

## Appendix C

### RF Test Data for 2.4G WIFI (Conducted Measurement)

**Product Name:** LTE GSM/WCDMA Smartphone

**Trade Mark:** DOOGEE

**Test Model:** X60L

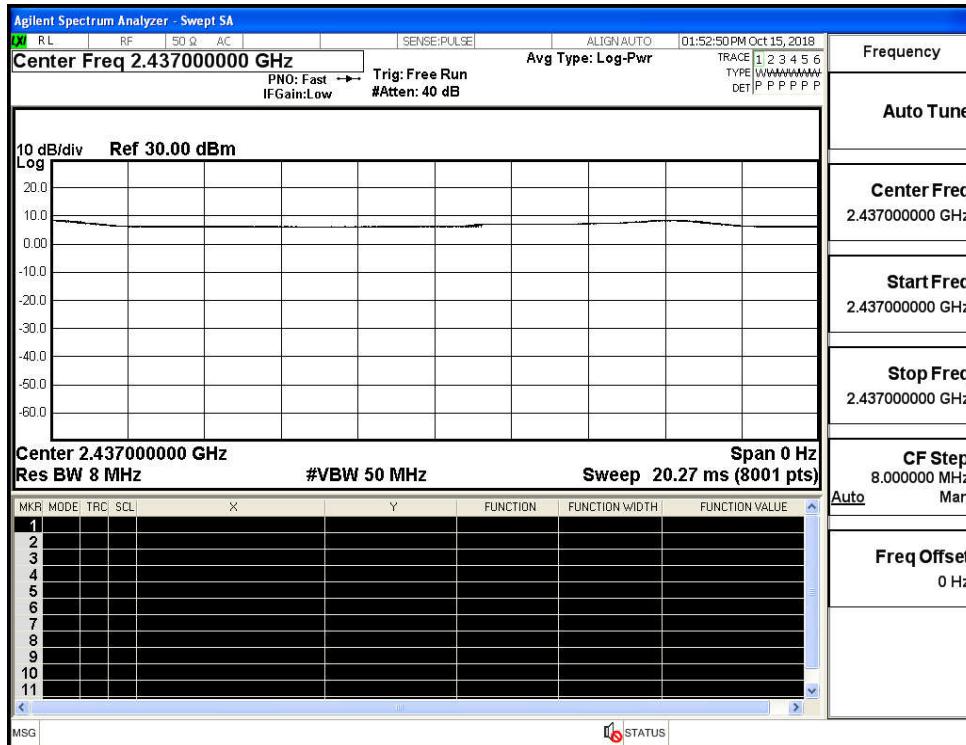
#### Environmental Conditions

Temperature:	23.5 ° C
Relative Humidity:	53.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Tom.Liu
Supervised by:	Jayden.Zhuo

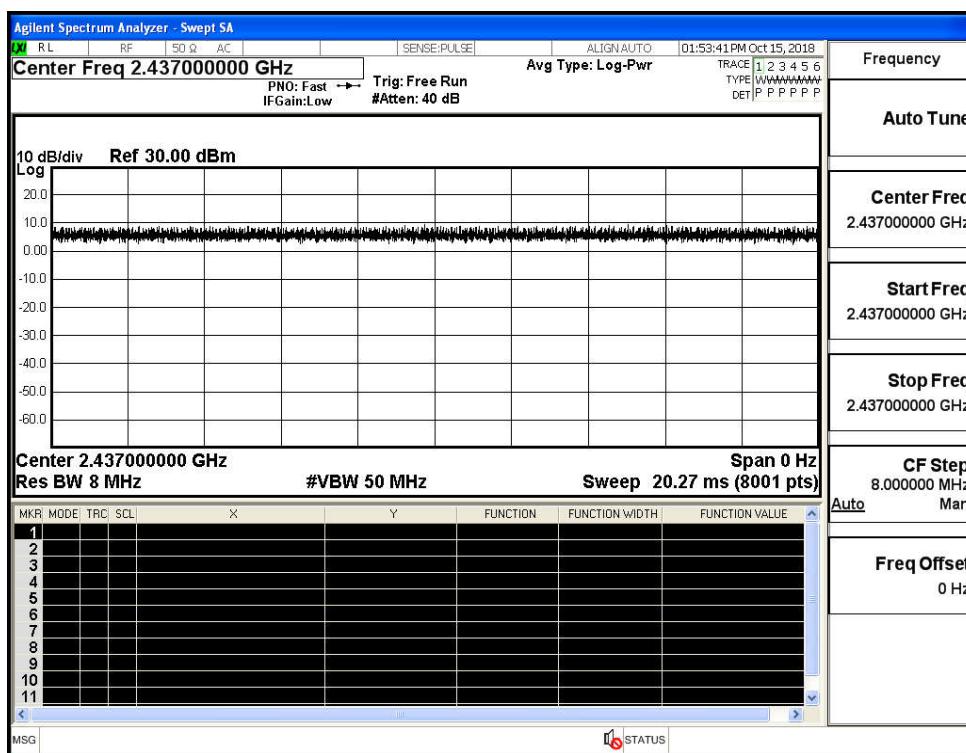
#### C.1 Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant1	100	PASS
11G	2437	Ant1	100	PASS
11N20SISO	2437	Ant1	100	PASS
11N40SISO	2437	Ant1	100	PASS

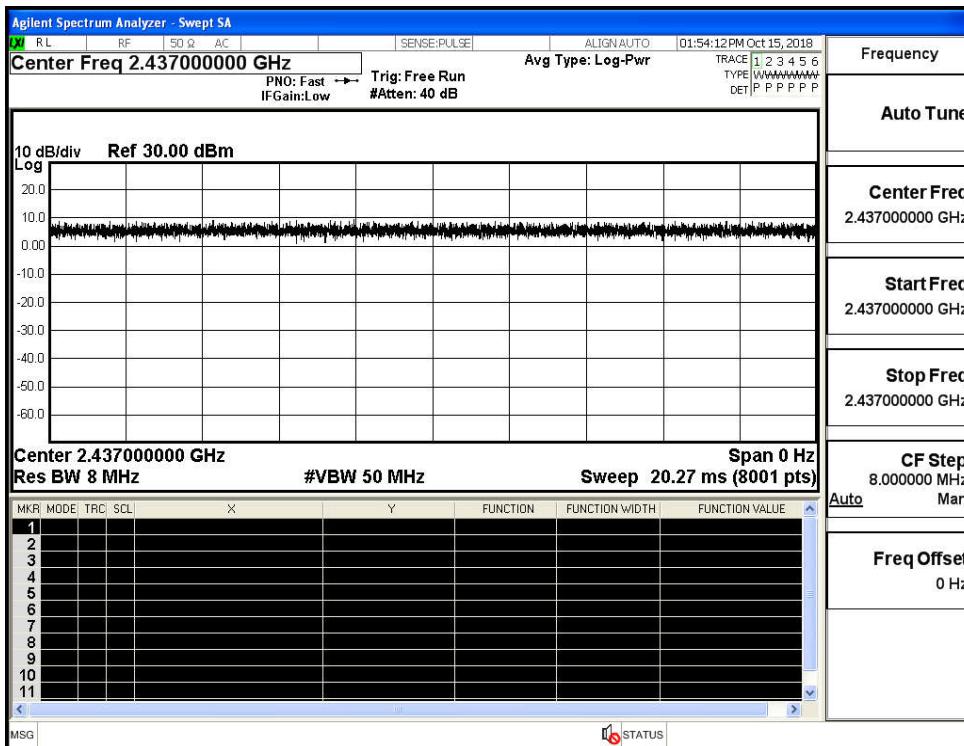
## Duty Cycle\_11B\_2437\_Ant1



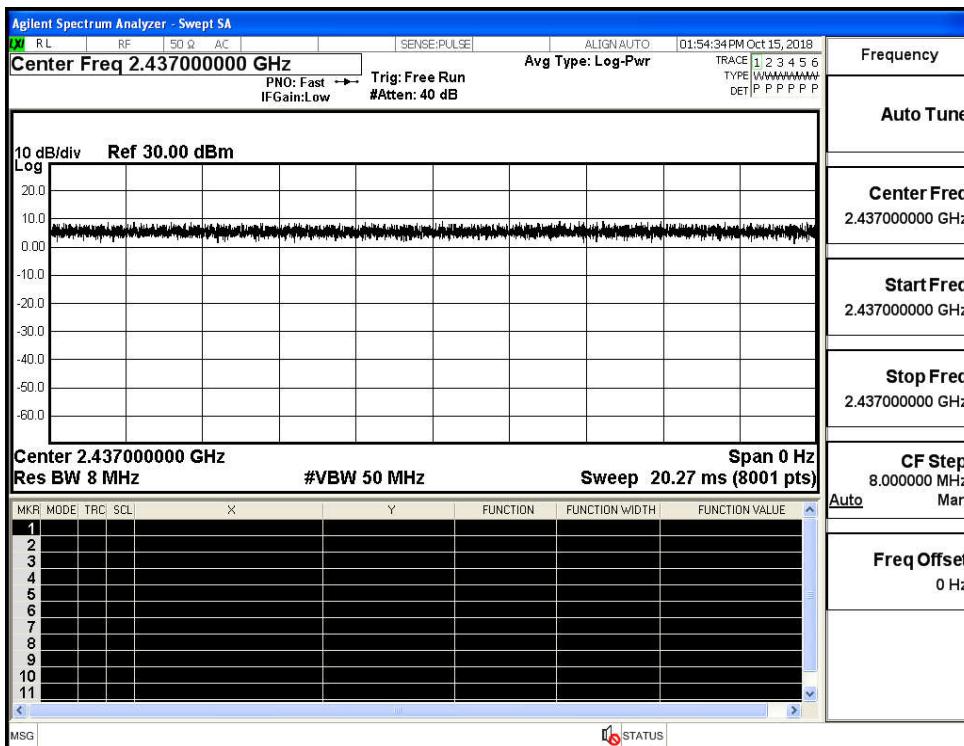
## Duty Cycle\_11G\_2437\_Ant1



## Duty Cycle\_11N20SISO\_2437\_Ant1



## Duty Cycle\_11N40SISO\_2437\_Ant1



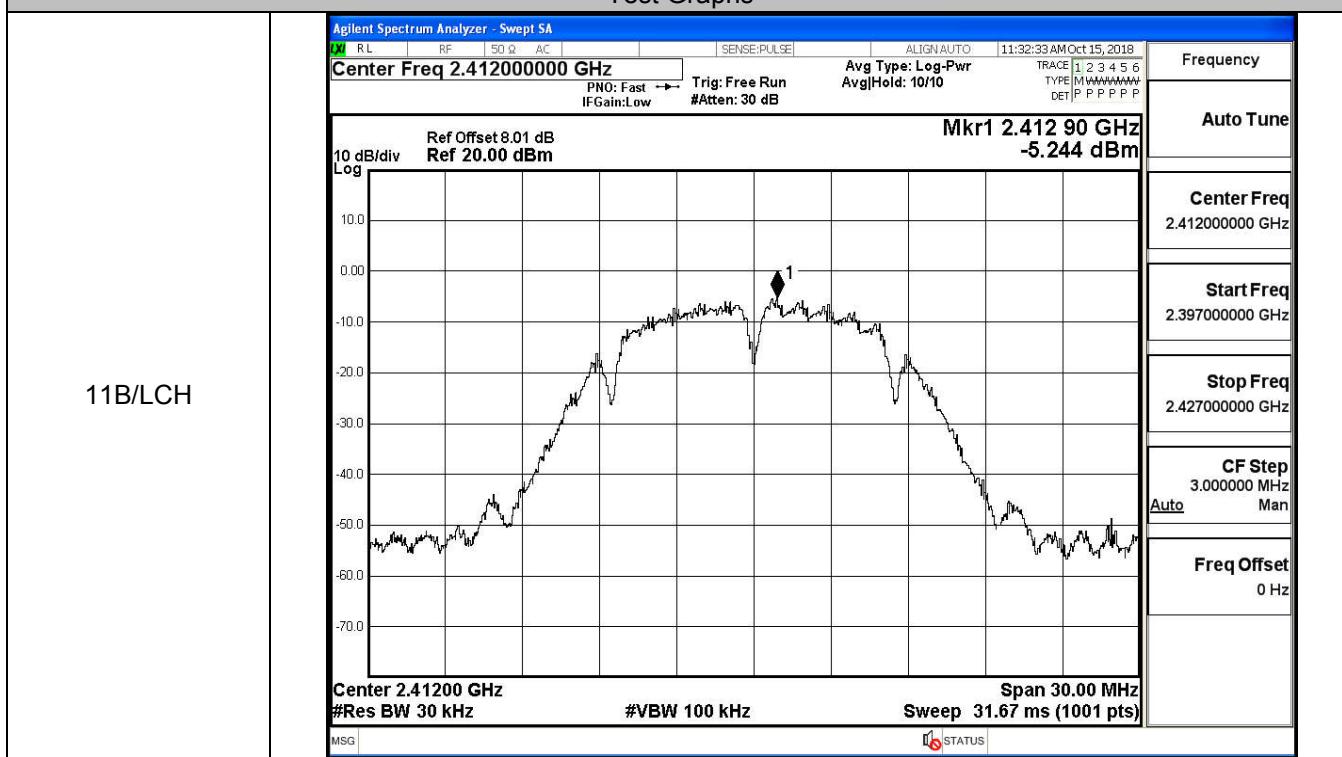
## C.2 Maximum Conducted Output Power

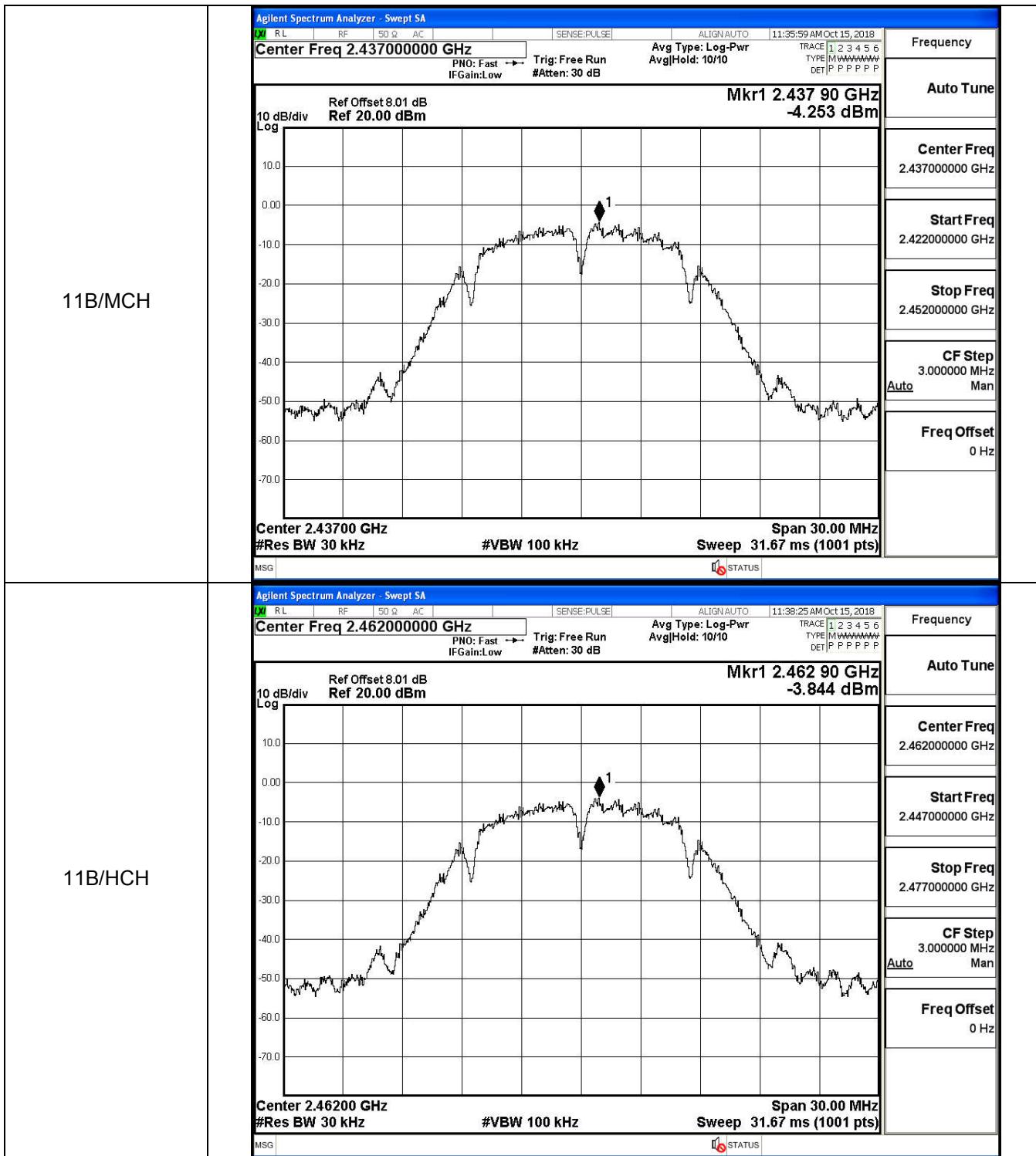
Mode	Channel	Meas.Level [dBm]	Limit [dBm]	Verdict
11B	LCH	15.11	30	PASS
	MCH	15.59	30	PASS
	HCH	16.05	30	PASS
11G	LCH	15.96	30	PASS
	MCH	16.88	30	PASS
	HCH	16.98	30	PASS
11N20SISO	LCH	15.81	30	PASS
	MCH	16.81	30	PASS
	HCH	16.93	30	PASS
11N40SISO	LCH	15.85	30	PASS
	MCH	16.94	30	PASS
	HCH	16.88	30	PASS

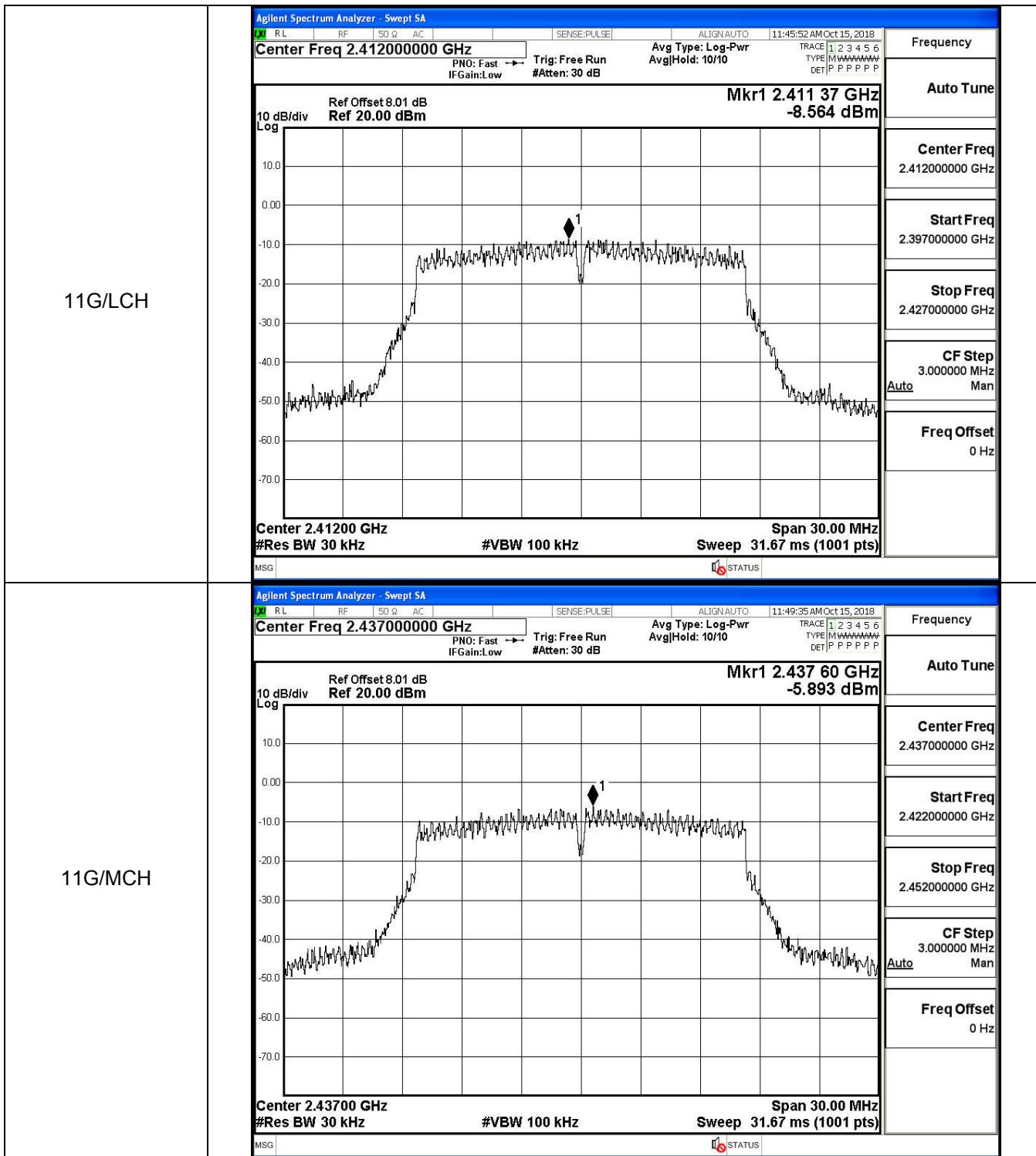
### C.3 Maximum Power Spectral Density

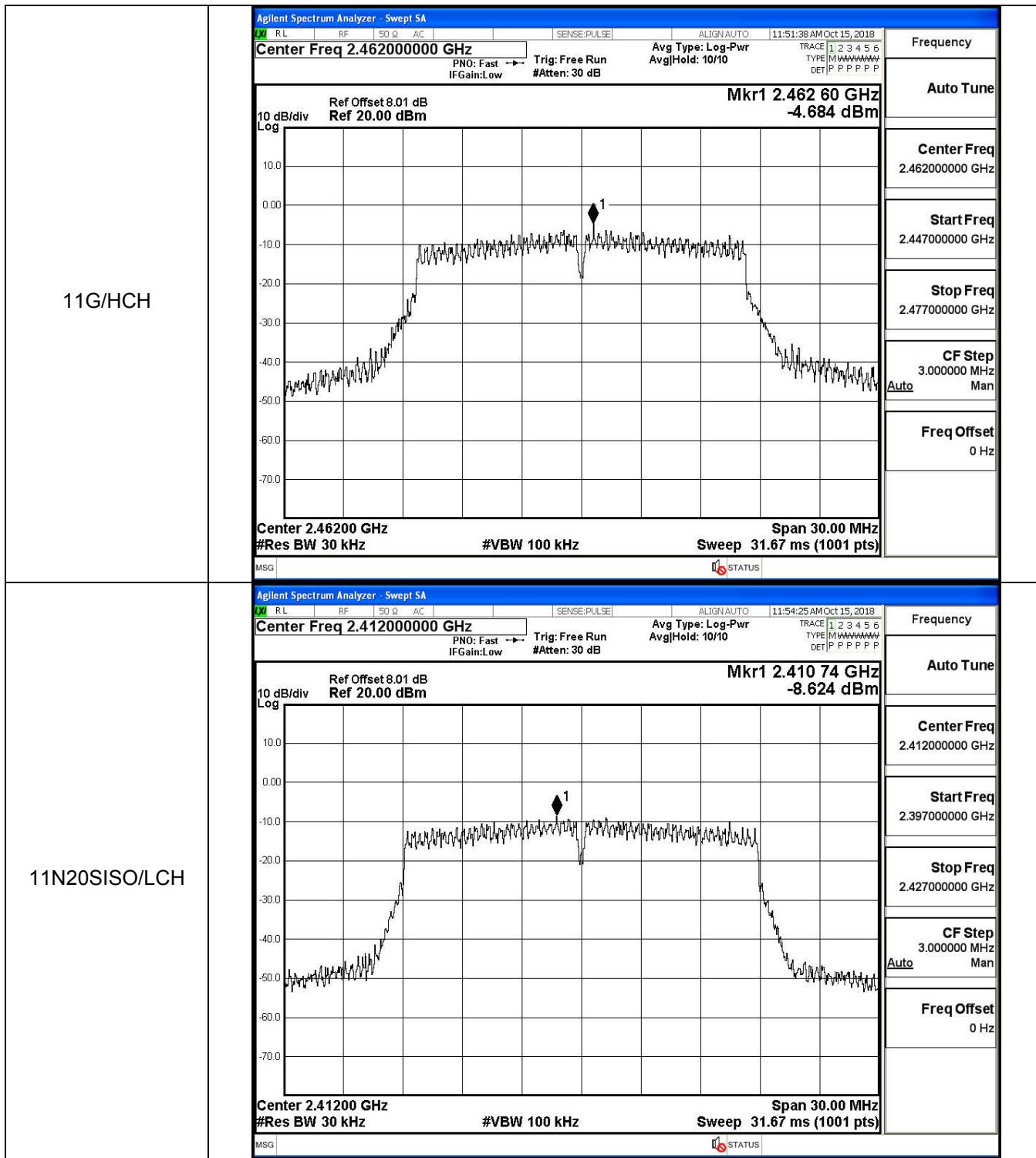
Mode	Channel	Meas.Level [dBm/30KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	-5.244	8	PASS
	MCH	-4.253	8	PASS
	HCH	-3.844	8	PASS
11G	LCH	-8.564	8	PASS
	MCH	-5.893	8	PASS
	HCH	-4.684	8	PASS
11N20SISO	LCH	-8.624	8	PASS
	MCH	-5.221	8	PASS
	HCH	-5.350	8	PASS
11N40SISO	LCH	-9.807	8	PASS
	MCH	-10.145	8	PASS
	HCH	-9.245	8	PASS

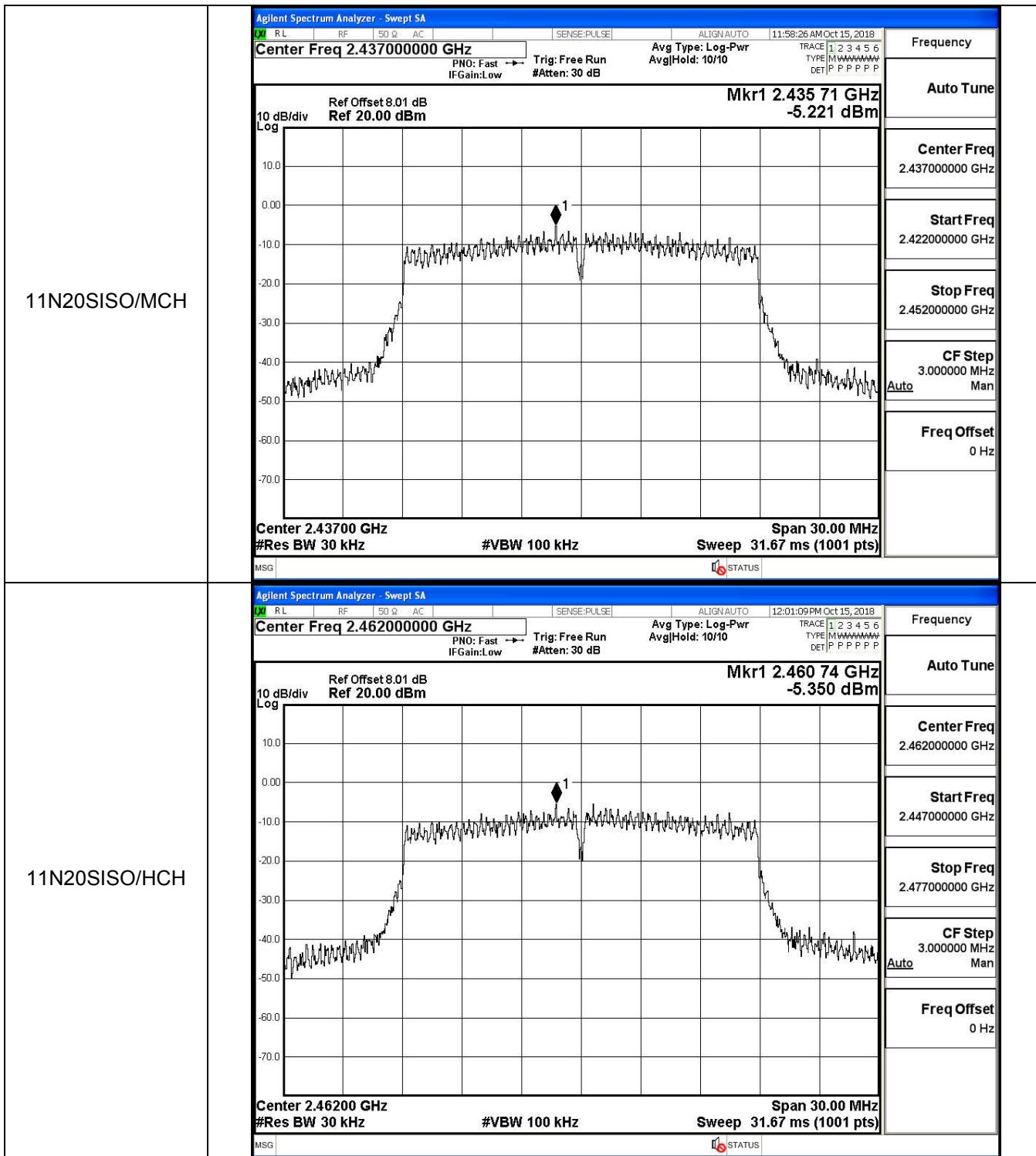
### Test Graphs

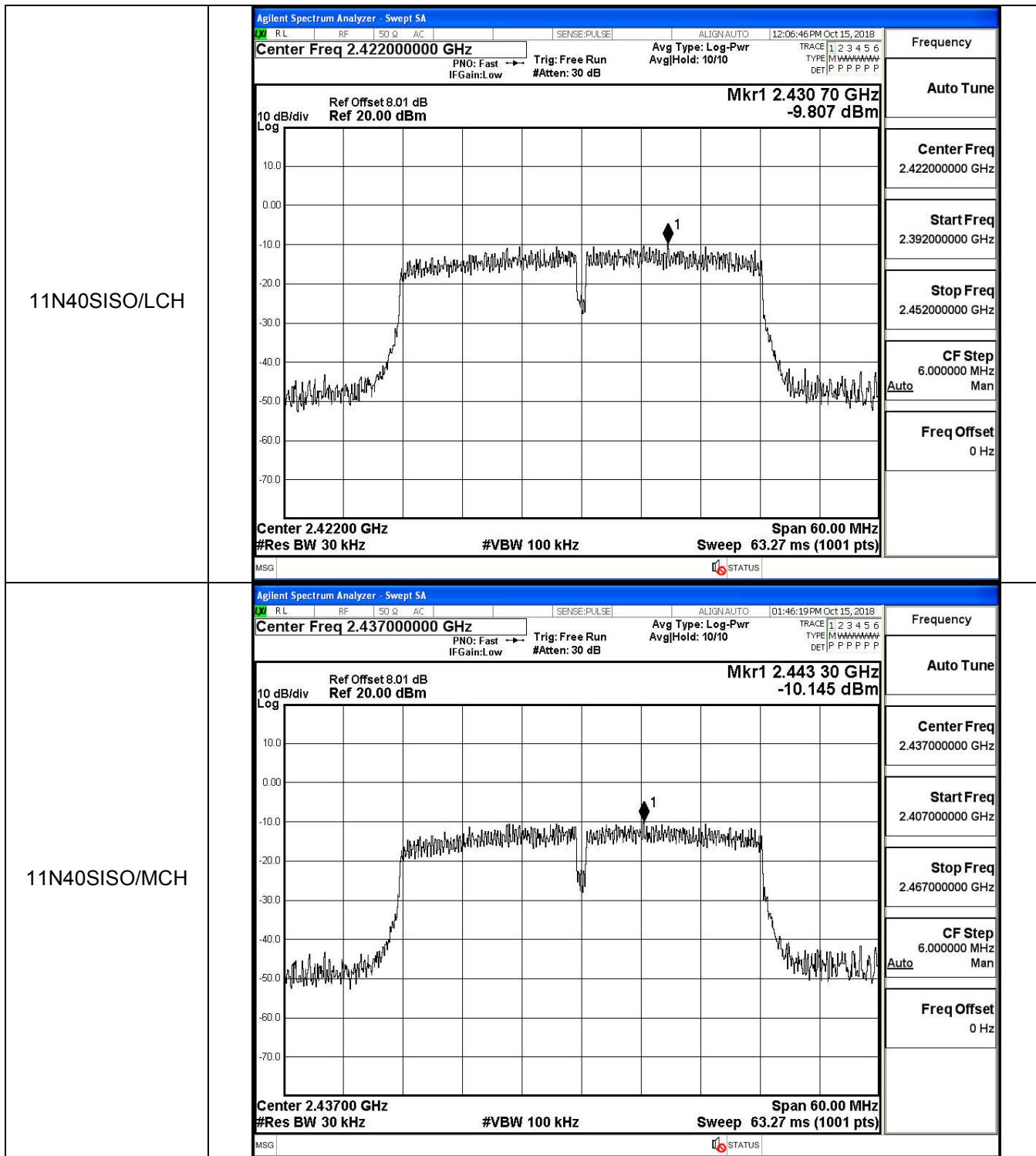


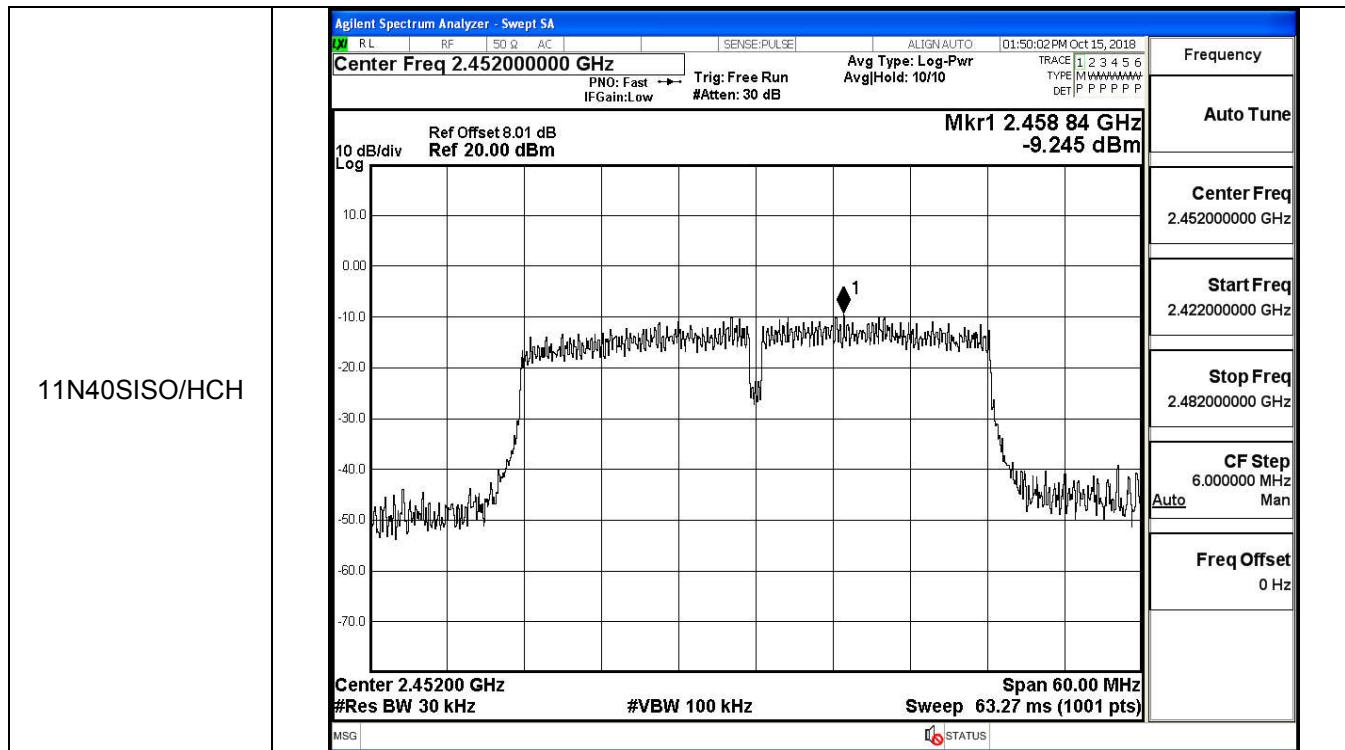








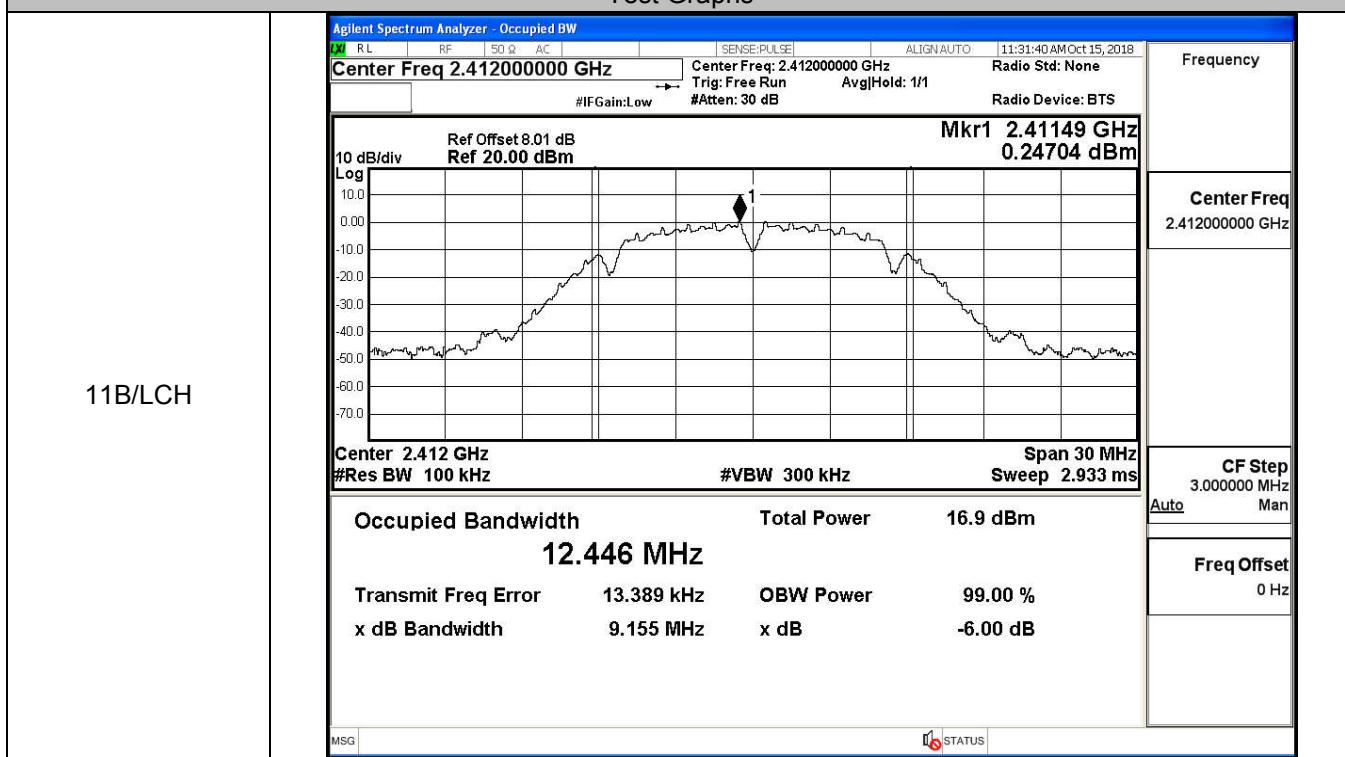


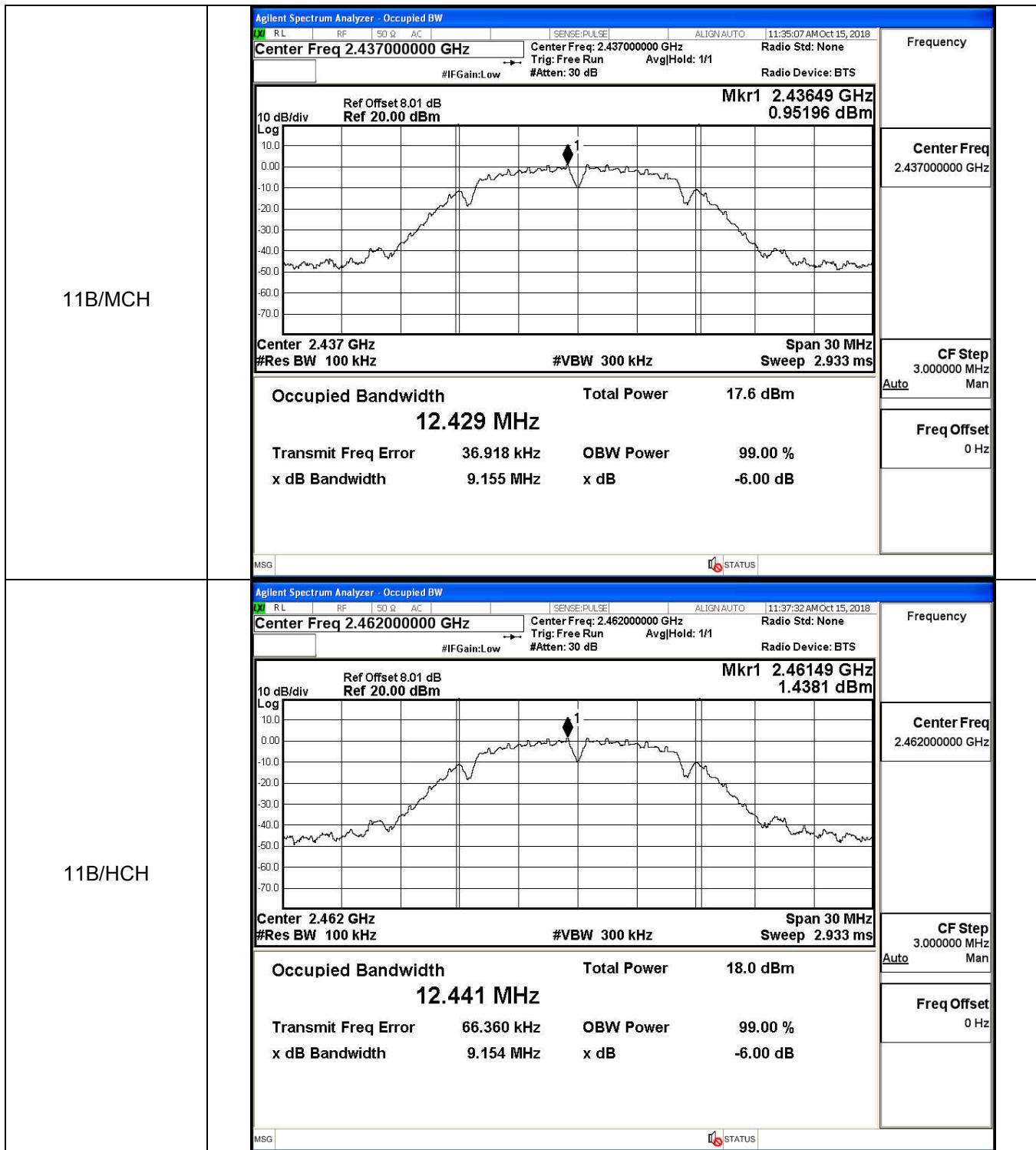


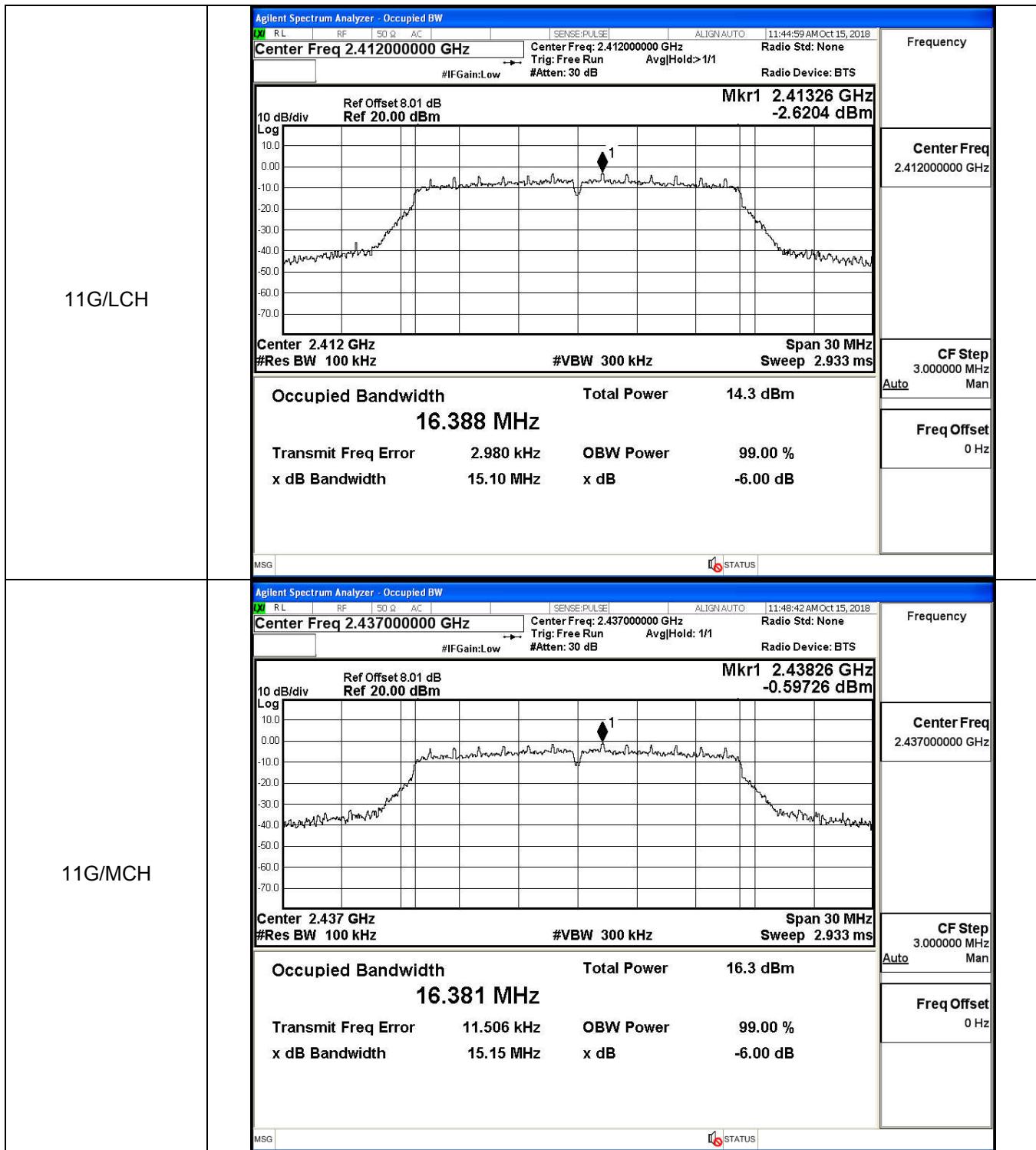
#### C.4 6dB Bandwidth

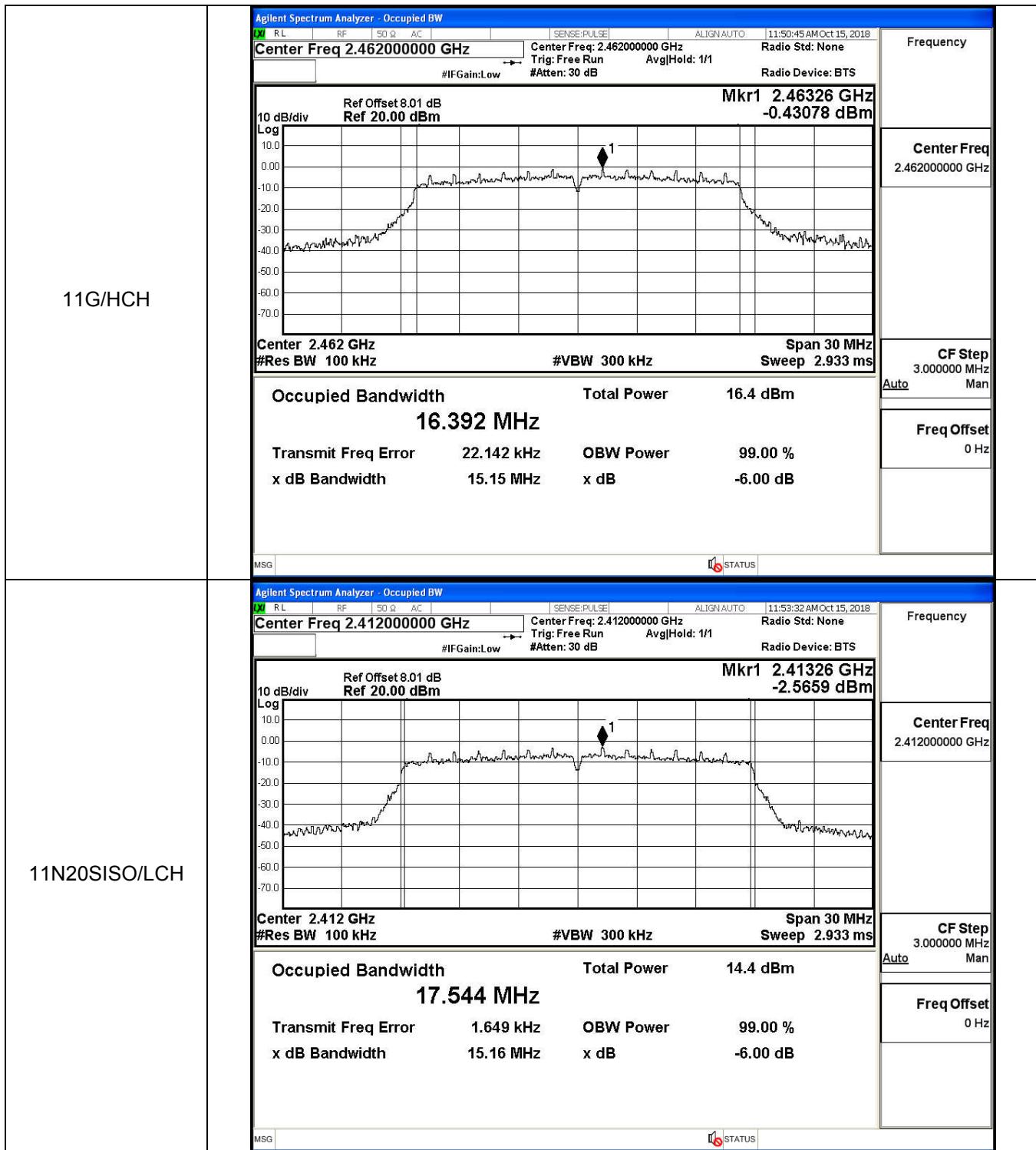
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
11B	LCH	9.155	≥0.5	PASS
	MCH	9.155	≥0.5	PASS
	HCH	9.154	≥0.5	PASS
11G	LCH	15.10	≥0.5	PASS
	MCH	15.15	≥0.5	PASS
	HCH	15.15	≥0.5	PASS
11N20SISO	LCH	15.16	≥0.5	PASS
	MCH	15.46	≥0.5	PASS
	HCH	15.15	≥0.5	PASS
11N40SISO	LCH	35.25	≥0.5	PASS
	MCH	35.49	≥0.5	PASS
	HCH	35.51	≥0.5	PASS

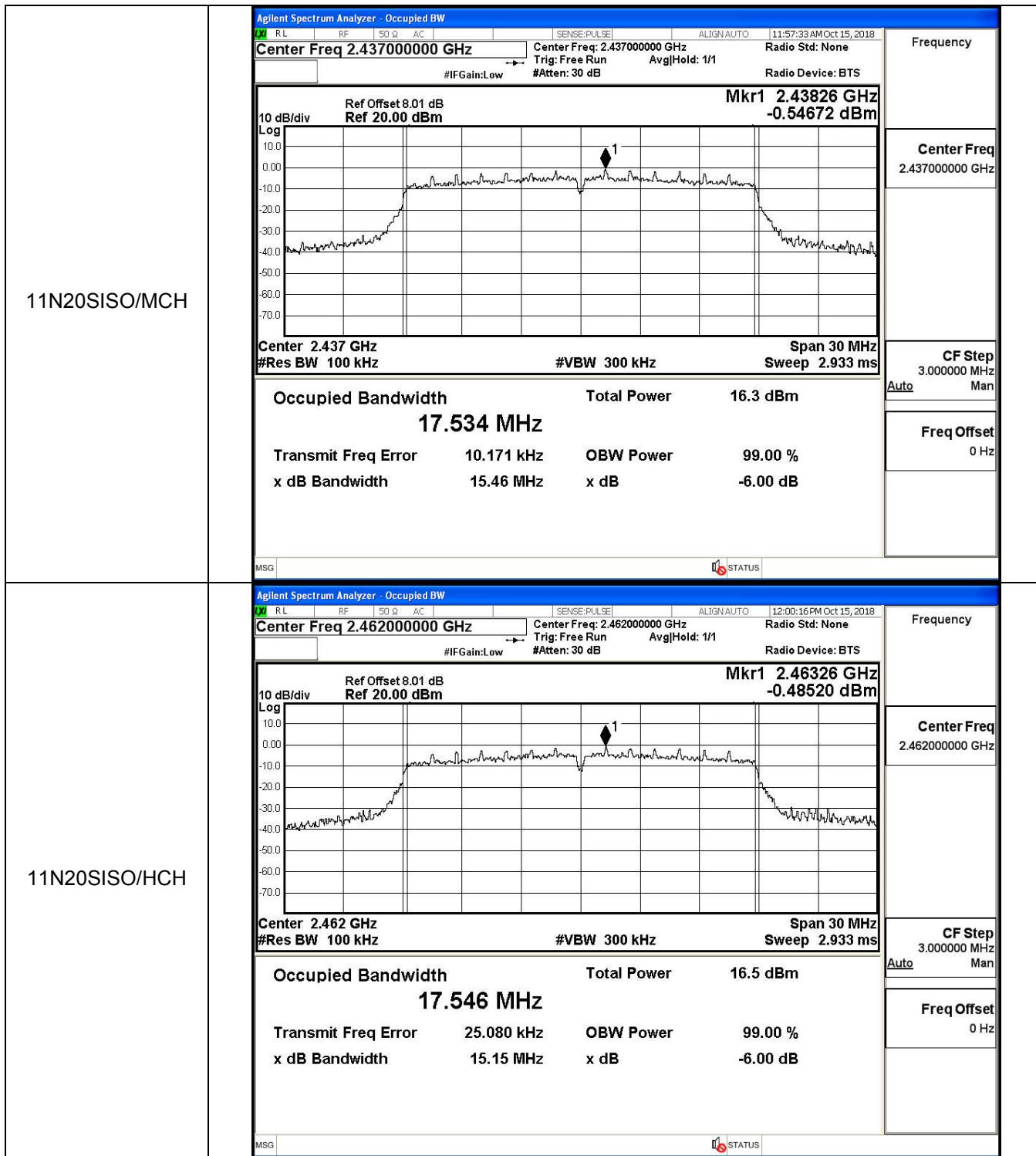
#### Test Graphs

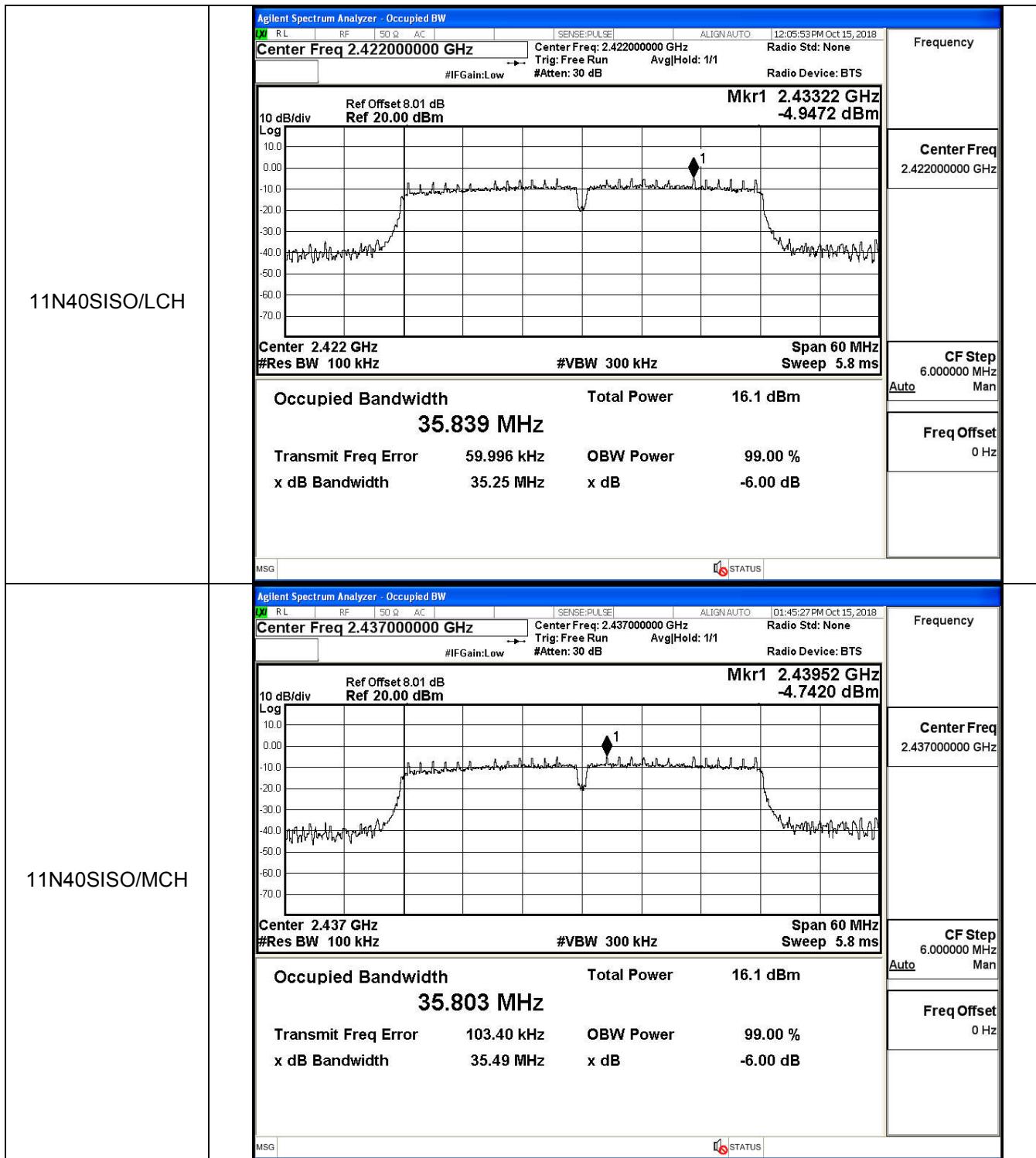


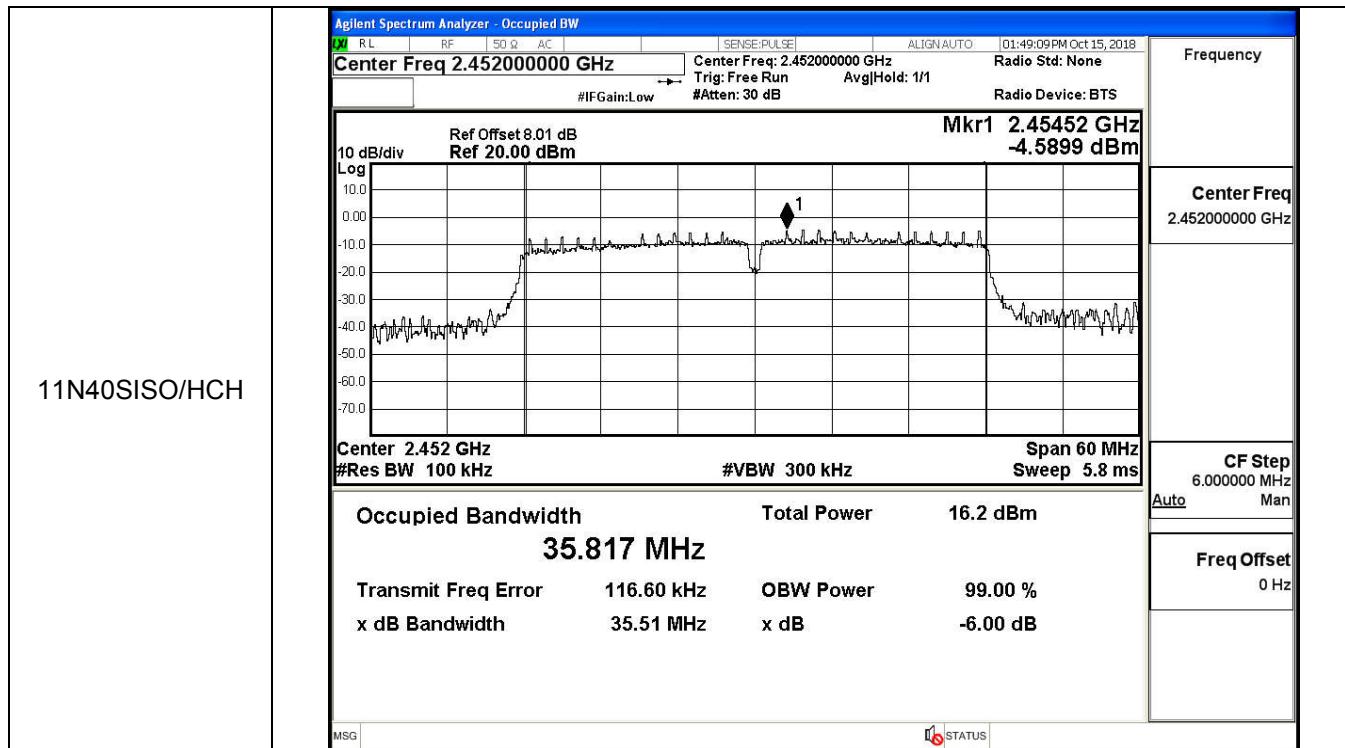






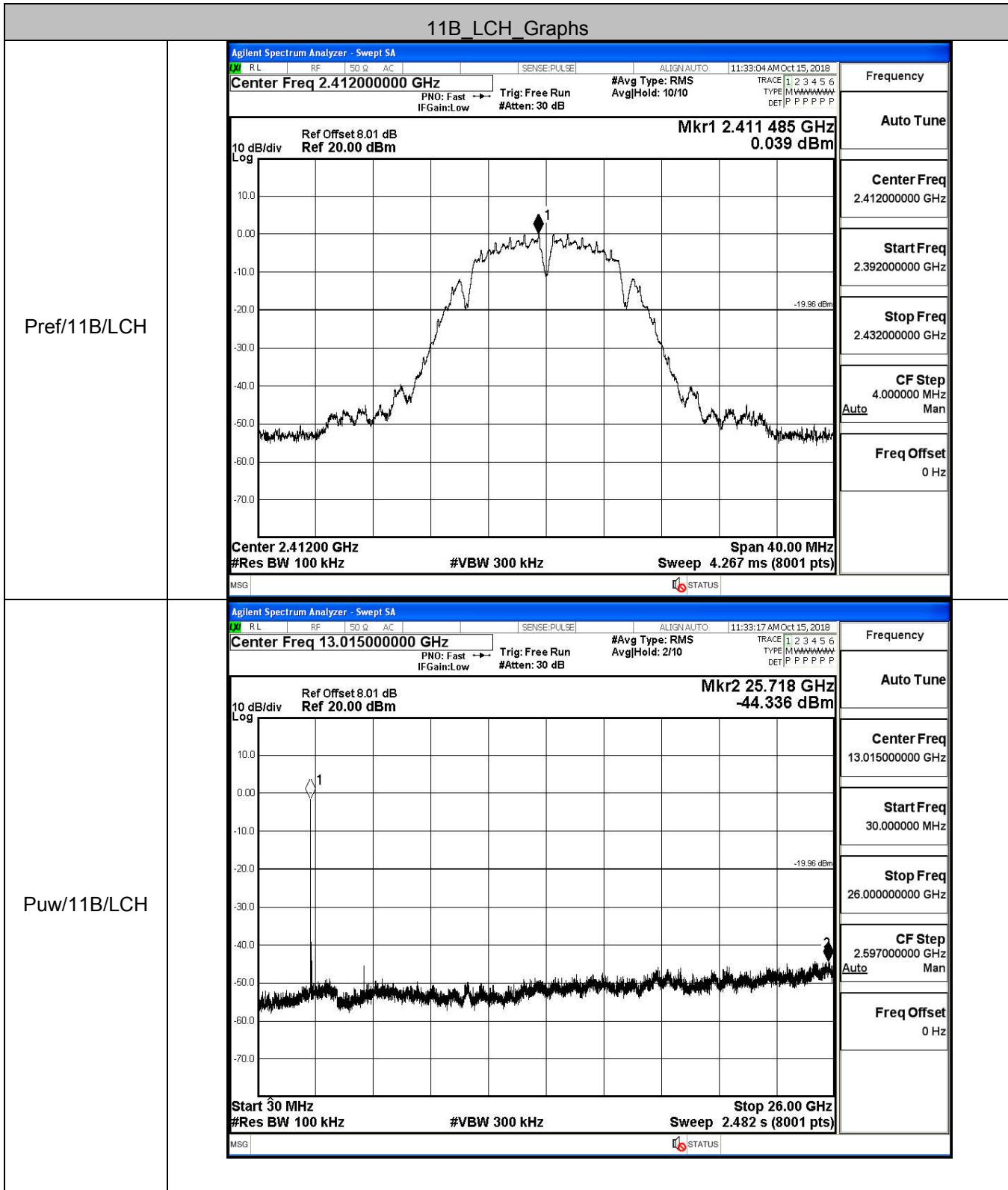






### C.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	0.039	-44.336	-19.961	PASS
	MCH	0.892	-43.001	-19.108	PASS
	HCH	1.344	-42.351	-18.656	PASS
11G	LCH	-3.108	-43.782	-23.108	PASS
	MCH	-0.703	-43.307	-20.703	PASS
	HCH	-0.506	-43.050	-20.506	PASS
11N20 SISO	LCH	-2.735	-44.086	-22.735	PASS
	MCH	-1.355	-43.943	-21.355	PASS
	HCH	-0.49	-43.358	-20.490	PASS
11N40 SISO	LCH	-4.779	-43.939	-24.779	PASS
	MCH	-4.668	-43.275	-24.668	PASS
	HCH	-4.657	-44.135	-24.657	PASS



## 11B\_MCH\_Graphs

