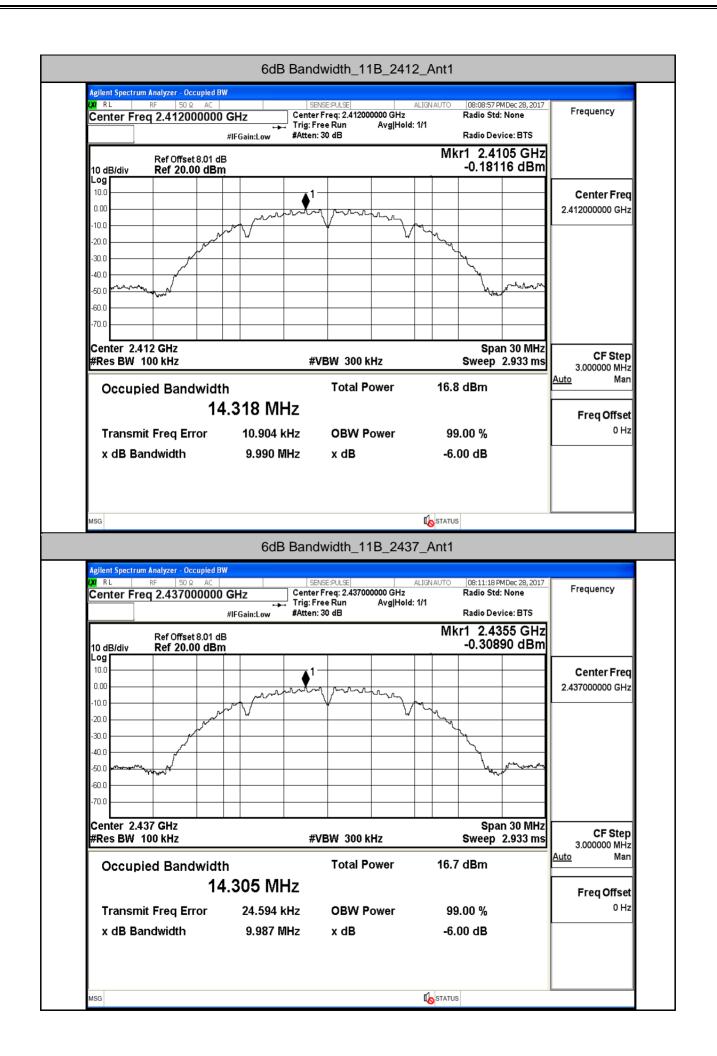
Appendix C

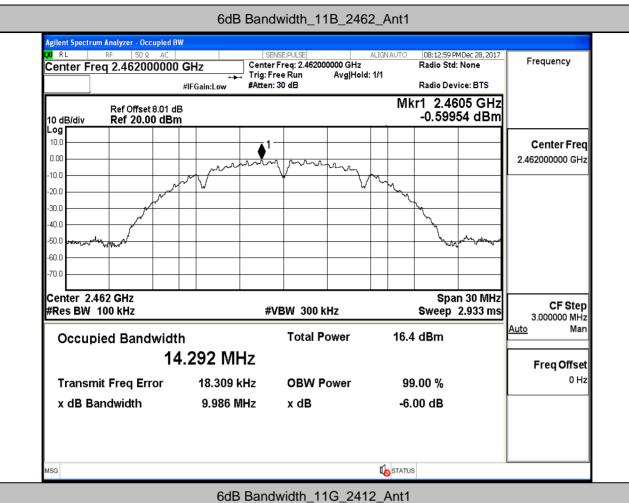
RF Test Data for 2.4G WIFI (Conducted Measurement)

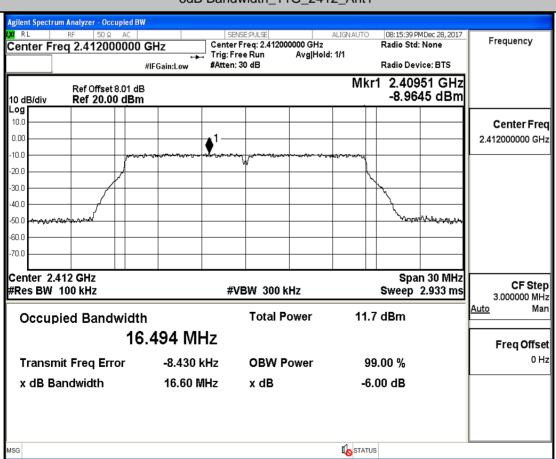
Product Name: Mishiko Collar Trade Mark: MISHIKO Test Model: M103 FCC ID: 2AID9M103

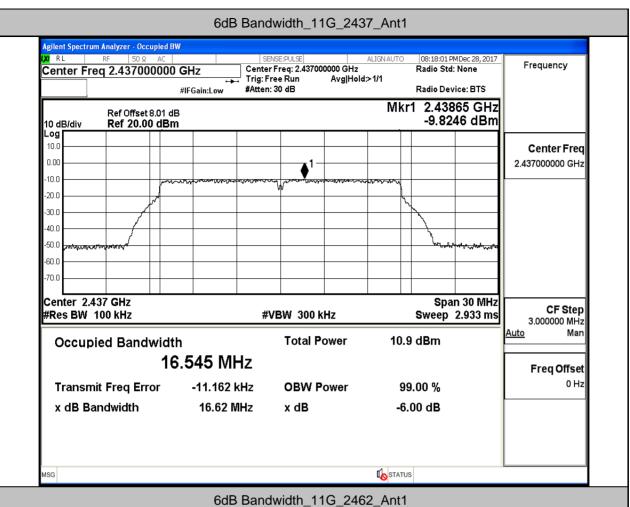
C.1 6dB Bandwidth

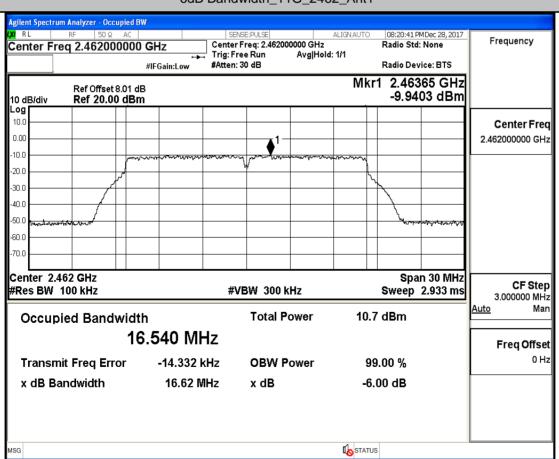
Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	9.990	0.5	PASS
11B	2437	Ant1	9.987	0.5	PASS
11B	2462	Ant1	9.986	0.5	PASS
11G	2412	Ant1	16.60	0.5	PASS
11G	2437	Ant1	16.62	0.5	PASS
11G	2462	Ant1	16.62	0.5	PASS
11N20SISO	2412	Ant1	17.83	0.5	PASS
11N20SISO	2437	Ant1	17.81	0.5	PASS
11N20SISO	2462	Ant1	17.82	0.5	PASS
11N40SISO	2422	Ant1	36.49	0.5	PASS
11N40SISO	2437	Ant1	36.49	0.5	PASS
11N40SISO	2452	Ant1	36.49	0.5	PASS

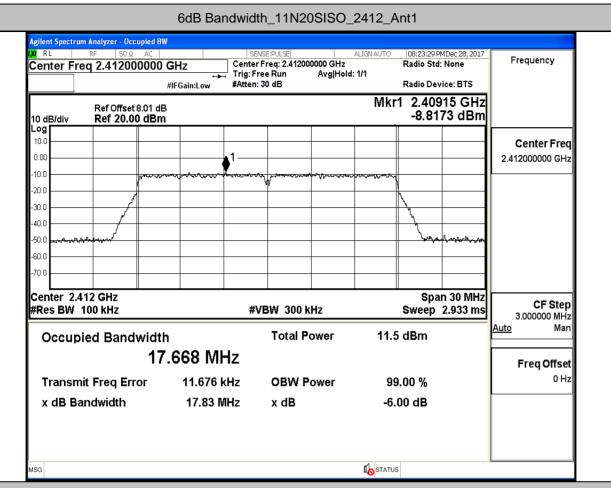


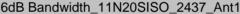


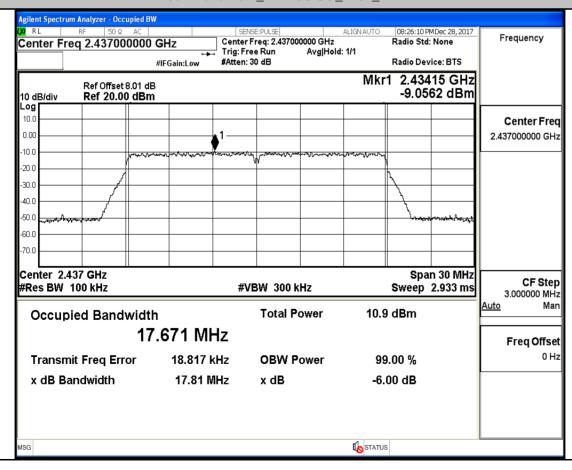


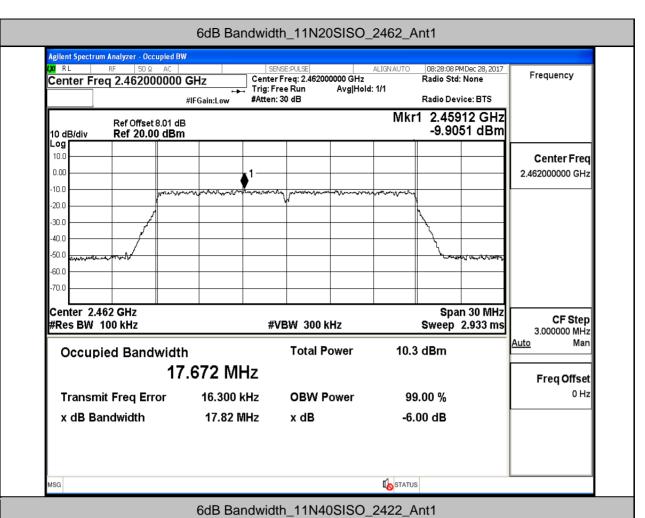


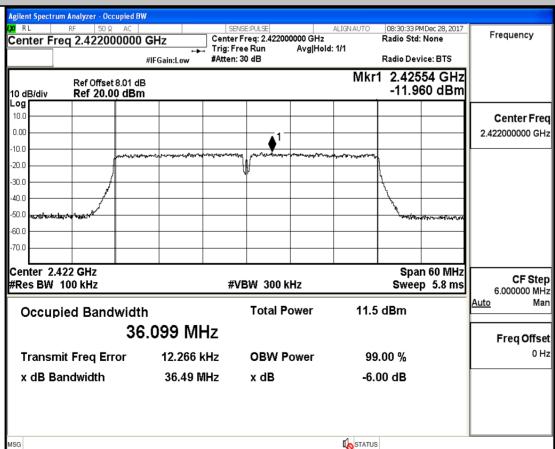


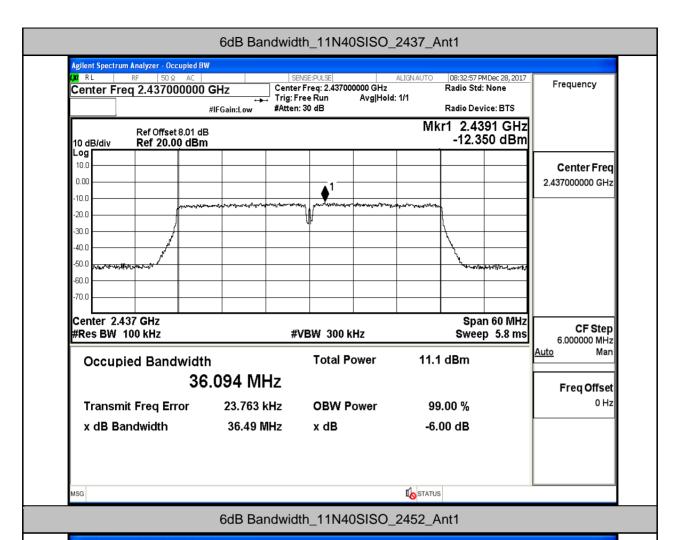


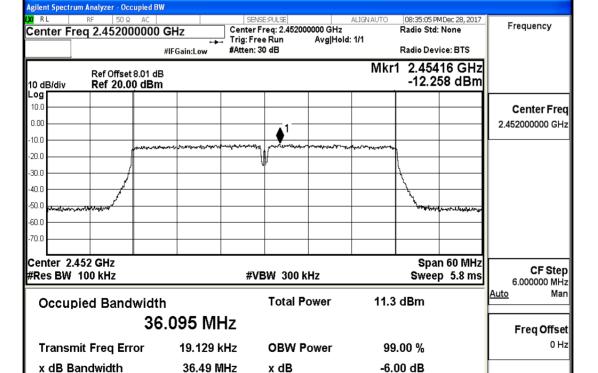












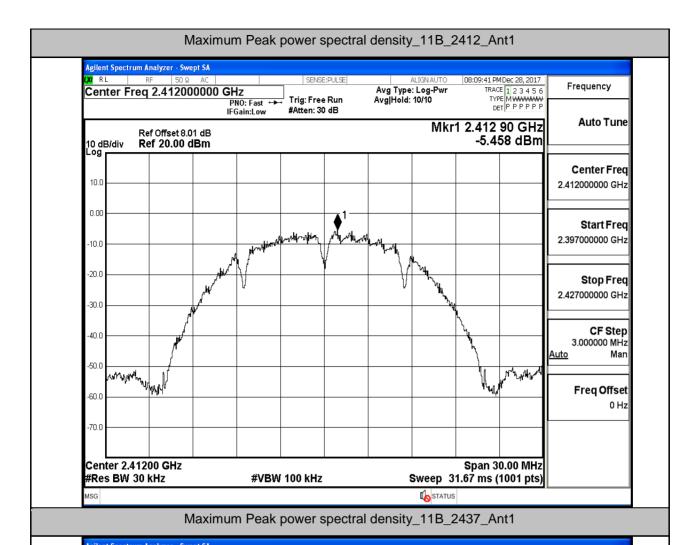
STATUS

C.2 Maximum peak conducted output power

Test Mode	Test	Ant	Peak Power[dBm]	Limit[dBm]	Verdict
11B	2412	Ant1	14.81	30	PASS
11B	2437	Ant1	14.73	30	PASS
11B	2462	Ant1	14.42	30	PASS
11G	2412	Ant1	16.10	30	PASS
11G	2437	Ant1	16.33	30	PASS
11G	2462	Ant1	16.03	30	PASS
11N20SISO	2412	Ant1	17.03	30	PASS
11N20SISO	2437	Ant1	16.46	30	PASS
11N20SISO	2462	Ant1	16.87	30	PASS
11N40SISO	2422	Ant1	18.91	30	PASS
11N40SISO	2437	Ant1	18.53	30	PASS
11N40SISO	2452	Ant1	18.67	30	PASS

C.3 Maximum Peak power spectral density

Test Mode	Test Channel	Ant	PSD[dBm/30KHz]	Limit[dBm/3KHz]	Verdict
11B	2412	Ant1	-5.458	8.00	PASS
11B	2437	Ant1	-5.521	8.00	PASS
11B	2462	Ant1	-5.861	8.00	PASS
11G	2412	Ant1	-11.615	8.00	PASS
11G	2437	Ant1	-12.441	8.00	PASS
11G	2462	Ant1	-12.647	8.00	PASS
11N20SISO	2412	Ant1	-11.377	8.00	PASS
11N20SISO	2437	Ant1	-12.154	8.00	PASS
11N20SISO	2462	Ant1	-12.794	8.00	PASS
11N40SISO	2422	Ant1	-15.226	8.00	PASS
11N40SISO	2437	Ant1	-15.684	8.00	PASS
11N40SISO	2452	Ant1	-15.379	8.00	PASS





#VBW 100 kHz

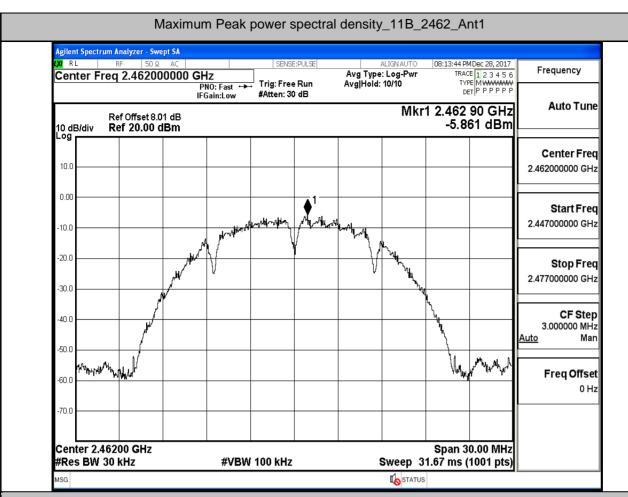
Span 30.00 MHz

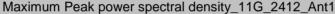
Sweep 31.67 ms (1001 pts)

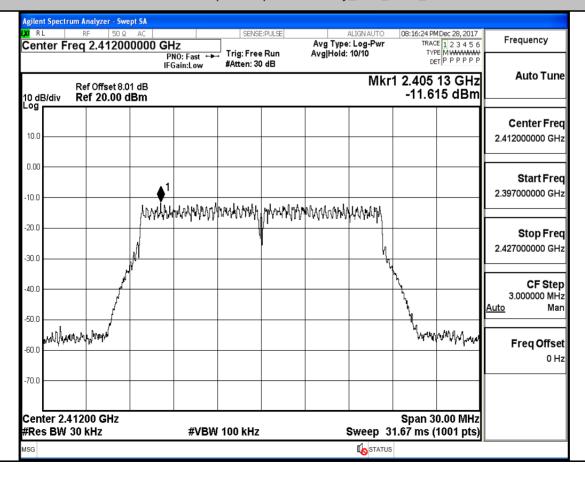
STATUS

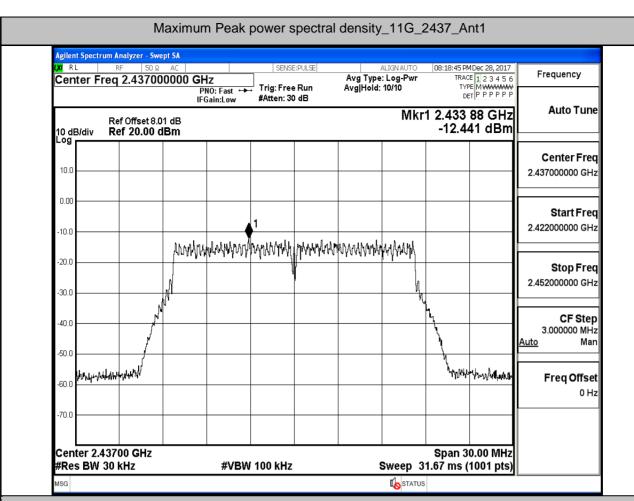
Center 2.43700 GHz

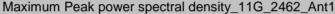
#Res BW 30 kHz

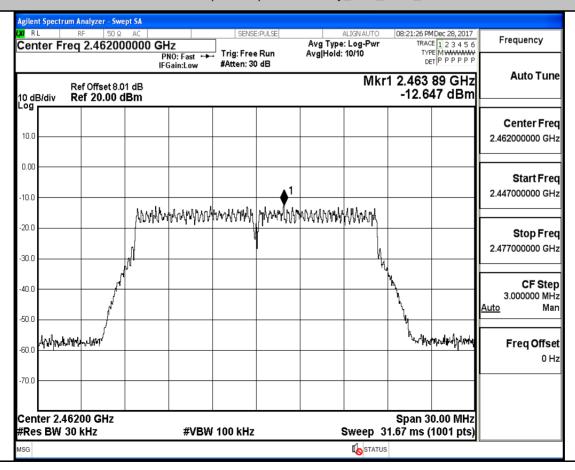


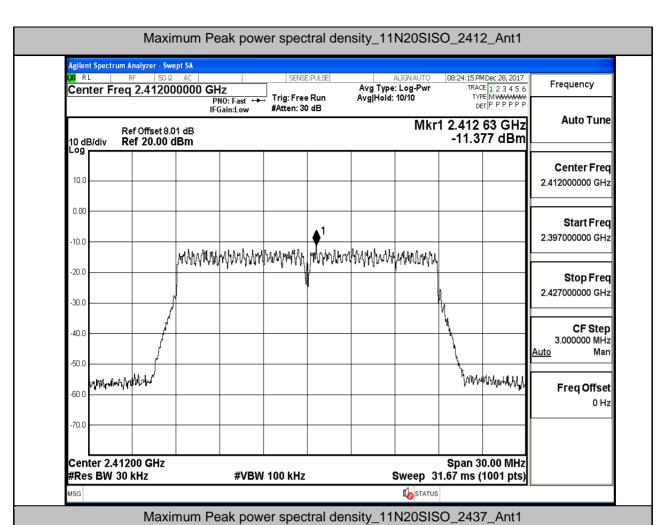


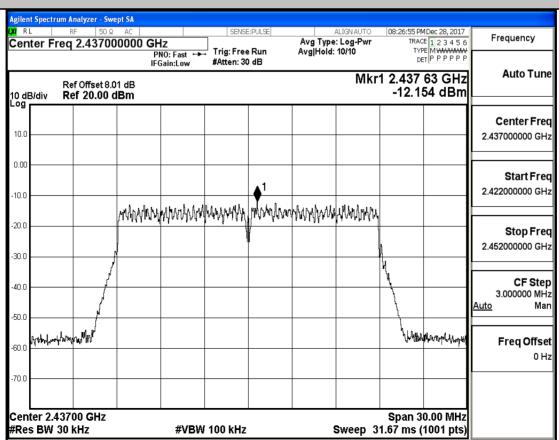




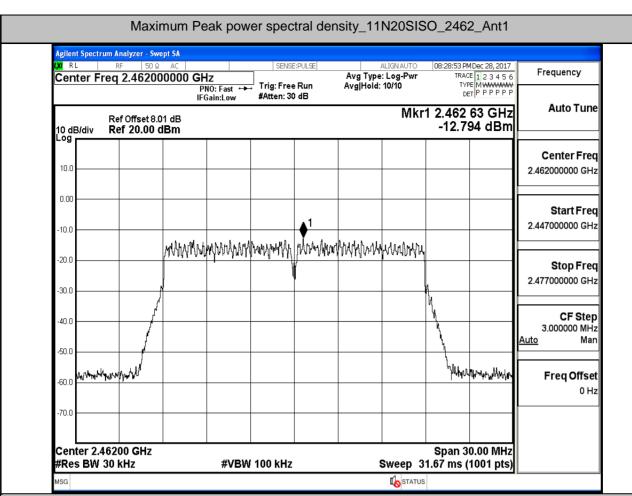


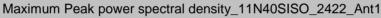


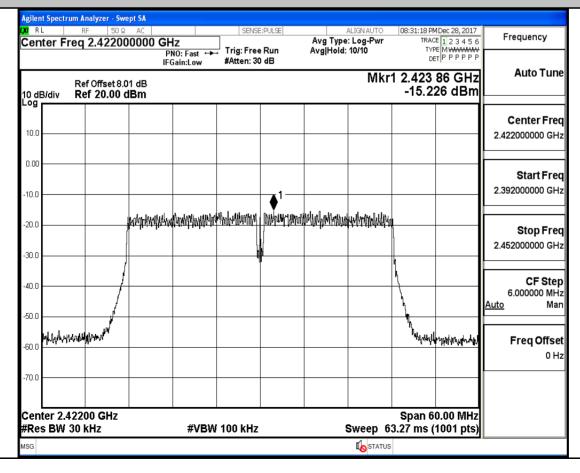


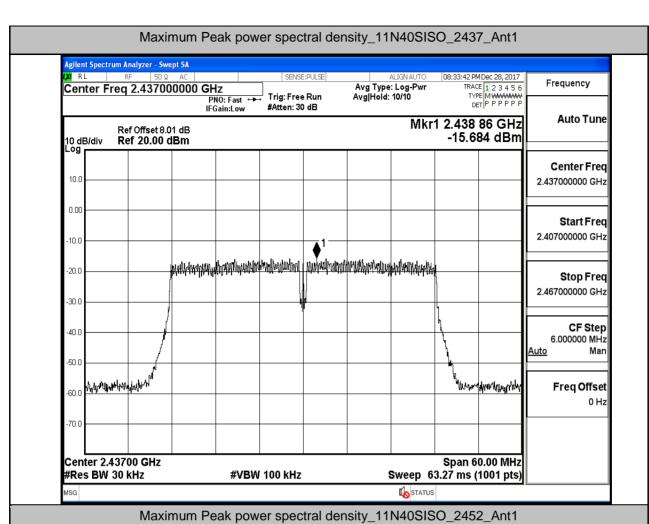


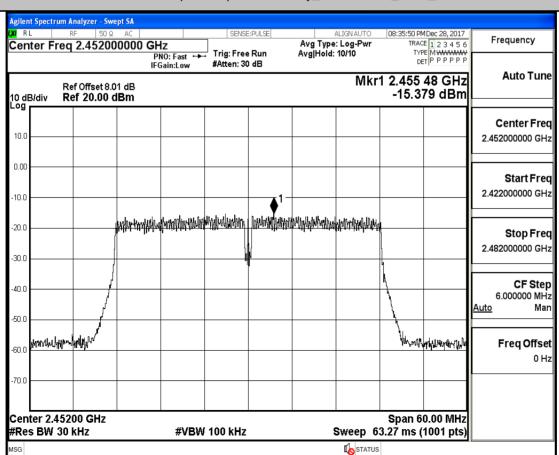
STATUS





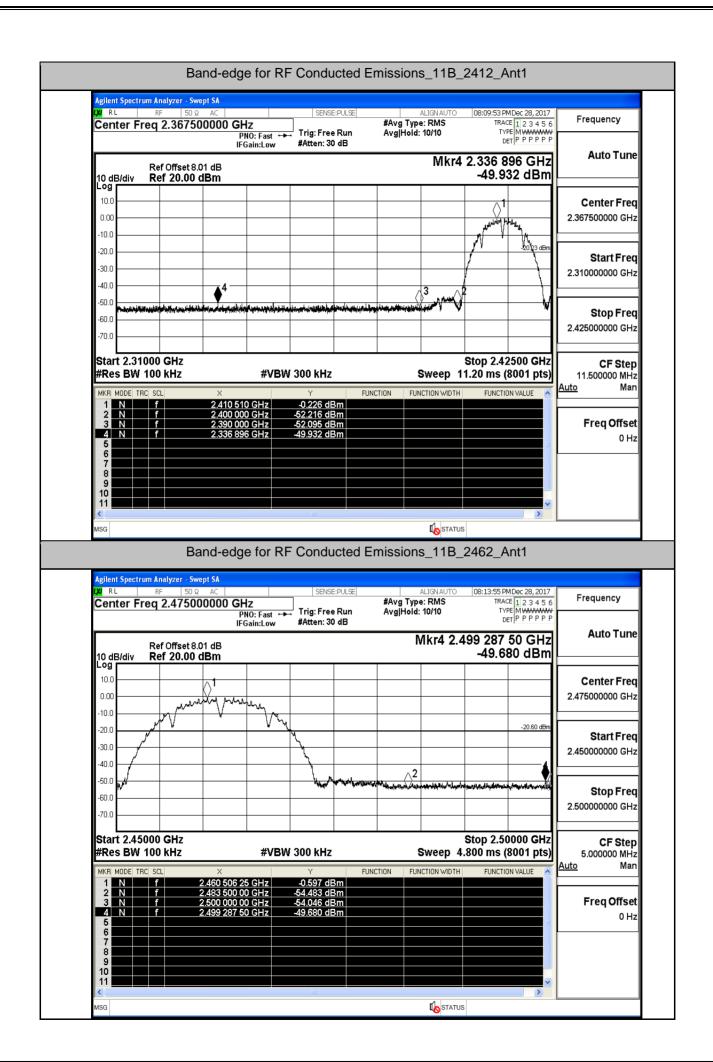


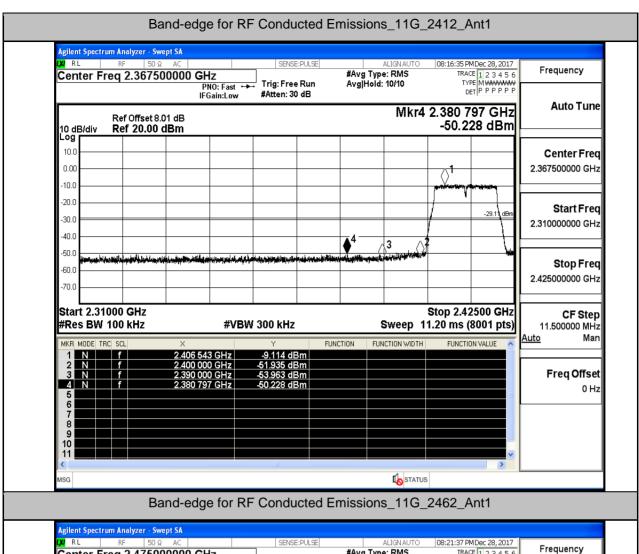


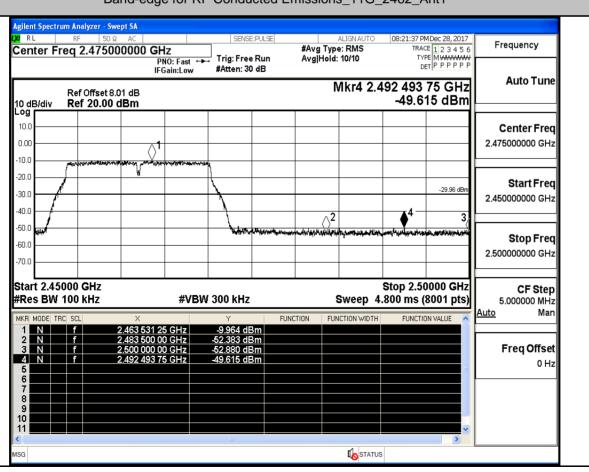


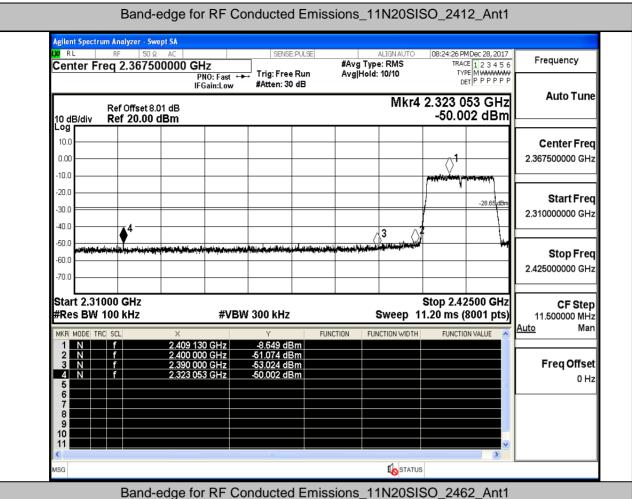
C.4 Band-edge for RF Conducted Emissions

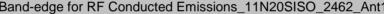
Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	-0.226	-49.932	-20.23	PASS
11B	2462	Ant1	-0.597	-49.680	-20.6	PASS
11G	2412	Ant1	-9.114	-50.228	-29.11	PASS
11G	2462	Ant1	-9.964	-49.615	-29.96	PASS
11N20SISO	2412	Ant1	-8.649	-50.002	-28.65	PASS
11N20SISO	2462	Ant1	-10.191	-49.851	-30.19	PASS
11N40SISO	2422	Ant1	-12.335	-50.256	-32.34	PASS
11N40SISO	2452	Ant1	-12.359	-50.056	-32.36	PASS

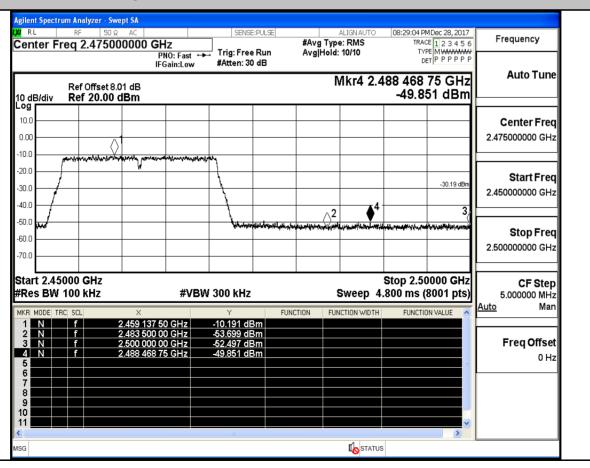


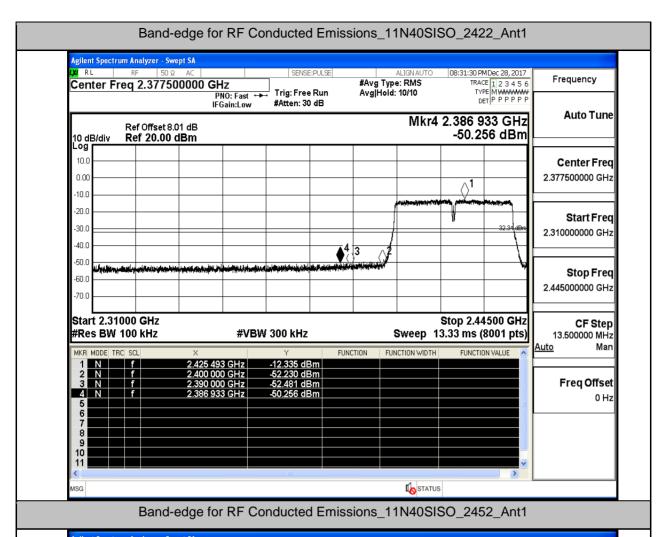


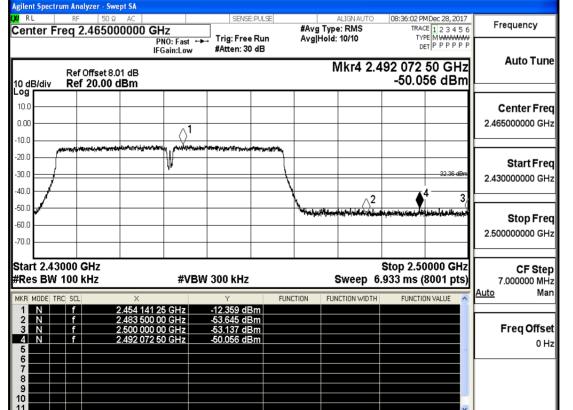








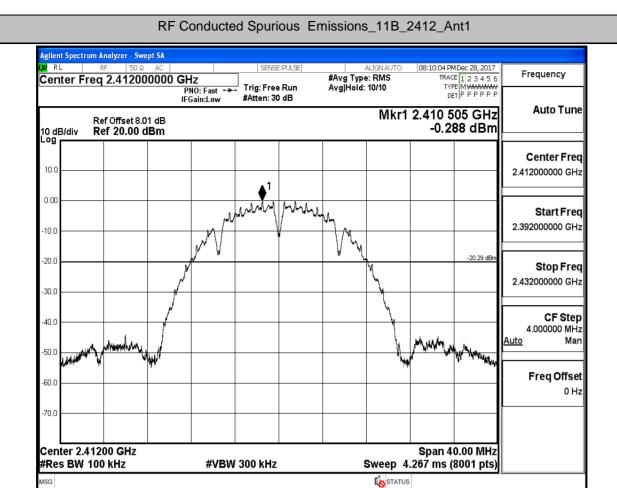


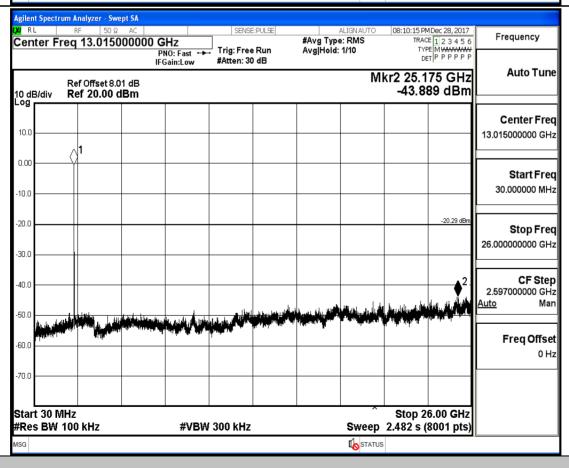


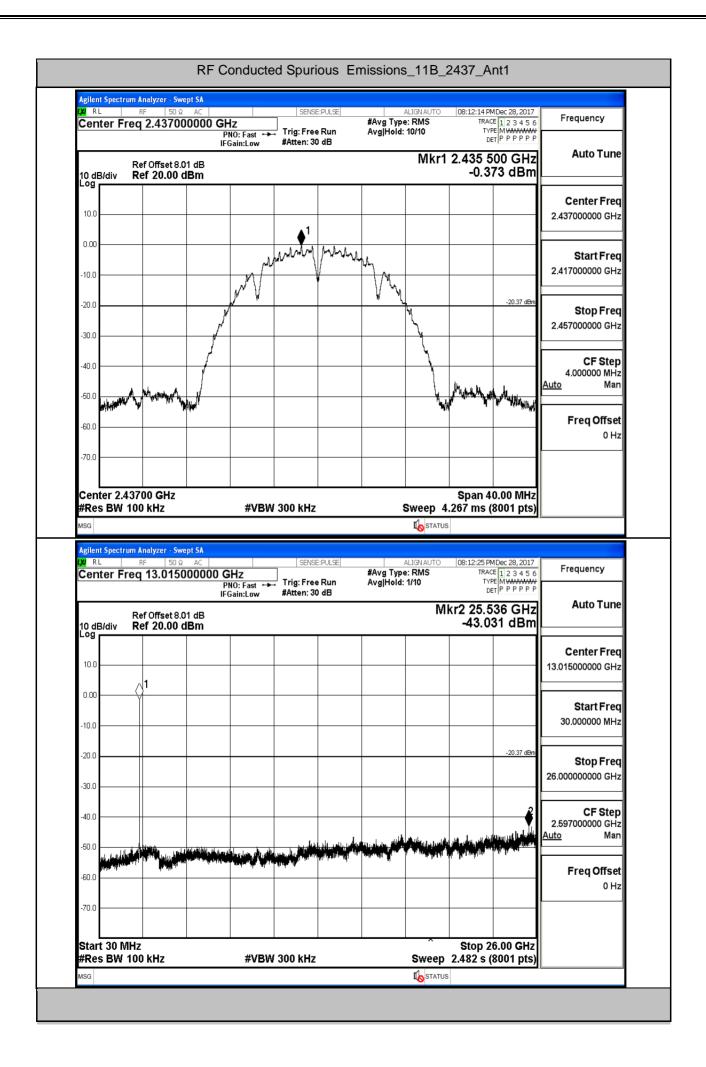
STATUS

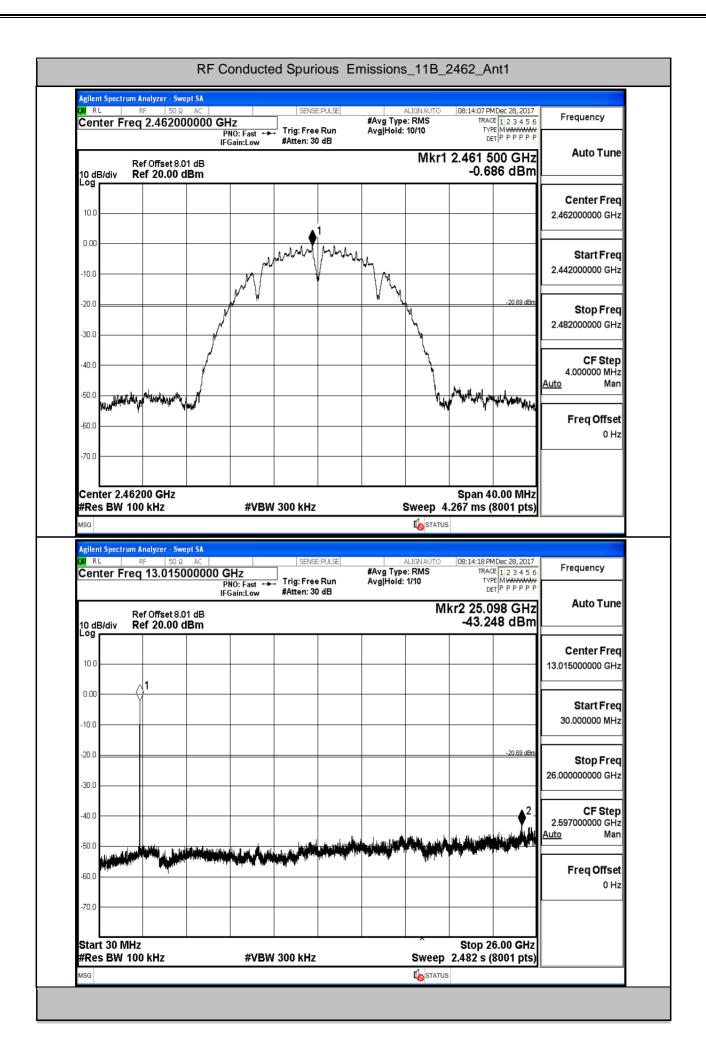
C.5 RF Conducted Spurious Emissions

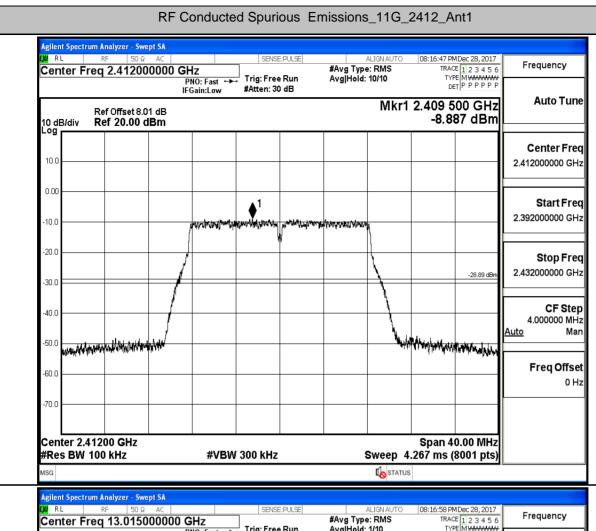
Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	30	26000	100	300	-0.288	-43.889	<- 20.288	PASS
11B	2437	Ant1	30	26000	100	300	-0.373	-43.031	<- 20.373	PASS
11B	2462	Ant1	30	26000	100	300	-0.686	-43.248	<- 20.686	PASS
11G	2412	Ant1	30	26000	100	300	-8.887	-43.910	<- 28.887	PASS
11G	2437	Ant1	30	26000	100	300	-9.949	-43.033	<- 29.949	PASS
11G	2462	Ant1	30	26000	100	300	-10.07	-42.471	<-30.07	PASS
11N20SISO	2412	Ant1	30	26000	100	300	-8.783	-43.114	<- 28.783	PASS
11N20SISO	2437	Ant1	30	26000	100	300	-9.131	-43.344	<- 29.131	PASS
11N20SISO	2462	Ant1	30	26000	100	300	-9.883	-43.811	<- 29.883	PASS
11N40SISO	2422	Ant1	30	26000	100	300	-12.214	-43.314	<- 32.214	PASS
11N40SISO	2437	Ant1	30	26000	100	300	-12.76	-43.165	<-32.76	PASS
11N40SISO	2452	Ant1	30	26000	100	300	-12.167	-43.686	<- 32.167	PASS

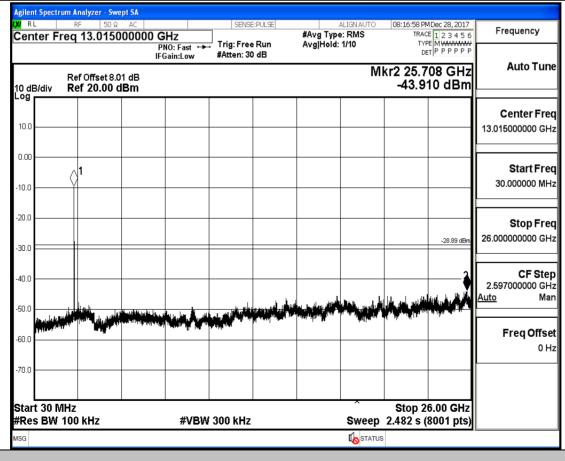


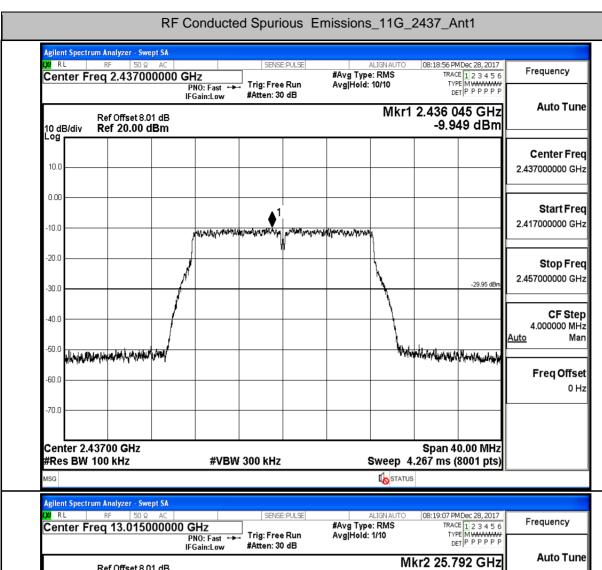


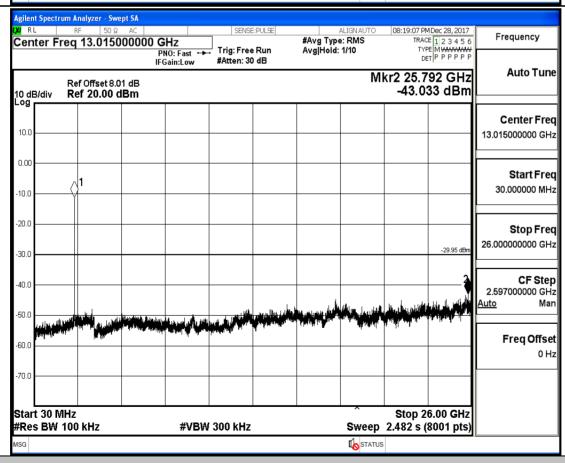


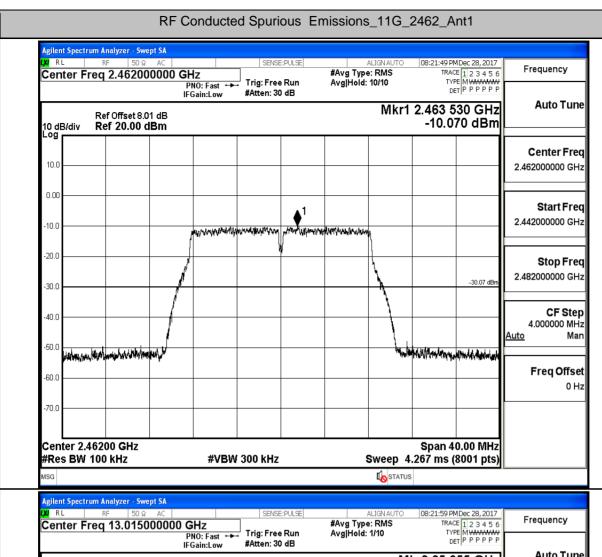


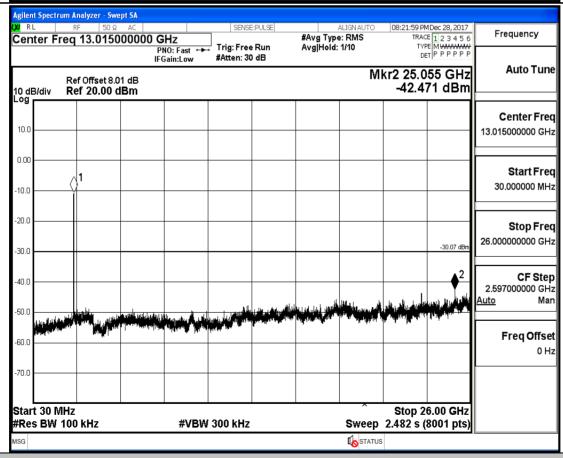


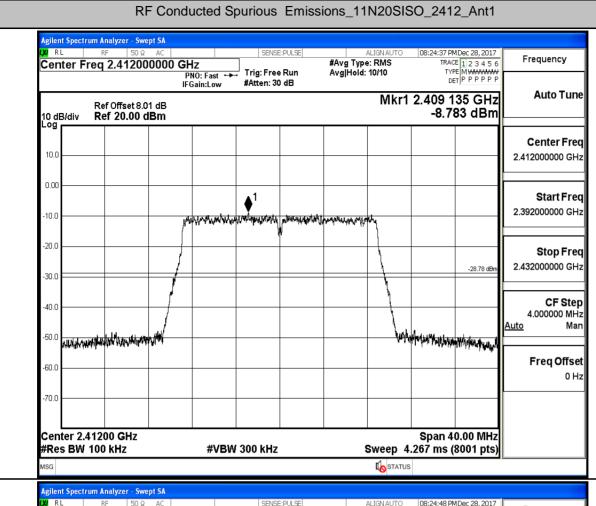


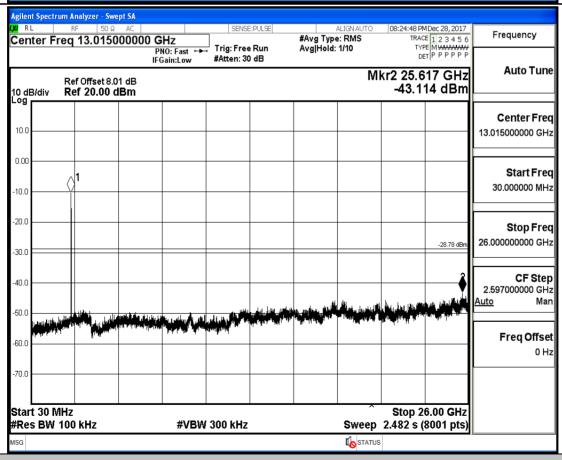


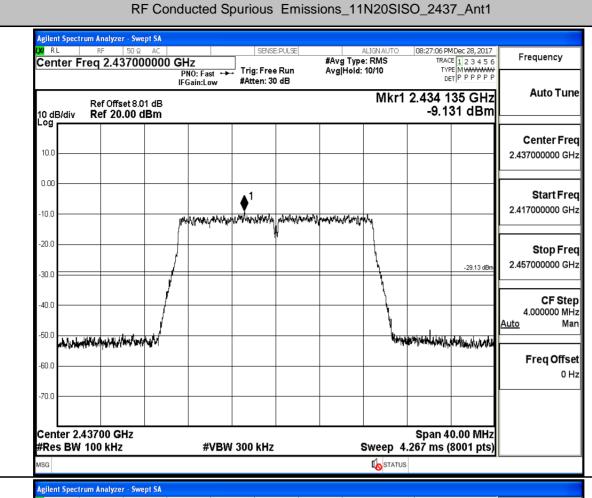


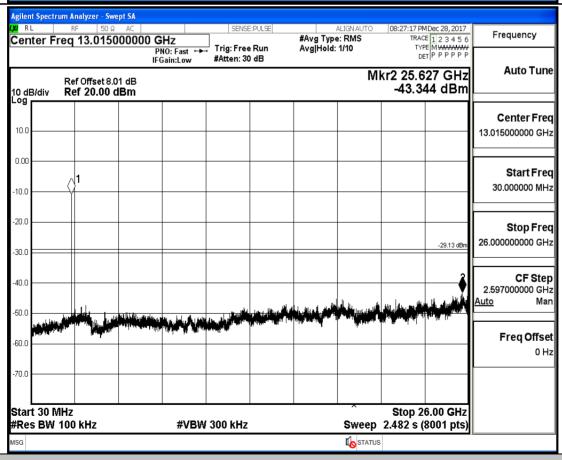


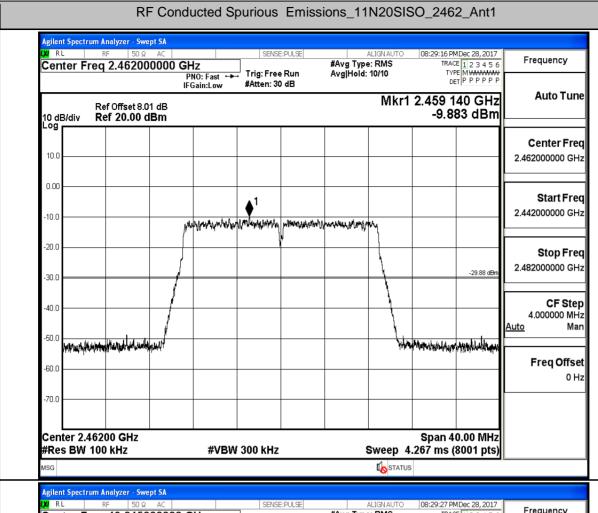


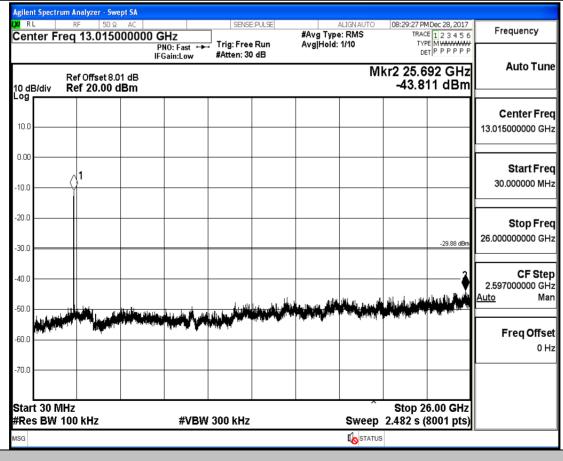


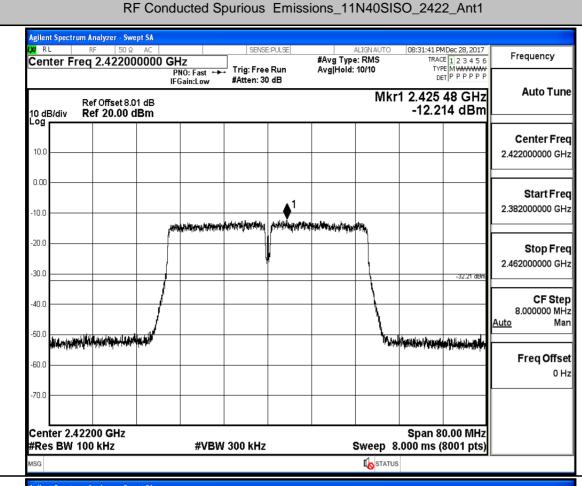


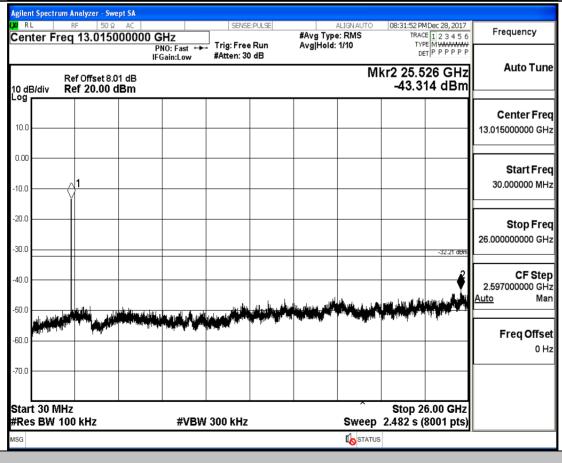


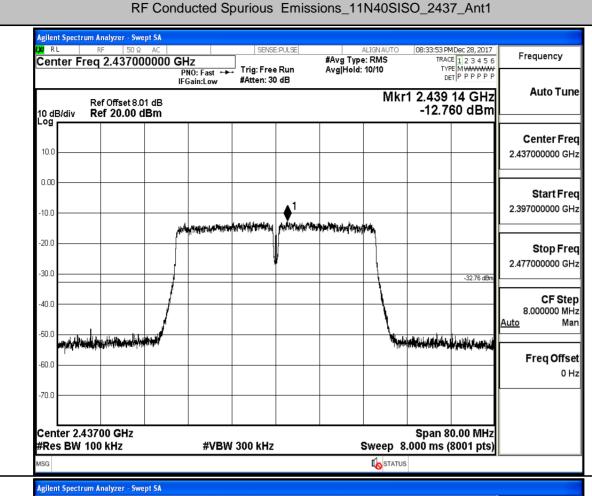


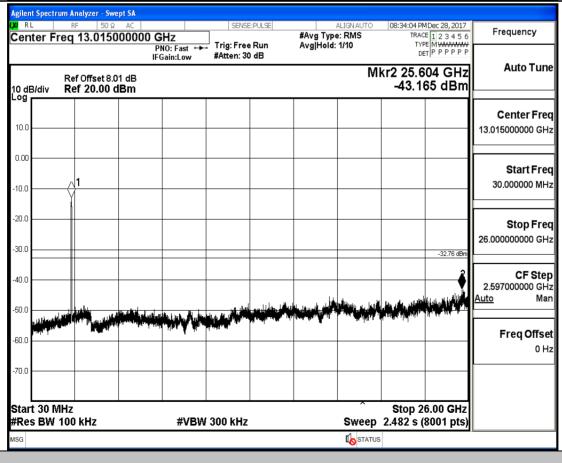


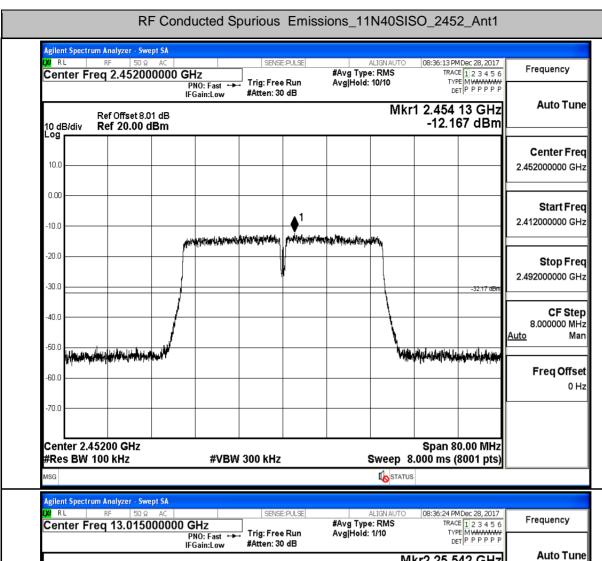


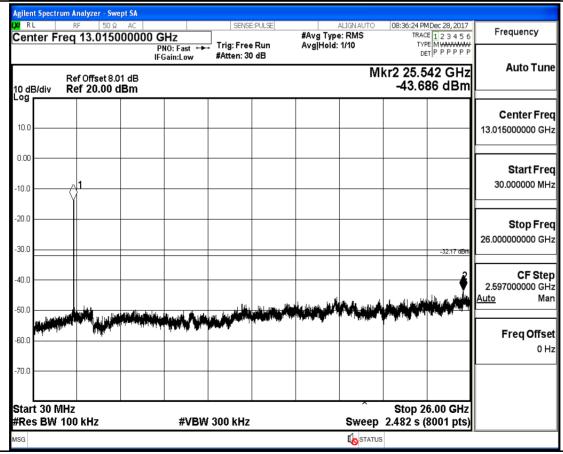






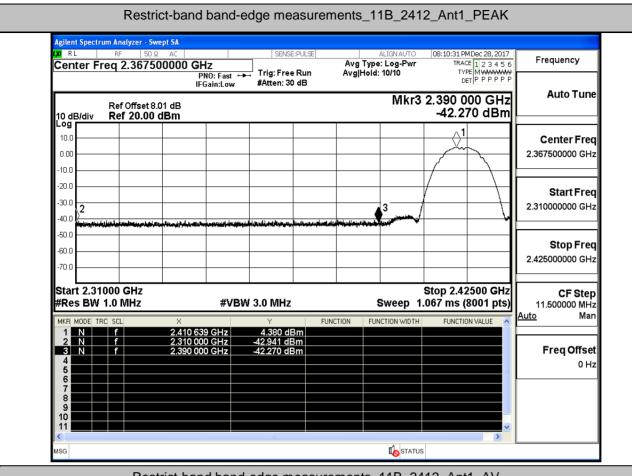


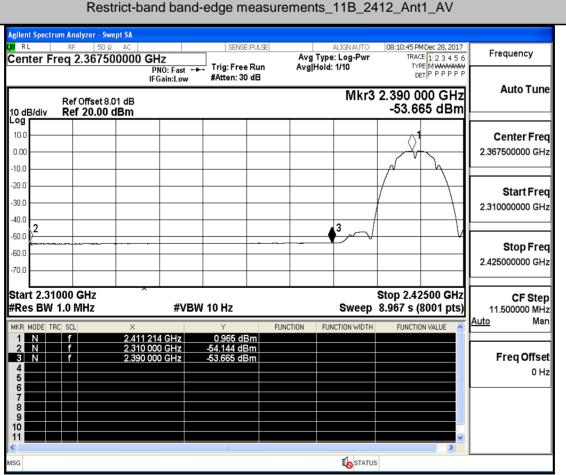


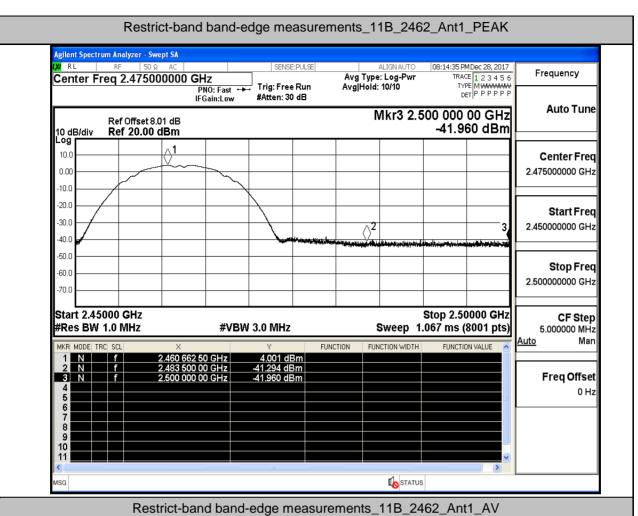


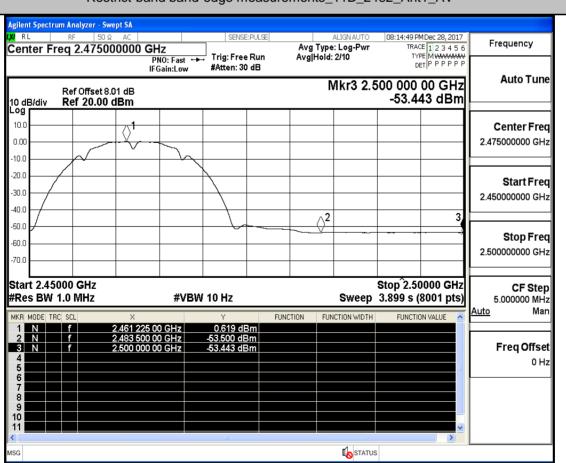
C.6 Restrict-band band-edge measurements

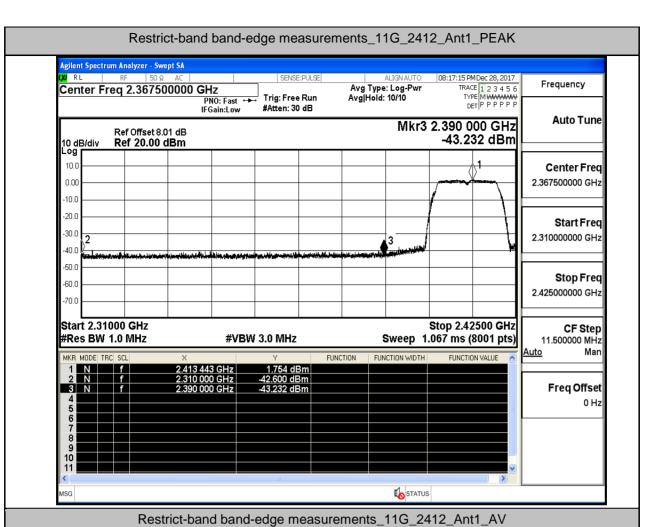
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-42.94	2	0	54.32	PEAK	74	PASS
11B	2412	Ant1	2310.0	-54.14	2	0	43.11	AV	54	PASS
11B	2412	Ant1	2390.0	-42.27	2	0	54.99	PEAK	74	PASS
11B	2412	Ant1	2390.0	-53.67	2	0	43.59	AV	54	PASS
11B	2462	Ant1	2483.5	-41.29	2	0	55.96	PEAK	74	PASS
11B	2462	Ant1	2483.5	-53.50	2	0	43.76	AV	54	PASS
11B	2462	Ant1	2500.0	-41.96	2	0	55.30	PEAK	74	PASS
11B	2462	Ant1	2500.0	-53.44	2	0	43.81	AV	54	PASS
11G	2412	Ant1	2310.0	-42.60	2	0	54.66	PEAK	74	PASS
11G	2412	Ant1	2310.0	-54.10	2	0	43.15	AV	54	PASS
11G	2412	Ant1	2390.0	-43.23	2	0	54.03	PEAK	74	PASS
11G	2412	Ant1	2390.0	-53.18	2	0	44.08	AV	54	PASS
11G	2462	Ant1	2483.5	-43.33	2	0	53.93	PEAK	74	PASS
11G	2462	Ant1	2483.5	-53.18	2	0	44.08	AV	54	PASS
11G	2462	Ant1	2500.0	-43.58	2	0	53.68	PEAK	74	PASS
11G	2462	Ant1	2500.0	-53.19	2	0	44.07	AV	54	PASS
11N20SISO	2412	Ant1	2310.0	-44.33	2	0	52.93	PEAK	74	PASS
11N20SISO	2412	Ant1	2310.0	-54.12	2	0	43.14	AV	54	PASS
11N20SISO	2412	Ant1	2390.0	-42.17	2	0	55.09	PEAK	74	PASS
11N20SISO	2412	Ant1	2390.0	-52.95	2	0	44.30	AV	54	PASS
11N20SISO	2462	Ant1	2483.5	-42.55	2	0	54.70	PEAK	74	PASS
11N20SISO	2462	Ant1	2483.5	-53.12	2	0	44.14	AV	54	PASS
11N20SISO	2462	Ant1	2500.0	-42.00	2	0	55.26	PEAK	74	PASS
11N20SISO	2462	Ant1	2500.0	-53.21	2	0	44.05	AV	54	PASS
11N40SISO	2422	Ant1	2310.0	-43.49	2	0	53.77	PEAK	74	PASS
11N40SISO	2422	Ant1	2310.0	-54.14	2	0	43.11	AV	54	PASS
11N40SISO	2422	Ant1	2390.0	-41.49	2	0	55.77	PEAK	74	PASS
11N40SISO	2422	Ant1	2390.0	-52.55	2	0	44.71	AV	54	PASS
11N40SISO	2452	Ant1	2483.5	-42.26	2	0	55.00	PEAK	74	PASS
11N40SISO	2452	Ant1	2483.5	-53.03	2	0	44.23	AV	54	PASS
11N40SISO	2452	Ant1	2500.0	-43.03	2	0	54.23	PEAK	74	PASS
11N40SISO	2452	Ant1	2500.0	-53.30	2	0	43.96	AV	54	PASS

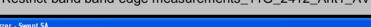


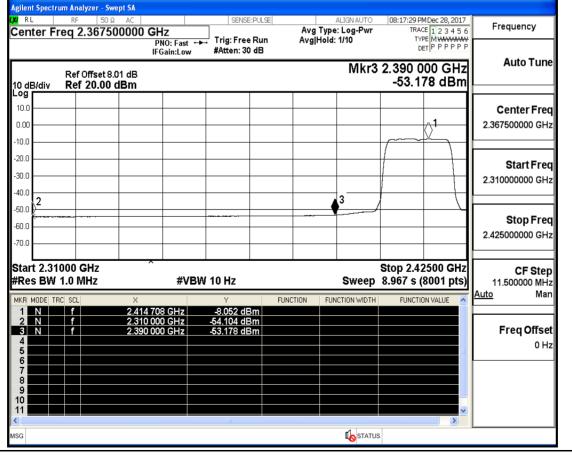


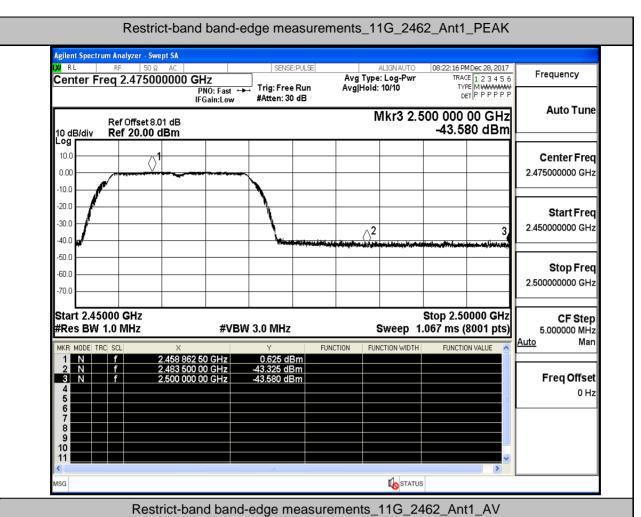


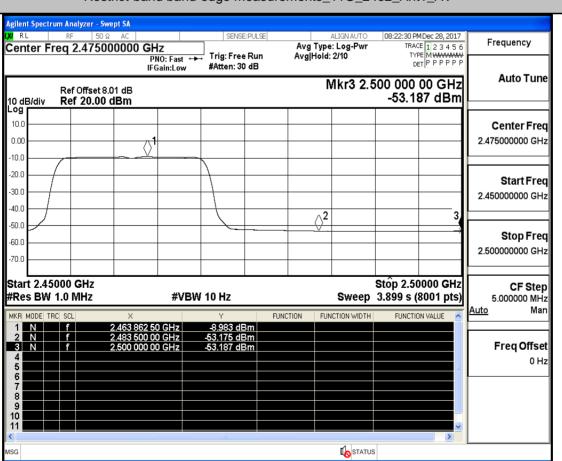


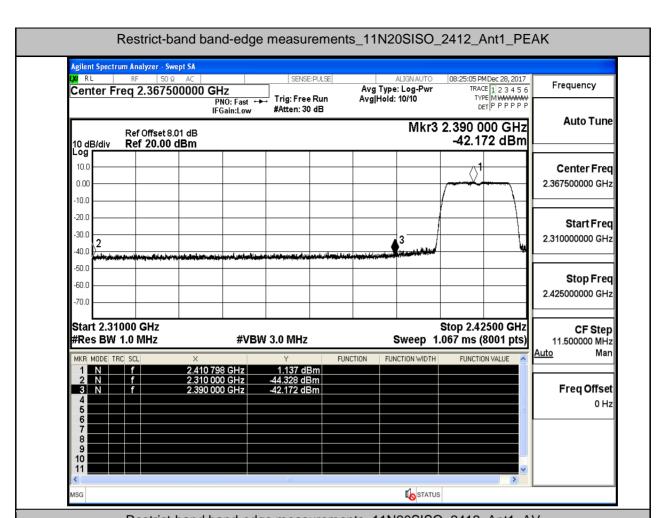


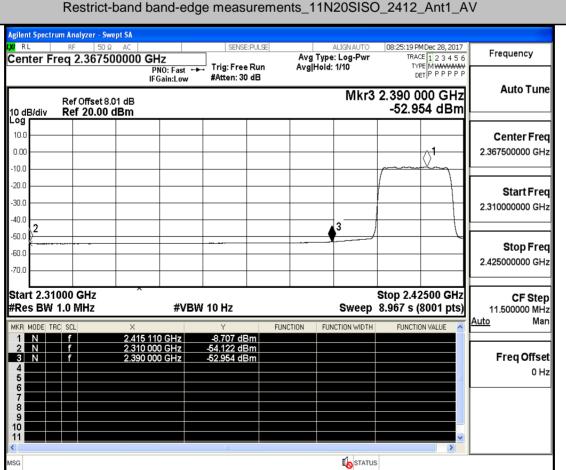


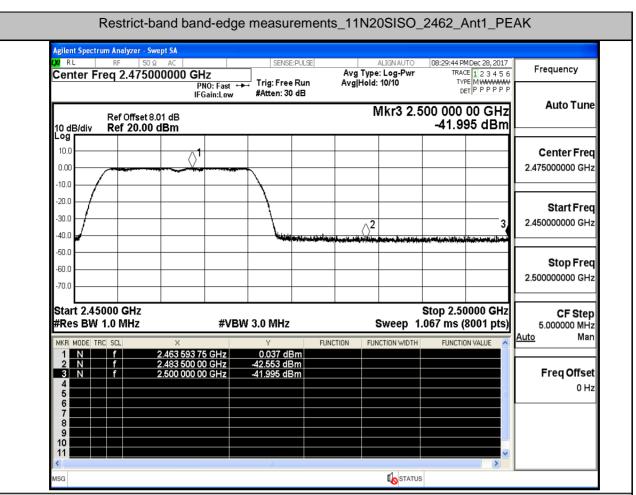


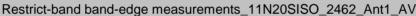


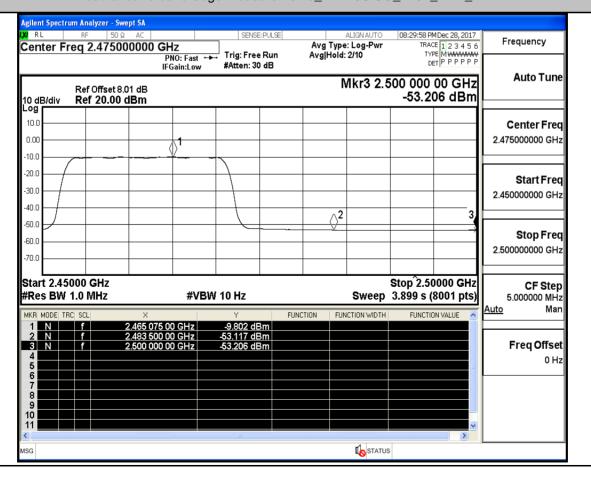


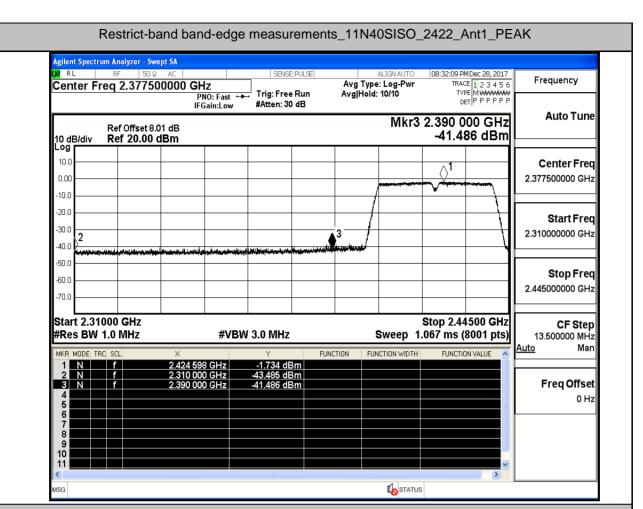


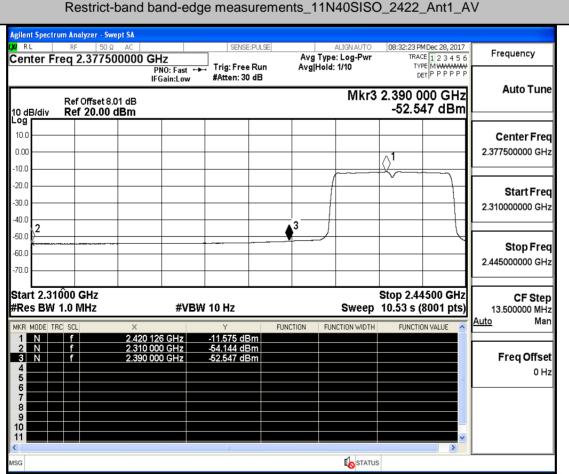


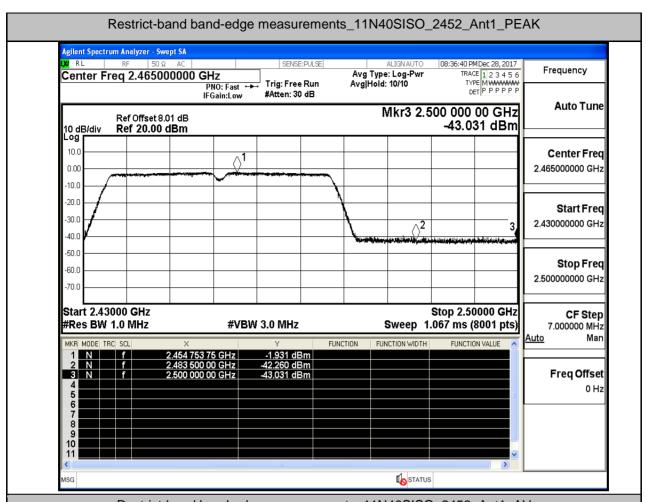


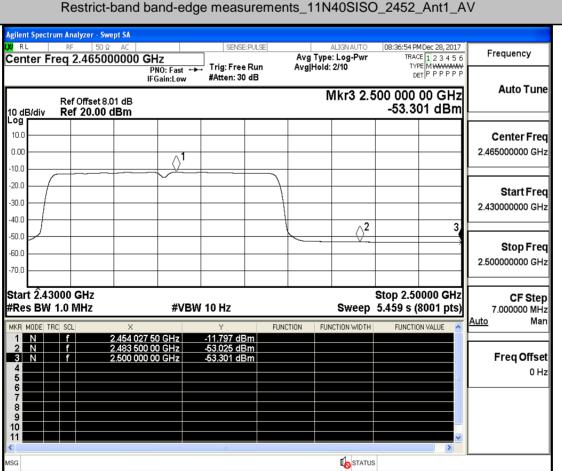












C.7 Duty Cycle

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

