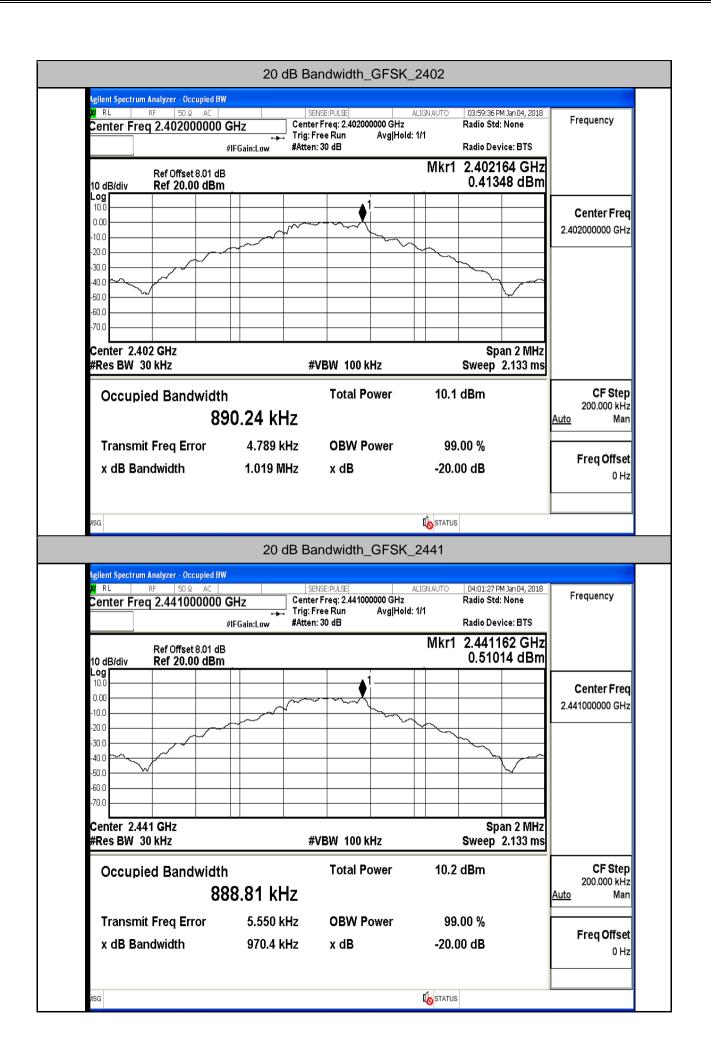
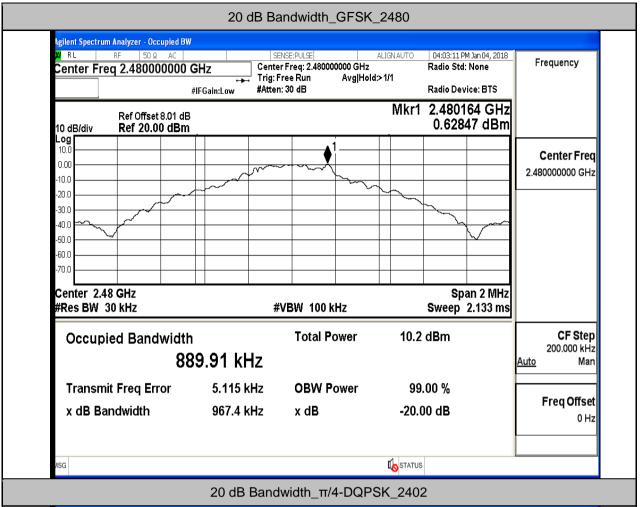
Appendix A RF Test Data for BT V4.1(BDR/EDR) (Conducted Measurement)

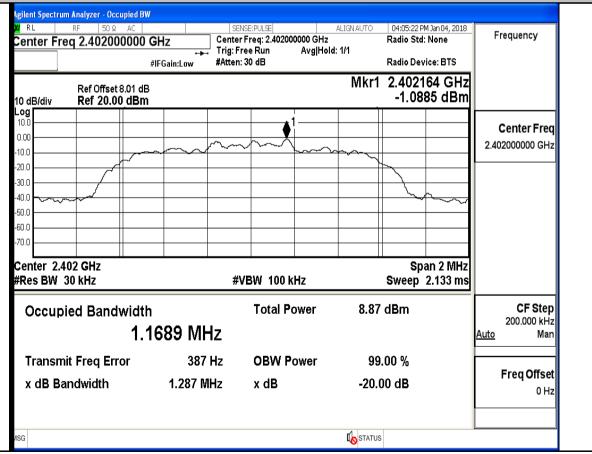
Product Name: Bluetooth Headset
Trade Mark: MacaW
Test Model: TX80
FCC ID: 2AOYE-TX80

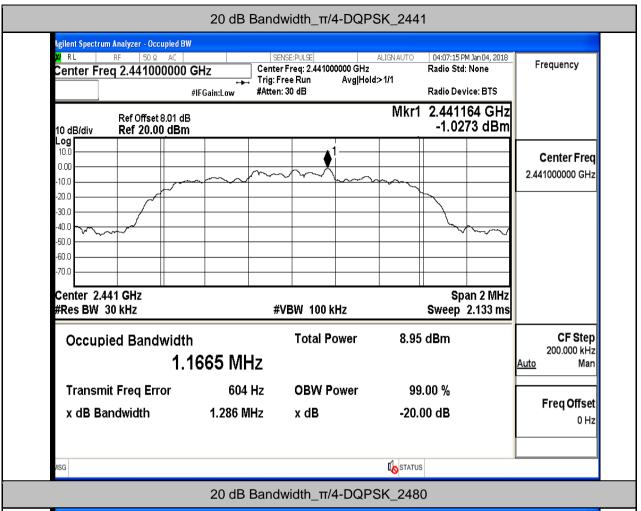
A.1 20 dB Bandwidth

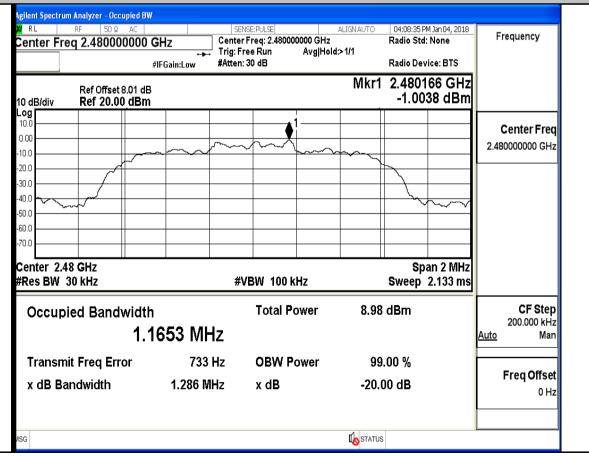
Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
	2402	1.019		PASS
GFSK	2441	0.9704		PASS
	2480	0.9674		PASS
π/4-DQPSK	2402	1.287		PASS
	2441	1.286		PASS
	2480	1.286		PASS
8-DPSK	2402	1.291		PASS
	2441	1.291		PASS
	2480	1.290		PASS

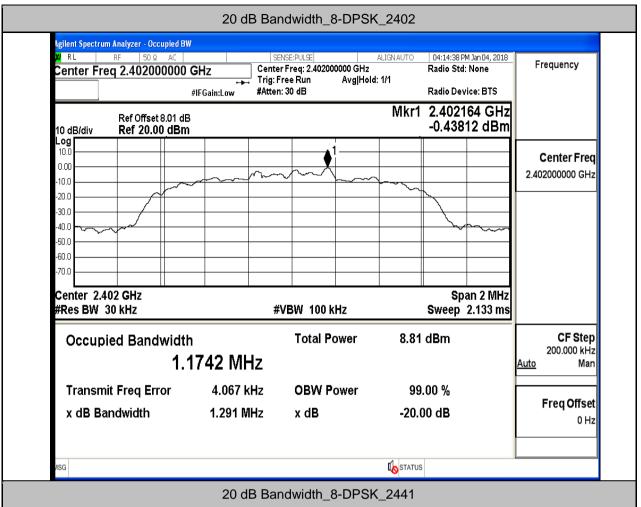


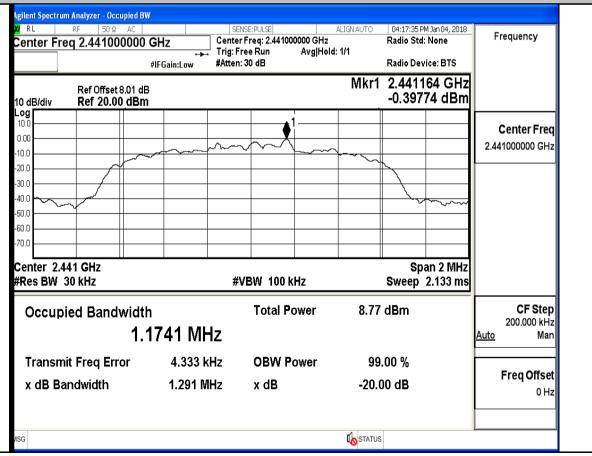


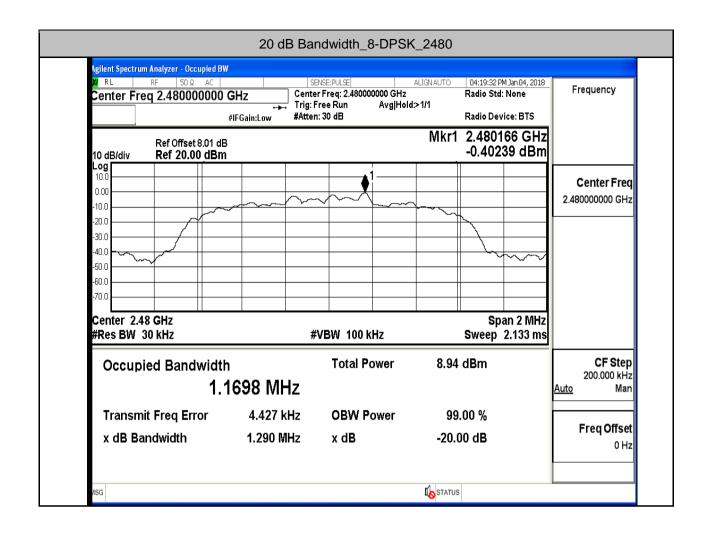






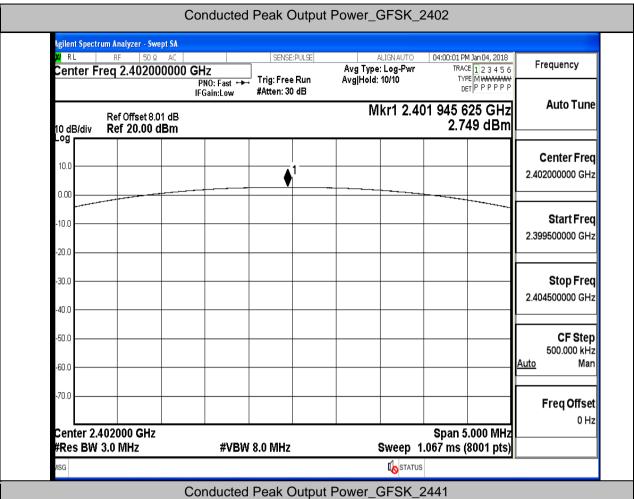


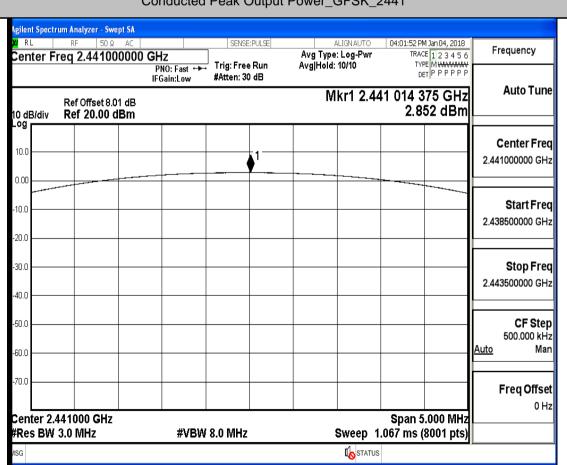


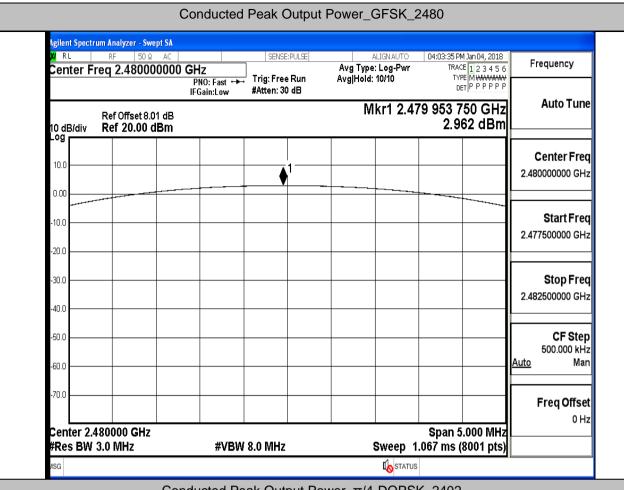


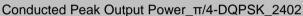
A.2 Conducted Peak Output Power

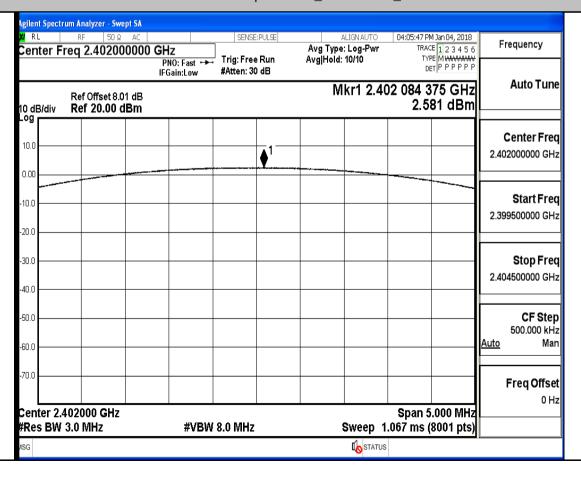
Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
	2402	2.749	30	PASS
GFSK	2441	2.852	30	PASS
	2480	2.962	30	PASS
	2402	2.581	21	PASS
π/4-DQPSK	2441	2.675	21	PASS
	2480	2.748	21	PASS
8-DPSK	2402	2.757	21	PASS
	2441	2.883	21	PASS
	2480	2.964	21	PASS

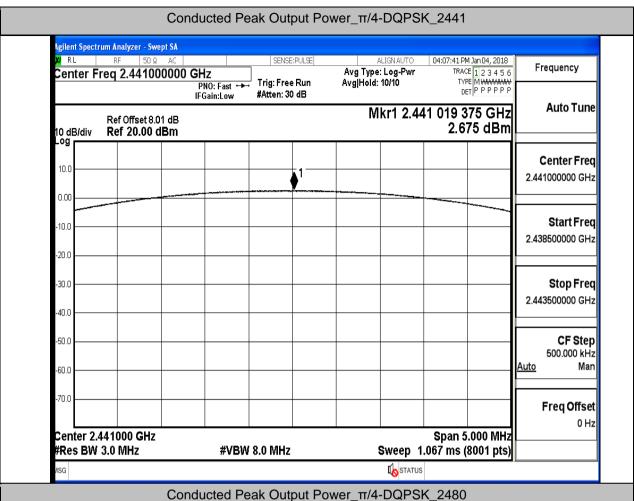


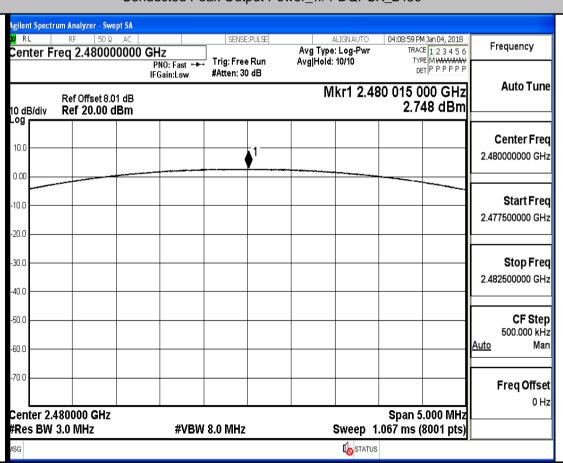


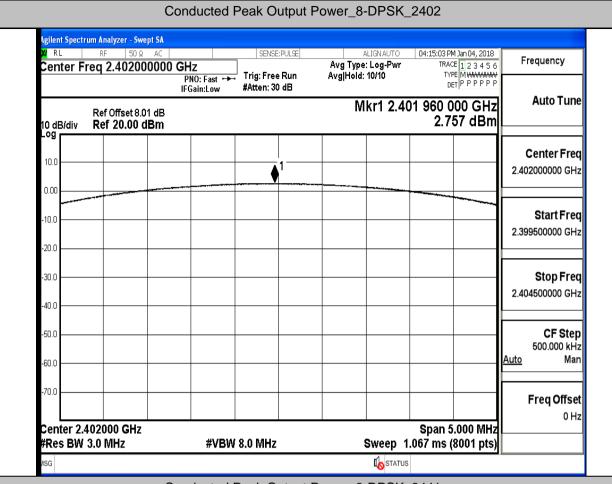


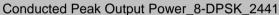


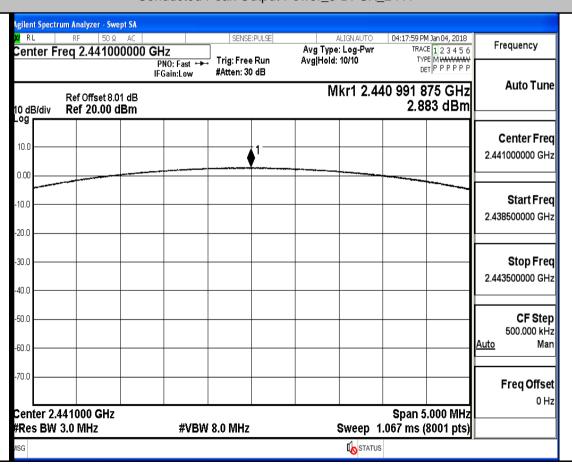


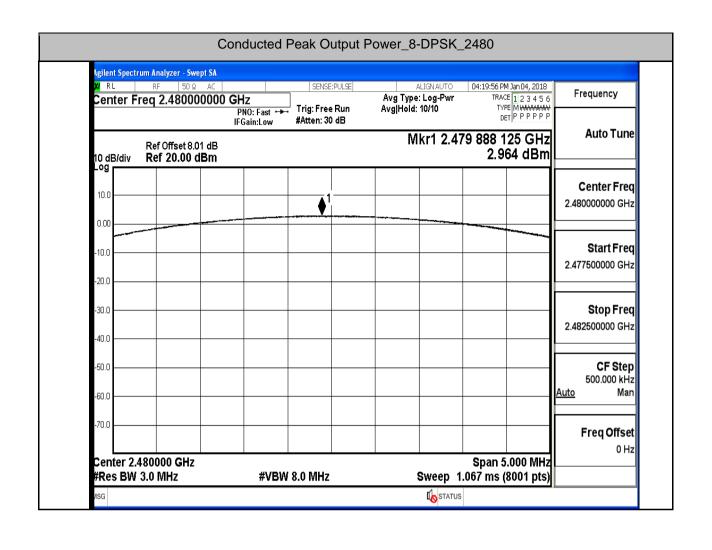






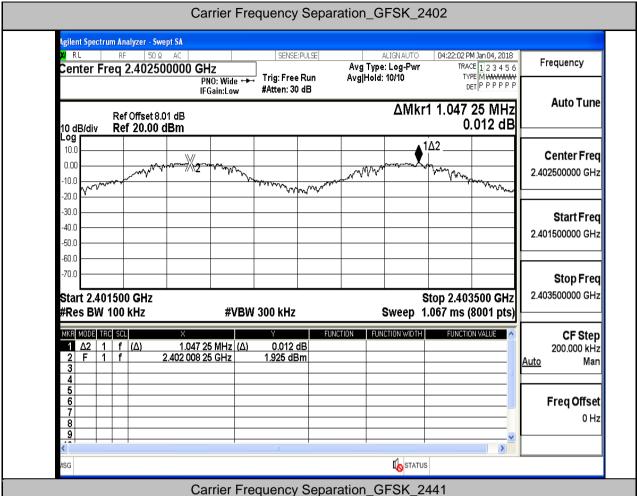


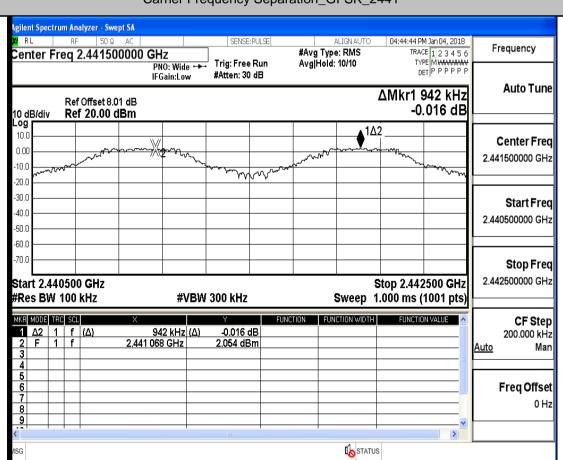


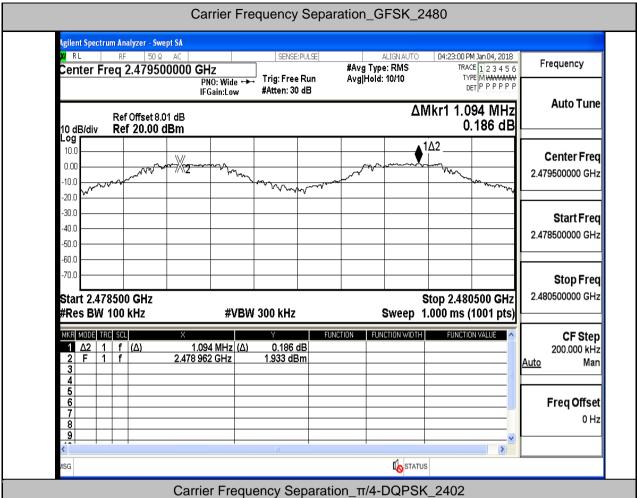


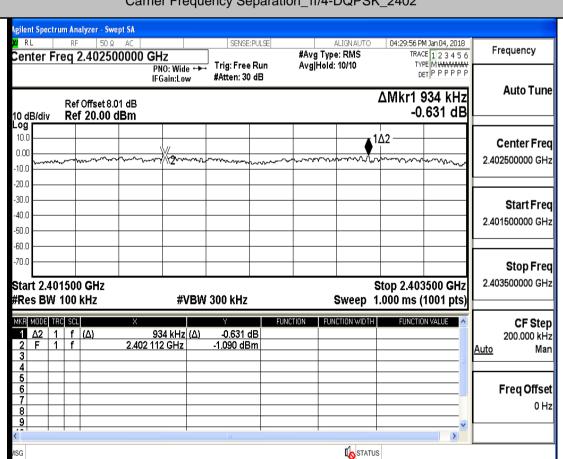
A.3 Carrier Frequency Separation

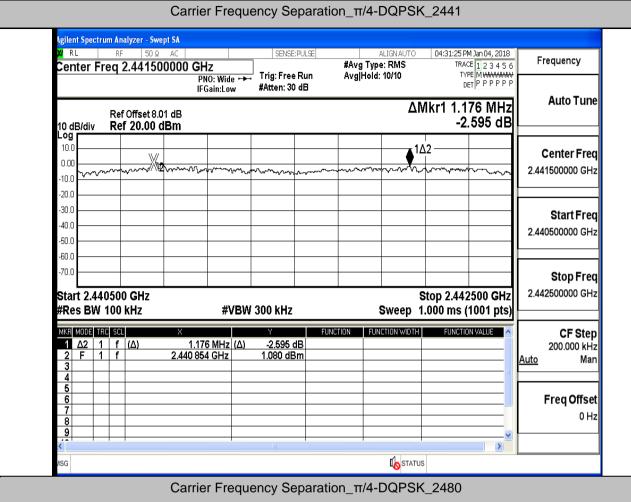
Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
	2402	1.047	1.019	PASS
GFSK	2441	0.942	0.6469	PASS
	2480	1.094	0.9674	PASS
	2402	0.934	0.86	PASS
π/4-DQPSK	2441	1.176	0.86	PASS
	2480	0.89	0.86	PASS
8-DPSK	2402	0.986	0.86	PASS
	2441	0.962	0.86	PASS
	2480	1.008	0.86	PASS

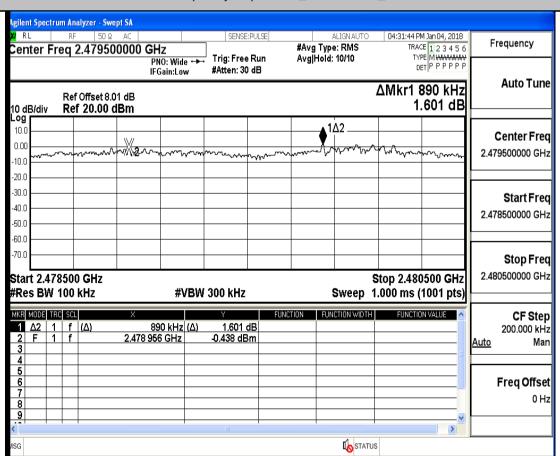


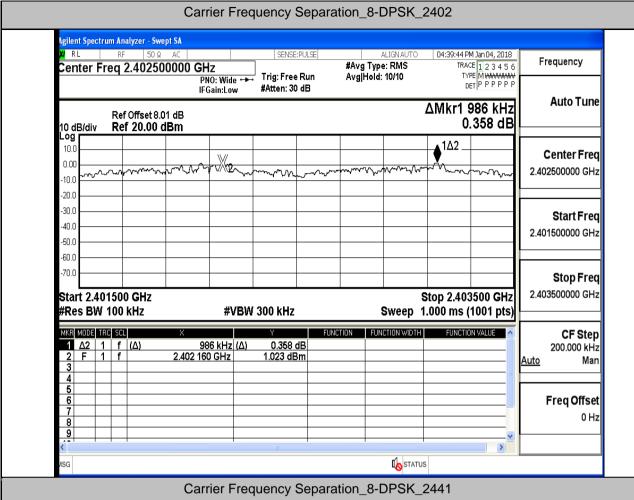


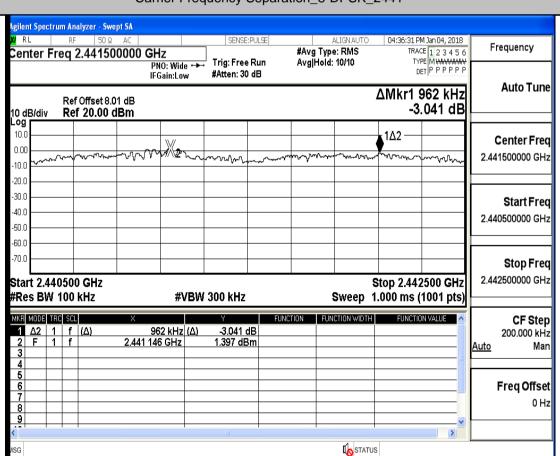


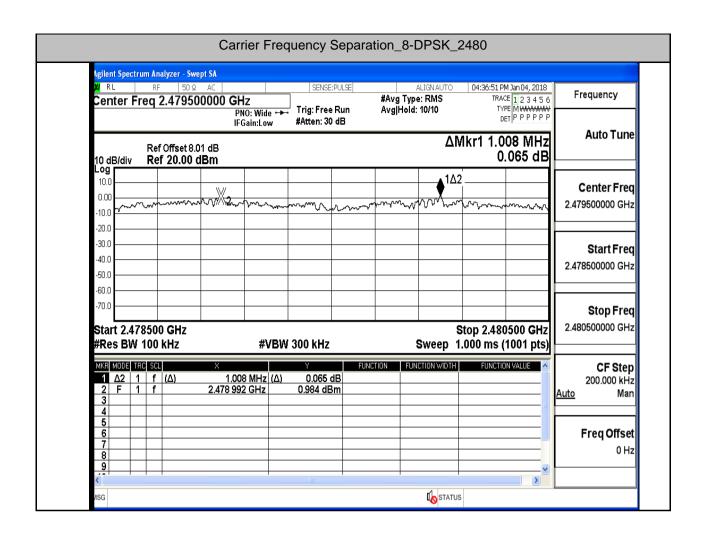






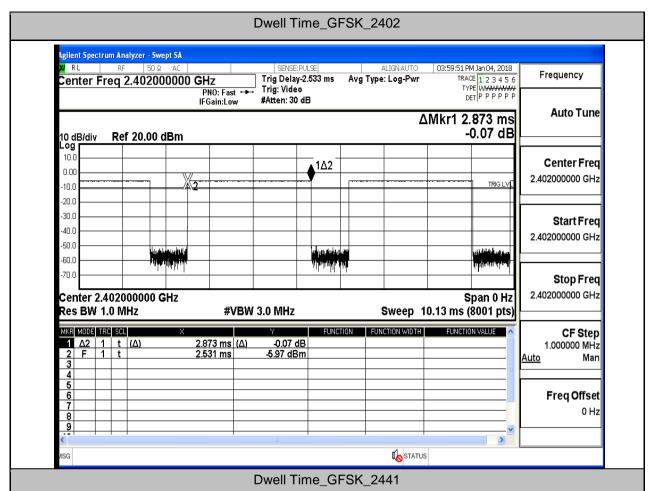


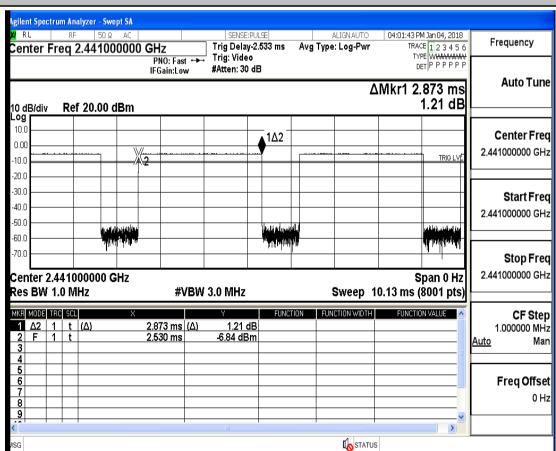


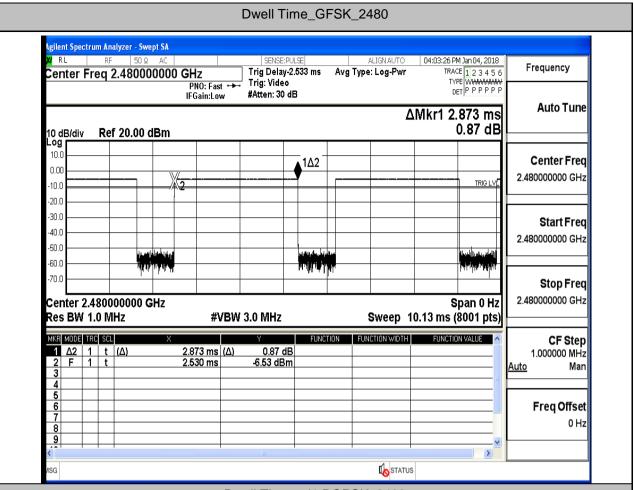


A.4 Dwell Time

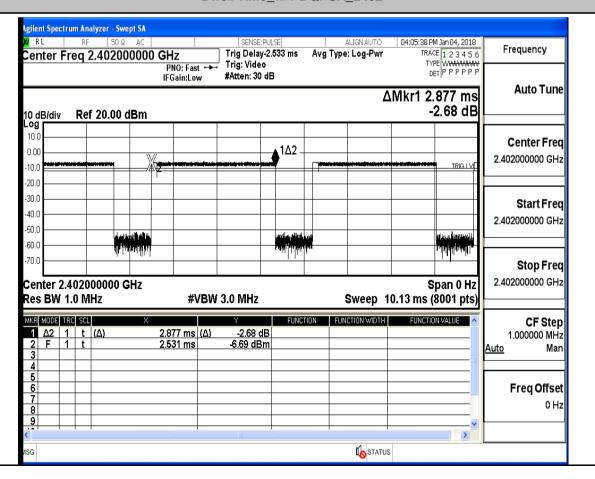
Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
	2402	2.87	106.7	0.306	0.4	PASS
GFSK	2441	2.87	106.7	0.306	0.4	PASS
	2480	2.87	106.7	0.306	0.4	PASS
π/4-DQPSK	2402	2.88	106.7	0.307	0.4	PASS
	2441	2.88	106.7	0.307	0.4	PASS
	2480	2.88	106.7	0.307	0.4	PASS
8-DPSK	2402	2.88	106.7	0.307	0.4	PASS
	2441	2.88	106.7	0.307	0.4	PASS
	2480	2.88	106.7	0.307	0.4	PASS

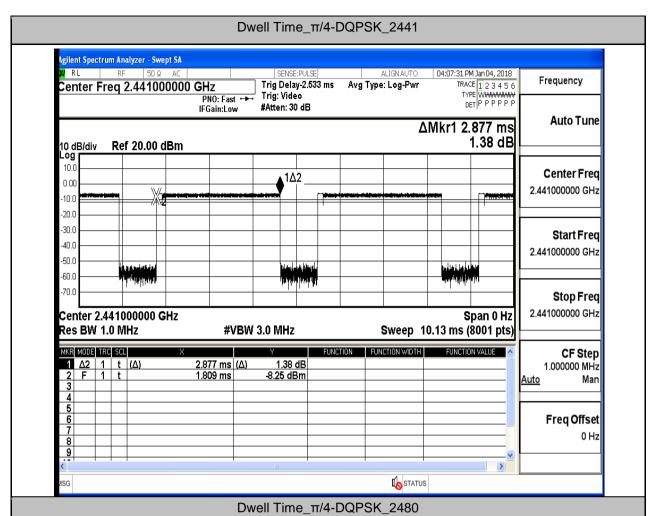


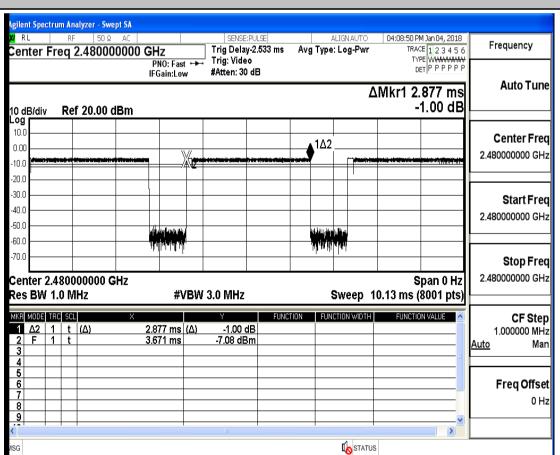


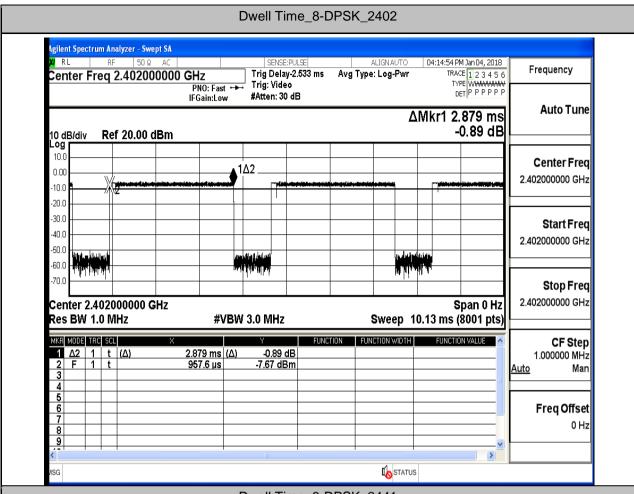


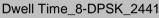
Dwell Time_π/4-DQPSK_2402

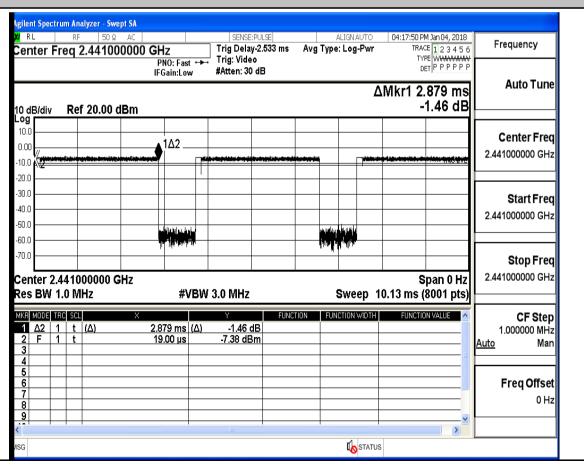


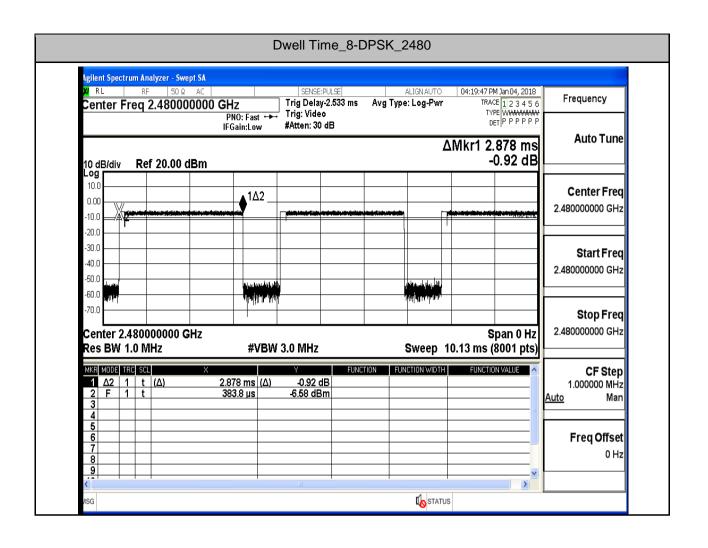






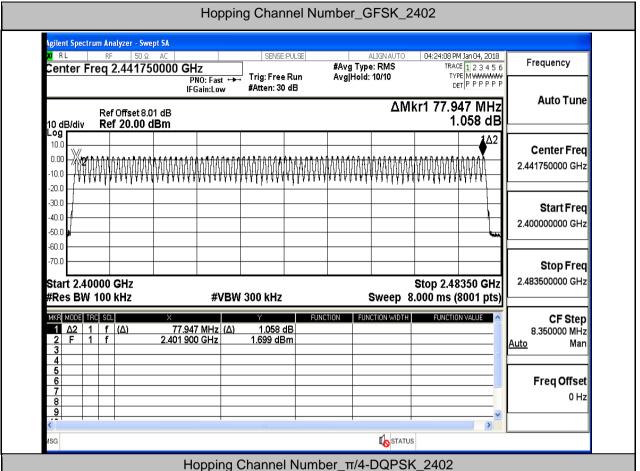


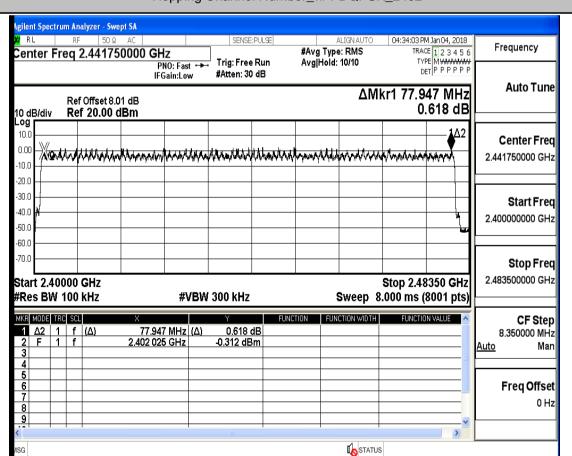


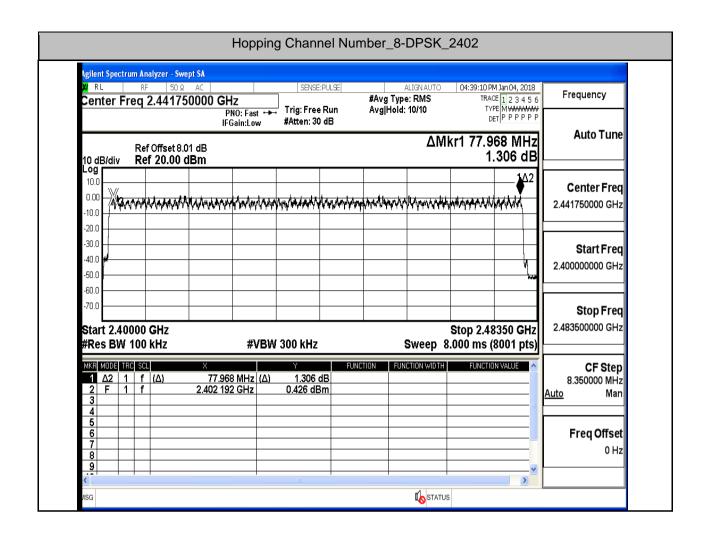


A.5 Hopping Channel Number

Test Mode	Test Channel	Number of Hopping Channel[N] Li		Verdict
GFSK	2402	79	>=15	PASS
π/4-DQPSK	2402	79	>=15	PASS
8-DPSK	2402	79	>=15	PASS

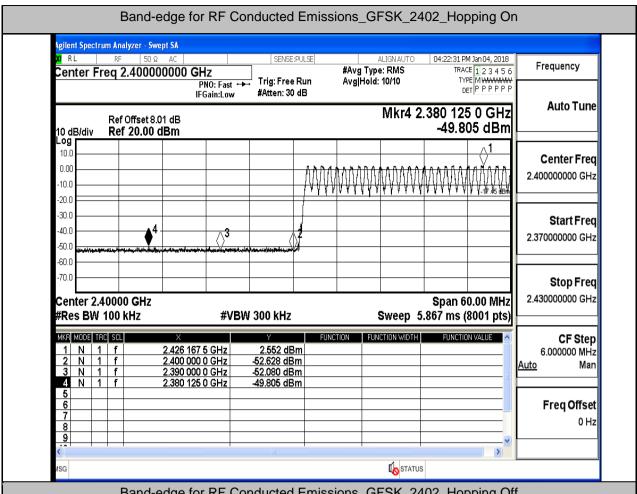




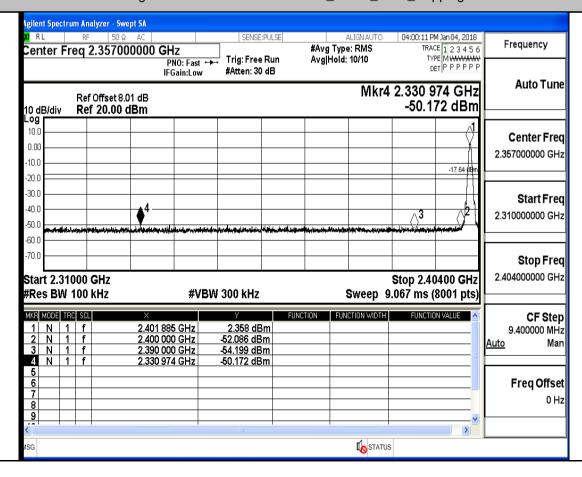


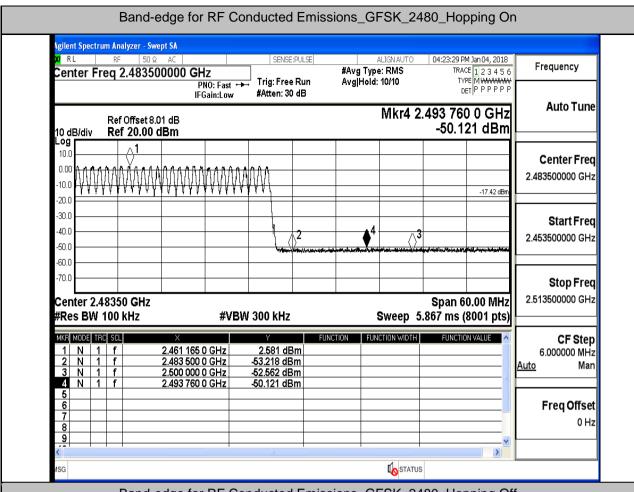
A.6 Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
	2402	On	2.552	-49.805	-17.45	PASS
GFSK	2402	Off	2.358	-50.172	-17.64	PASS
GFSK	2480	On	2.581	-50.121	-17.42	PASS
	2480	Off	2.772	-49.212	-17.23	PASS
	2402	On	1.743	-49.459	-18.26	PASS
π/4-DQPSK	2402	Off	-1.503	-49.281	-21.5	PASS
11/4-DQF3K	2480	On	1.860	-49.427	-18.14	PASS
	2480	Off	1.821	-49.810	-18.18	PASS
	2402	On	1.699	-49.143	-18.3	PASS
8-DPSK	2402	Off	1.197	-50.460	-18.8	PASS
	2480	On	1.806	-49.152	-18.19	PASS
	2480	Off	1.837	-50.116	-18.16	PASS

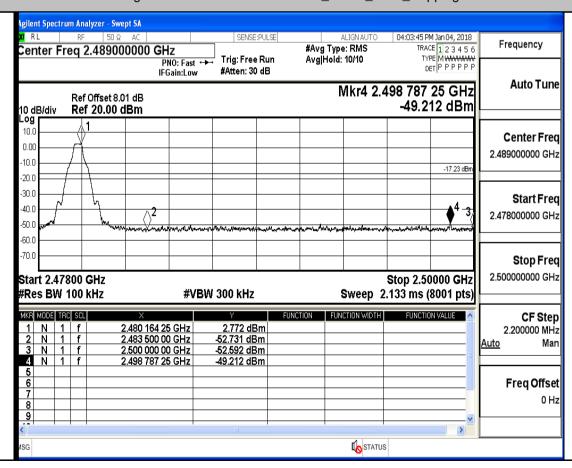


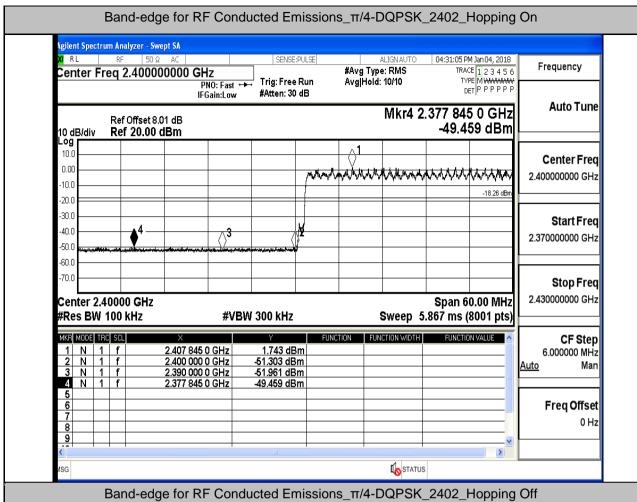
Band-edge for RF Conducted Emissions_GFSK_2402_Hopping Off

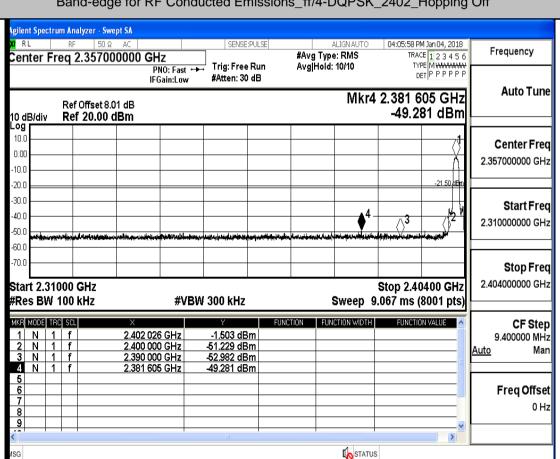


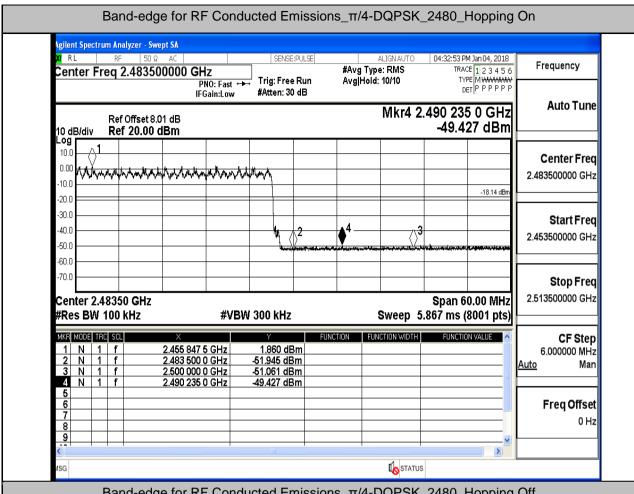


Band-edge for RF Conducted Emissions_GFSK_2480_Hopping Off

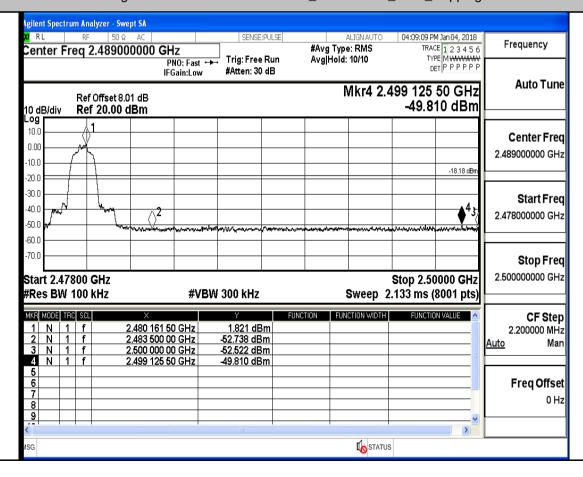


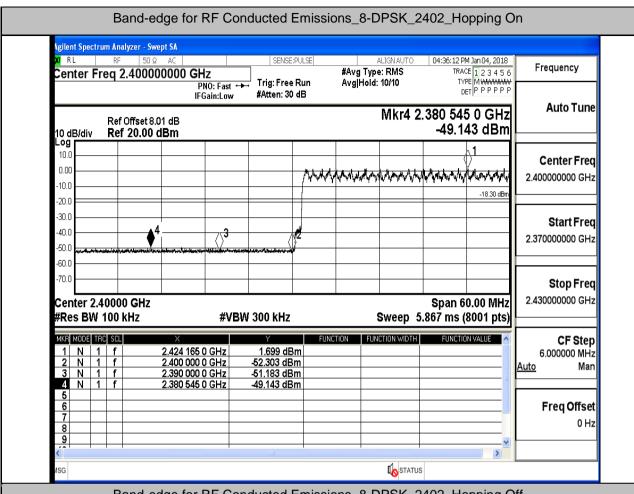




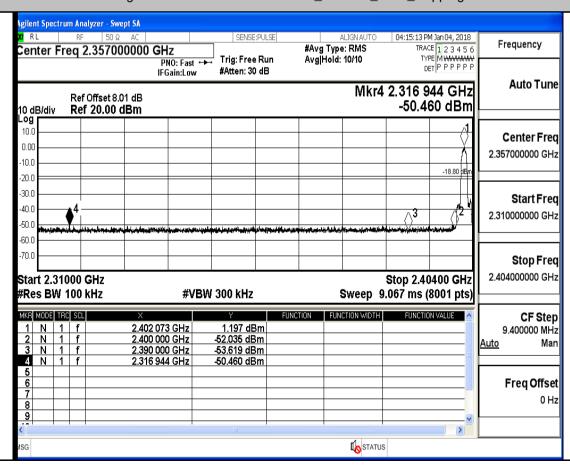


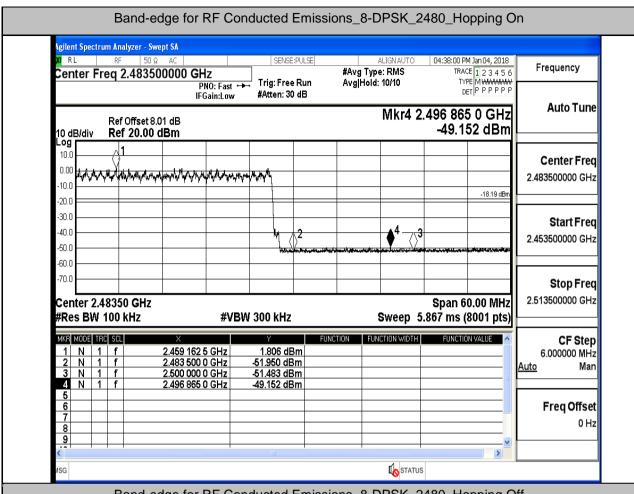
Band-edge for RF Conducted Emissions_π/4-DQPSK_2480_Hopping Off



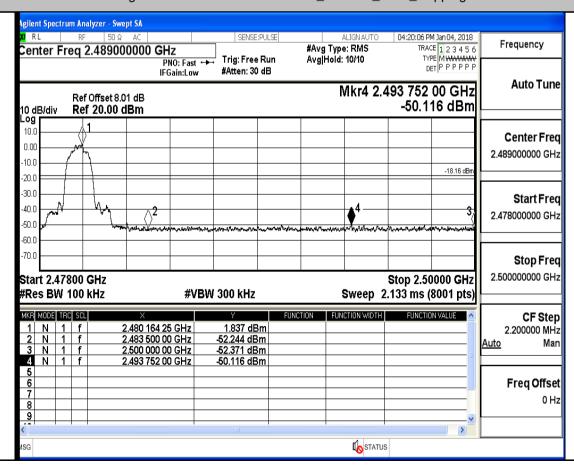


Band-edge for RF Conducted Emissions_8-DPSK_2402_Hopping Off



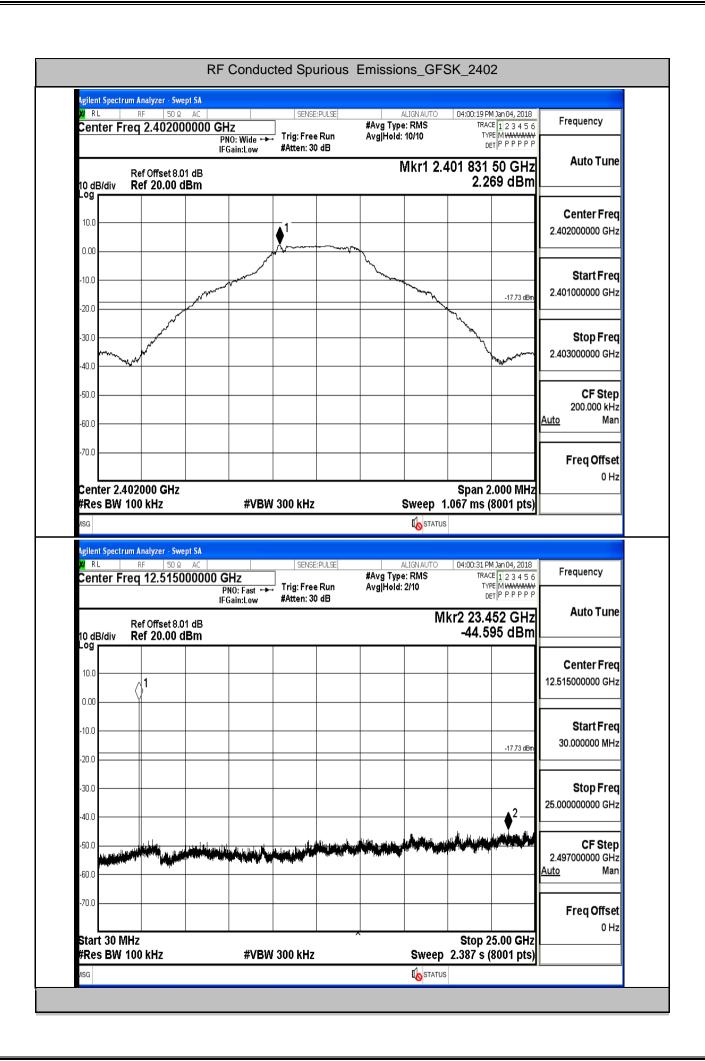


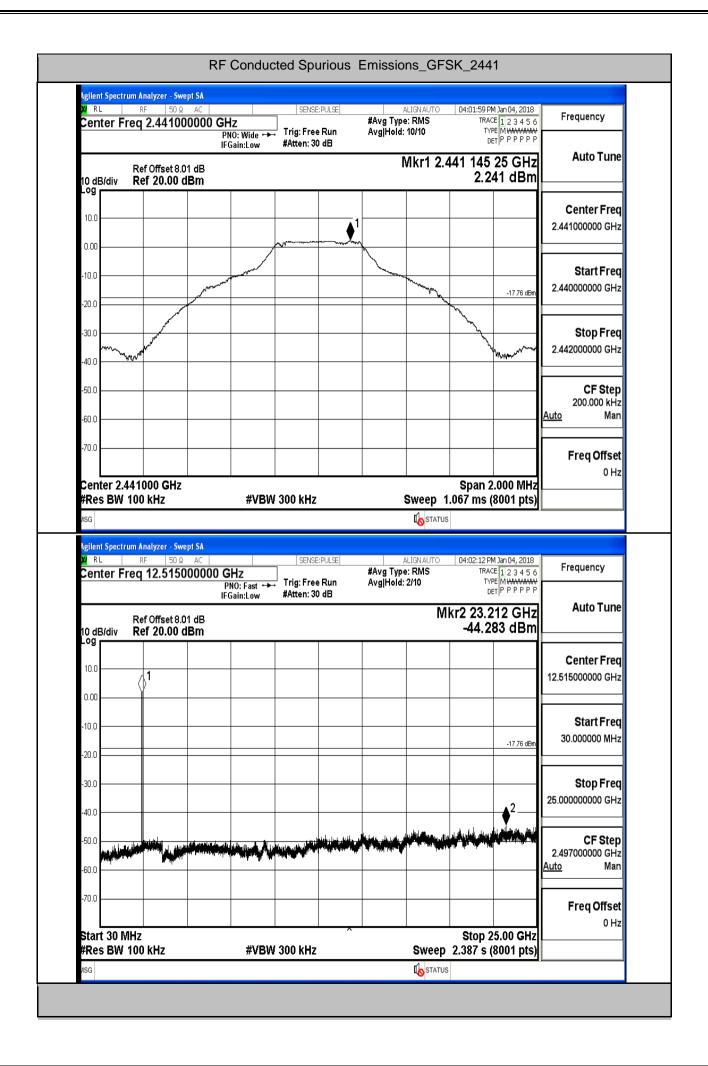
Band-edge for RF Conducted Emissions_8-DPSK_2480_Hopping Off

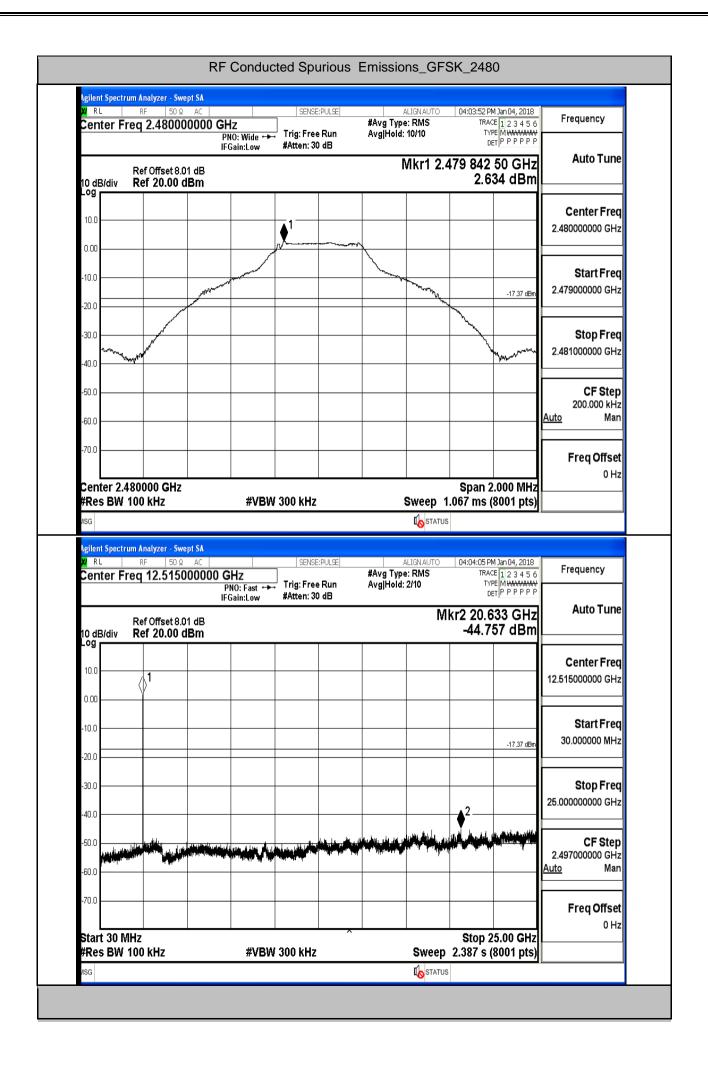


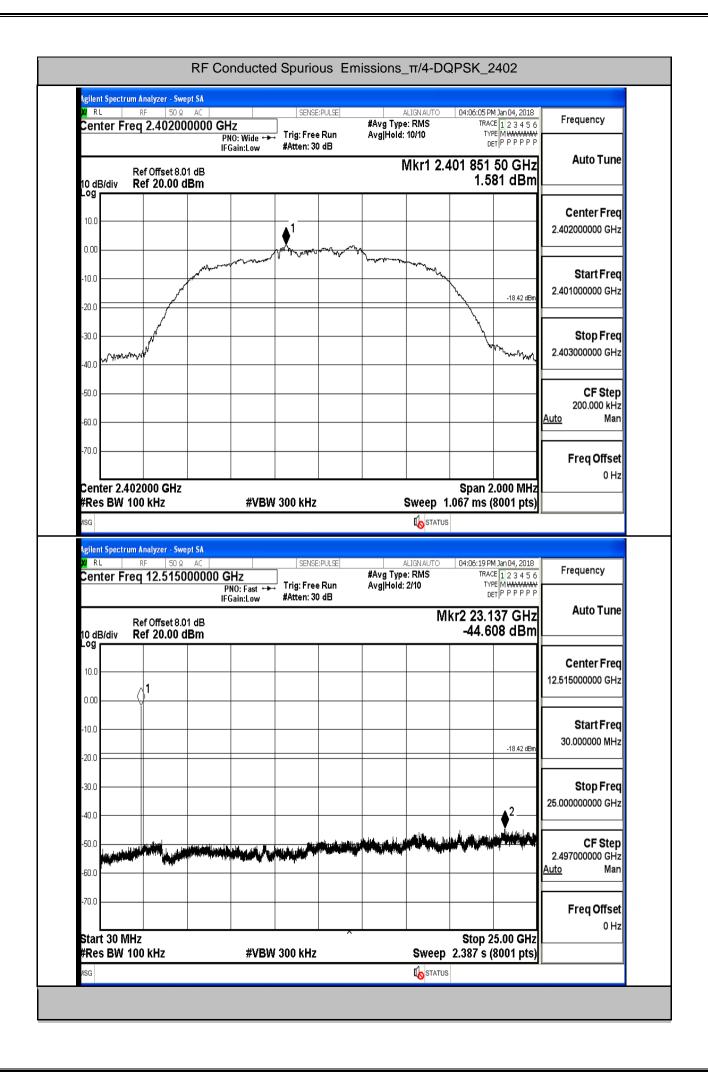
A.7 RF Conducted Spurious Emissions

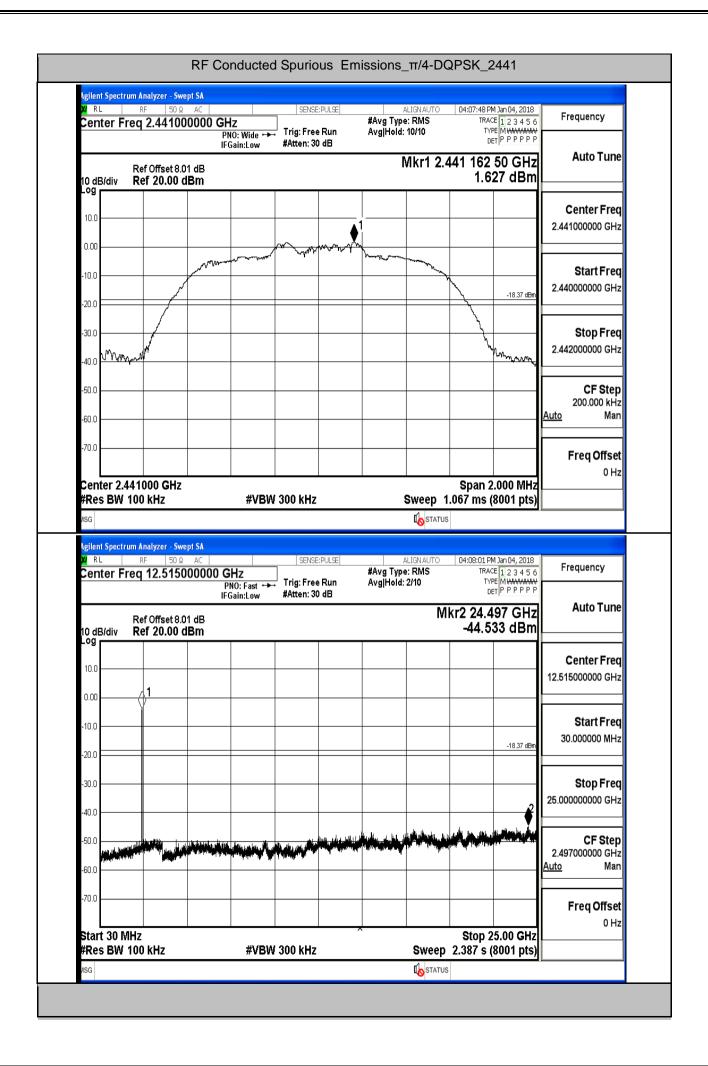
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	2402	30	25000	100	300	2.269	-44.595	<- 17.731	PASS
GFSK	2441	30	25000	100	300	2.241	-44.283	<- 17.759	PASS
	2480	30	25000	100	300	2.634	-44.757	<- 17.366	PASS
π/4- DQPSK	2402	30	25000	100	300	1.581	-44.608	<- 18.419	PASS
	2441	30	25000	100	300	1.627	-44.533	<- 18.373	PASS
	2480	30	25000	100	300	1.72	-44.239	<-18.28	PASS
8-DPSK	2402	30	25000	100	300	1.483	-43.749	<- 18.517	PASS
	2441	30	25000	100	300	1.614	-44.671	<- 18.386	PASS
	2480	30	25000	100	300	1.639	-44.520	<- 18.361	PASS

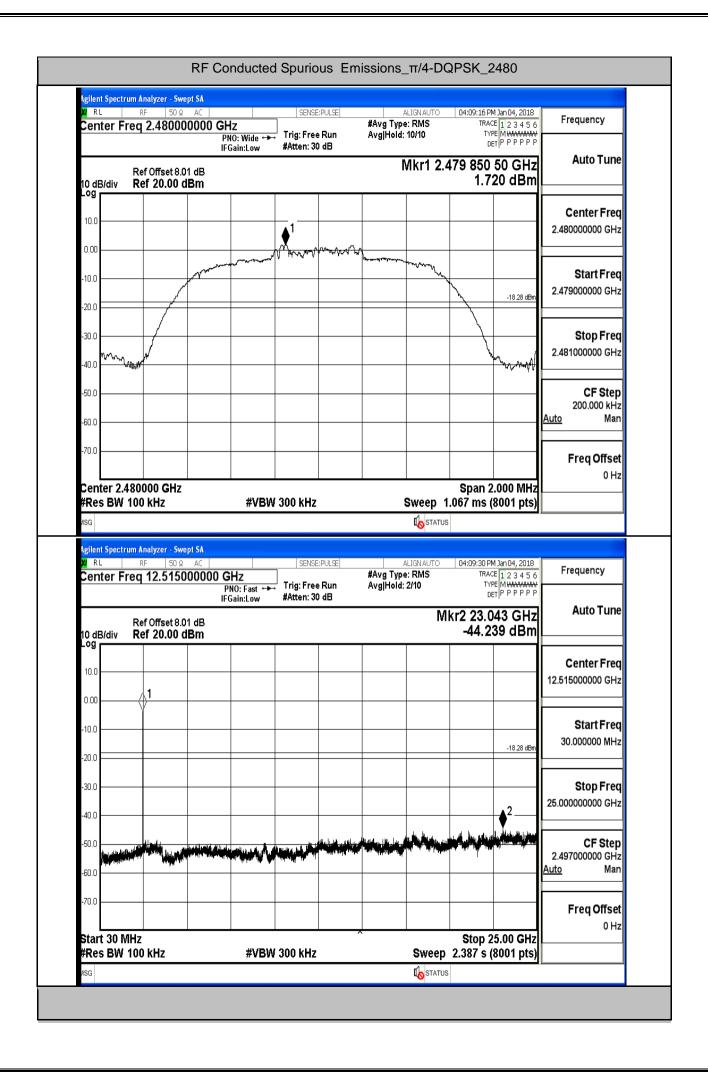


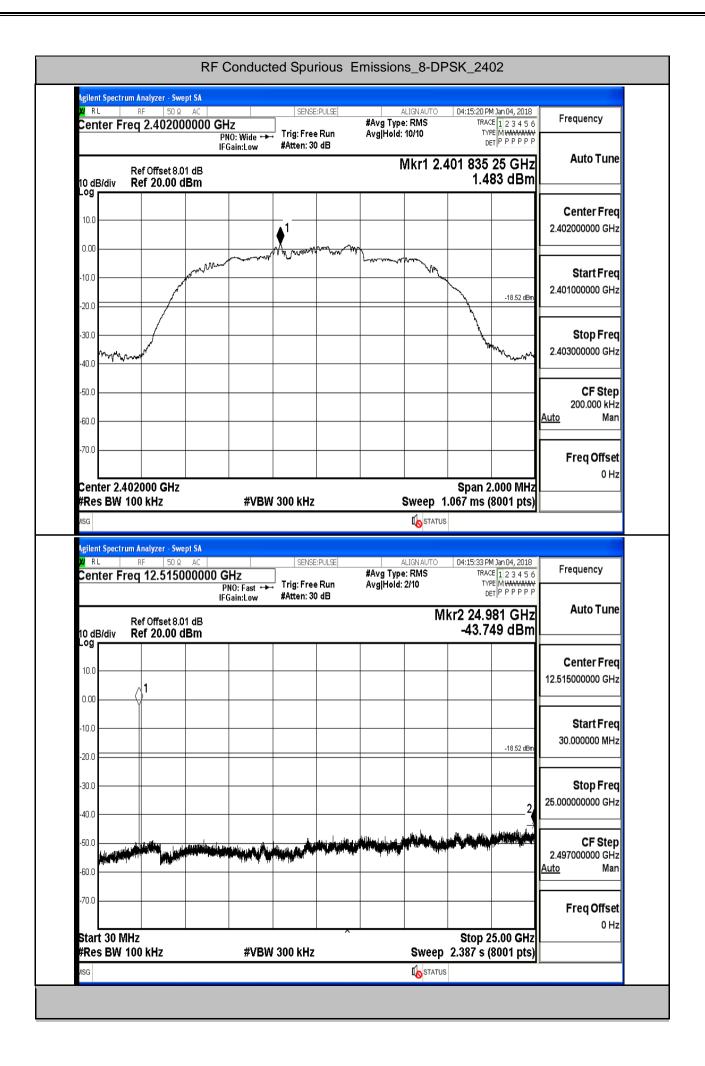


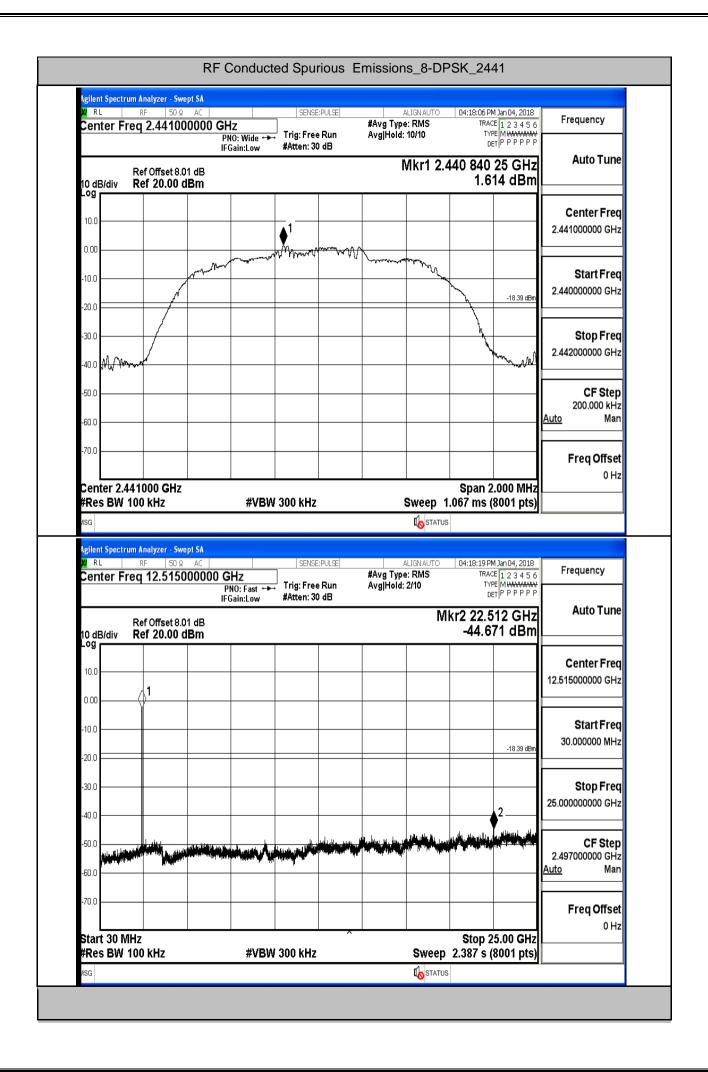


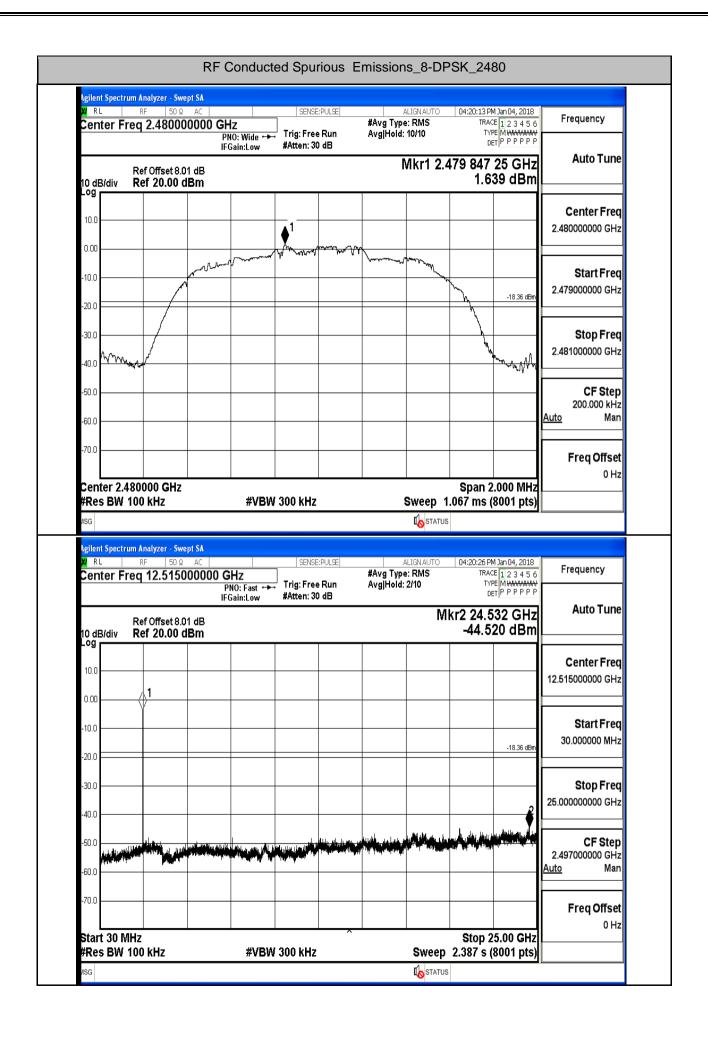






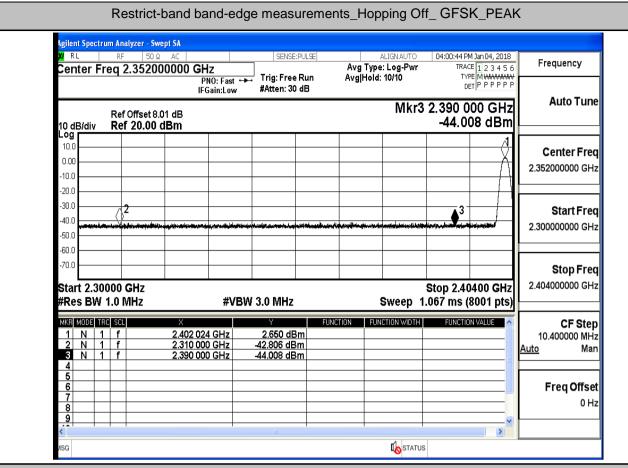


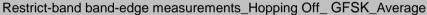


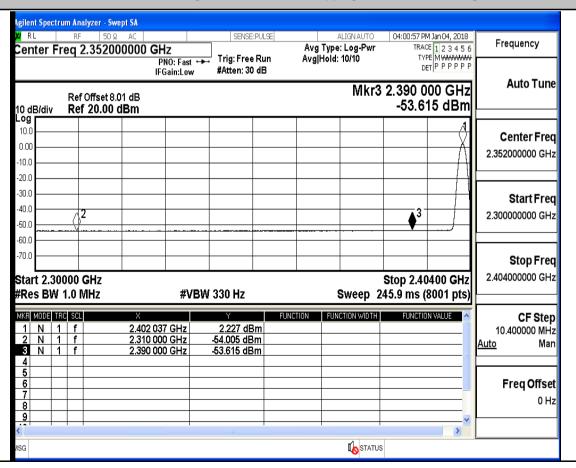


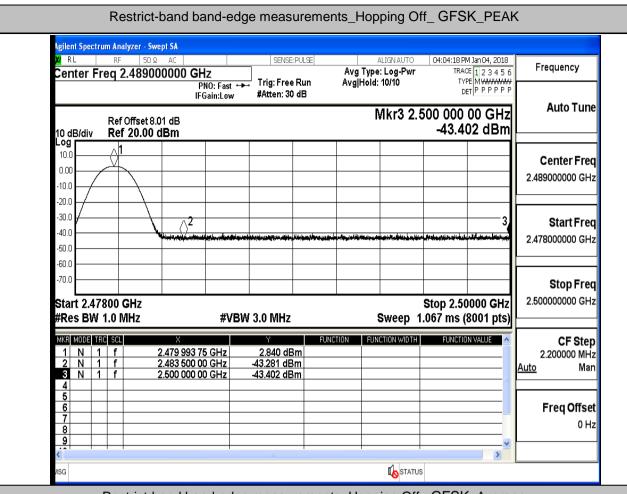
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-42.81	1.5	0	54.45	PEAK	74	PASS
	Off	2310.0	-54.01	1.5	0	43.25	AV	54	PASS
	Off	2390.0	-44.01	1.5	0	53.25	PEAK	74	PASS
	Off	2390.0	-53.62	1.5	0	43.64	AV	54	PASS
	Off	2483.5	-43.28	1.5	0	53.98	PEAK	74	PASS
	Off	2483.5	-53.38	1.5	0	43.88	AV	54	PASS
	Off	2500.0	-43.40	1.5	0	53.86	PEAK	74	PASS
	Off	2500.0	-53.30	1.5	0	43.96	AV	54	PASS
π/4- DQPSK	Off	2310.0	-43.64	1.5	0	53.62	PEAK	74	PASS
	Off	2310.0	-53.91	1.5	0	43.35	AV	54	PASS
	Off	2390.0	-42.80	1.5	0	54.46	PEAK	74	PASS
	Off	2390.0	-53.62	1.5	0	43.64	AV	54	PASS
	Off	2483.5	-43.73	1.5	0	53.52	PEAK	74	PASS
	Off	2483.5	-53.32	1.5	0	43.94	AV	54	PASS
	Off	2500.0	-41.11	1.5	0	56.14	PEAK	74	PASS
	Off	2500.0	-53.36	1.5	0	43.90	AV	54	PASS
8-DPSK	Off	2310.0	-44.29	1.5	0	52.97	PEAK	74	PASS
	Off	2310.0	-53.54	1.5	0	43.72	AV	54	PASS
	Off	2390.0	-43.98	1.5	0	53.28	PEAK	74	PASS
	Off	2390.0	-53.57	1.5	0	43.69	AV	54	PASS
	Off	2483.5	-43.56	1.5	0	53.70	PEAK	74	PASS
	Off	2483.5	-53.29	1.5	0	43.97	AV	54	PASS
	Off	2500.0	-42.14	1.5	0	55.11	PEAK	74	PASS
	Off	2500.0	-53.29	1.5	0	43.97	AV	54	PASS

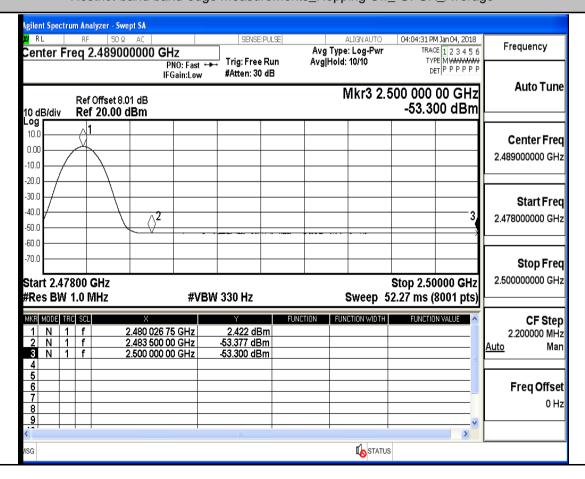


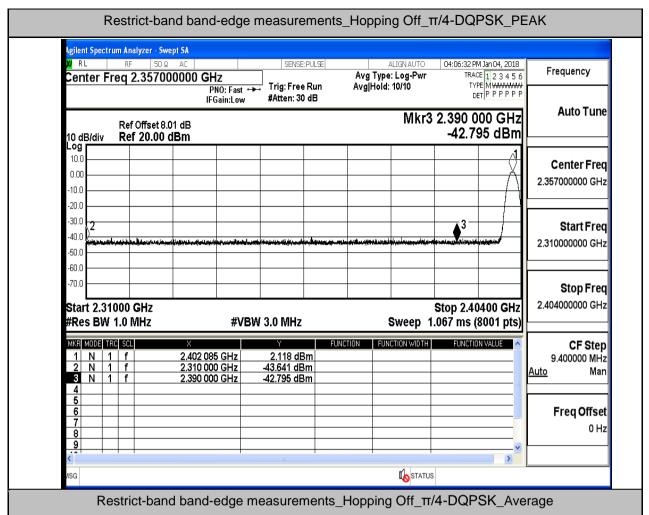


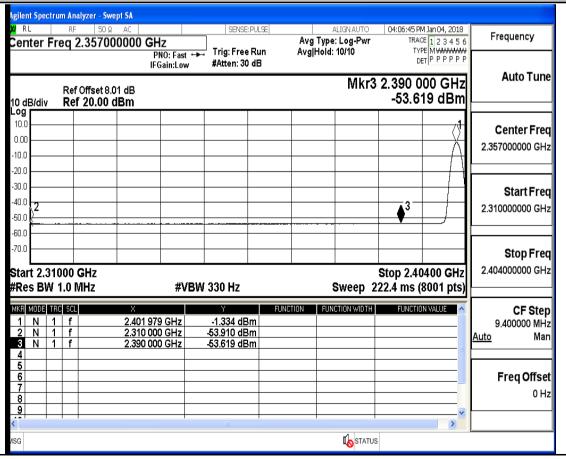


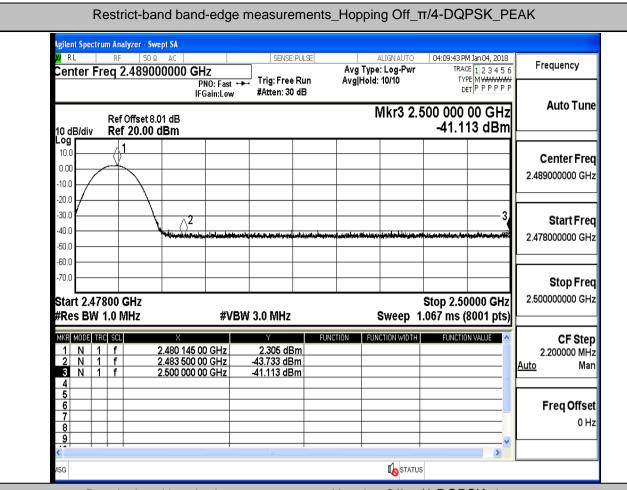


Restrict-band band-edge measurements_Hopping Off_ GFSK_Average

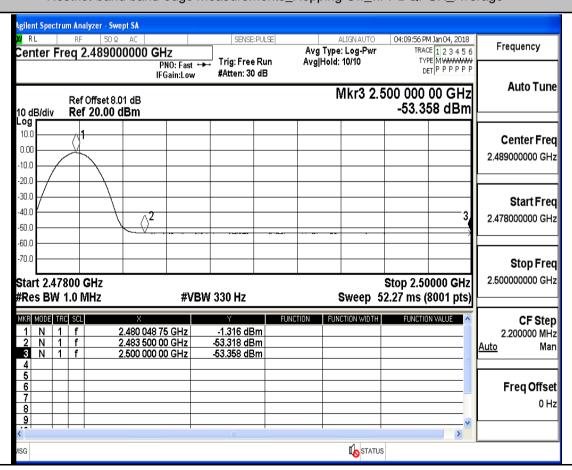


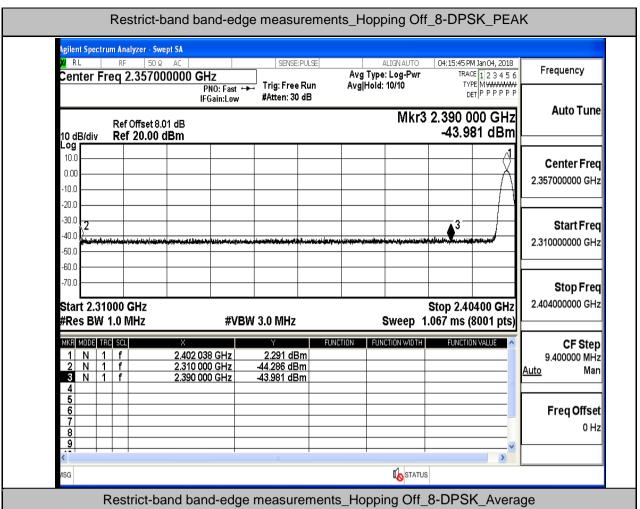


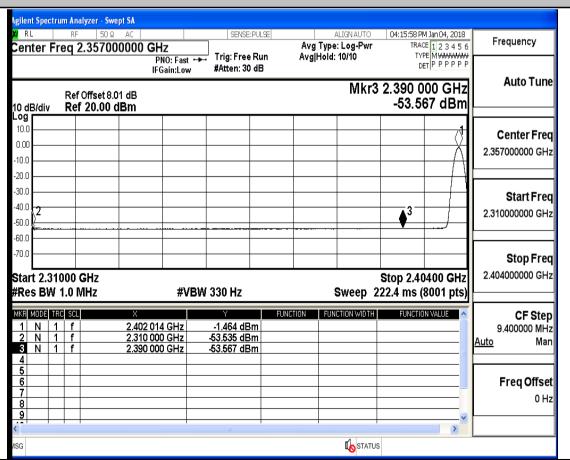


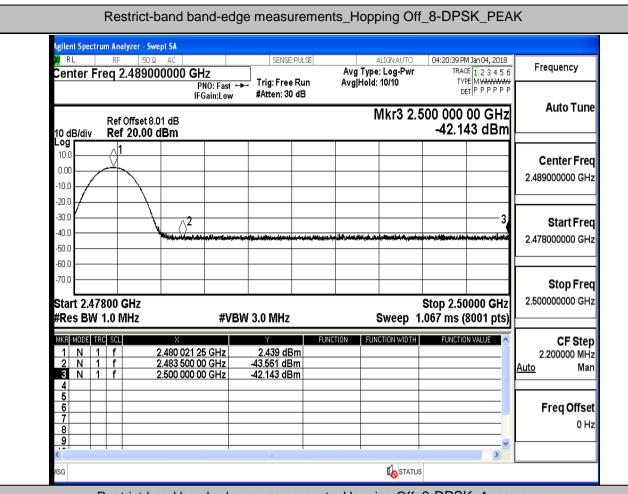


Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average









Restrict-band band-edge measurements_Hopping Off_8-DPSK_Average

