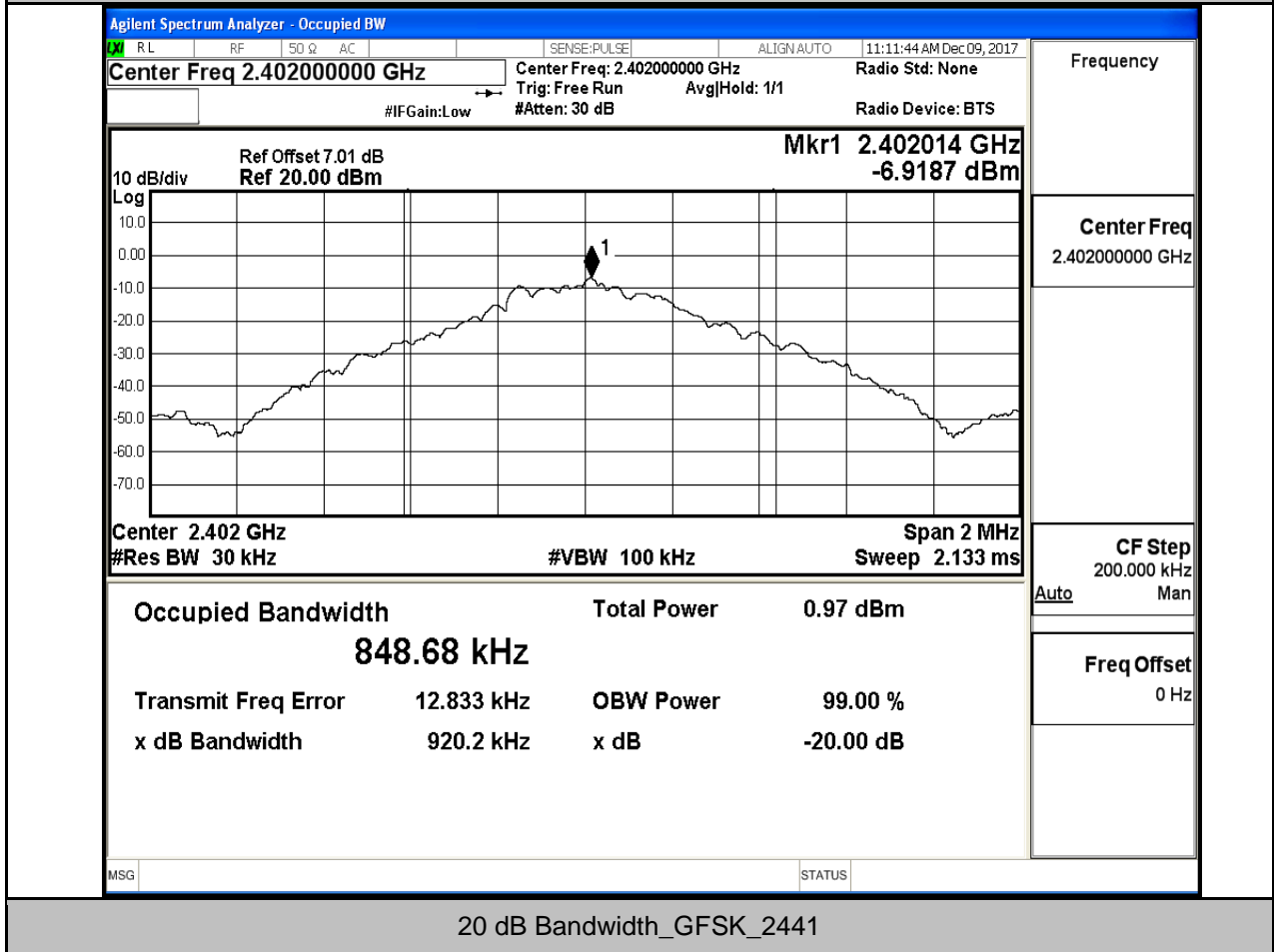
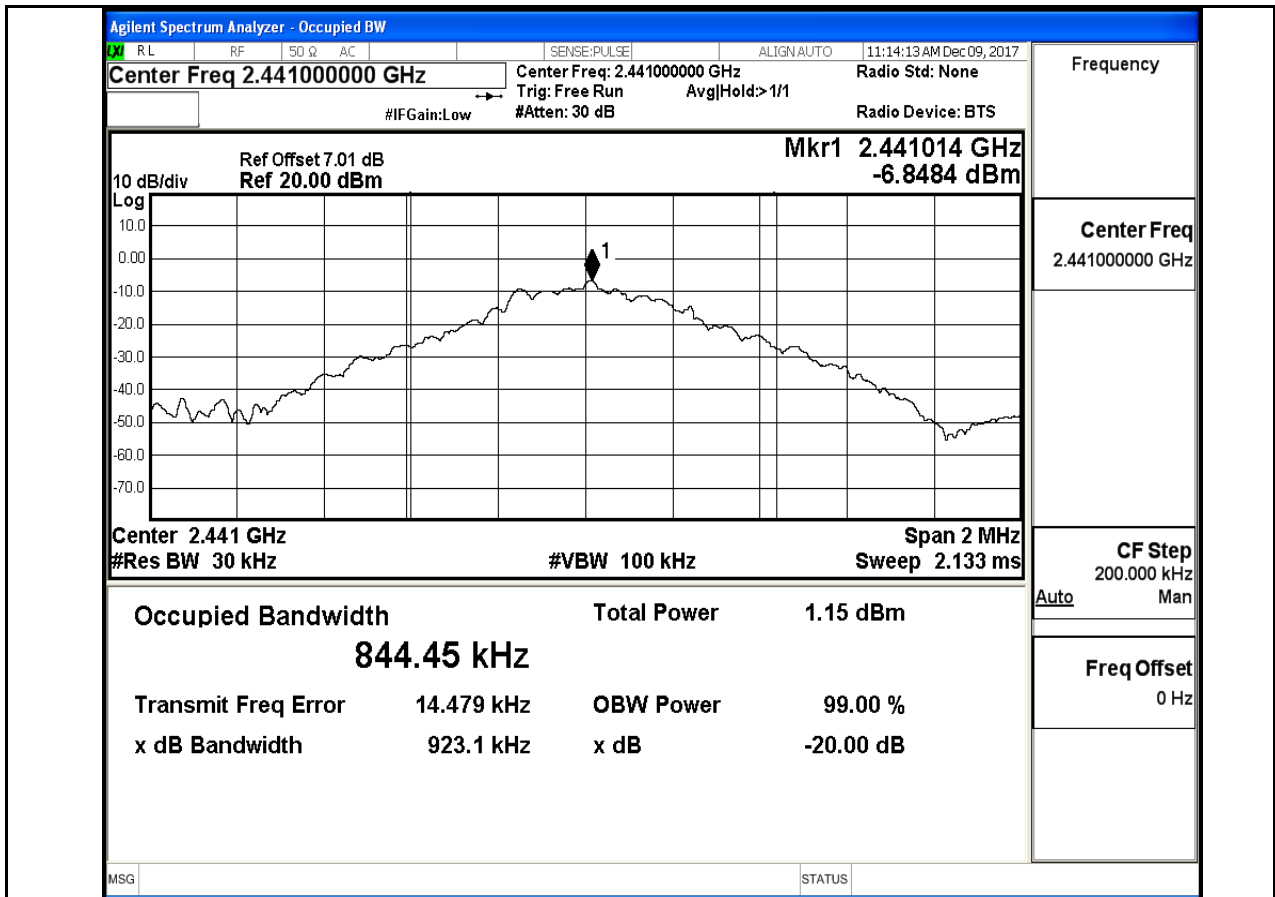


1.20 dB Bandwidth

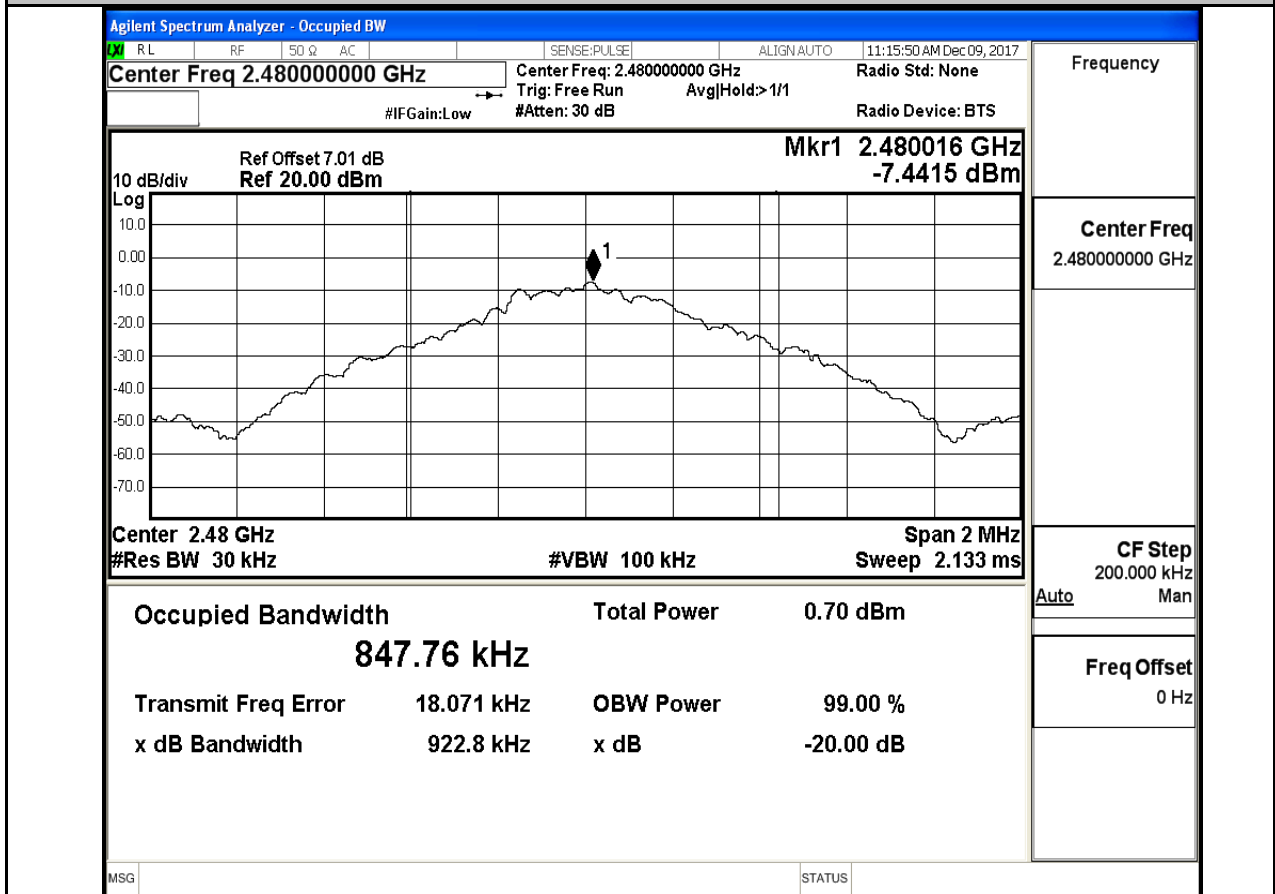
Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
GFSK	2402	0.9202	---	PASS
	2441	0.9231	---	PASS
	2480	0.9228	---	PASS
π /4DQPSK	2402	1.231	---	PASS
	2441	1.240	---	PASS
	2480	1.271	---	PASS

20 dB Bandwidth_GFSK_2402

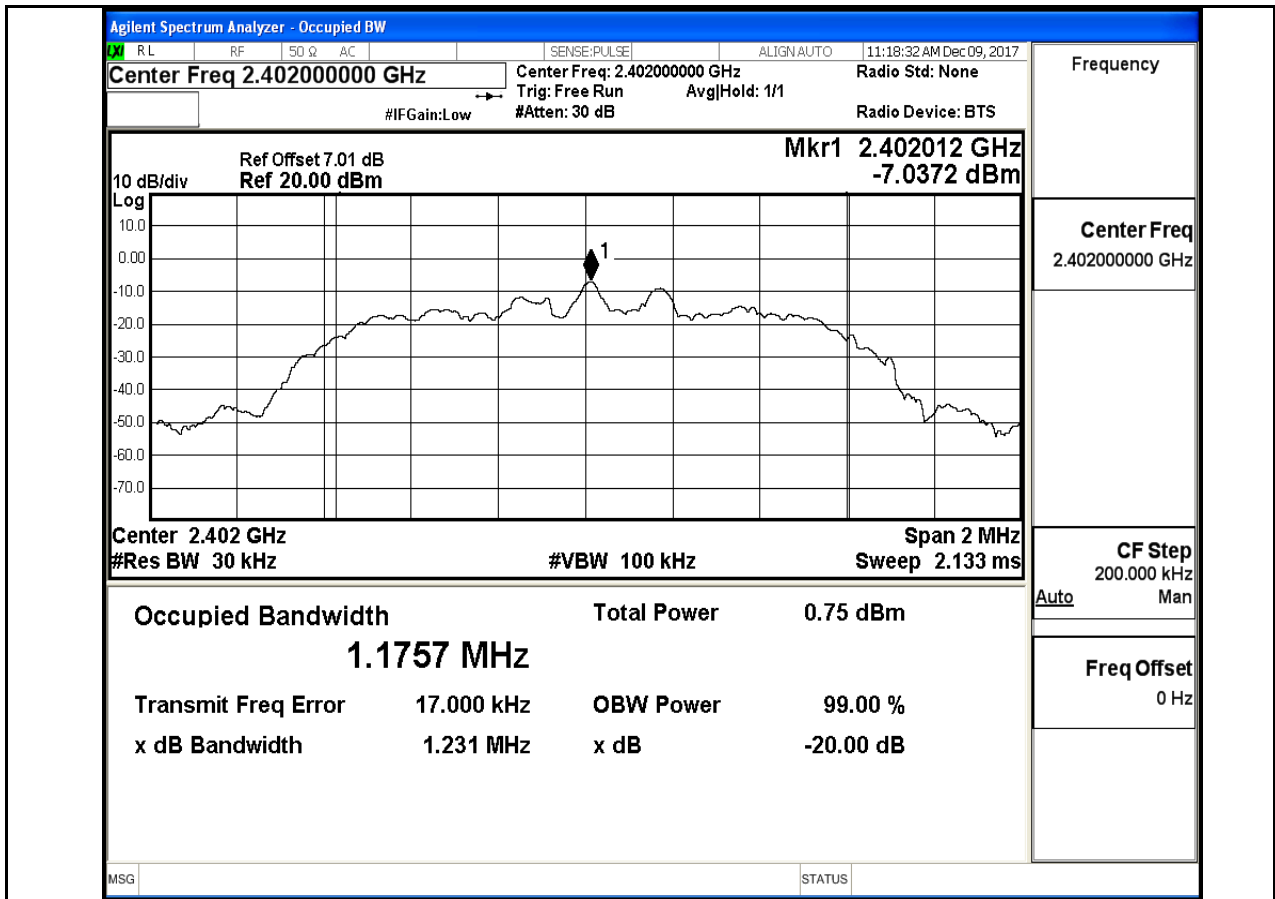




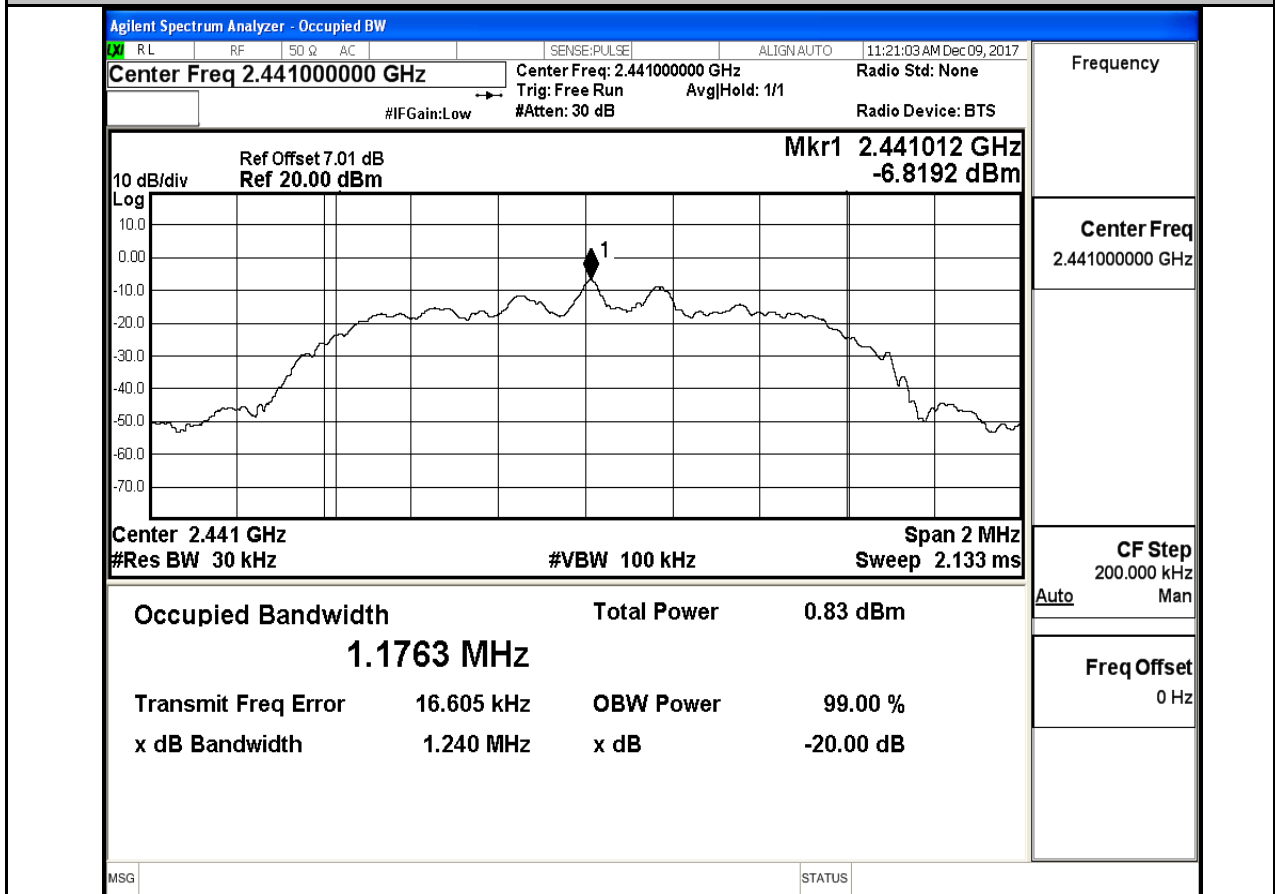
20 dB Bandwidth_GFSK_2480



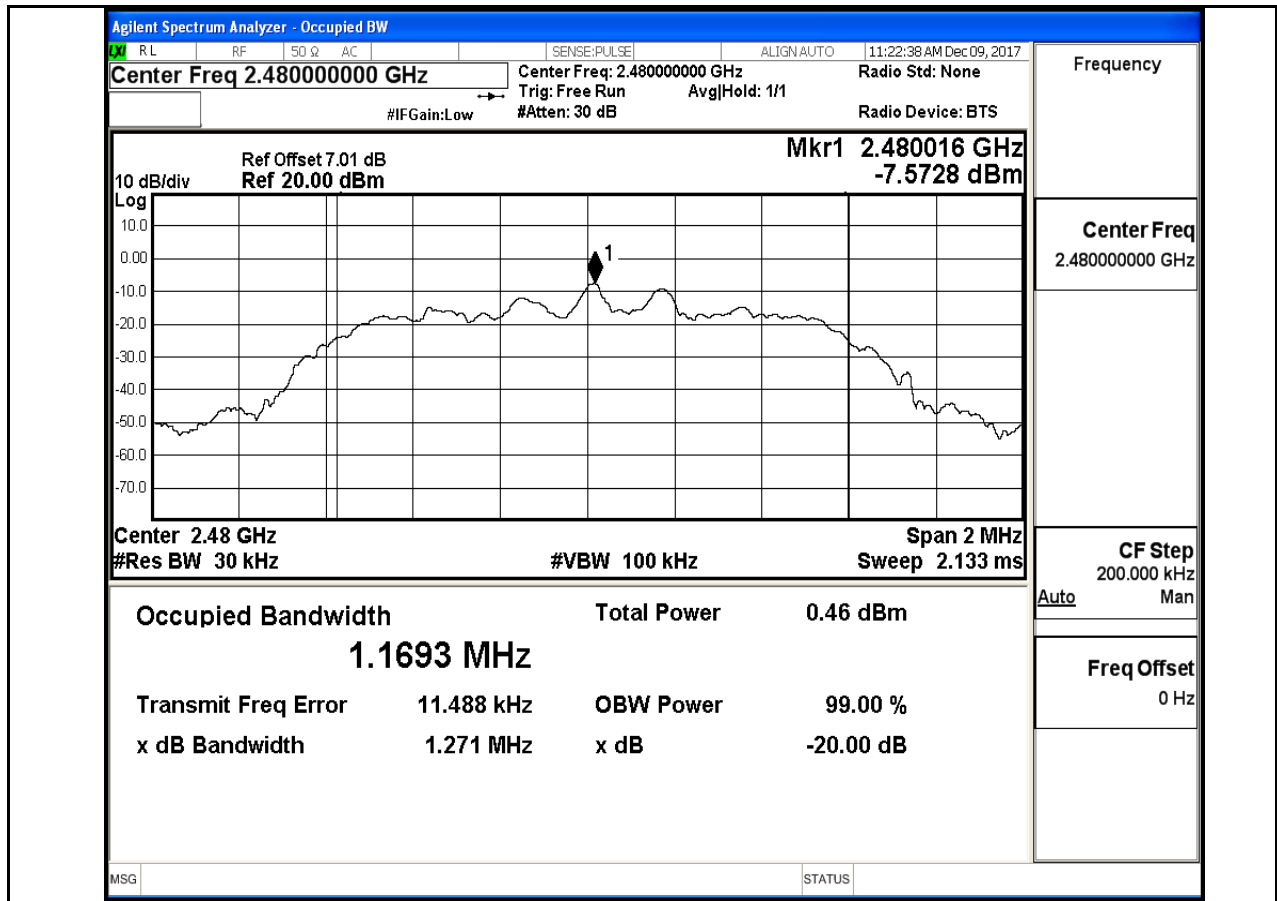
20 dB Bandwidth_π/4DQPSK_2402



20 dB Bandwidth_π/4DQPSK_2441



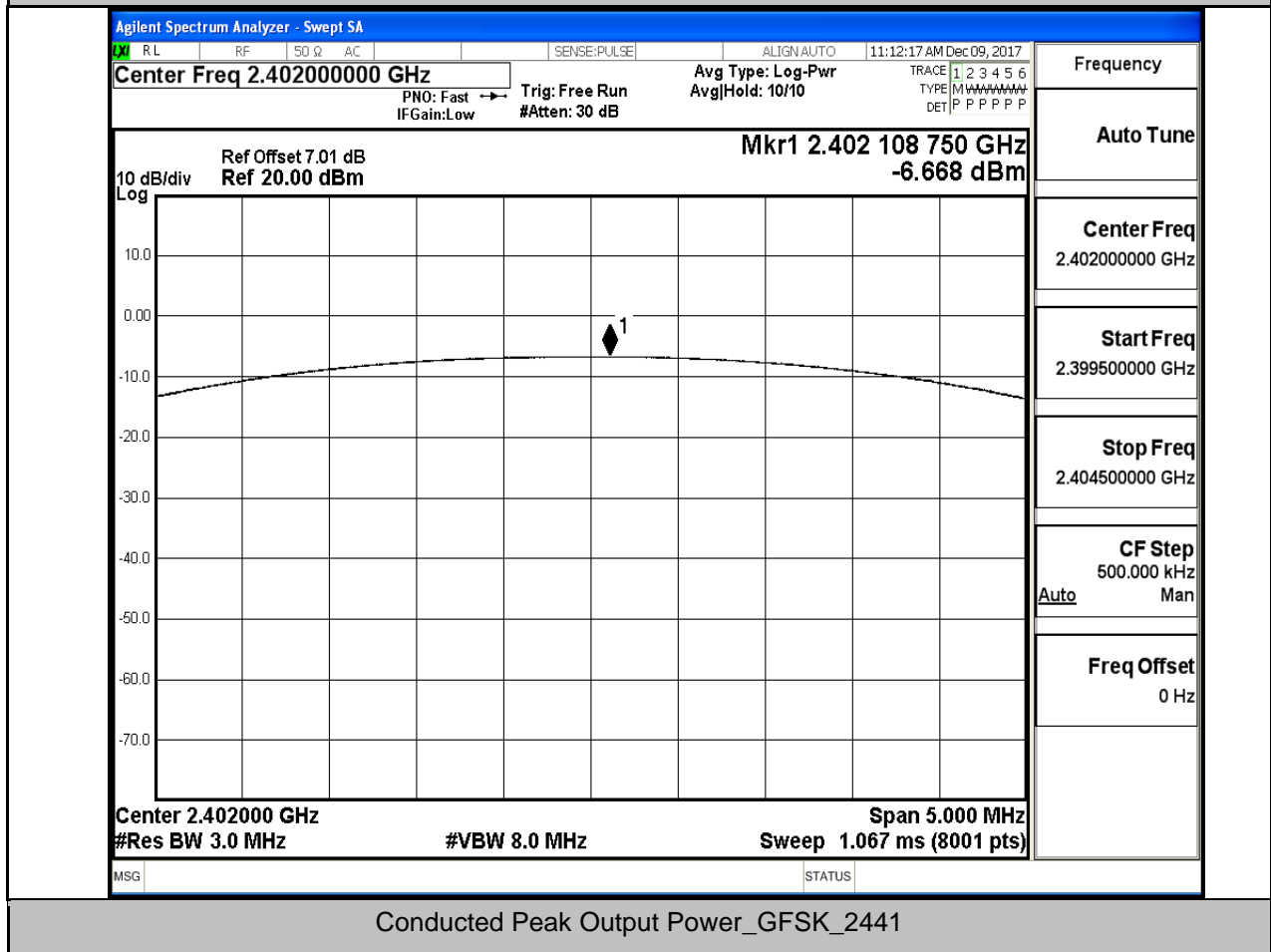
20 dB Bandwidth_π/4DQPSK_2480



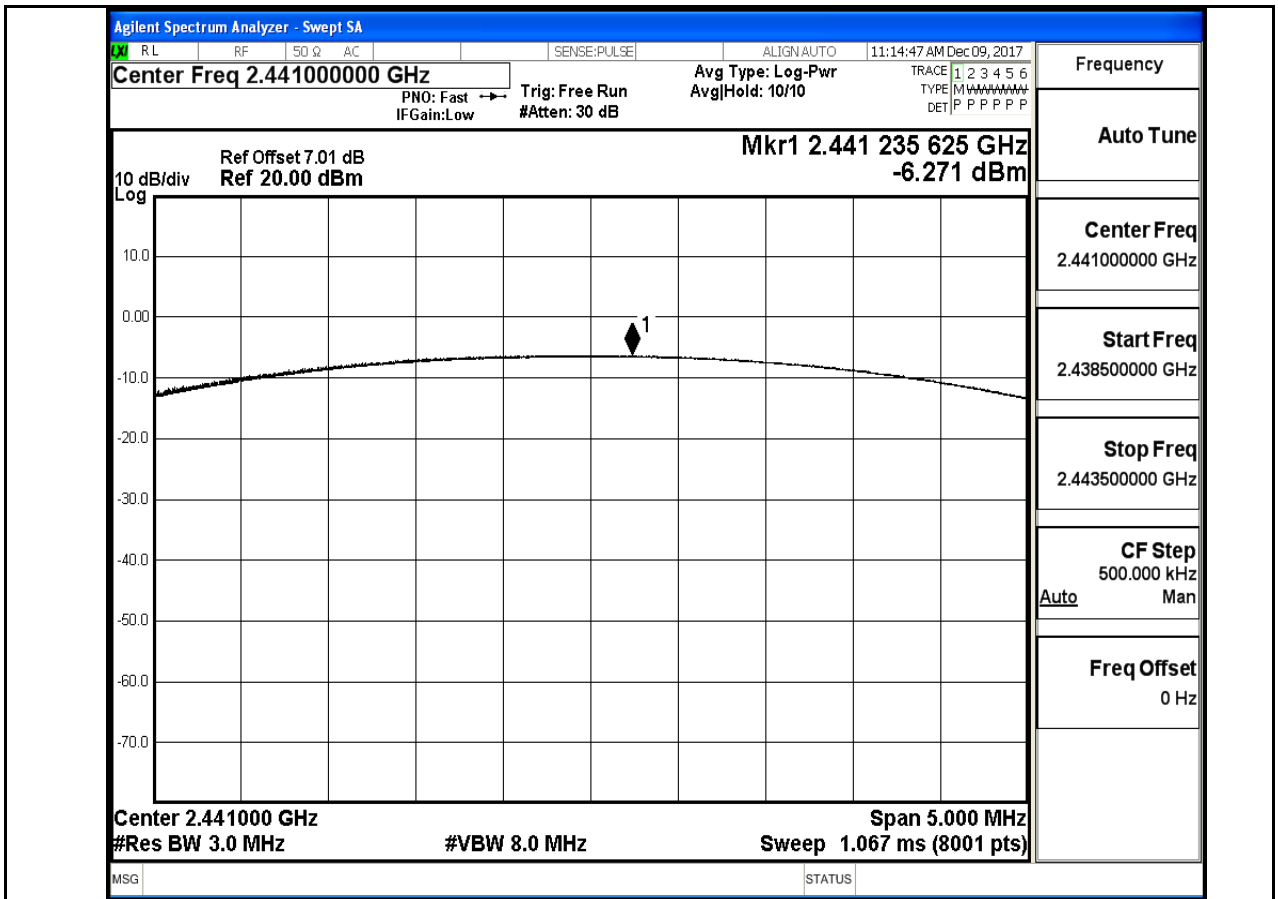
3. Conducted Peak Output Power

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
GFSK	2402	-6.668	30	PASS
	2441	-6.271	30	PASS
	2480	-6.803	30	PASS
π /4DQPSK	2402	-5.472	21	PASS
	2441	-5.274	21	PASS
	2480	-5.693	21	PASS

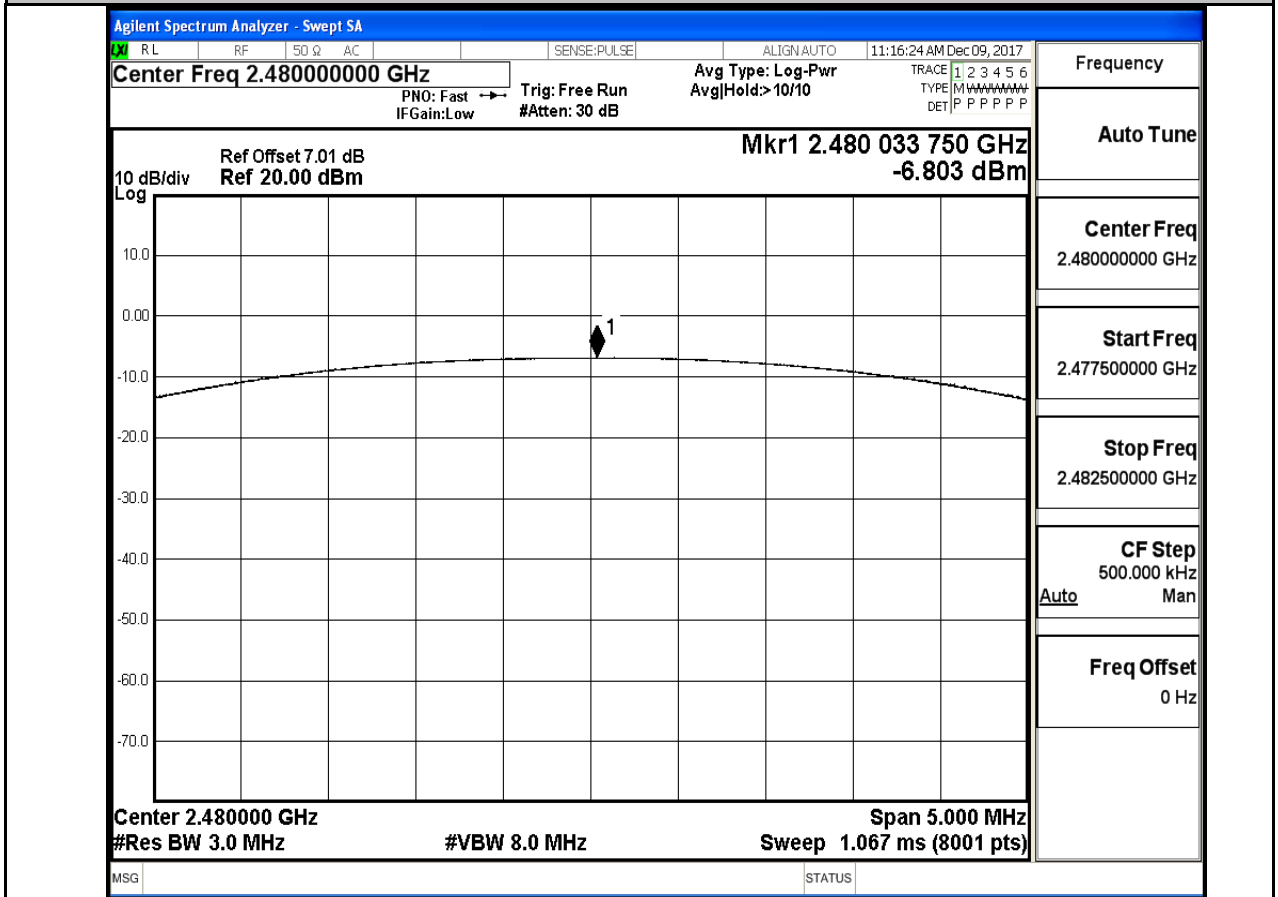
Conducted Peak Output Power_GFSK_2402



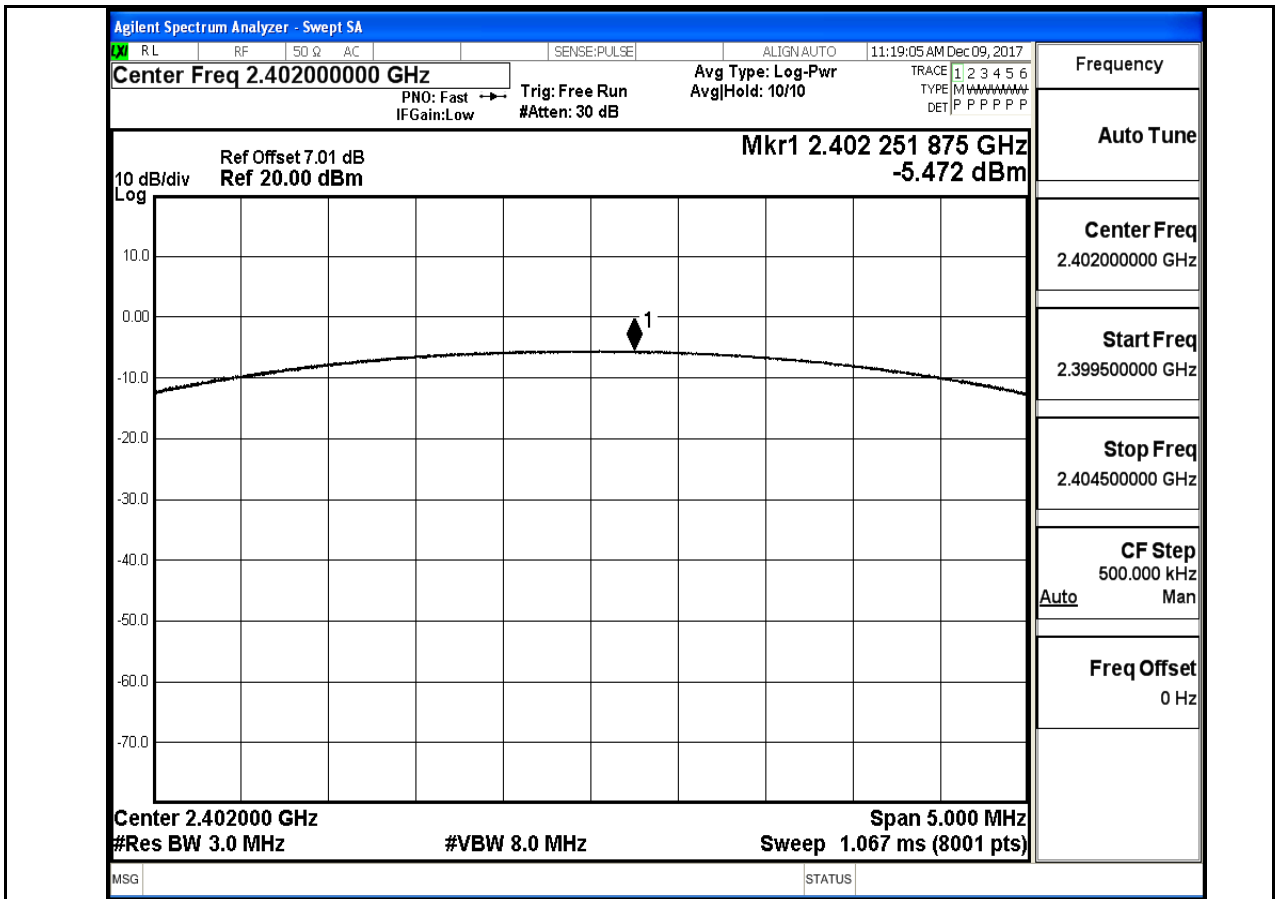
Conducted Peak Output Power_GFSK_2441



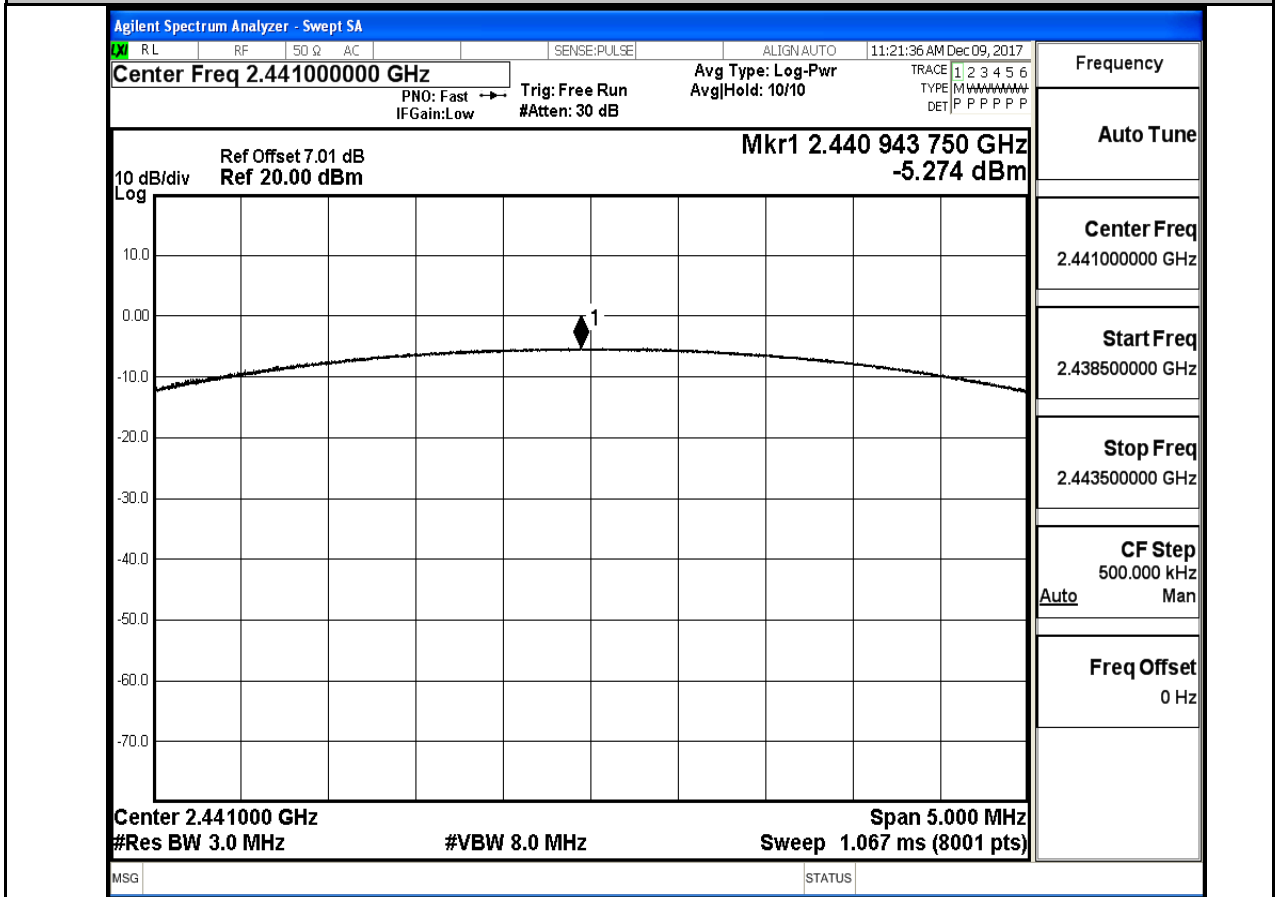
Conducted Peak Output Power_GFSK_2480



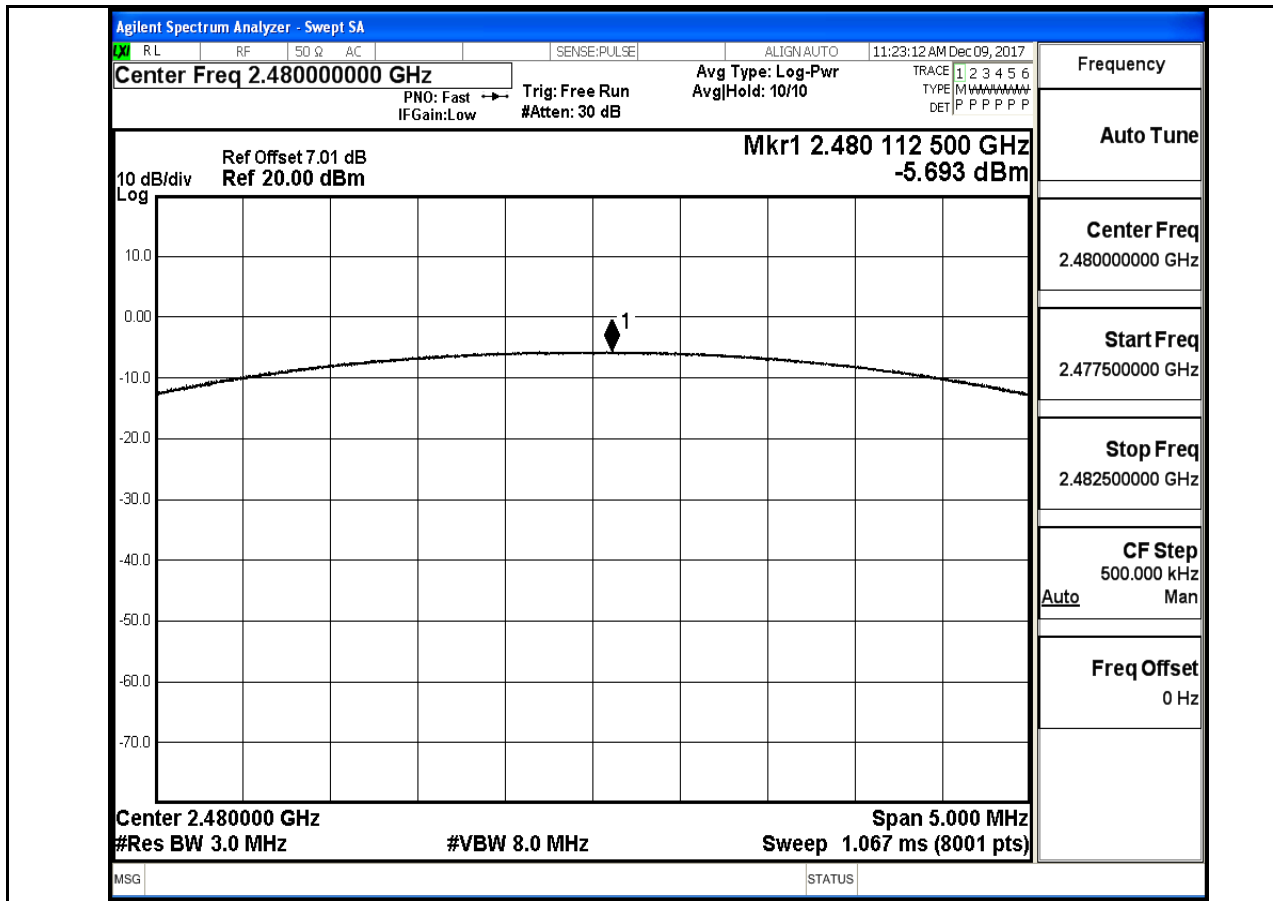
Conducted Peak Output Power_π/4DQPSK_2402



Conducted Peak Output Power_π/4DQPSK_2441



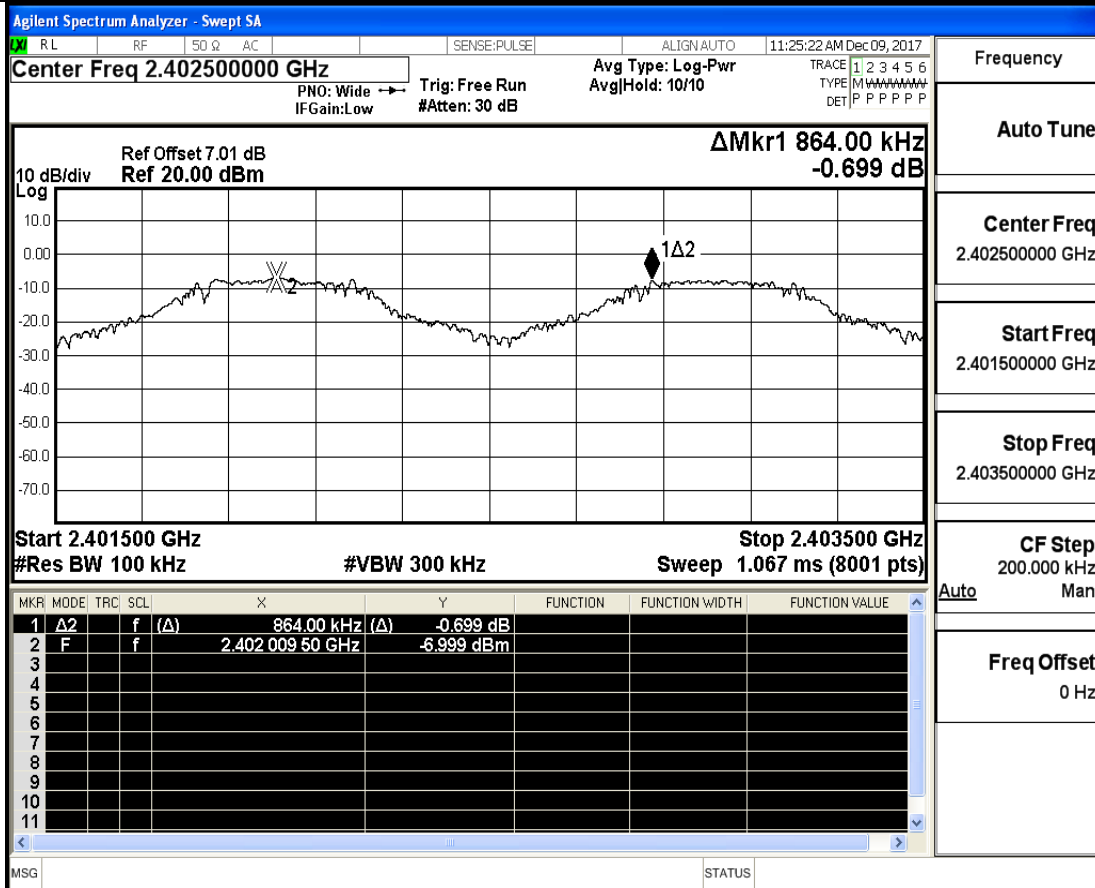
Conducted Peak Output Power_π/4DQPSK_2480



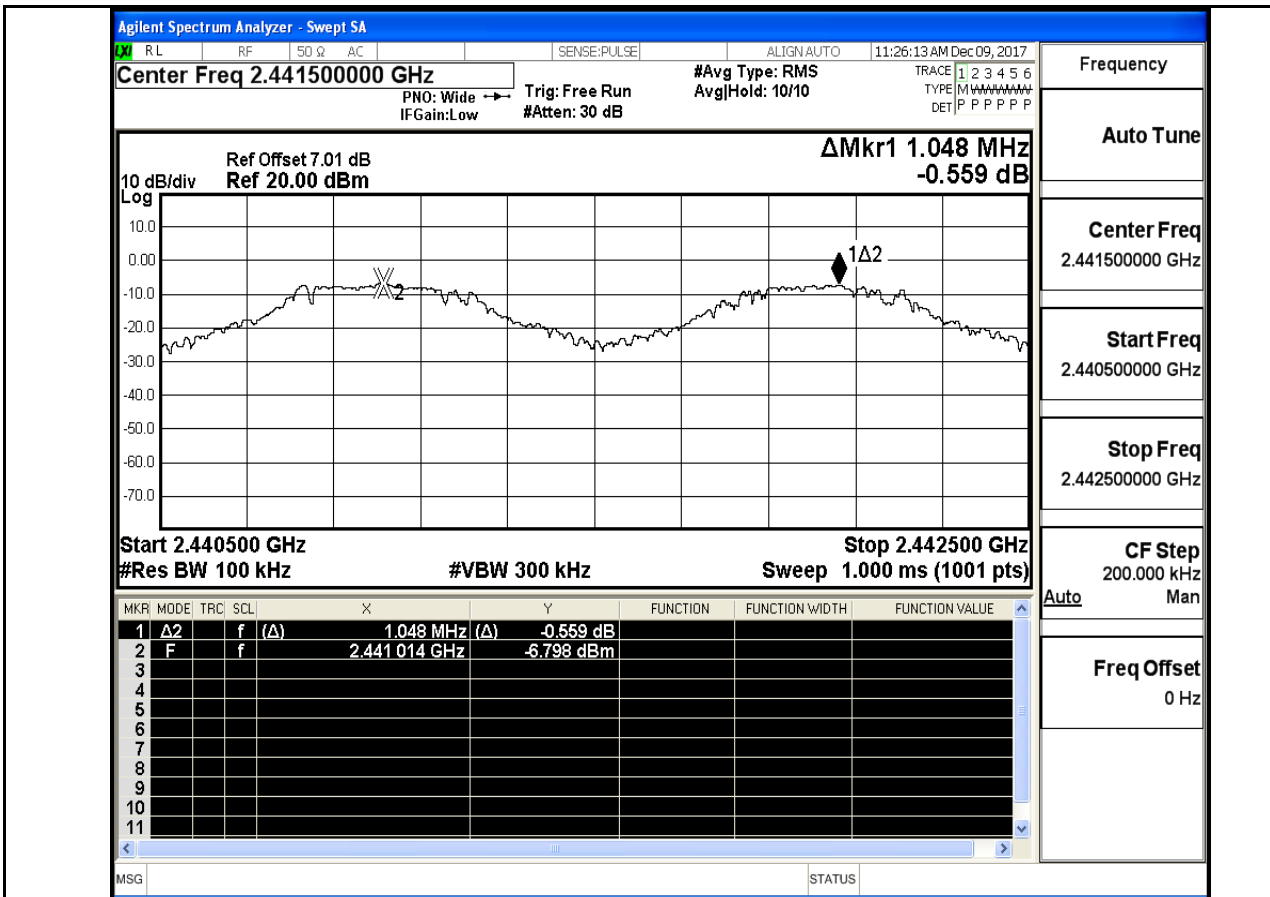
4. Carrier Frequency Separation

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
GFSK	2402	0.864	0.92	PASS
	2441	1.048	0.92	PASS
	2480	0.802	0.92	PASS
π /4DQPSK	2402	1.126	0.82	PASS
	2441	1.002	0.83	PASS
	2480	1	0.85	PASS

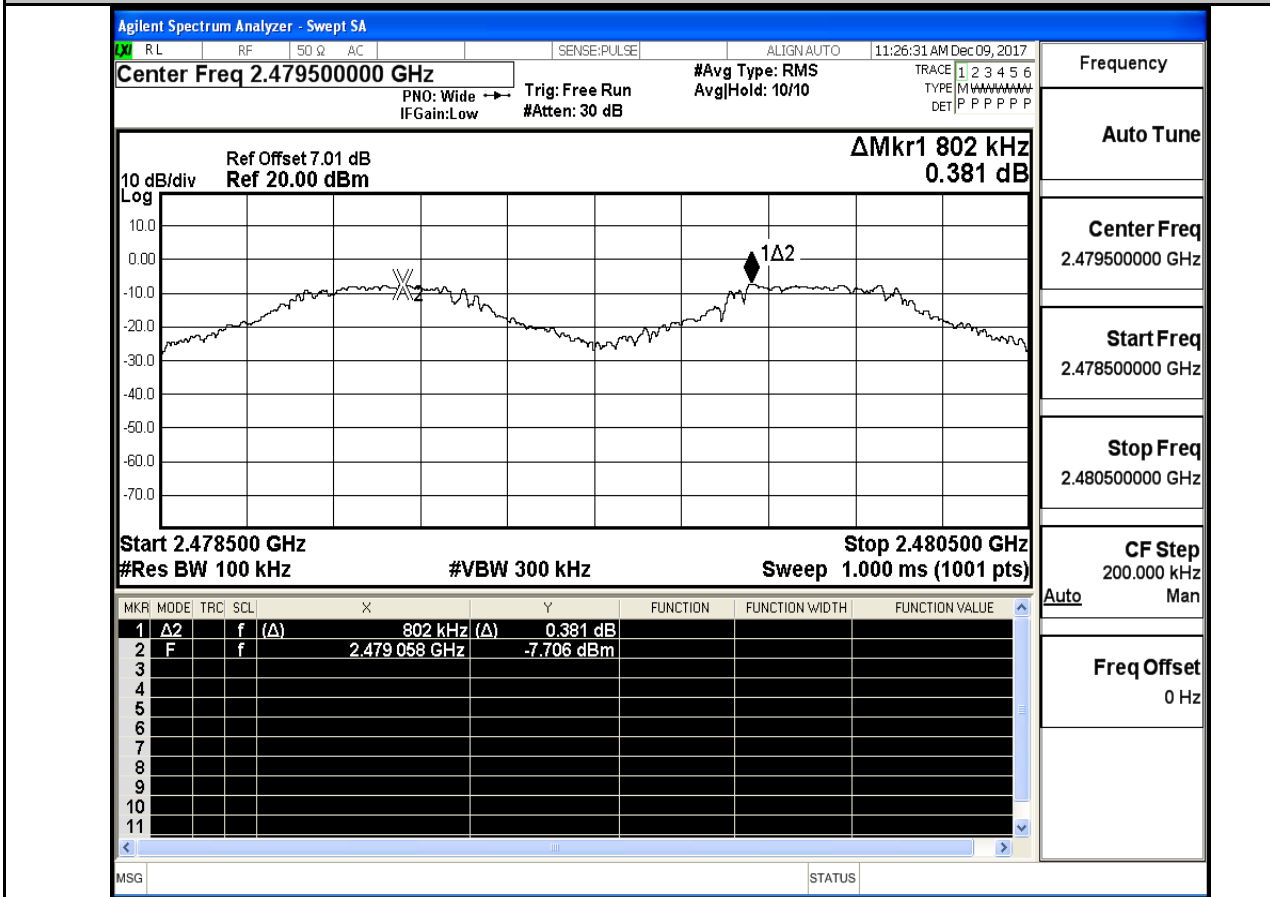
Carrier Frequency Separation_GFSK_2402



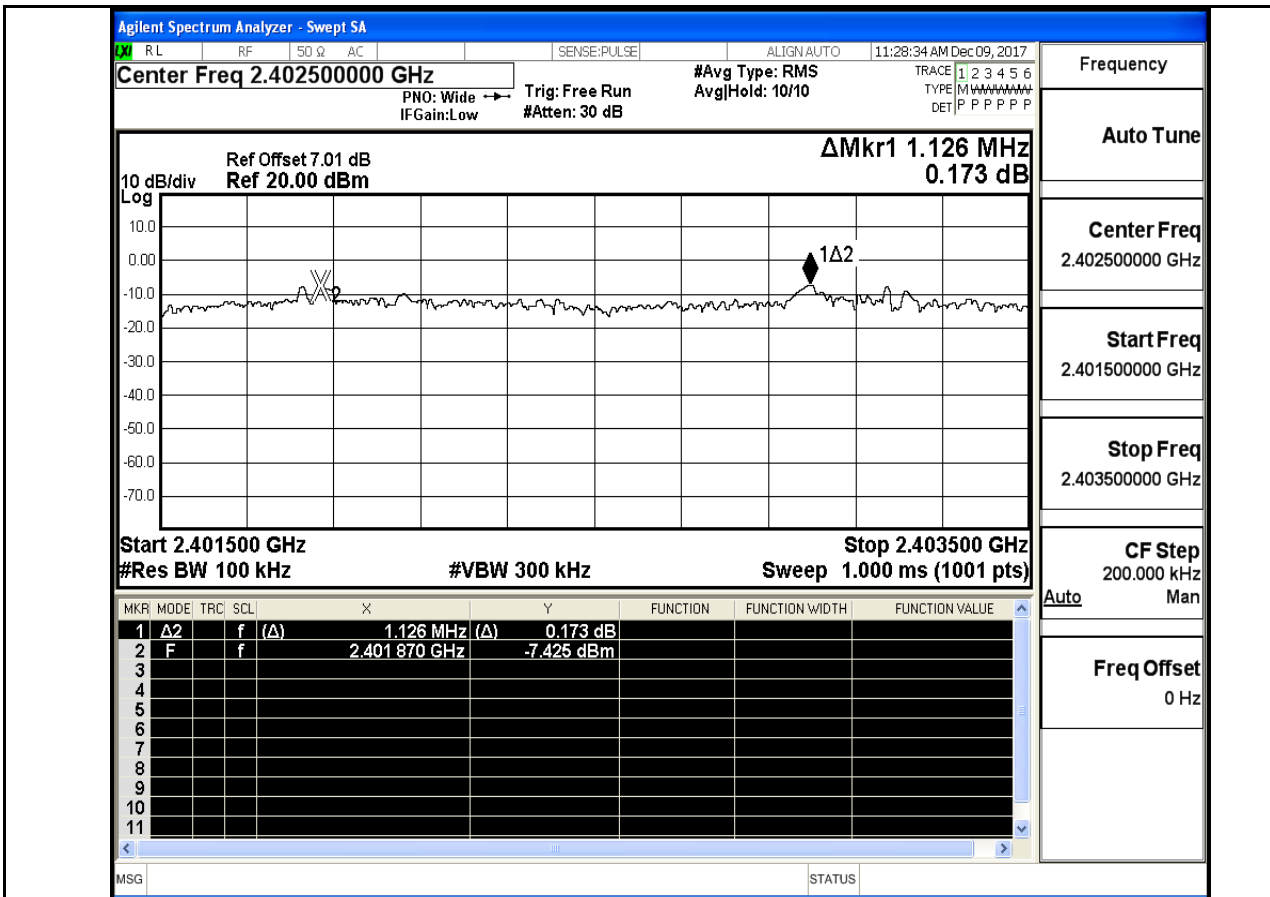
Carrier Frequency Separation_GFSK_2441



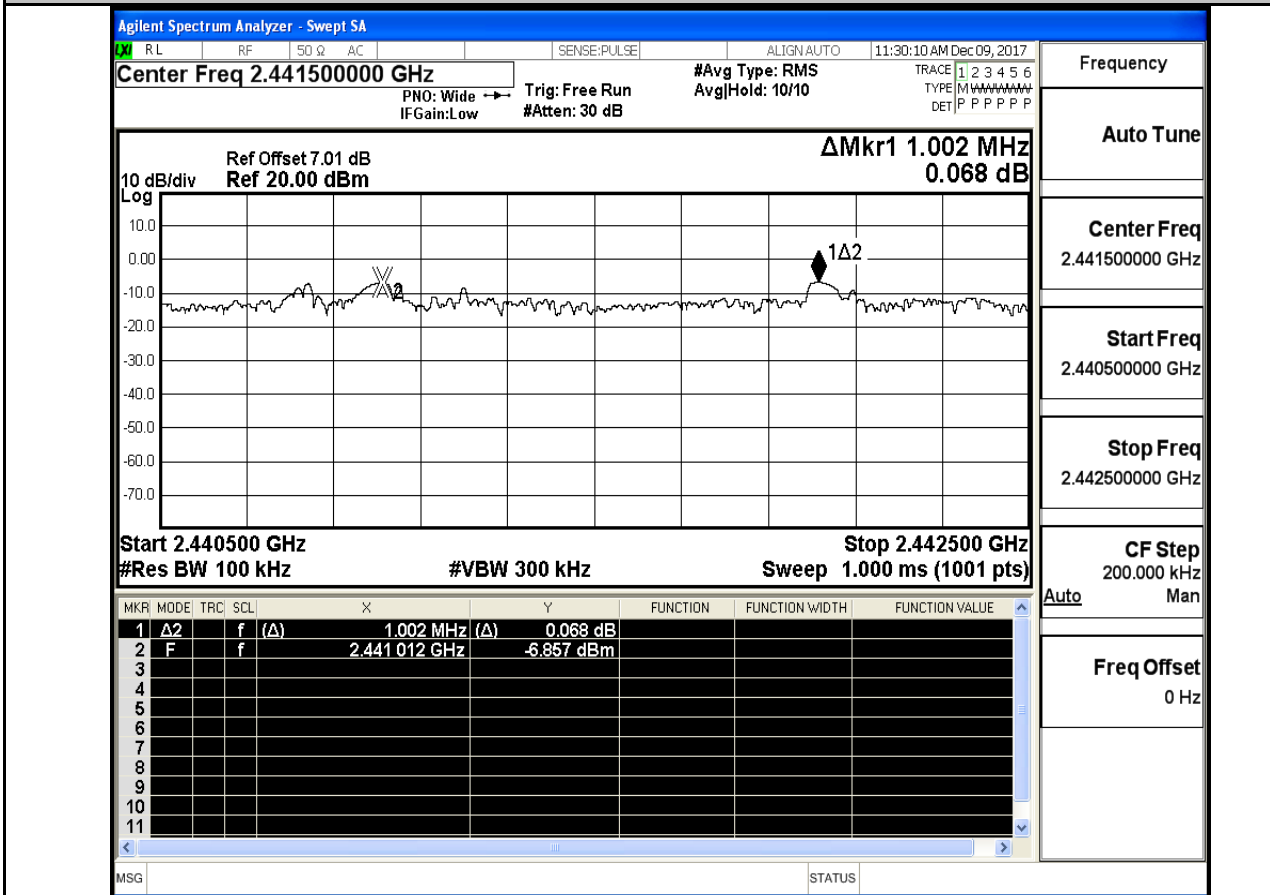
Carrier Frequency Separation_GFSK_2480



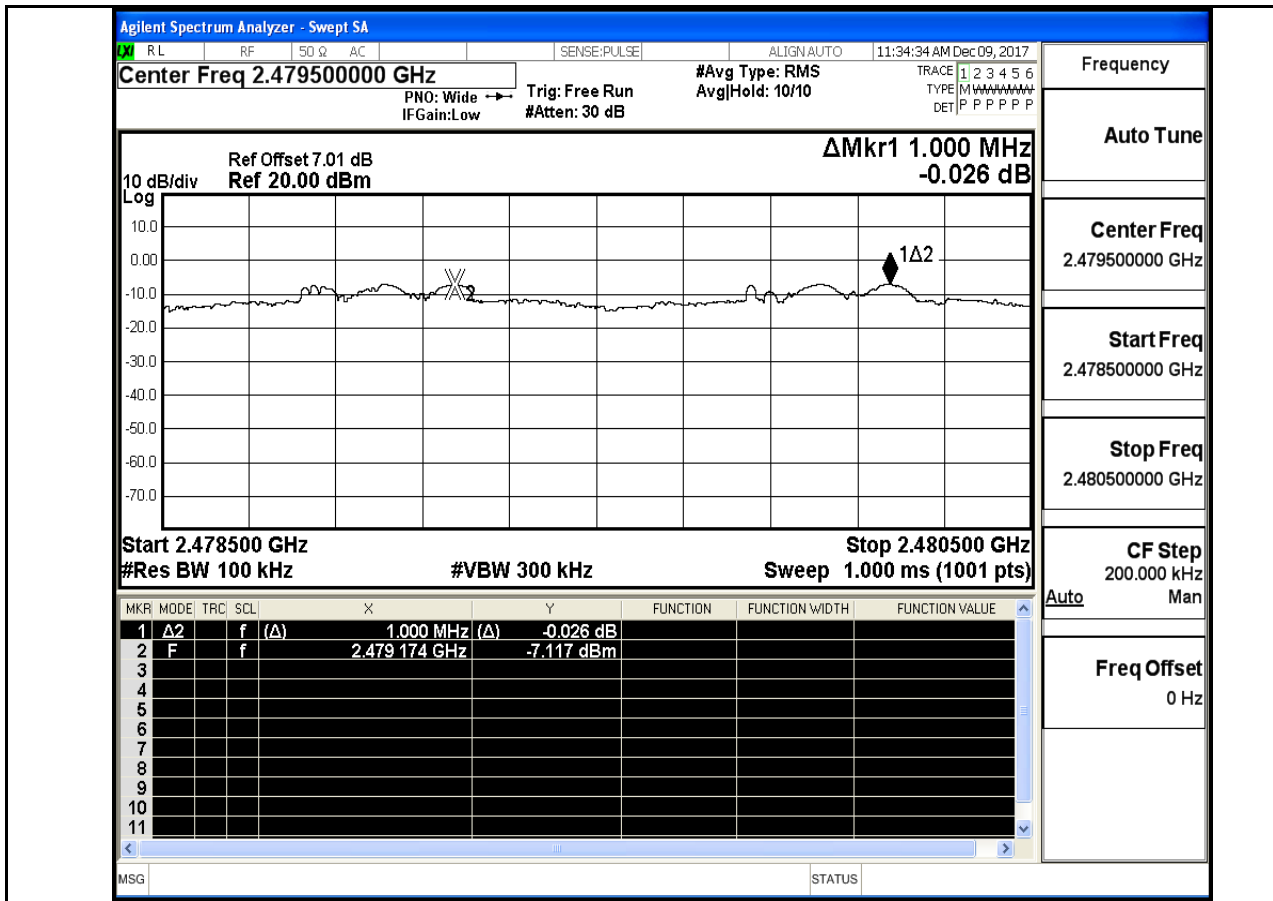
Carrier Frequency Separation_π/4DQPSK_2402



Carrier Frequency Separation $\pi/4$ DQPSK_2441



Carrier Frequency Separation $\pi/4$ DQPSK_2480

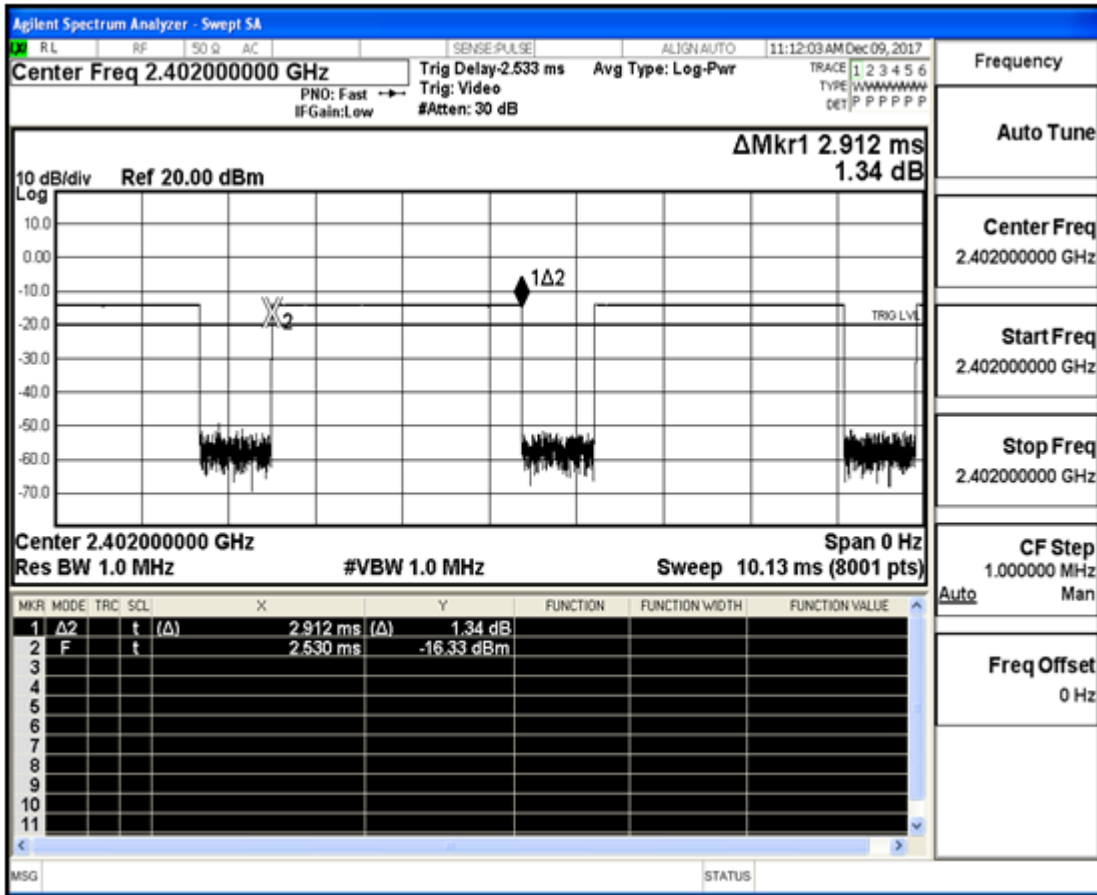


Frequency
Auto Tune
Center Freq 2.479500000 GHz
Start Freq 2.478500000 GHz
Stop Freq 2.480500000 GHz
CF Step 200.000 kHz Auto Man
Freq Offset 0 Hz

5.Dwell Time

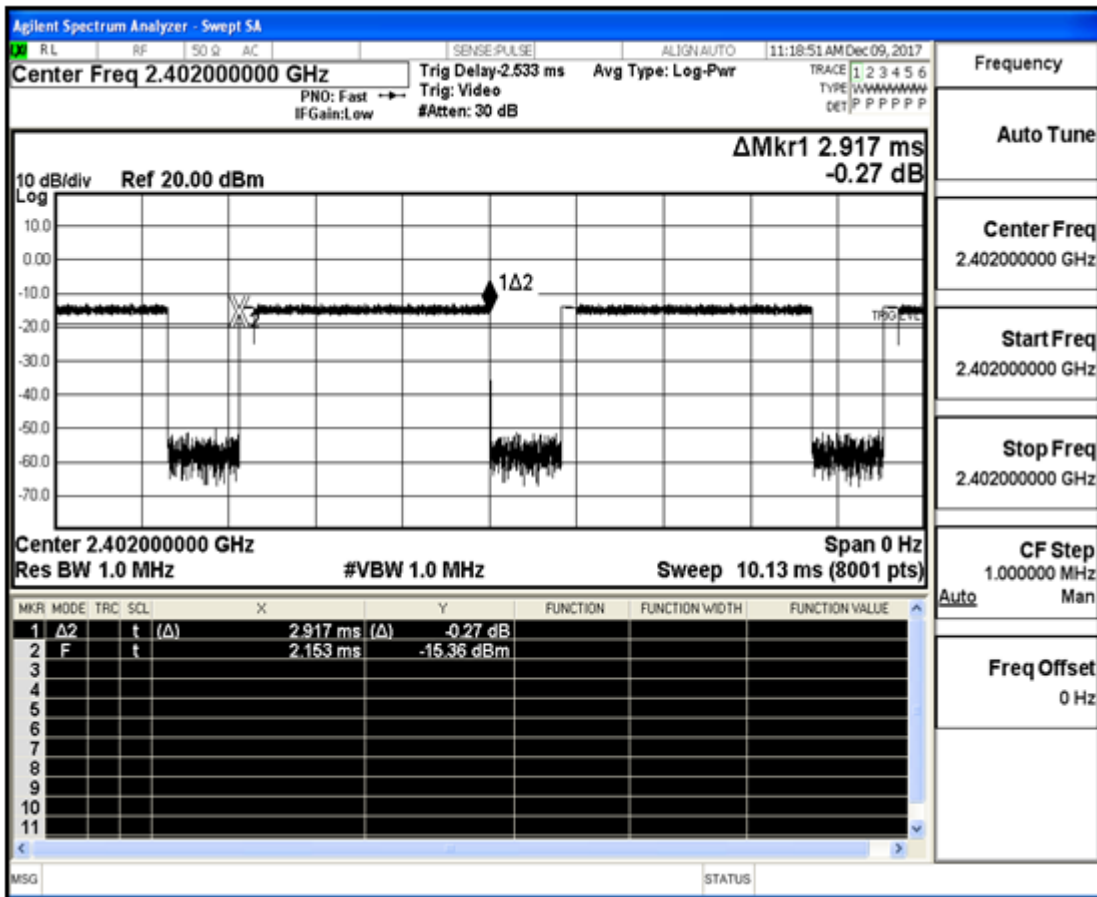
Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
GFSK	2402	2.91	106.7	0.31	0.4	PASS
	2441	2.91	106.7	0.31	0.4	PASS
	2480	2.91	106.7	0.31	0.4	PASS
π /4DQPSK	2402	2.92	106.7	0.312	0.4	PASS
	2441	2.92	106.7	0.312	0.4	PASS
	2480	2.92	106.7	0.312	0.4	PASS

Dwell Time_GFSK_2402



Dwell Time_GFSK_2441

Dwell Time_π/4DQPSK_2402

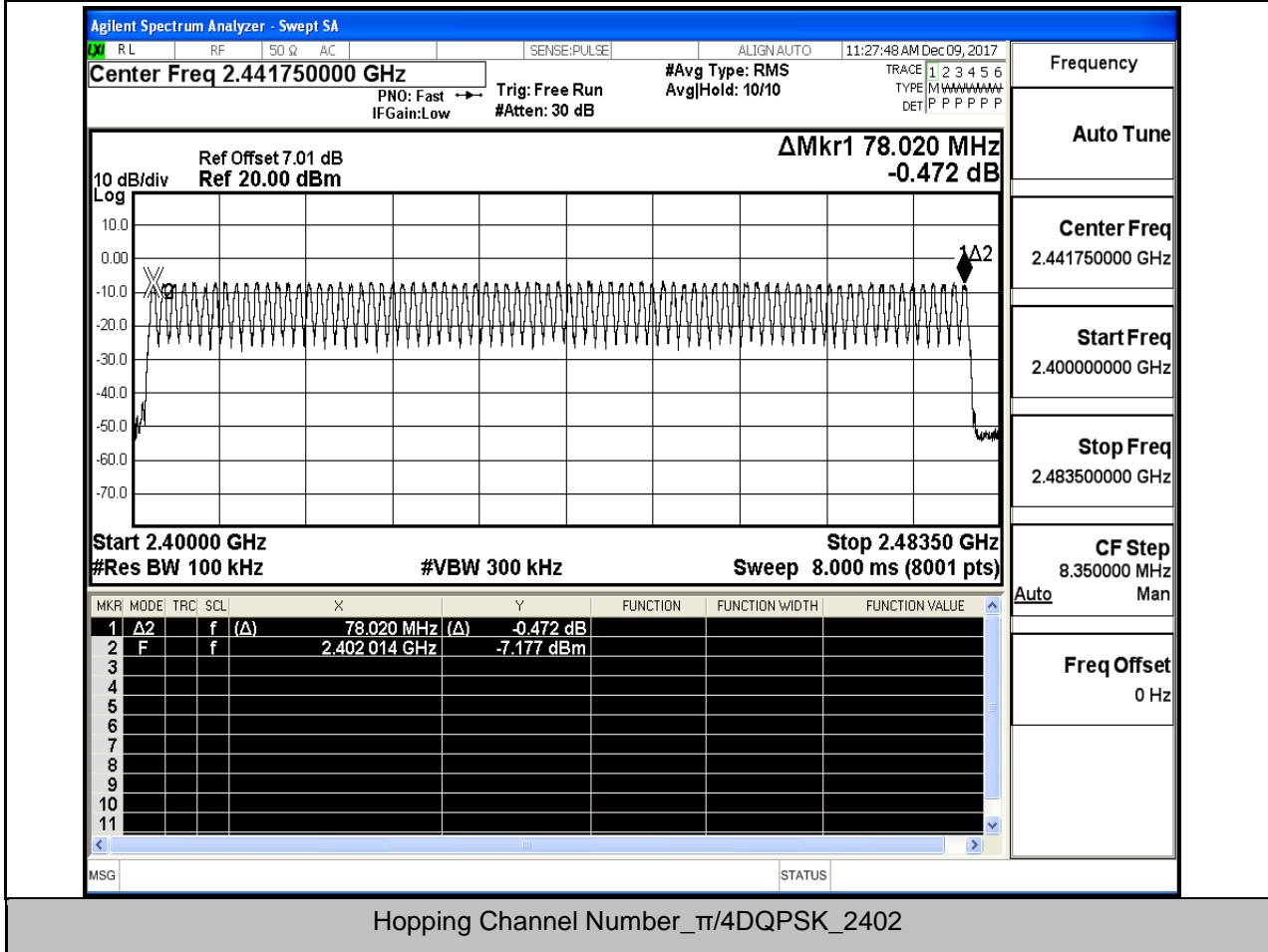


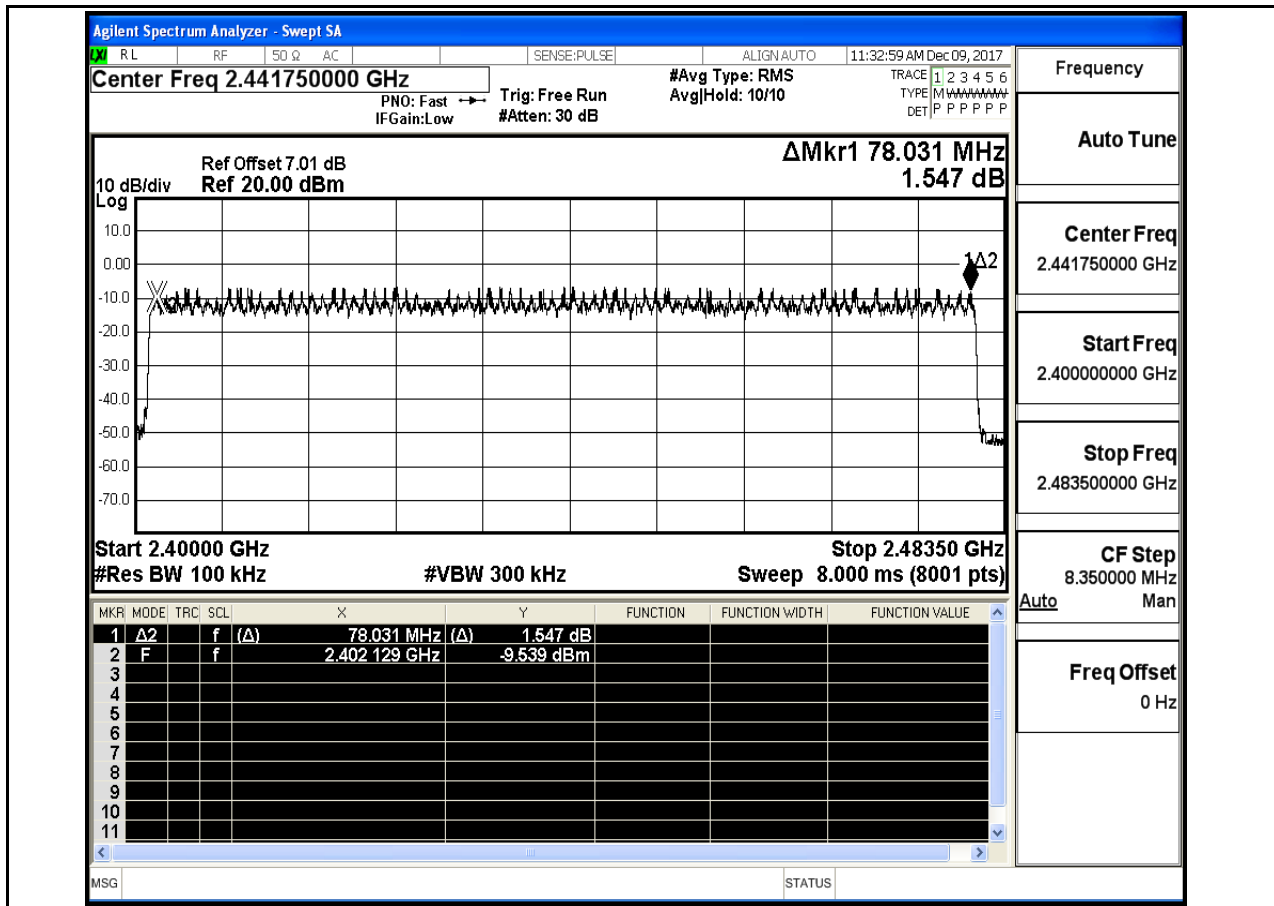
Dwell Time_π/4DQPSK_2441

6.Hopping Channel Number

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

Hopping Channel Number_GFSK_2402

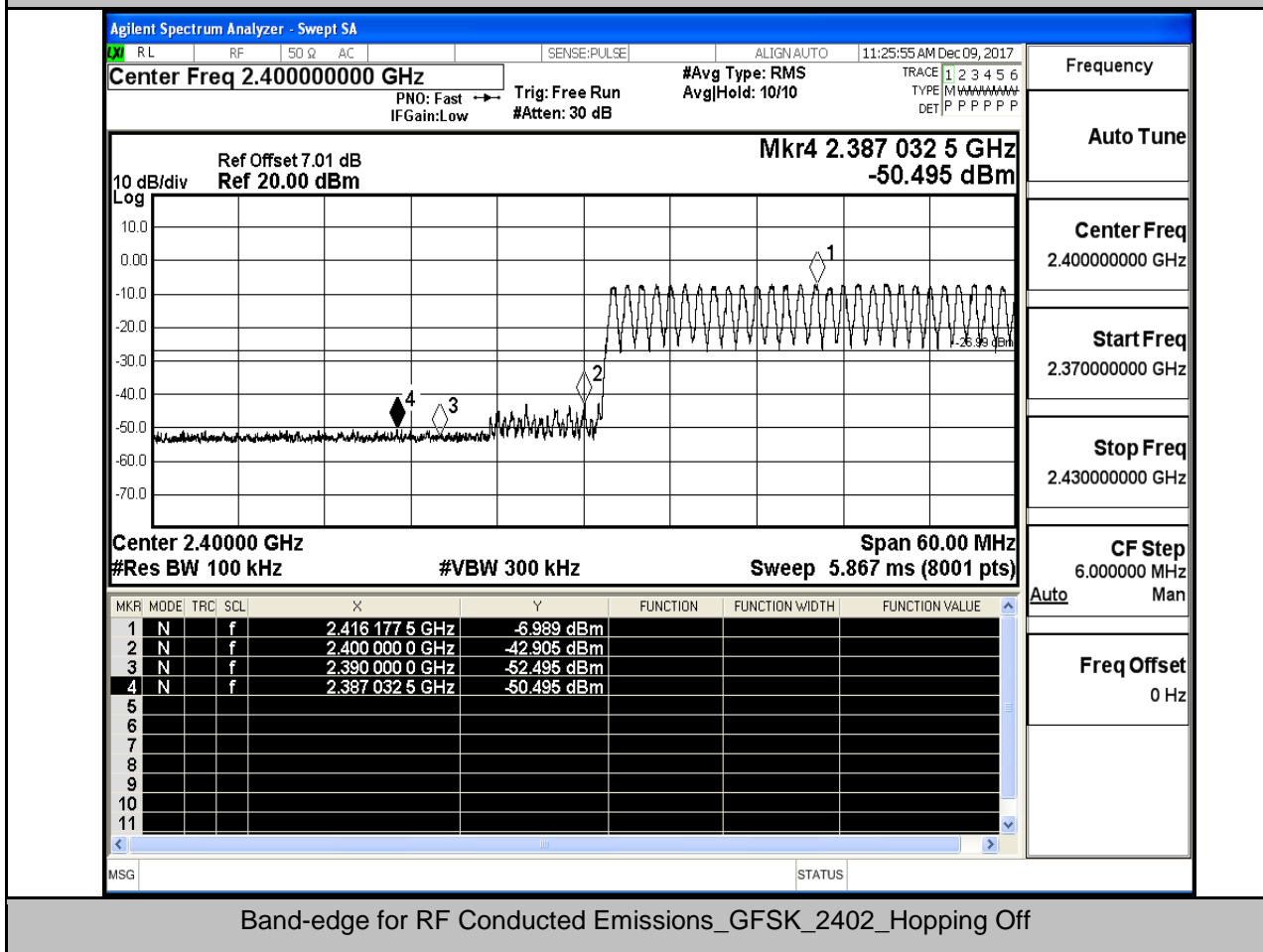




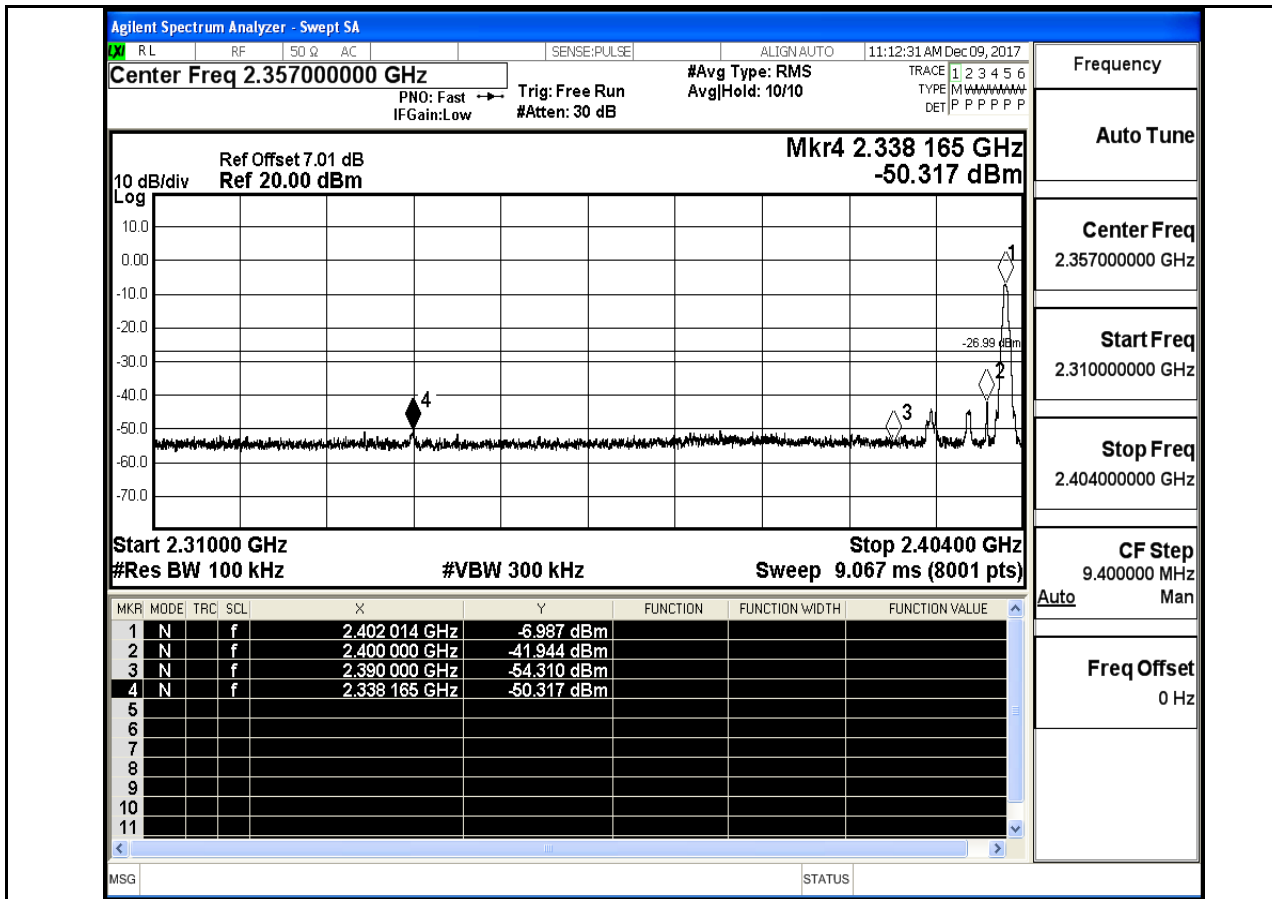
7. Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
GFSK	2402	On	-6.989	-50.495	-26.99	PASS
	2402	Off	-6.987	-50.317	-26.99	PASS
	2480	On	-6.996	-50.243	-27	PASS
	2480	Off	-7.130	-49.376	-27.13	PASS
π /4DQPSK	2402	On	-6.907	-49.690	-26.91	PASS
	2402	Off	-6.913	-50.639	-26.91	PASS
	2480	On	-6.915	-50.401	-26.92	PASS
	2480	Off	-7.034	-50.872	-27.03	PASS

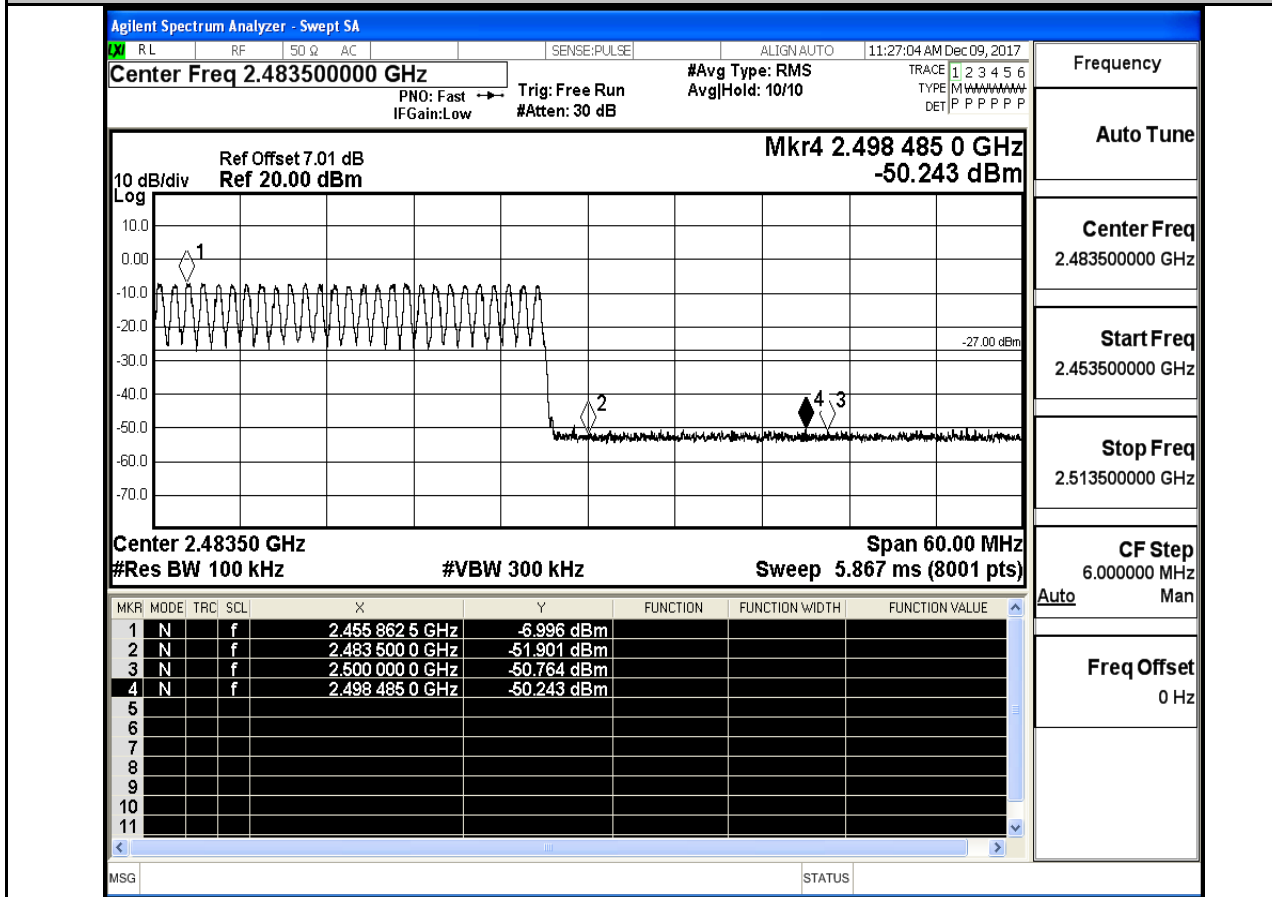
Band-edge for RF Conducted Emissions_GFSK_2402_Hopping On



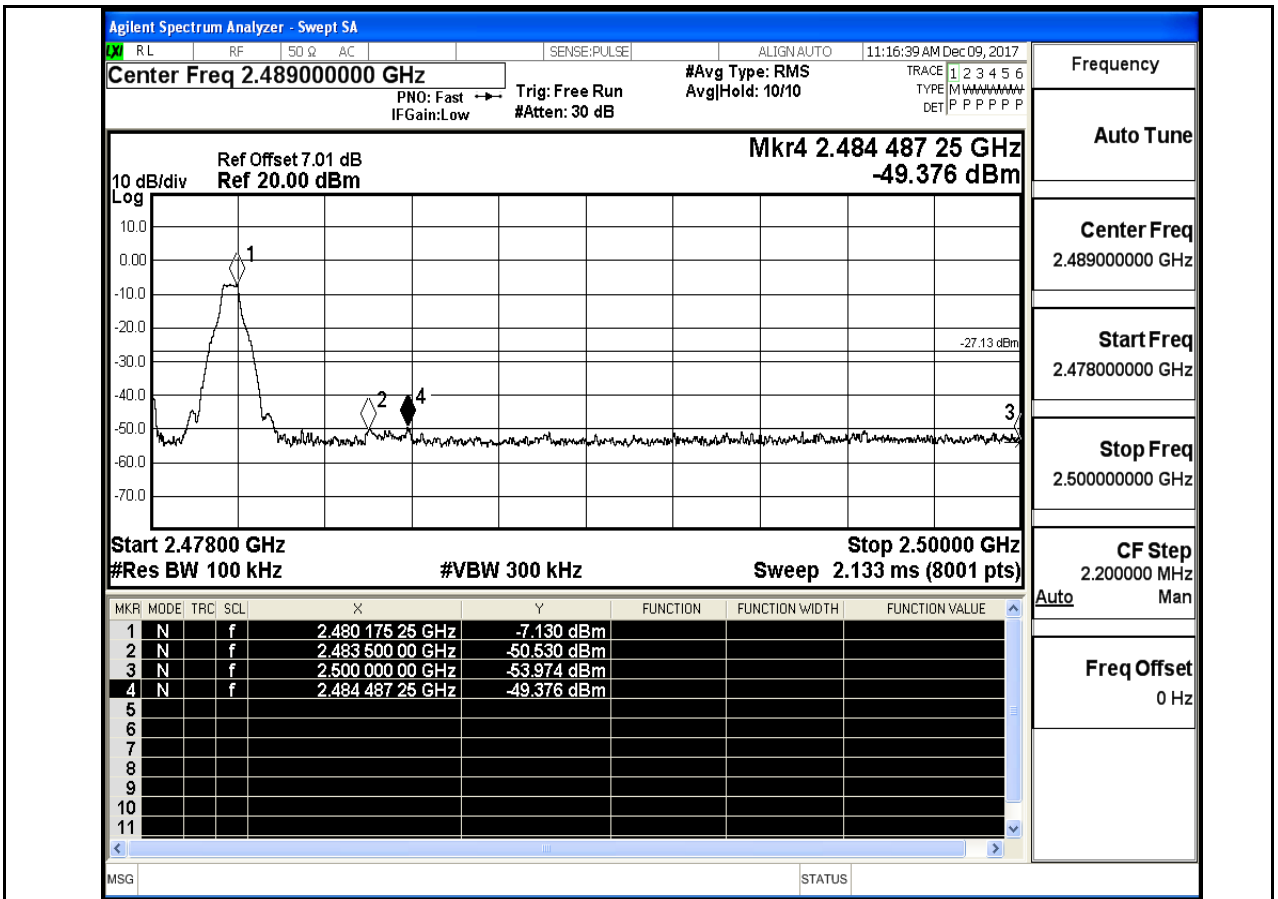
Band-edge for RF Conducted Emissions_GFSK_2402_Hopping Off



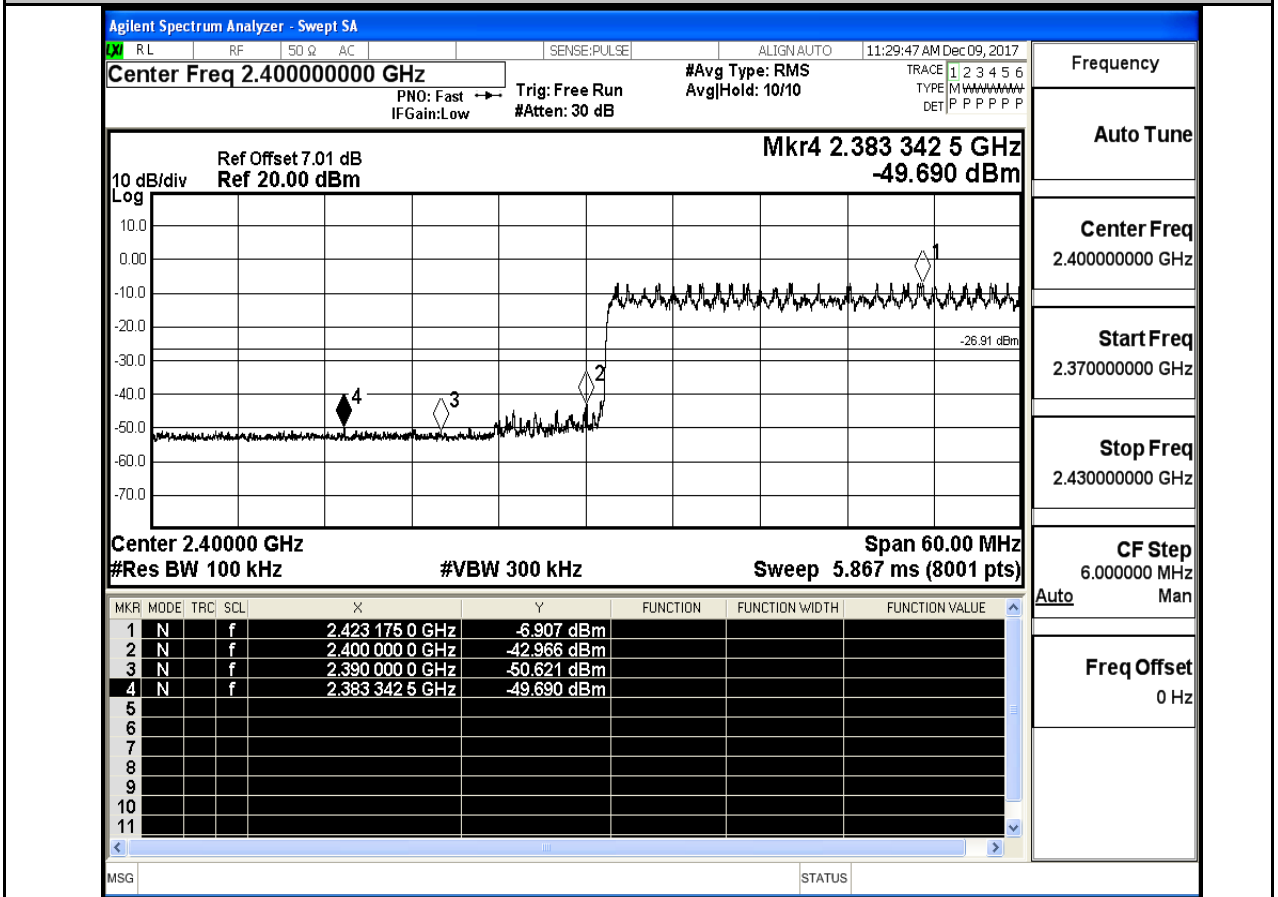
Band-edge for RF Conducted Emissions_GFSK_2480_Hopping On



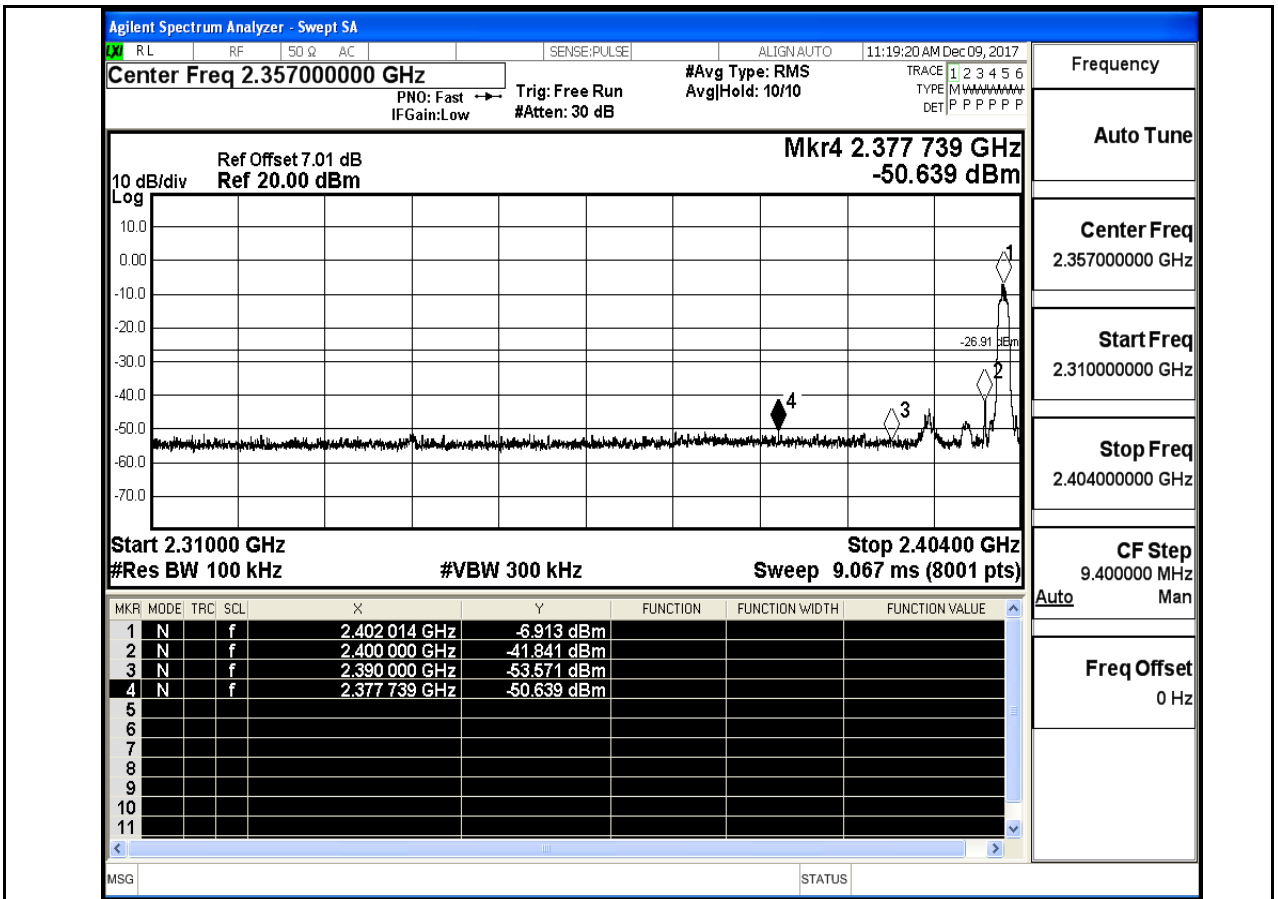
Band-edge for RF Conducted Emissions_GFSK_2480_Hopping Off



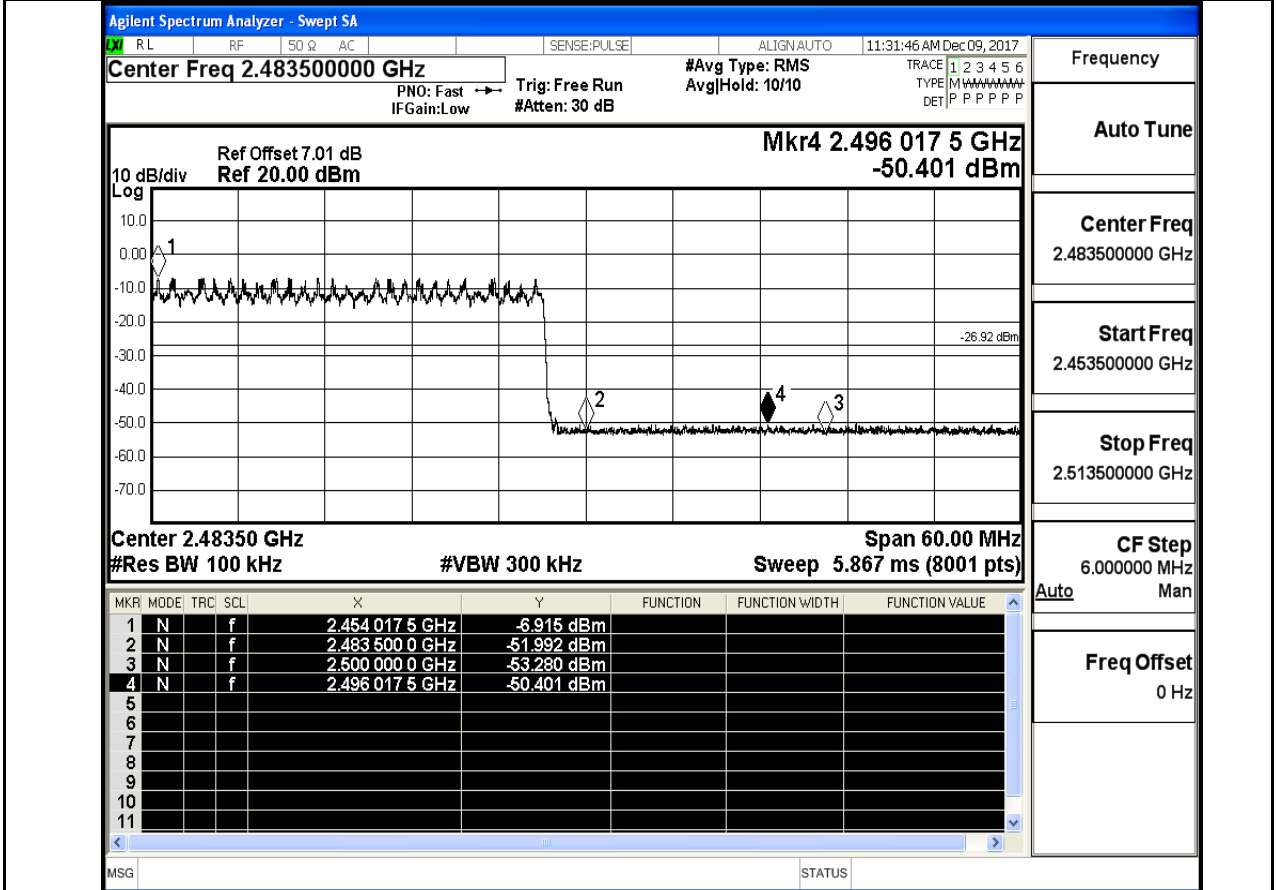
Band-edge for RF Conducted Emissions_π/4DQPSK_2402_Hopping On



Band-edge for RF Conducted Emissions_π/4DQPSK_2402_Hopping Off



Band-edge for RF Conducted Emissions_π/4DQPSK_2480_Hopping On

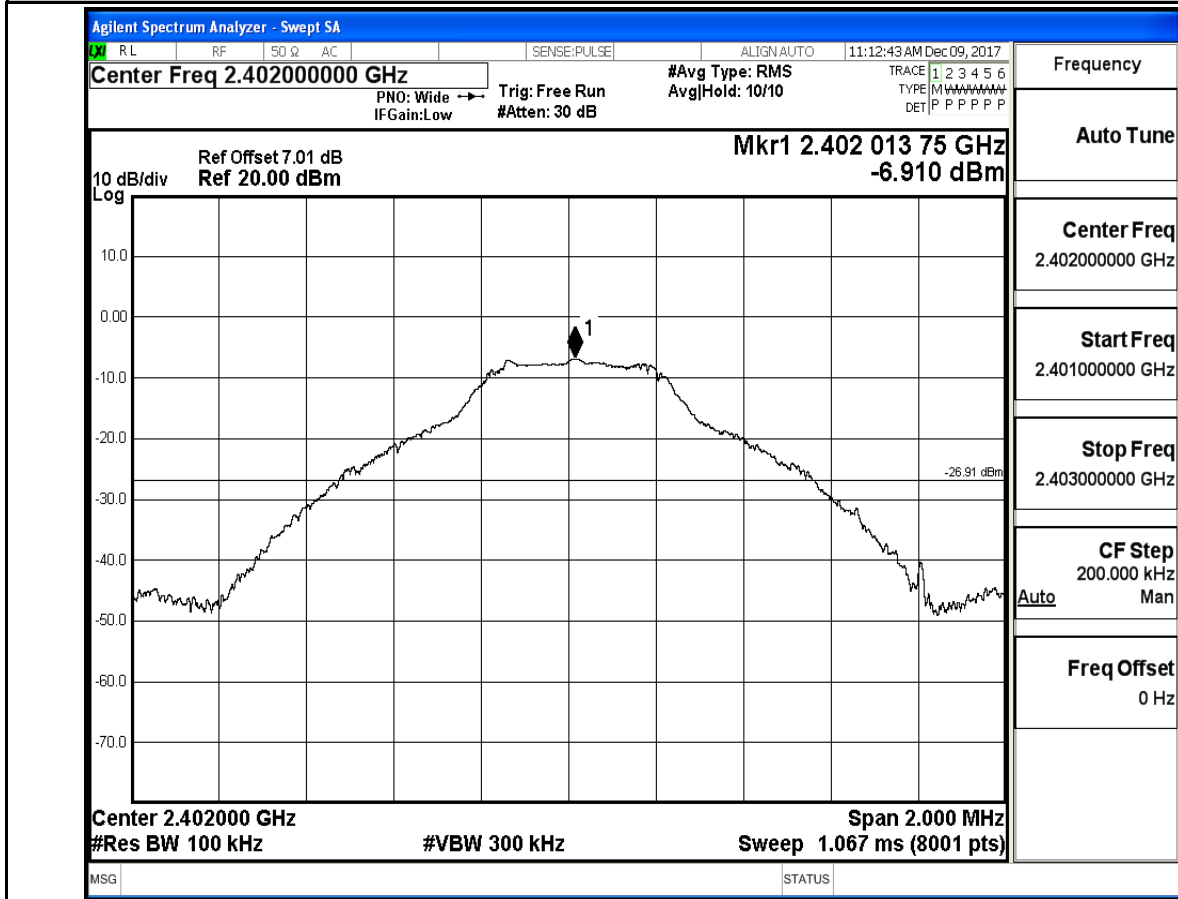


Band-edge for RF Conducted Emissions_π/4DQPSK_2480_Hopping Off

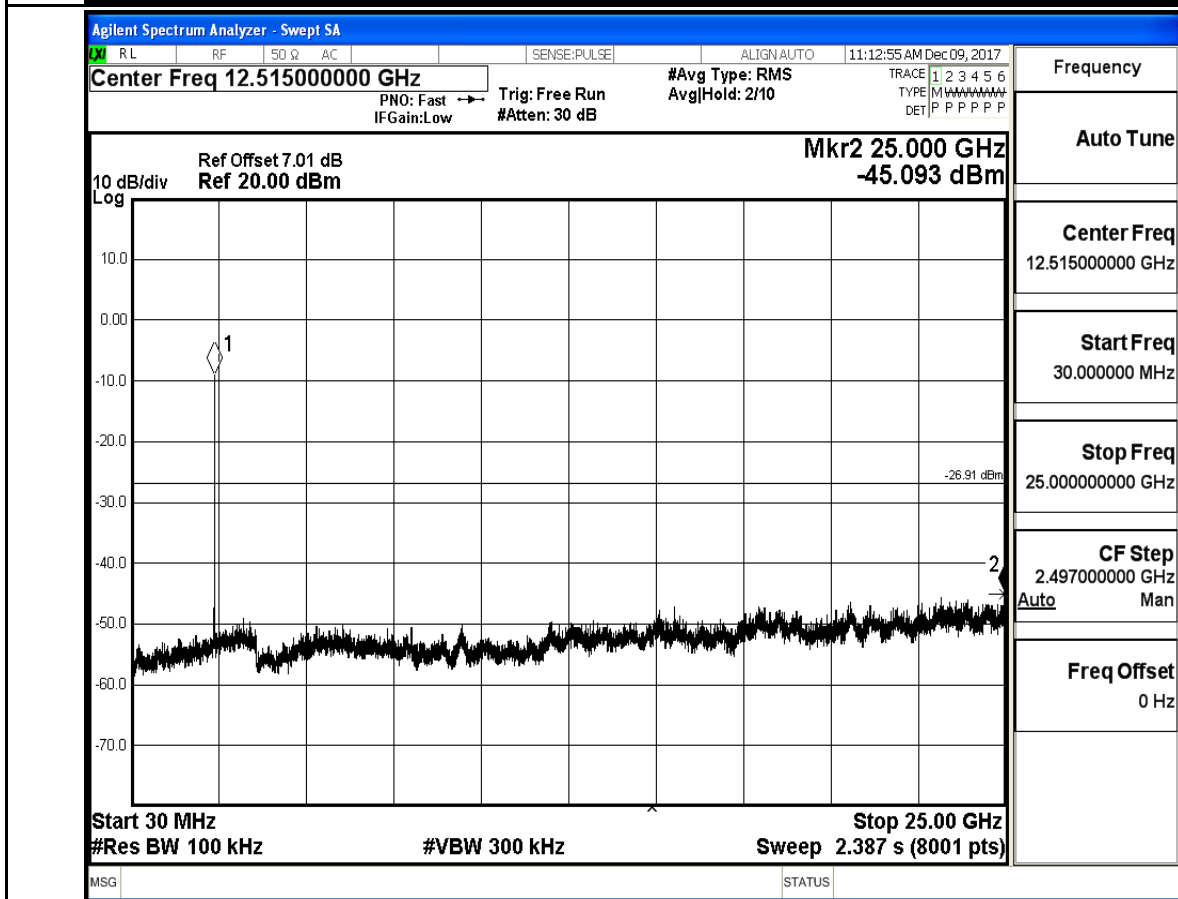
8.RF Conducted Spurious Emissions

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	-6.91	-45.093	<-26.91	PASS
	2441	30	25000	100	300	-6.798	-44.498	<-26.798	PASS
	2480	30	25000	100	300	-7.157	-45.930	<-27.157	PASS
π /4DQPSK	2402	30	25000	100	300	-6.924	-45.816	<-26.924	PASS
	2441	30	25000	100	300	-6.802	-44.386	<-26.802	PASS
	2480	30	25000	100	300	-7.096	-45.517	<-27.096	PASS

RF Conducted Spurious Emissions_GFSK_2402

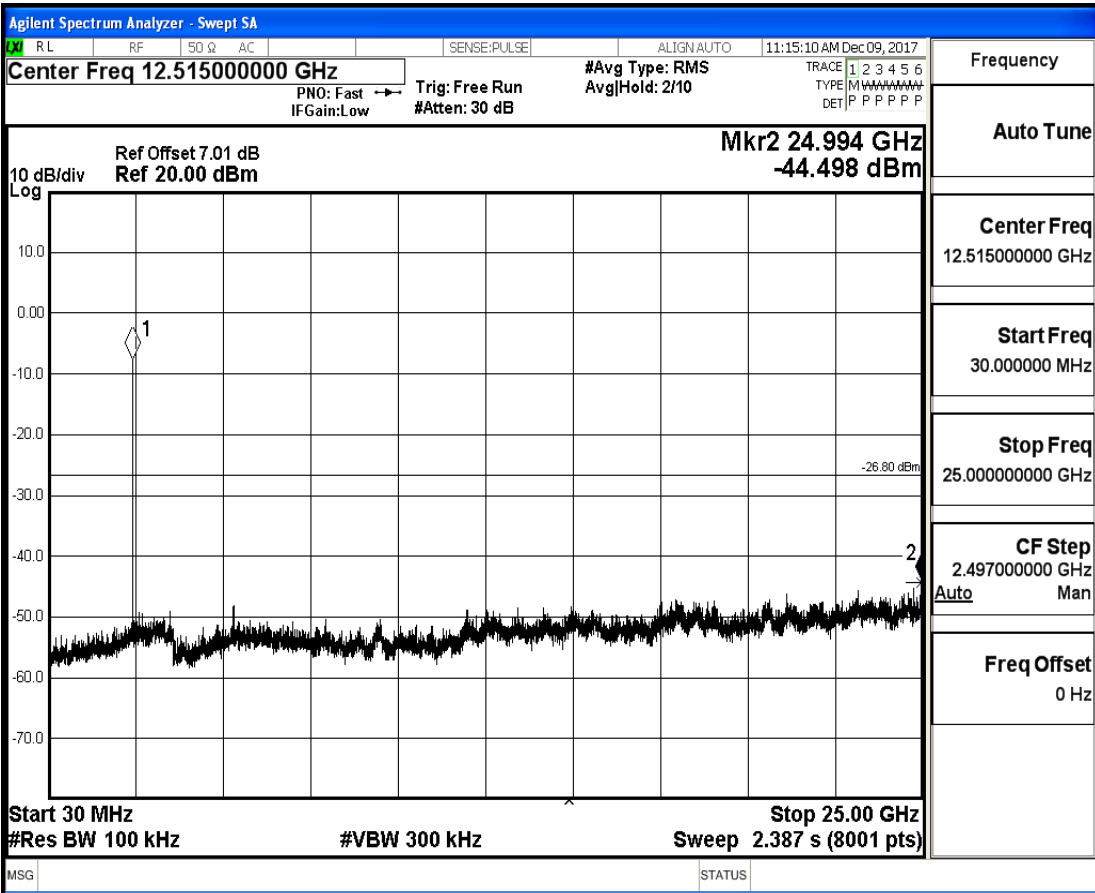
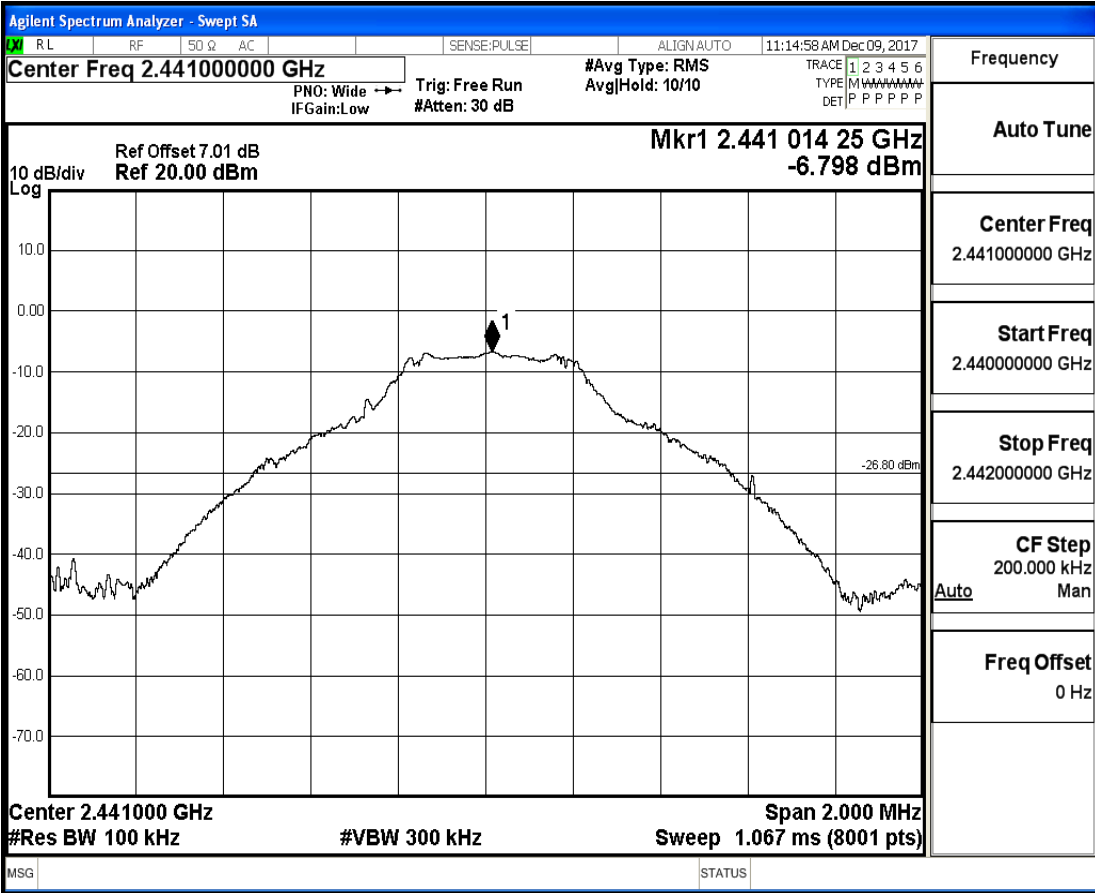


Frequency
Auto Tune
Center Freq 2.402000000 GHz
Start Freq 2.401000000 GHz
Stop Freq 2.403000000 GHz
CF Step 200.000 kHz Auto Man
Freq Offset 0 Hz

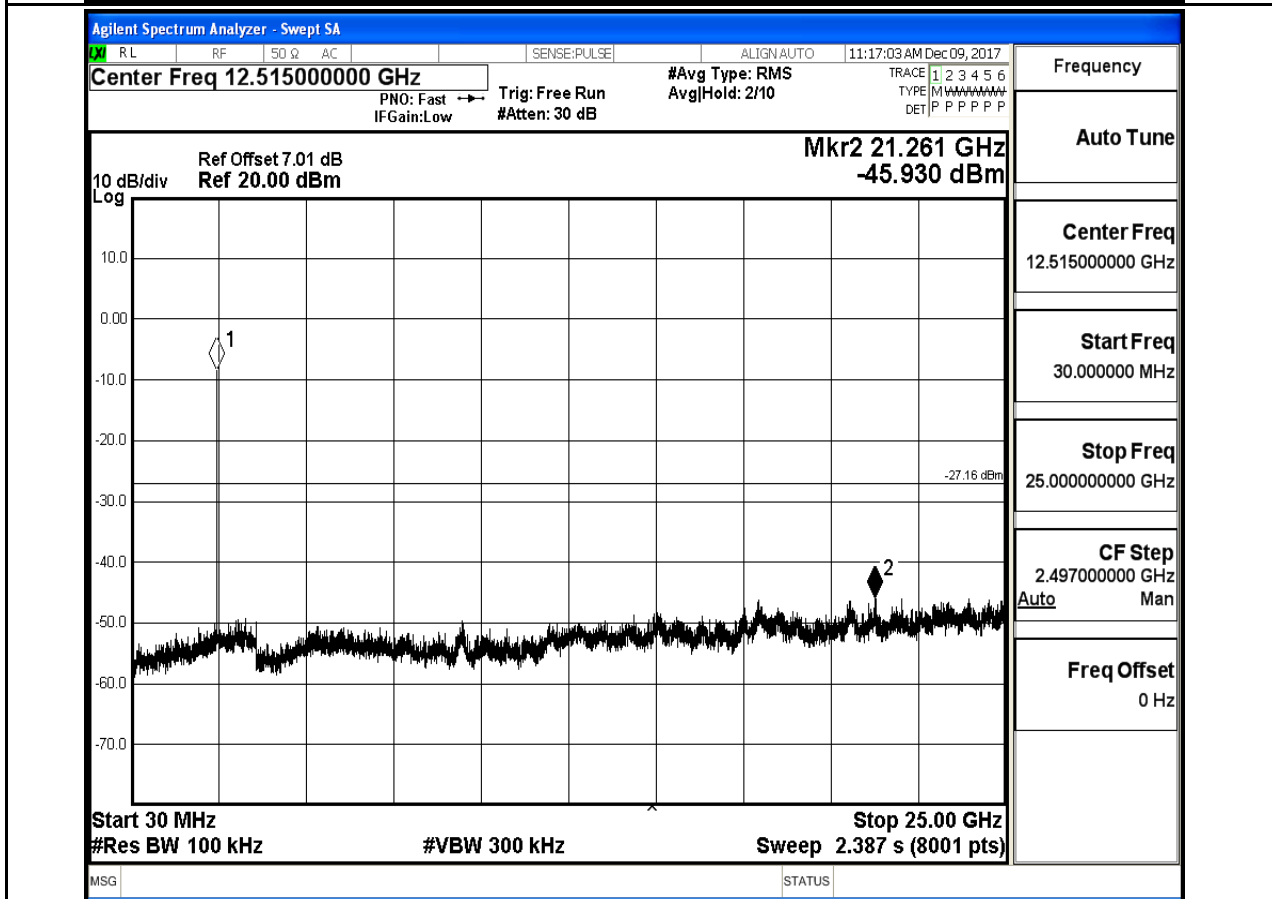
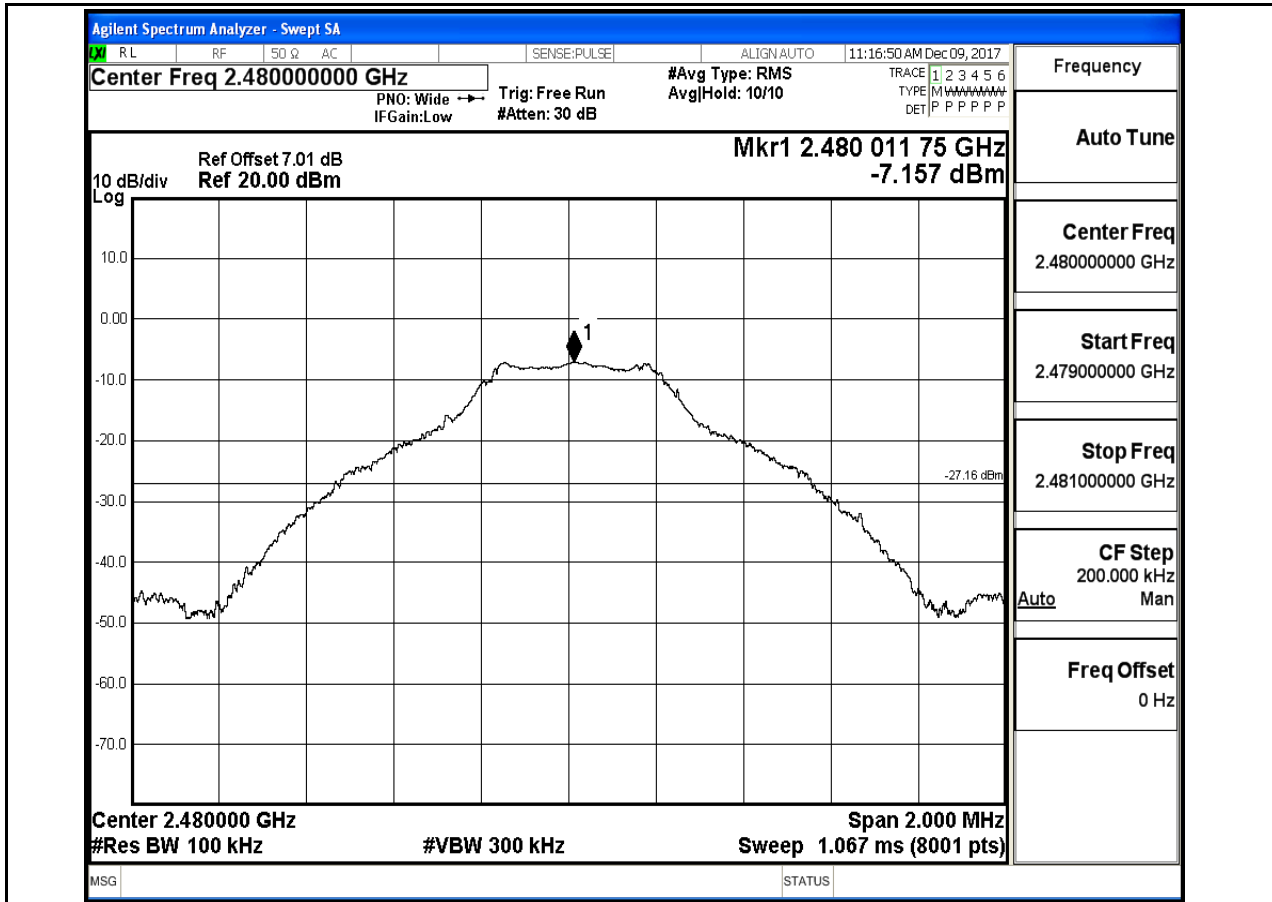


Frequency
Auto Tune
Center Freq 12.515000000 GHz
Start Freq 30.0000000 MHz
Stop Freq 25.000000000 GHz
CF Step 2.497000000 GHz Auto Man
Freq Offset 0 Hz

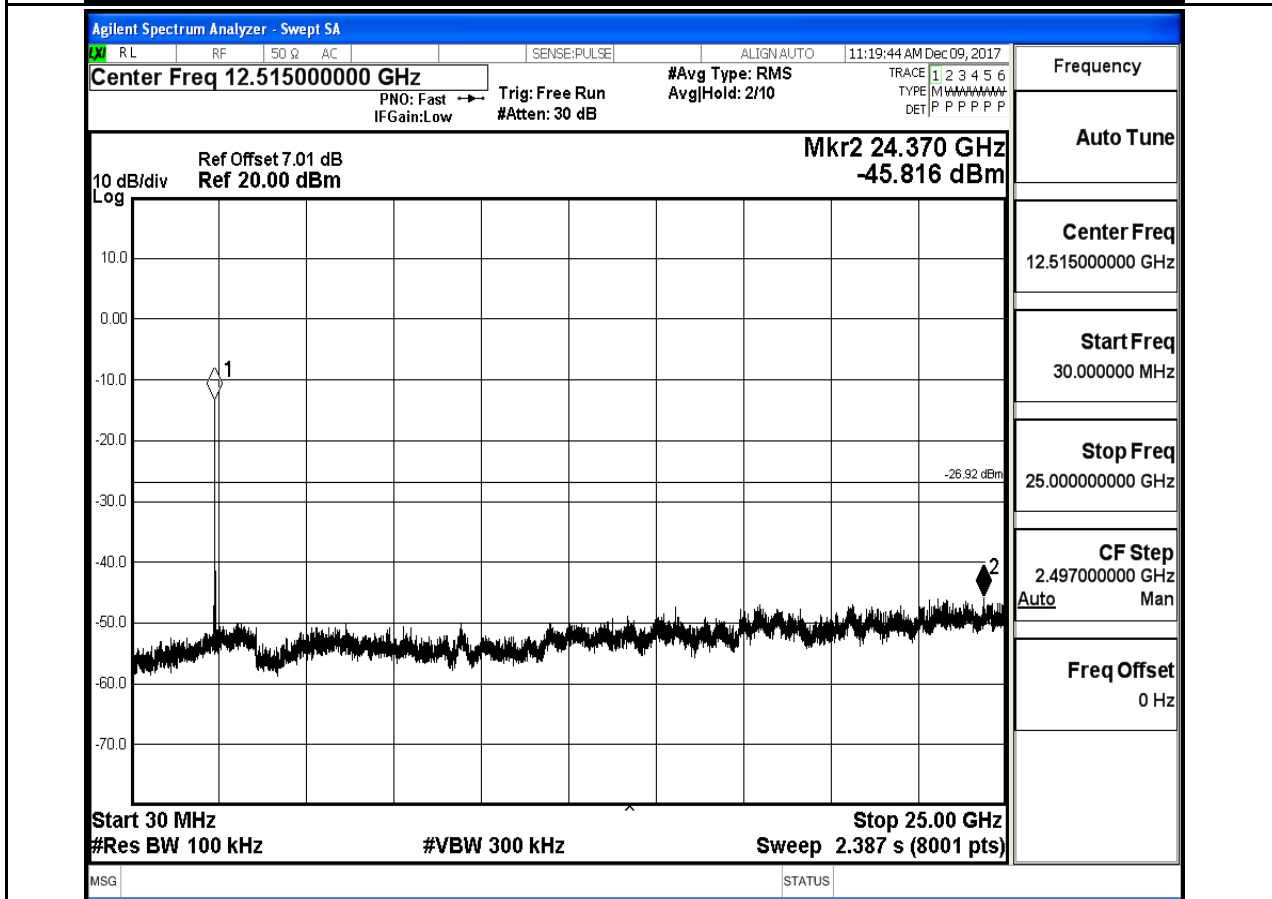
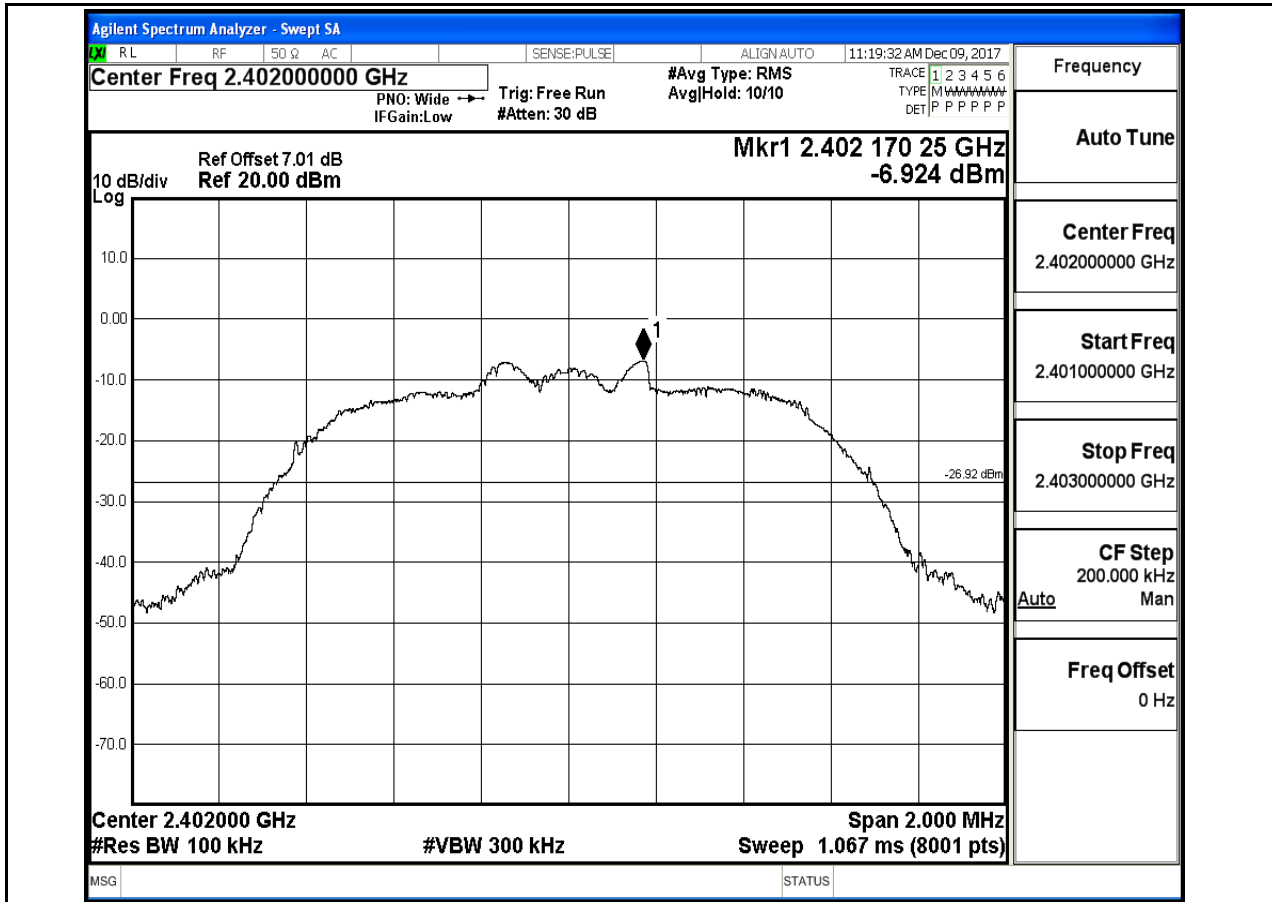
RF Conducted Spurious Emissions_GFSK_2441



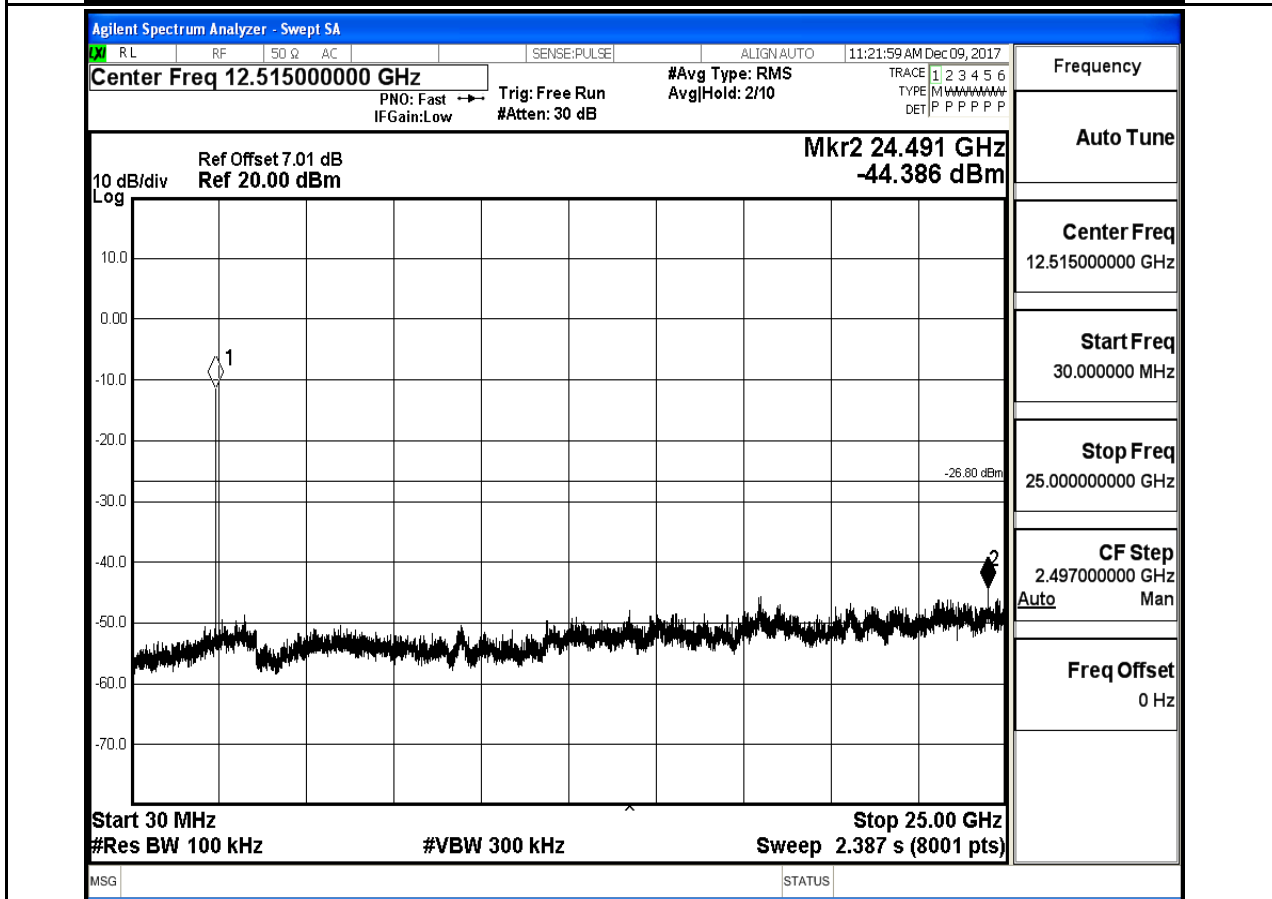
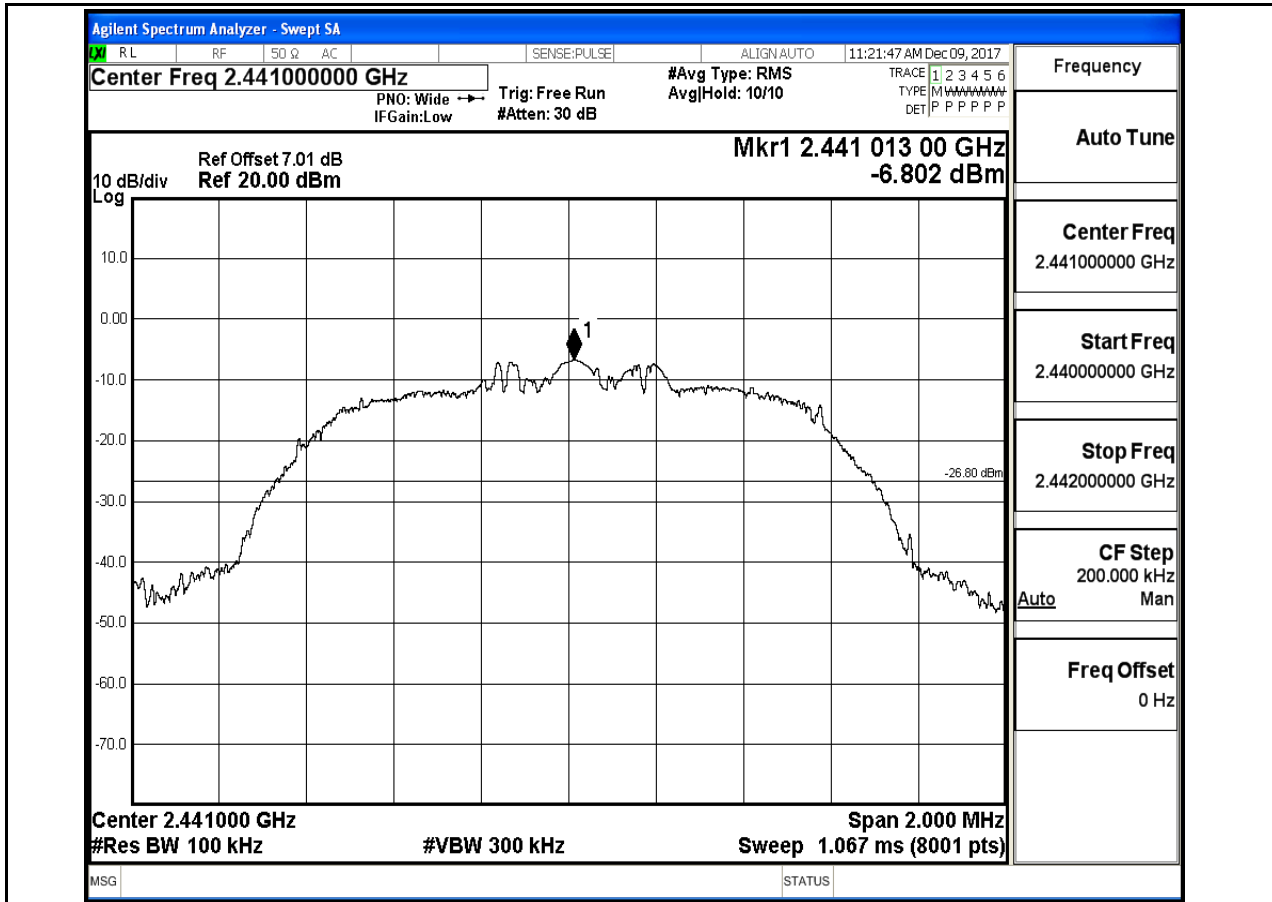
RF Conducted Spurious Emissions_GFSK_2480



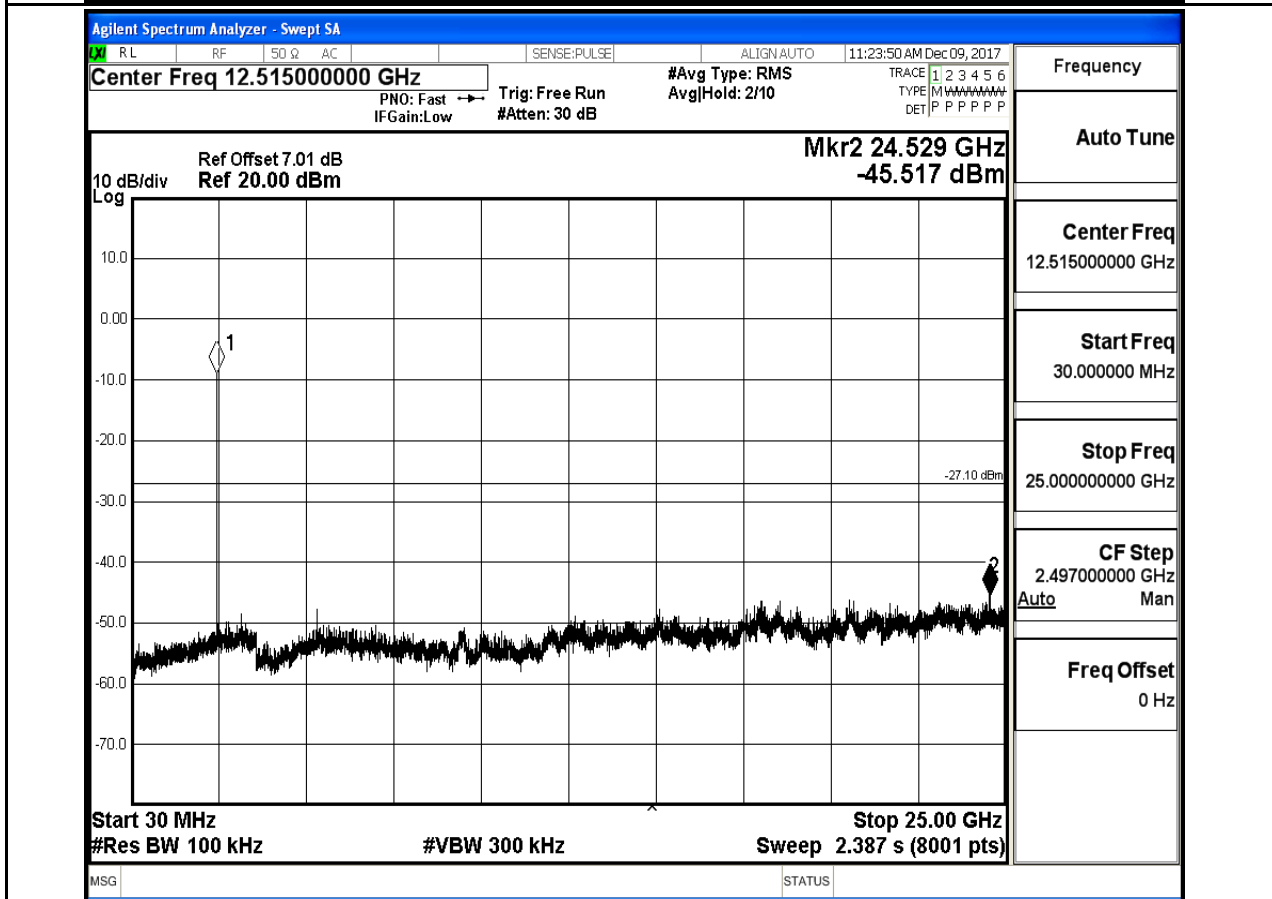
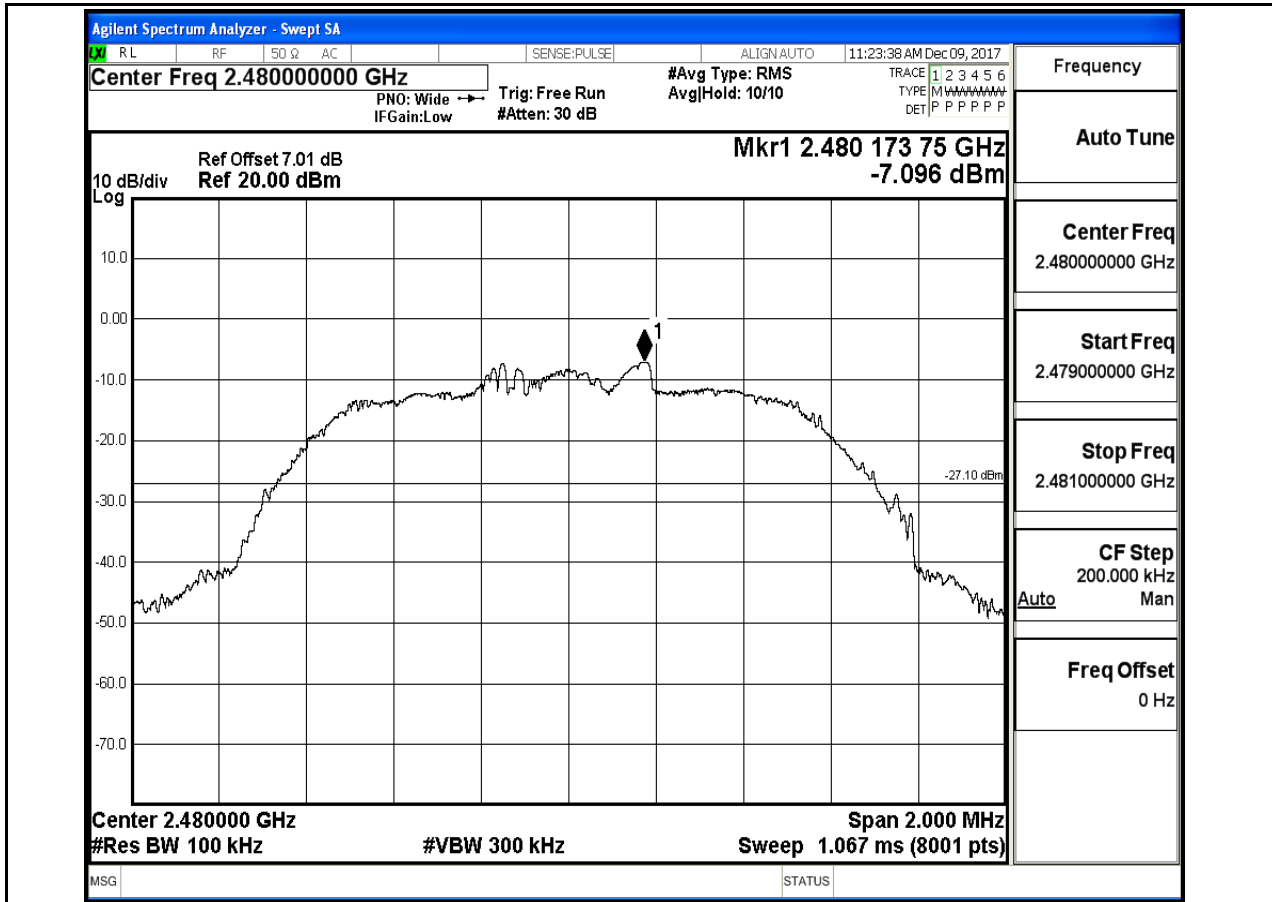
RF Conducted Spurious Emissions_π/4DQPSK_2402



RF Conducted Spurious Emissions_π/4DQPSK_2441



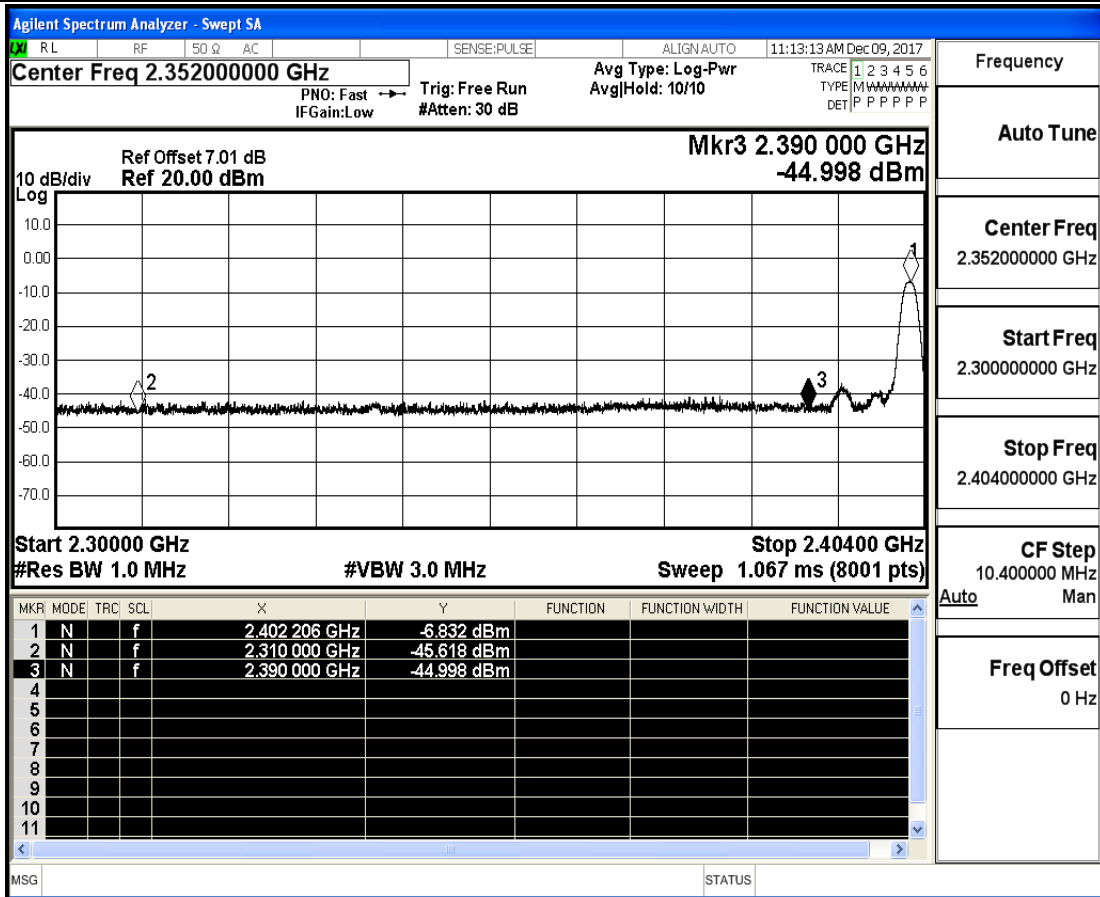
RF Conducted Spurious Emissions_π/4DQPSK_2480



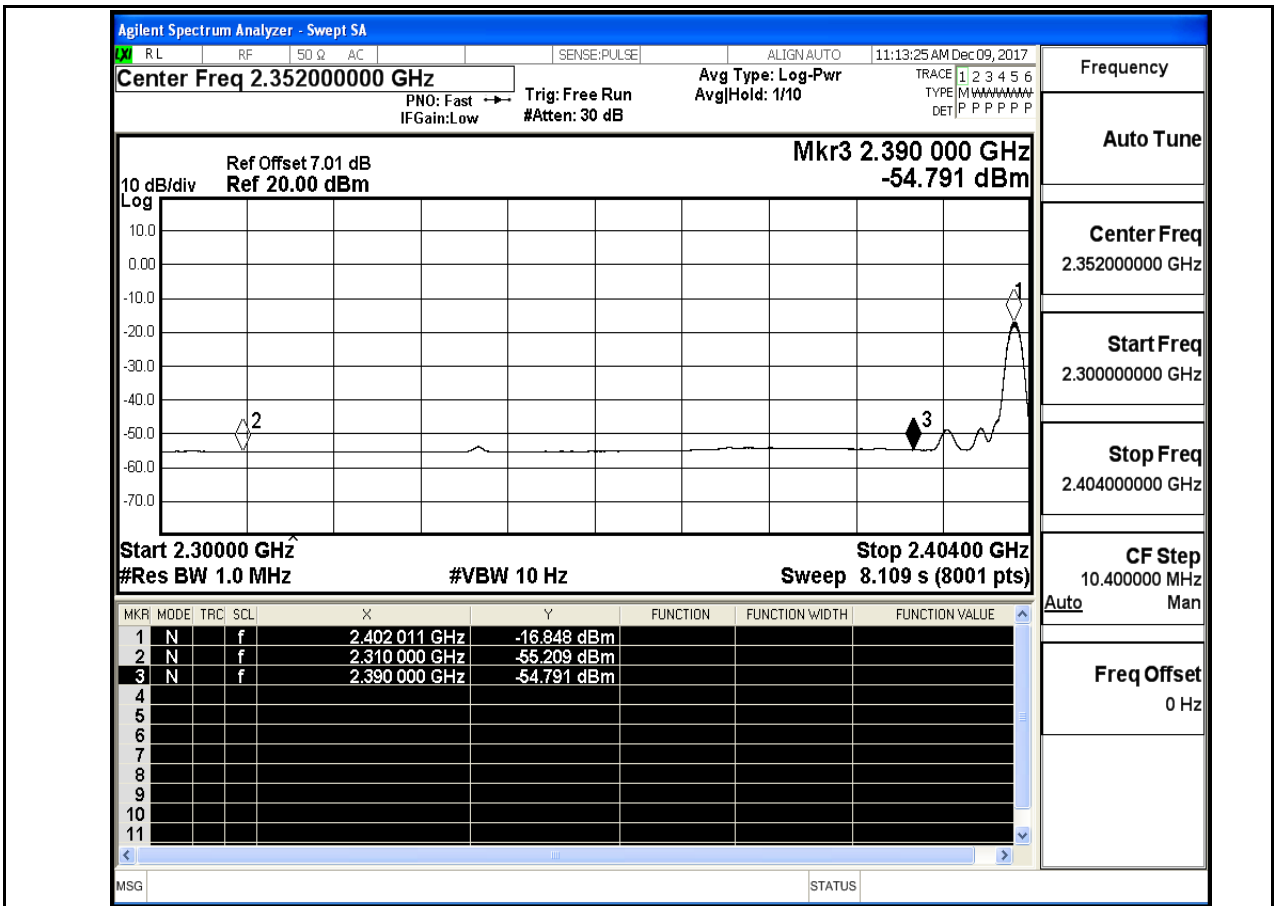
9.Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	On	2310.0	-45.62	2.0	0	51.64	PEAK	74	PASS
	On	2310.0	-55.21	2.0	0	42.05	AV	54	PASS
	On	2390.0	-45.00	2.0	0	52.26	PEAK	74	PASS
	On	2390.0	-54.79	2.0	0	42.47	AV	54	PASS
	On	2483.5	-43.81	2.0	0	53.45	PEAK	74	PASS
	On	2483.5	-53.49	2.0	0	43.76	AV	54	PASS
	On	2500.0	-42.66	2.0	0	54.60	PEAK	74	PASS
	On	2500.0	-53.92	2.0	0	43.33	AV	54	PASS
π /4DQPSK	On	2310.0	-44.84	2.0	0	52.41	PEAK	74	PASS
	On	2310.0	-55.21	2.0	0	42.05	AV	54	PASS
	On	2390.0	-43.83	2.0	0	53.43	PEAK	74	PASS
	On	2390.0	-54.81	2.0	0	42.45	AV	54	PASS
	On	2483.5	-43.72	2.0	0	53.54	PEAK	74	PASS
	On	2483.5	-53.99	2.0	0	43.27	AV	54	PASS
	On	2500.0	-43.88	2.0	0	53.38	PEAK	74	PASS
	On	2500.0	-53.98	2.0	0	43.28	AV	54	PASS

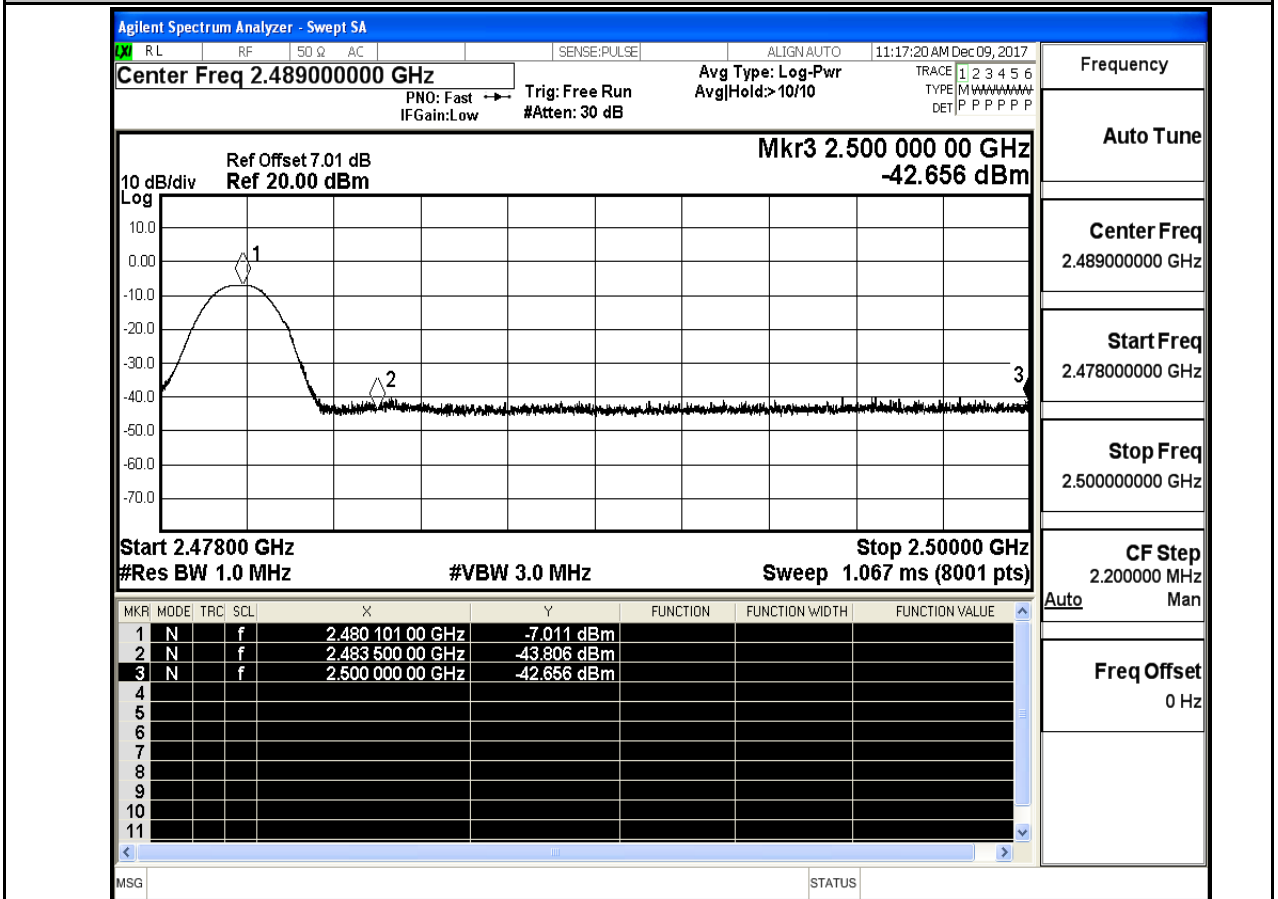
Restrict-band band-edge measurements_2402_PEAK



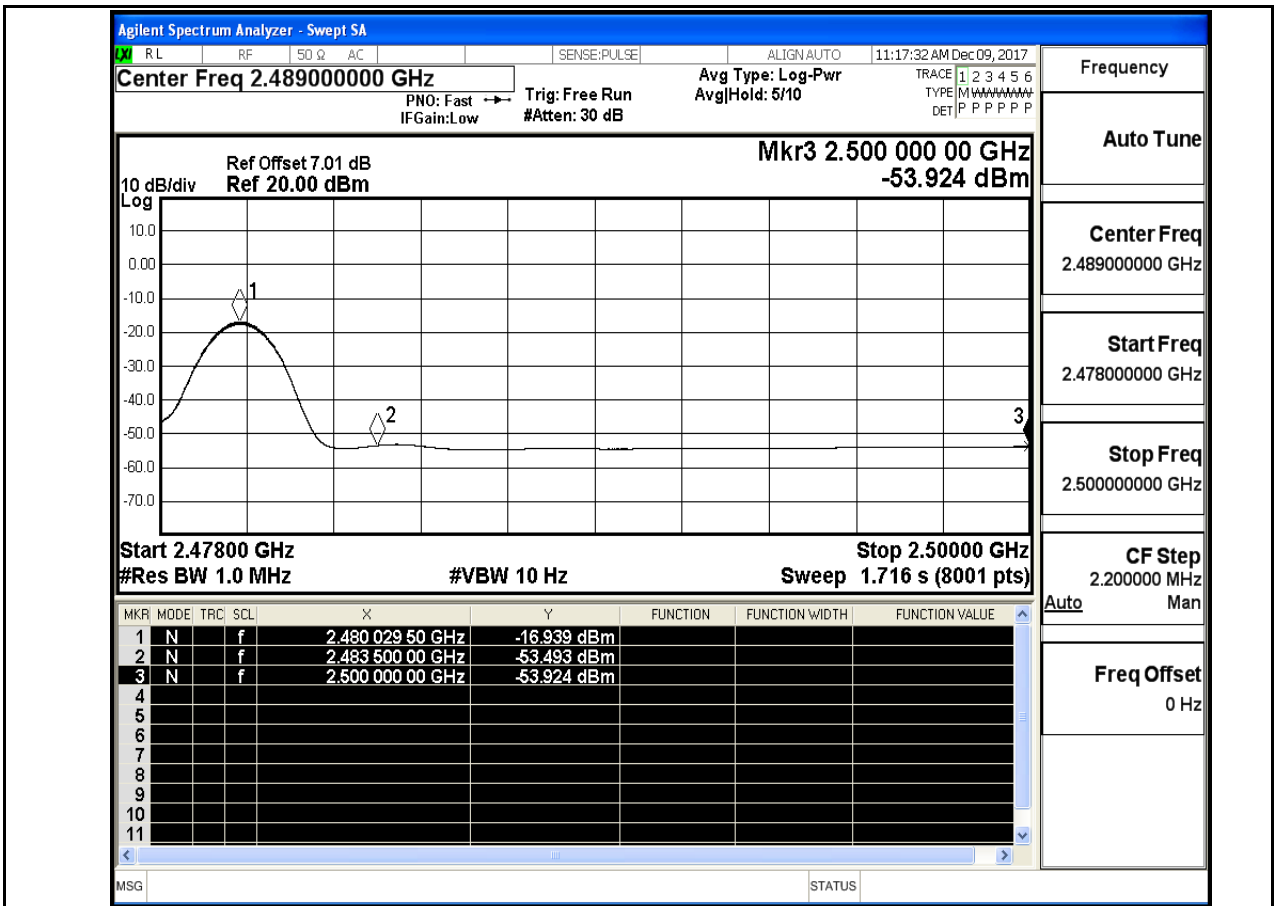
Restrict-band band-edge measurements_2402_AV



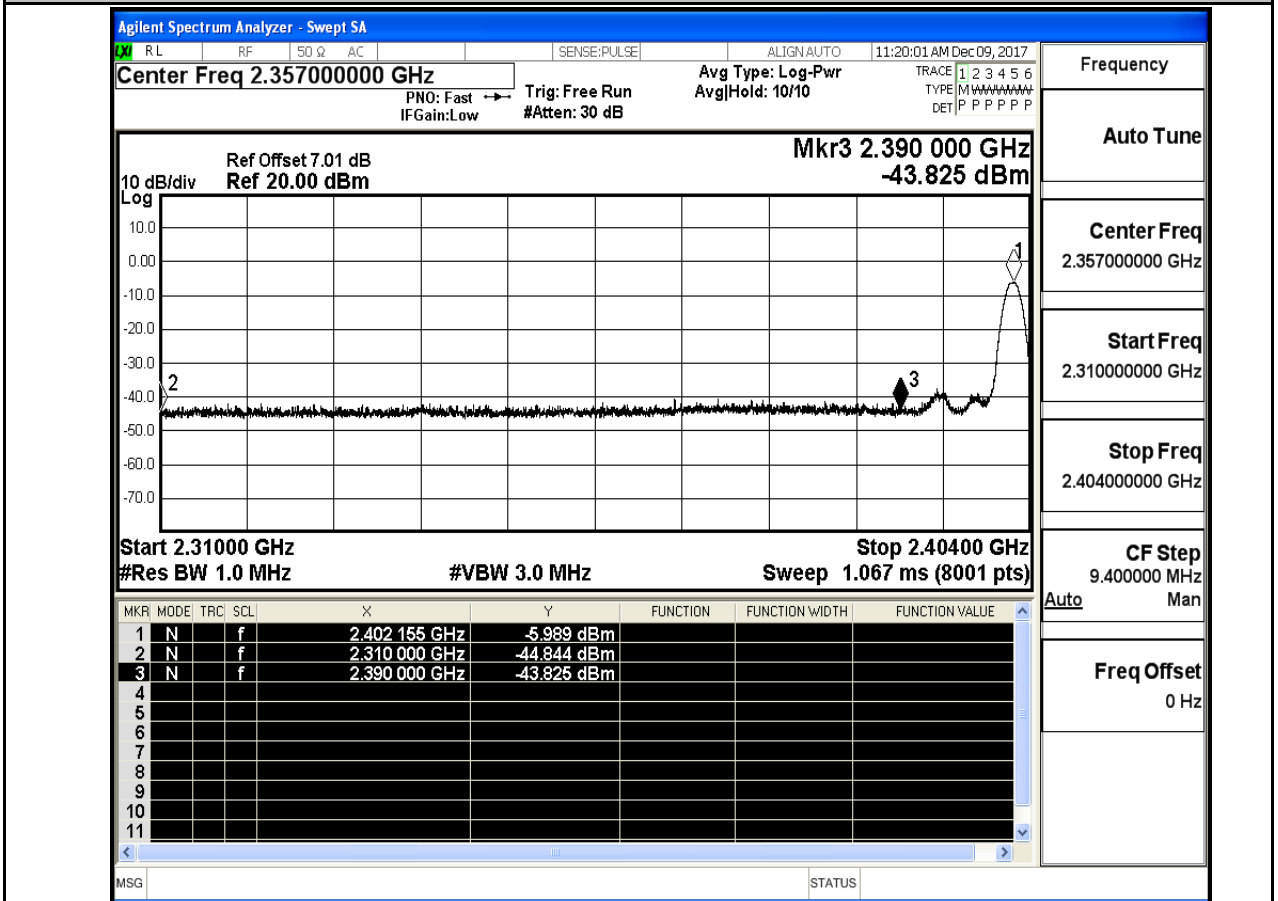
Restrict-band band-edge measurements_2480_PEAK



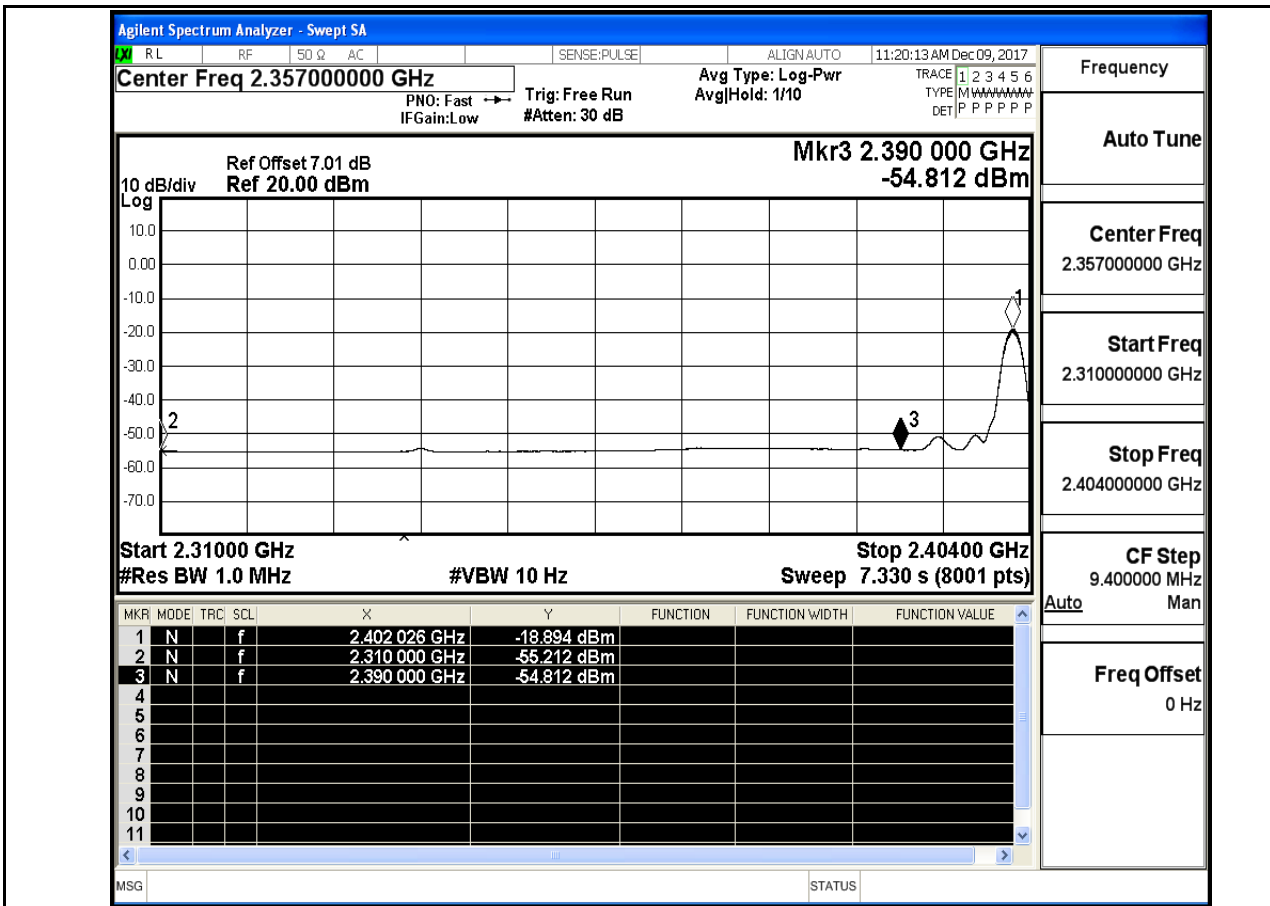
Restrict-band band-edge measurements_2480_AV



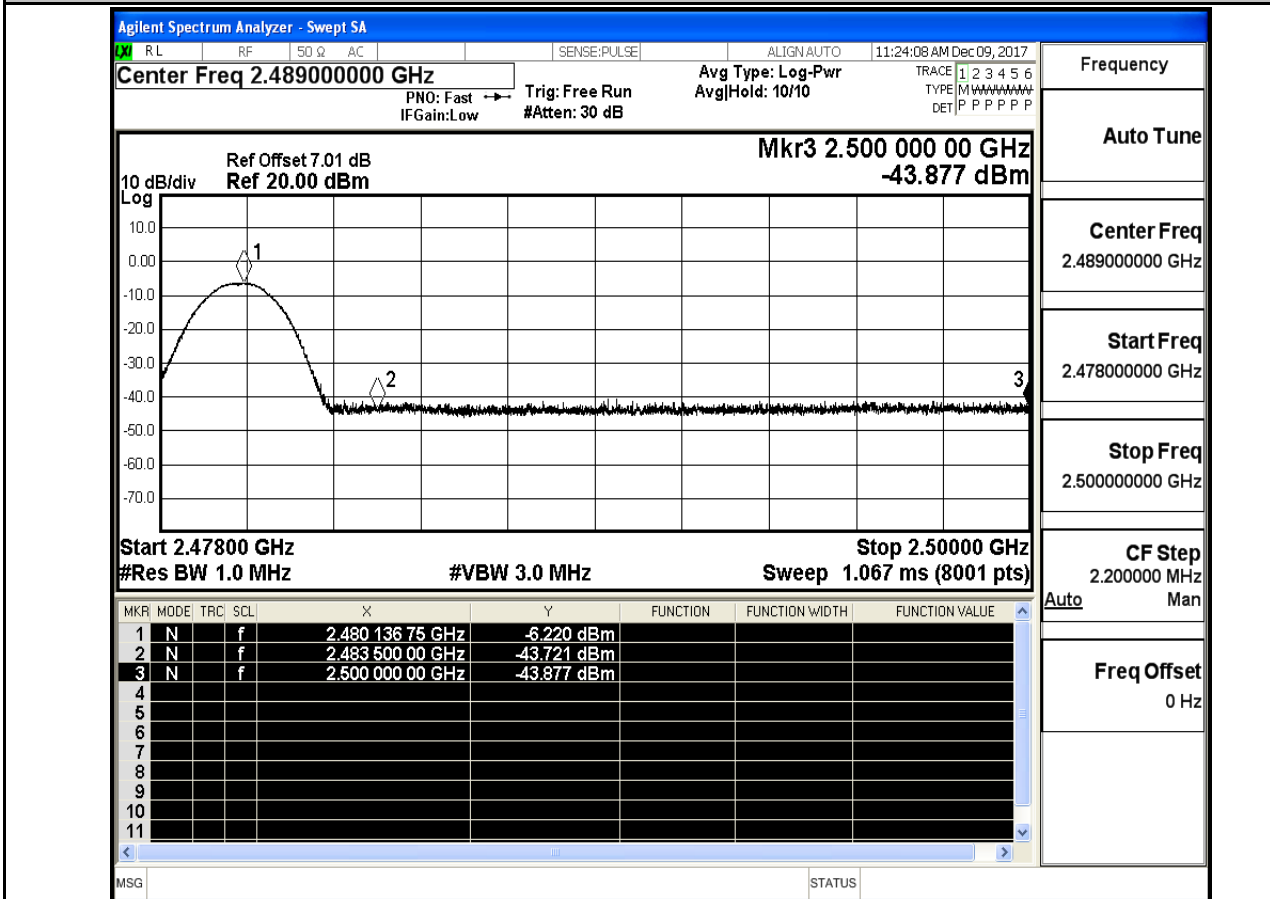
Restrict-band band-edge measurements_2402_PEAK



Restrict-band band-edge measurements_2402_AV



Restrict-band band-edge measurements_2480_PEAK



Restrict-band band-edge measurements_2480_AV

