Test Mode	UNII-3_IEEE 802.11n (HT20)_ANT 1

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	18.27	0.0671	30.00	1.0000	Complies
5785	17.75	0.0596	30.00	1.0000	Complies
5825	17.77	0.0598	30.00	1.0000	Complies

Test Mode	UNII-3_IEEE 802.11n (HT20)_ANT 2

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	18.12	0.0649	30.00	1.0000	Complies
5785	18.13	0.0650	30.00	1.0000	Complies
5825	18.38	0.0689	30.00	1.0000	Complies

Test Mode	UNII-3_IEEE 802.11n (HT20)_Total

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	21.21	0.1320	30.00	1.0000	Complies
5785	20.95	0.1246	30.00	1.0000	Complies
5825	21.10	0.1287	30.00	1.0000	Complies

Test Mode	UNII-3_IEEE 802.11ac (VHT20)_ANT 1

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	17.15	0.0519	30.00	1.0000	Complies
5785	16.77	0.0475	30.00	1.0000	Complies
5825	16.54	0.0451	30.00	1.0000	Complies

Test Mode	UNII-3_IEEE 802.11ac (VHT20)_ANT 2

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	17.29	0.0536	30.00	1.0000	Complies
5785	17.22	0.0527	30.00	1.0000	Complies
5825	17.37	0.0546	30.00	1.0000	Complies

Test Mode	UNII-3_IEEE 802.11ac (VHT20)_Total

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	20.23	0.1055	30.00	1.0000	Complies
5785	20.01	0.1003	30.00	1.0000	Complies
5825	19.99	0.0997	30.00	1.0000	Complies

Test Mode	UNII-3_IEEE 802.11n (HT40)_ANT 1

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5755	16.82	0.0481	30.00	1.0000	Complies
5795	16.45	0.0442	30.00	1.0000	Complies

Test Mode	UNII-3_IEEE 802.11n (HT40)_ANT 2

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5755	17.08	0.0511	30.00	1.0000	Complies
5795	17.09	0.0512	30.00	1.0000	Complies

Test Mode	UNII-3_IEEE 802.11n (HT40)_Total

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5755	19.96	0.0991	30.00	1.0000	Complies
5795	19.79	0.0953	30.00	1.0000	Complies

Test Mode	UNII-3_IEEE 802.11ac (VHT40)_ANT 1

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5755	16.52	0.0449	30.00	1.0000	Complies
5795	15.61	0.0364	30.00	1.0000	Complies

Test Mode	UNII-3_IEEE 802.11ac (VHT40)_ANT 2

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5755	16.61	0.0458	30.00	1.0000	Complies
5795	16.29	0.0426	30.00	1.0000	Complies

Test Mode	UNII-3_IEEE 802.11ac (VHT40)_Total

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5755	19.58	0.0907	30.00	1.0000	Complies
5795	18.97	0.0790	30.00	1.0000	Complies

Test Mode	UNII-3_IEEE 802.11ac (VHT80)_ANT 1

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5775	16.61	0.0458	30.00	1.0000	Complies

Test Mode	UNII-3_IEEE 802.11ac (VHT80)_ANT 2

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5775	16.59	0.0456	30.00	1.0000	Complies

Test Mode	UNII-3_IEEE 802.11ac (VHT80)_Total

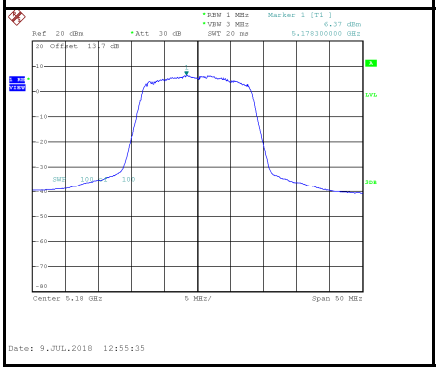
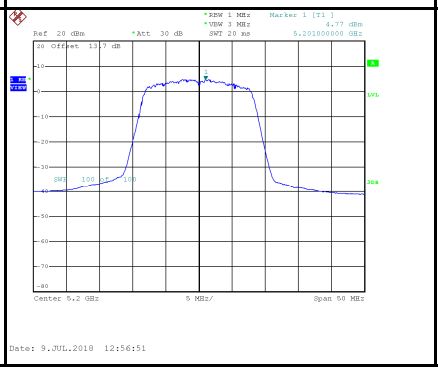
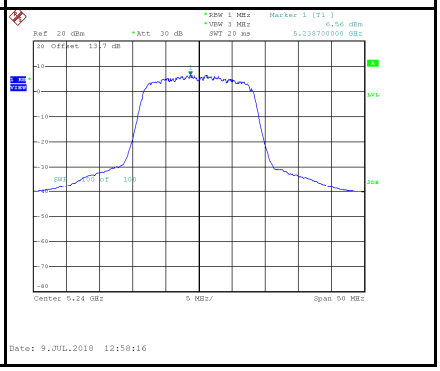
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5775	19.61	0.0914	30.00	1.0000	Complies

APPENDIX G POWER SPECTRAL DENSITY

CONTINUE ON NEXT PAGE

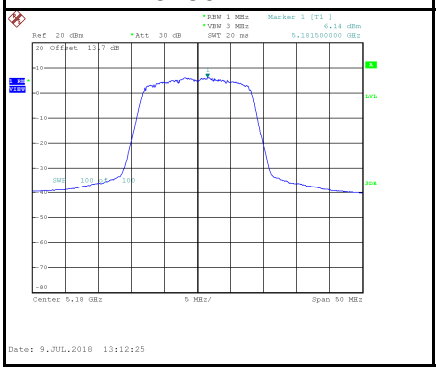
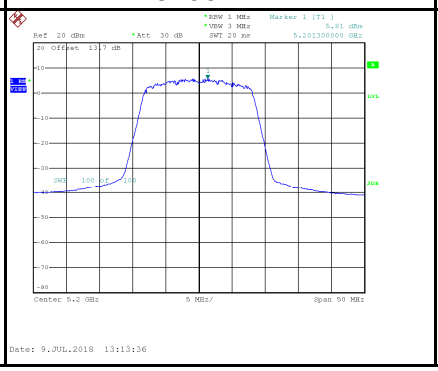
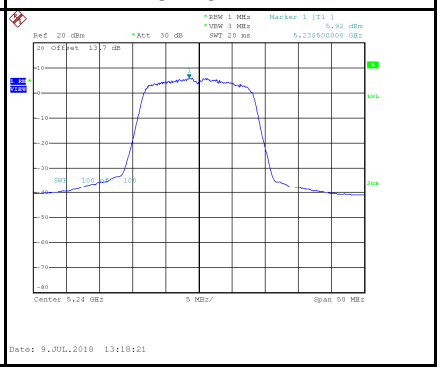
Test Mode	UNII-1_IEEE 802.11a_ANT 1

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5180	6.37	0.25	6.62	13.58	Complies
5200	4.77	0.25	5.02	13.58	Complies
5240	6.56	0.25	6.81	13.58	Complies

5180 MHz	5200 MHz	5240 MHz
		

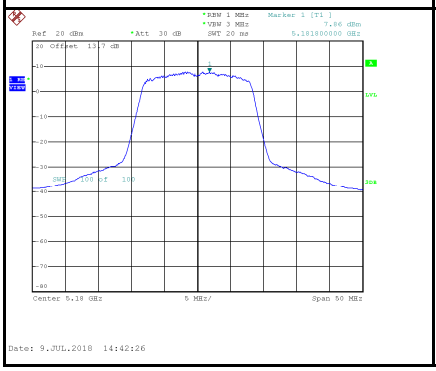
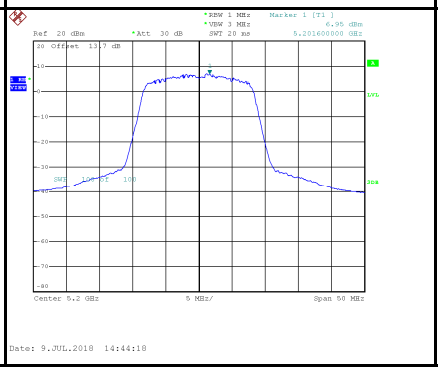
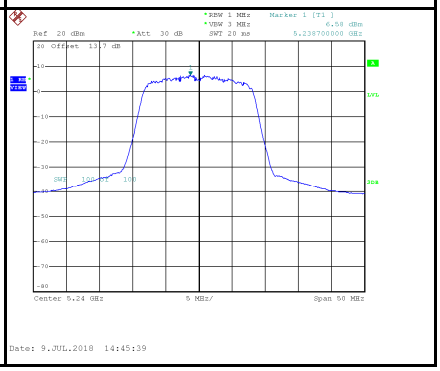
Test Mode	UNII-1_IEEE 802.11a_ANT 2

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5180	6.14	0.25	6.39	13.58	Complies
5200	5.81	0.25	6.06	13.58	Complies
5240	5.92	0.25	6.17	13.58	Complies

5180 MHz	5200 MHz	5240 MHz
		

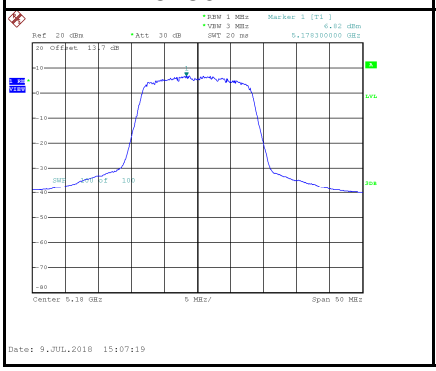
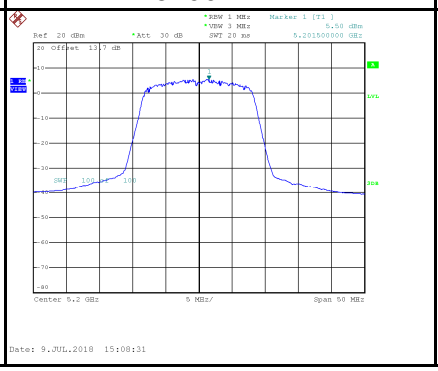
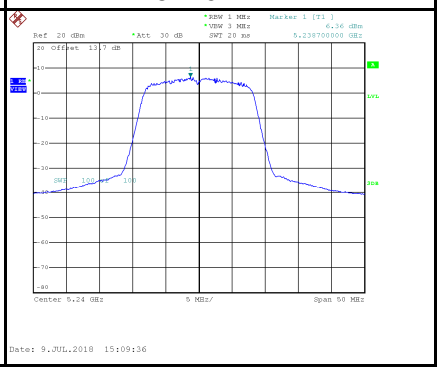
Test Mode	UNII-1_IEEE 802.11a_ANT 1

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5180	7.86	0.25	8.11	13.58	Complies
5200	6.95	0.25	7.20	13.58	Complies
5240	6.58	0.25	6.83	13.58	Complies

5180 MHz	5200 MHz	5240 MHz
		

Test Mode	UNII-1_IEEE 802.11a_ANT 1

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5180	6.82	0.25	7.07	13.58	Complies
5200	5.50	0.25	5.75	13.58	Complies
5240	6.36	0.25	6.61	13.58	Complies

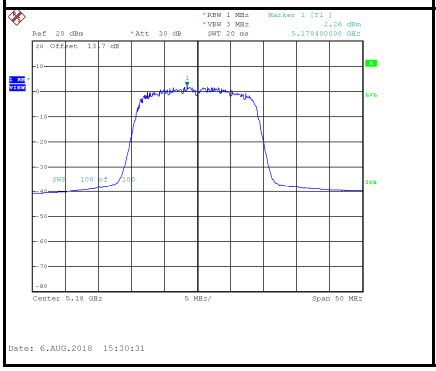
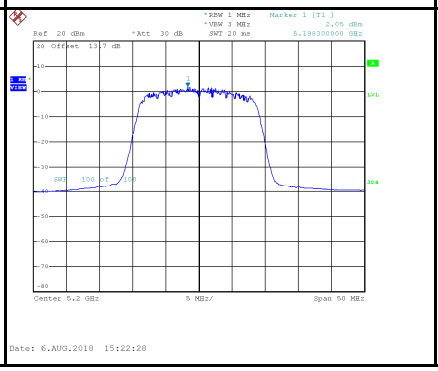
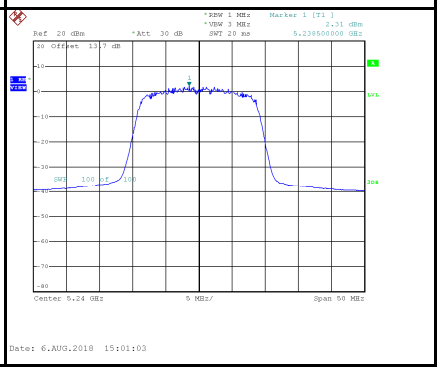
5180 MHz	5200 MHz	5240 MHz
		

Test Mode	UNII-1_IEEE 802.11a_Total

Frequency	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5180	13.12	13.58	Complies
5200	12.10	13.58	Complies
5240	12.63	13.58	Complies

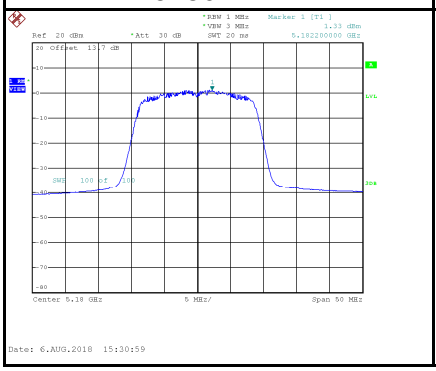
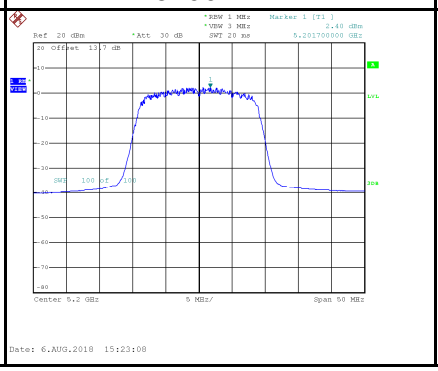
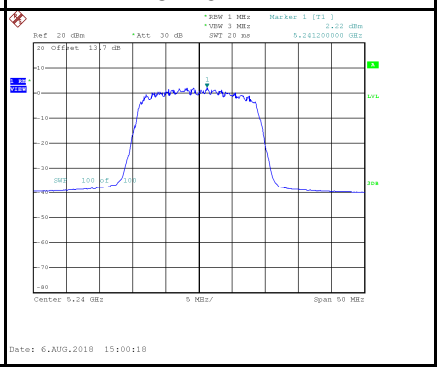
Test Mode	UNII-1_IEEE 802.11n (HT20)_ANT 1

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5180	2.26	0.65	2.91	9.12	Complies
5200	2.05	0.65	2.70	9.12	Complies
5240	2.31	0.65	2.96	9.12	Complies

5180 MHz	5200 MHz	5240 MHz
		

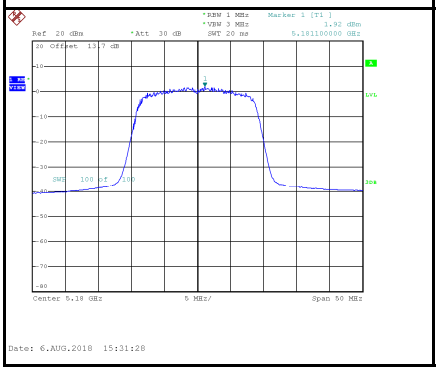
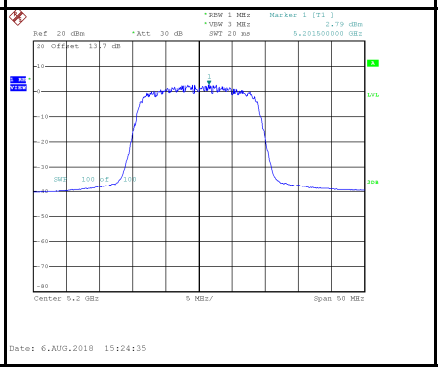
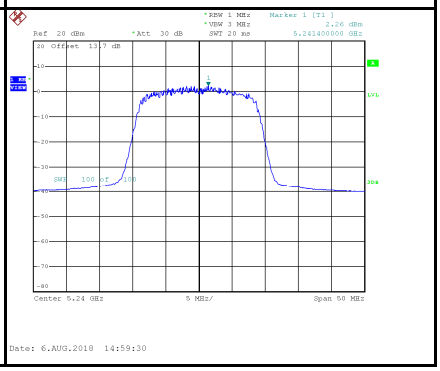
Test Mode	UNII-1_IEEE 802.11n (HT20)_ANT 2

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5180	1.33	0.65	1.98	9.12	Complies
5200	2.40	0.65	3.05	9.12	Complies
5240	2.22	0.65	2.87	9.12	Complies

5180 MHz	5200 MHz	5240 MHz
		

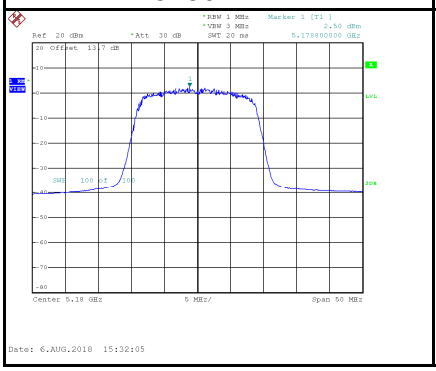
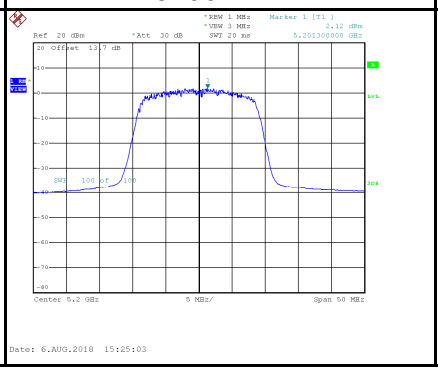
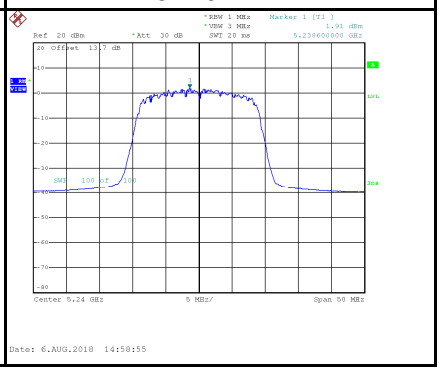
Test Mode	UNII-1_IEEE 802.11n (HT20)_ANT 3

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5180	1.92	0.65	2.57	9.12	Complies
5200	2.79	0.65	3.44	9.12	Complies
5240	2.26	0.65	2.91	9.12	Complies

5180 MHz	5200 MHz	5240 MHz
		

Test Mode	UNII-1_IEEE 802.11n (HT20)_ANT 4

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5180	2.50	0.65	3.15	9.12	Complies
5200	2.12	0.65	2.77	9.12	Complies
5240	1.91	0.65	2.56	9.12	Complies

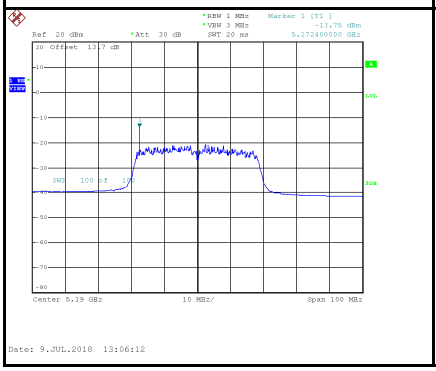
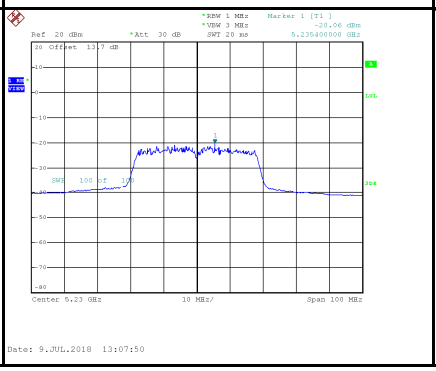
5180 MHz	5200 MHz	5240 MHz
		

Test Mode	UNII-1_IEEE 802.11n (HT20)_Total

Frequency	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5180	8.69	9.12	Complies
5200	9.02	9.12	Complies
5240	8.84	9.12	Complies

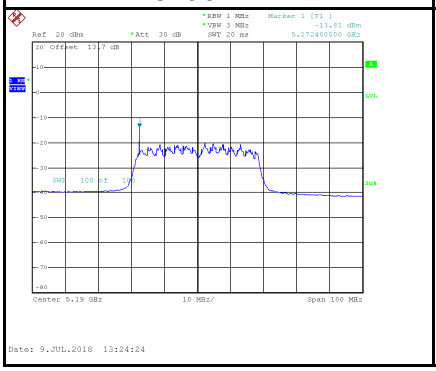
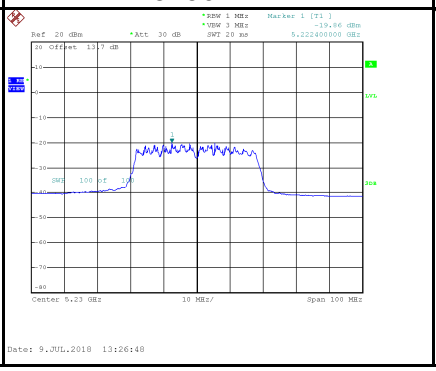
Test Mode	UNII-1_IEEE 802.11n (HT40)_ANT 1

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5190	-13.75	1.74	-12.01	9.12	Complies
5230	-20.06	1.74	-18.32	9.12	Complies

5190 MHz	5230 MHz	
		

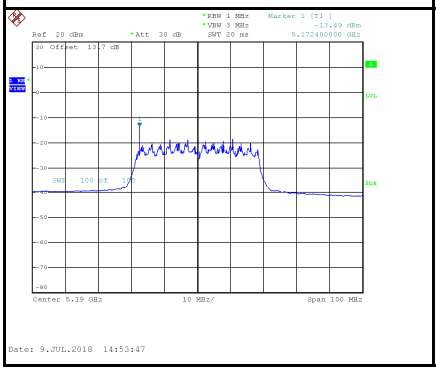
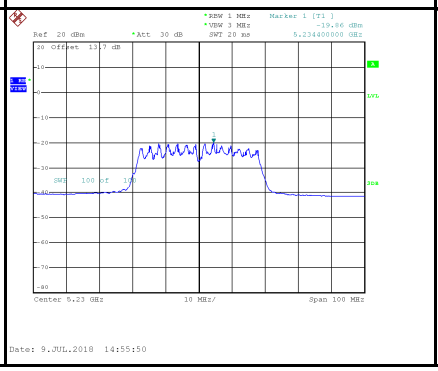
Test Mode	UNII-1_IEEE 802.11n (HT40)_ANT 2

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5190	-13.81	1.74	-12.07	9.12	Complies
5230	-19.86	1.74	-18.12	9.12	Complies

5190 MHz	5230 MHz	
		

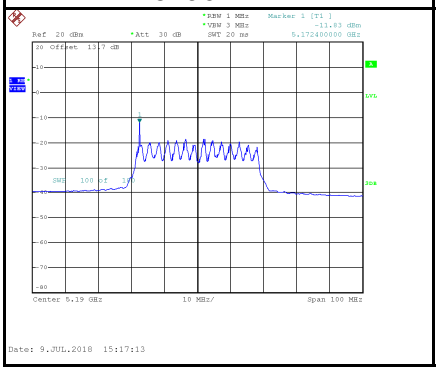
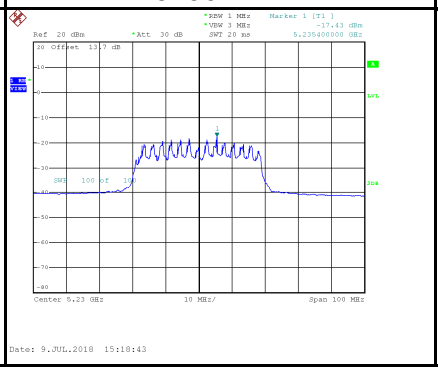
Test Mode	UNII-1_IEEE 802.11n (HT40)_ANT 3

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5190	-13.49	1.74	-11.75	9.12	Complies
5230	-19.86	1.74	-18.12	9.12	Complies

5190 MHz	5230 MHz	
		

Test Mode	UNII-1_IEEE 802.11n (HT40)_ANT 4

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5190	-11.83	1.74	-10.09	9.12	Complies
5230	-17.43	1.74	-15.69	9.12	Complies

5190 MHz	5230 MHz	
		

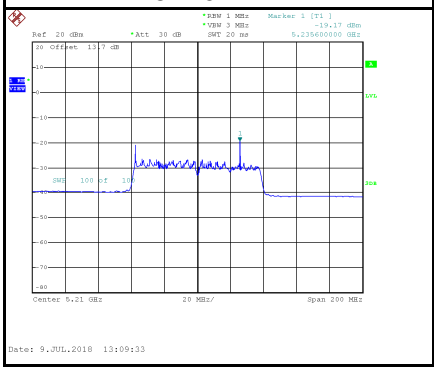
Test Mode	UNII-1_IEEE 802.11n (HT40)_Total

Frequency	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5190	-5.37	9.12	Complies
5230	-11.39	9.12	Complies

Test Mode	UNII-1_IEEE 802.11ac (VHT80)_ANT 1

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5210	-19.17	6.86	-12.31	9.12	Complies

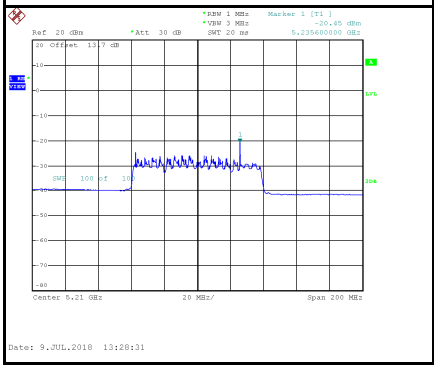
5210 MHz



Test Mode	UNII-1_IEEE 802.11ac (VHT80)_ANT 2

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5210	-20.45	6.86	-13.59	9.12	Complies

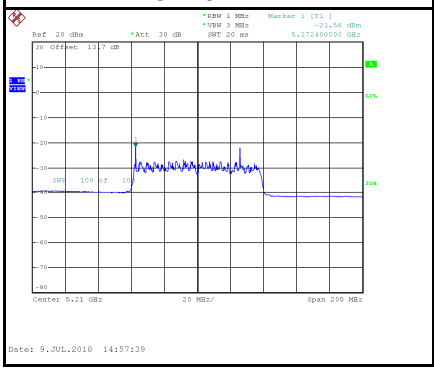
5210 MHz



Test Mode	UNII-1_IEEE 802.11ac (VHT80)_ANT 3

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5210	-21.56	6.86	-14.70	9.12	Complies

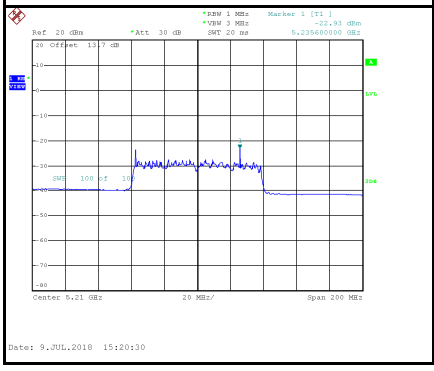
5210 MHz



Test Mode	UNII-1_IEEE 802.11ac (VHT80)_ANT 4

Frequency	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5210	-22.93	6.86	-16.07	9.12	Complies

5210 MHz

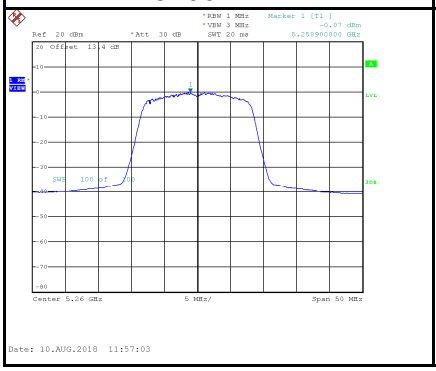
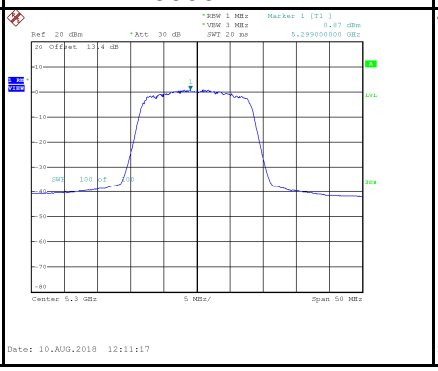
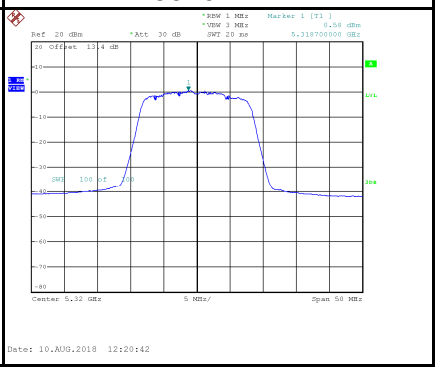


Test Mode	UNII-1_IEEE 802.11ac (VHT80)_Total

Frequency	Power Density + Duty Factor (dBm/MHz)	Max. Limit (dBm)	Result
5210	-7.93	9.12	Complies

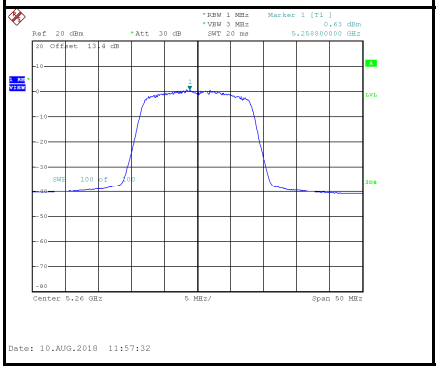
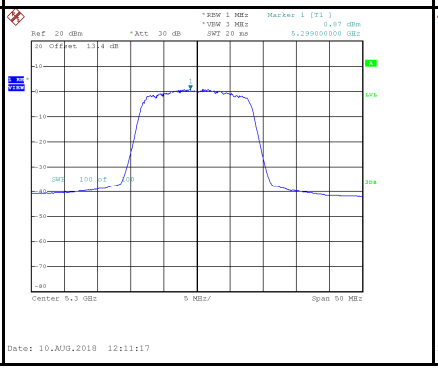
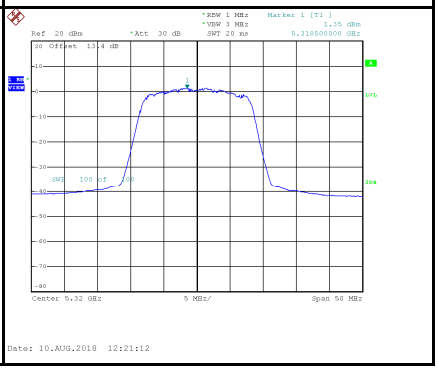
Test Mode	UNII-2A_IEEE 802.11a_ANT 1

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5260	-0.07	0.21	0.14	7.58	Complies
5300	0.87	0.21	1.08	7.58	Complies
5320	0.58	0.21	0.79	7.58	Complies

5260 MHz	5300 MHz	5320 MHz
		

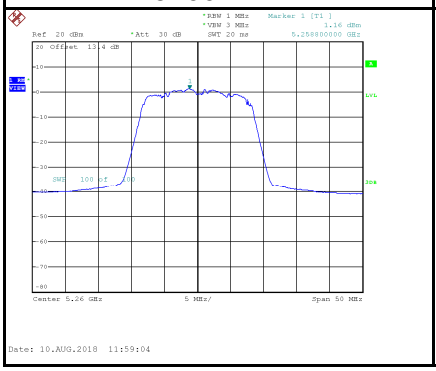
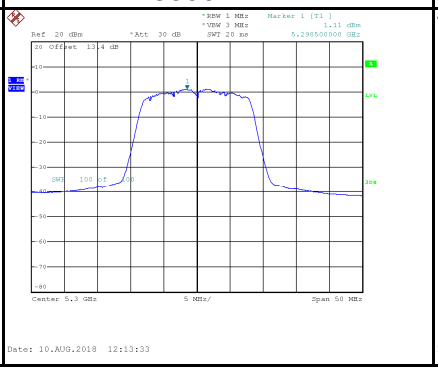
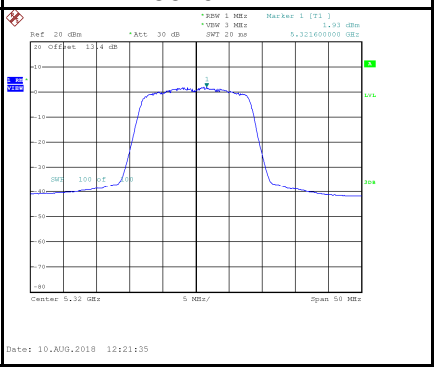
Test Mode	UNII-2A_IEEE 802.11a_ANT 2

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5260	0.63	0.21	0.84	7.58	Complies
5300	0.62	0.21	0.83	7.58	Complies
5320	1.35	0.21	1.56	7.58	Complies

5260 MHz	5300 MHz	5320 MHz
		

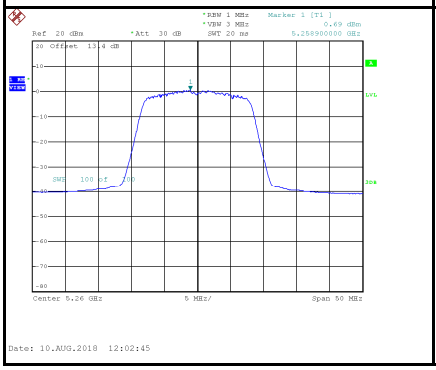
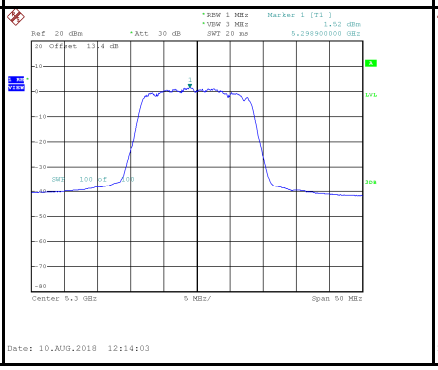
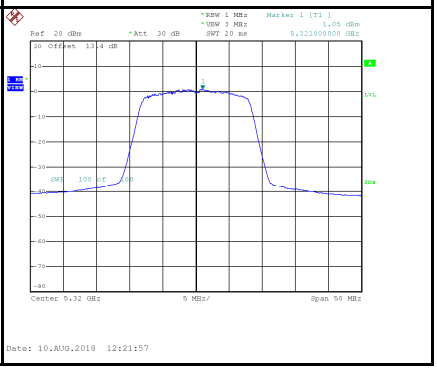
Test Mode	UNII-2A_IEEE 802.11a_ANT 3

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5260	1.16	0.21	1.37	7.58	Complies
5300	1.11	0.21	1.32	7.58	Complies
5320	1.93	0.21	2.14	7.58	Complies

5260 MHz	5300 MHz	5320 MHz
		

Test Mode	UNII-2A_IEEE 802.11a_ANT 4

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5260	0.69	0.21	0.90	7.58	Complies
5300	1.52	0.21	1.73	7.58	Complies
5320	1.05	0.21	1.26	7.58	Complies

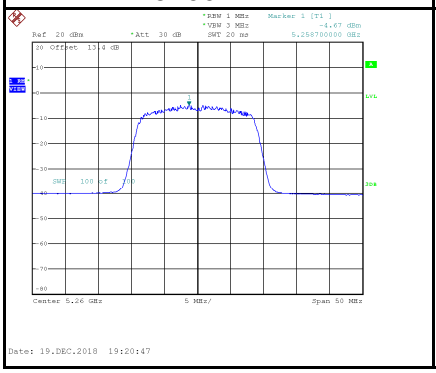
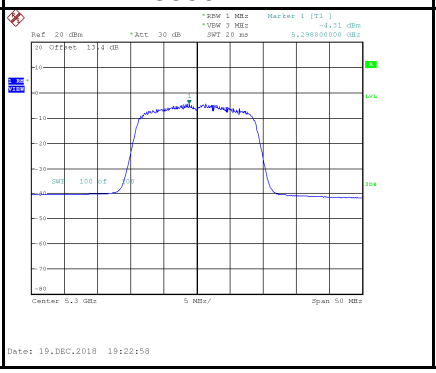
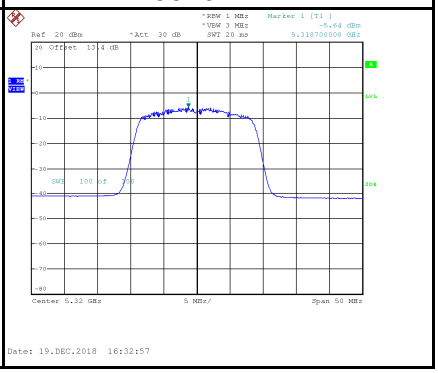
5260 MHz	5300 MHz	5320 MHz
		

Test Mode	UNII-2A_IEEE 802.11a_Total

Frequency (MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5260	6.86	7.58	Complies
5300	7.28	7.58	Complies
5320	7.49	7.58	Complies

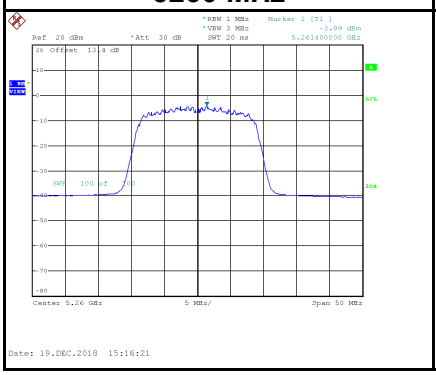
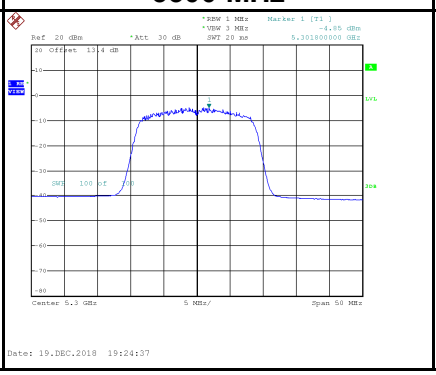
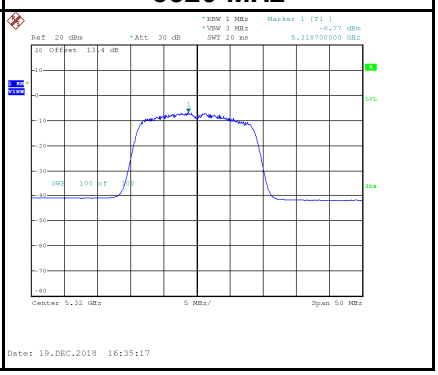
Test Mode	UNII-2A_IEEE 802.11n (HT20)_ANT 1

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5260	-4.67	0.70	-3.97	3.12	Complies
5300	-4.31	0.70	-3.61	3.12	Complies
5320	-5.64	0.70	-4.94	3.12	Complies

5260 MHz	5300 MHz	5320 MHz
		

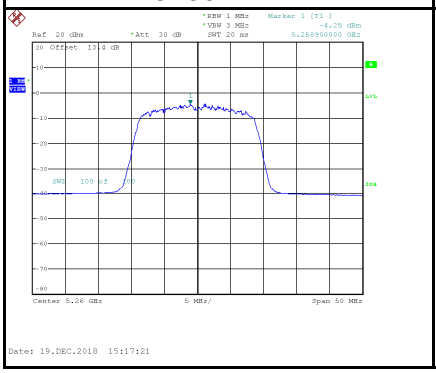
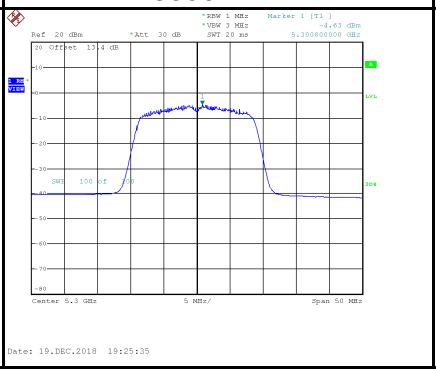
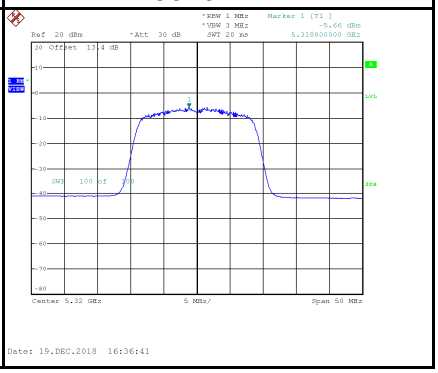
Test Mode	UNII-2A_IEEE 802.11n (HT20)_ANT 2

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5260	-3.99	0.70	-3.29	3.12	Complies
5300	-4.85	0.70	-4.15	3.12	Complies
5320	-6.77	0.70	-6.07	3.12	Complies

5260 MHz	5300 MHz	5320 MHz
		

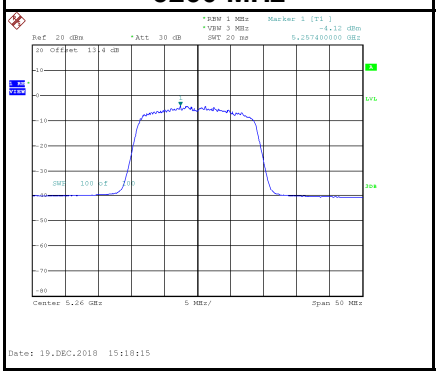
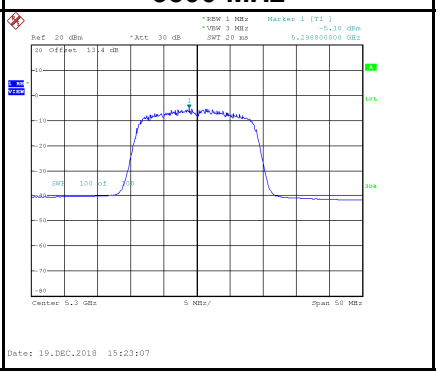
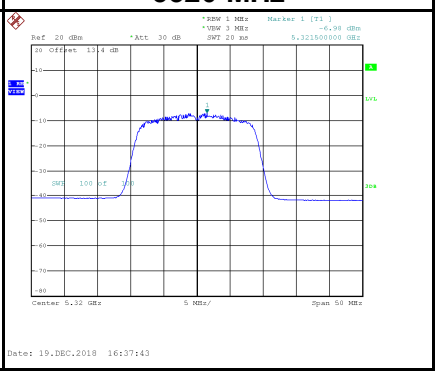
Test Mode	UNII-2A_IEEE 802.11n (HT20)_ANT 3

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5260	-4.25	0.70	-3.55	3.12	Complies
5300	-4.63	0.70	-3.93	3.12	Complies
5320	-5.66	0.70	-4.96	3.12	Complies

5260 MHz	5300 MHz	5320 MHz
		

Test Mode	UNII-2A_IEEE 802.11n (HT20)_ANT 4

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5260	-4.12	0.70	-3.42	3.12	Complies
5300	-5.10	0.70	-4.40	3.12	Complies
5320	-6.98	0.70	-6.28	3.12	Complies

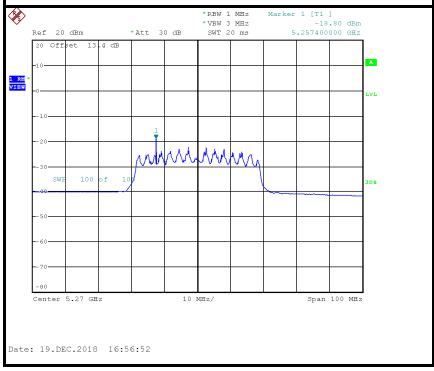
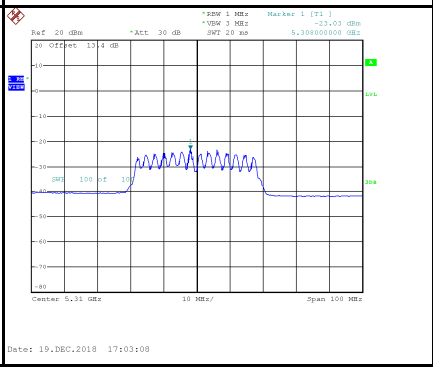
5260 MHz	5300 MHz	5320 MHz
		

Test Mode	UNII-2A_IEEE 802.11n (HT20)_Total

Frequency (MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5260	2.47	3.12	Complies
5300	2.01	3.12	Complies
5320	0.50	3.12	Complies

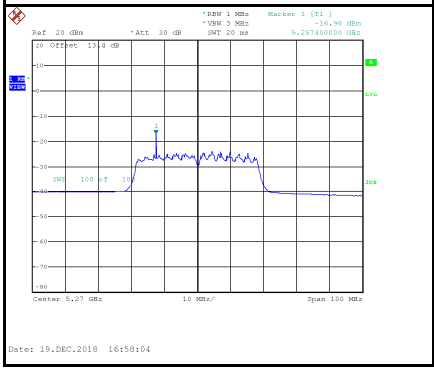
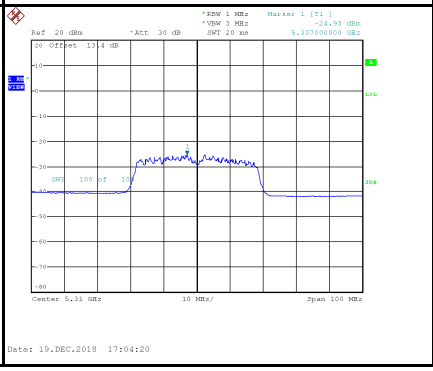
Test Mode	UNII-2A_IEEE 802.11n (HT40)_ANT 1

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5270	-18.80	4.55	-14.25	3.12	Complies
5310	-23.03	4.55	-18.48	3.12	Complies

5270 MHz	5310 MHz	
		

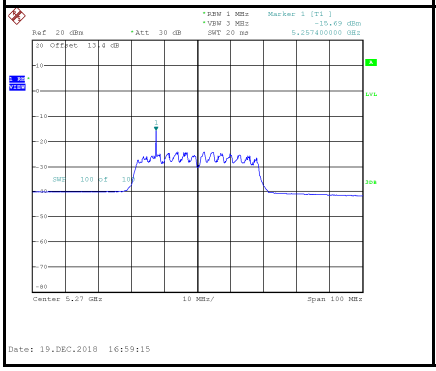
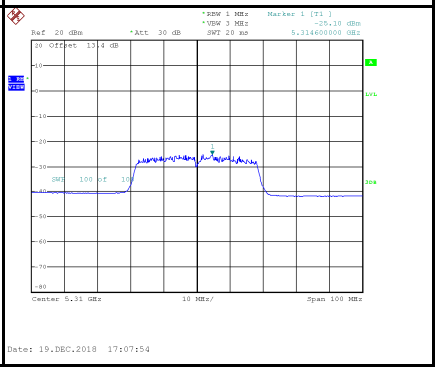
Test Mode	UNII-2A_IEEE 802.11n (HT40)_ANT 2

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5270	-16.96	4.55	-12.41	3.12	Complies
5310	-24.93	4.55	-20.38	3.12	Complies

5270 MHz	5310 MHz	
		

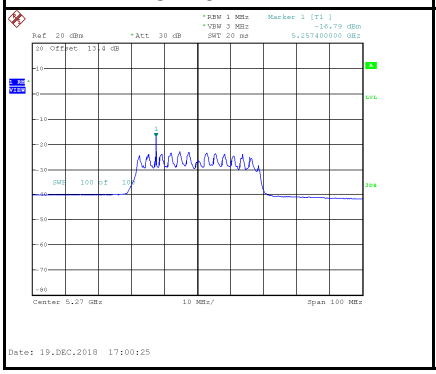
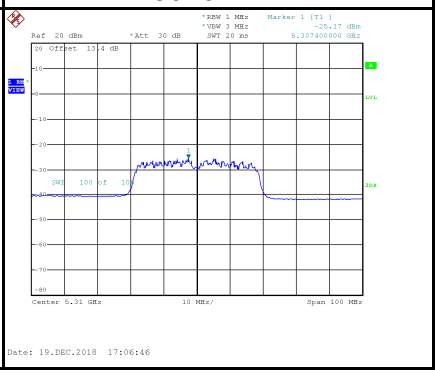
Test Mode	UNII-2A_IEEE 802.11n (HT40)_ANT 3

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5270	-15.69	4.55	-11.14	3.12	Complies
5310	-25.10	4.55	-20.55	3.12	Complies

5270 MHz	5310 MHz	
		

Test Mode	UNII-2A_IEEE 802.11n (HT40)_ANT 4

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5270 MHz	-16.79	4.55	-12.24	3.12	Complies
5310 MHz	-25.17	4.55	-20.62	3.12	Complies

5270 MHz	5310 MHz	
		

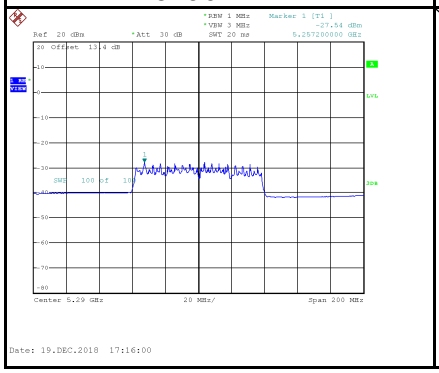
Test Mode	UNII-2A_IEEE 802.11n (HT40)_Total

Frequency (MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5270	-6.35	3.12	Complies
5310	-13.89	3.12	Complies

Test Mode	UNII-2A_IEEE 802.11ac (VHT80)_ANT 1

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5290	-27.54	5.51	-22.03	3.12	Complies

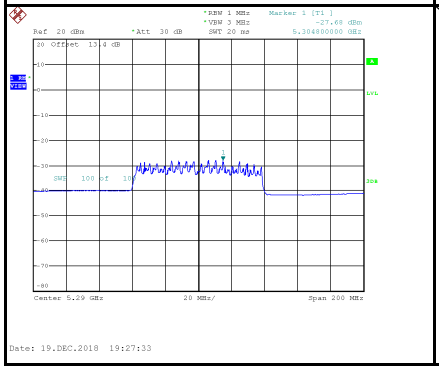
5290 MHz



Test Mode	UNII-2A_IEEE 802.11ac (VHT80)_ANT 2

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5290	-27.68	5.51	-22.17	3.12	Complies

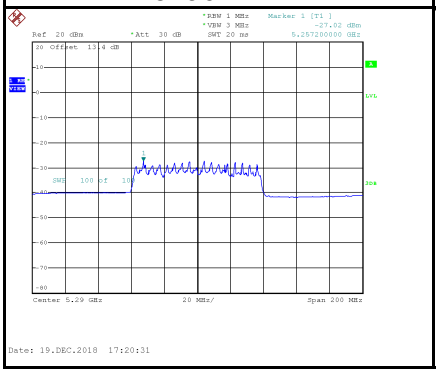
5290 MHz



Test Mode	UNII-2A_IEEE 802.11ac (VHT80)_ANT 3

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5290	-27.02	5.51	-21.51	3.12	Complies

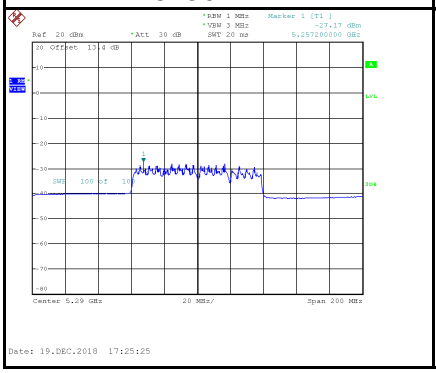
5290 MHz



Test Mode	UNII-2A_IEEE 802.11ac (VHT80)_ANT 4

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5290	-27.17	5.51	-21.66	3.12	Complies

5290 MHz

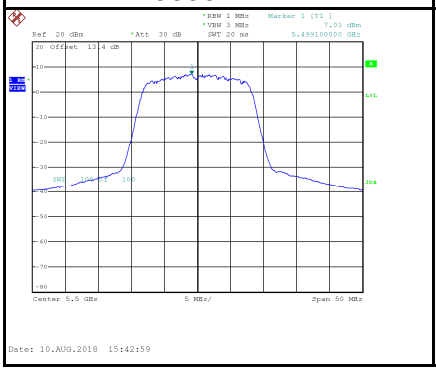
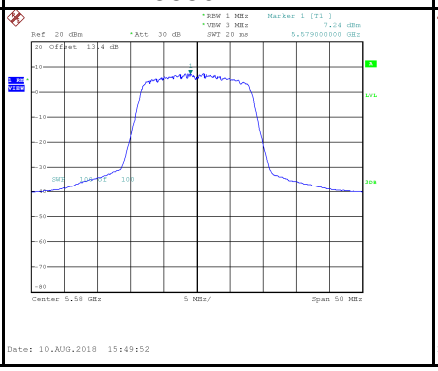
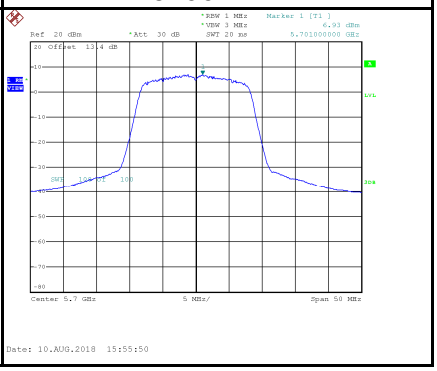


Test Mode	UNII-2A_IEEE 802.11ac (VHT80)_Total

Frequency (MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5290	-15.81	3.12	Complies

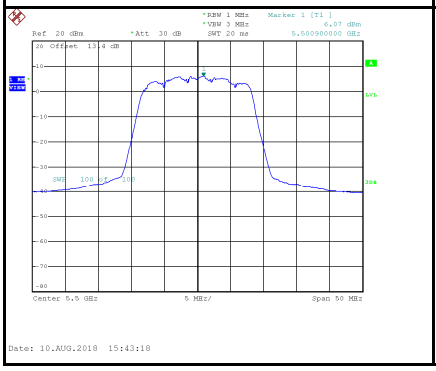
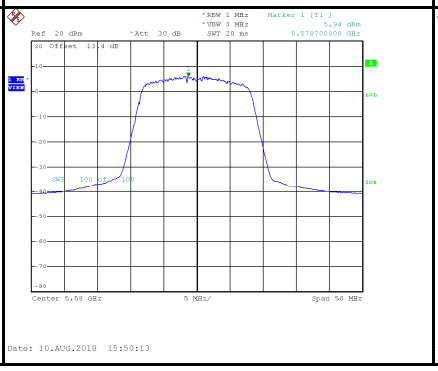
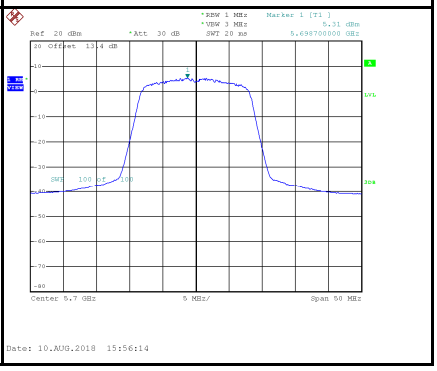
Test Mode	UNII-2C_IEEE 802.11a_ANT 1

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5500	7.03	0.22	7.25	10.49	Complies
5580	7.24	0.22	7.46	10.49	Complies
5700	6.93	0.22	7.15	10.49	Complies

5500 MHz	5580 MHz	5700 MHz
		

Test Mode	UNII-2C_IEEE 802.11a_ANT 2

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5500	6.07	0.22	6.29	10.49	Complies
5580	5.94	0.22	6.16	10.49	Complies
5700	5.31	0.22	5.53	10.49	Complies

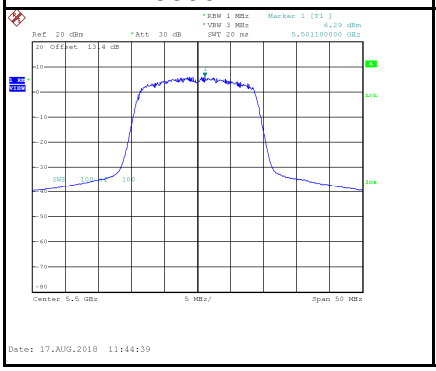
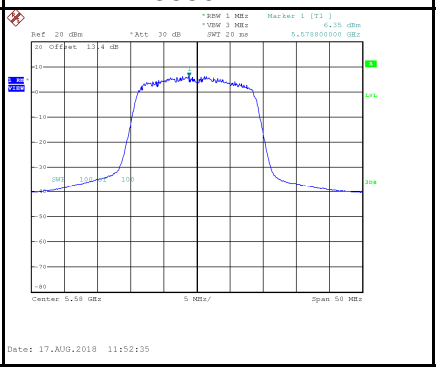
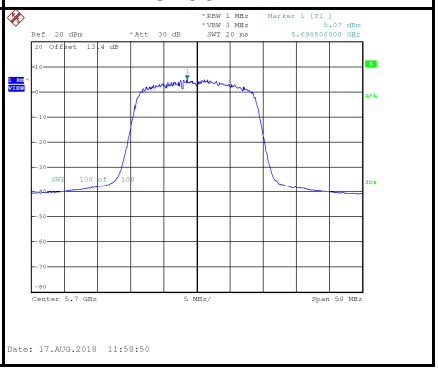
5500 MHz	5580 MHz	5700 MHz
		

Test Mode	UNII-2C_IEEE 802.11a_Total

Frequency (MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5500	9.81	10.49	Complies
5580	9.87	10.49	Complies
5700	9.42	10.49	Complies

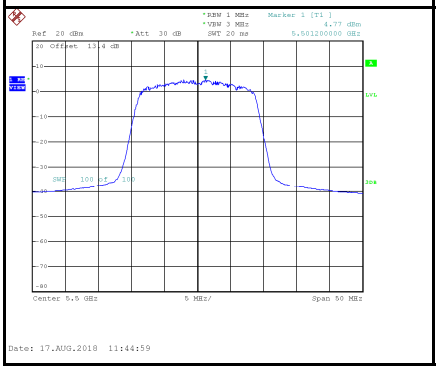
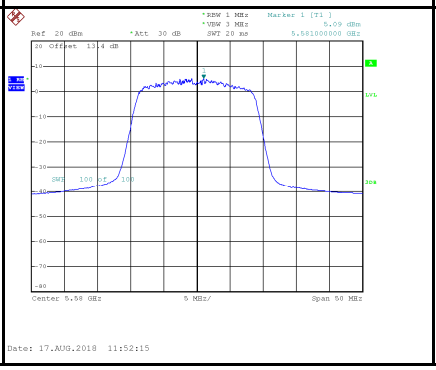
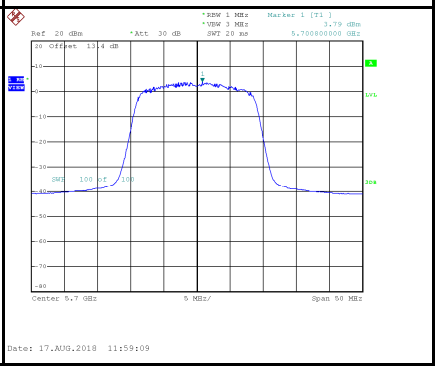
Test Mode	UNII-2C_IEEE 802.11n (HT20)_ANT 1

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5500	6.29	0.43	6.72	10.49	Complies
5580	6.35	0.43	6.78	10.49	Complies
5700	5.07	0.43	5.50	10.49	Complies

5500 MHz	5580 MHz	5700 MHz
		

Test Mode	UNII-2C_IEEE 802.11n (HT20)_ANT 2

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5500	4.77	0.43	5.20	10.49	Complies
5580	5.09	0.43	5.52	10.49	Complies
5700	3.79	0.43	4.22	10.49	Complies

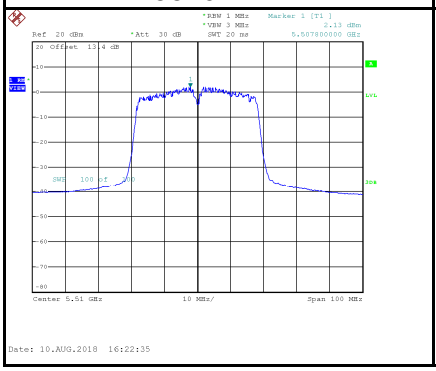
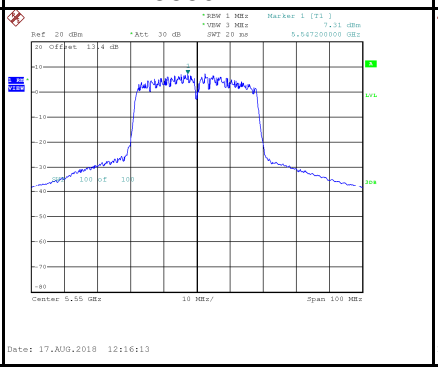
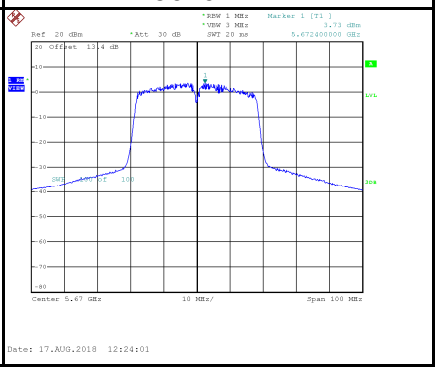
5500 MHz	5580 MHz	5700 MHz
		

Test Mode	UNII-2C_IEEE 802.11n (HT20)_Total

Frequency (MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5500	9.04	10.49	Complies
5580	9.21	10.49	Complies
5700	7.92	10.49	Complies

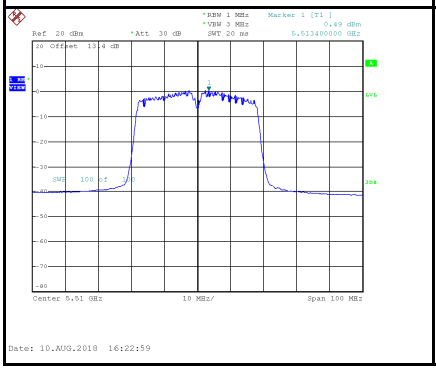
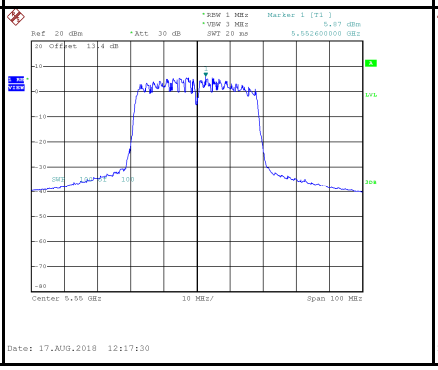
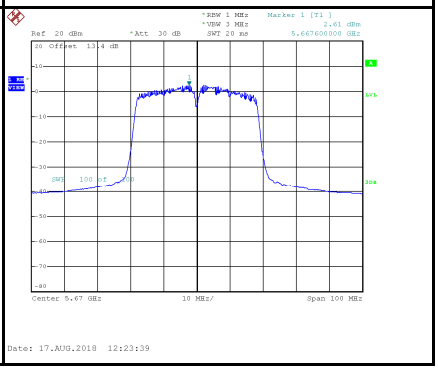
Test Mode	UNII-2C_IEEE 802.11n (HT40)_ANT 1

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5510	2.13	0.71	2.84	10.49	Complies
5550	7.31	0.71	8.02	10.49	Complies
5670	3.73	0.71	4.44	10.49	Complies

5510 MHz	5550 MHz	5670 MHz
		

Test Mode	UNII-2C_IEEE 802.11n (HT40)_ANT 2

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5510	0.49	0.71	1.20	10.49	Complies
5550	5.87	0.71	6.58	10.49	Complies
5670	2.61	0.71	3.32	10.49	Complies

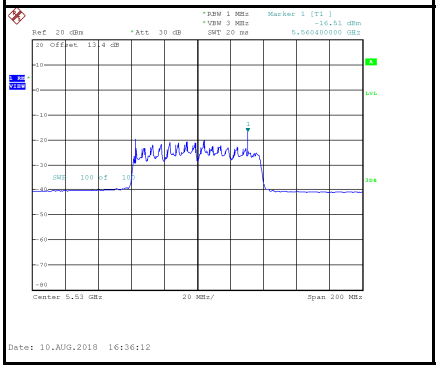
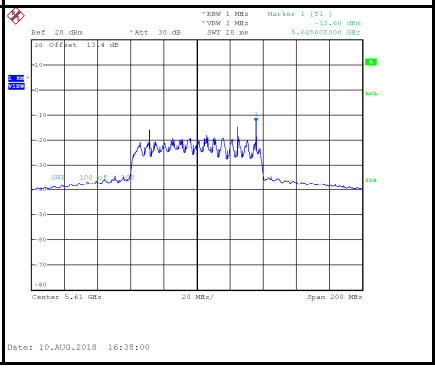
5510 MHz	5550 MHz	5670 MHz
		

Test Mode	UNII-2C_IEEE 802.11n (HT40)_Total

Frequency (MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5510	5.11	10.49	Complies
5550	10.37	10.49	Complies
5670	6.93	10.49	Complies

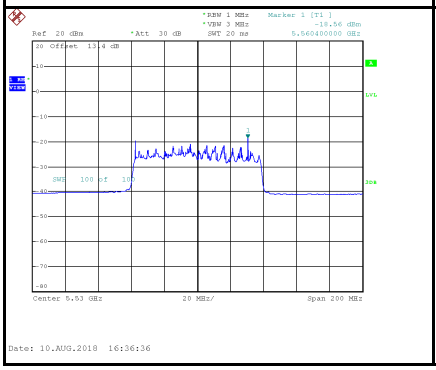
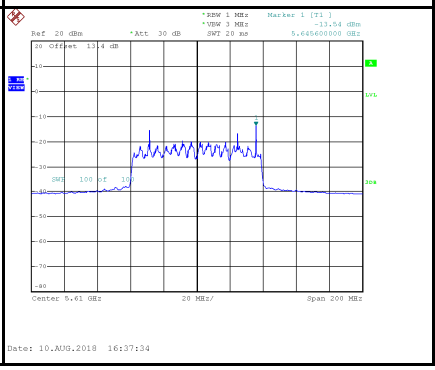
Test Mode	UNII-2C_IEEE 802.11ac (VHT80)_ANT 1

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5530	-16.51	5.36	-11.15	10.49	Complies
5610	-12.60	5.36	-7.24	10.49	Complies

5530 MHz	5610 MHz	
		

Test Mode	UNII-2C_IEEE 802.11ac (VHT80)_ANT 2

Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5530	-18.56	5.36	-13.20	10.49	Complies
5610	-13.54	5.36	-8.18	10.49	Complies

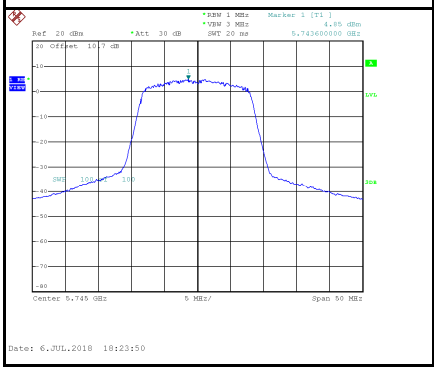
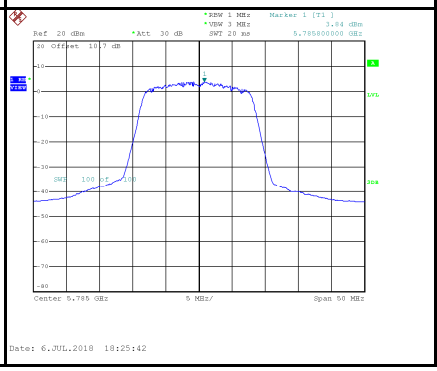
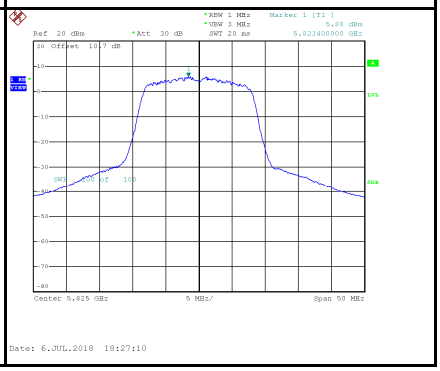
5530 MHz	5610 MHz	
		

Test Mode	UNII-2C_IEEE 802.11ac (VHT80)_Total

Frequency (MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)	Result
5530	-9.05	10.49	Complies
5610	-4.68	10.49	Complies

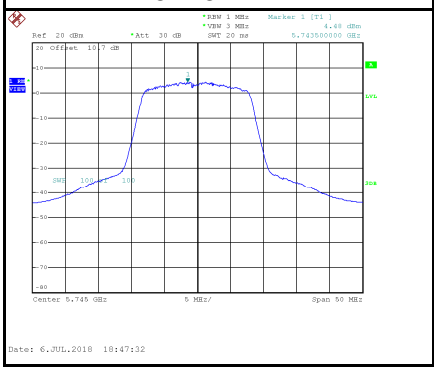
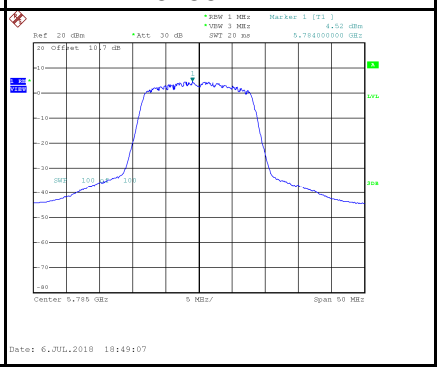
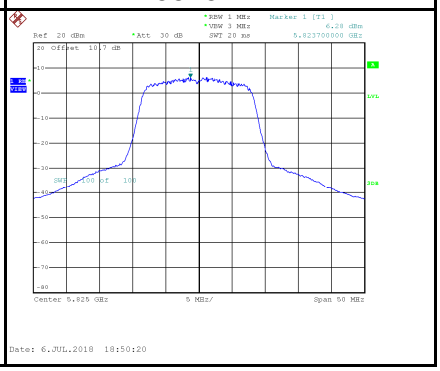
Test Mode	UNII-3_IEEE 802.11a_ANT 1

Frequency	Power Density (dBm/500 kHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm)	Result
5745	4.85	0.24	5.09	29.19	Complies
5785	3.84	0.24	4.08	29.19	Complies
5825	5.88	0.24	6.12	29.19	Complies

5745 MHz	5785 MHz	5825 MHz
		

Test Mode	UNII-3_IEEE 802.11a_ANT 2

Frequency	Power Density (dBm/500 kHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm)	Result
5745	4.48	0.24	4.72	29.19	Complies
5785	4.52	0.24	4.76	29.19	Complies
5825	6.28	0.24	6.52	29.19	Complies

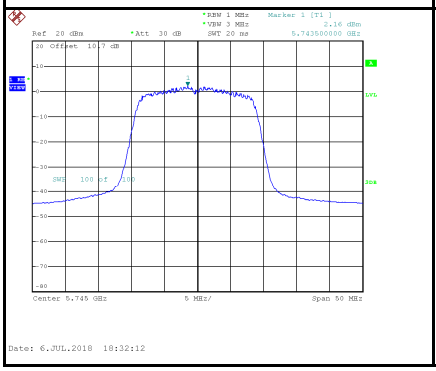
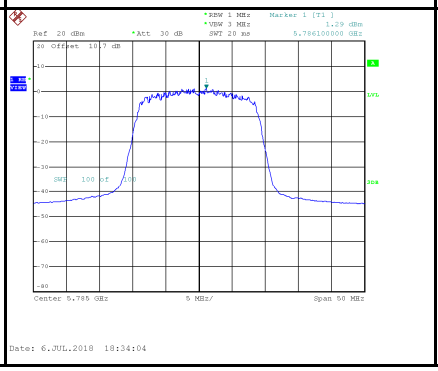
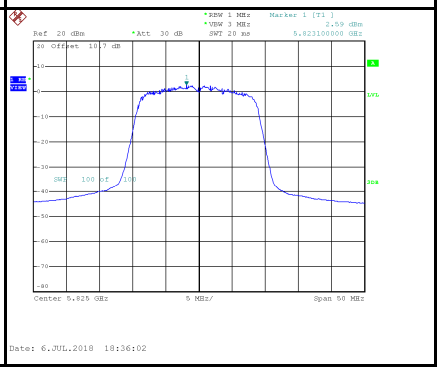
5745 MHz	5785 MHz	5825 MHz
		

Test Mode	UNII-3_IEEE 802.11a_Total

Frequency	Power Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm)	Result
5745	7.92	29.19	Complies
5785	7.45	29.19	Complies
5825	9.34	29.19	Complies

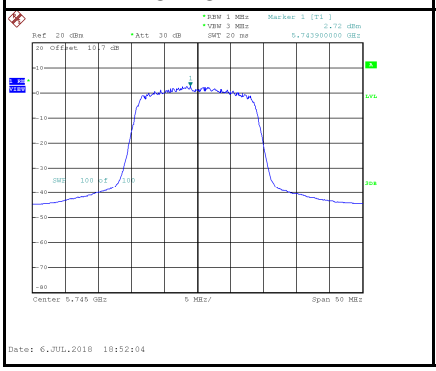
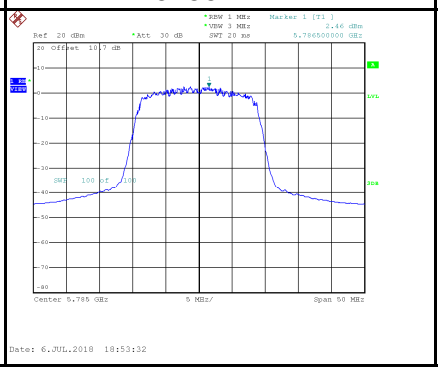
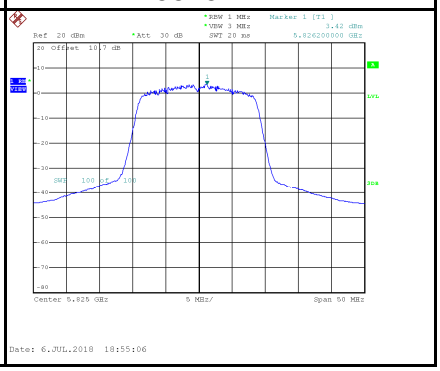
Test Mode	UNII-3_IEEE 802.11n (HT20)_ANT 1

Frequency	Power Density (dBm/500 kHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm)	Result
5745	2.16	0.42	2.58	29.19	Complies
5785	1.29	0.42	1.71	29.19	Complies
5825	2.59	0.42	3.01	29.19	Complies

5745 MHz	5785 MHz	5825 MHz
		

Test Mode	UNII-3_IEEE 802.11n (HT20)_ANT 2

Frequency	Power Density (dBm/500 kHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm)	Result
5745	2.72	0.42	3.14	29.19	Complies
5785	2.46	0.42	2.88	29.19	Complies
5825	3.42	0.42	3.84	29.19	Complies

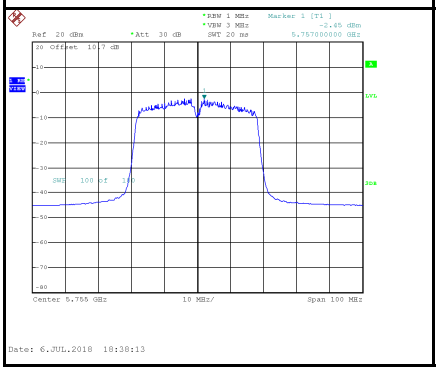
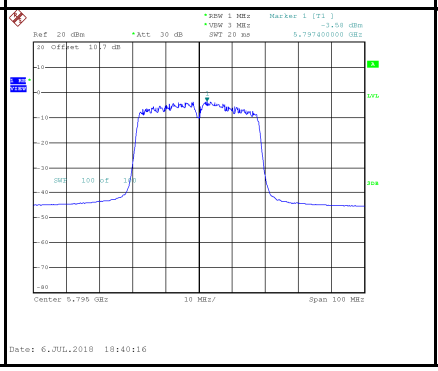
5745 MHz	5785 MHz	5825 MHz
		

Test Mode	UNII-3_IEEE 802.11n (HT20)_Total

Frequency	Power Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm)	Result
5745	5.88	29.19	Complies
5785	5.34	29.19	Complies
5825	6.45	29.19	Complies

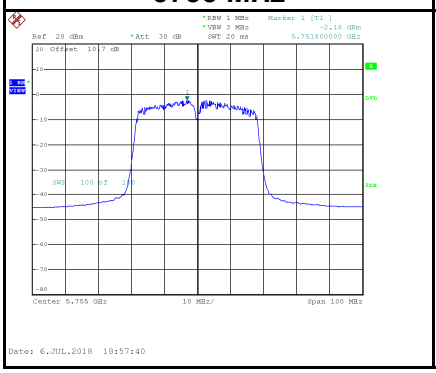
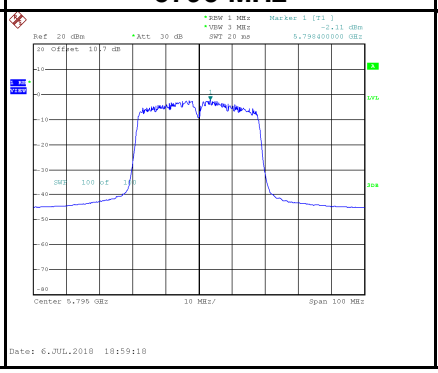
Test Mode	UNII-3_IEEE 802.11n (HT40)_ANT 1

Frequency	Power Density (dBm/500 kHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm)	Result
5755	-2.45	1.05	-1.40	29.19	Complies
5795	-3.58	1.05	-2.53	29.19	Complies

5755 MHz	5795 MHz	
		

Test Mode	UNII-3_IEEE 802.11n (HT40)_ANT 2

Frequency	Power Density (dBm/500 kHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm)	Result
5755	-2.18	1.05	-1.13	29.19	Complies
5795	-2.11	1.05	-1.06	29.19	Complies

5755 MHz	5795 MHz	
		

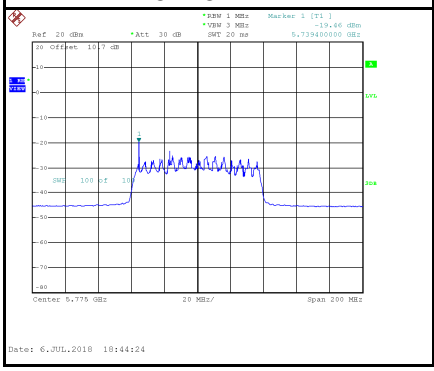
Test Mode	UNII-3_IEEE 802.11n (HT40)_Total

Frequency	Power Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm)	Result
5755	1.75	29.19	Complies
5795	1.28	29.19	Complies

Test Mode	UNII-3_IEEE 802.11ac (VHT80)_ANT 1

Frequency	Power Density (dBm/500 kHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm)	Result
5775	-19.46	5.23	-14.23	29.19	Complies

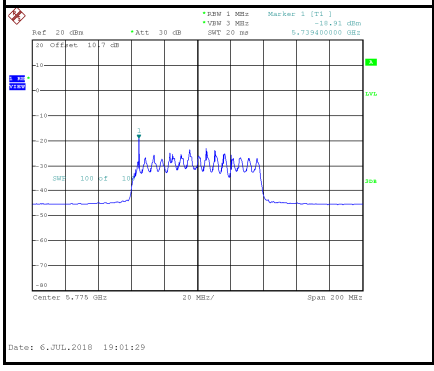
5775 MHz



Test Mode	UNII-3_IEEE 802.11ac (VHT80)_ANT 2

Frequency	Power Density (dBm/500 kHz)	Duty Factor (dB)	Power Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm)	Result
5775	-18.91	5.23	-13.68	29.19	Complies

5775 MHz



Test Mode	UNII-3_IEEE 802.11ac (VHT80)_Total

Frequency	Power Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm)	Result
5775	-10.94	29.19	Complies

APPENDIX H FREQUENCY STABILITY

CONTINUE ON NEXT PAGE

Test Mode	UNII-1

Voltage vs. Frequency Stability

Operating Frequency	5180
Voltage (V)	Measurement Frequency (MHz)
132	5179.9440
120	5179.9428
108	5179.9420
Maximum Deviation (MHz)	0.0580
Maximum Deviation (ppm)	11.1969

Temperature vs. Frequency Stability

Operating Frequency	5180
Temperature (°C)	Measurement Frequency (MHz)
0	5180.0036
10	5179.9676
20	5179.9736
30	5179.9412
40	5179.9396
Maximum Deviation (MHz)	0.0604
Maximum Deviation (ppm)	11.6602

Test Mode	UNII-2A

Voltage vs. Frequency Stability

Operating Frequency	5260
Voltage (V)	Measurement Frequency (MHz)
132	5259.9500
120	5259.9504
108	5259.9516
Maximum Deviation (MHz)	0.0500
Maximum Deviation (ppm)	9.5057

Temperature vs. Frequency Stability

Operating Frequency	5260
Temperature (°C)	Measurement Frequency (MHz)
0	5259.9780
10	5259.9832
20	5259.9492
30	5259.9512
40	5259.9392
Maximum Deviation (MHz)	0.0608
Maximum Deviation (ppm)	11.5589

Test Mode	UNII-2C

Voltage vs. Frequency Stability

Operating Frequency	5500
Voltage (V)	Measurement Frequency (MHz)
132	5499.9624
120	5499.9600
108	5499.9576
Maximum Deviation (MHz)	0.0424
Maximum Deviation (ppm)	7.7091

Temperature vs. Frequency Stability

Operating Frequency	5500
Temperature (°C)	Measurement Frequency (MHz)
-5	5499.9960
5	5499.9740
15	5499.9676
25	5499.9368
35	5499.9344
Maximum Deviation (MHz)	0.0656
Maximum Deviation (ppm)	11.9273

Test Mode	UNII-3

Voltage vs. Frequency Stability

Operating Frequency	5745
Voltage (V)	Measurement Frequency (MHz)
132	5744.9328
120	5744.9276
108	5744.9276
Maximum Deviation (MHz)	0.0724
Maximum Deviation (ppm)	12.6023

Temperature vs. Frequency Stability

Operating Frequency	5745
Temperature (°C)	Measurement Frequency (MHz)
0	5744.9872
10	5744.9680
20	5744.9648
30	5744.9400
40	5744.9260
Maximum Deviation (MHz)	0.0740
Maximum Deviation (ppm)	12.8808

APPENDIX I TRANSMIT POWER CONTROL (TPC)

CONTINUE ON NEXT PAGE

Test Mode	UNII-2A

CCD Mode

Frequency (MHz)	Maximum Conducted Power (dBm)	Antenna Gain (dBi)	Maximum EIRP Power (dBm)	Maximum EIRP Power (mW)	**Remark**
5260 to 5320	17.82	3.4	21.22	132.4342	**NOTE (2)**

Beamforming Mode

Frequency (MHz)	Maximum Conducted Power (dBm)	Antenna Gain (dBi)	Beamforming Gain (dB)	Maximum EIRP Power (dBm)	Maximum EIRP Power (mW)	**Remark**
5260 to 5320	13.09	9.42	4.46	26.97	497.7371	**NOTE (2)**

Test Mode	UNII-2C

Frequency (MHz)	Maximum Conducted Power (dBm)	Antenna Gain (dBi)	Maximum EIRP Power (dBm)	Maximum EIRP Power (mW)	**Remark**
5500 to 5700	21.67	3.5	25.17	328.8516	**NOTE (2)**

NOTE:
(1) EIRP Power (dBm) = Conducted Power (dBm) + Antenna Gain (dBi).
Power (mW) = 1 mW * $10^{(dBm / 10)}$.
(2) A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

End of Test Report