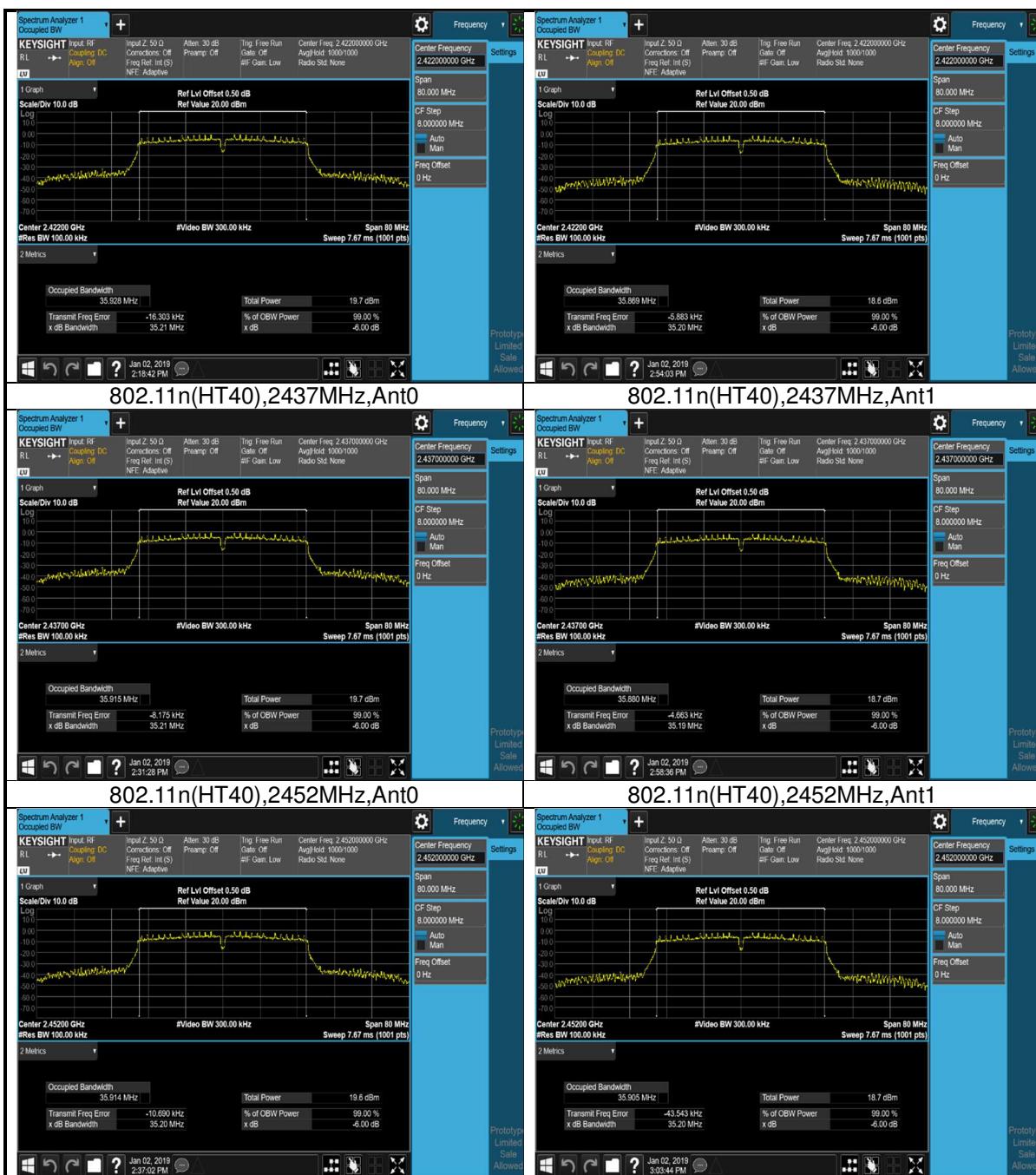


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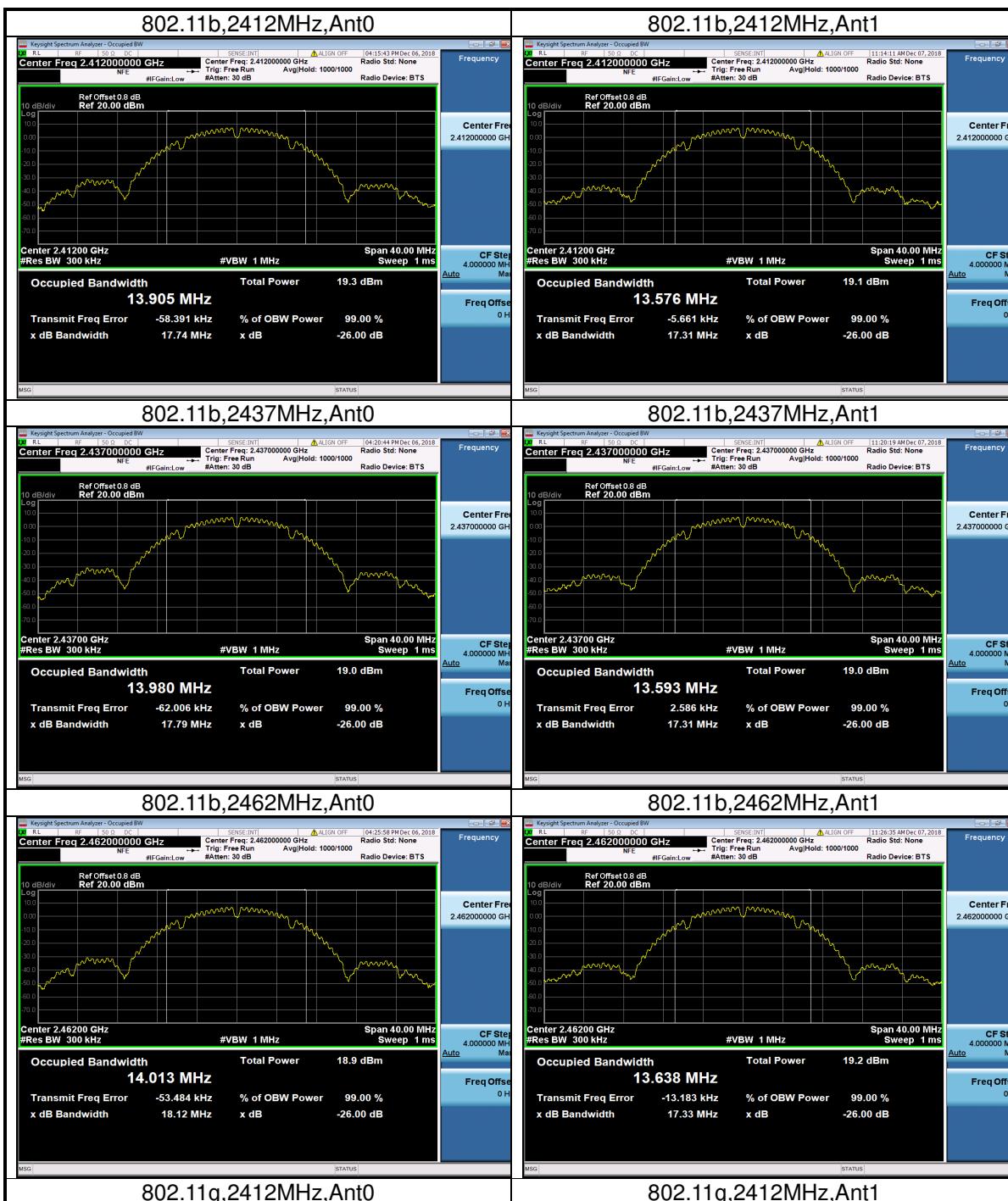
## 3. Occupied Bandwidth

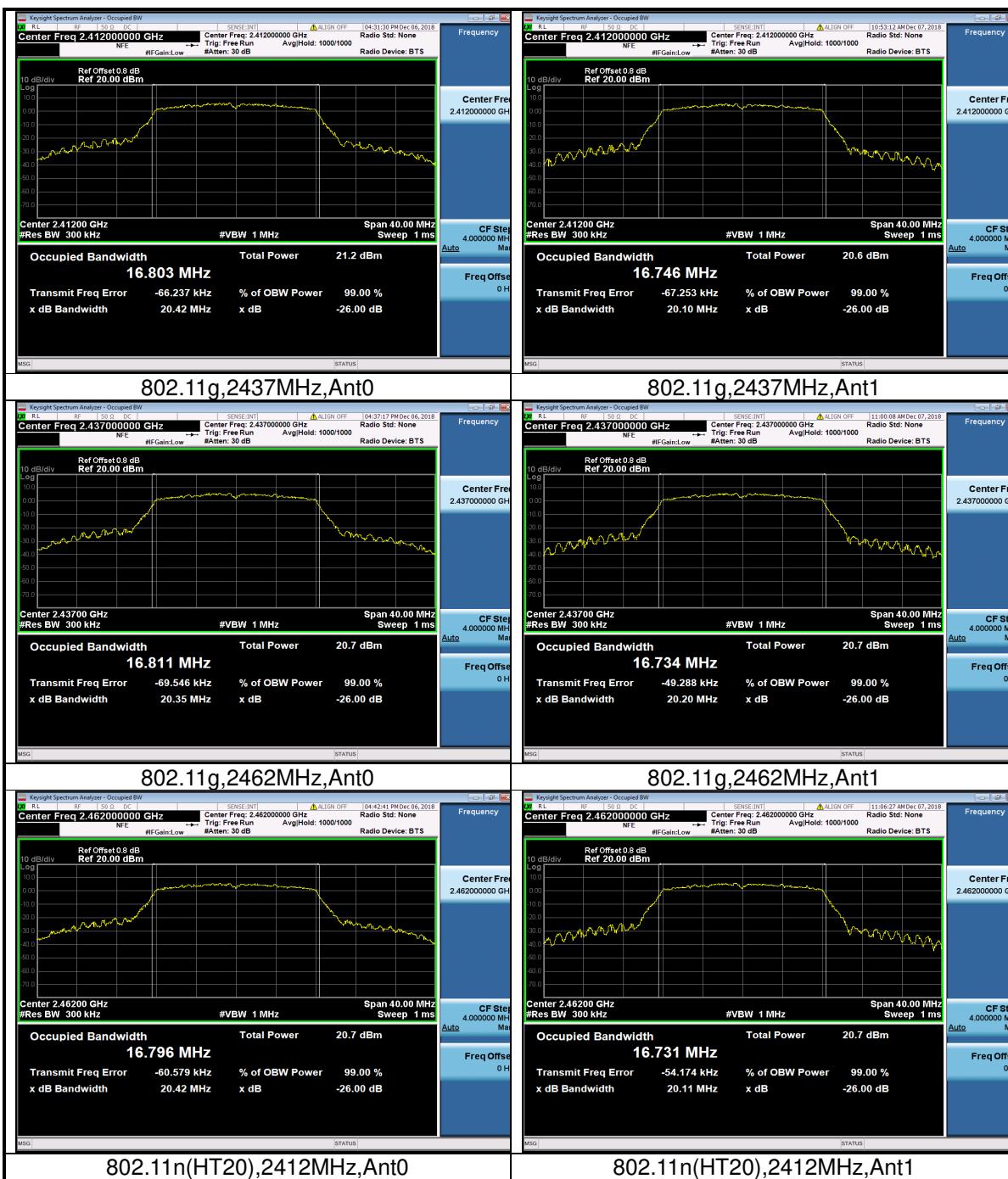
## 3.1 Test Data

WLAN 99% Occupied Bandwidth				
Mode	Test Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Result
802.11b	2412	Ant0	13.905	Pass
802.11b	2412	Ant1	13.576	Pass
802.11b	2437	Ant0	13.980	Pass
802.11b	2437	Ant1	13.593	Pass
802.11b	2462	Ant0	14.013	Pass
802.11b	2462	Ant1	13.638	Pass
802.11g	2412	Ant0	16.803	Pass
802.11g	2412	Ant1	16.746	Pass
802.11g	2437	Ant0	16.811	Pass
802.11g	2437	Ant1	16.734	Pass
802.11g	2462	Ant0	16.796	Pass
802.11g	2462	Ant1	16.731	Pass
802.11n (HT20)	2412	Ant0	17.738	Pass
802.11n (HT20)	2412	Ant1	17.679	Pass
802.11n (HT20)	2437	Ant0	17.768	Pass
802.11n (HT20)	2437	Ant1	17.686	Pass
802.11n (HT20)	2462	Ant0	17.759	Pass
802.11n (HT20)	2462	Ant1	17.681	Pass
802.11n (HT40)	2422	Ant0	36.468	Pass
802.11n (HT40)	2422	Ant1	36.251	Pass
802.11n (HT40)	2437	Ant0	36.434	Pass
802.11n (HT40)	2437	Ant1	36.279	Pass
802.11n (HT40)	2452	Ant0	36.390	Pass
802.11n (HT40)	2452	Ant1	36.314	Pass

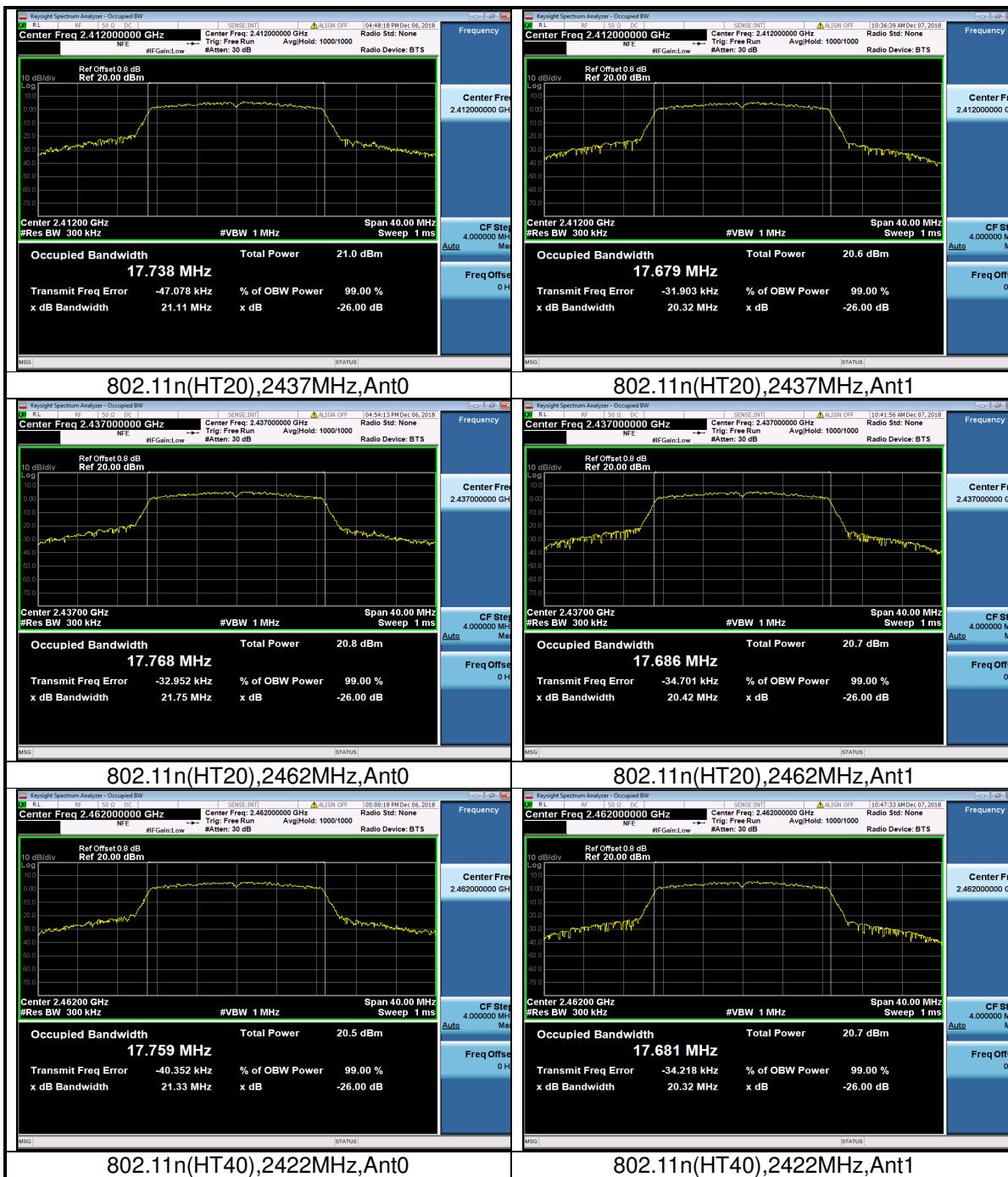
## 3.2 Test Plots

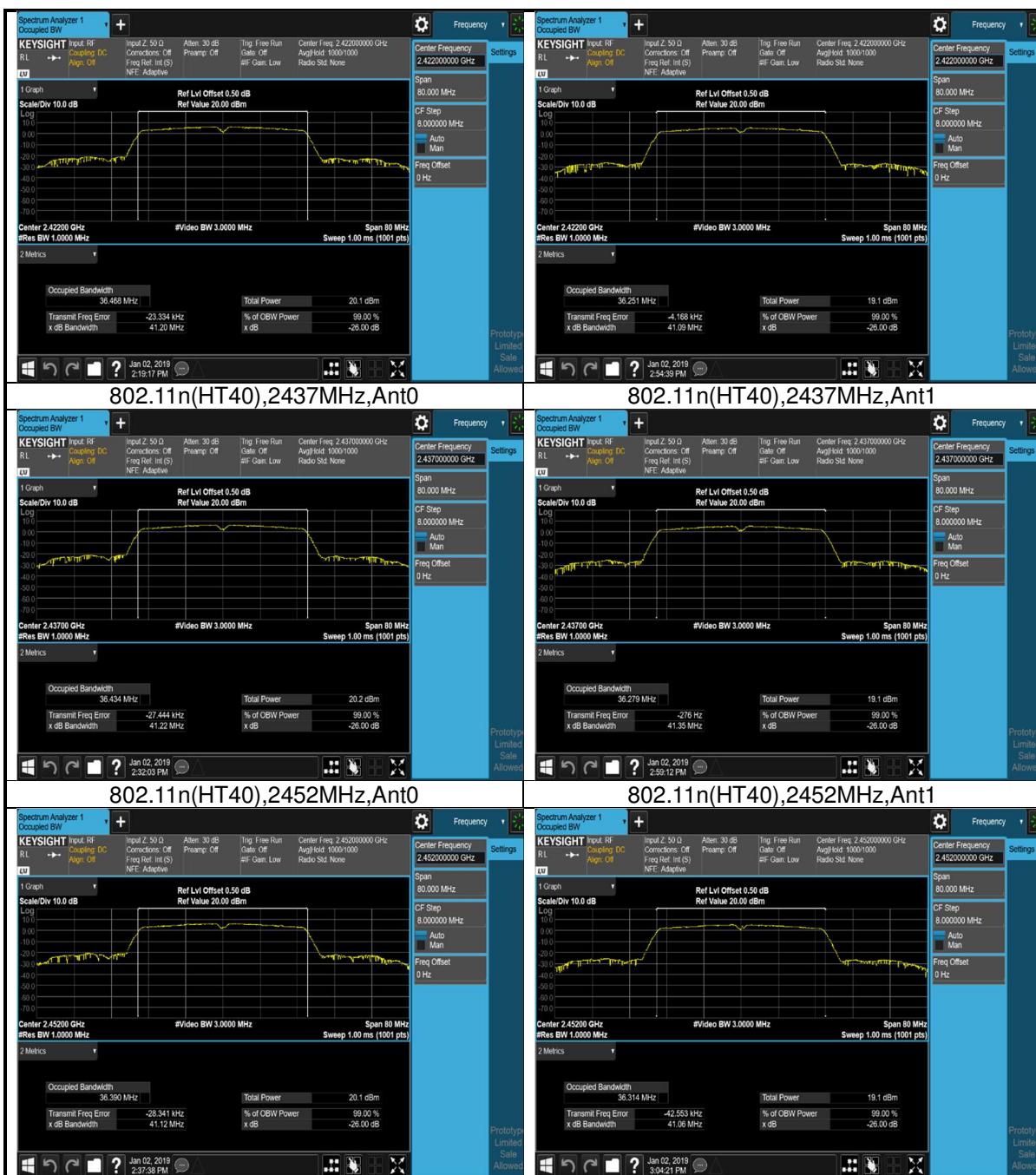
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## 4. Maximum conducted output power and e.i.r.p

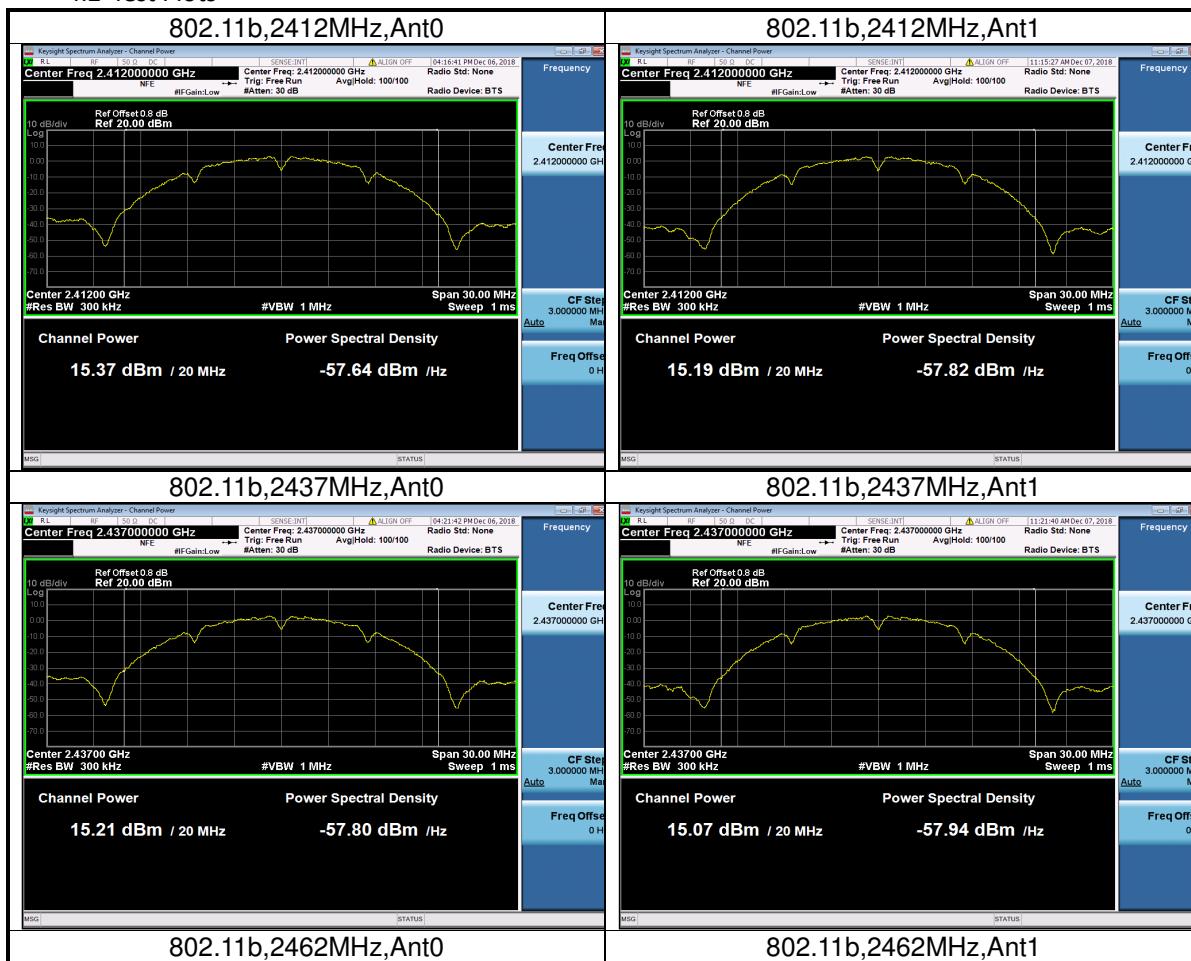
## 4.1 Test Data

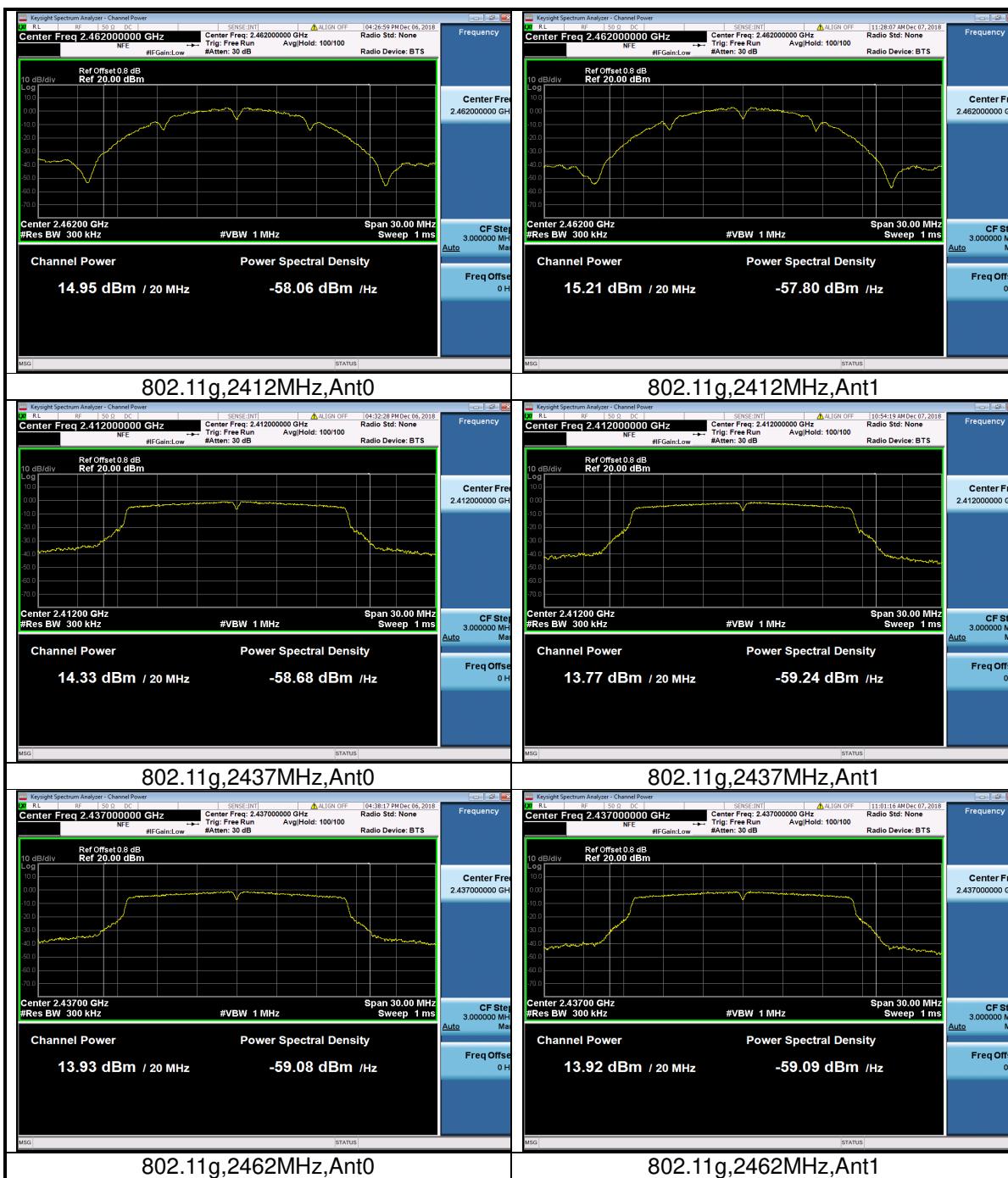
Mode	WLAN AVGSA Output Power							
	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Max power or Total power	Limit (dBm)	EIRP (dBm)	Result
802.11b	2412	Ant0	0.00	15.37	15.37	30	17.67	Pass
802.11b	2412	Ant1	0.00	15.19	15.19	30	17.49	Pass
802.11b	2437	Ant0	0.00	15.21	15.21	30	17.51	Pass
802.11b	2437	Ant1	0.00	15.07	15.07	30	17.37	Pass
802.11b	2462	Ant0	0.00	14.95	14.95	30	17.25	Pass
802.11b	2462	Ant1	0.00	15.21	15.21	30	17.51	Pass
802.11g	2412	Ant0	0.09	14.42	14.42	30	16.72	Pass
802.11g	2412	Ant1	0.12	13.89	13.89	30	16.19	Pass
802.11g	2437	Ant0	0.12	14.05	14.05	30	16.35	Pass
802.11g	2437	Ant1	0.12	14.04	14.04	30	16.34	Pass
802.11g	2462	Ant0	0.12	13.98	13.98	30	16.28	Pass
802.11g	2462	Ant1	0.12	13.97	13.97	30	16.27	Pass
802.11n (HT20)	2412	Ant0	0.10	14.21	17.01	30	19.31	Pass
802.11n (HT20)	2412	Ant1	0.13	13.78				
802.11n (HT20)	2437	Ant0	0.13	13.90	16.88	30	19.18	Pass
802.11n (HT20)	2437	Ant1	0.10	13.84				
802.11n (HT20)	2462	Ant0	0.13	13.86	16.85	30	19.15	Pass
802.11n (HT20)	2462	Ant1	0.10	13.82				
802.11n (HT40)	2422	Ant0	0.20	12.24	14.76	30	17.06	Pass
802.11n (HT40)	2422	Ant1	0.23	11.20				
802.11n (HT40)	2437	Ant0	0.20	12.31	14.86	30	17.16	Pass
802.11n (HT40)	2437	Ant1	0.23	11.33				
802.11n (HT40)	2452	Ant0	0.20	12.29	14.83	30	17.13	Pass
802.11n (HT40)	2452	Ant1	0.23	11.29				

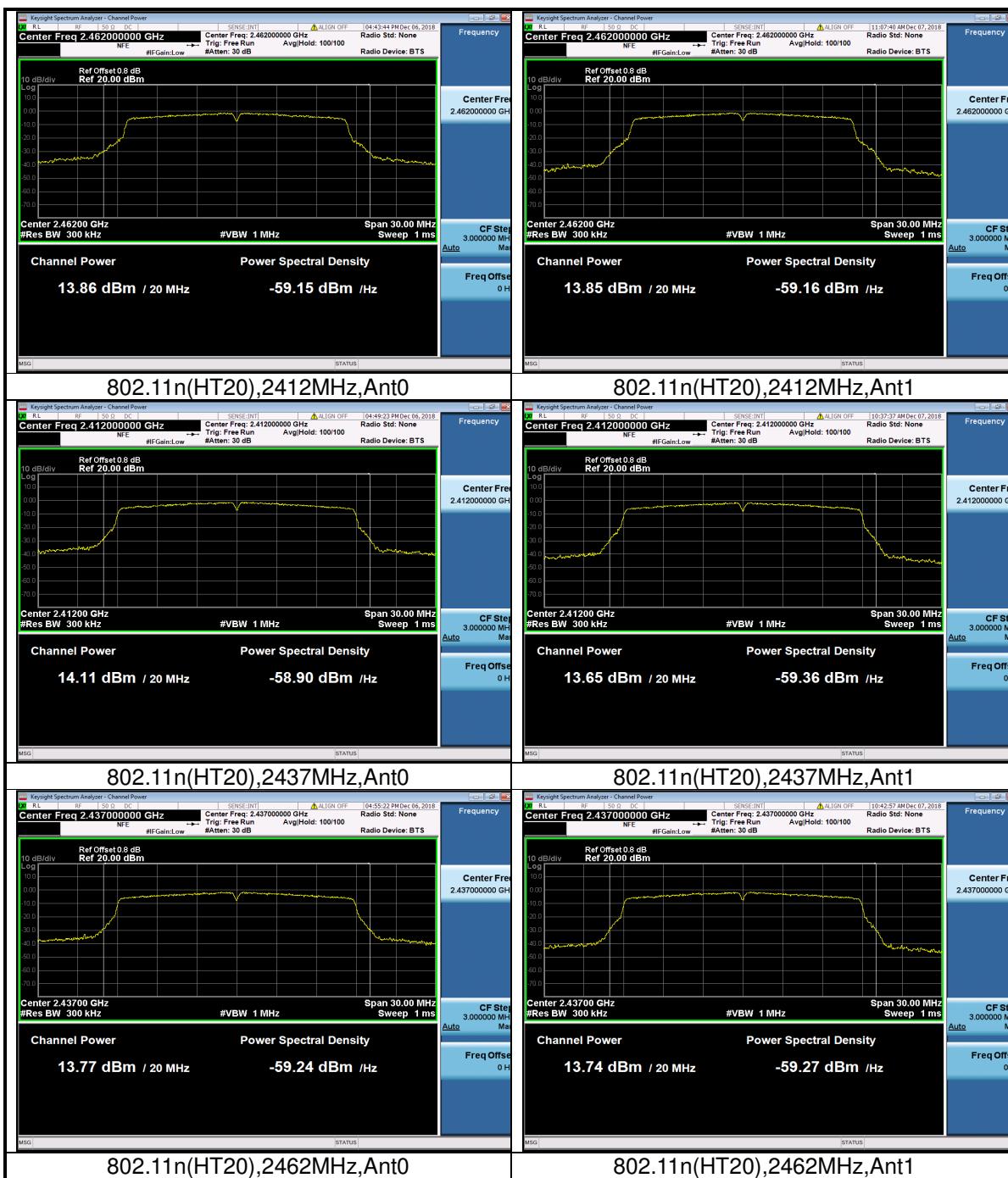
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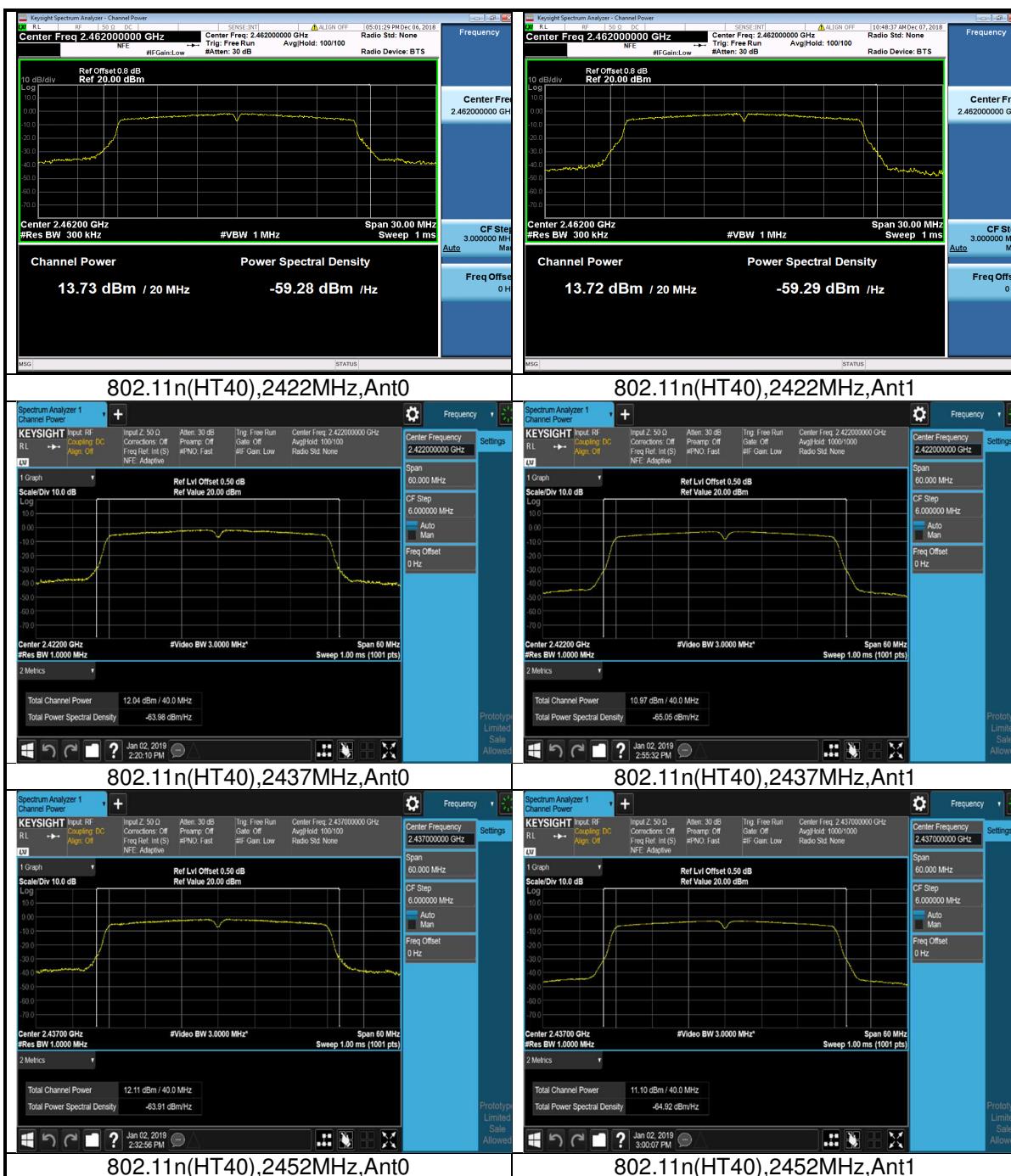
The max EIRP is caculated as below:

WLAN AVGSA Output Power								
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Max power or Total power	EIRP (dBm)	EIRP (mW)	Result
802.11n (HT20)	2412	Ant0	0.10	14.21	17.01	19.31	85.32	Pass
802.11n (HT20)	2412	Ant1	0.13	13.78				

**4.2 Test Plots**


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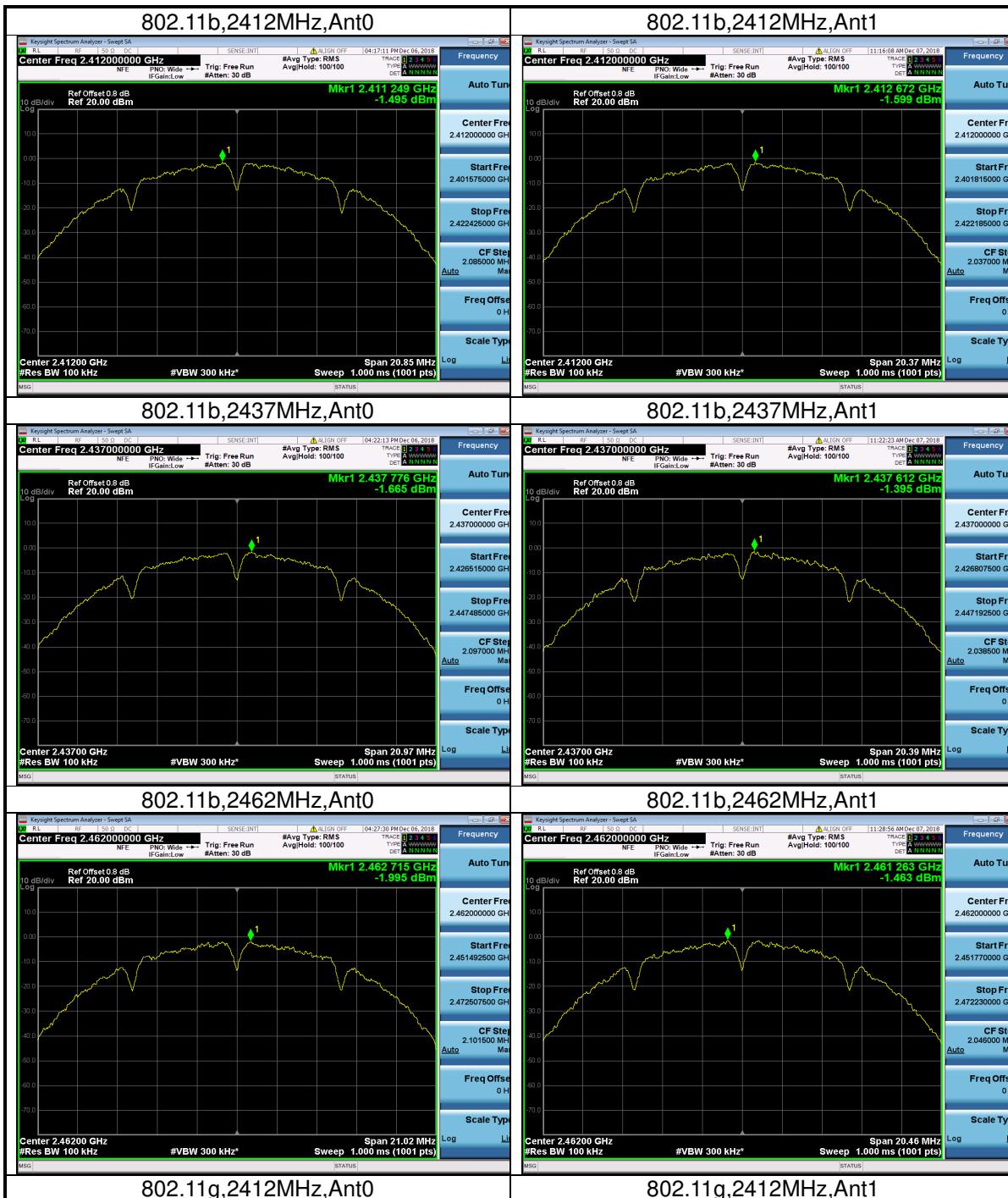
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**5. Power spectrum density**
**5.1 Test Data**

WLAN AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11b	2412	Ant0	0.00	-1.495	100	8	Pass
802.11b	2412	Ant1	0.00	-1.599	100	8	Pass
802.11b	2437	Ant0	0.00	-1.665	100	8	Pass
802.11b	2437	Ant1	0.00	-1.395	100	8	Pass
802.11b	2462	Ant0	0.00	-1.995	100	8	Pass
802.11b	2462	Ant1	0.00	-1.463	100	8	Pass
802.11g	2412	Ant0	0.09	-4.202	100	8	Pass
802.11g	2412	Ant1	0.12	-5.247	100	8	Pass
802.11g	2437	Ant0	0.12	-4.462	100	8	Pass
802.11g	2437	Ant1	0.12	-4.936	100	8	Pass
802.11g	2462	Ant0	0.12	-5.141	100	8	Pass
802.11g	2462	Ant1	0.12	-4.939	100	8	Pass
802.11n (HT20)	2412	Ant0	0.10	-4.810	100	8	Pass
802.11n (HT20)	2412	Ant1	0.13	-5.236	100	8	Pass
802.11n (HT20)	2437	Ant0	0.13	-5.275	100	8	Pass
802.11n (HT20)	2437	Ant1	0.10	-5.449	100	8	Pass
802.11n (HT20)	2462	Ant0	0.13	-4.872	100	8	Pass
802.11n (HT20)	2462	Ant1	0.10	-5.333	100	8	Pass
802.11n (HT40)	2422	Ant0	0.20	-9.972	100	8	Pass
802.11n (HT40)	2422	Ant1	0.23	-11.087	100	8	Pass
802.11n (HT40)	2437	Ant0	0.20	-10.102	100	8	Pass
802.11n (HT40)	2437	Ant1	0.23	-11.147	100	8	Pass
802.11n (HT40)	2452	Ant0	0.20	-10.182	100	8	Pass
802.11n (HT40)	2452	Ant1	0.23	-11.445	100	8	Pass

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**5.2 Test Plots**


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**6. Emission outside the frequency band**
**6.1 Test Data**

WLAN Transmitter Spurious Emission						
Mode	Test Frequency (MHz)	Ant	Plot No.	Frequency Range	Emission (dBm)	Result
802.11b	2412	Ant0	1	Reference Level	5.66	Pass
802.11b	2412	Ant0	2	Band Edge	-32.94	Pass
802.11b	2412	Ant0	3	30MHz~2310MHz	-57.43	Pass
802.11b	2412	Ant0	4	2500MHz~5000MHz	-42.44	Pass
802.11b	2412	Ant0	5	5000MHz~25000MHz	-44.22	Pass
802.11b	2412	Ant1	1	Reference Level	5.48	Pass
802.11b	2412	Ant1	2	Band Edge	-37.90	Pass
802.11b	2412	Ant1	3	30MHz~2310MHz	-57.84	Pass
802.11b	2412	Ant1	4	2500MHz~5000MHz	-48.99	Pass
802.11b	2412	Ant1	5	5000MHz~25000MHz	-43.98	Pass
802.11b	2437	Ant0	1	Reference Level	5.46	Pass
802.11b	2437	Ant0	2	Band Edge	-57.35	Pass
802.11b	2437	Ant0	3	30MHz~2310MHz	-57.26	Pass
802.11b	2437	Ant0	4	2500MHz~5000MHz	-42.44	Pass
802.11b	2437	Ant0	5	5000MHz~25000MHz	-43.36	Pass
802.11b	2437	Ant1	1	Reference Level	5.42	Pass
802.11b	2437	Ant1	2	Band Edge	-57.12	Pass
802.11b	2437	Ant1	3	30MHz~2310MHz	-57.68	Pass
802.11b	2437	Ant1	4	2500MHz~5000MHz	-50.52	Pass
802.11b	2437	Ant1	5	5000MHz~25000MHz	-44.36	Pass
802.11b	2462	Ant0	1	Reference Level	5.48	Pass
802.11b	2462	Ant0	2	Band Edge	-55.17	Pass
802.11b	2462	Ant0	3	30MHz~2310MHz	-57.50	Pass
802.11b	2462	Ant0	4	2500MHz~5000MHz	-41.80	Pass
802.11b	2462	Ant0	5	5000MHz~25000MHz	-43.99	Pass
802.11b	2462	Ant1	1	Reference Level	5.51	Pass
802.11b	2462	Ant1	2	Band Edge	-55.26	Pass