

## Appendix C

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

**Product Name:** GSM/WCDMA Smartphone

**Trade Mark:** DOOGEE

**Test Model:** X11

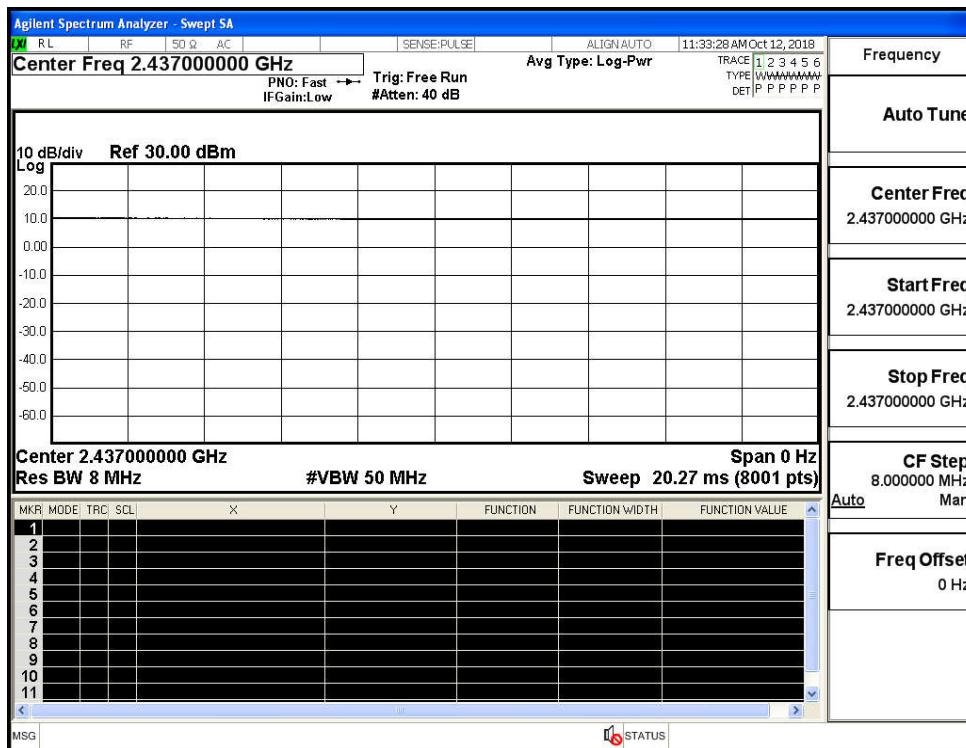
#### Environmental Conditions

Temperature:	24.3 ° C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.Xu
Supervised by:	Jayden.Zhuo

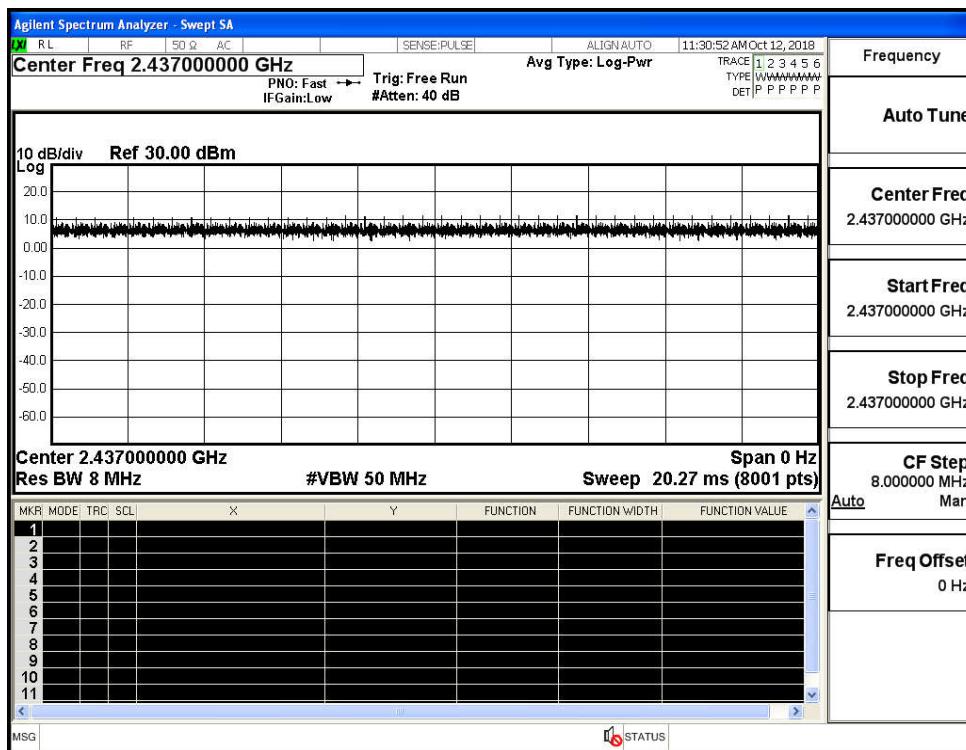
#### C.1 Duty Cycle

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

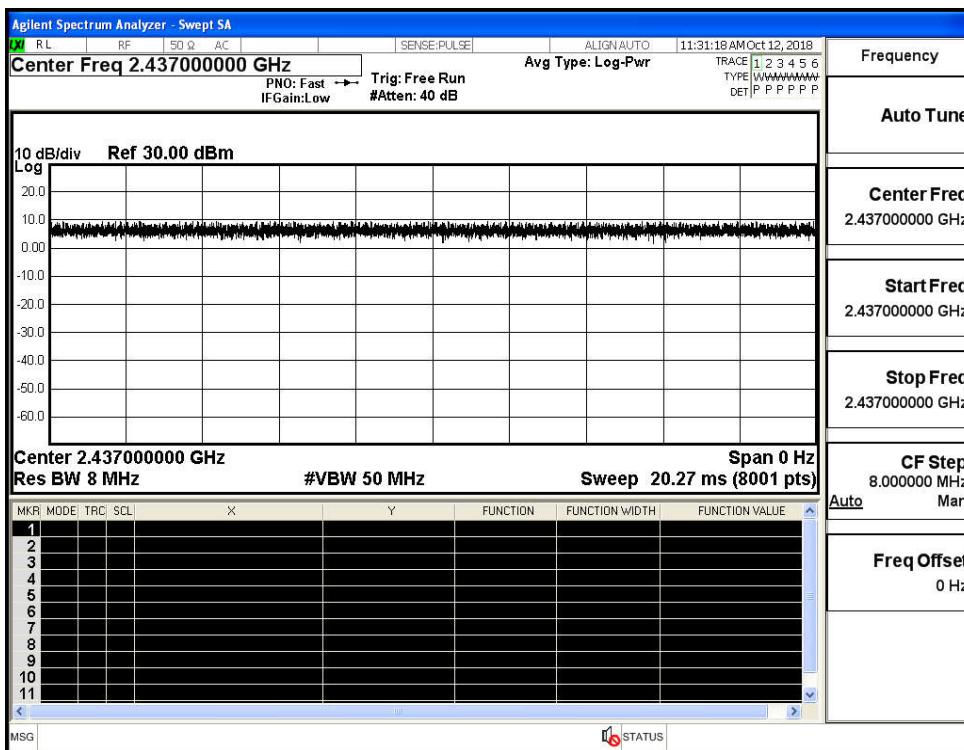
## Duty Cycle\_11B\_2437\_Ant1



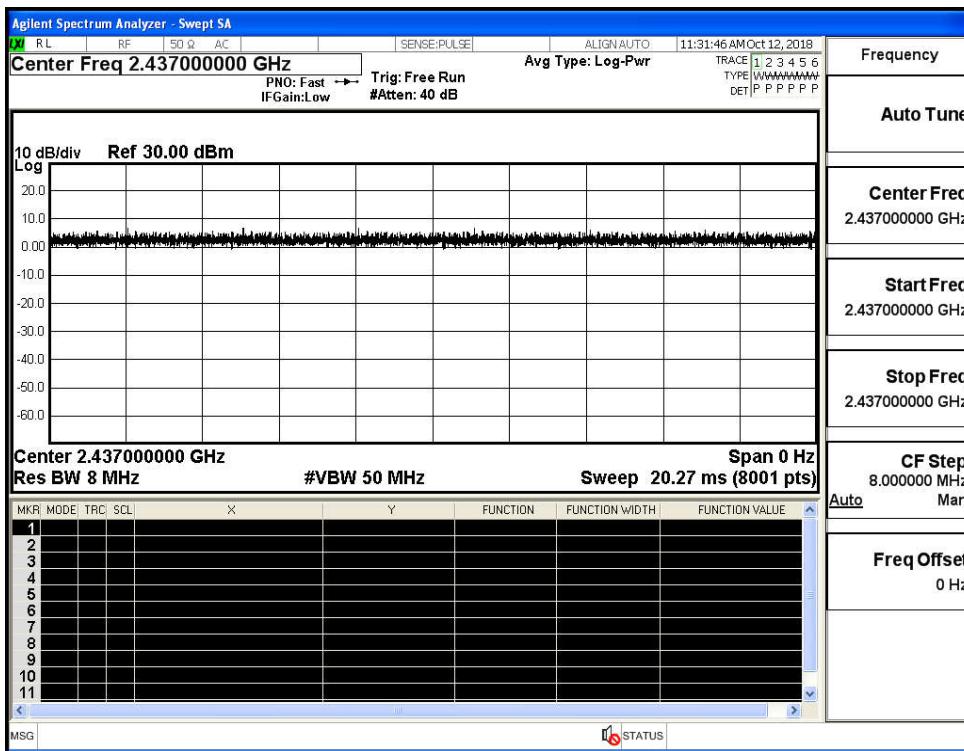
## Duty Cycle\_11G\_2437\_Ant1



## Duty Cycle\_11N20SISO\_2437\_Ant1



## Duty Cycle\_11N40SISO\_2437\_Ant1

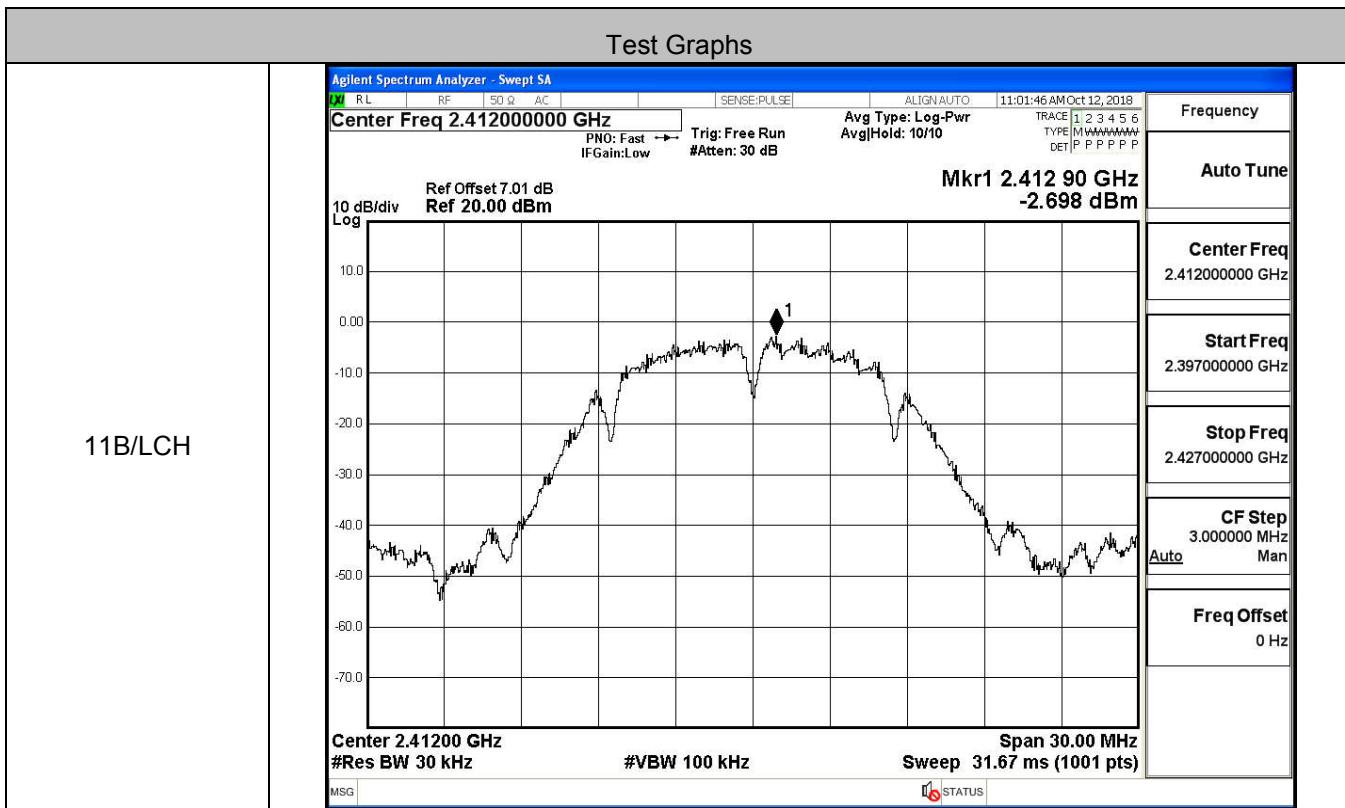


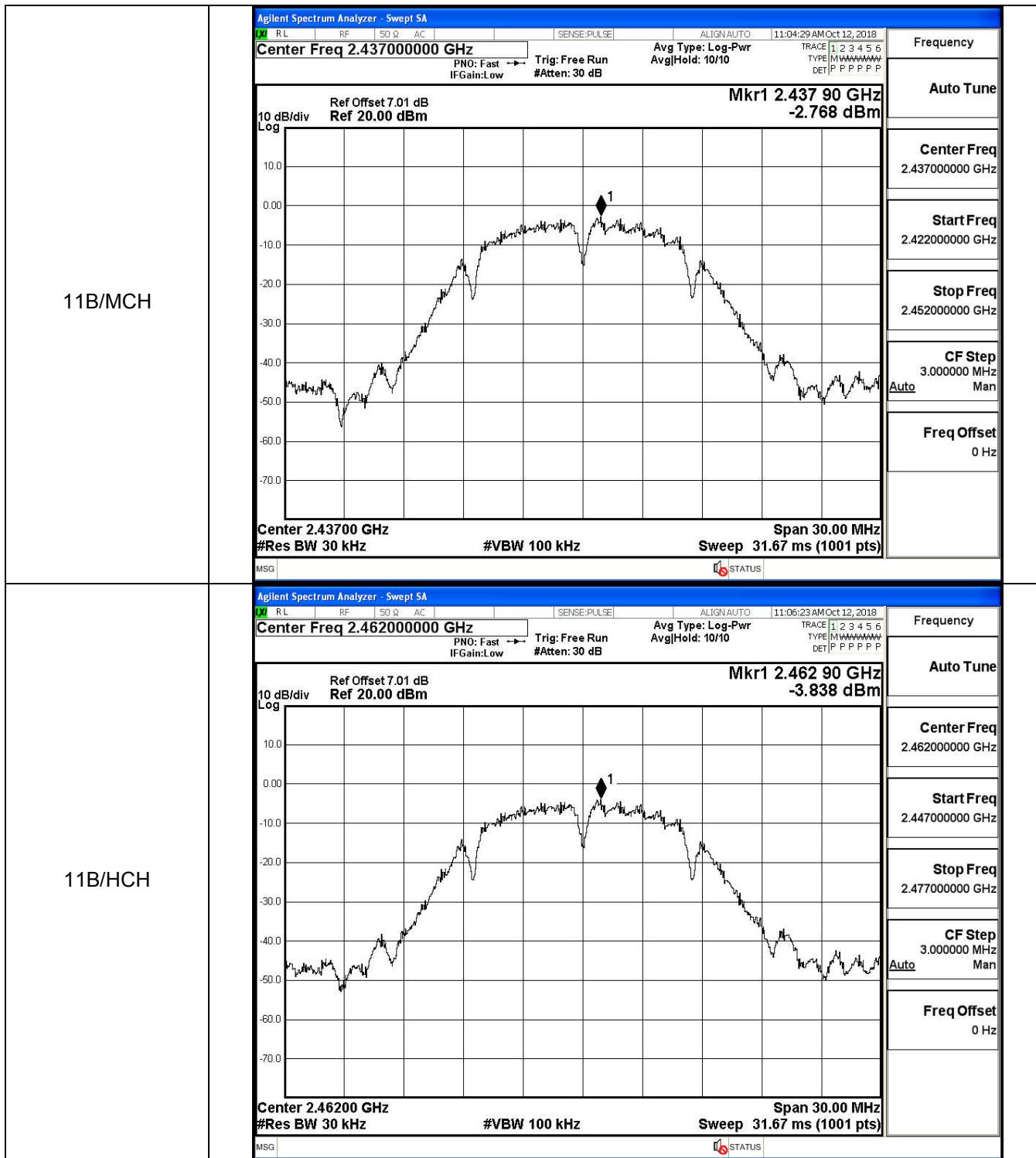
## C.2 Maximum Conducted Output Power

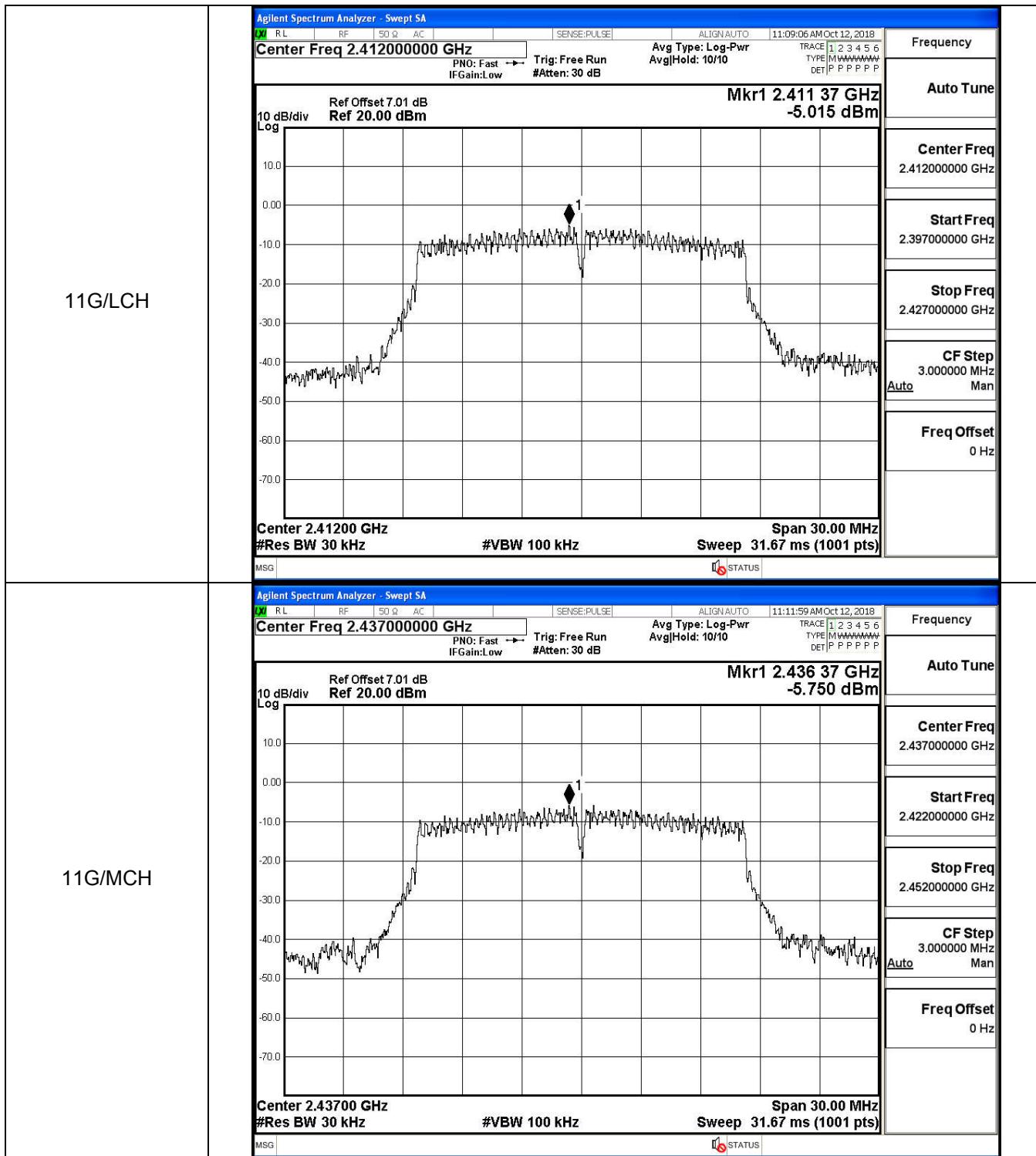
Mode	Channel	Meas.Level [dBm]	Limit [dBm]	Verdict
11B	LCH	16.35	30	PASS
	MCH	16.21	30	PASS
	HCH	16.26	30	PASS
11G	LCH	16.89	30	PASS
	MCH	16.46	30	PASS
	HCH	16.58	30	PASS
11N20SISO	LCH	15.37	30	PASS
	MCH	15.34	30	PASS
	HCH	15.03	30	PASS
11N40SISO	LCH	15.93	30	PASS
	MCH	15.03	30	PASS
	HCH	15.71	30	PASS

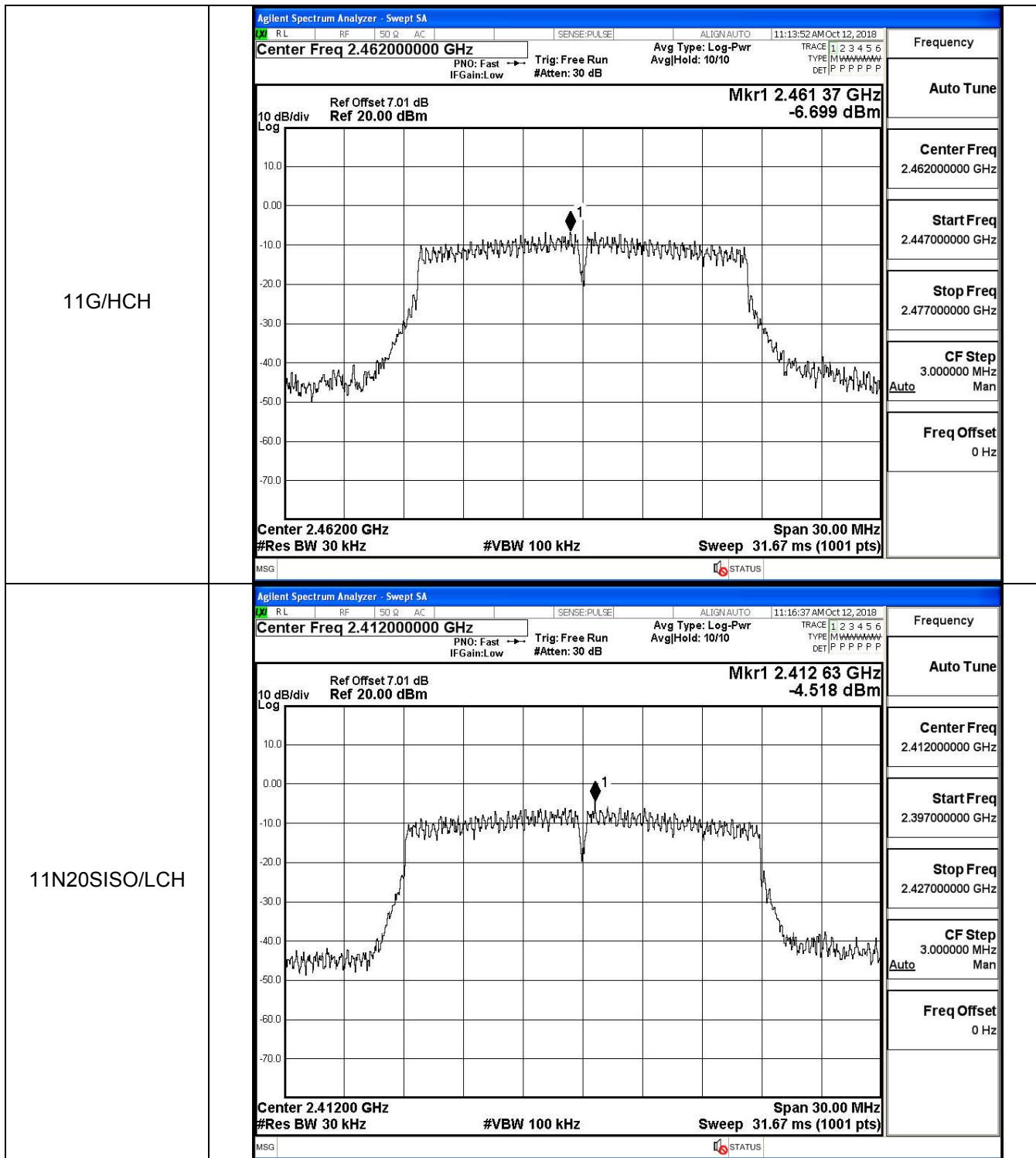
### C.3 Maximum Power Spectral Density

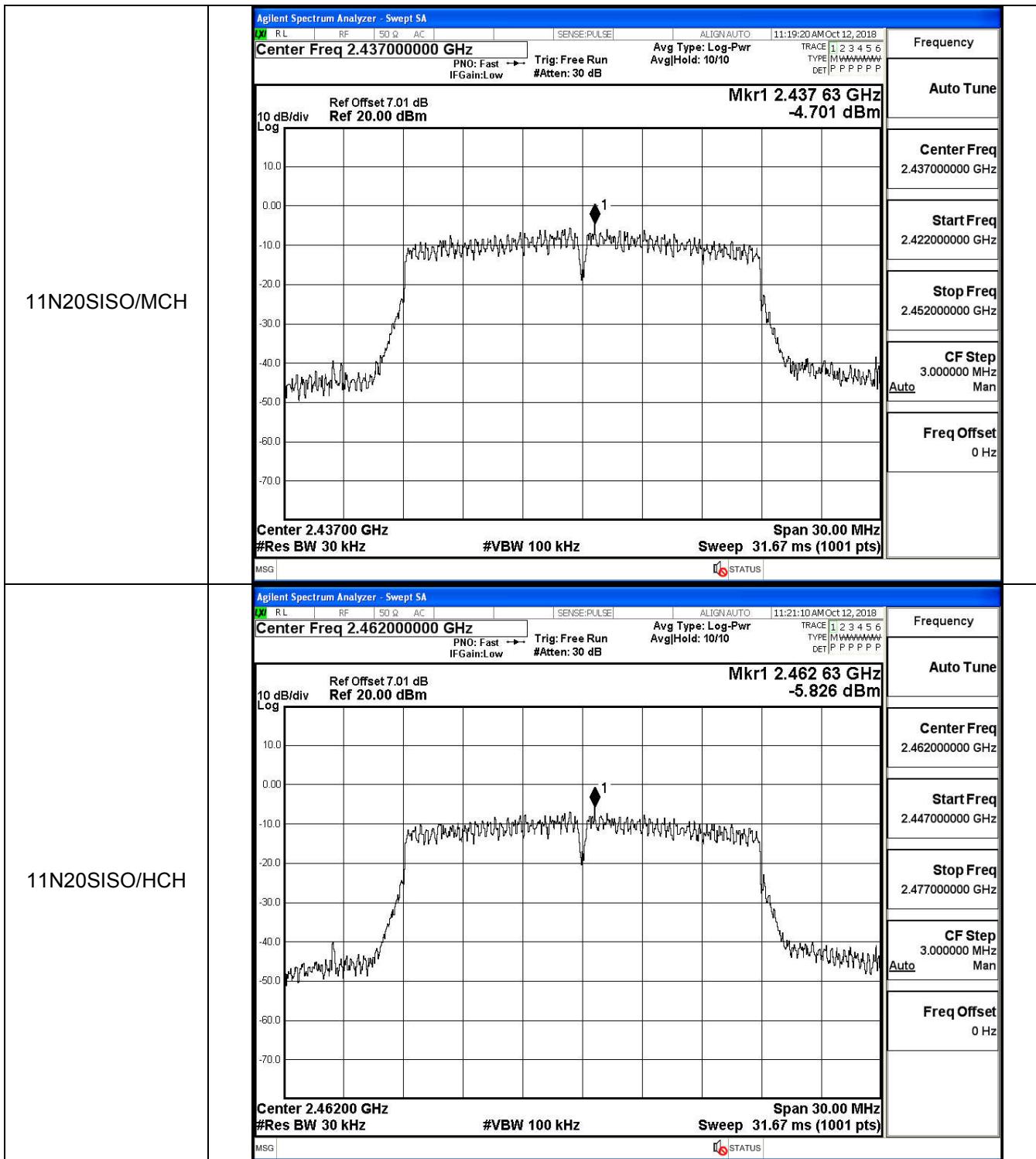
Mode	Channel	Meas.Level [dBm/30KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	-2.698	8	PASS
	MCH	-2.768	8	PASS
	HCH	-3.838	8	PASS
11G	LCH	-5.015	8	PASS
	MCH	-5.750	8	PASS
	HCH	-6.699	8	PASS
11N20SISO	LCH	-4.518	8	PASS
	MCH	-4.701	8	PASS
	HCH	-5.826	8	PASS
11N40SISO	LCH	-9.920	8	PASS
	MCH	-9.436	8	PASS
	HCH	-9.737	8	PASS

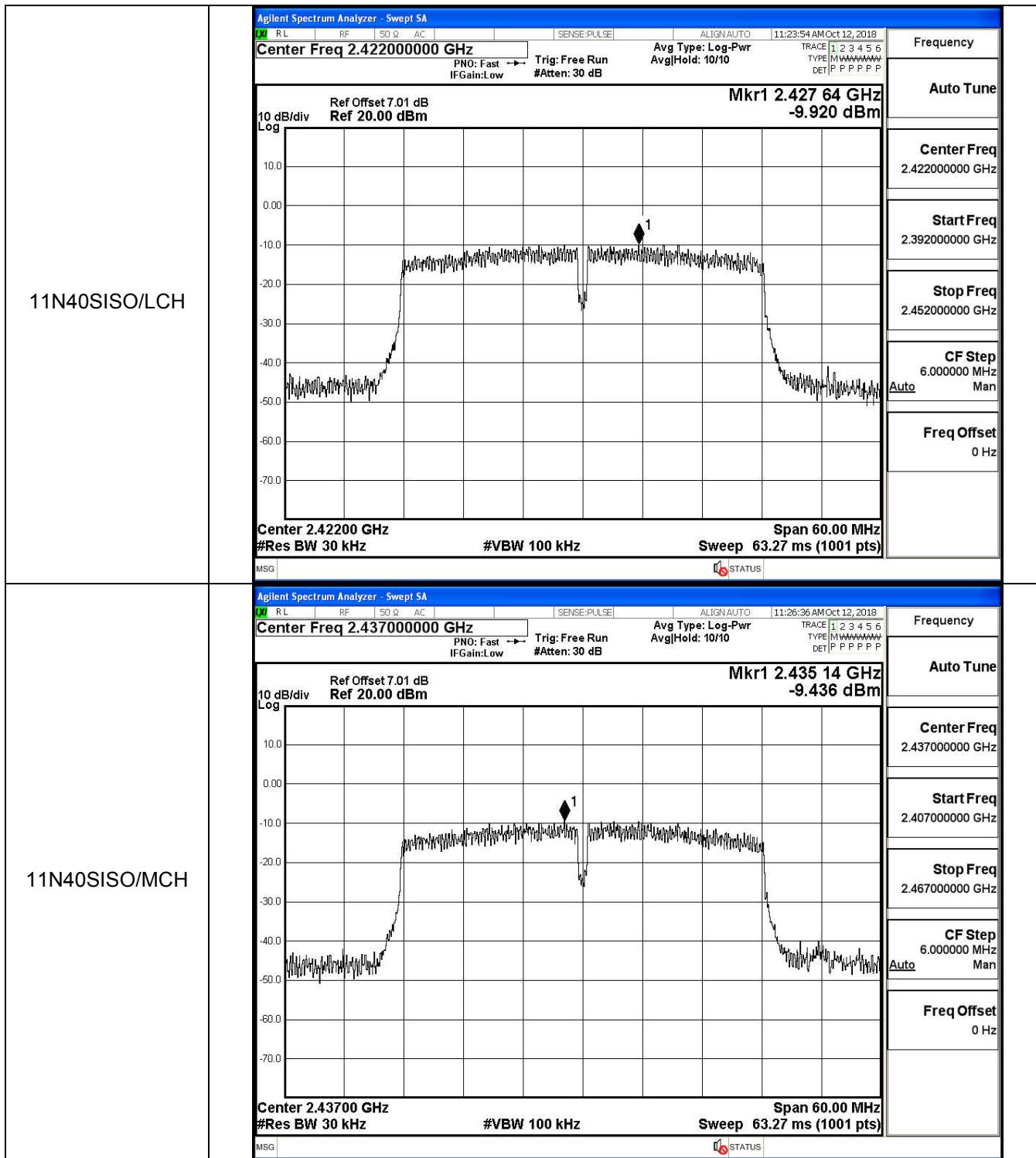


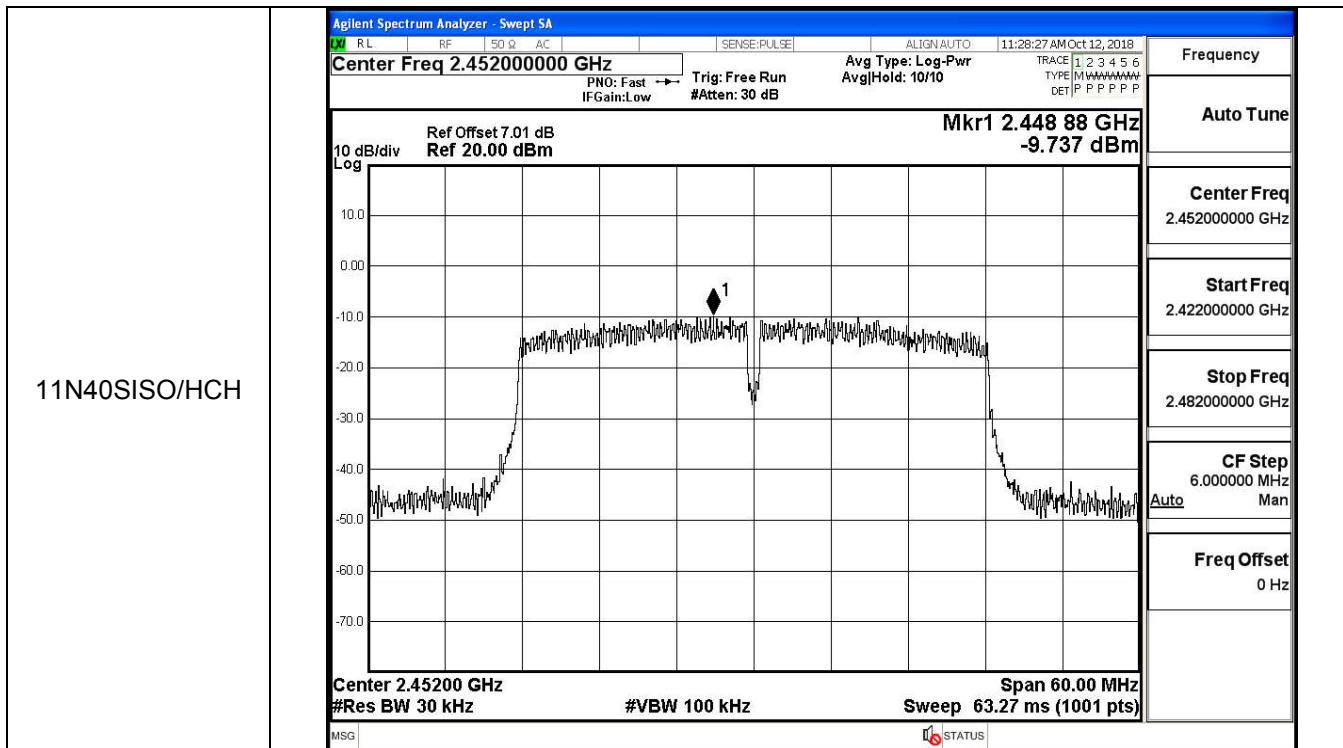






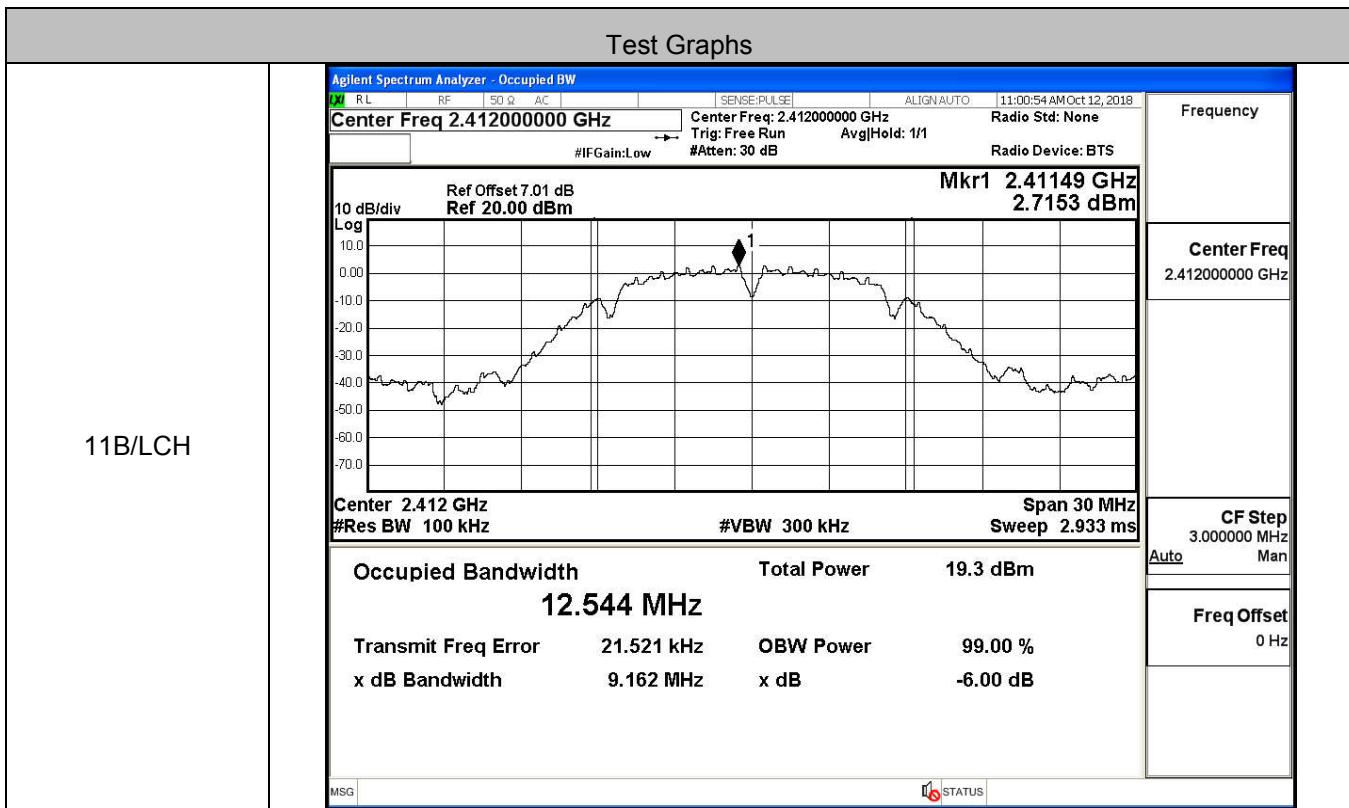


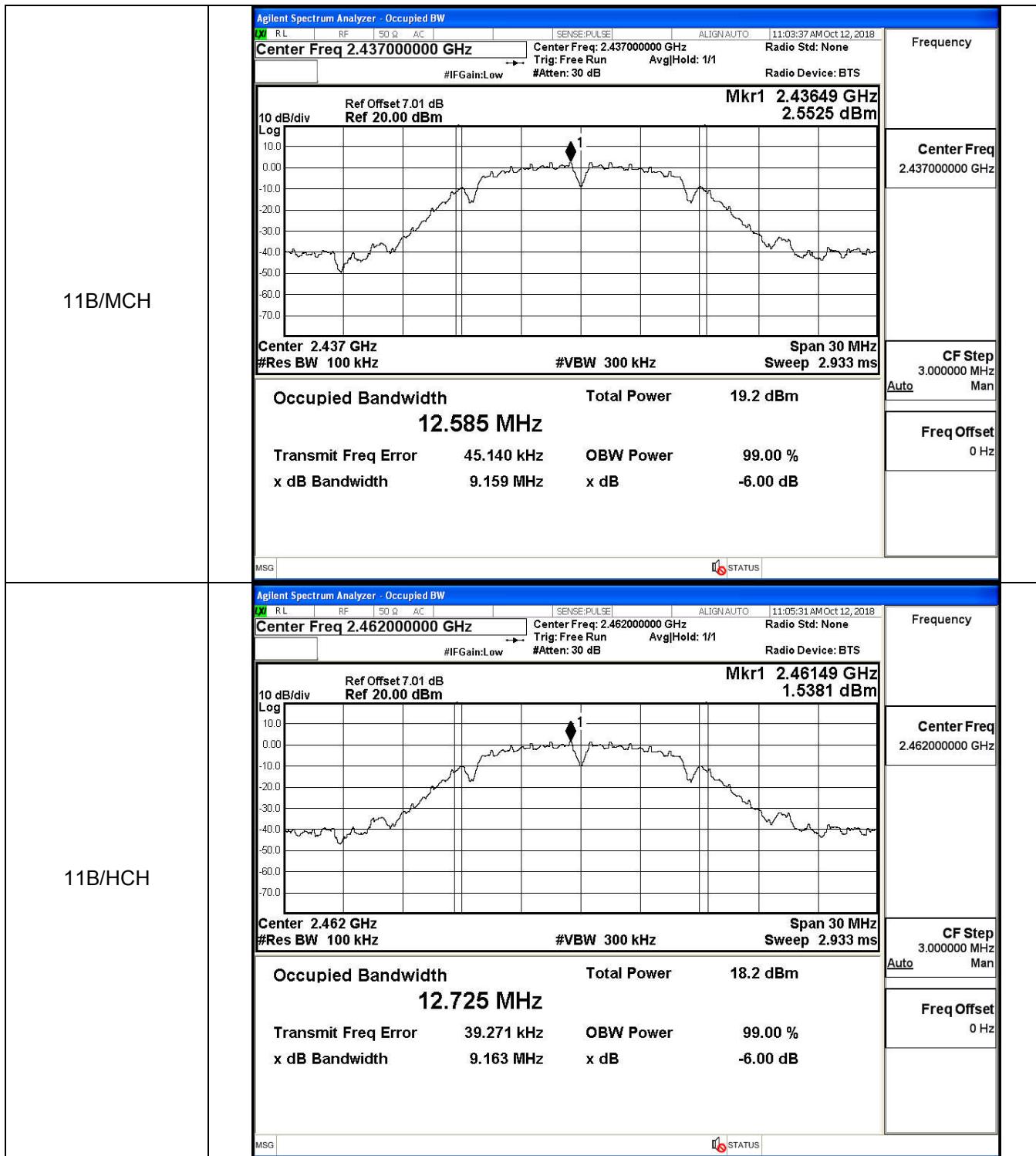


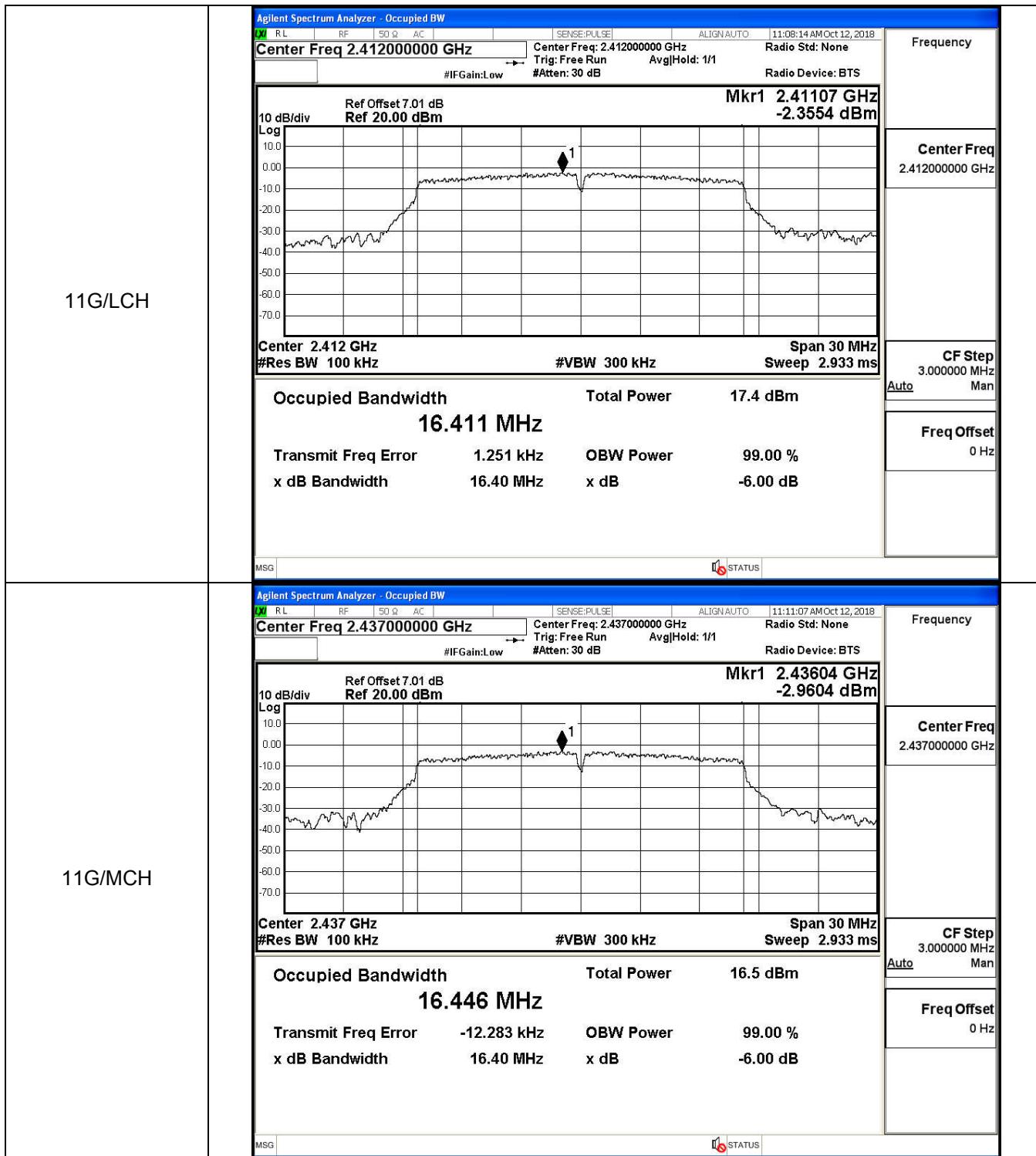


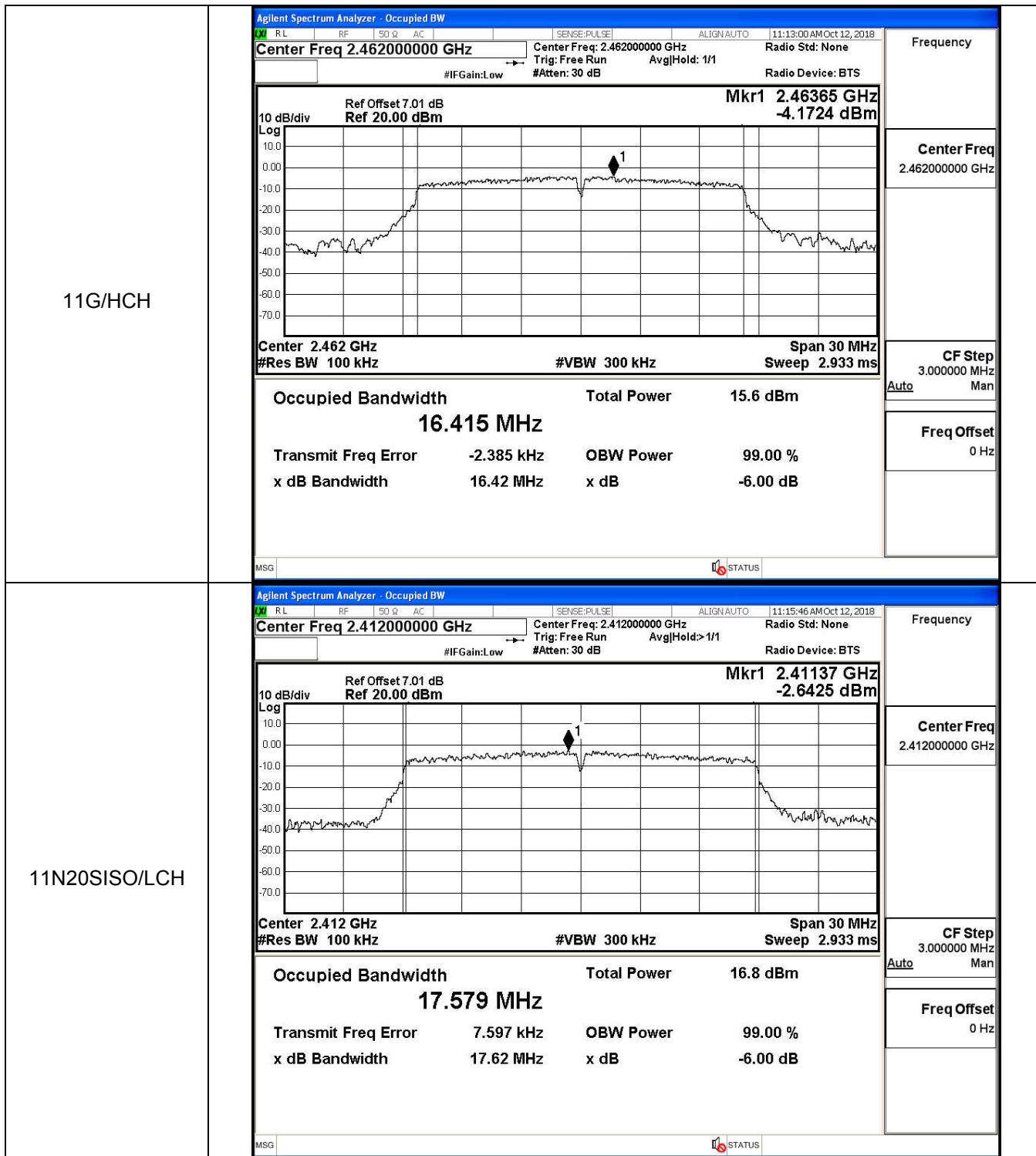
#### C.4 6dB Bandwidth

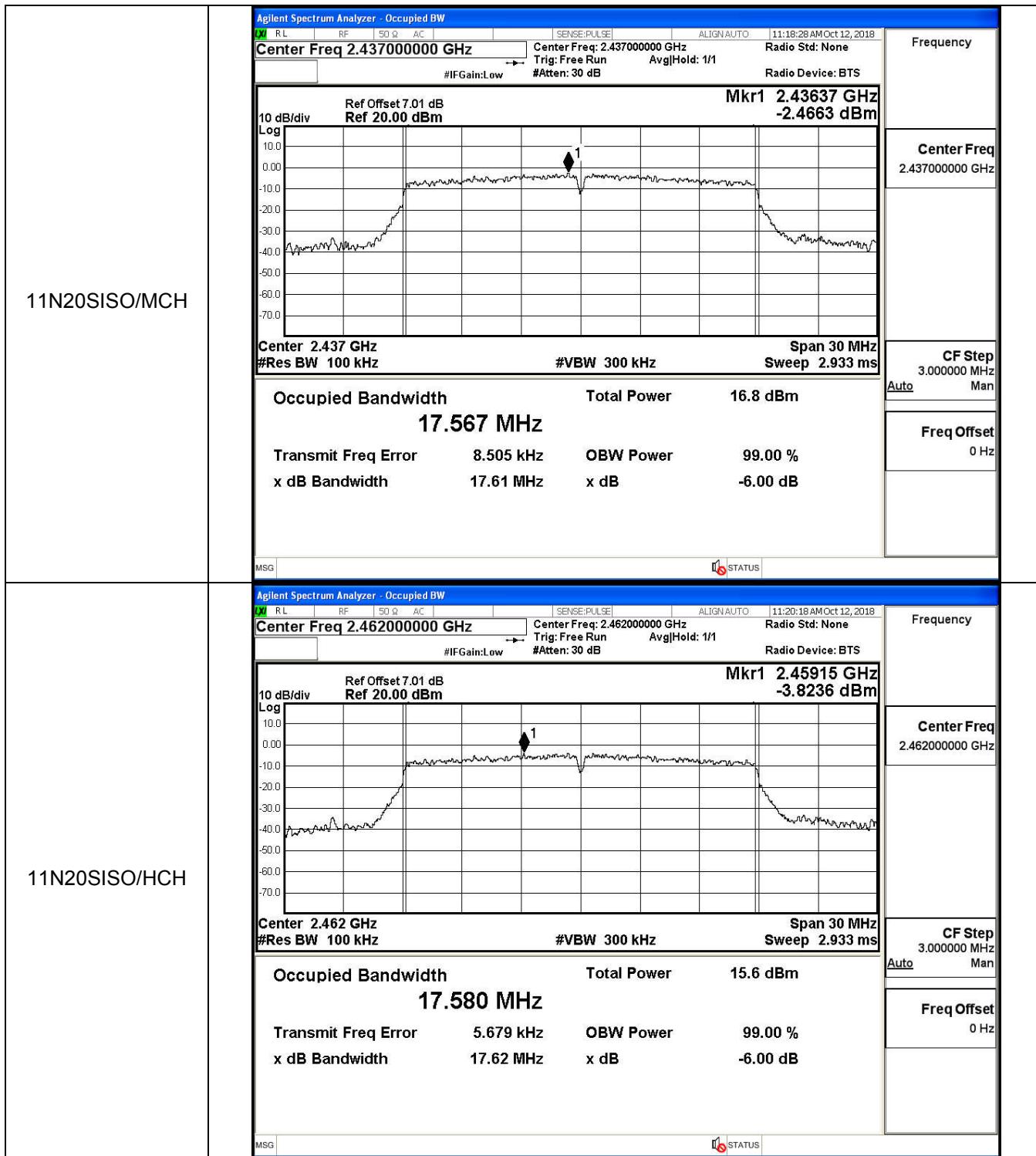
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
11B	LCH	9.162	≥0.5	PASS
	MCH	9.159	≥0.5	PASS
	HCH	9.163	≥0.5	PASS
11G	LCH	16.40	≥0.5	PASS
	MCH	16.40	≥0.5	PASS
	HCH	16.42	≥0.5	PASS
11N20SISO	LCH	17.62	≥0.5	PASS
	MCH	17.61	≥0.5	PASS
	HCH	17.62	≥0.5	PASS
11N40SISO	LCH	36.36	≥0.5	PASS
	MCH	36.27	≥0.5	PASS
	HCH	36.34	≥0.5	PASS

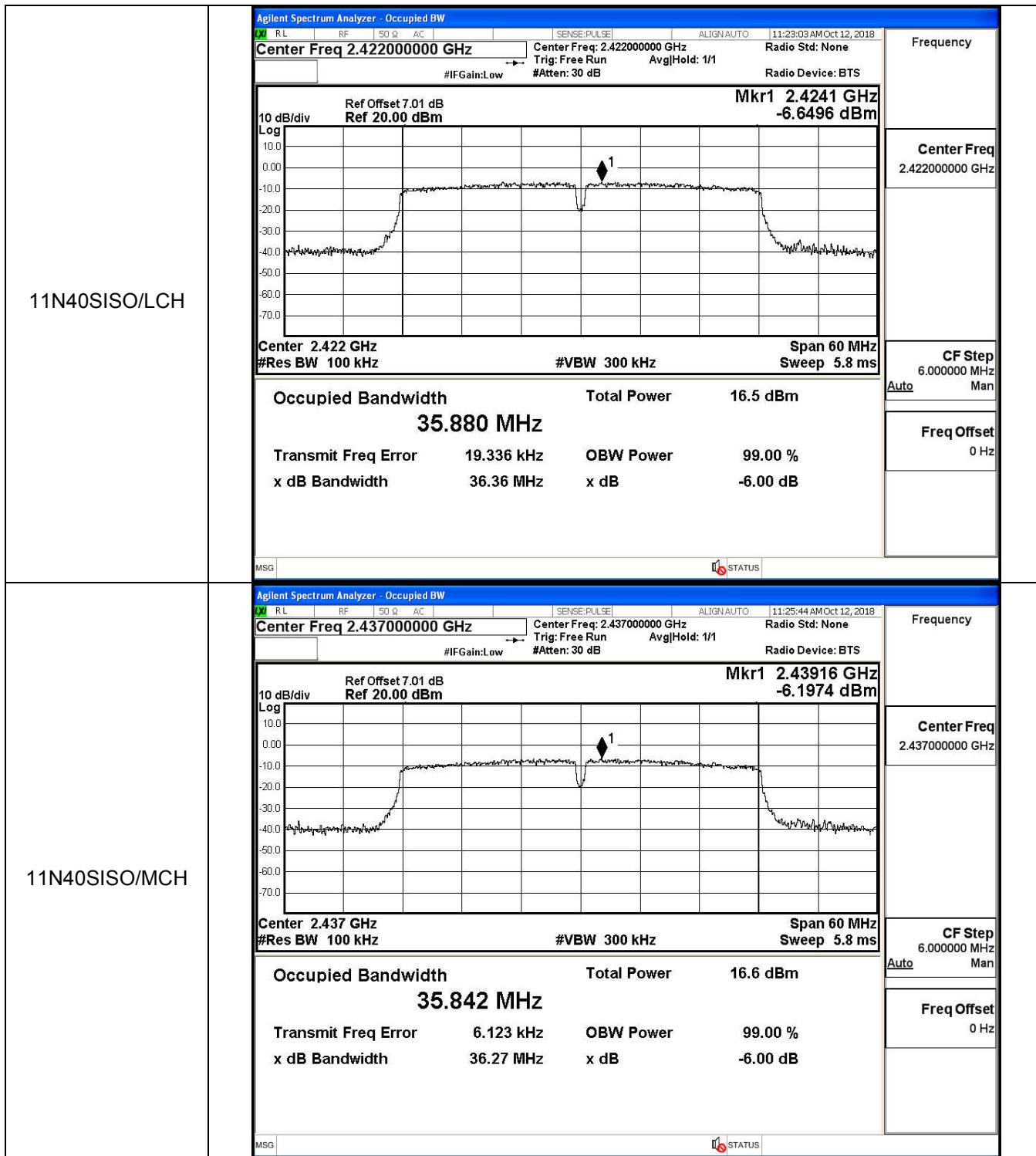


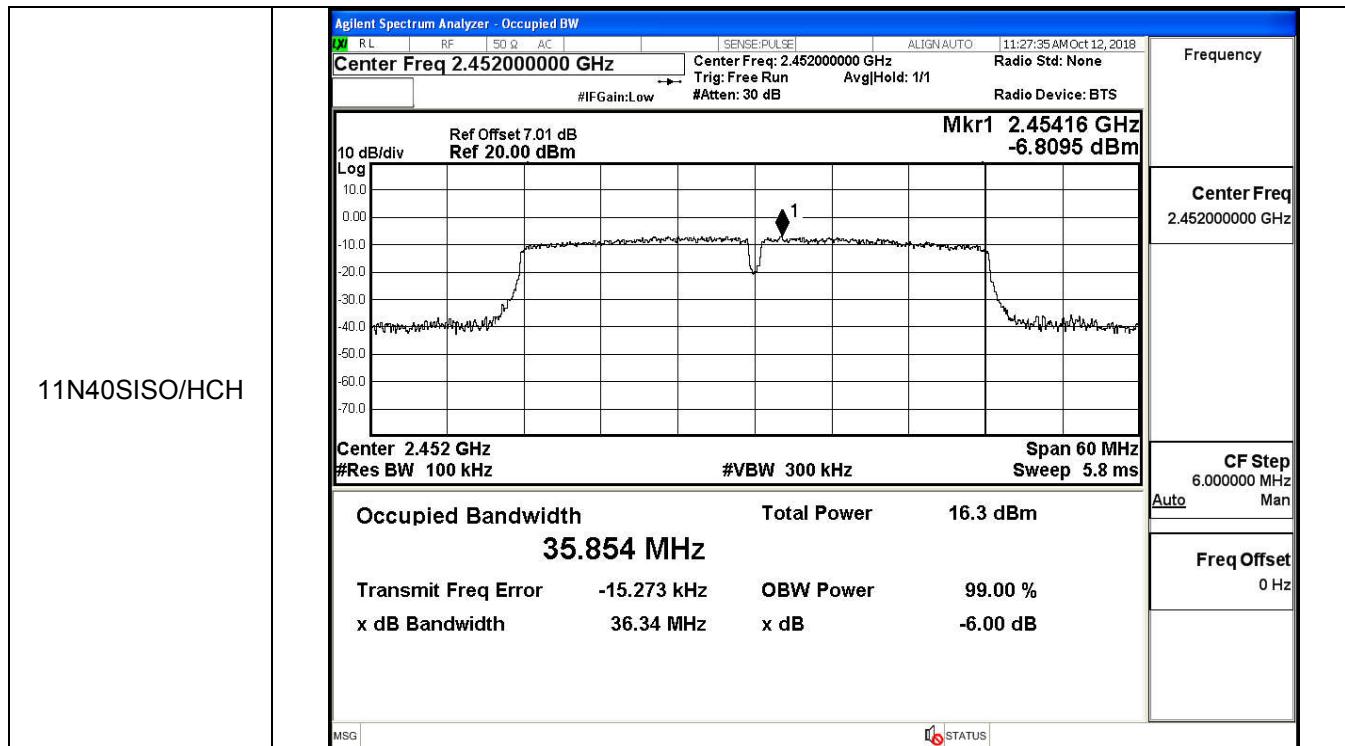












## C.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	2.547	-44.944	-17.453	PASS
	MCH	2.438	-44.358	-17.562	PASS
	HCH	1.431	-45.145	-18.569	PASS
11G	LCH	-2.451	-44.543	-22.451	PASS
	MCH	-3.048	-42.782	-23.048	PASS
	HCH	-4.232	-44.713	-24.232	PASS
11N20 SISO	LCH	-2.693	-45.058	-22.693	PASS
	MCH	-2.567	-44.841	-22.567	PASS
	HCH	-3.997	-44.191	-23.997	PASS
11N40 SISO	LCH	-6.539	-44.518	-26.539	PASS
	MCH	-6.7	-43.212	-26.700	PASS
	HCH	-6.978	-44.068	-26.978	PASS

