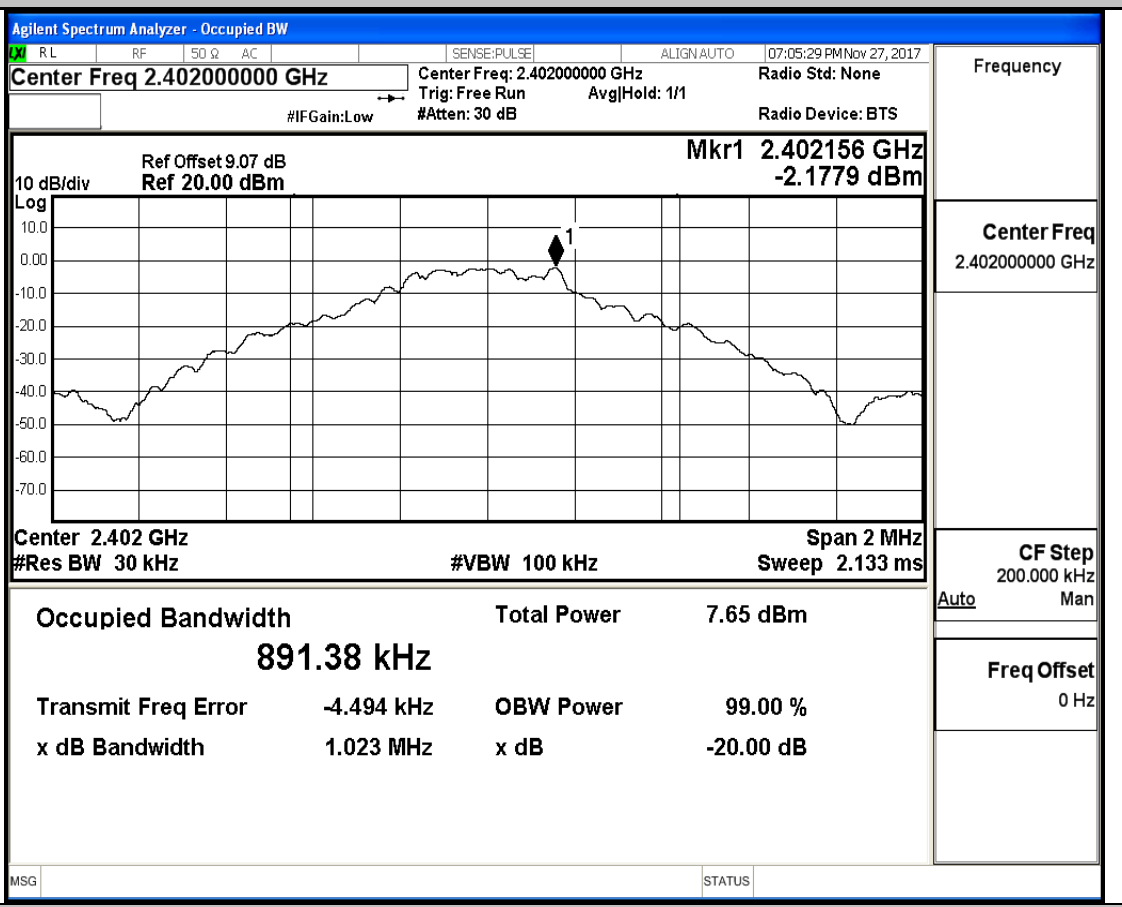
Appendix A
RF Test Data for BT V4.0(BDR/EDR) (Conducted Measurement)

Product Name: Tablet with 3G
Trade Mark: SKY DEVICES, HENA
Test Model: PLATINUM VIEW
FCC ID: 2ABOSPLATVIEW

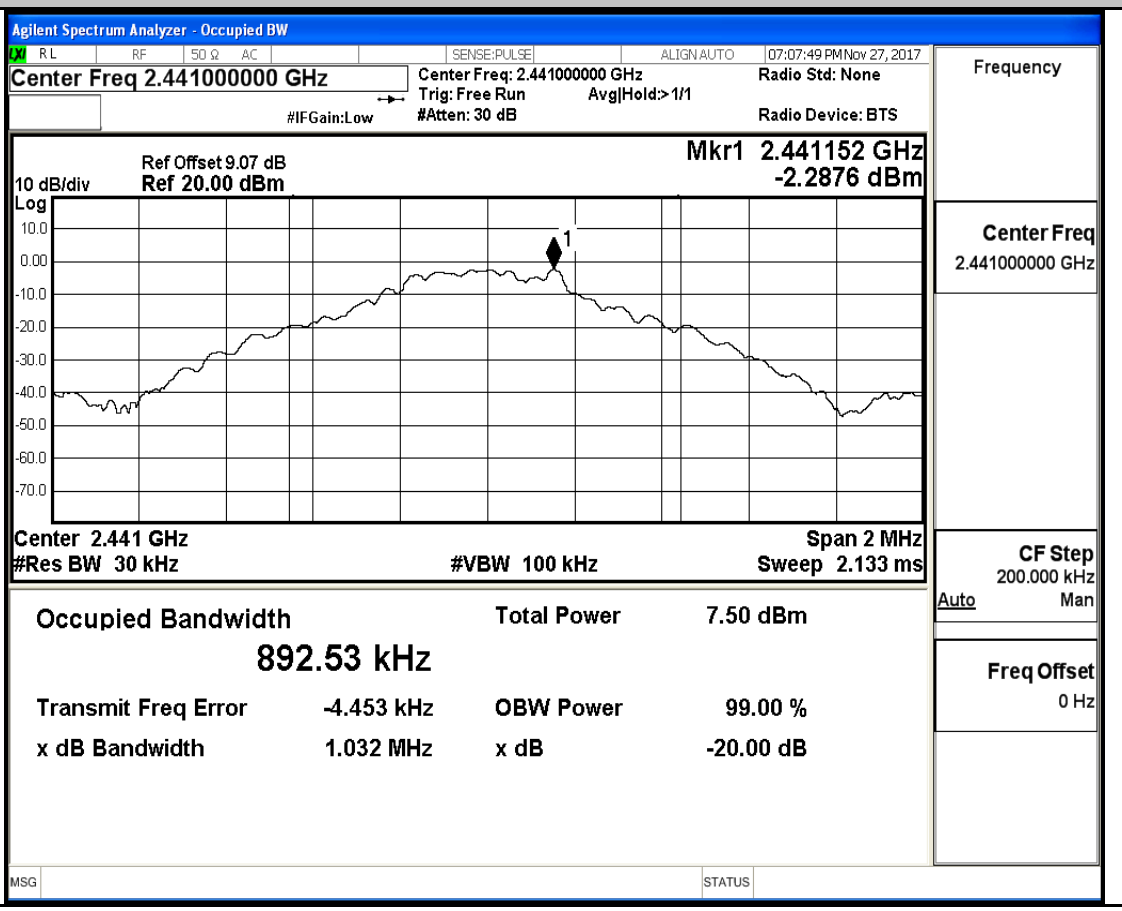
A.1 20 dB Bandwidth

Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
GFSK	2402	1.023	---	PASS
	2441	1.032	---	PASS
	2480	0.9714	---	PASS
π/4-DQPSK	2402	1.288	---	PASS
	2441	1.291	---	PASS
	2480	1.290	---	PASS
8-DPSK	2402	1.286	---	PASS
	2441	1.294	---	PASS
	2480	1.289	---	PASS

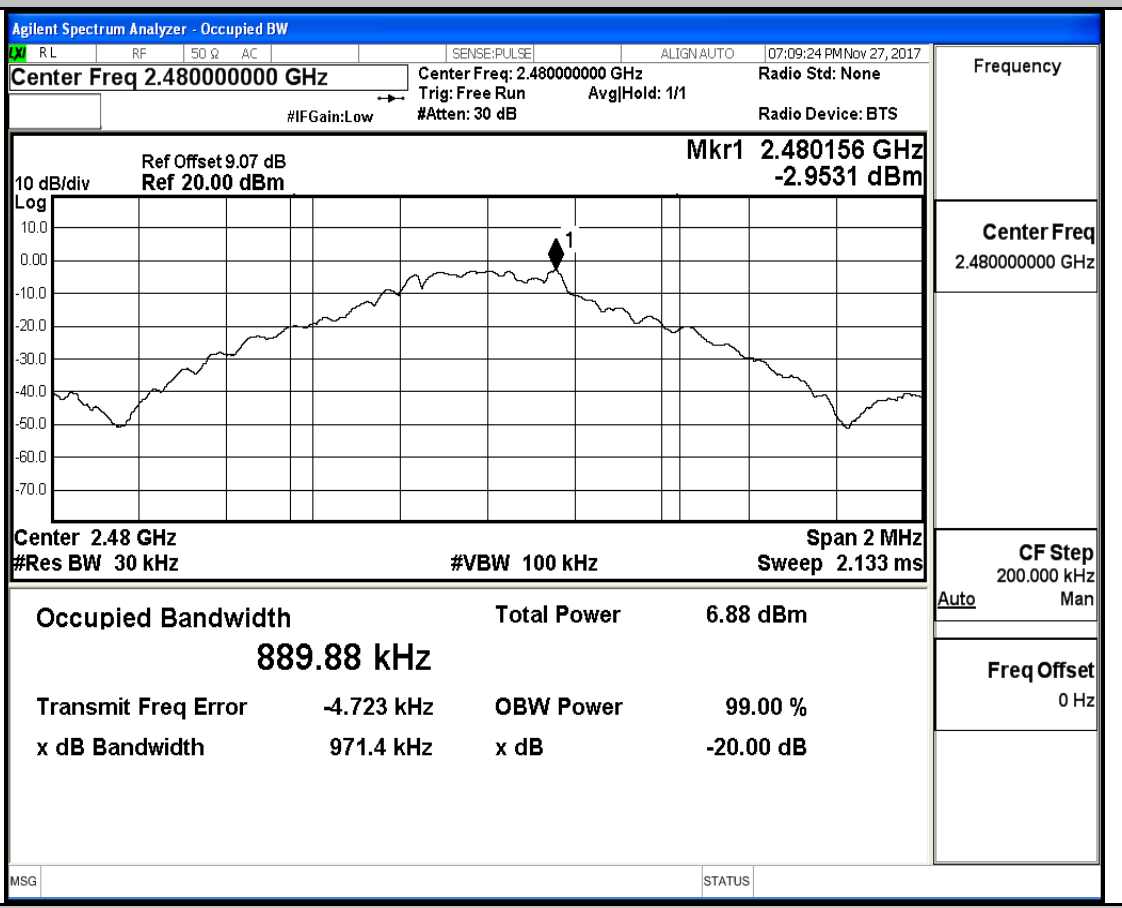
20 dB Bandwidth_GFSK_2402



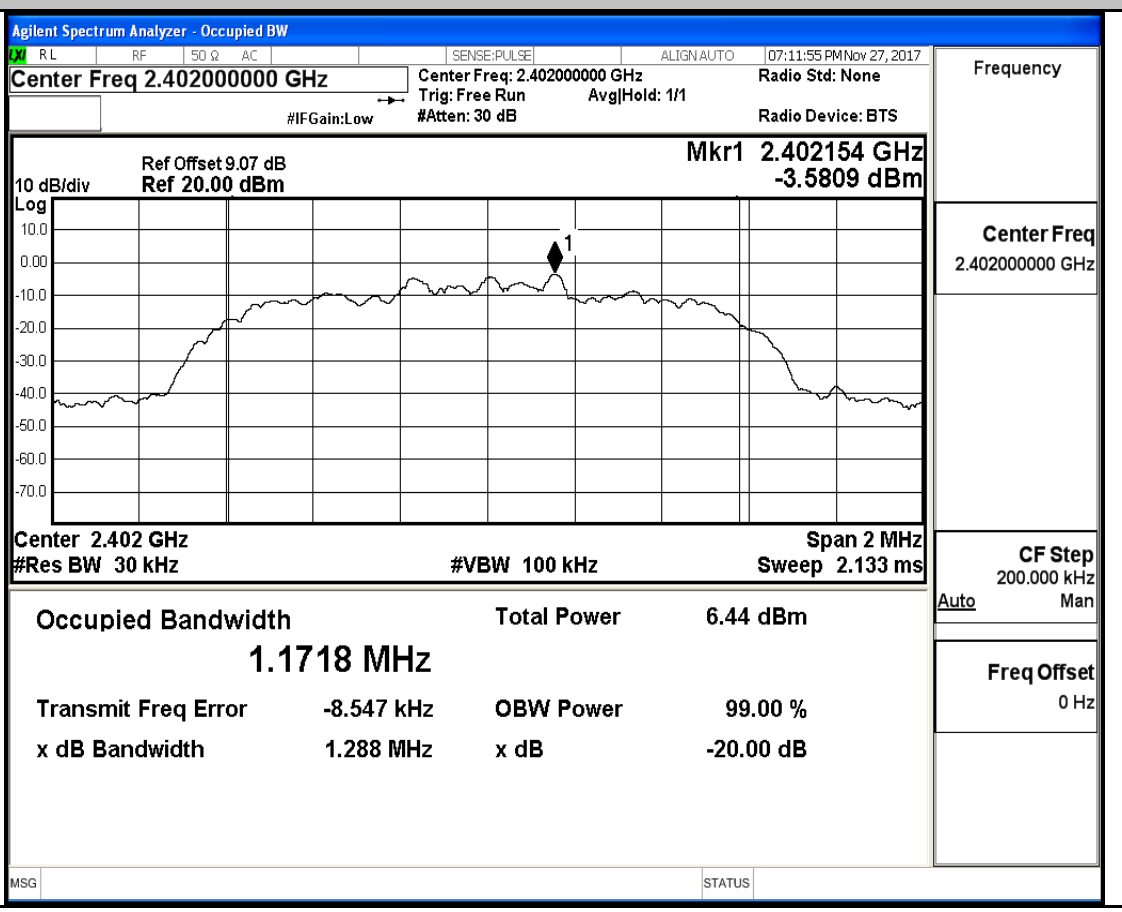
20 dB Bandwidth_GFSK_2441



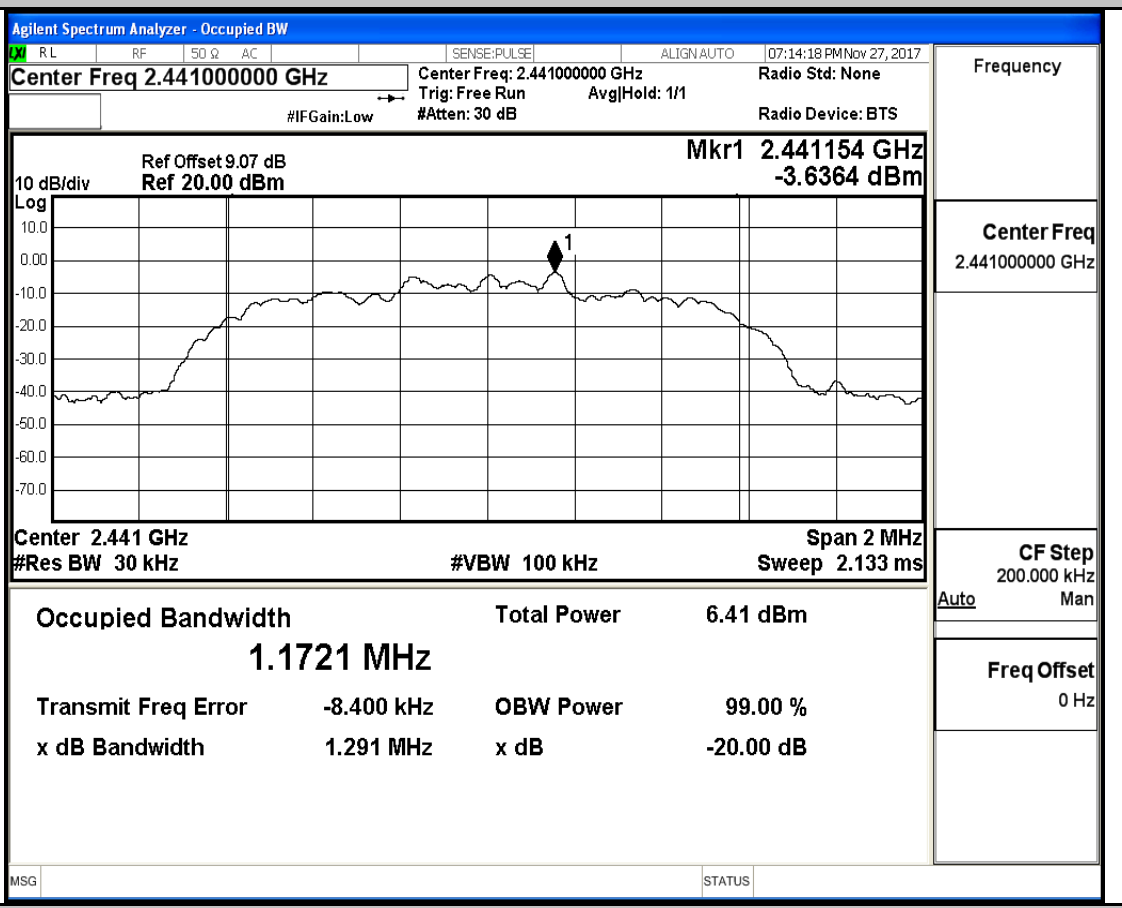
20 dB Bandwidth_GFSK_2480



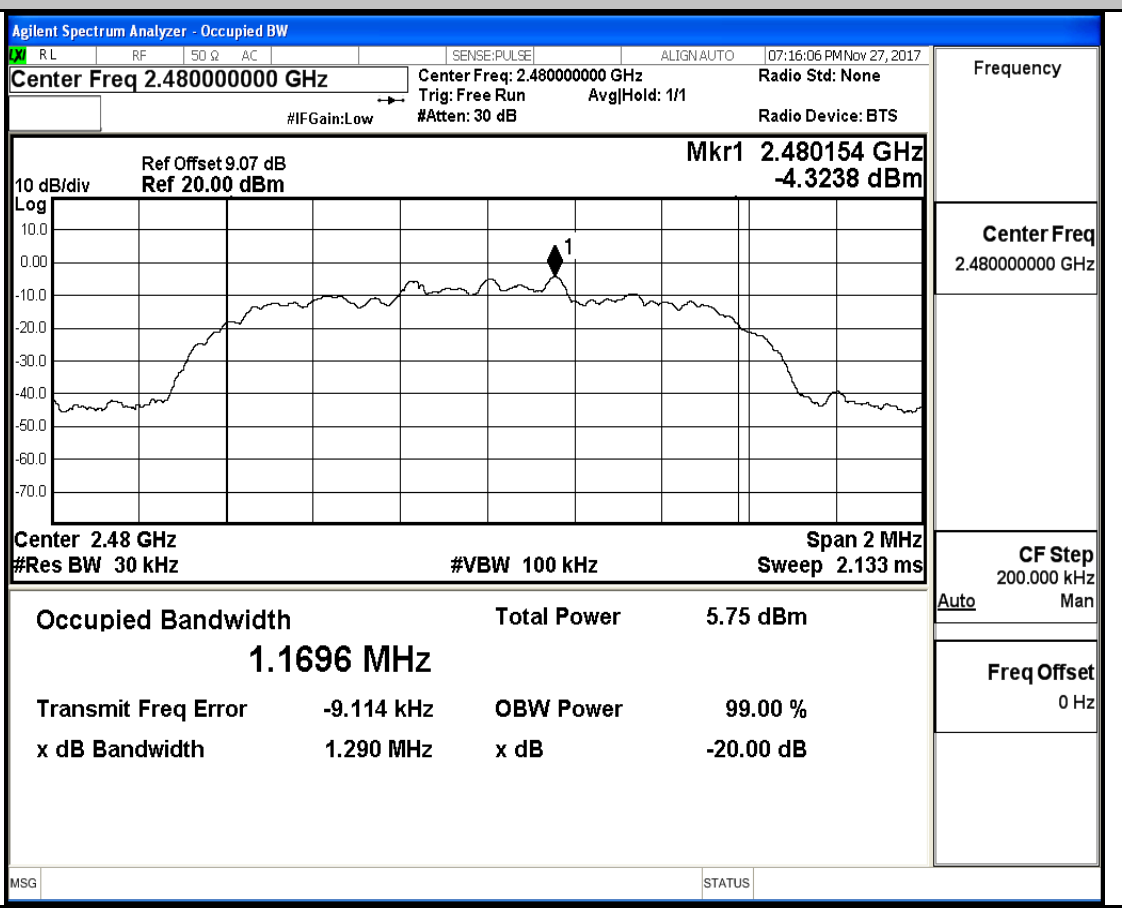
20 dB Bandwidth_π/4-DQPSK_2402



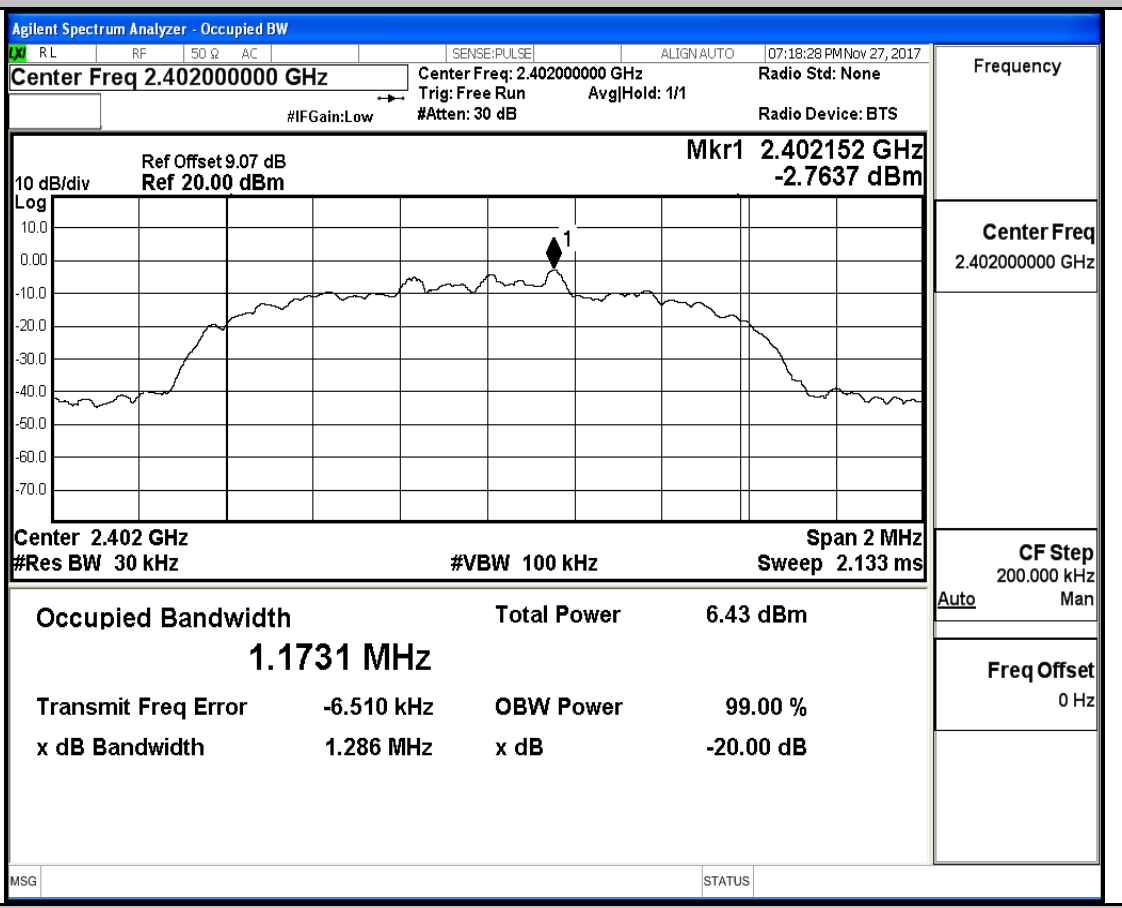
20 dB Bandwidth_π/4-DQPSK_2441



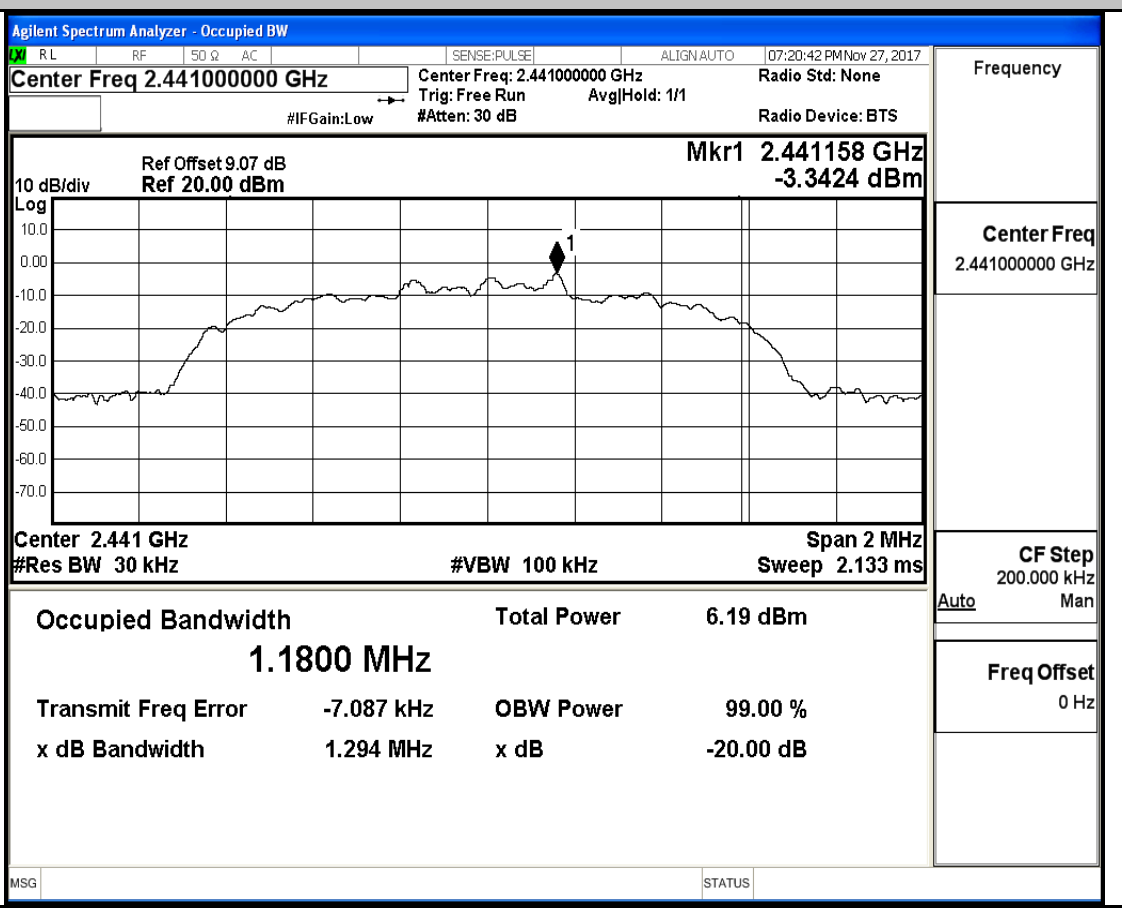
20 dB Bandwidth_π/4-DQPSK_2480



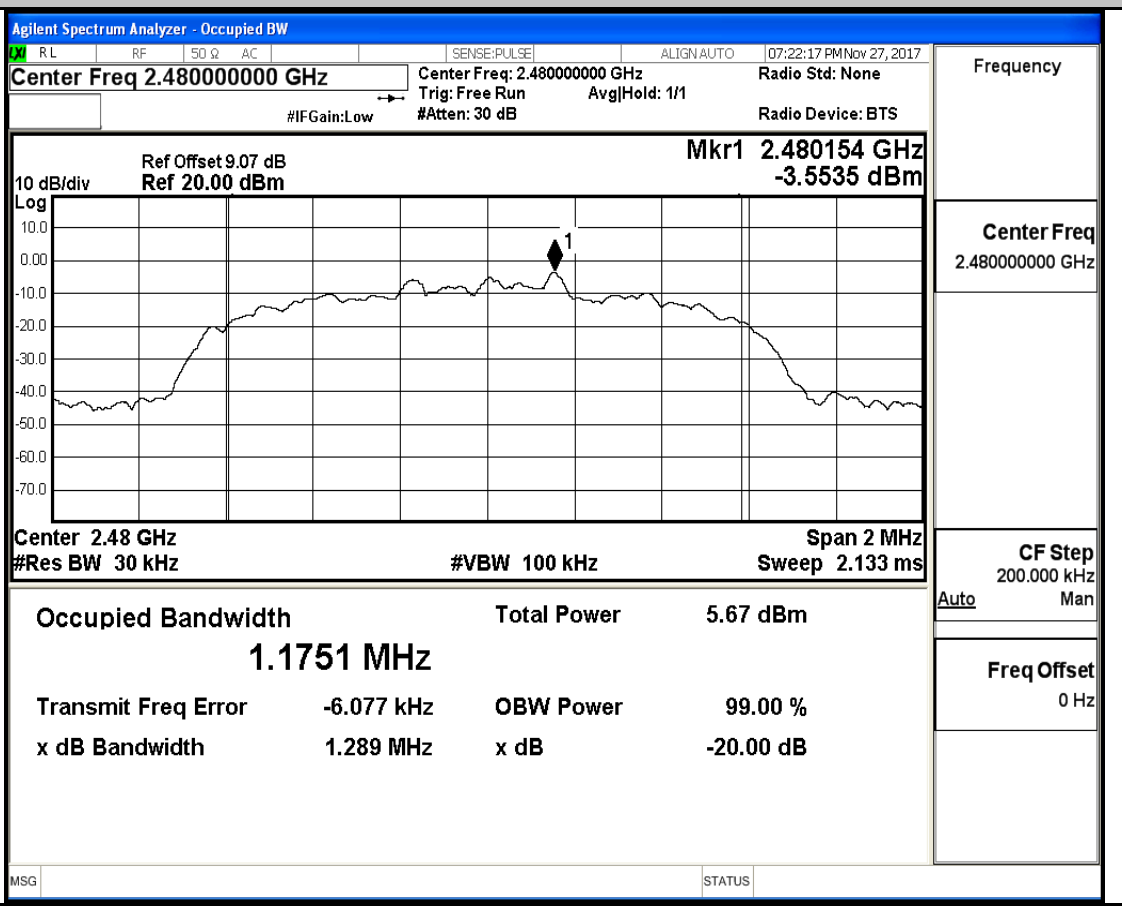
20 dB Bandwidth_8-DPSK_2402



20 dB Bandwidth_8-DPSK_2441



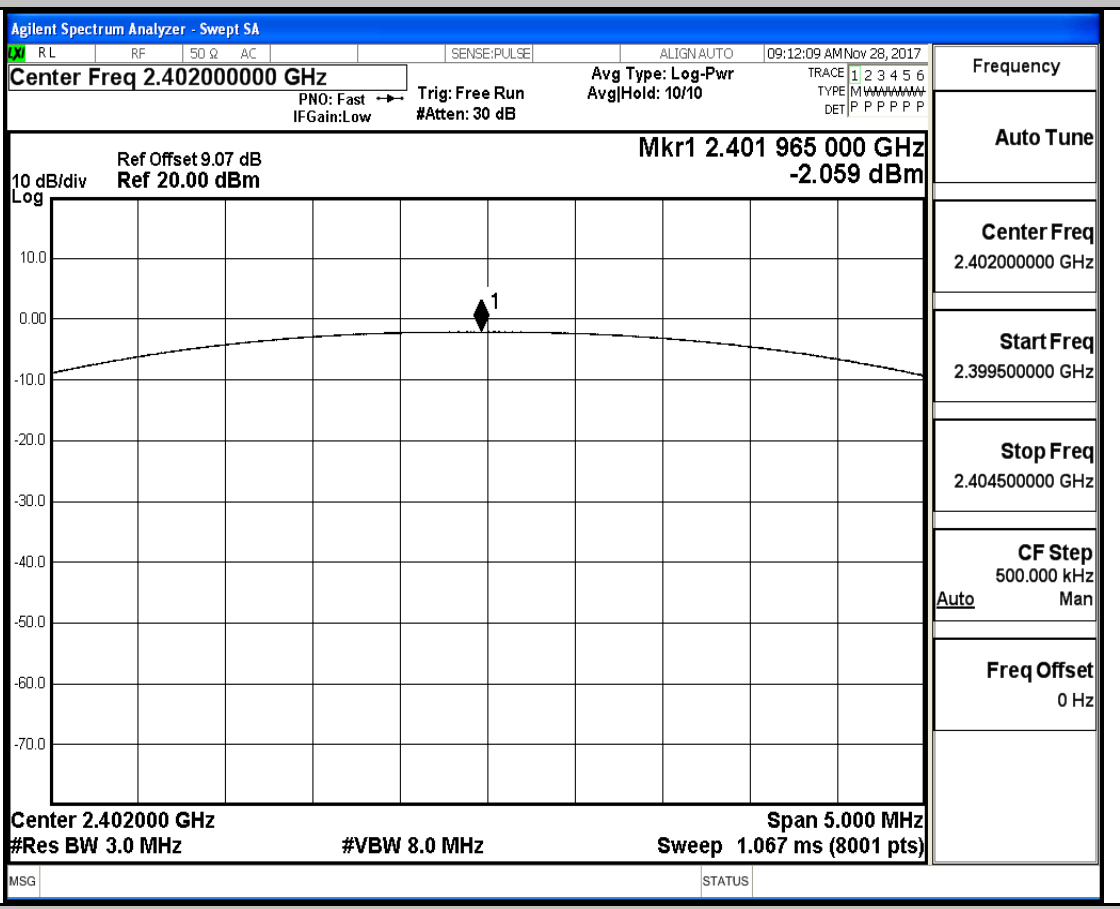
20 dB Bandwidth_8-DPSK_2480



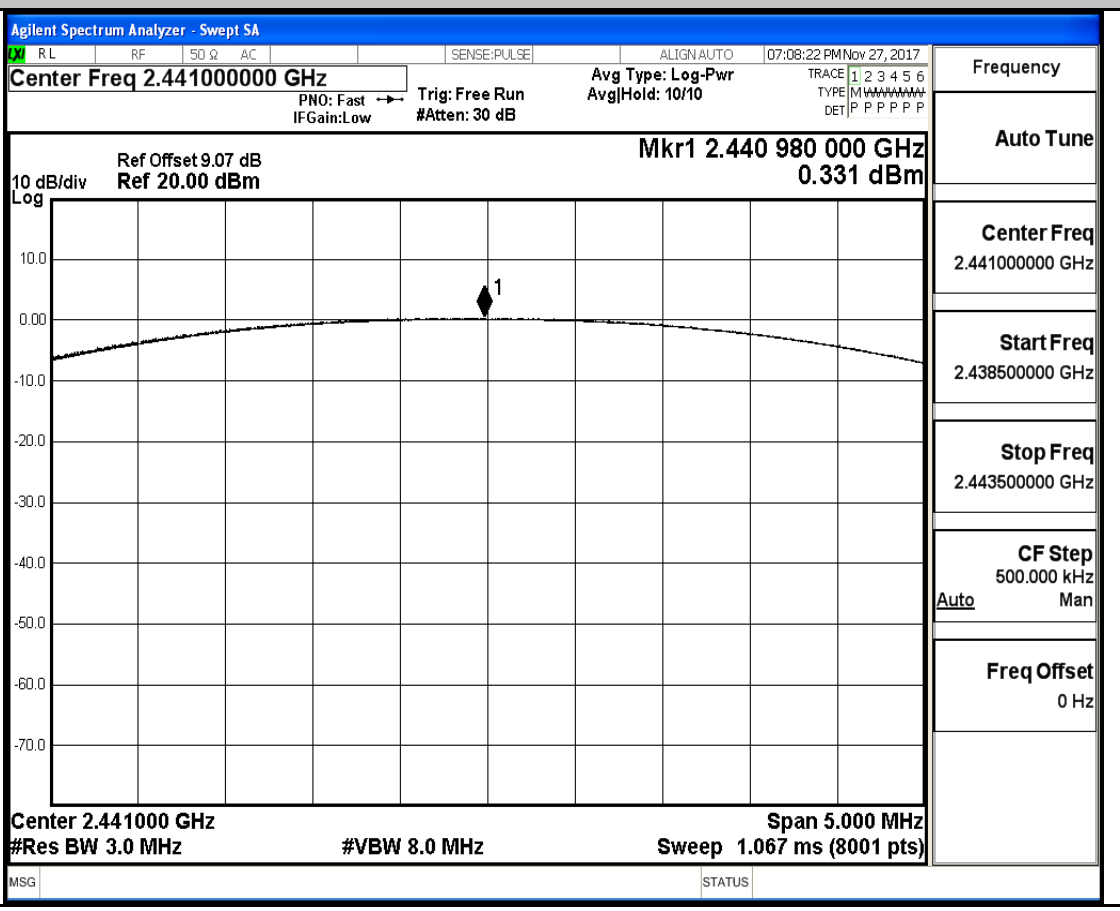
A.2 Conducted Peak Output Power

Test Mode	Test Channel	Peak Conducted Output Power (dBm)	Limit[dBm]	Verdict
GFSK	2402	-2.059	30	PASS
	2441	0.331	30	PASS
	2480	-0.418	30	PASS
π/4-DQPSK	2402	0.211	30	PASS
	2441	-0.024	30	PASS
	2480	-0.586	30	PASS
8-DPSK	2402	0.317	30	PASS
	2441	0.129	30	PASS
	2480	-0.453	30	PASS

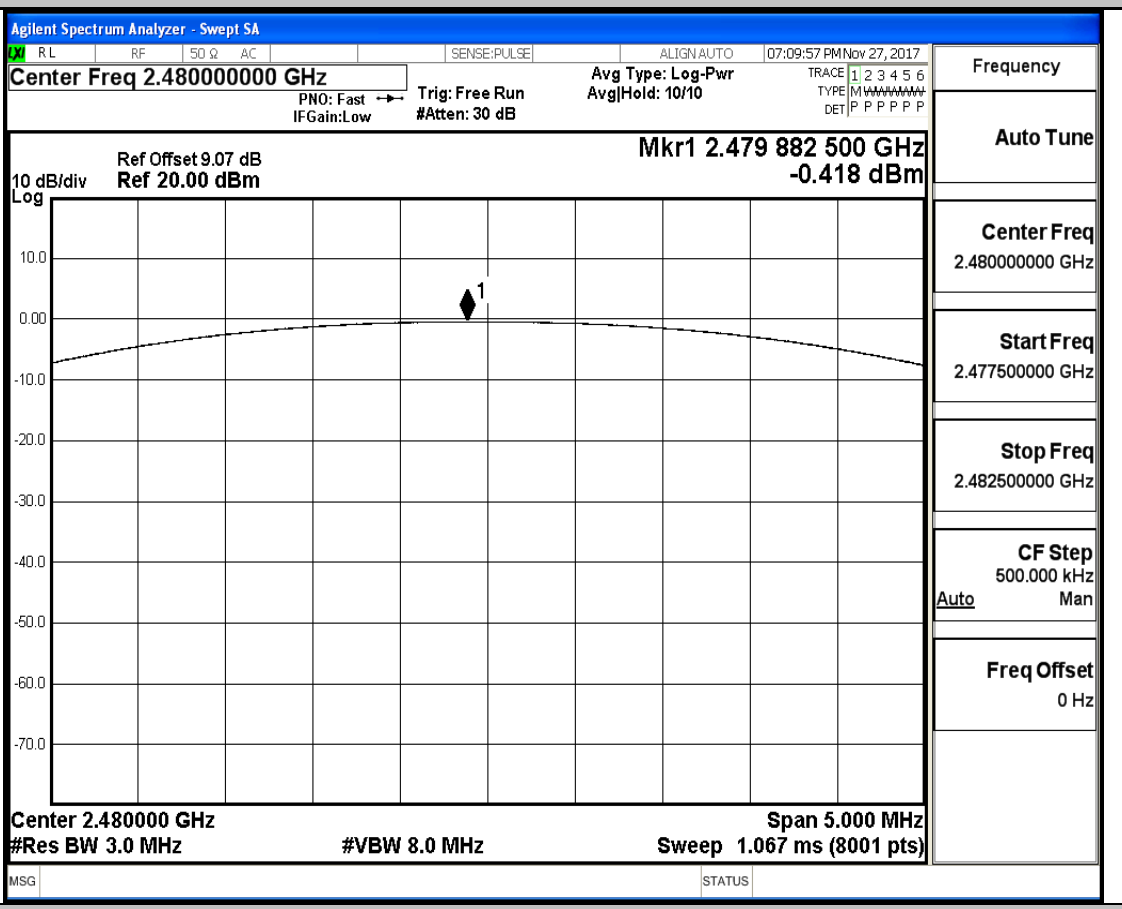
Conducted Peak Output Power_GFSK_2402



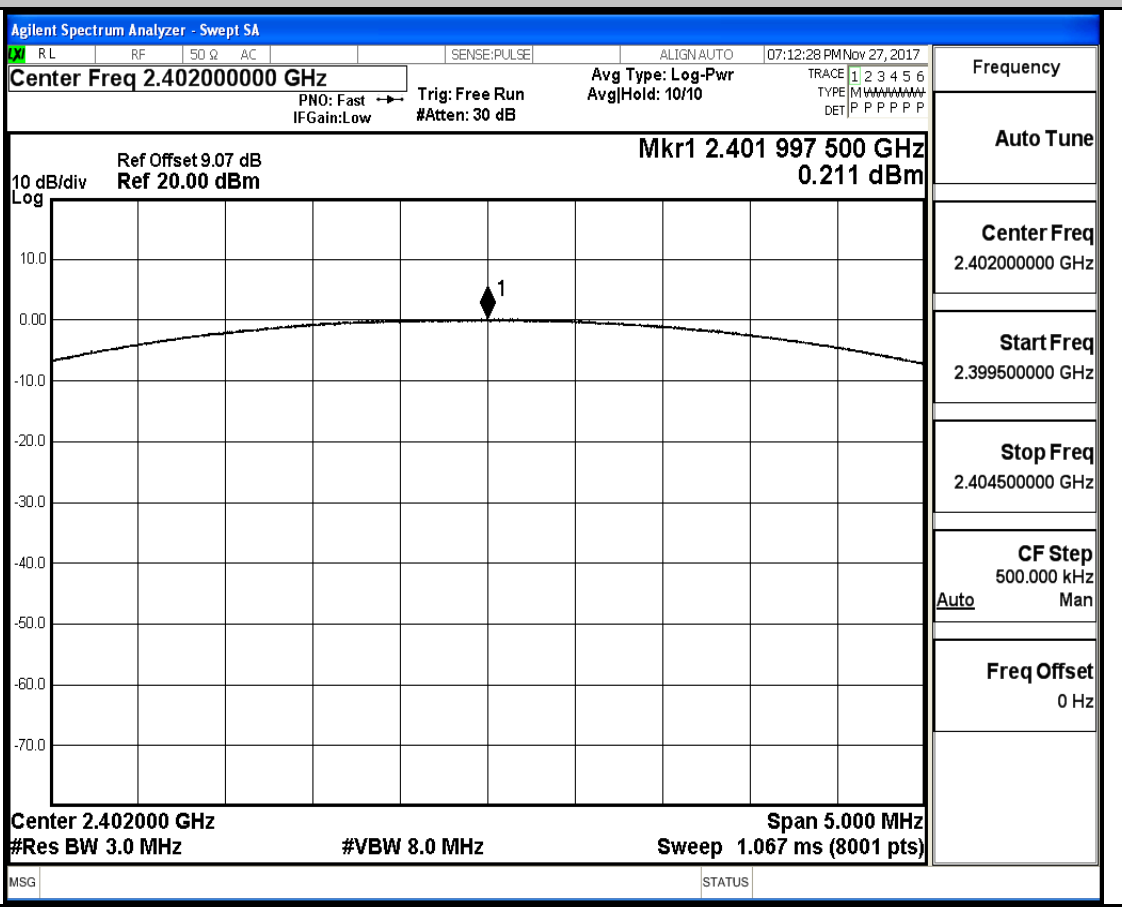
Conducted Peak Output Power_GFSK_2441



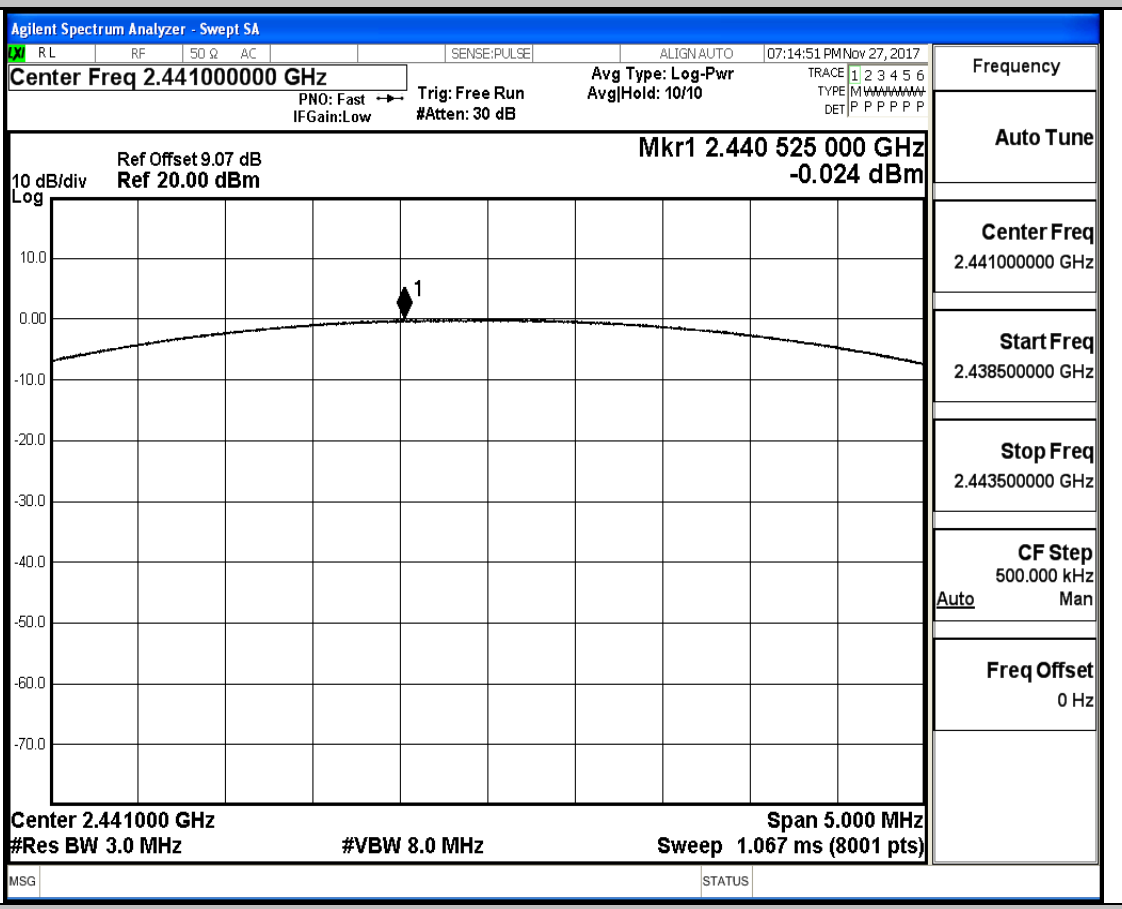
Conducted Peak Output Power_GFSK_2480



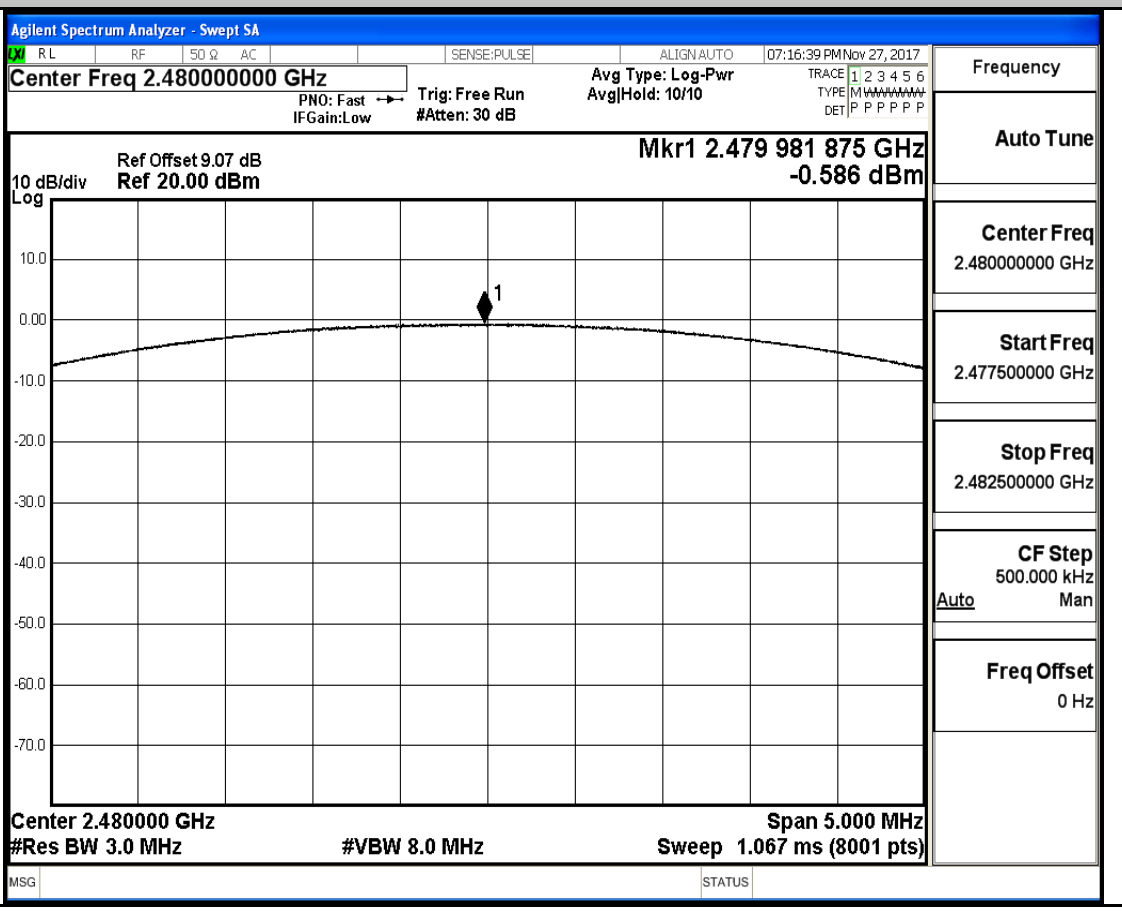
Conducted Peak Output Power_π/4-DQPSK_2402



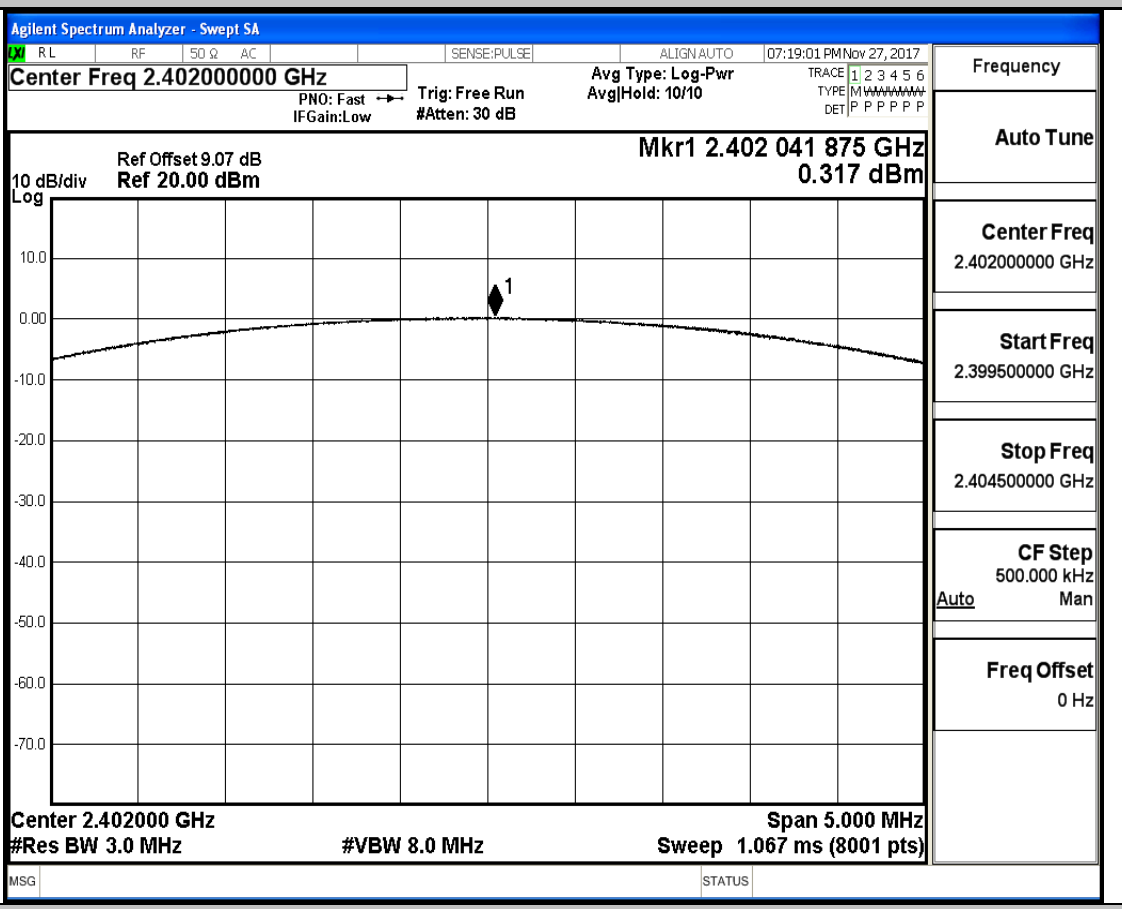
Conducted Peak Output Power_π/4-DQPSK_2441



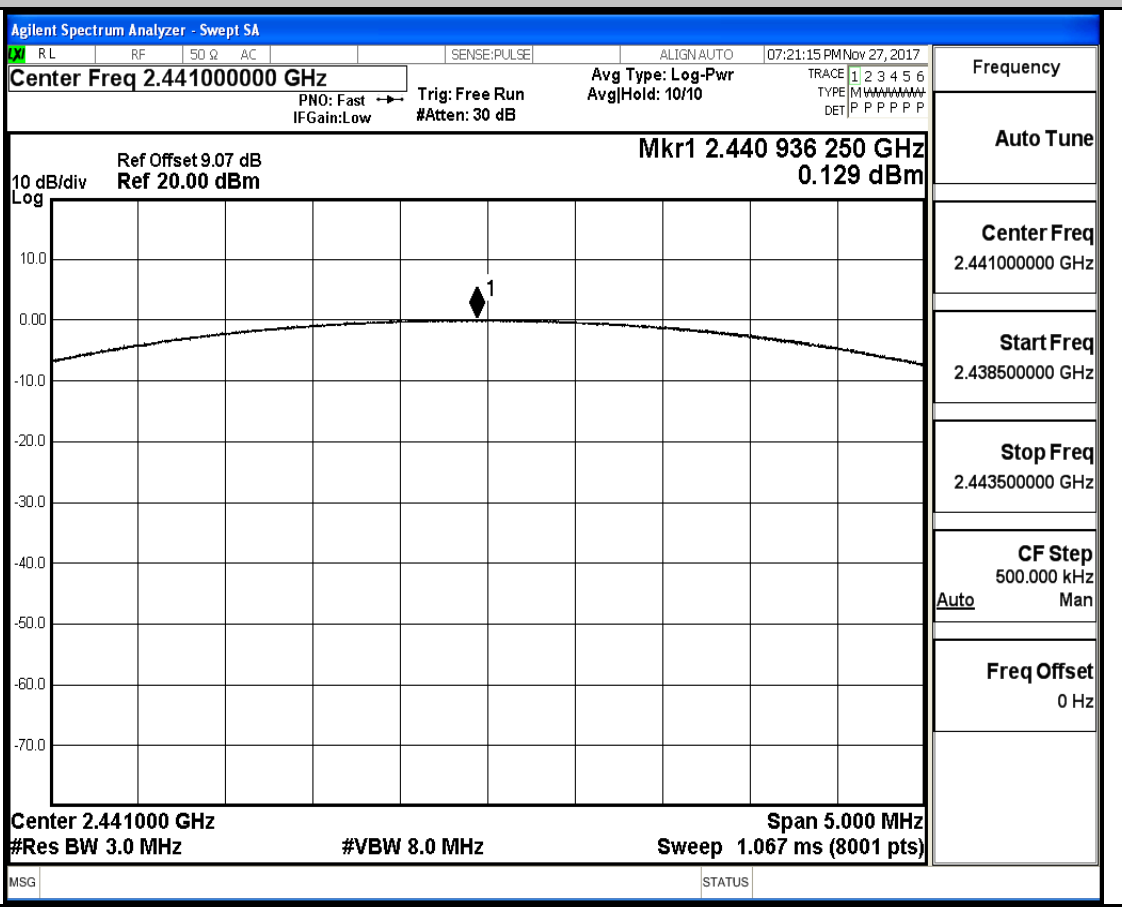
Conducted Peak Output Power_π/4-DQPSK_2480



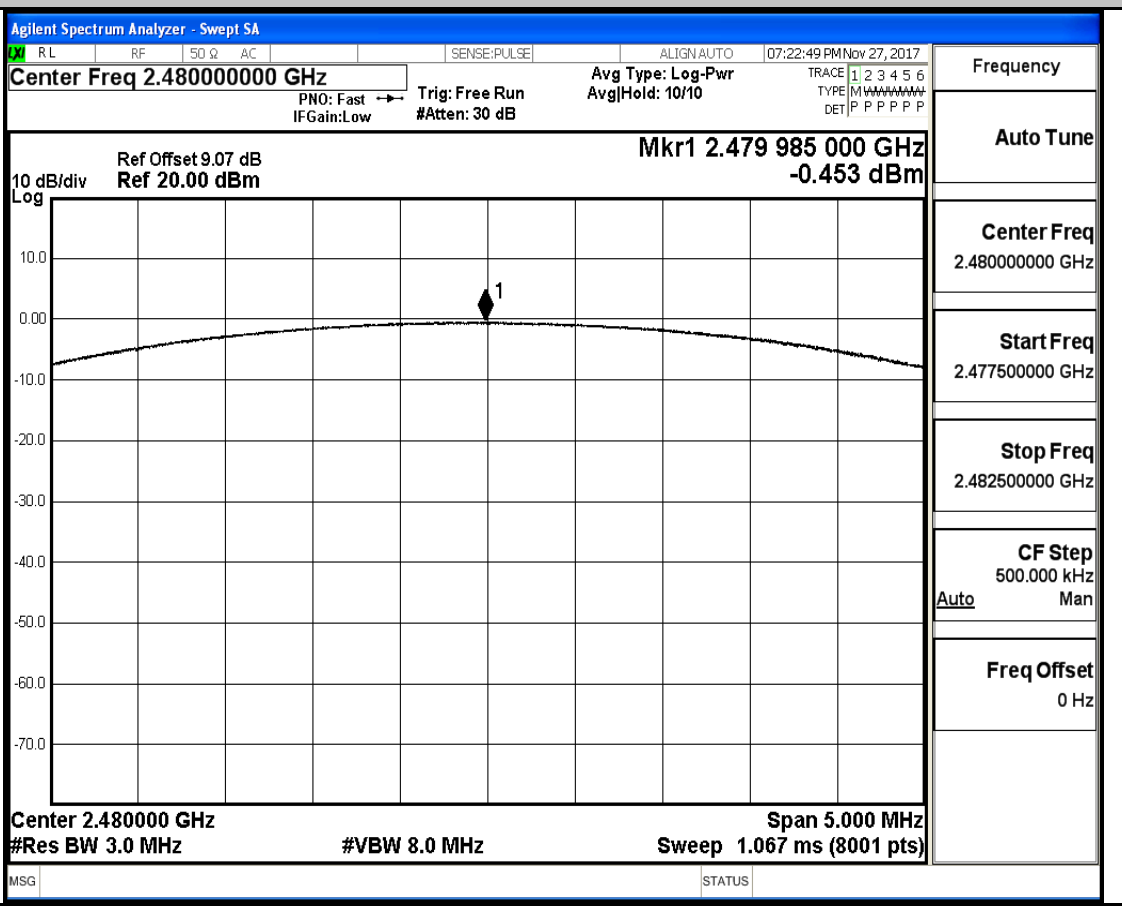
Conducted Peak Output Power_8-DPSK_2402



Conducted Peak Output Power_8-DPSK_2441



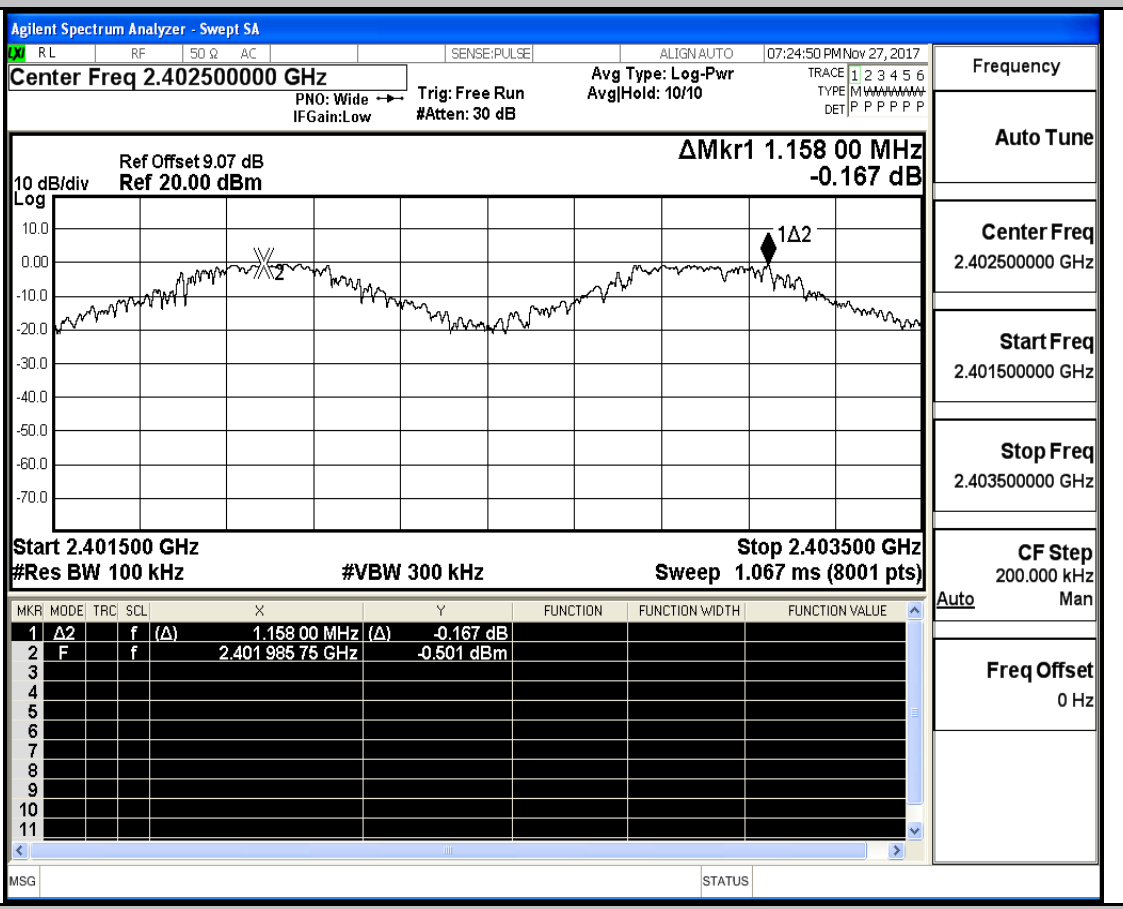
Conducted Peak Output Power_8-DPSK_2480



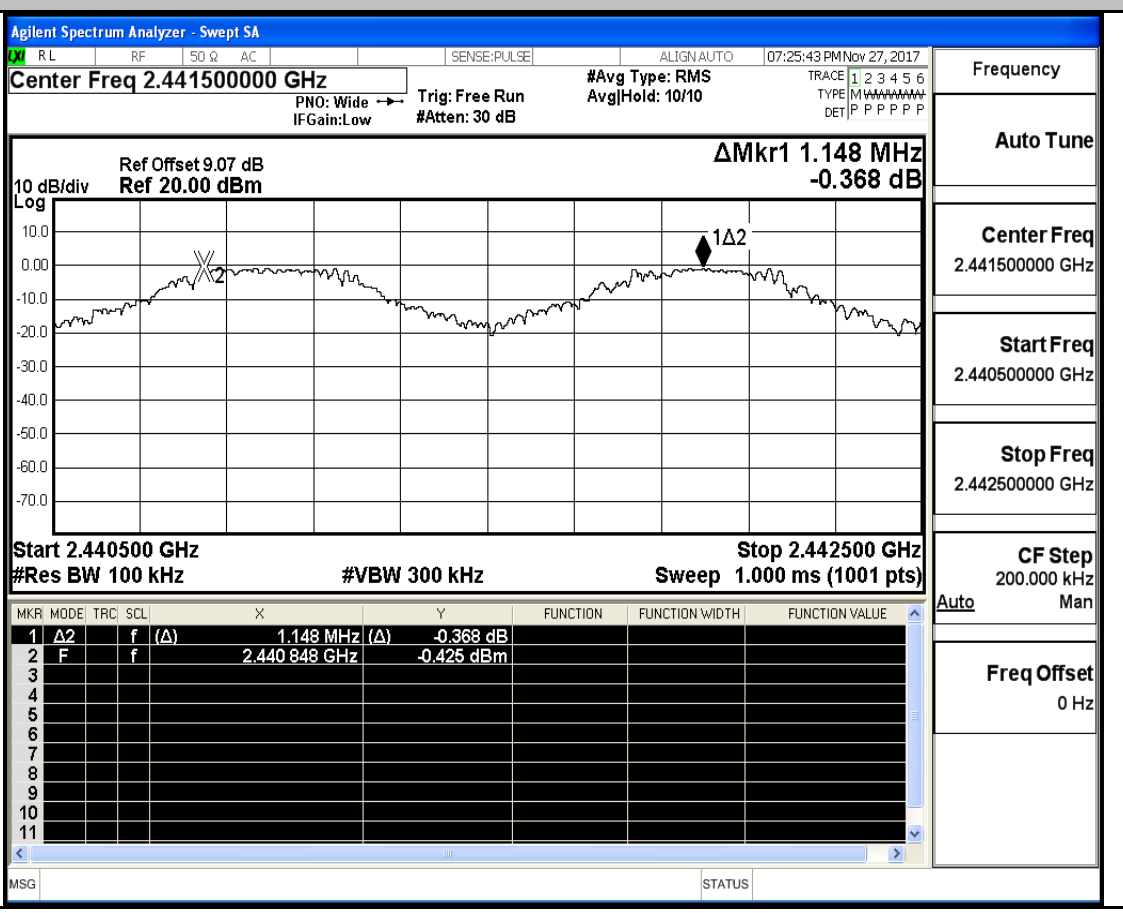
A.3 Carrier Frequency Separation

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
GFSK	2402	1.158	0.68	PASS
	2441	1.148	0.69	PASS
	2480	1.028	0.65	PASS
π/4-DQPSK	2402	0.958	0.86	PASS
	2441	1.092	0.86	PASS
	2480	1.314	0.86	PASS
8-DPSK	2402	1.29	0.86	PASS
	2441	1.212	0.86	PASS
	2480	0.86	0.86	PASS

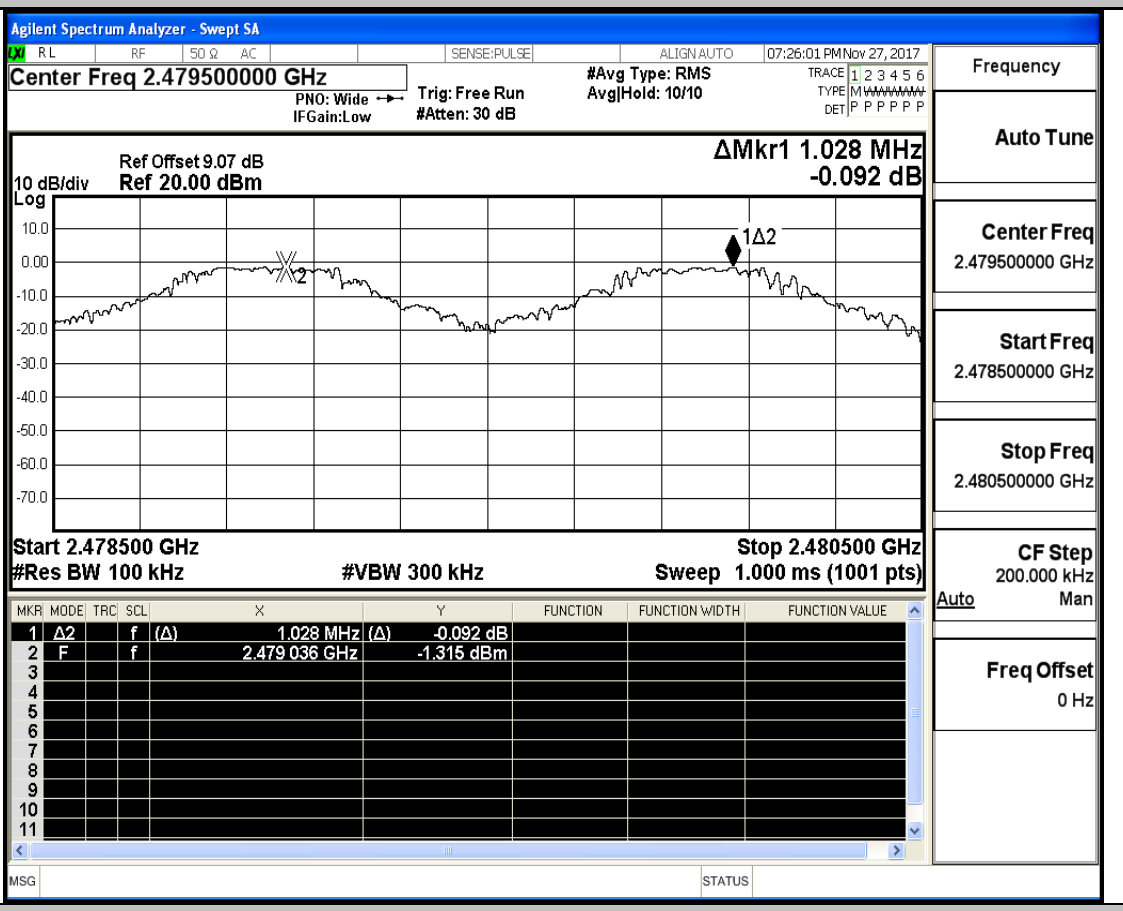
Carrier Frequency Separation_GFSK_2402



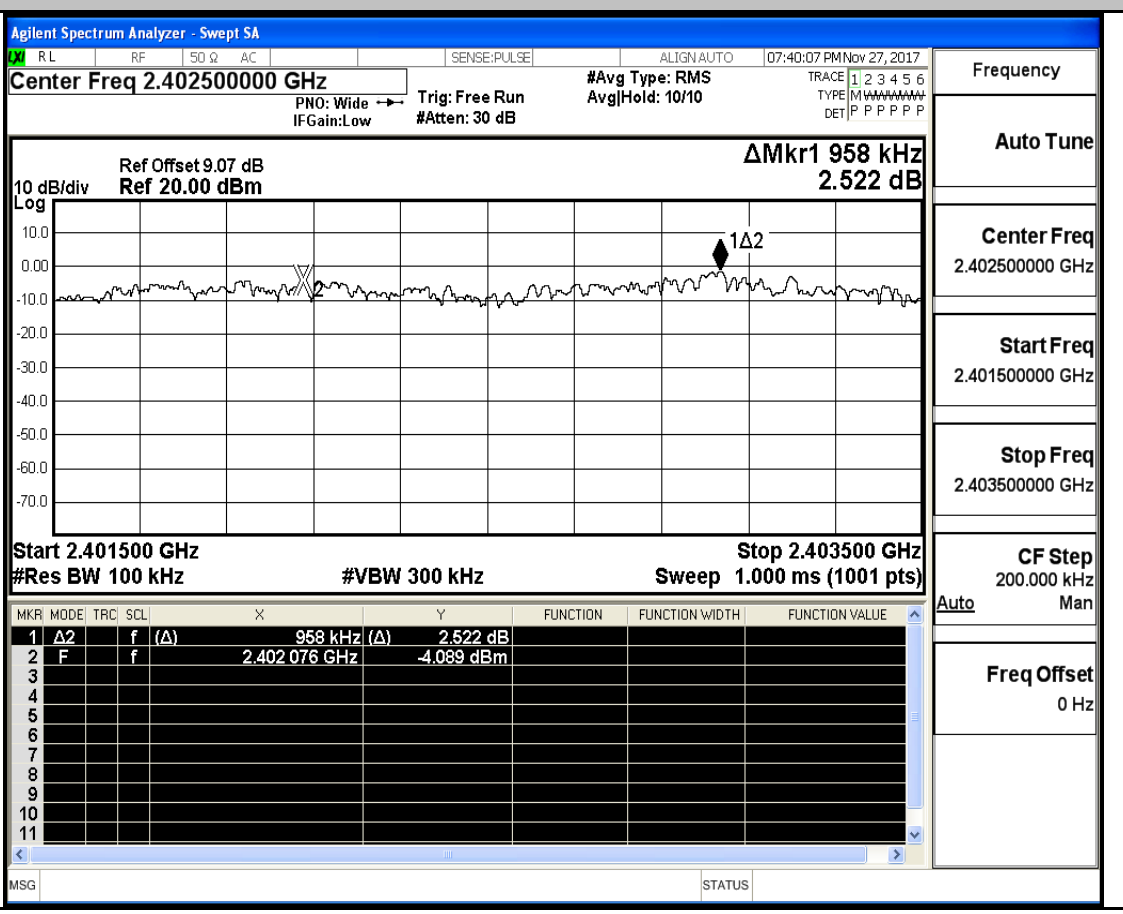
Carrier Frequency Separation_GFSK_2441



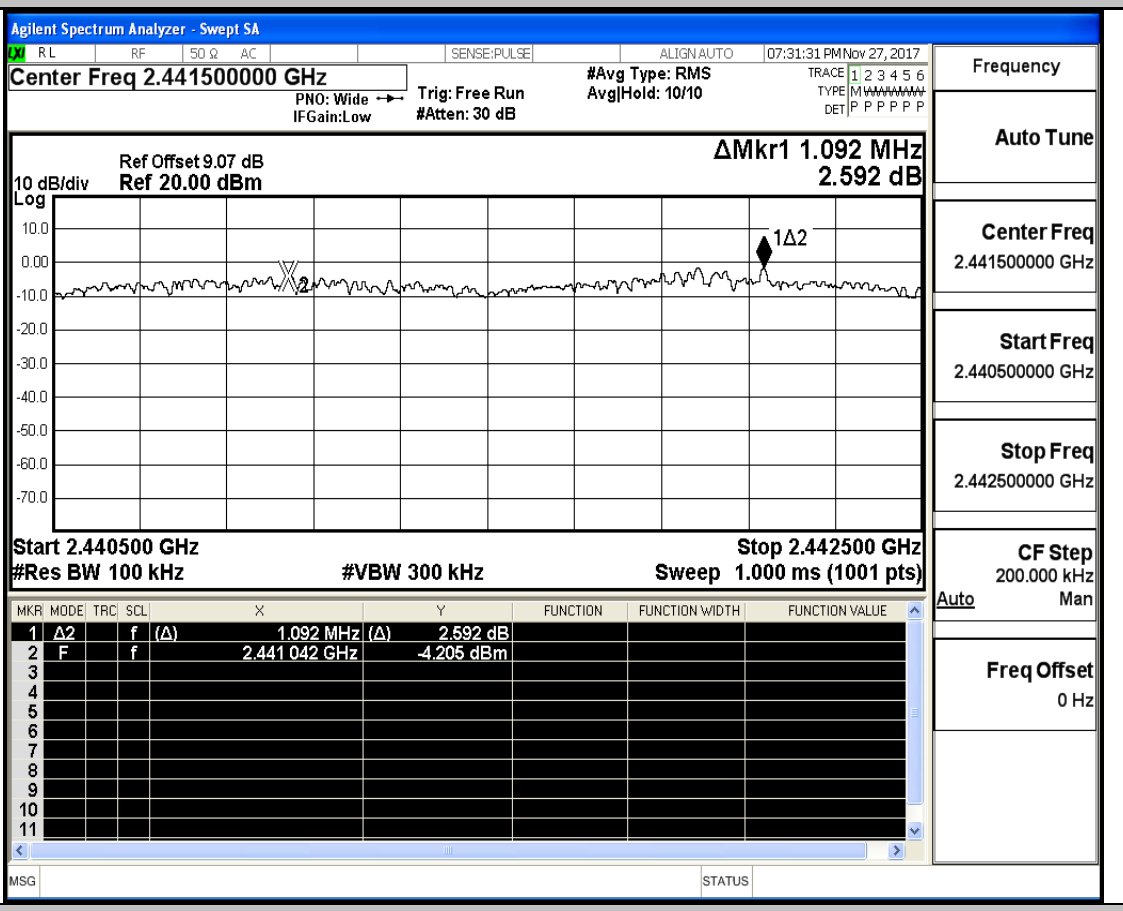
Carrier Frequency Separation_GFSK_2480



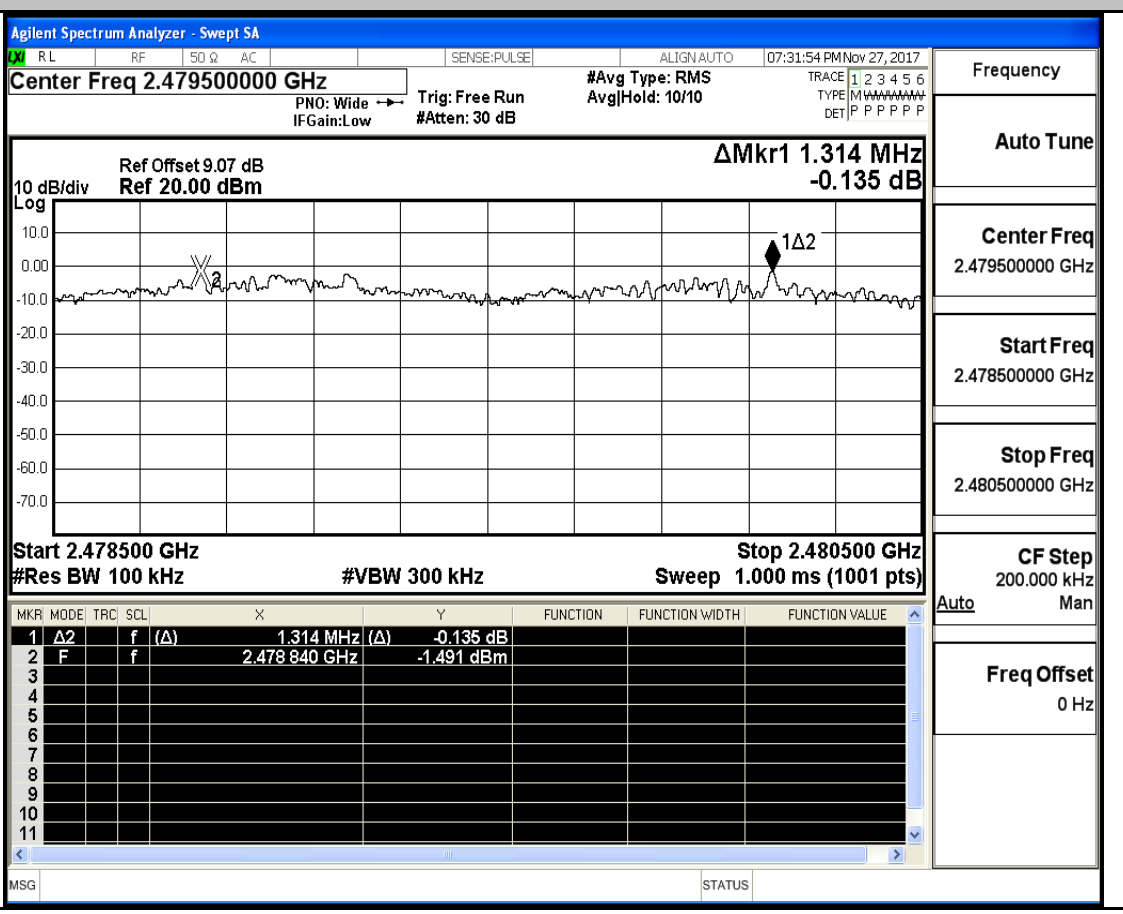
Carrier Frequency Separation_π/4-DQPSK_2402



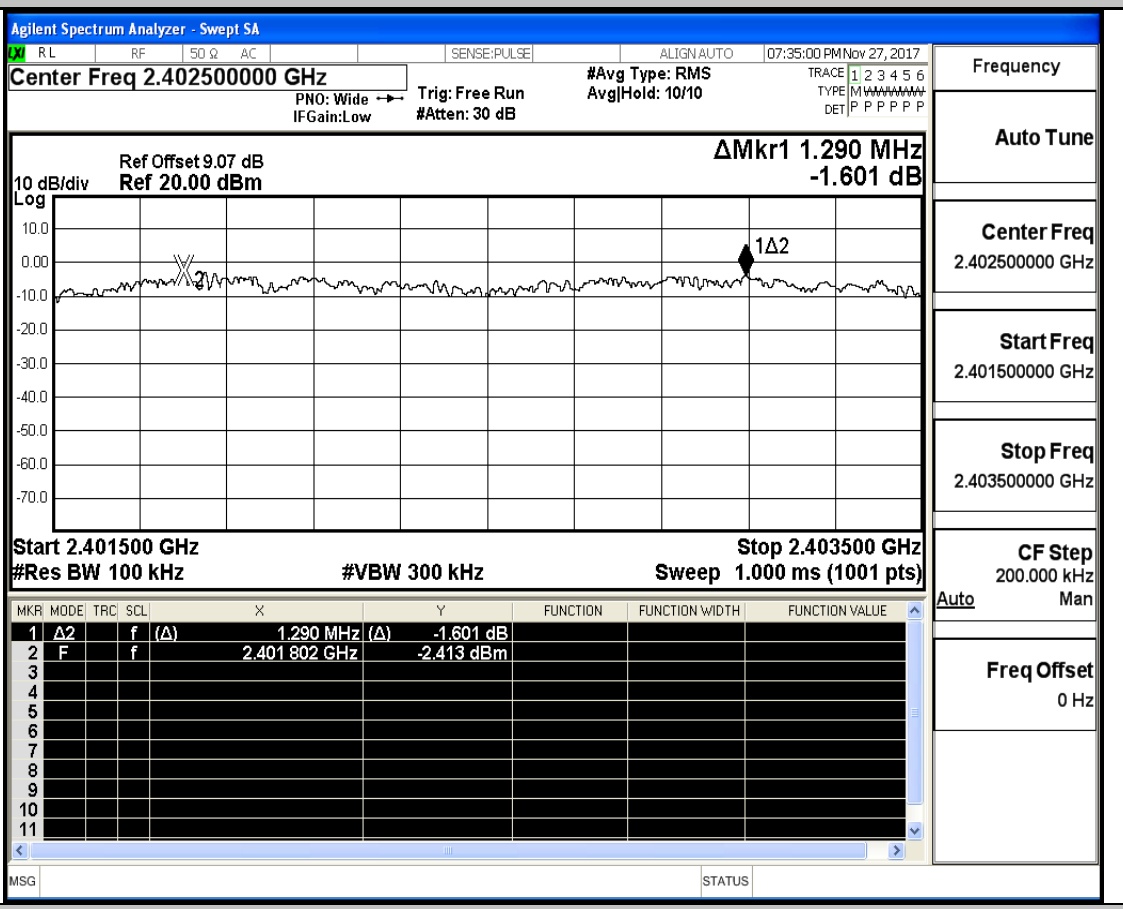
Carrier Frequency Separation_π/4-DQPSK_2441



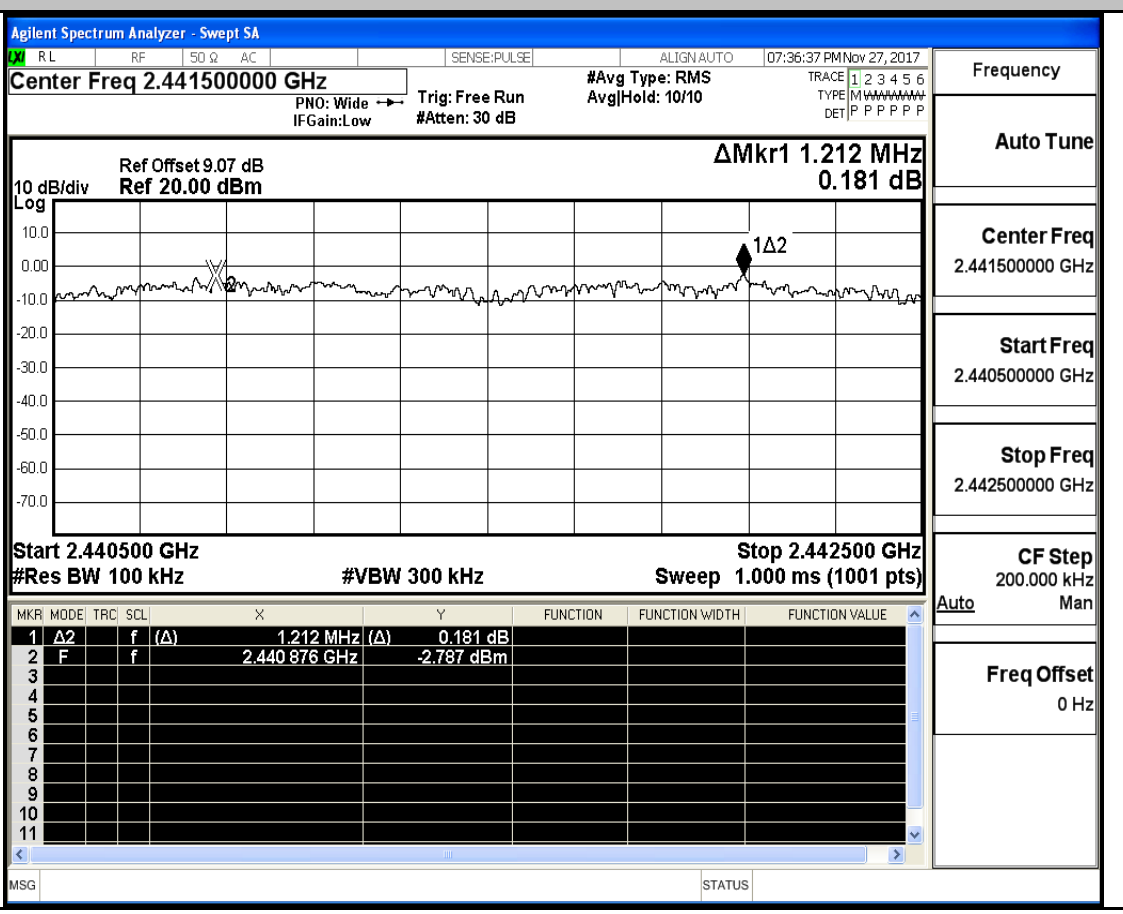
Carrier Frequency Separation_π/4-DQPSK_2480



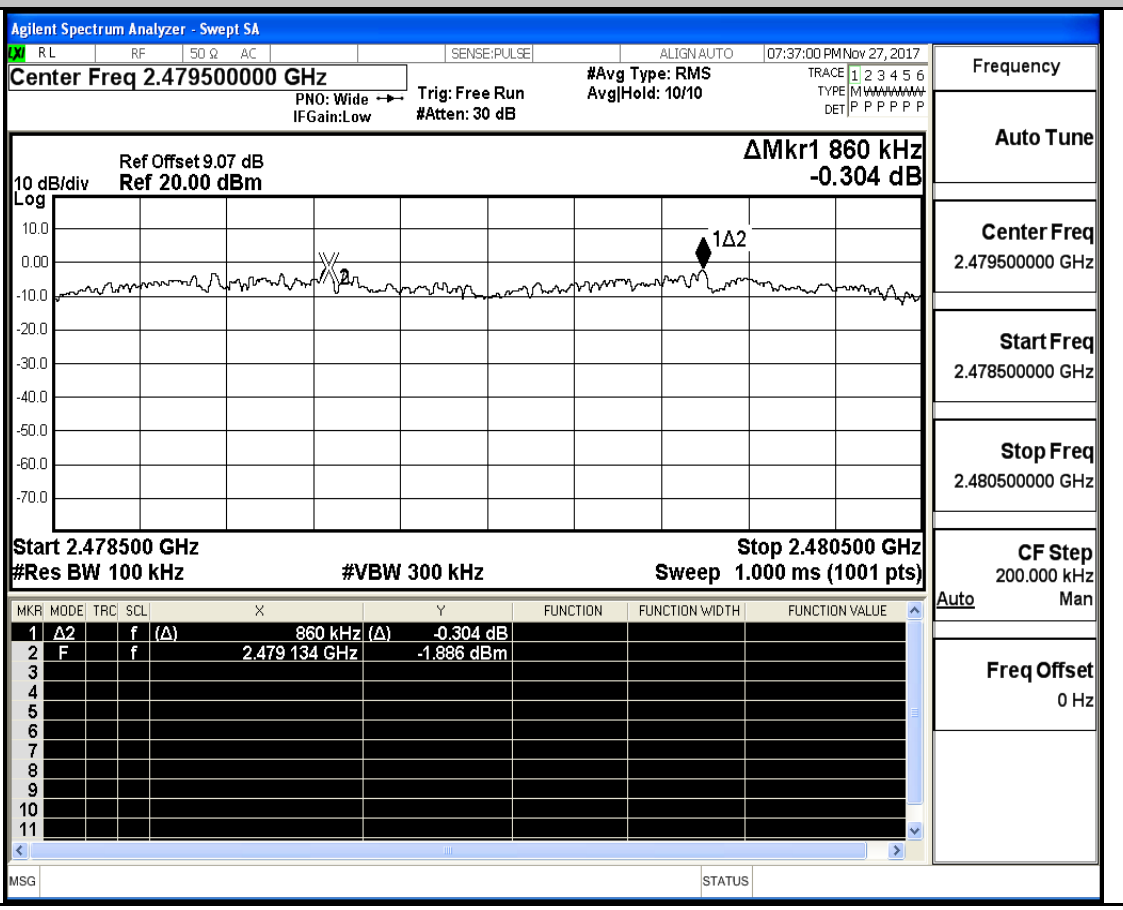
Carrier Frequency Separation_8-DPSK_2402



Carrier Frequency Separation_8-DPSK_2441



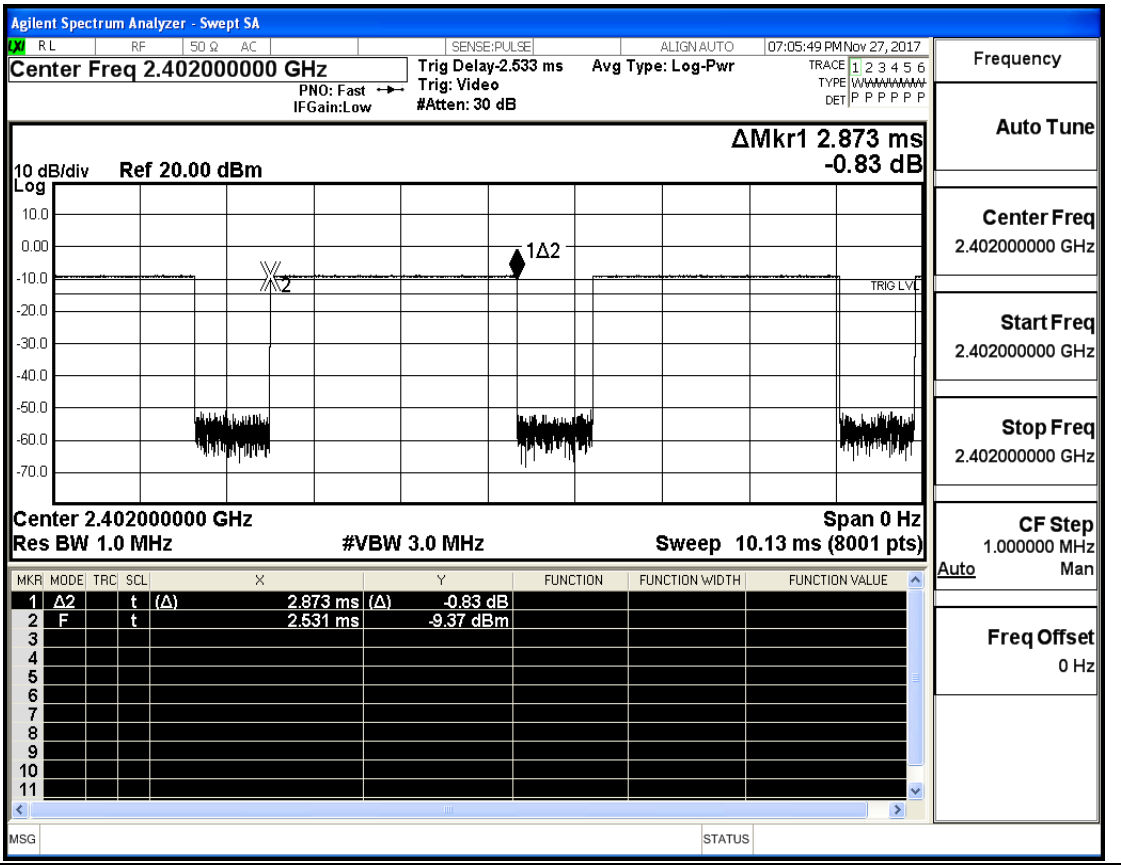
Carrier Frequency Separation_8-DPSK_2480



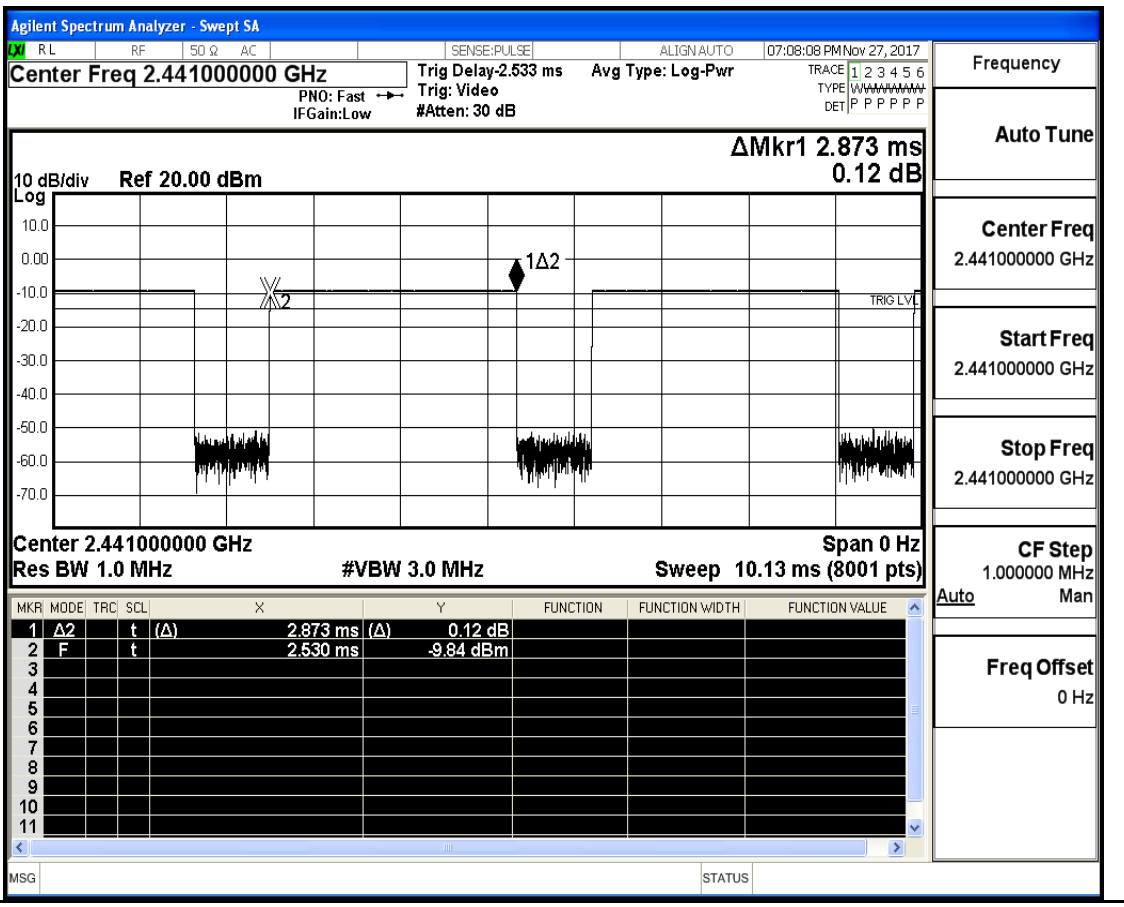
A.4 Dwell Time

Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
GFSK	2402	2.87	106.7	0.306	0.4	PASS
	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

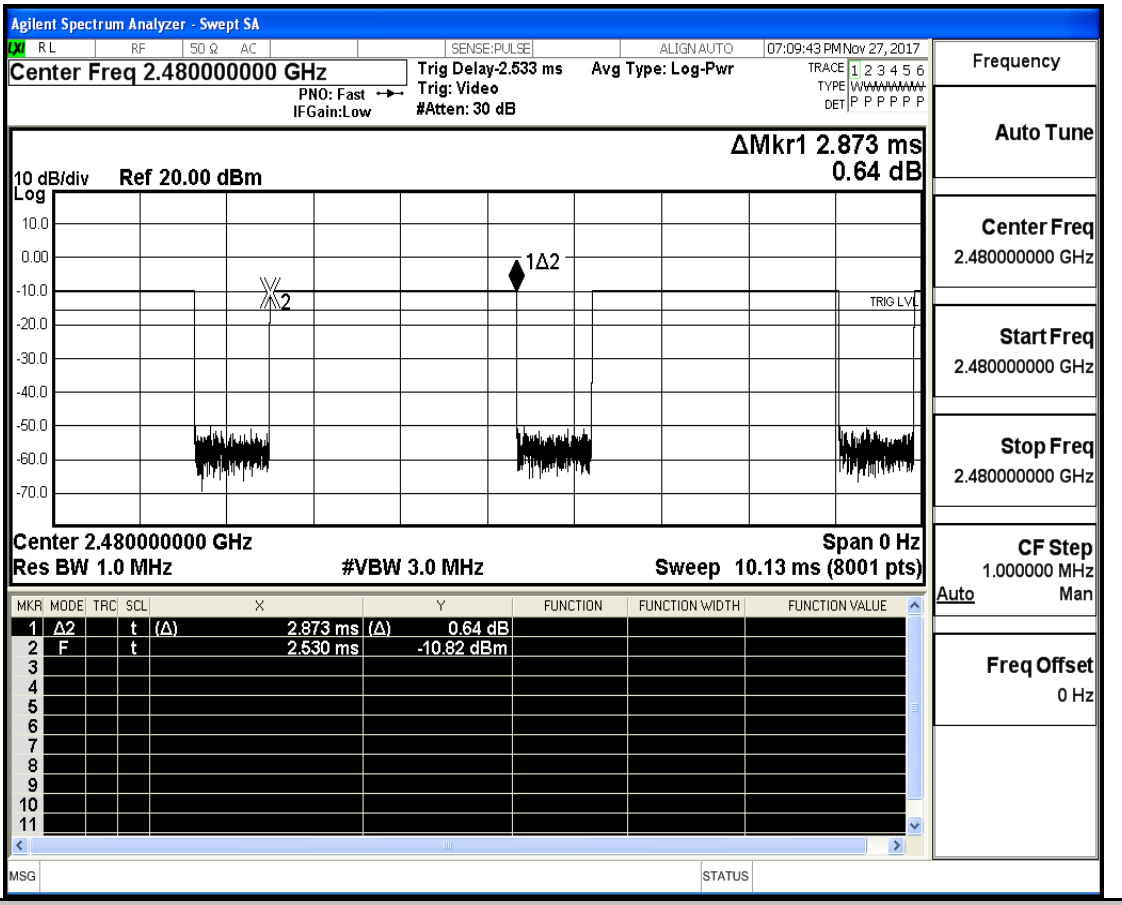
Dwell Time_GFSK_2402



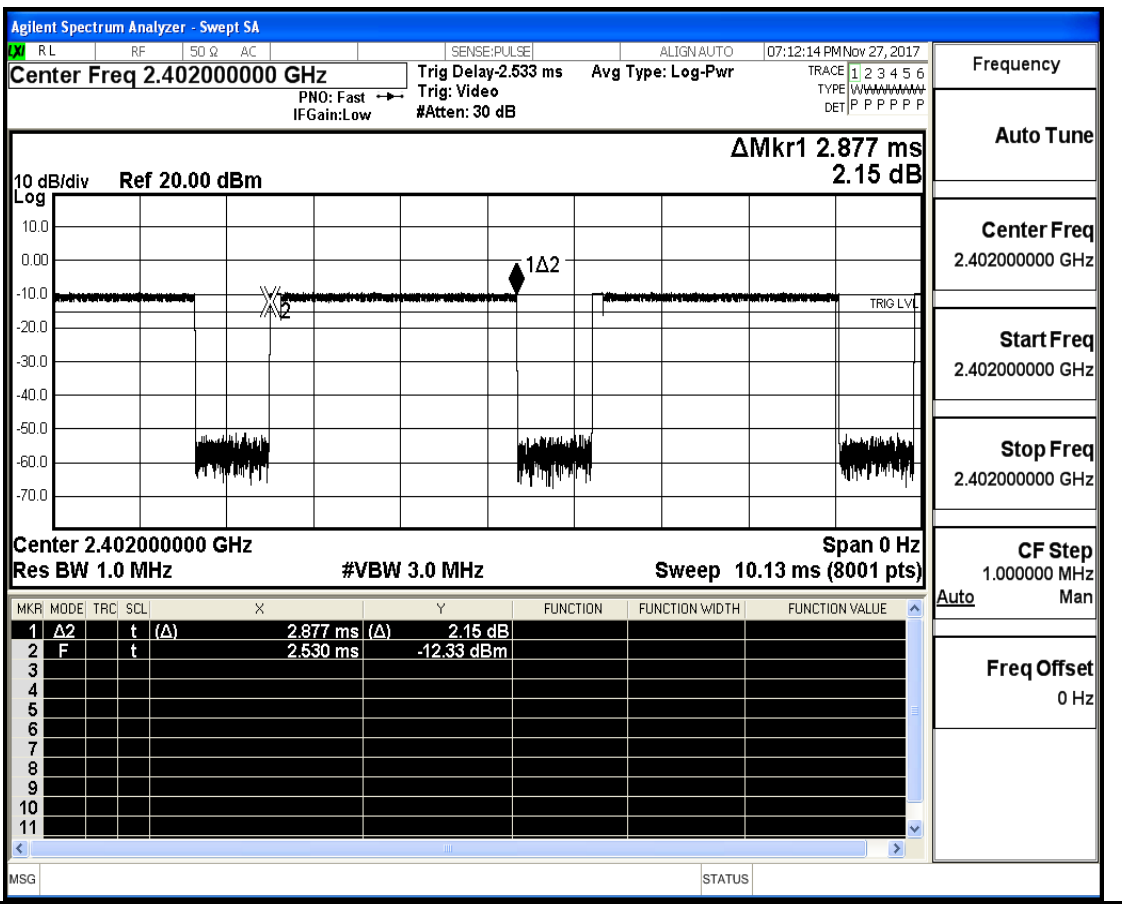
Dwell Time_GFSK_2441



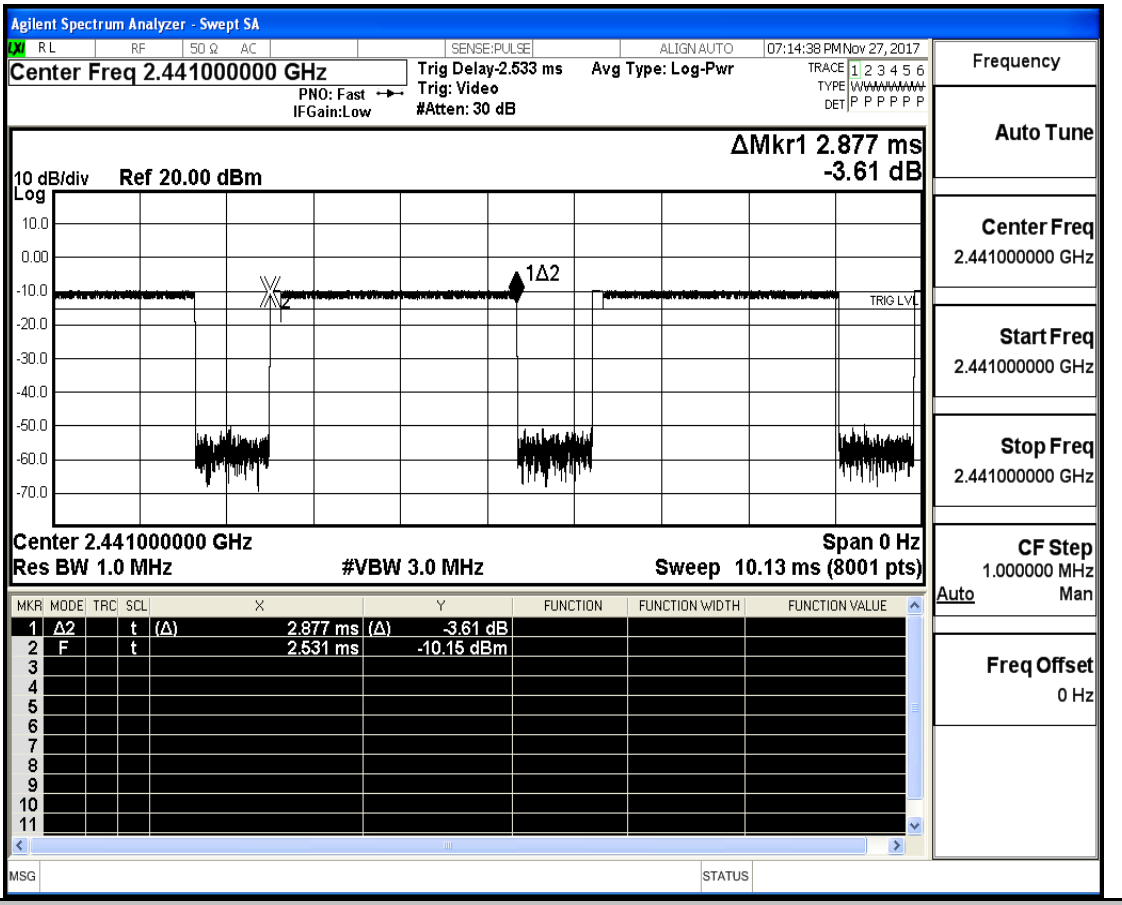
Dwell Time_GFSK_2480



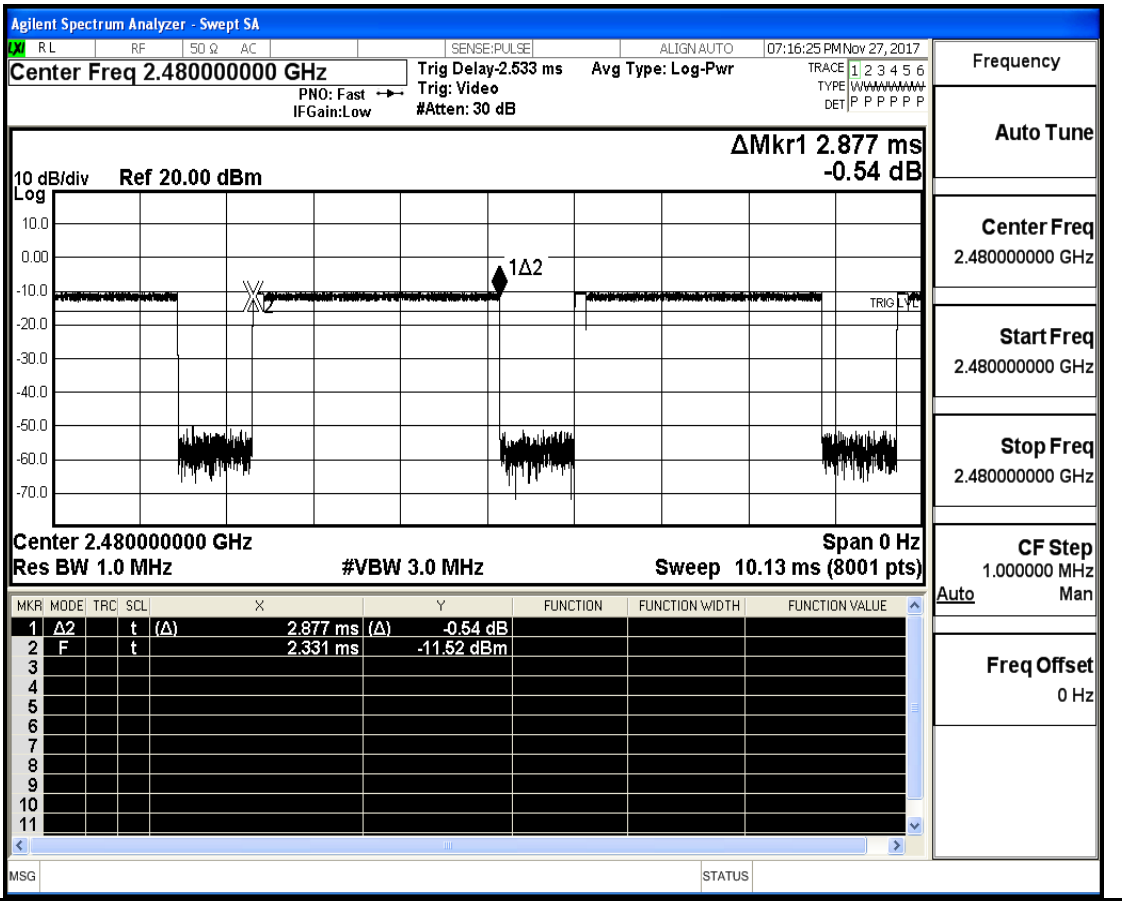
Dwell Time_π/4-DQPSK_2402



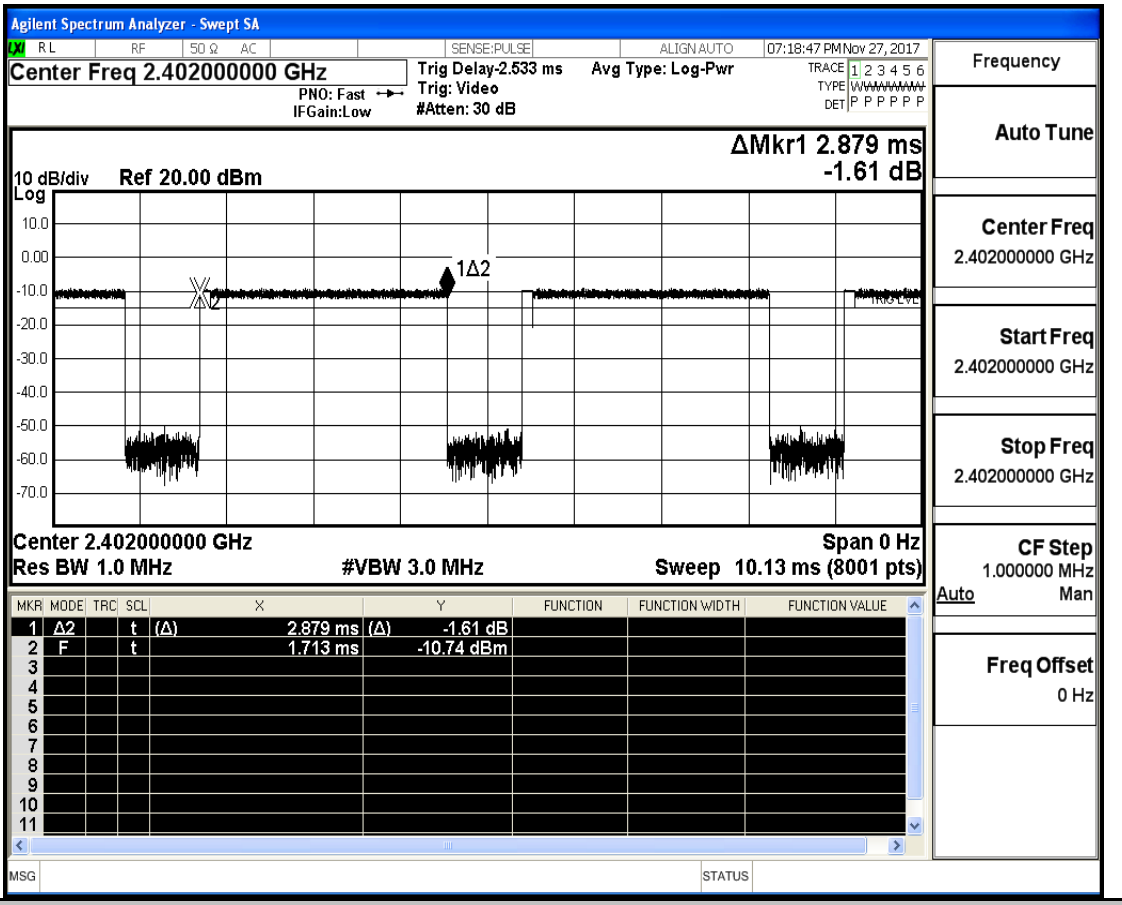
Dwell Time_π/4-DQPSK_2441



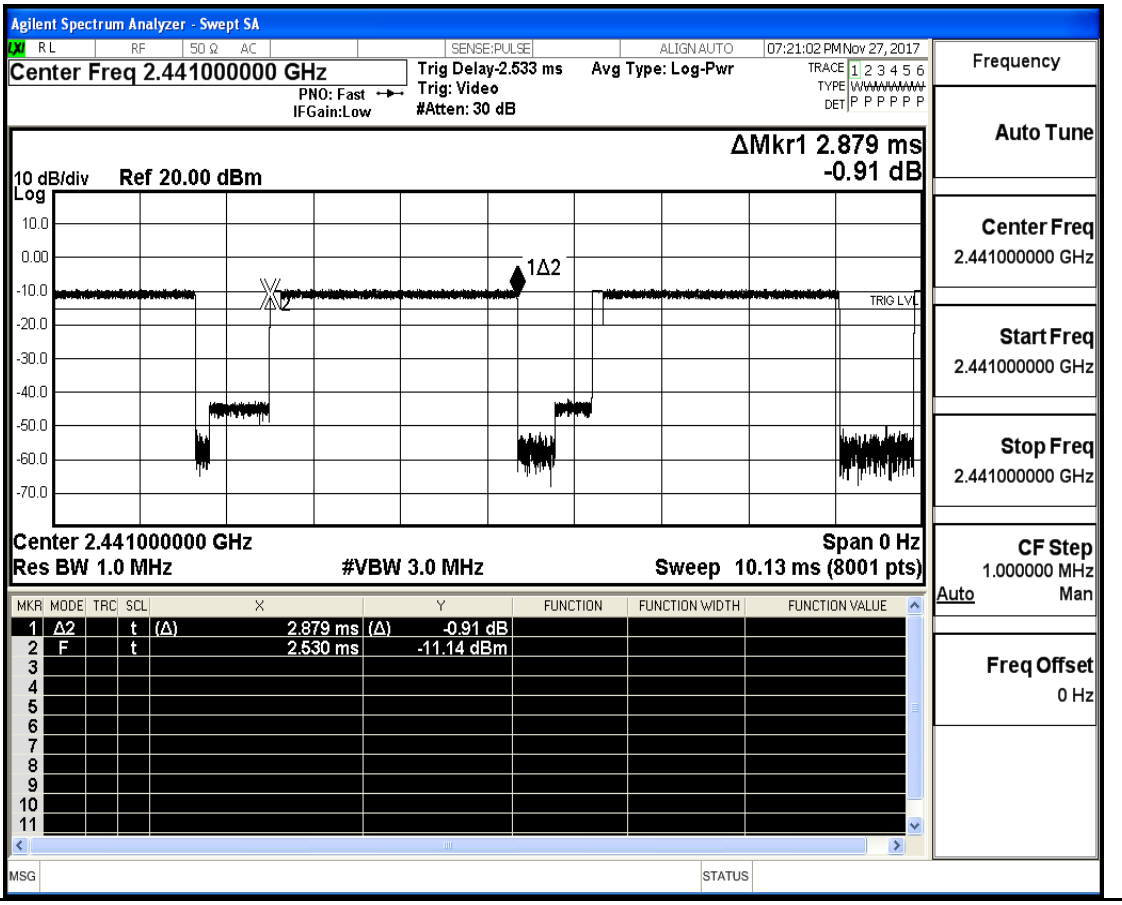
Dwell Time_π/4-DQPSK_2480



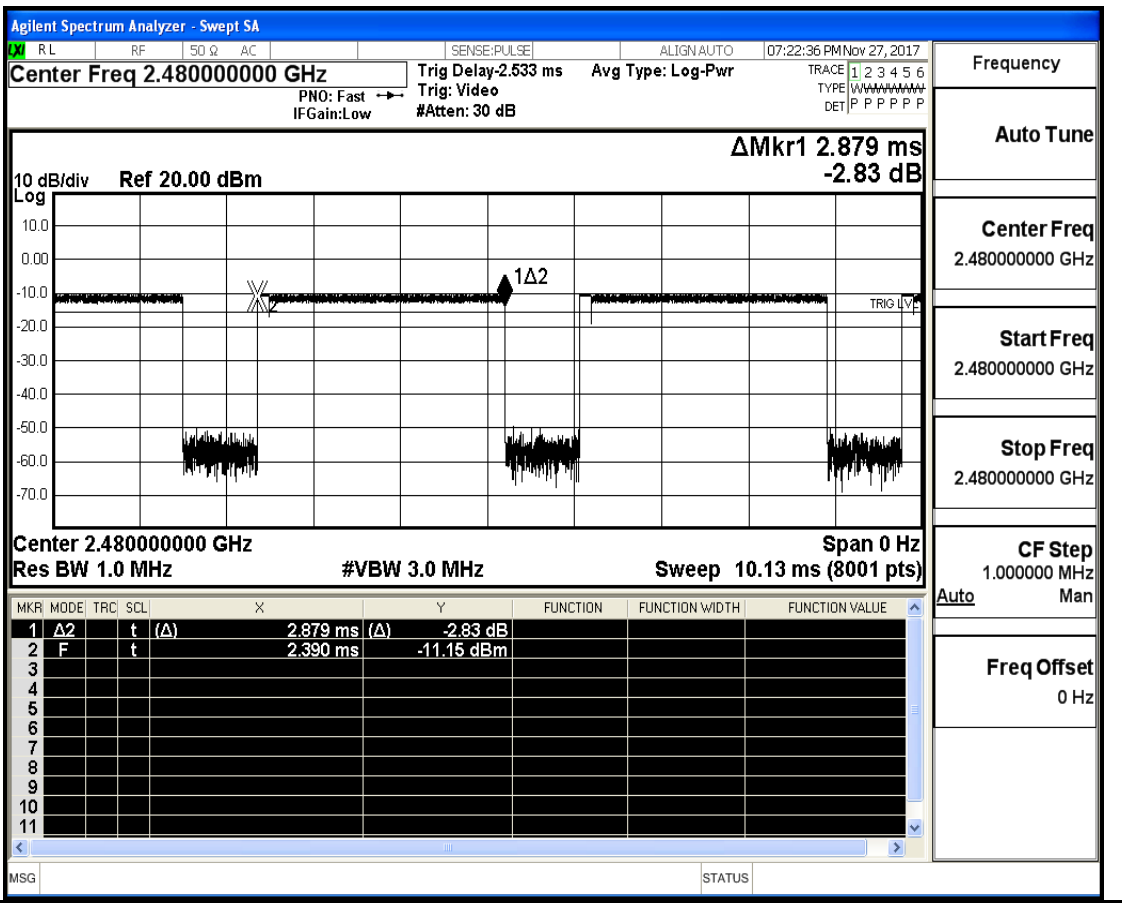
Dwell Time_8-DPSK_2402



Dwell Time_8-DPSK_2441



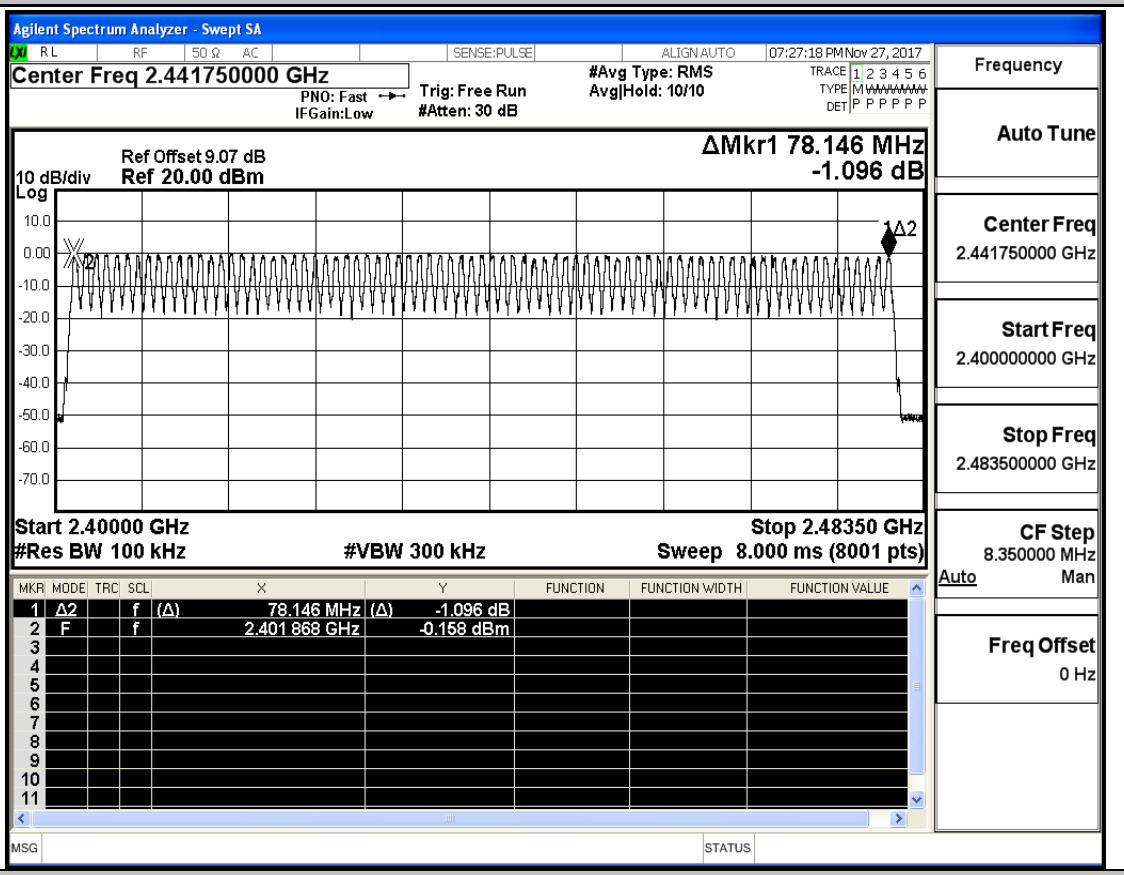
Dwell Time_8-DPSK_2480



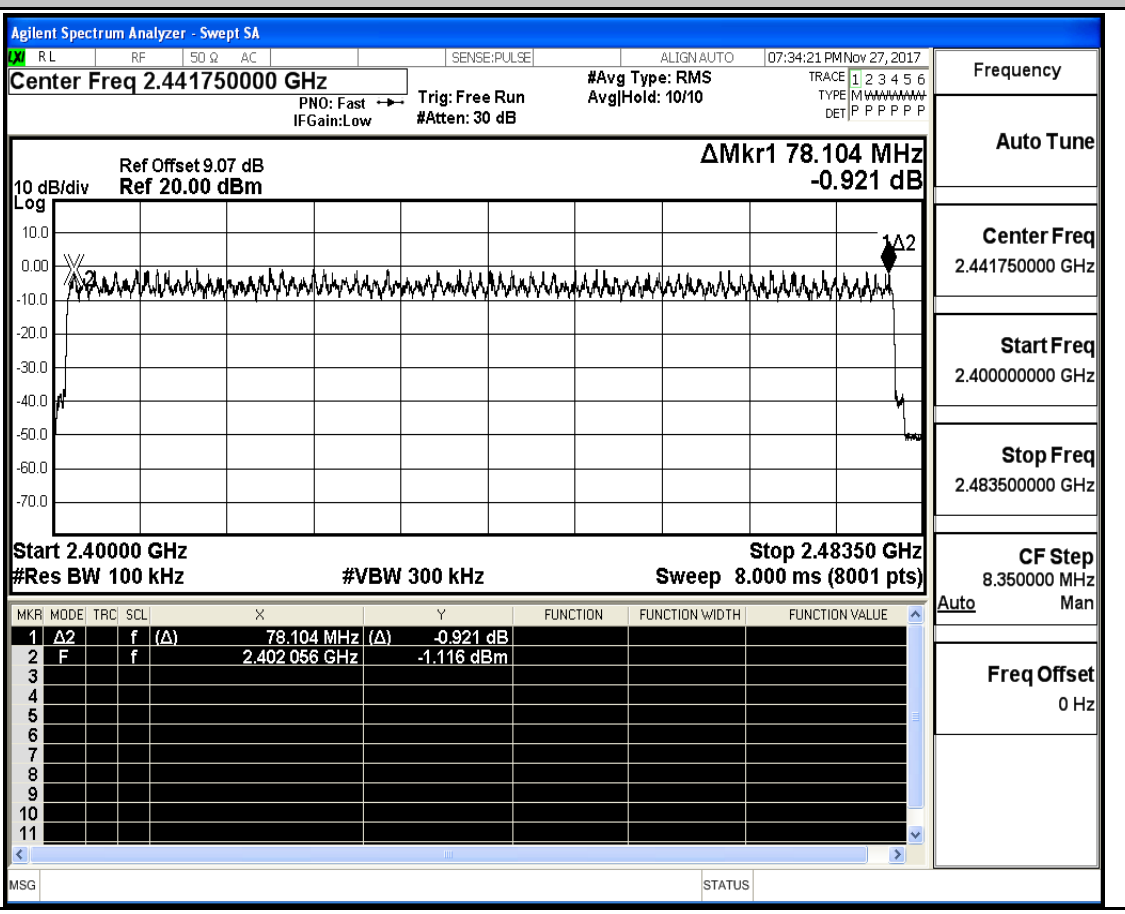
A.5 Hopping Channel Number

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

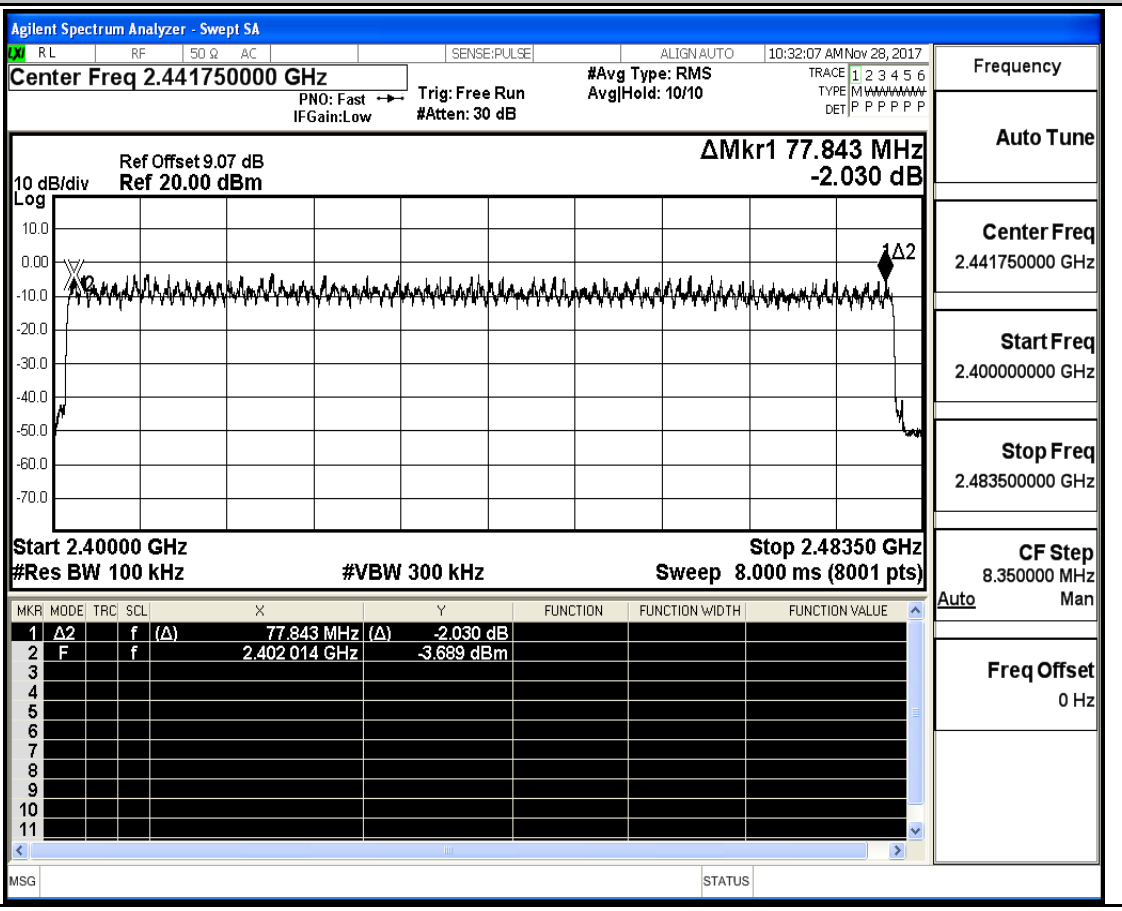
Hopping Channel Number_GFSK_2402



Hopping Channel Number_π/4-DQPSK_2402



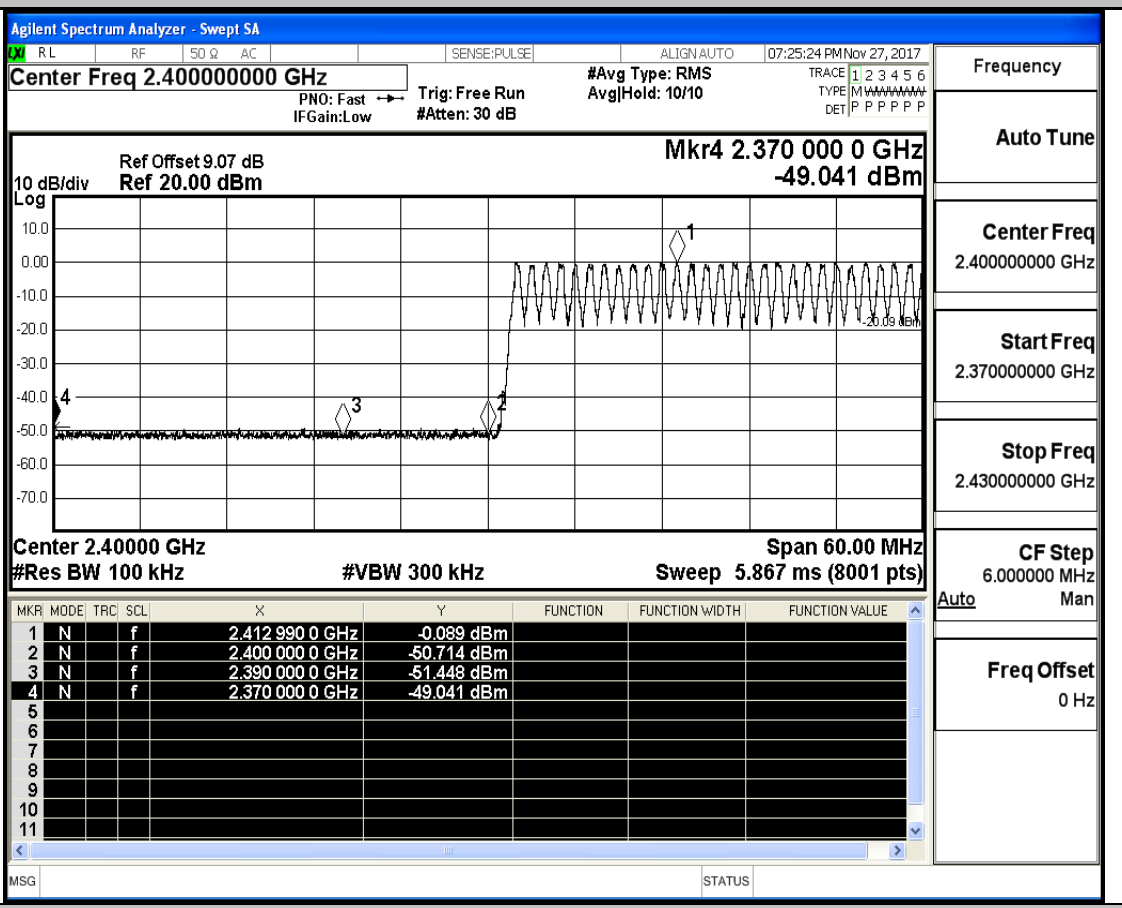
Hopping Channel Number_8-DPSK_2402



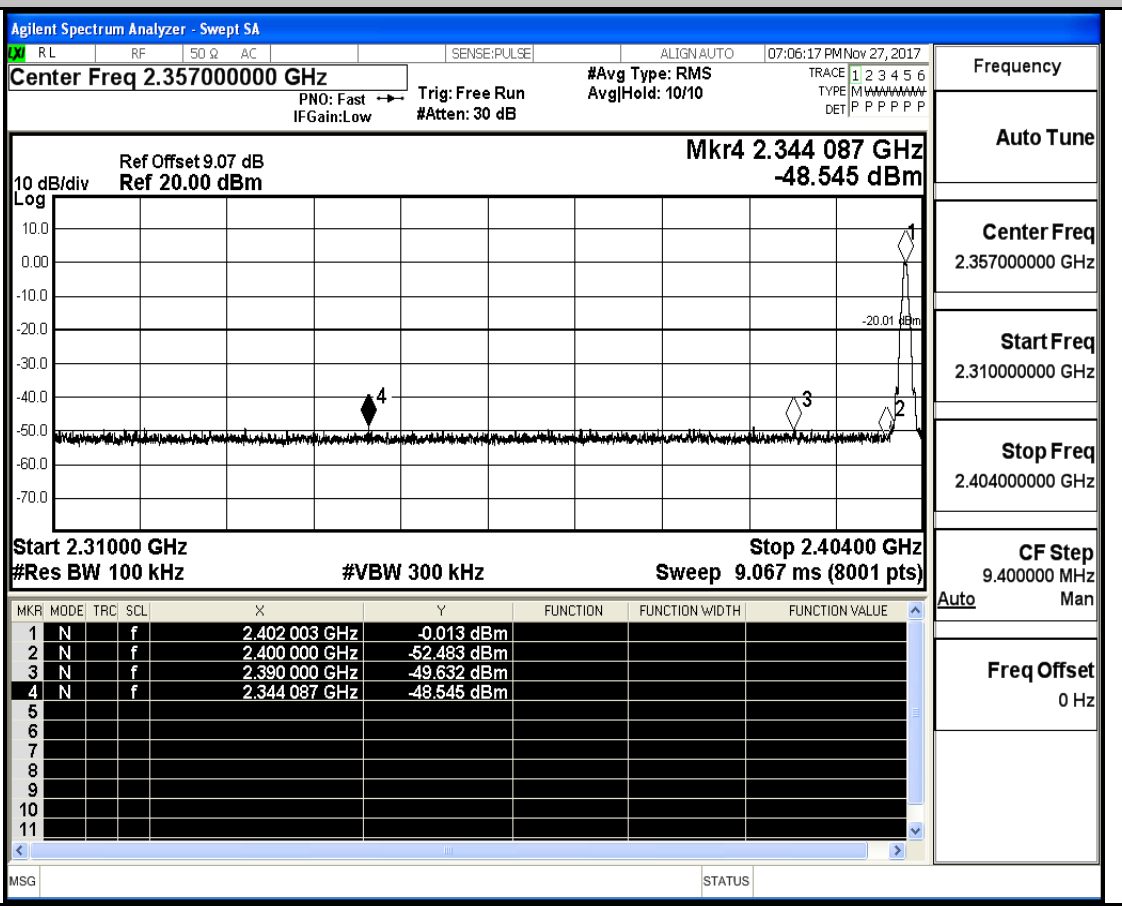
A.6 Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
GFSK	2402	On	-0.089	-49.041	-20.09	PASS
	2402	Off	-0.013	-48.545	-20.01	PASS
	2480	On	-0.467	-48.498	-20.47	PASS
	2480	Off	-0.623	-49.335	-20.62	PASS
π/4-DQPSK	2402	On	-0.645	-47.771	-20.65	PASS
	2402	Off	-0.663	-48.584	-20.66	PASS
	2480	On	-1.166	-47.700	-21.17	PASS
	2480	Off	-1.523	-48.620	-21.52	PASS
8-DPSK	2402	On	-0.552	-48.417	-20.55	PASS
	2402	Off	-0.880	-49.387	-20.88	PASS
	2480	On	-0.923	-48.375	-20.92	PASS
	2480	Off	-1.444	-48.682	-21.44	PASS

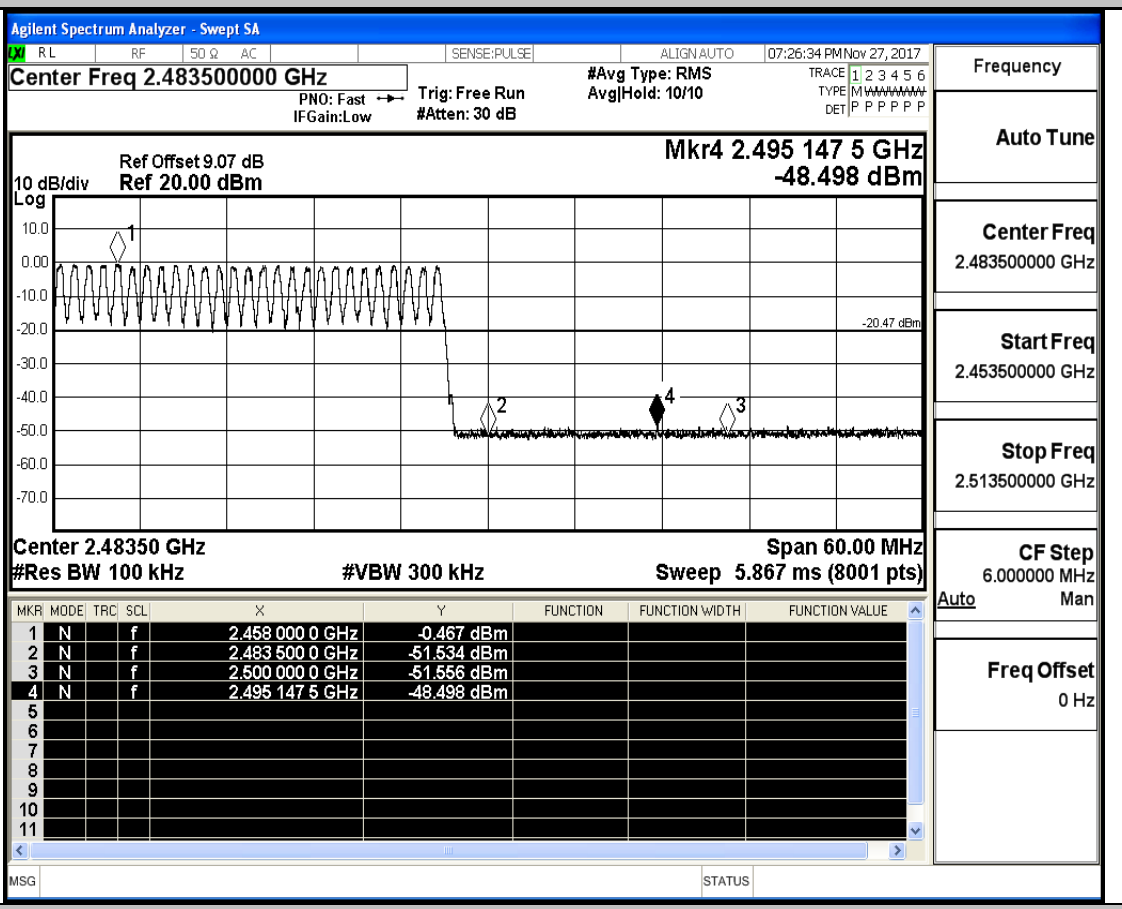
Band-edge for RF Conducted Emissions_GFSK_2402_Hopping On



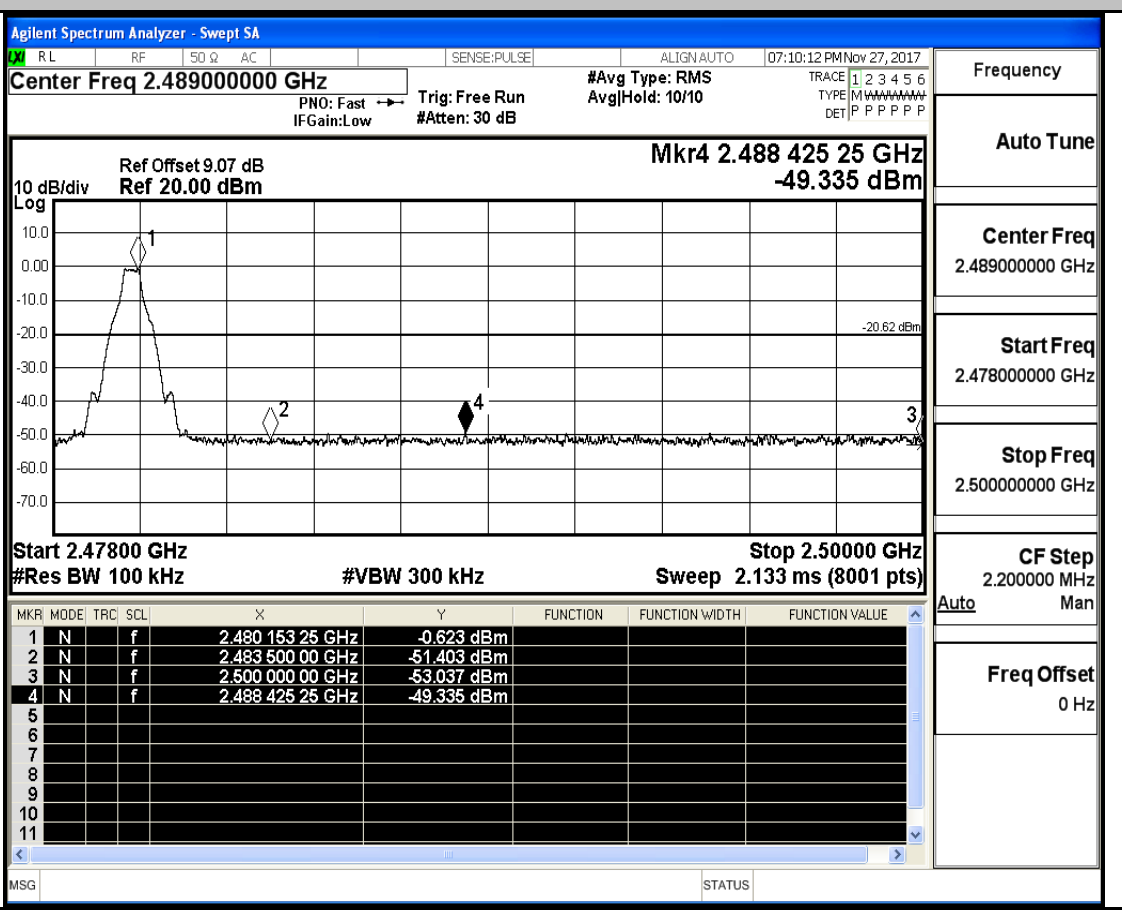
Band-edge for RF Conducted Emissions_GFSK_2402_Hopping Off



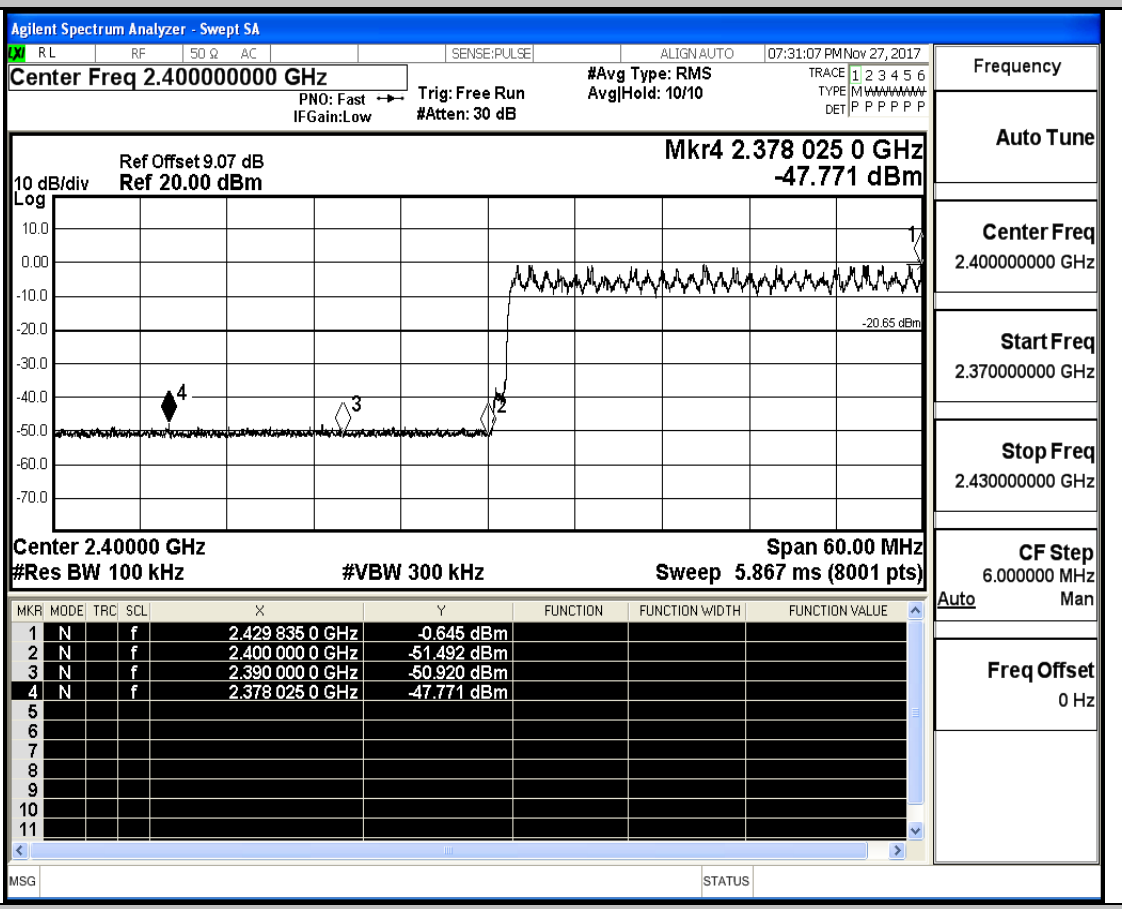
Band-edge for RF Conducted Emissions_GFSK_2480_Hopping On



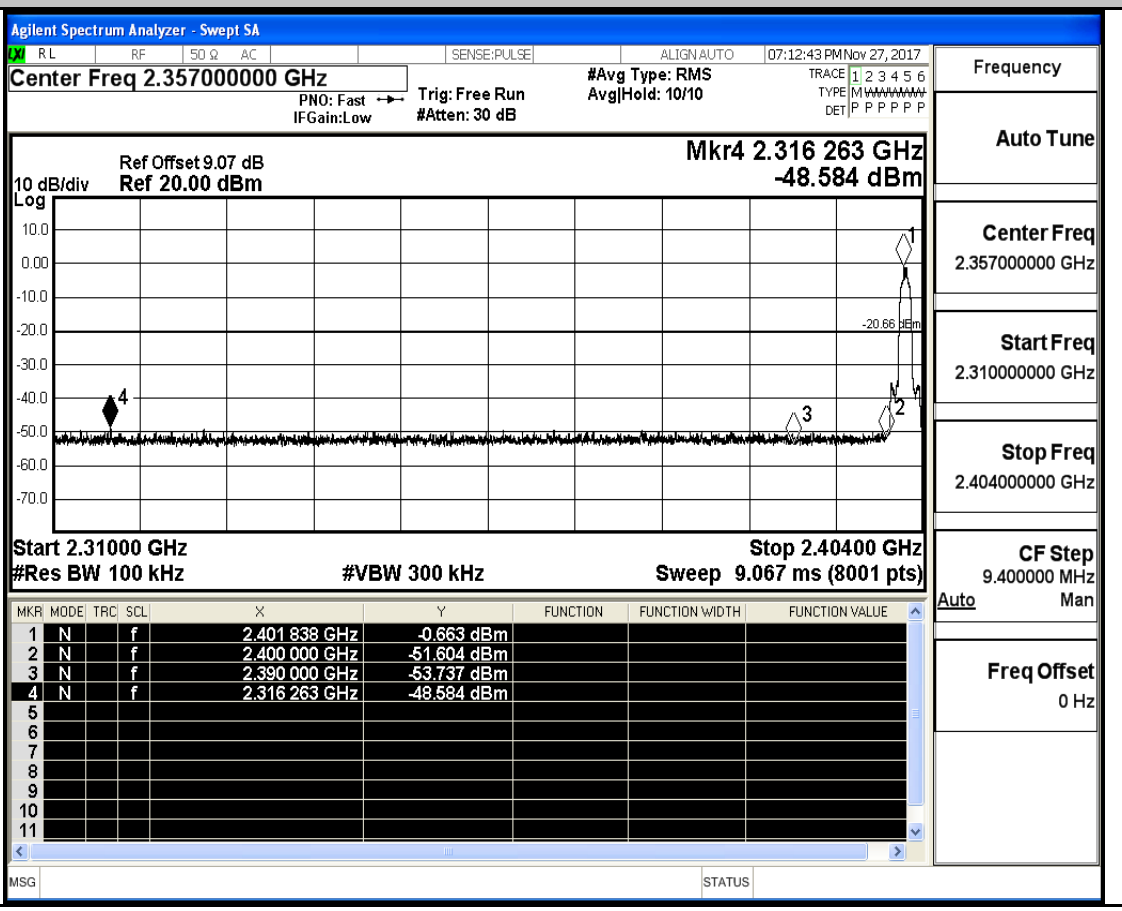
Band-edge for RF Conducted Emissions_GFSK_2480_Hopping Off



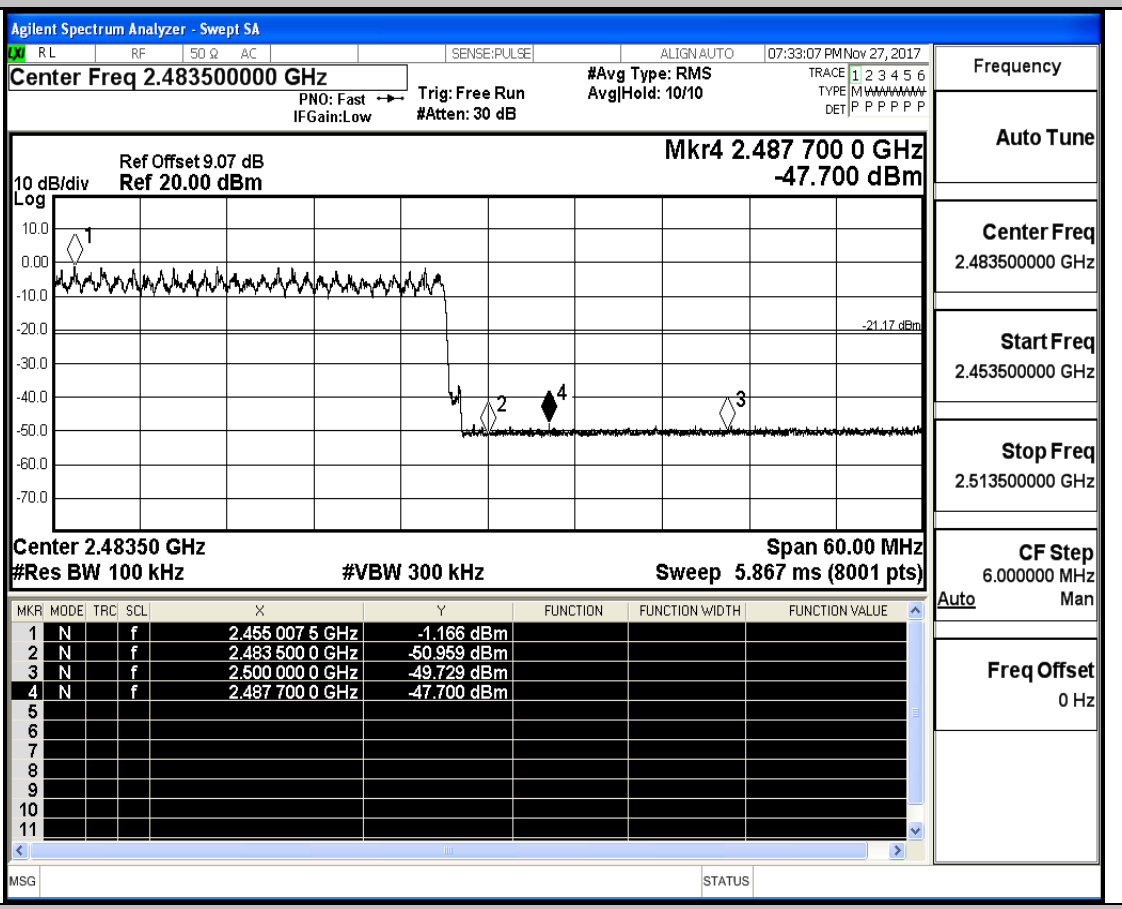
Band-edge for RF Conducted Emissions_π/4-DQPSK_2402_Hopping On



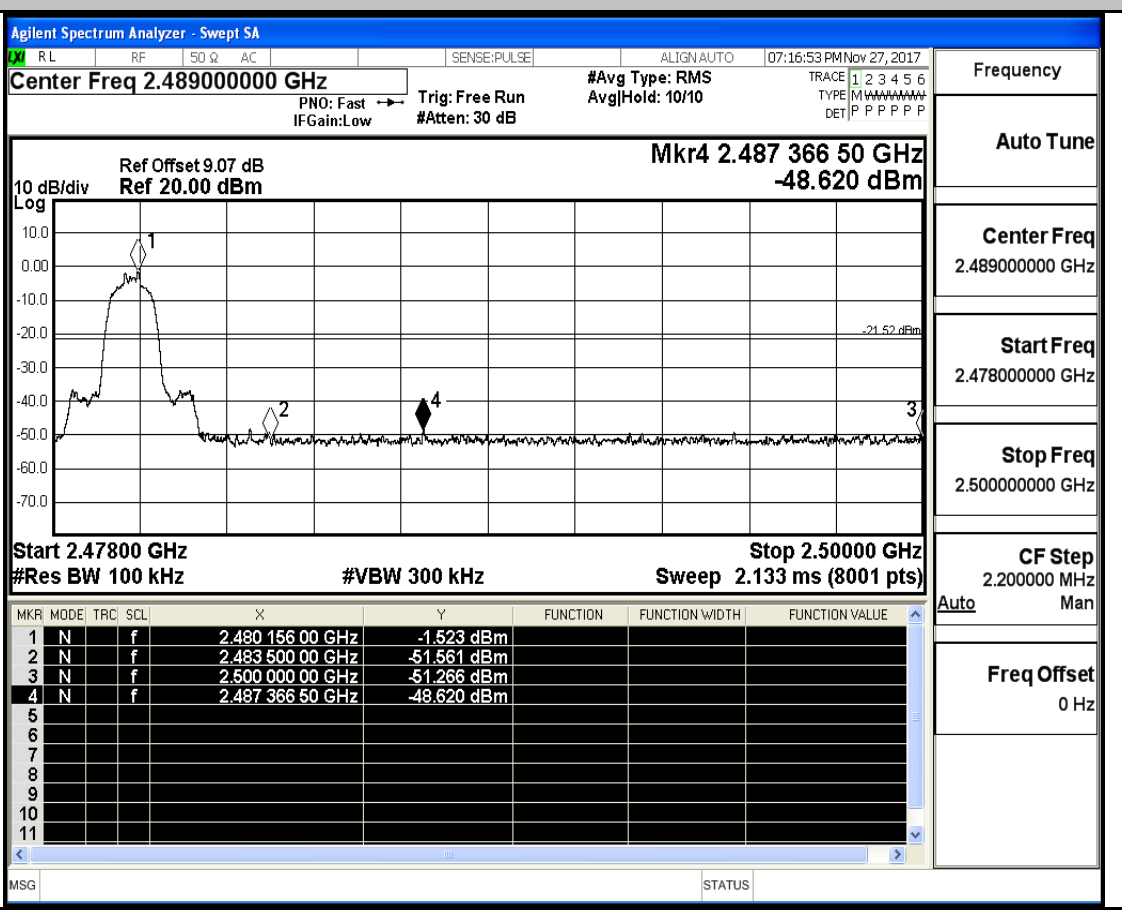
Band-edge for RF Conducted Emissions_π/4-DQPSK_2402_Hopping Off



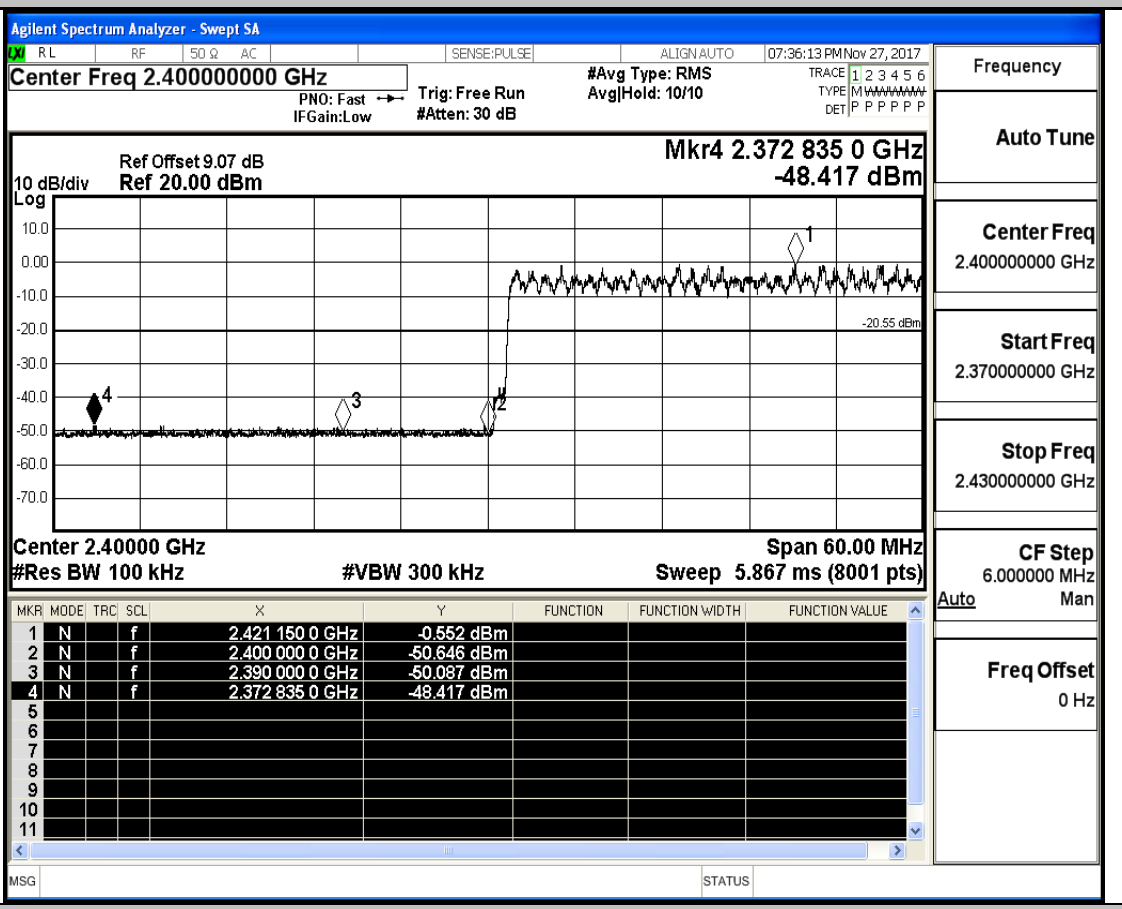
Band-edge for RF Conducted Emissions_π/4-DQPSK_2480_Hopping On



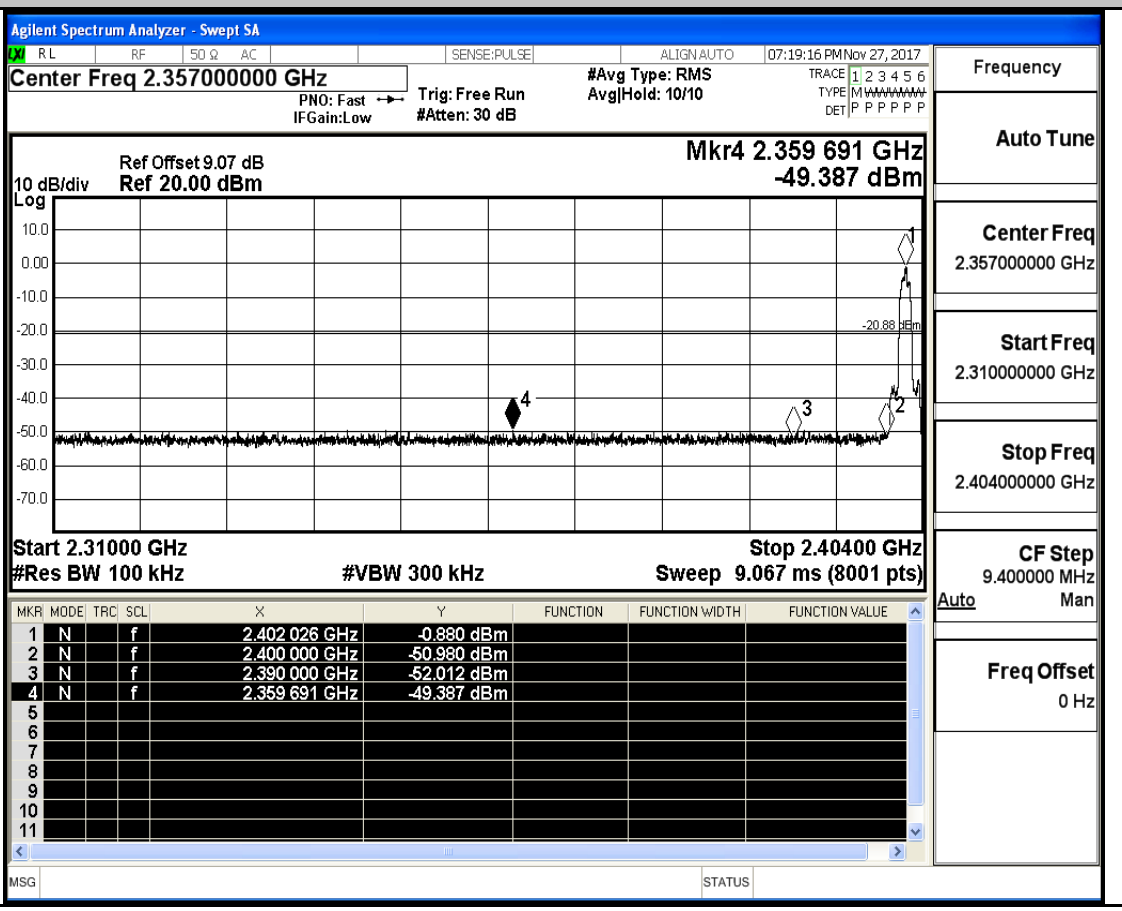
Band-edge for RF Conducted Emissions_π/4-DQPSK_2480_Hopping Off



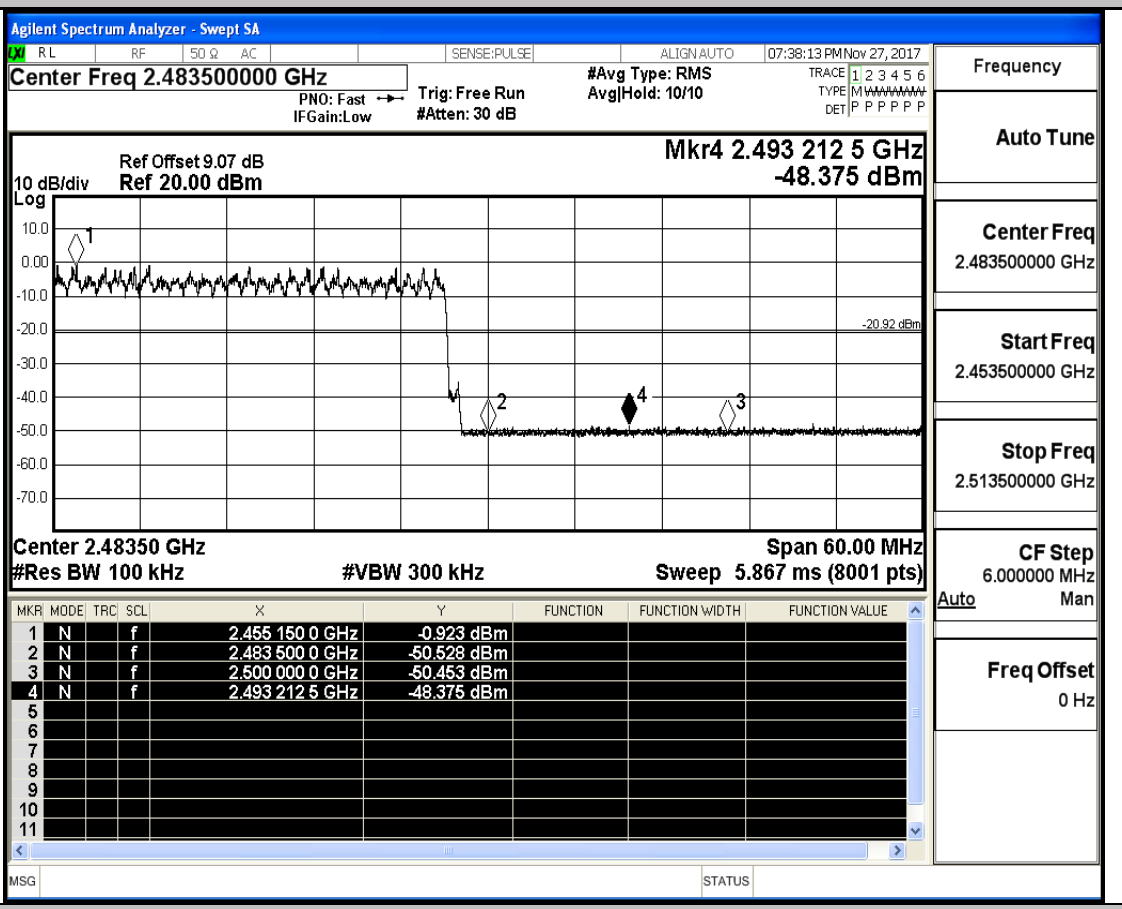
Band-edge for RF Conducted Emissions_8-DPSK_2402_Hopping On



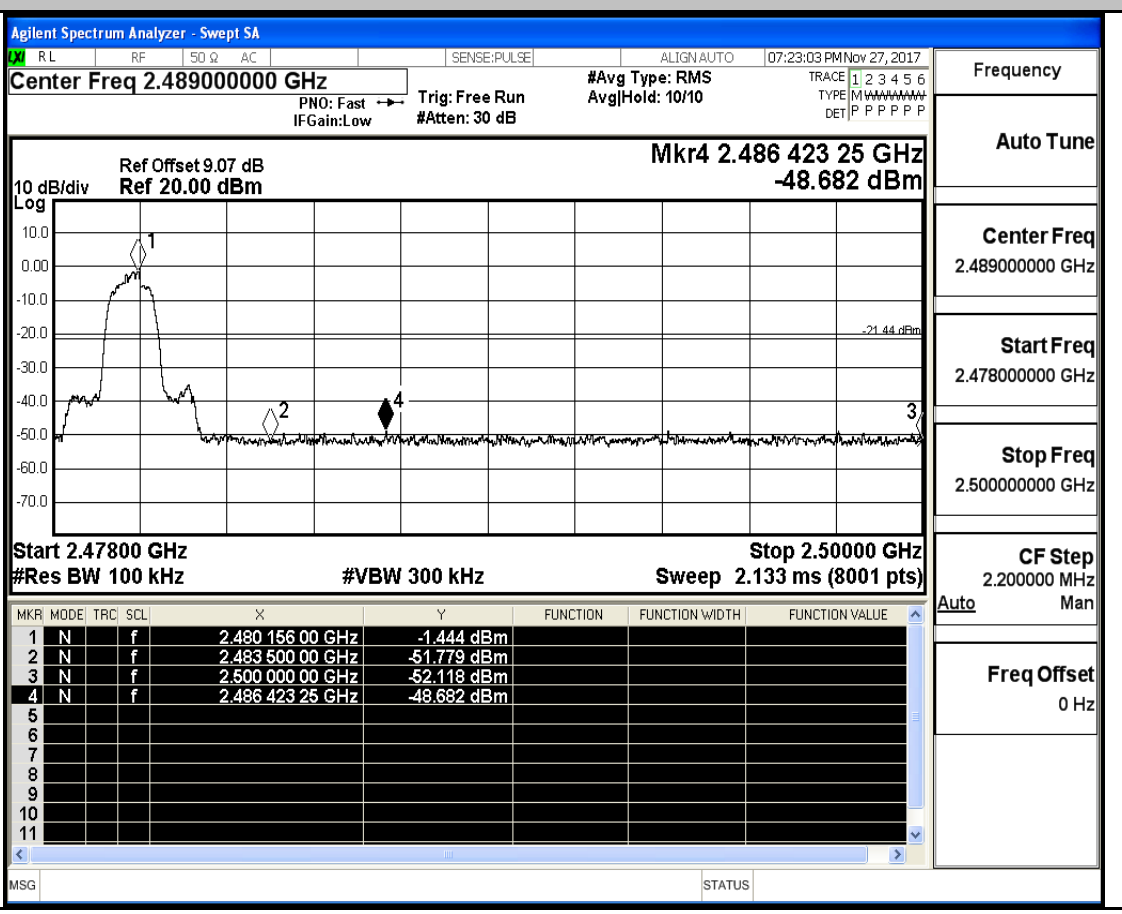
Band-edge for RF Conducted Emissions_8-DPSK_2402_Hopping Off



Band-edge for RF Conducted Emissions_8-DPSK_2480_Hopping On



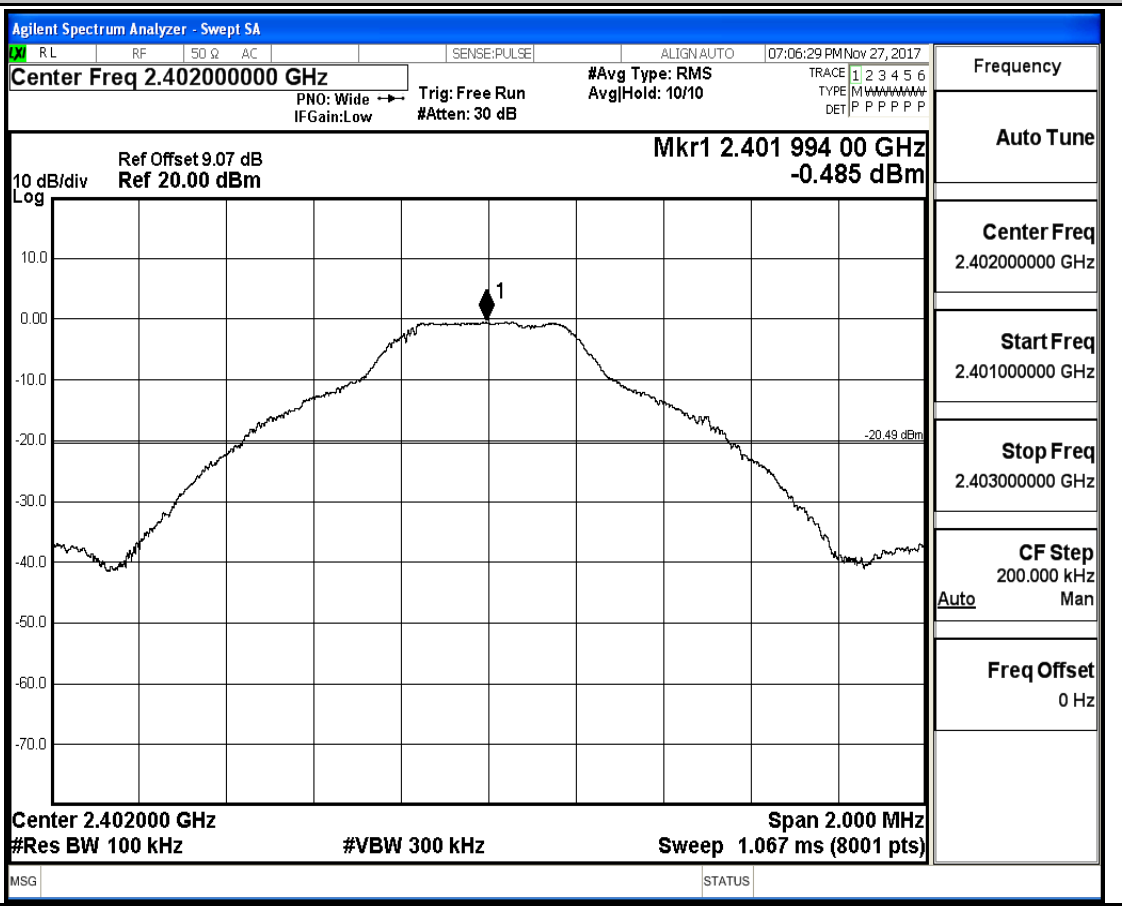
Band-edge for RF Conducted Emissions_8-DPSK_2480_Hopping Off

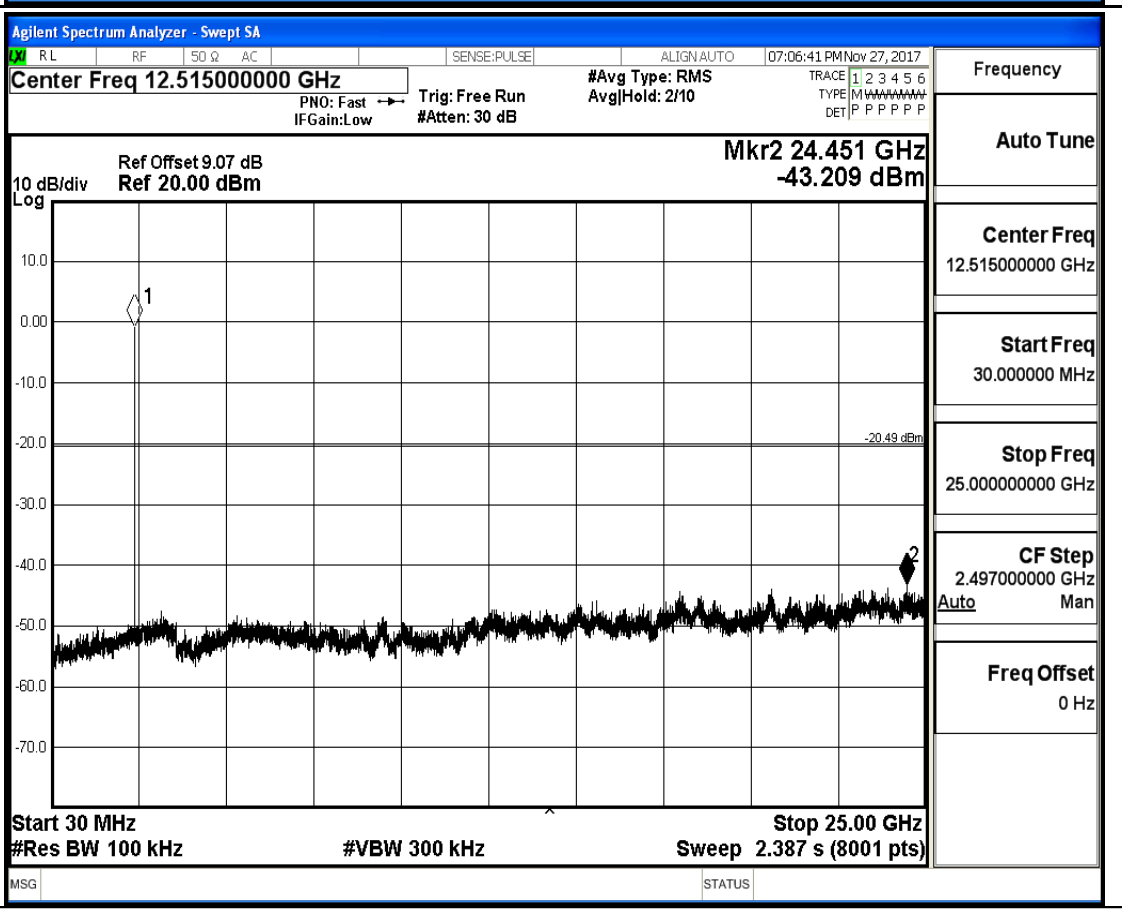


A.7 RF Conducted Spurious Emissions

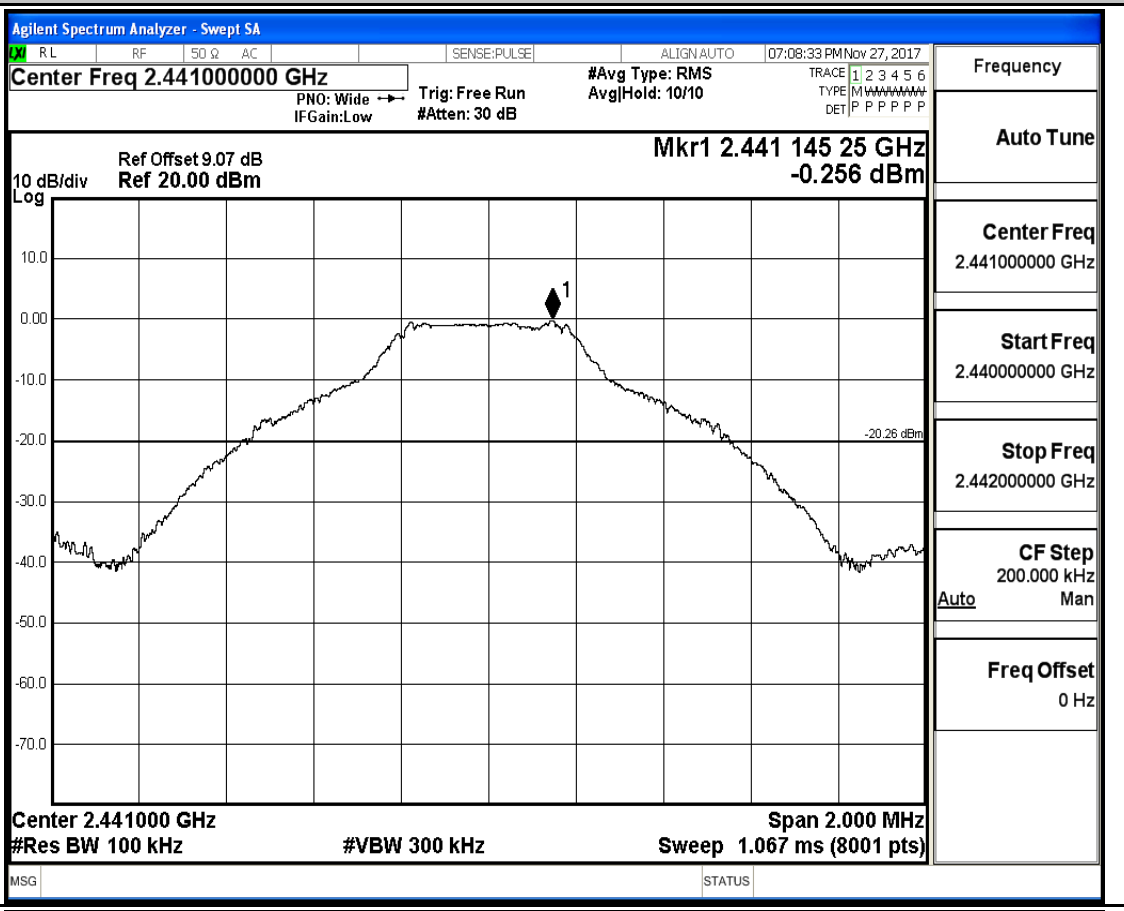
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	2402	30	25000	100	300	-0.485	-43.209	<-20.485	PASS
	2441	30	25000	100	300	-0.256	-43.522	<-20.256	PASS
	2480	30	25000	100	300	-0.756	-43.344	<-20.756	PASS
π/4-DQPSK	2402	30	25000	100	300	-0.717	-43.947	<-20.717	PASS
	2441	30	25000	100	300	-0.943	-42.379	<-20.943	PASS
	2480	30	25000	100	300	-1.468	-43.290	<-21.468	PASS
8-DPSK	2402	30	25000	100	300	-0.704	-43.092	<-20.704	PASS
	2441	30	25000	100	300	-0.88	-43.489	<-20.88	PASS
	2480	30	25000	100	300	-1.488	-43.664	<-21.488	PASS

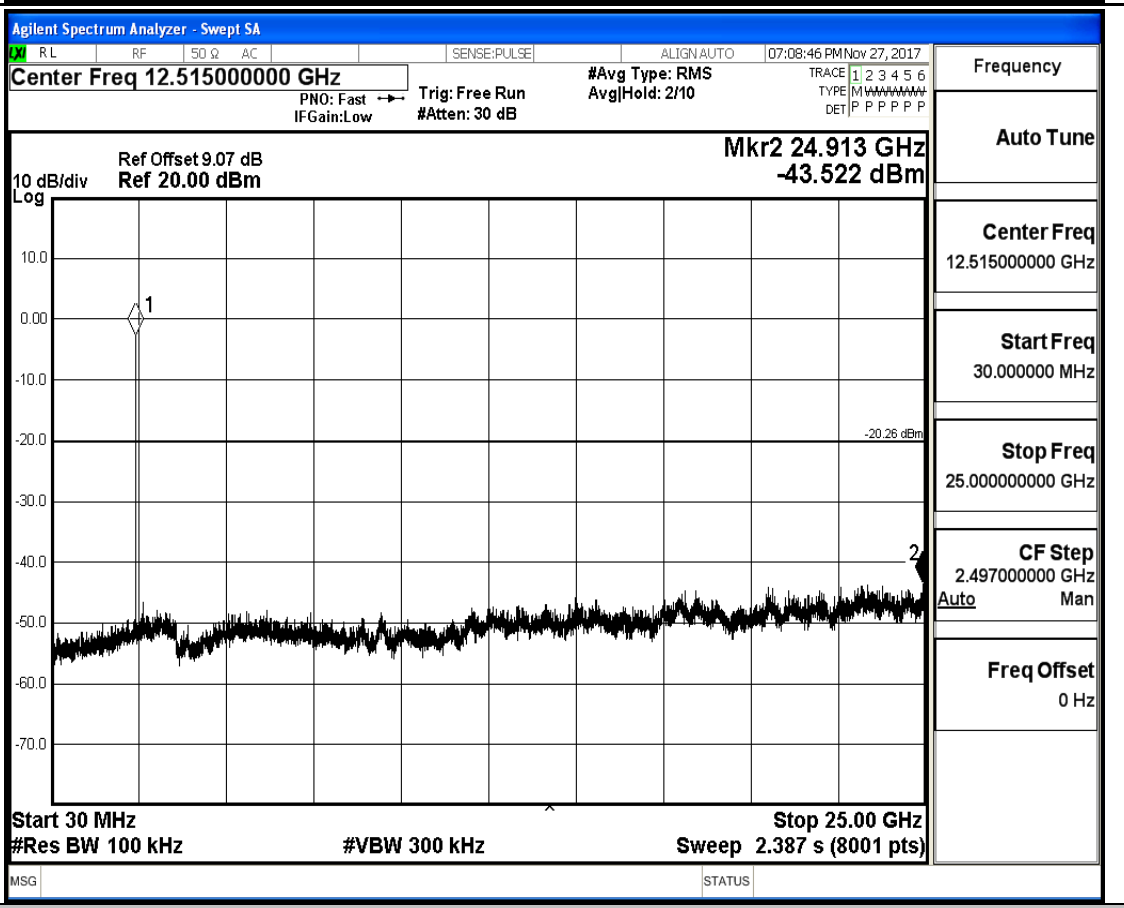
RF Conducted Spurious Emissions_GFSK_2402



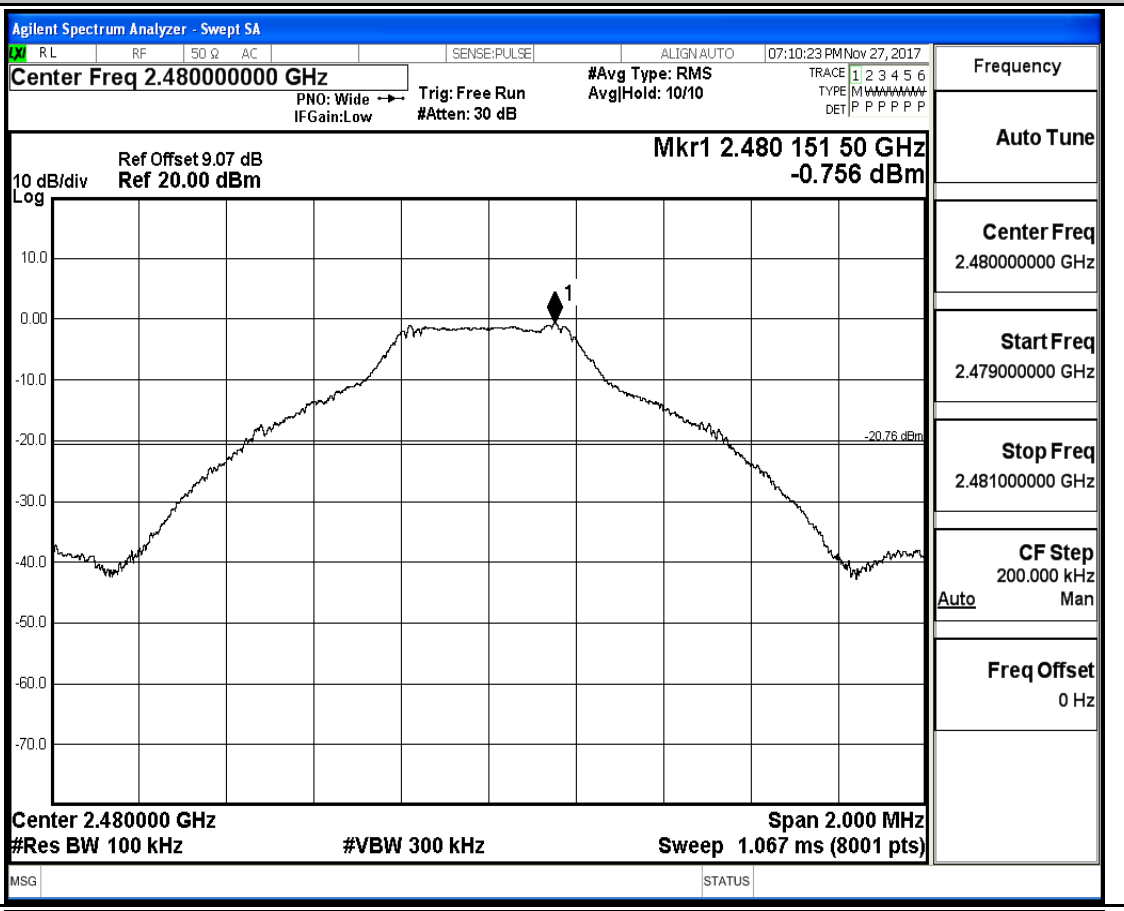


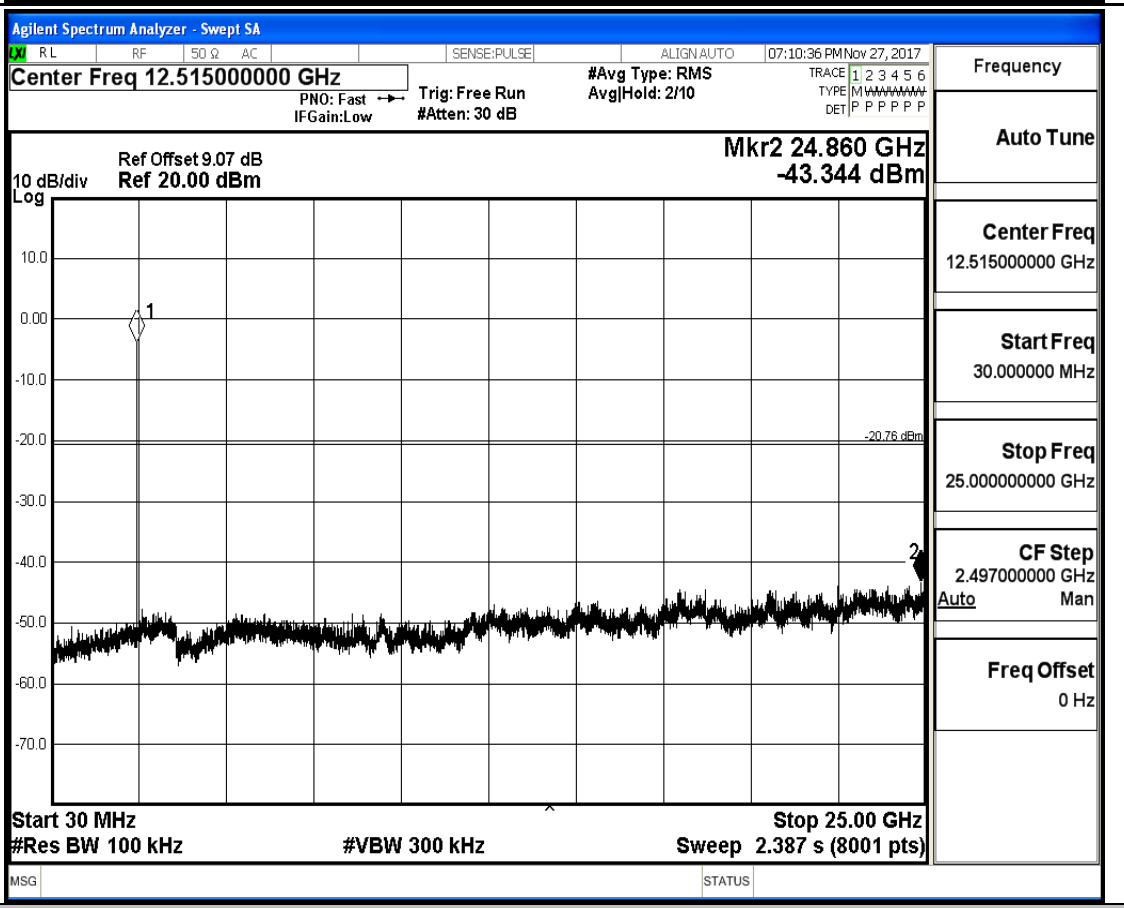
RF Conducted Spurious Emissions_GFSK_2441



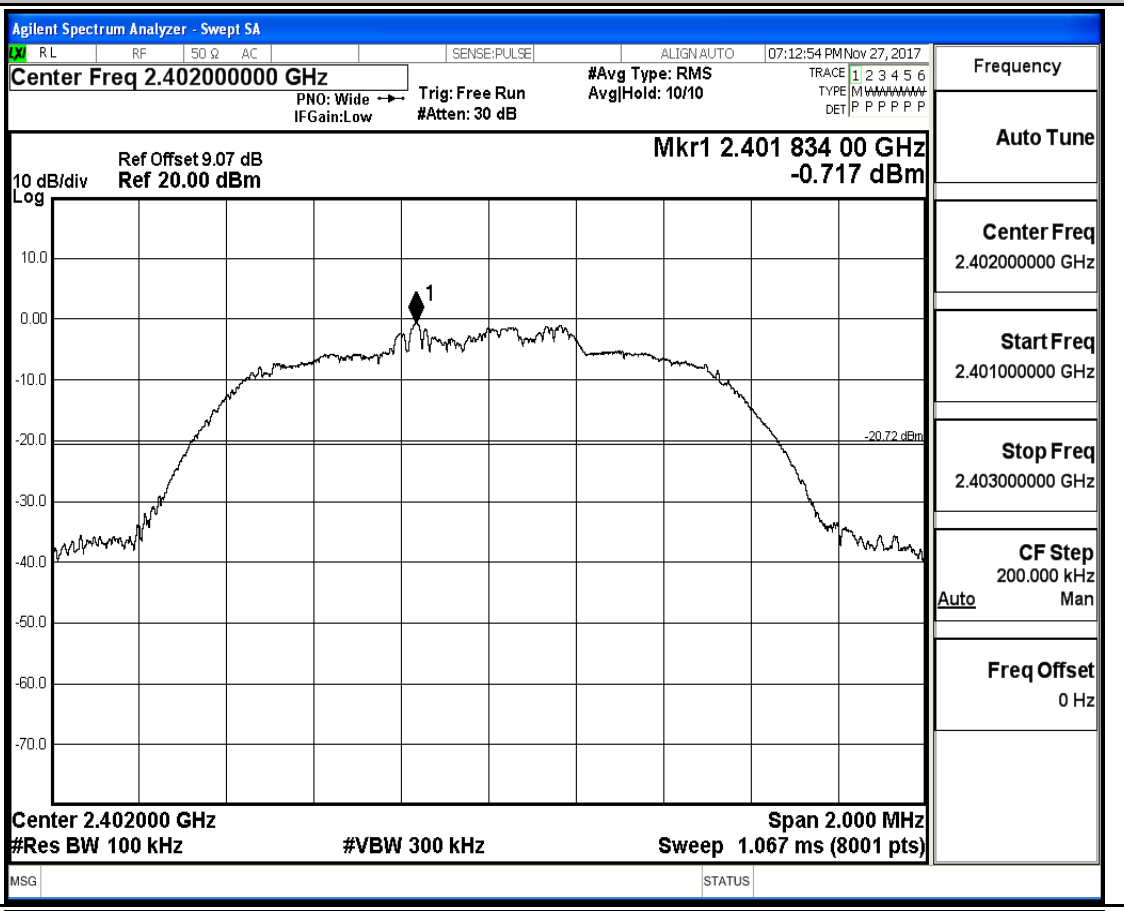


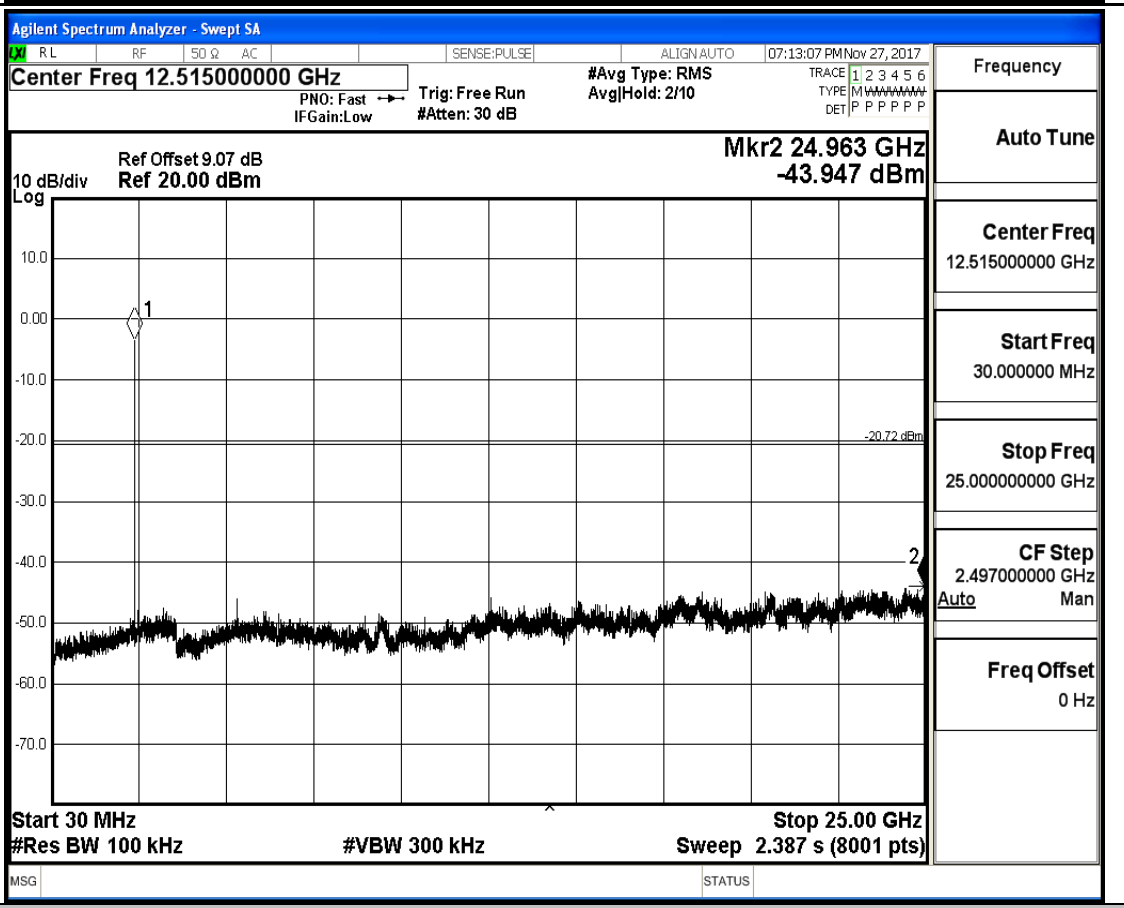
RF Conducted Spurious Emissions_GFSK_2480



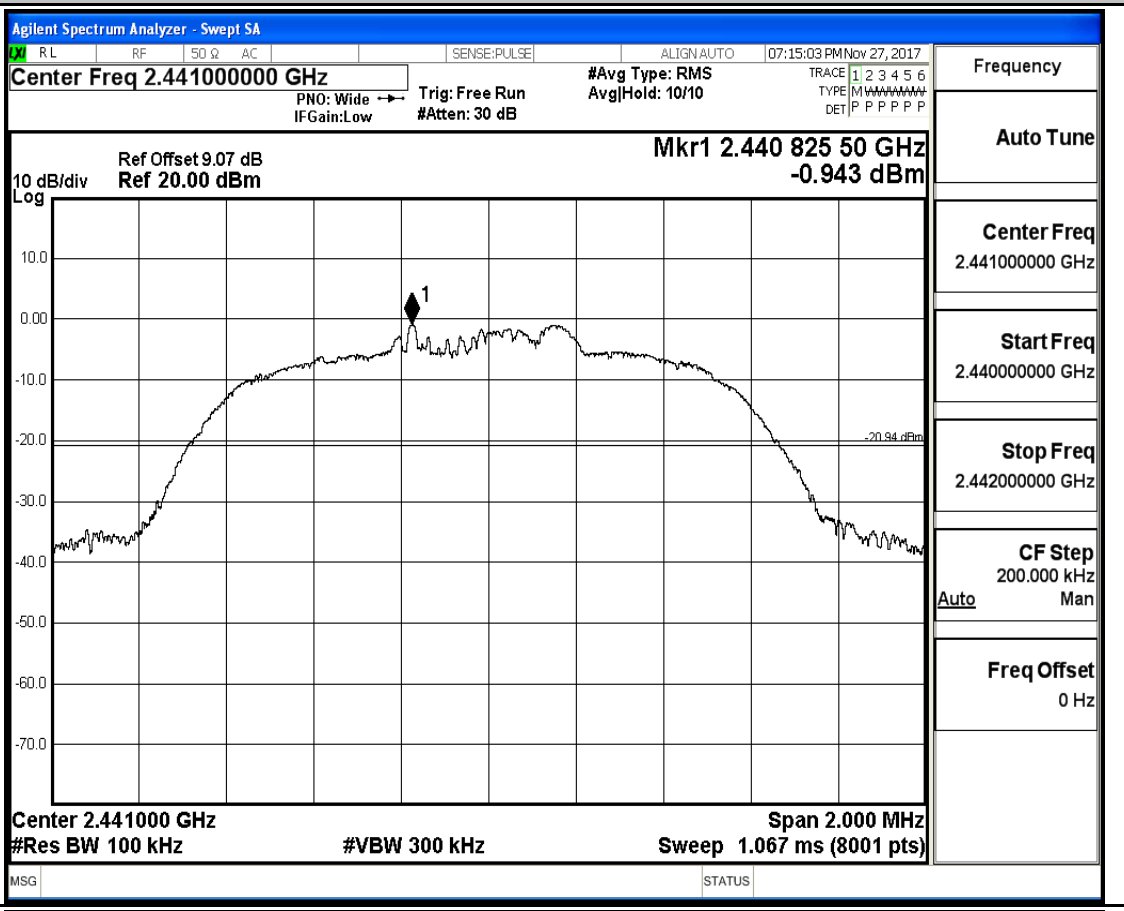


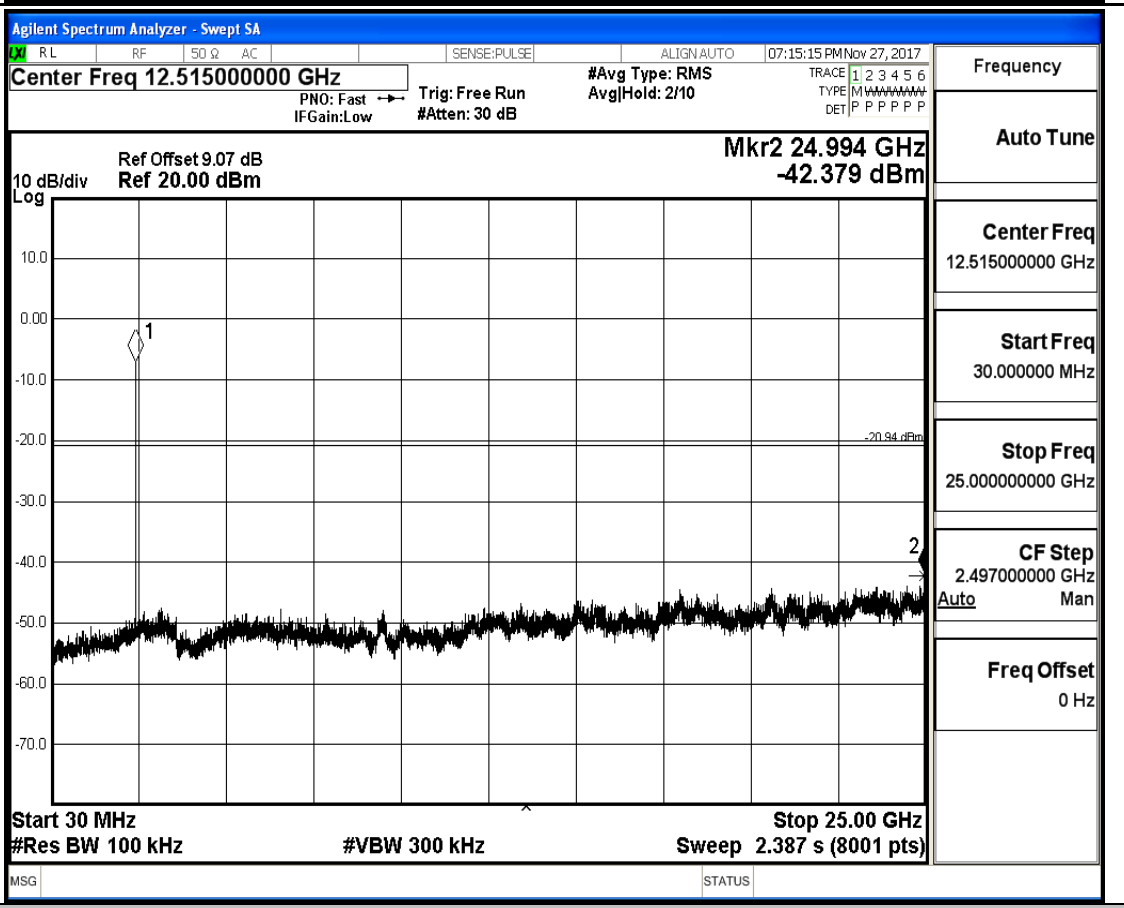
RF Conducted Spurious Emissions_π/4-DQPSK_2402



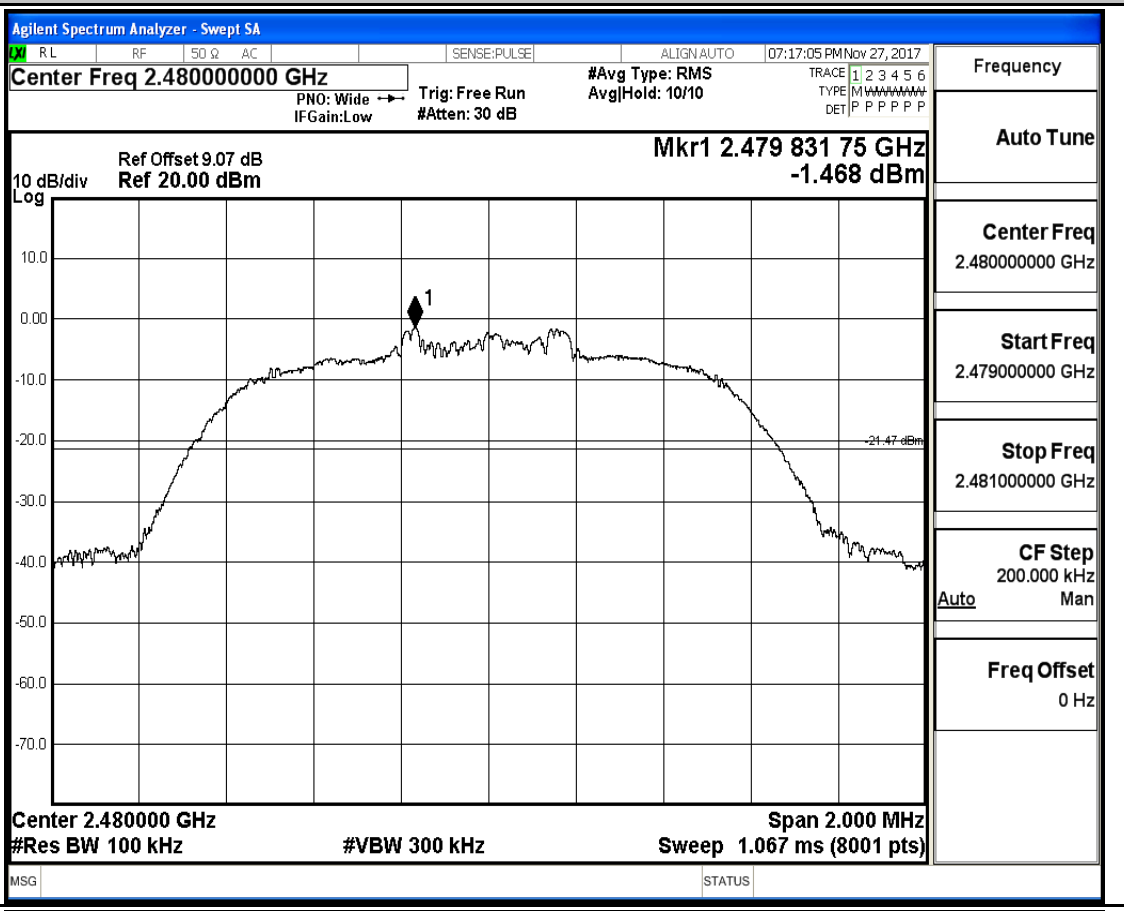


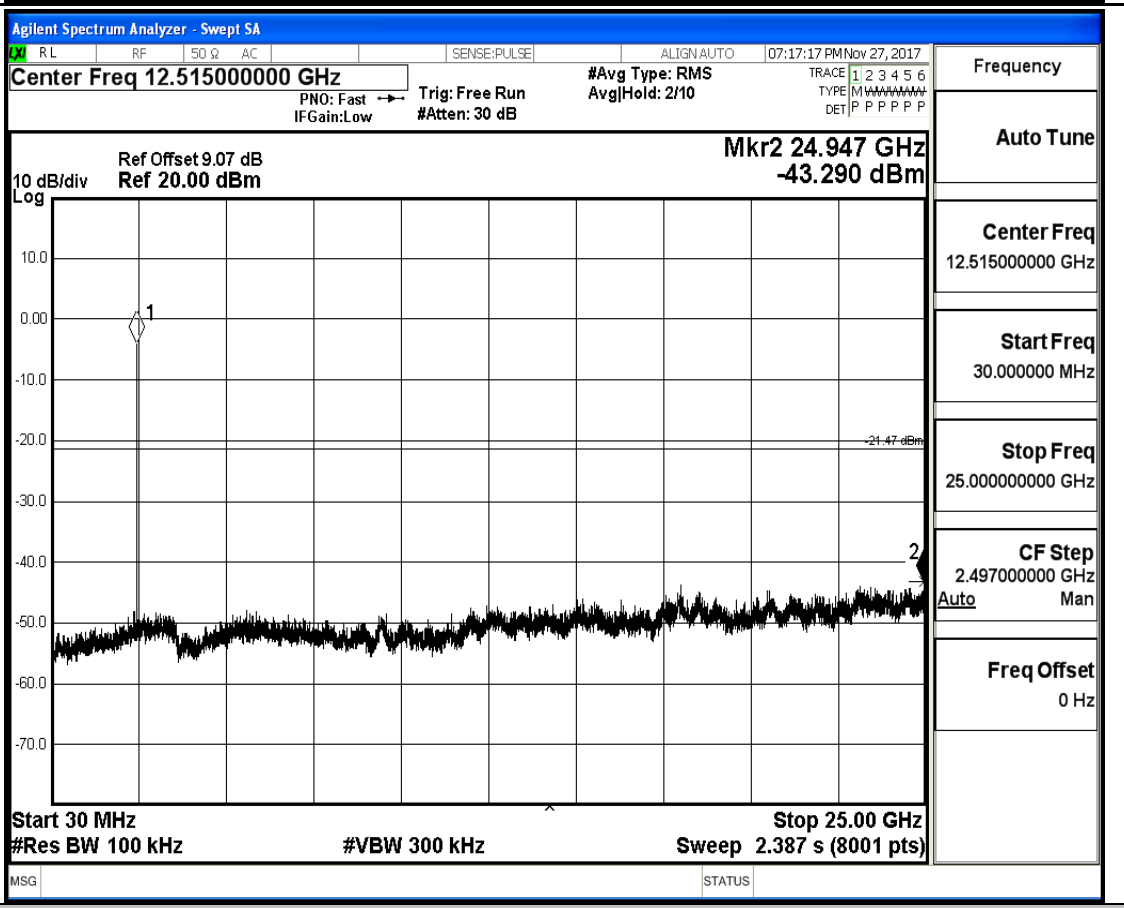
RF Conducted Spurious Emissions_π/4-DQPSK_2441



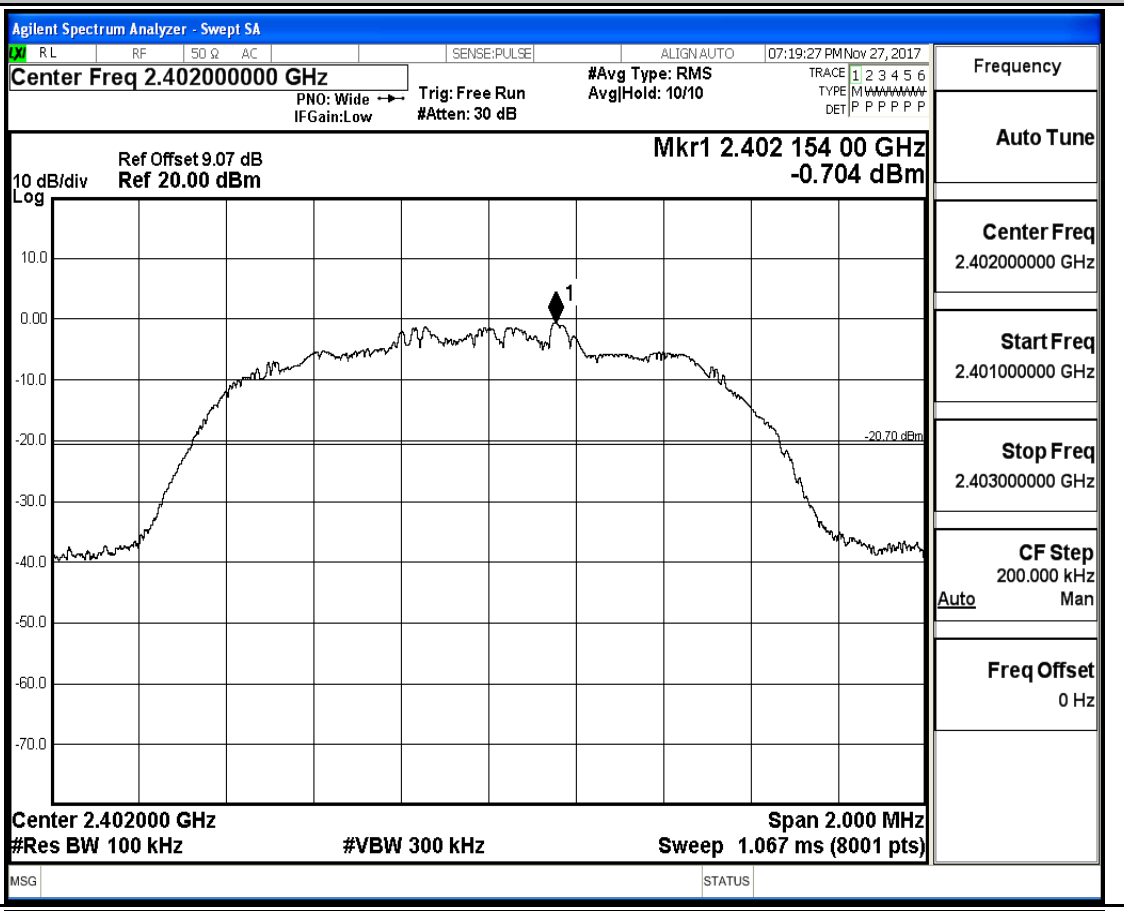


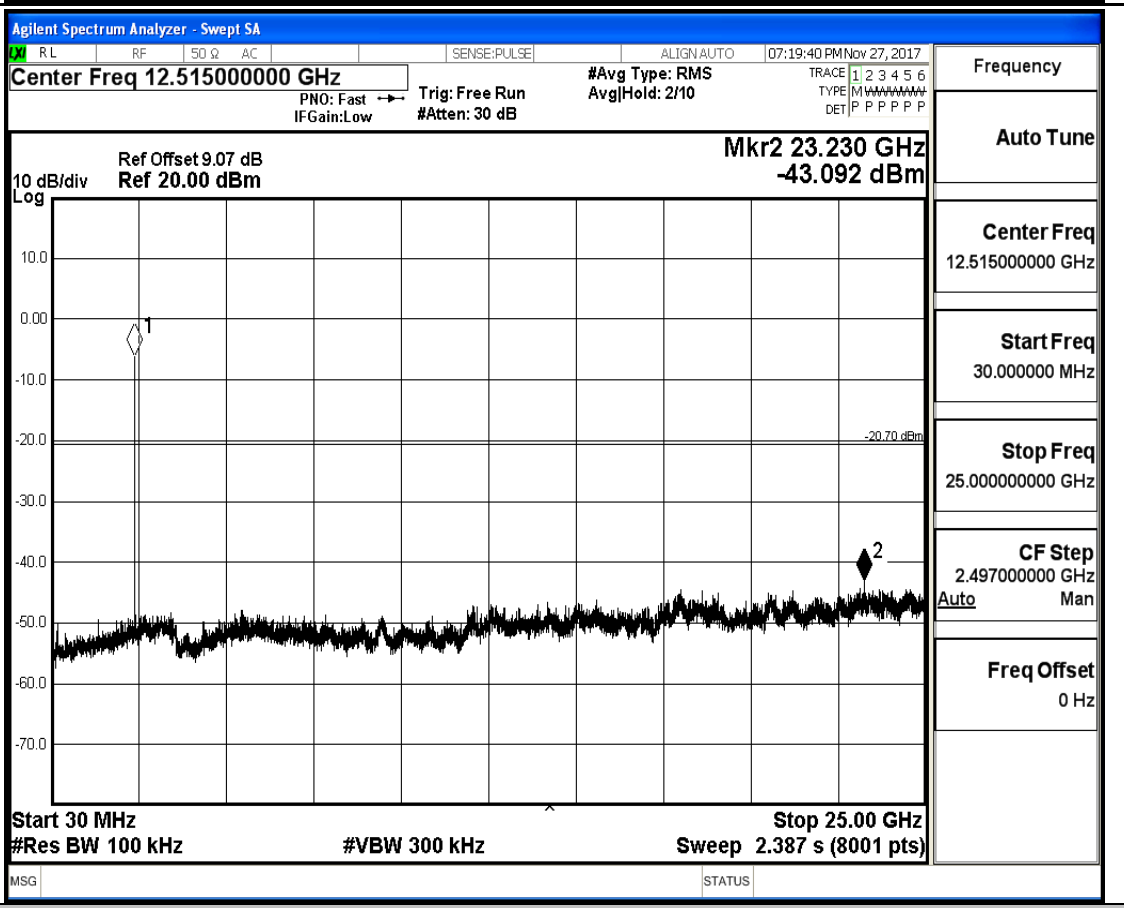
RF Conducted Spurious Emissions_π/4-DQPSK_2480



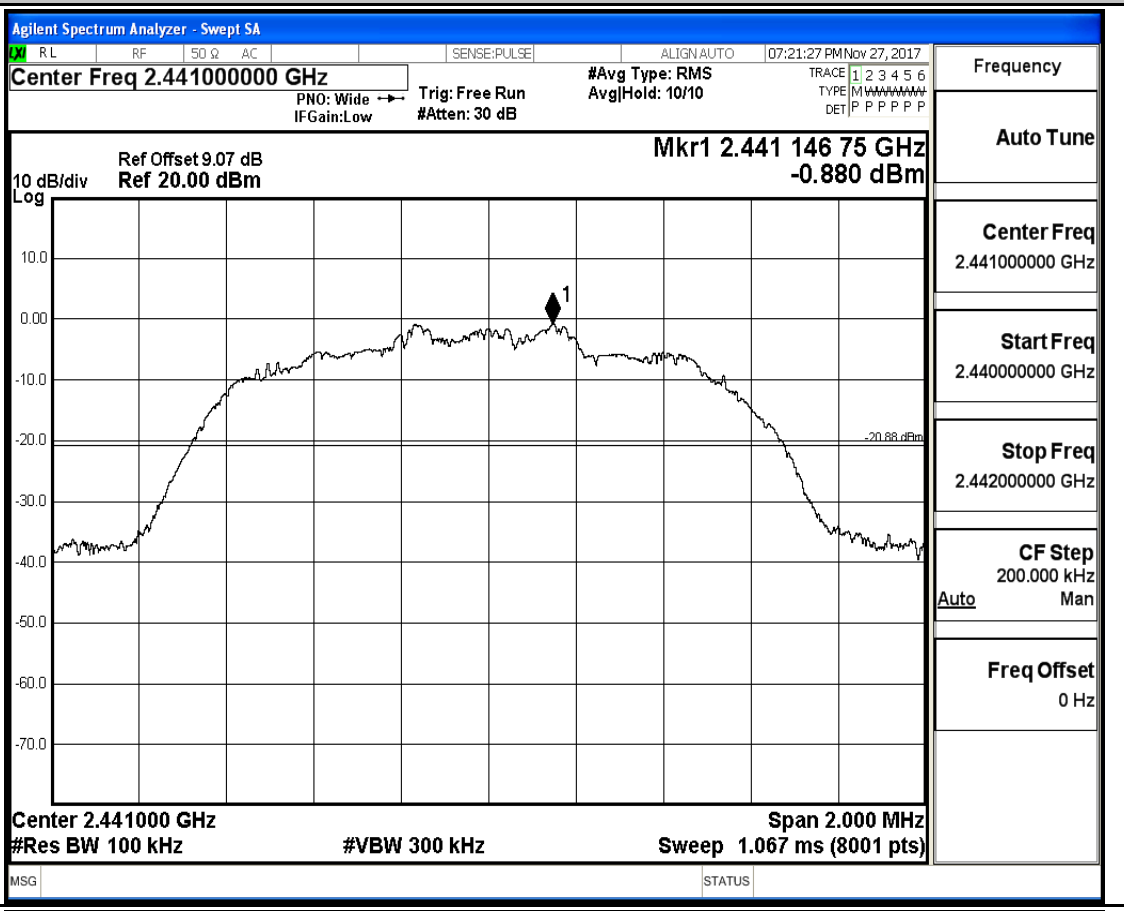


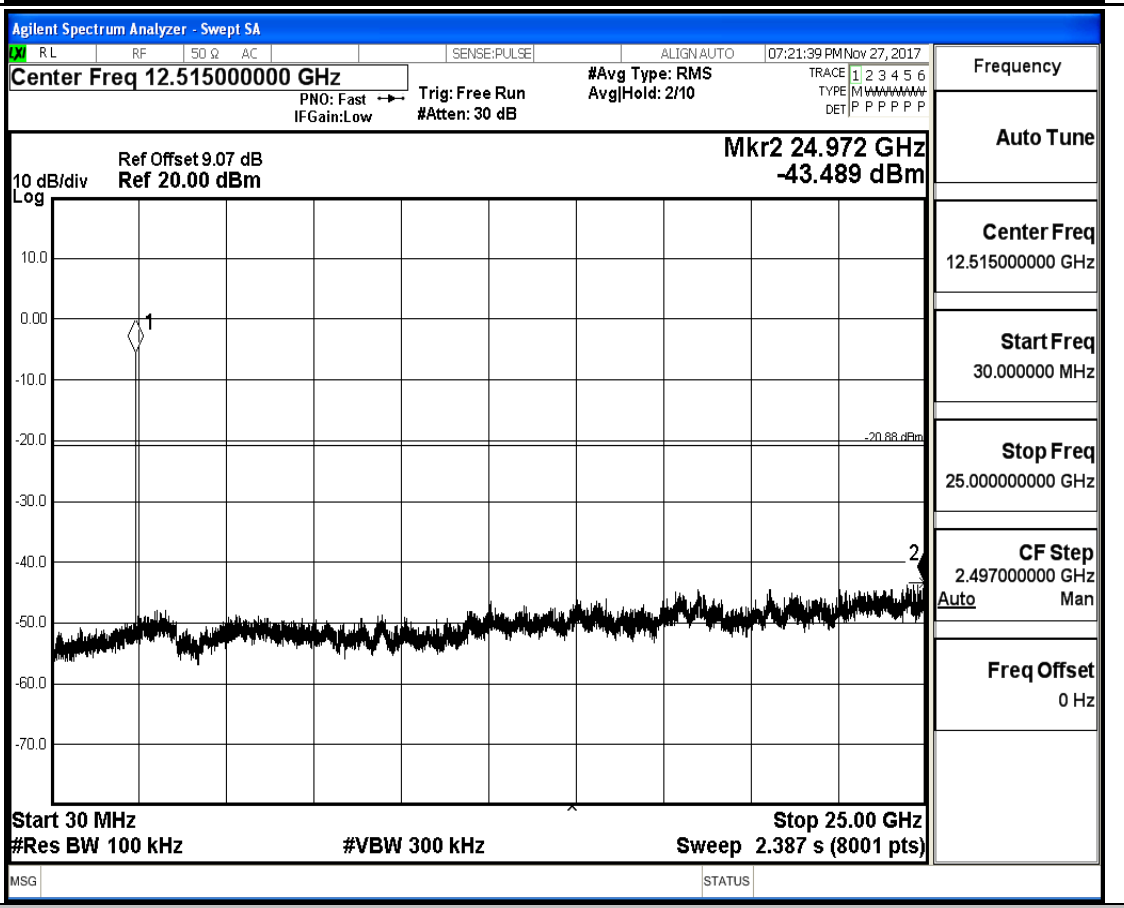
RF Conducted Spurious Emissions_8-DPSK_2402



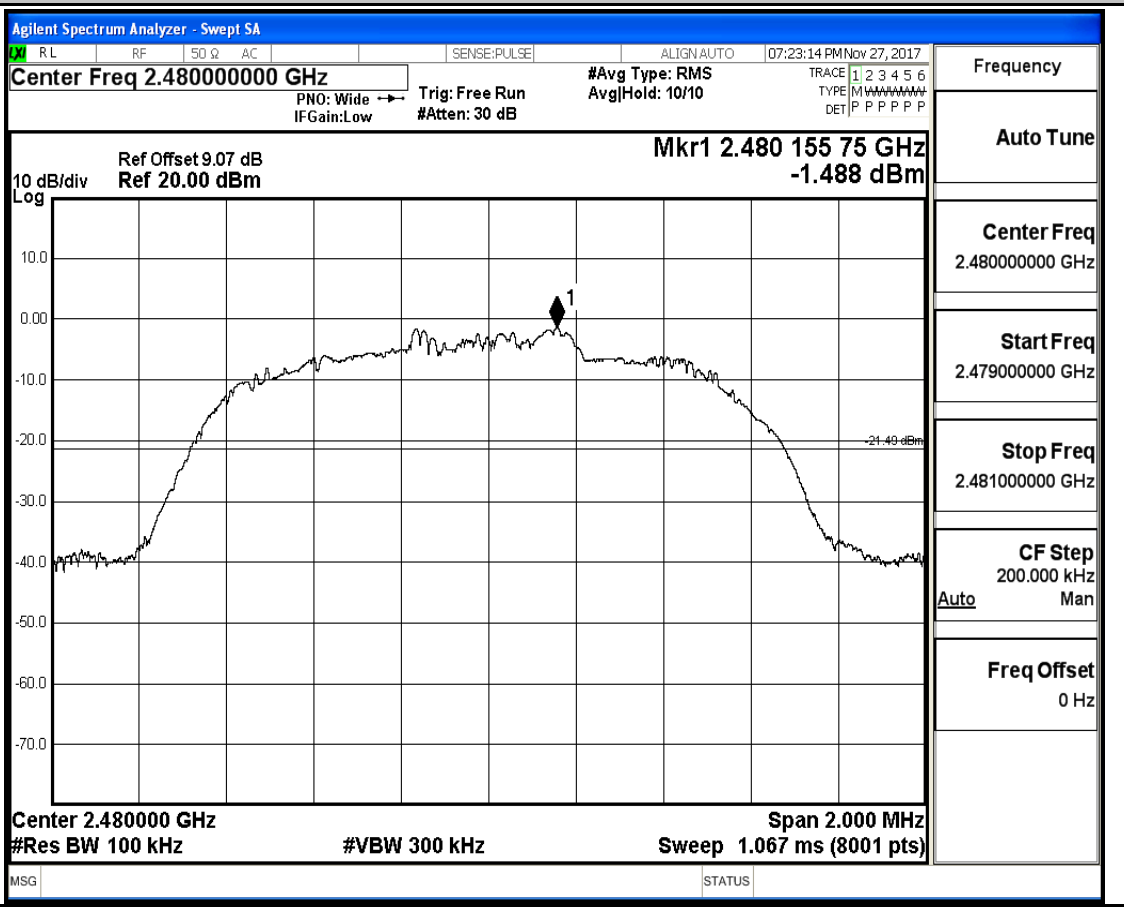


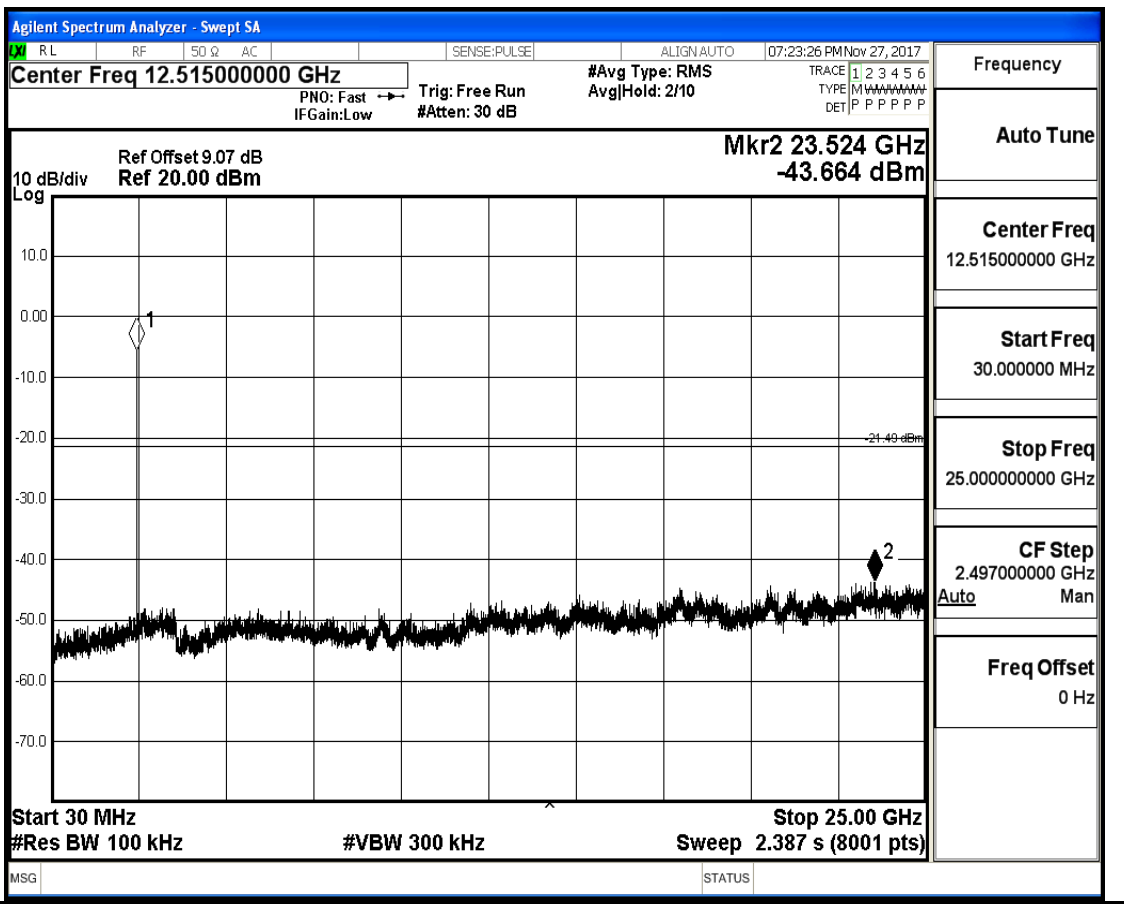
RF Conducted Spurious Emissions_8-DPSK_2441





RF Conducted Spurious Emissions_8-DPSK_2480

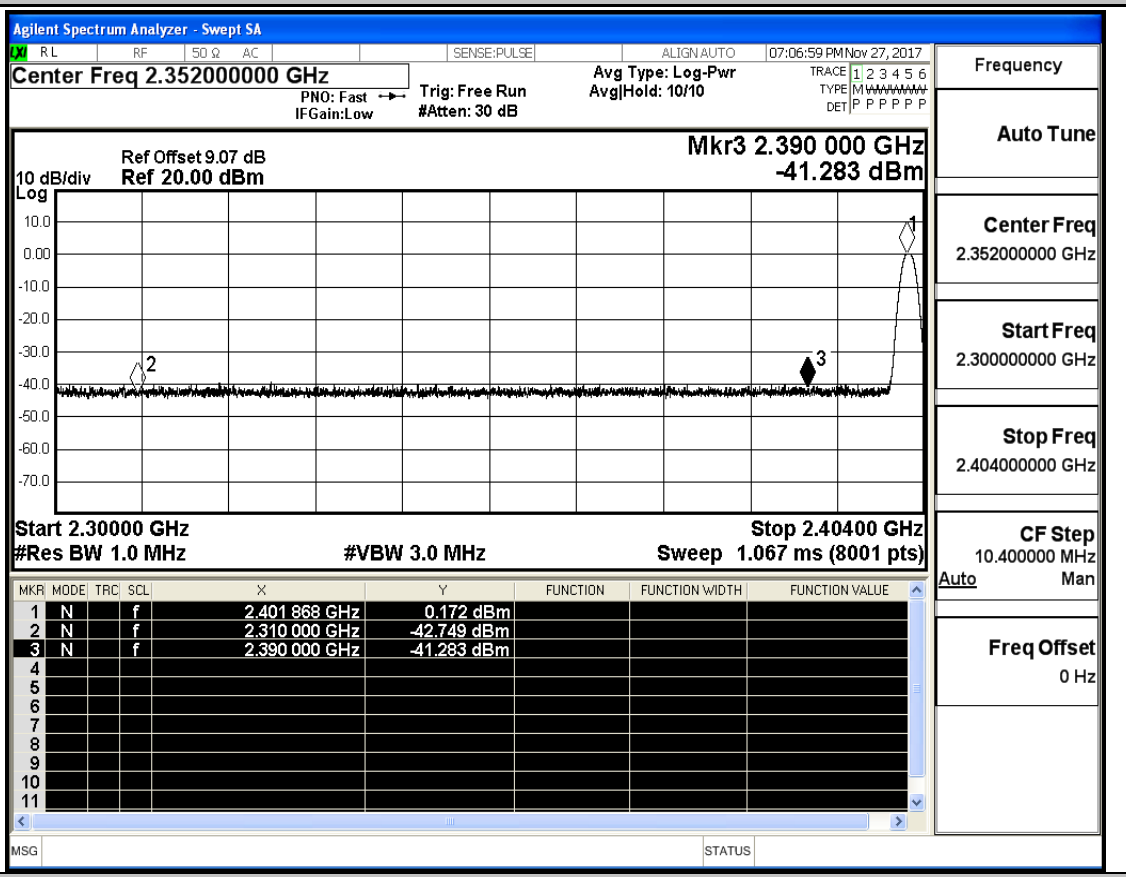




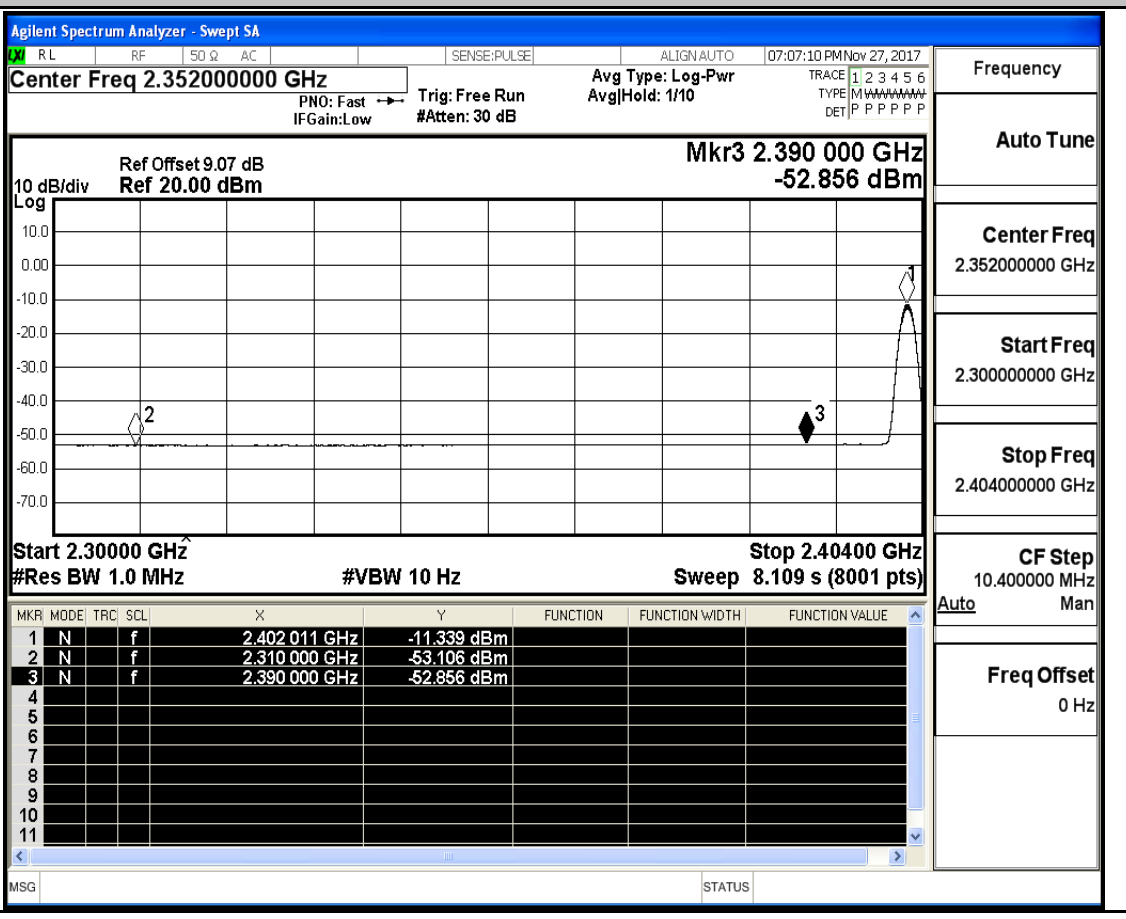
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-42.75	2.0	0	54.51	PEAK	74	PASS
	Off	2310.0	-53.11	2.0	0	44.15	AV	54	PASS
	Off	2390.0	-41.28	2.0	0	55.98	PEAK	74	PASS
	Off	2390.0	-52.86	2.0	0	44.40	AV	54	PASS
	Off	2483.5	-43.07	2.0	0	54.19	PEAK	74	PASS
	Off	2483.5	-52.63	2.0	0	44.63	AV	54	PASS
	Off	2500.0	-41.61	2.0	0	55.65	PEAK	74	PASS
	Off	2500.0	-52.51	2.0	0	44.75	AV	54	PASS
π/4-DQPSK	Off	2310.0	-41.34	2.0	0	55.92	PEAK	74	PASS
	Off	2310.0	-53.10	2.0	0	44.16	AV	54	PASS
	Off	2390.0	-41.37	2.0	0	55.89	PEAK	74	PASS
	Off	2390.0	-52.83	2.0	0	44.43	AV	54	PASS
	Off	2483.5	-41.77	2.0	0	55.49	PEAK	74	PASS
	Off	2483.5	-52.58	2.0	0	44.68	AV	54	PASS
	Off	2500.0	-42.42	2.0	0	54.84	PEAK	74	PASS
	Off	2500.0	-52.50	2.0	0	44.76	AV	54	PASS
8-DPSK	Off	2310.0	-41.99	2.0	0	55.27	PEAK	74	PASS
	Off	2310.0	-53.10	2.0	0	44.16	AV	54	PASS
	Off	2390.0	-41.25	2.0	0	56.01	PEAK	74	PASS
	Off	2390.0	-52.88	2.0	0	44.38	AV	54	PASS
	Off	2483.5	-41.98	2.0	0	55.28	PEAK	74	PASS
	Off	2483.5	-52.53	2.0	0	44.73	AV	54	PASS
	Off	2500.0	-40.89	2.0	0	56.37	PEAK	74	PASS
	Off	2500.0	-52.48	2.0	0	44.78	AV	54	PASS

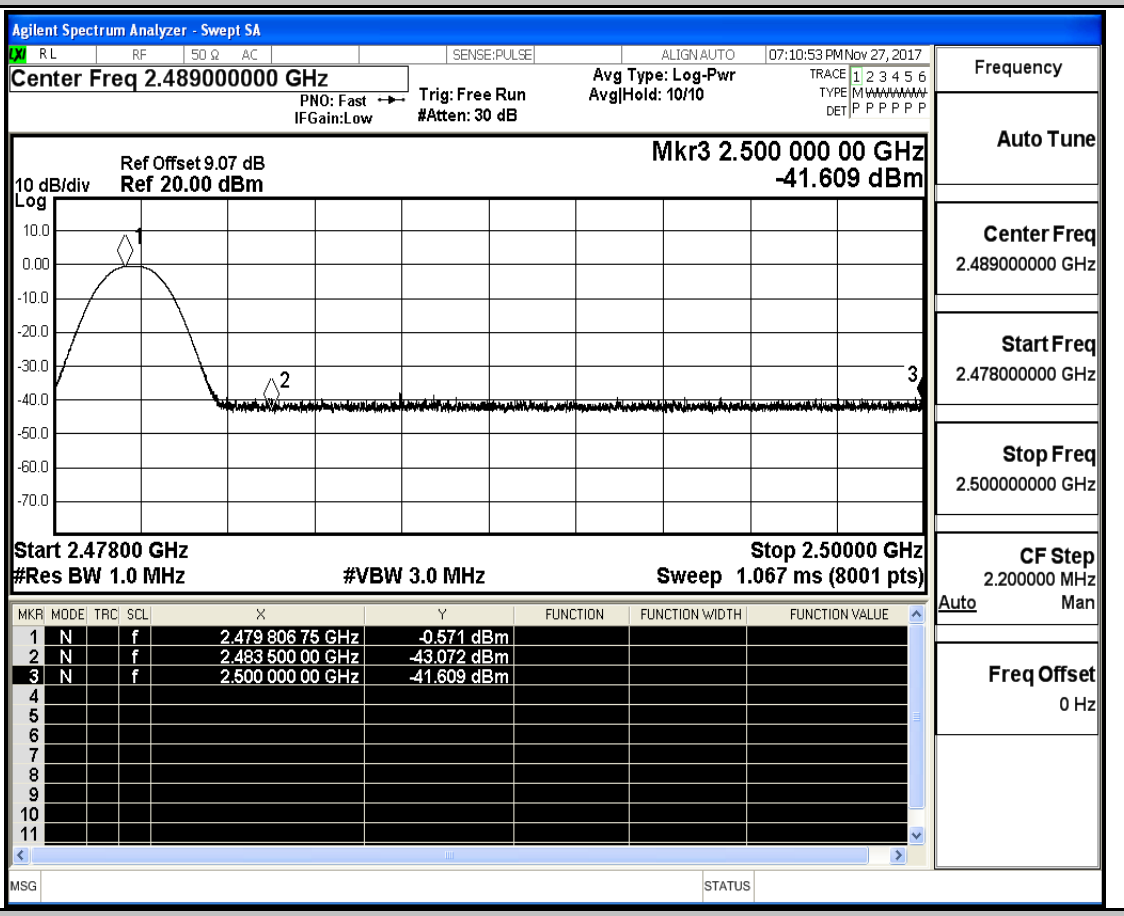
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK



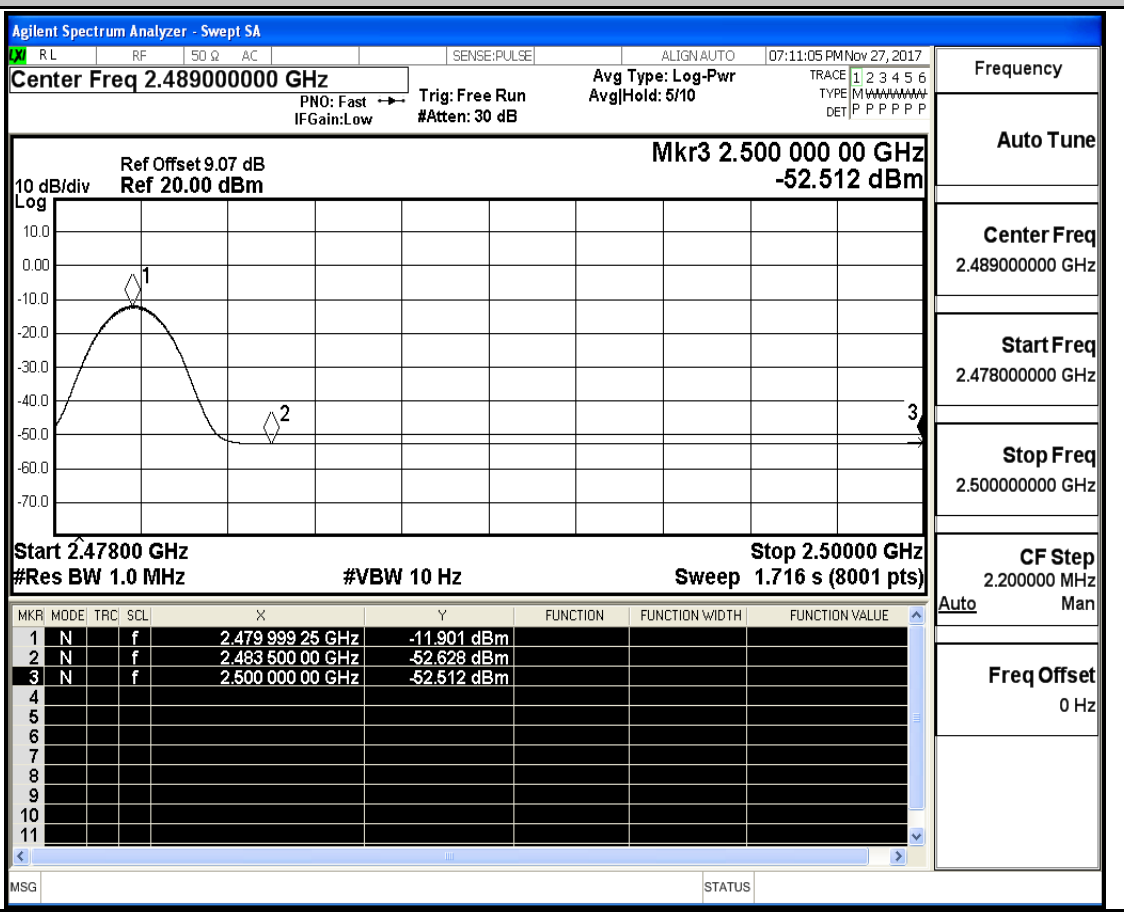
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average



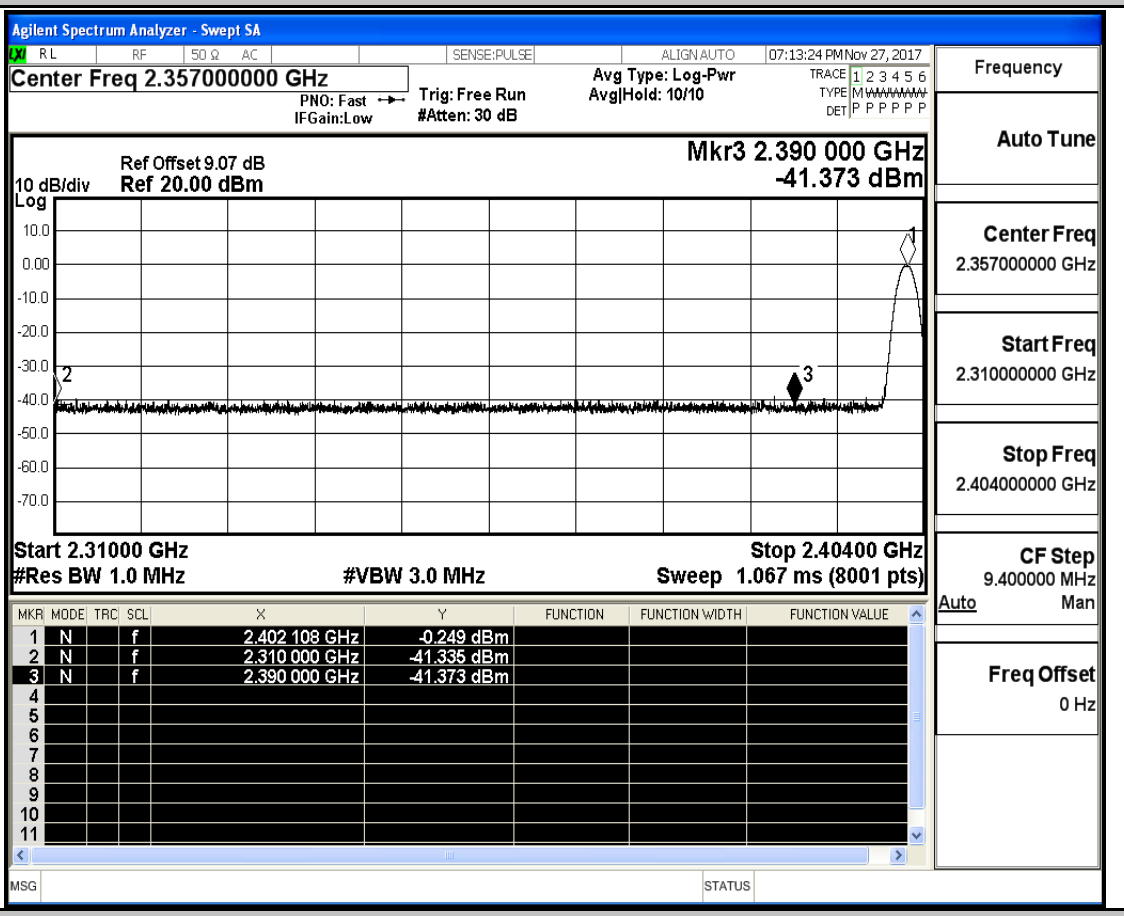
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK



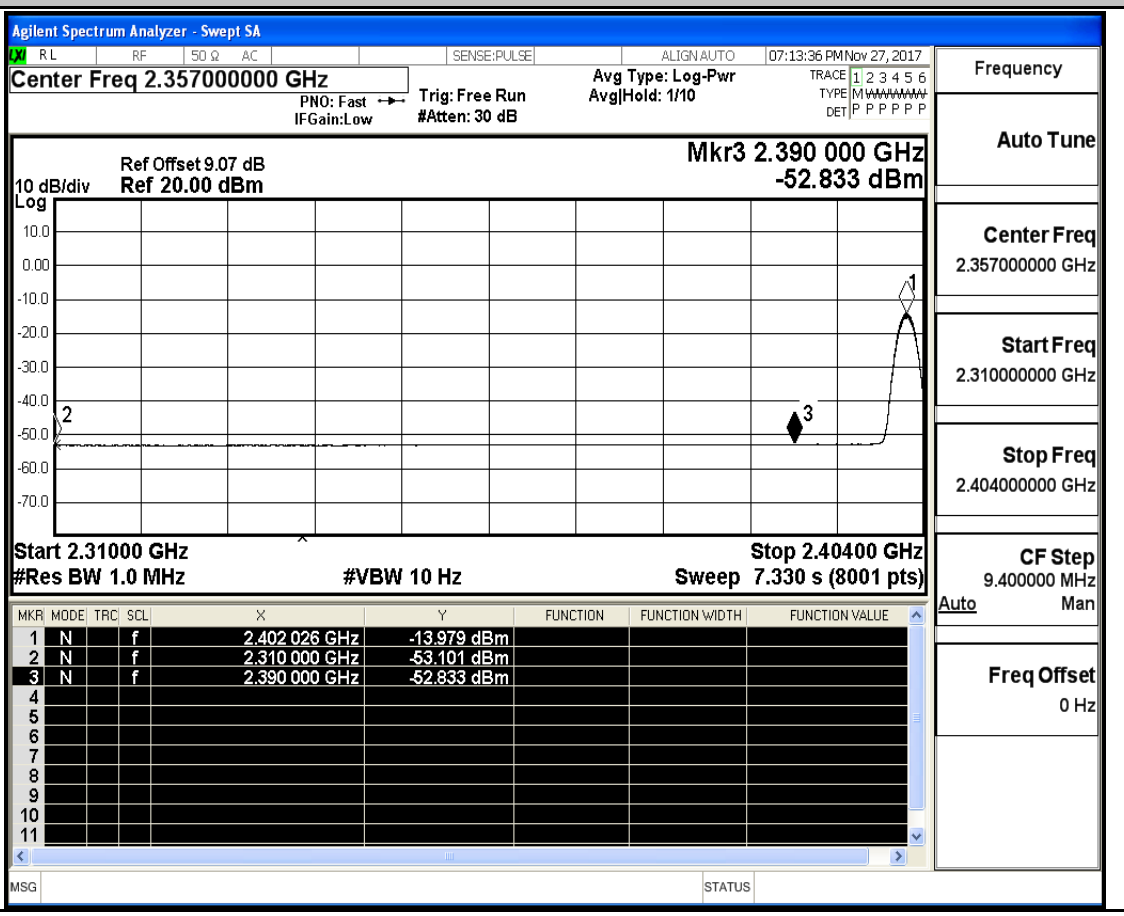
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average



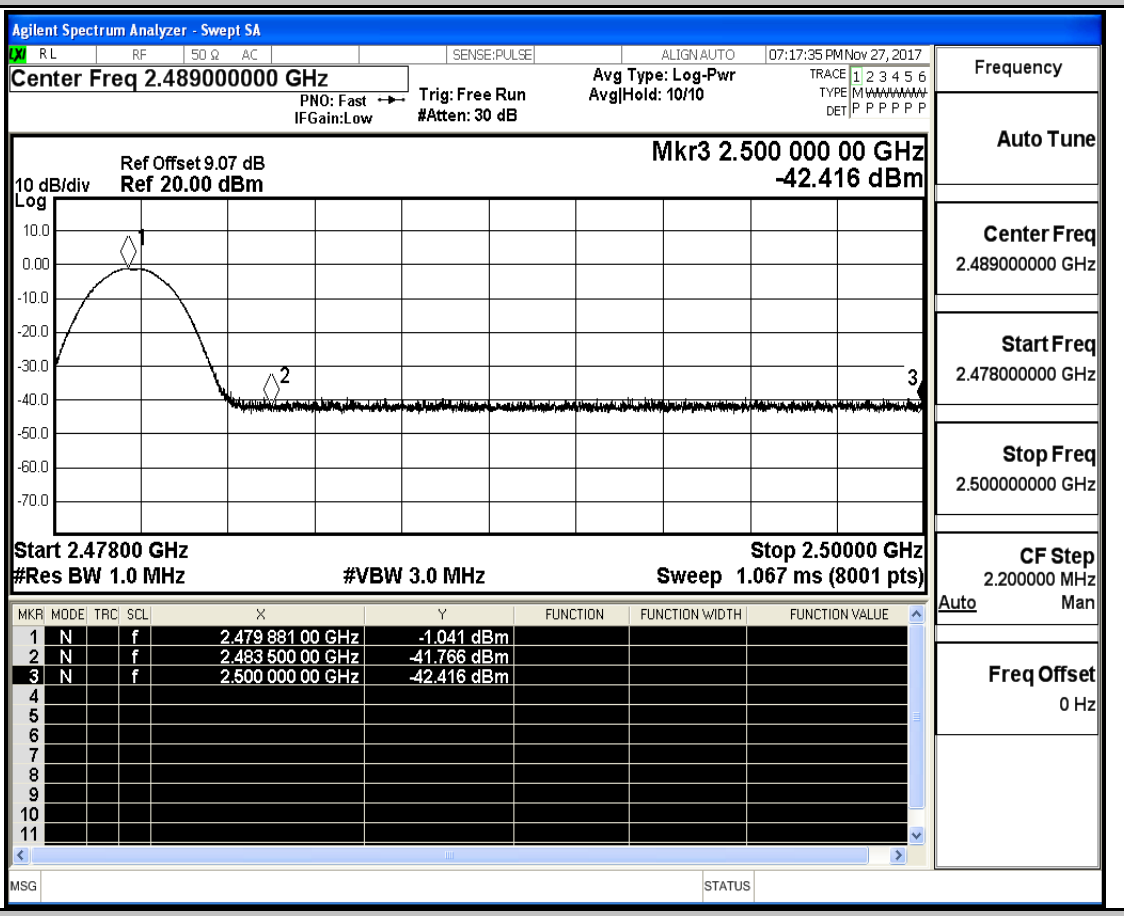
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK



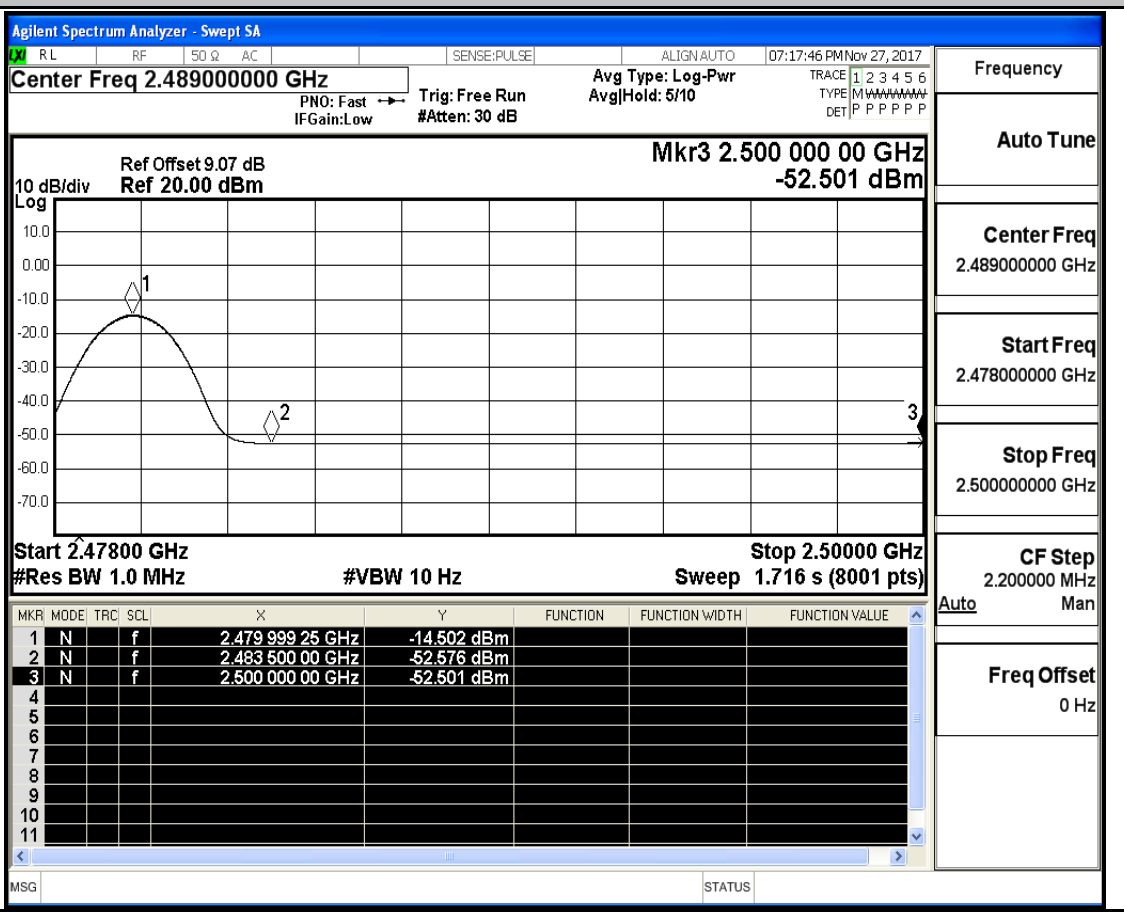
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average



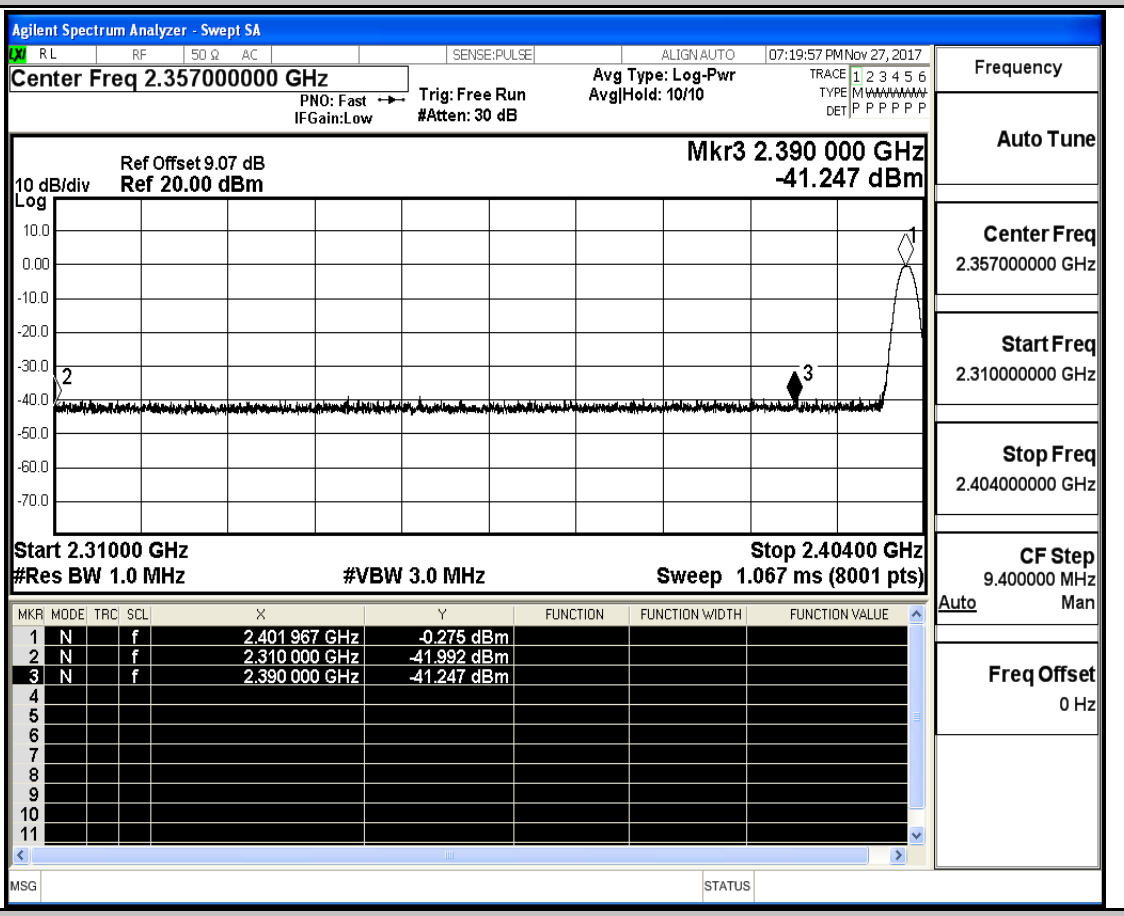
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK



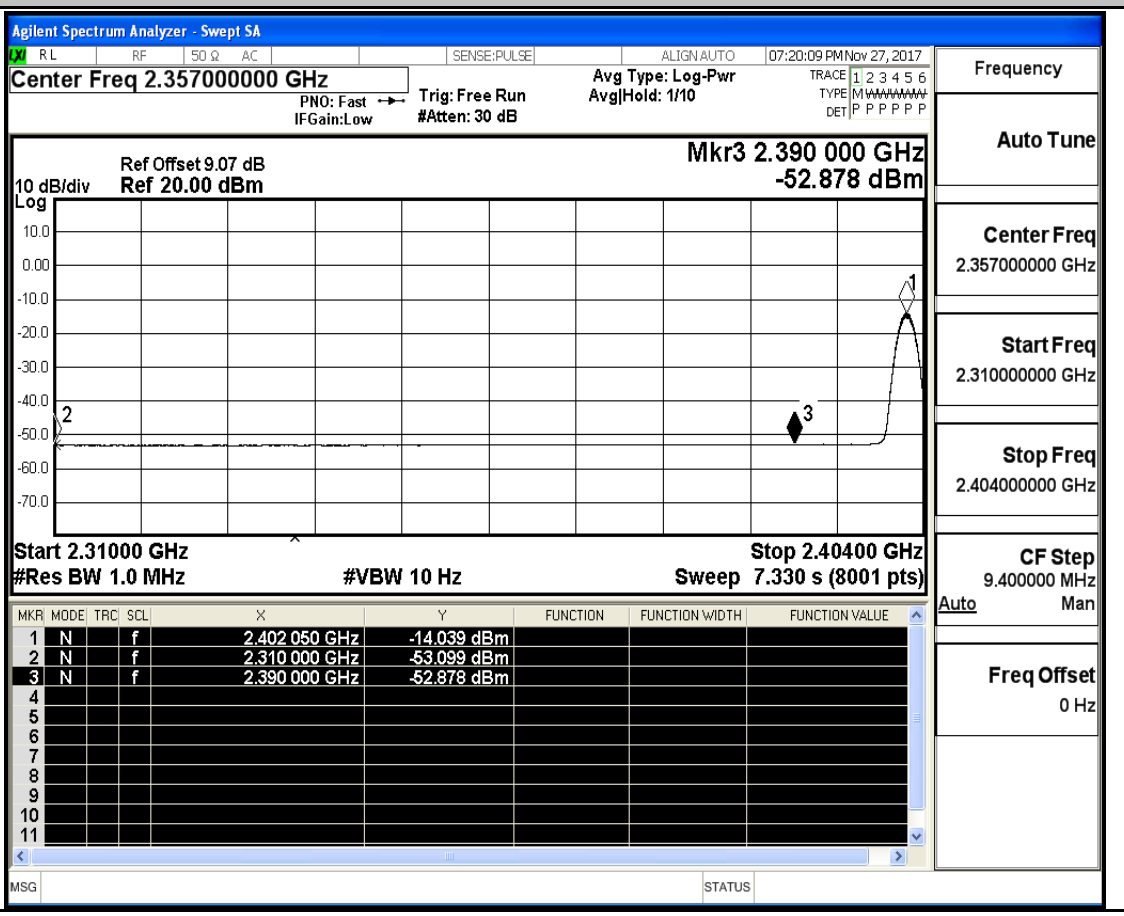
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average



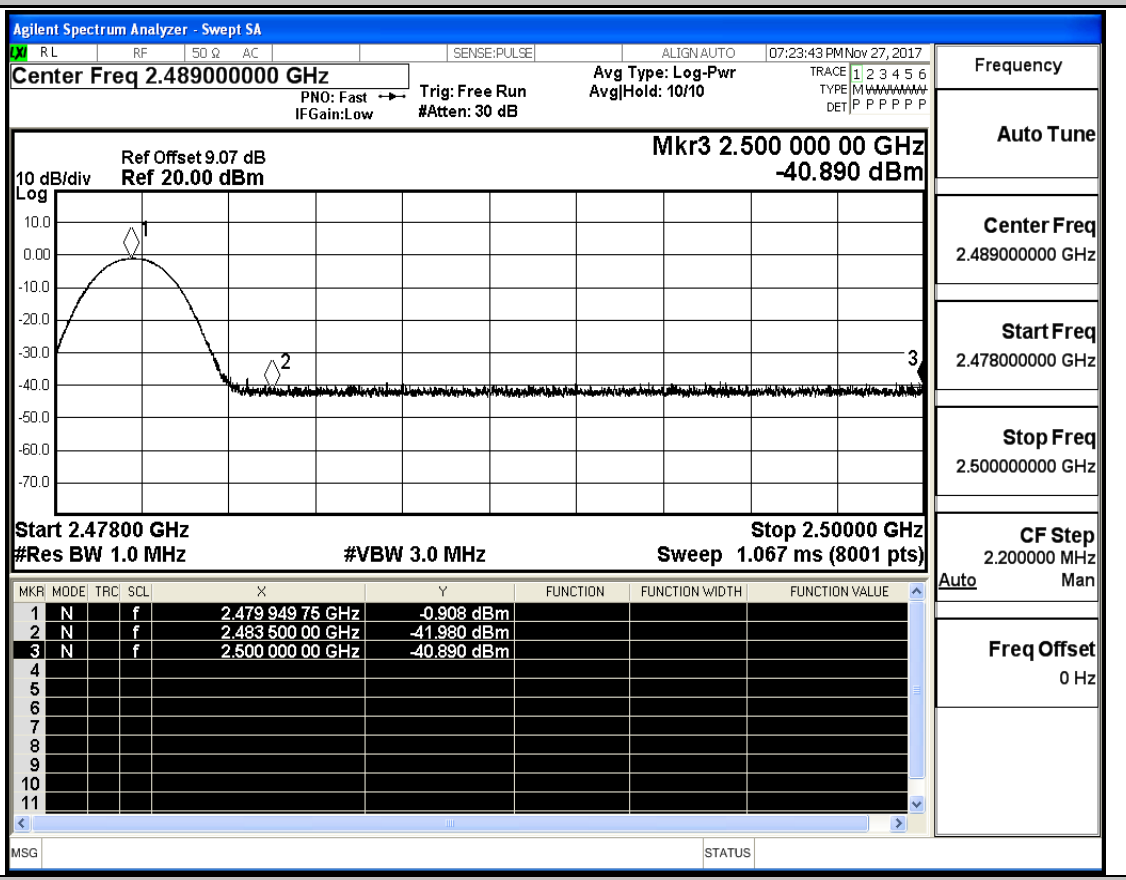
Restrict-band band-edge measurements_Hopping Off_8-DPSK_PEAK



Restrict-band band-edge measurements_Hopping Off_8-DPSK_Average



Restrict-band band-edge measurements_Hopping Off_8-DPSK_PEAK



Restrict-band band-edge measurements_Hopping Off_8-DPSK_Average