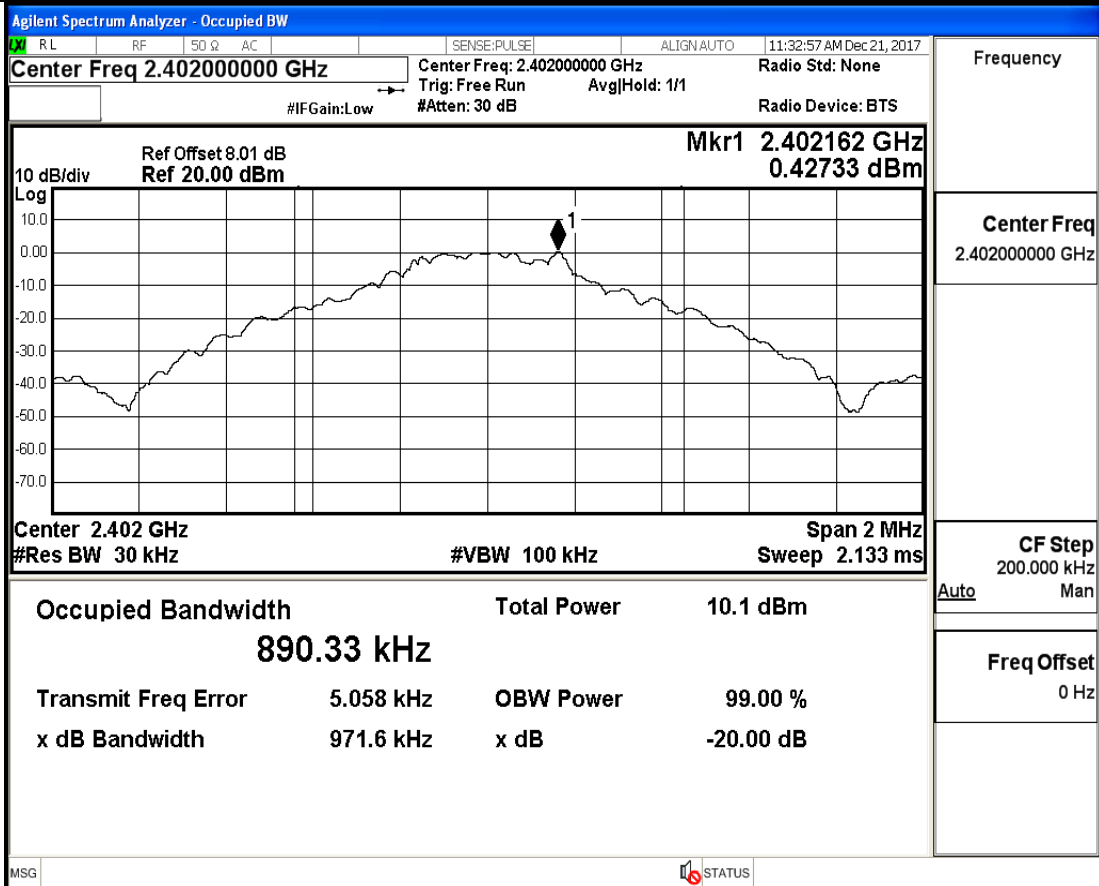


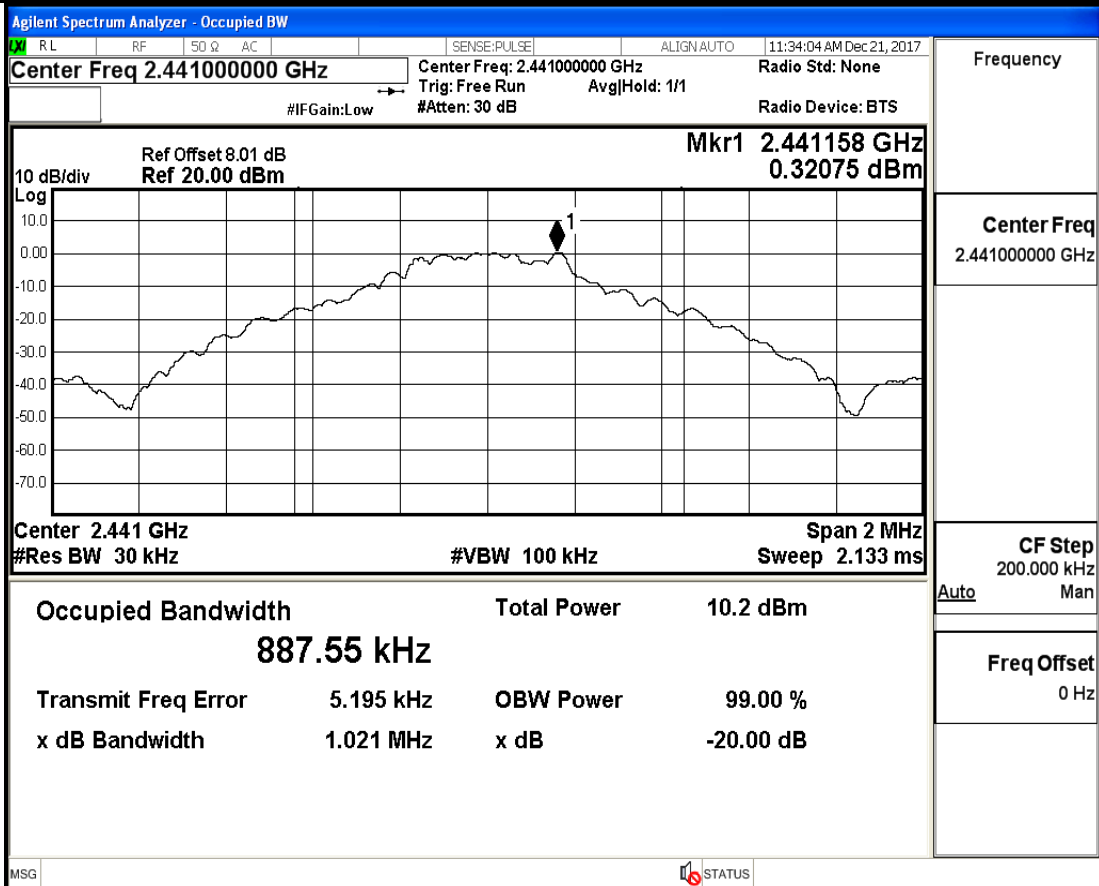
1.20 dB Bandwidth

Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
GFSK	2402	0.9716	---	PASS
	2441	1.021	---	PASS
	2480	0.9679	---	PASS
$\pi/4$ -DQPSK	2402	1.287	---	PASS
	2441	1.288	---	PASS
	2480	1.284	---	PASS

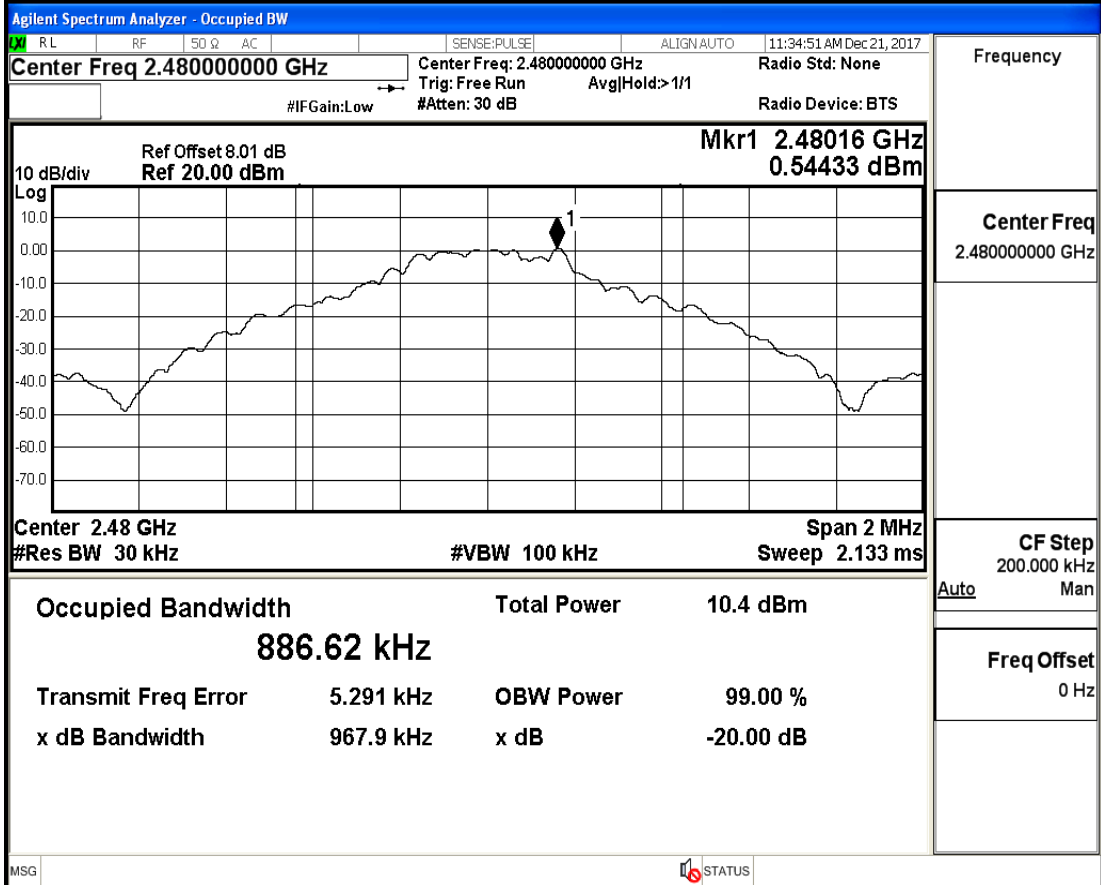
20 dB Bandwidth_GFSK_2402



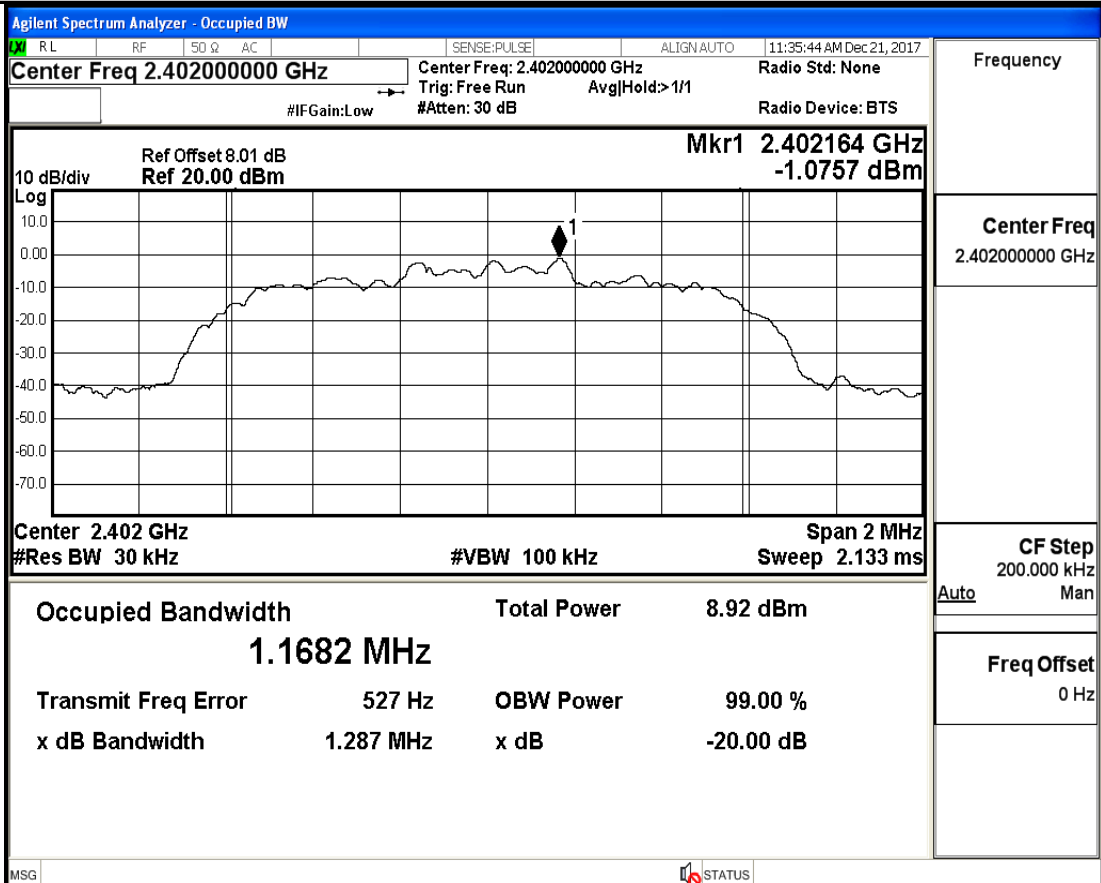
20 dB Bandwidth_GFSK_2441



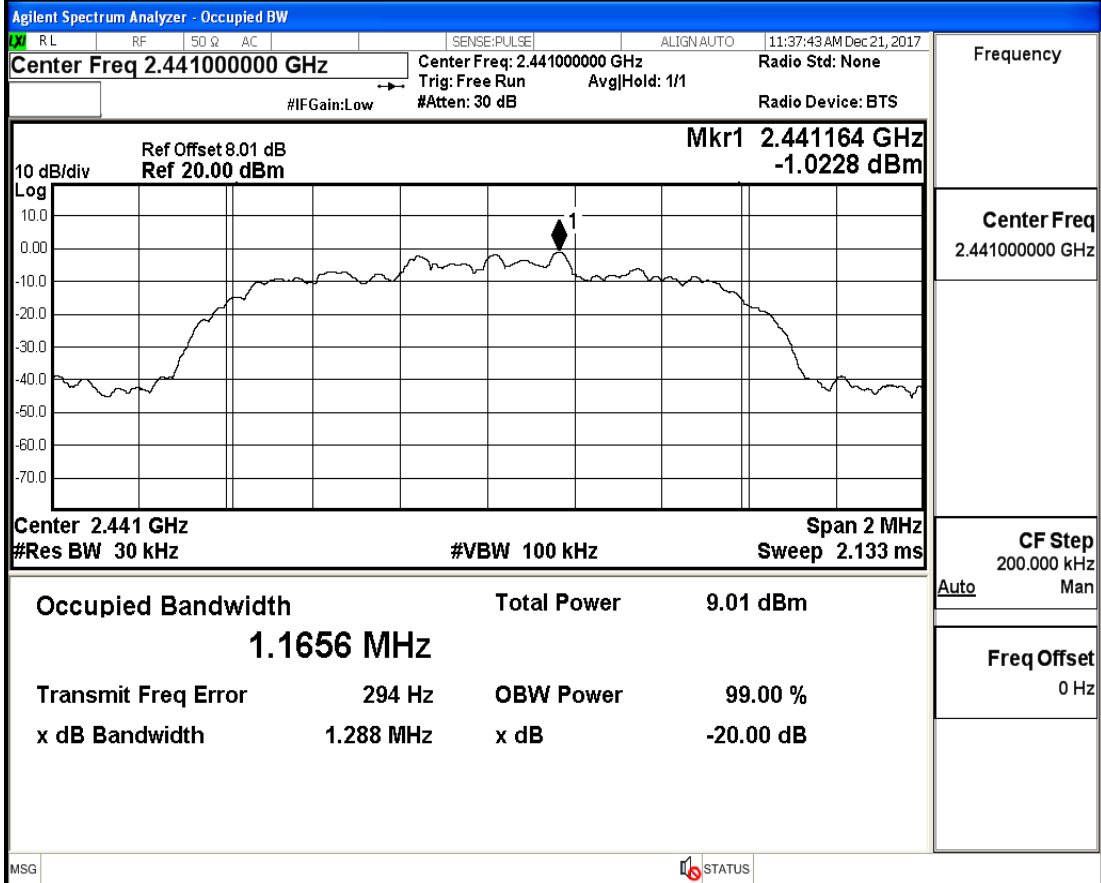
20 dB Bandwidth_GFSK_2480



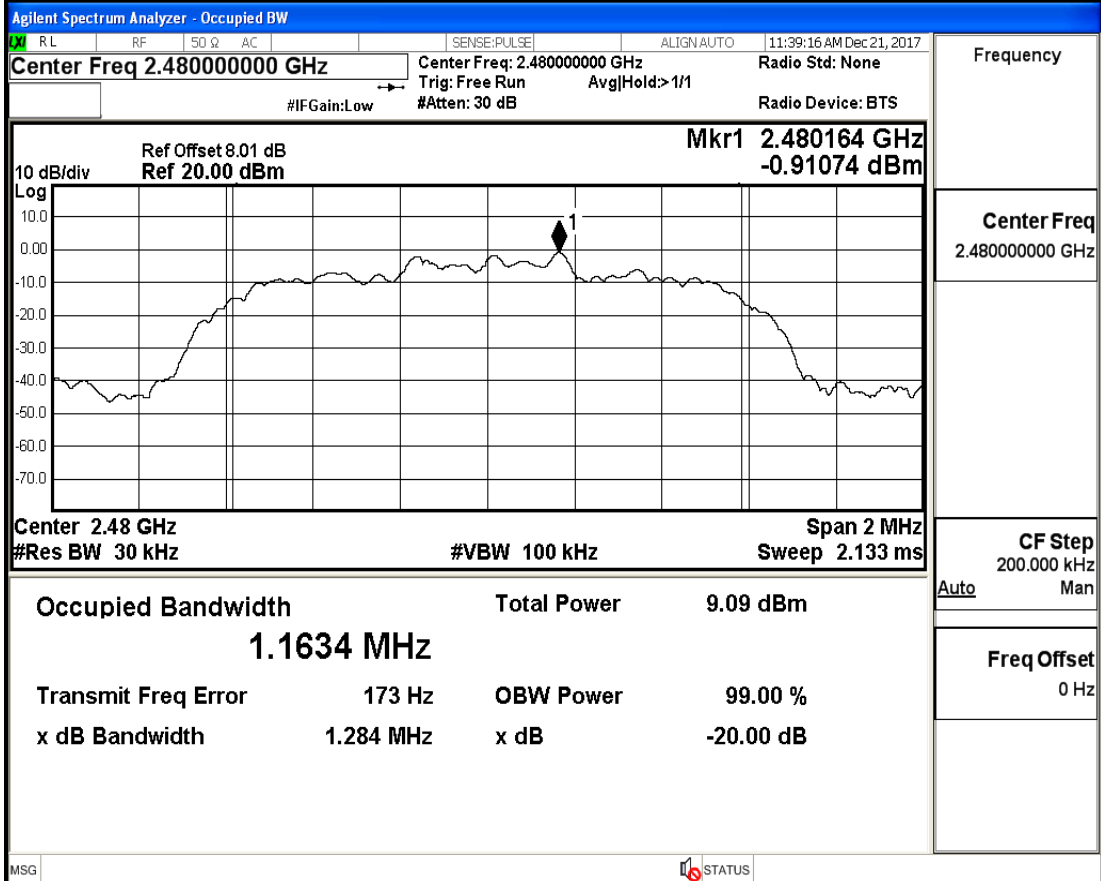
20 dB Bandwidth_π/4-DQPSK_2402



20 dB Bandwidth_π/4-DQPSK_2441



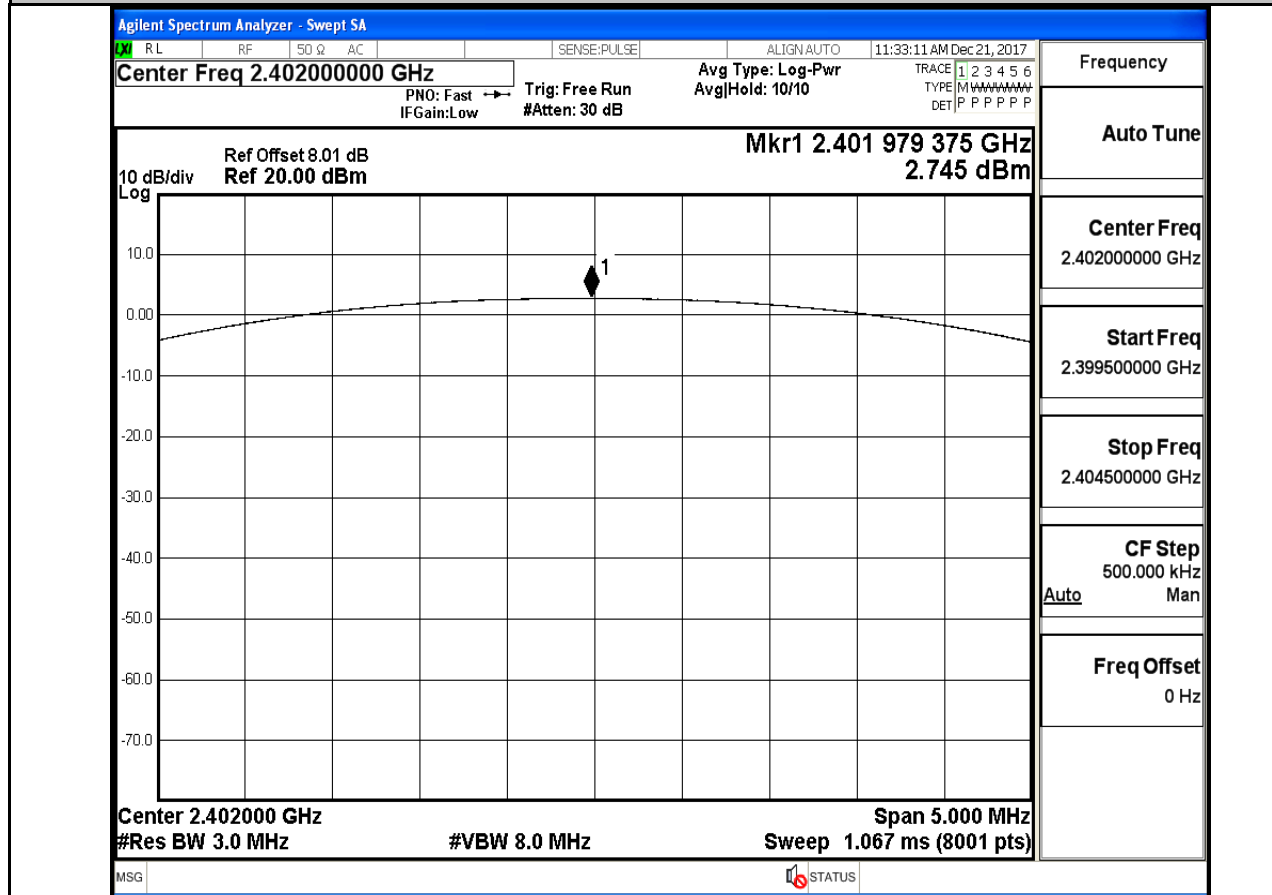
20 dB Bandwidth_π/4-DQPSK_2480



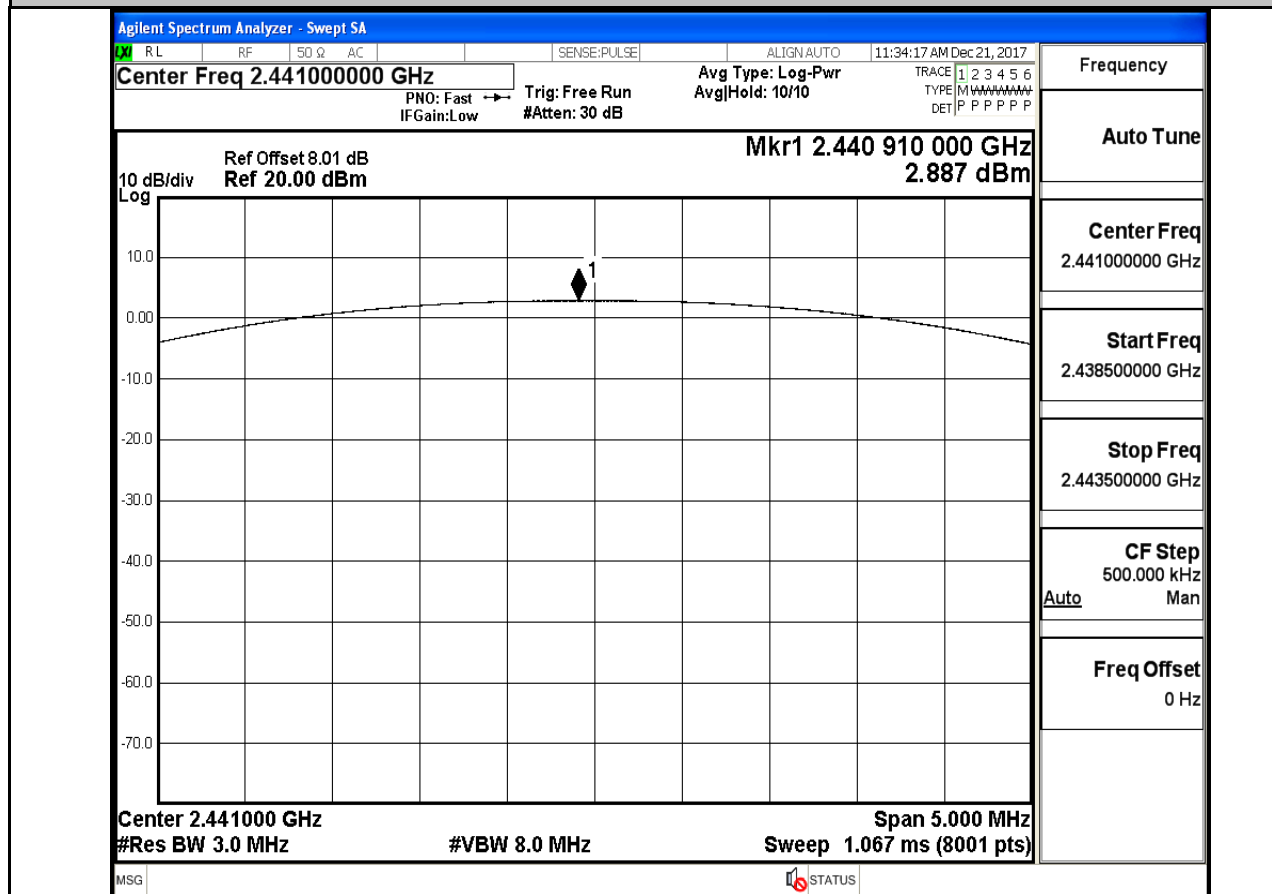
3. Conducted Peak Output Power

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
GFSK	2402	2.745	30	PASS
	2441	2.887	30	PASS
	2480	3.005	30	PASS
$\pi/4$ -DQPSK	2402	2.582	30	PASS
	2441	2.737	30	PASS
	2480	2.811	30	PASS

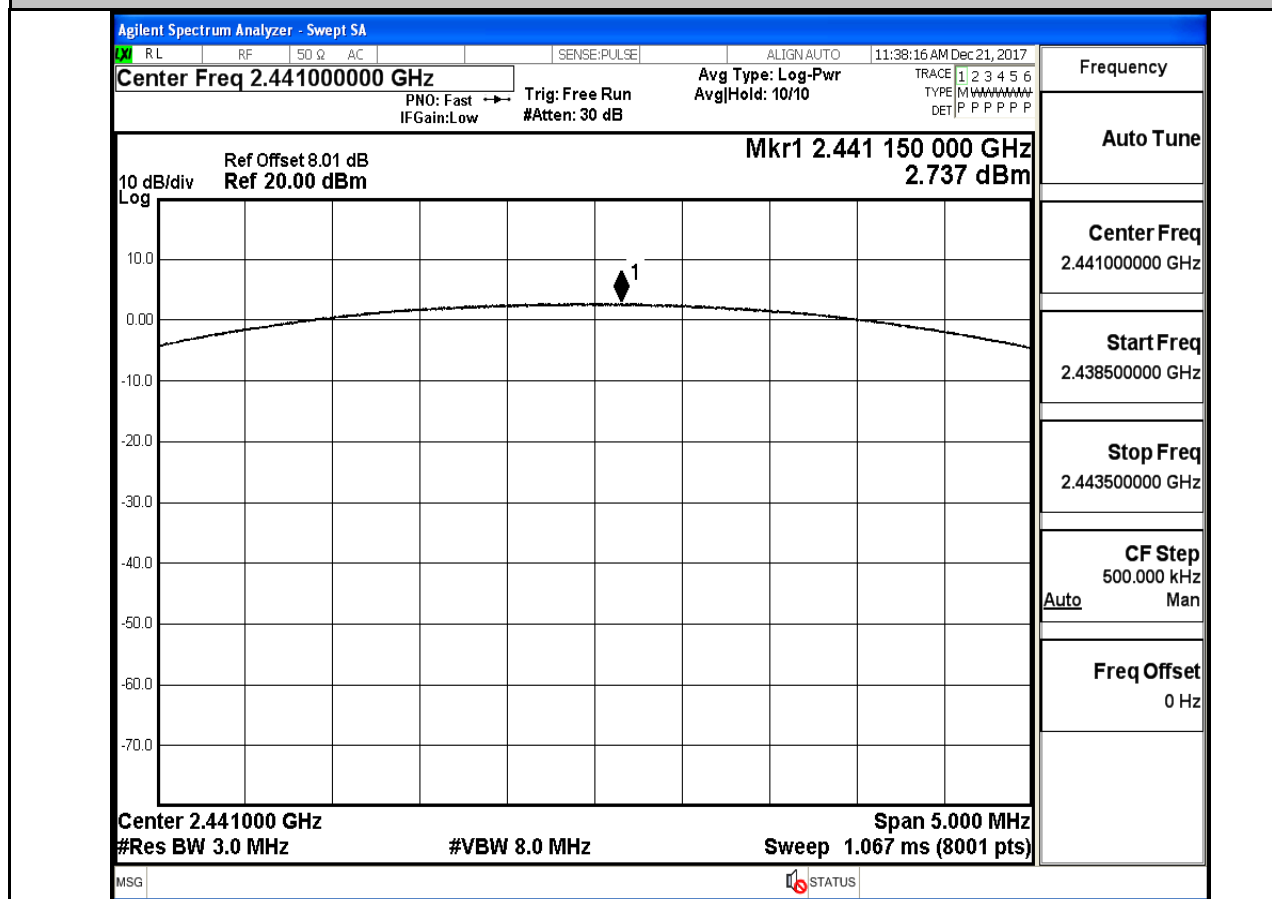
Conducted Peak Output Power_GFSK_2402



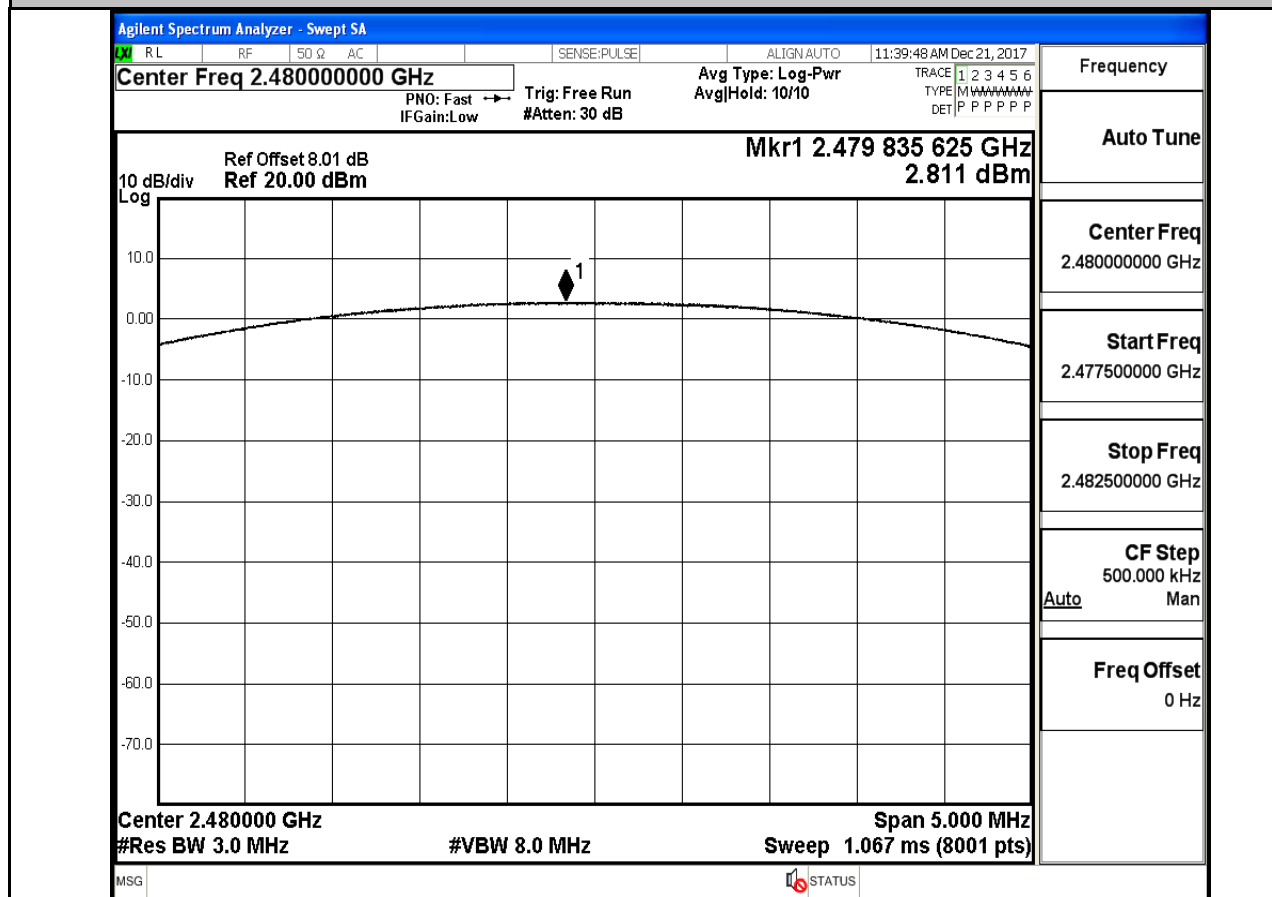
Conducted Peak Output Power_GFSK_2441



Conducted Peak Output Power_π/4-DQPSK_2441



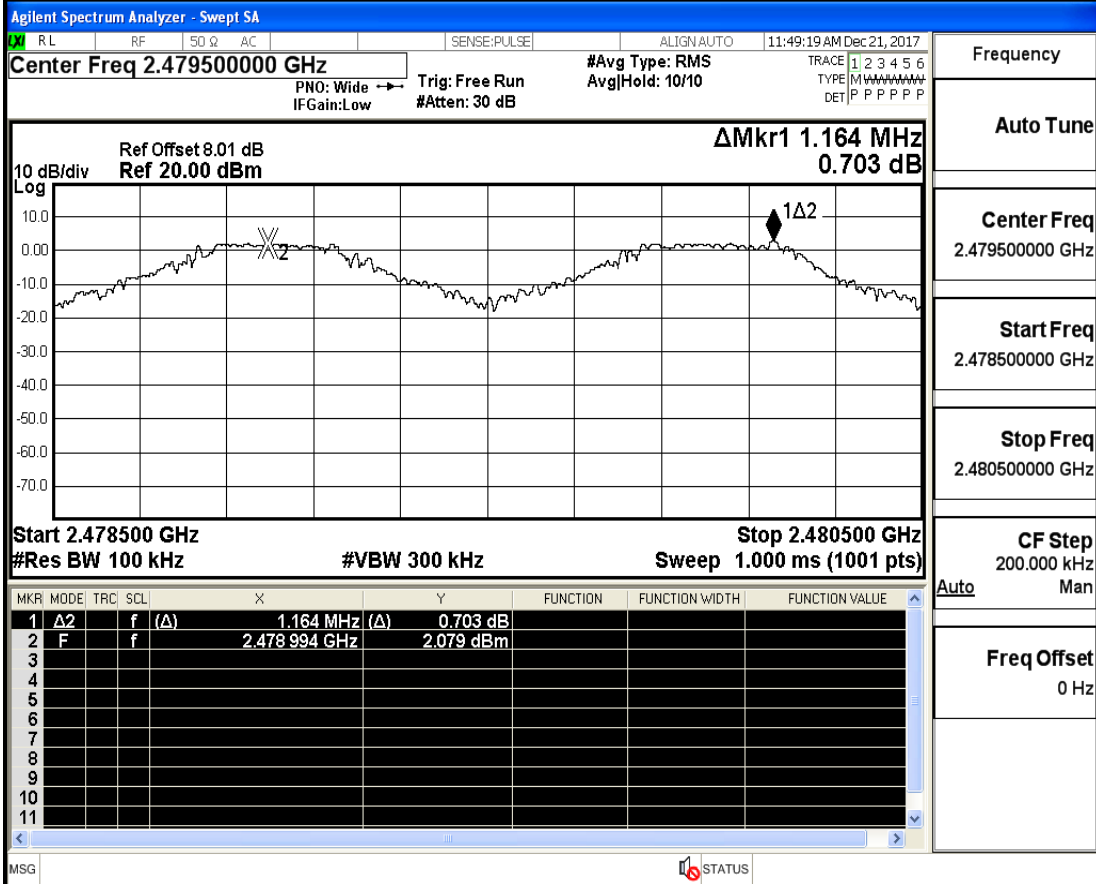
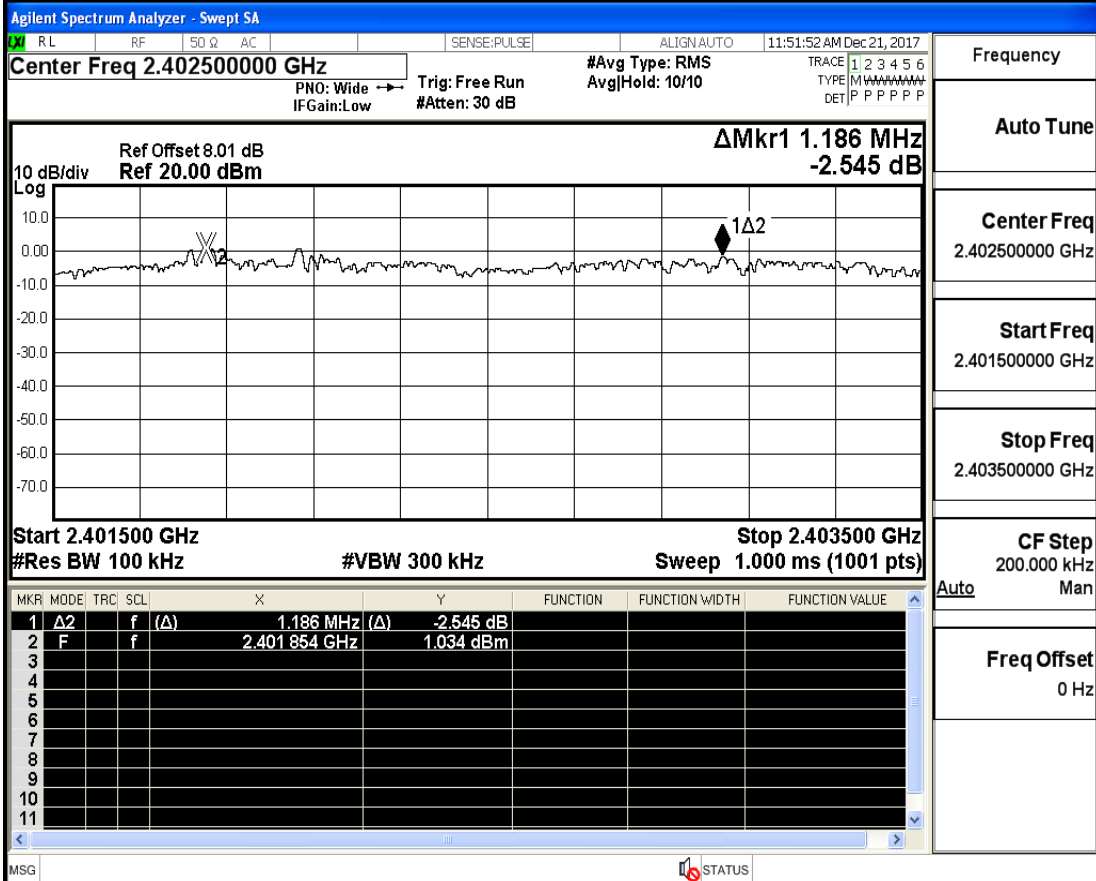
Conducted Peak Output Power_π/4-DQPSK_2480



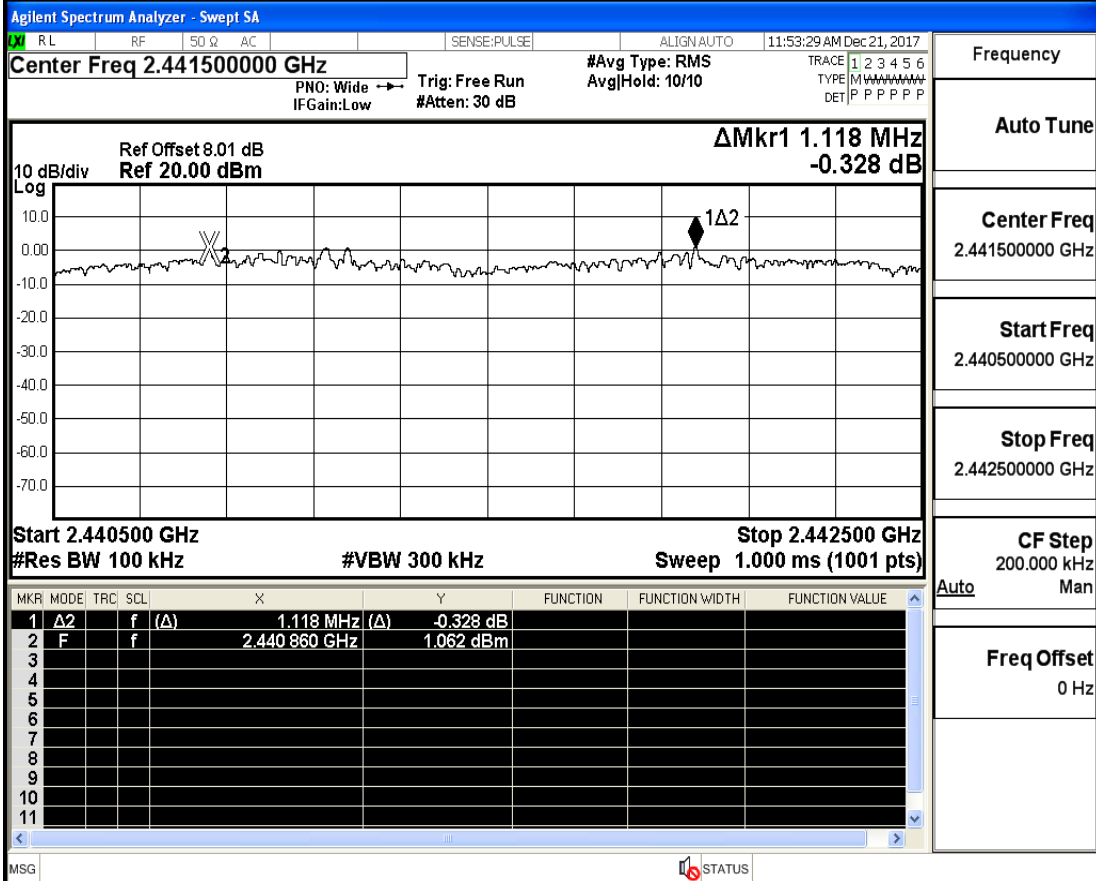
4.Carrier Frequency Separation

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
GFSK	2402	0.915	0.65	PASS
	2441	1.012	0.68	PASS
	2480	1.164	0.65	PASS
$\pi/4$ -DQPSK	2402	1.186	0.86	PASS
	2441	1.118	0.86	PASS
	2480	1.2	0.86	PASS

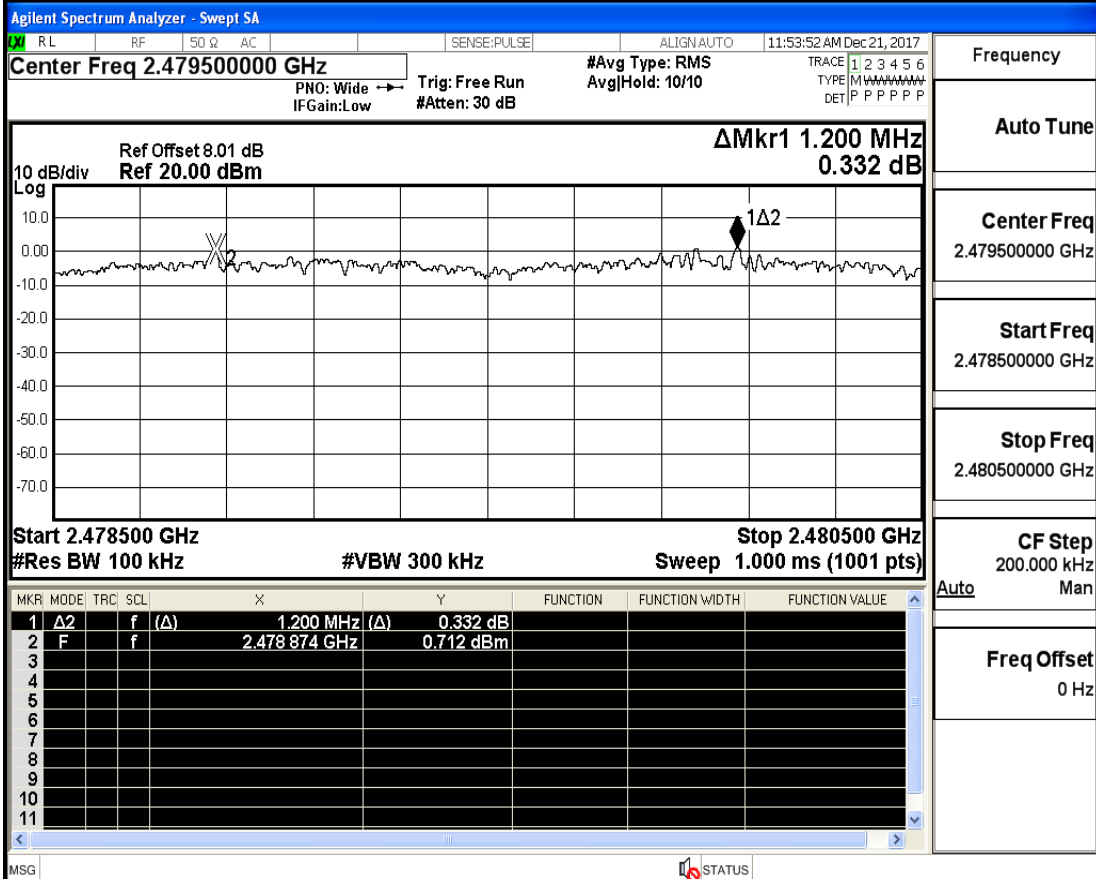
Carrier Frequency Separation_GFSK_2480

Carrier Frequency Separation_ $\pi/4$ -DQPSK_2402

Carrier Frequency Separation_π/4-DQPSK_2441



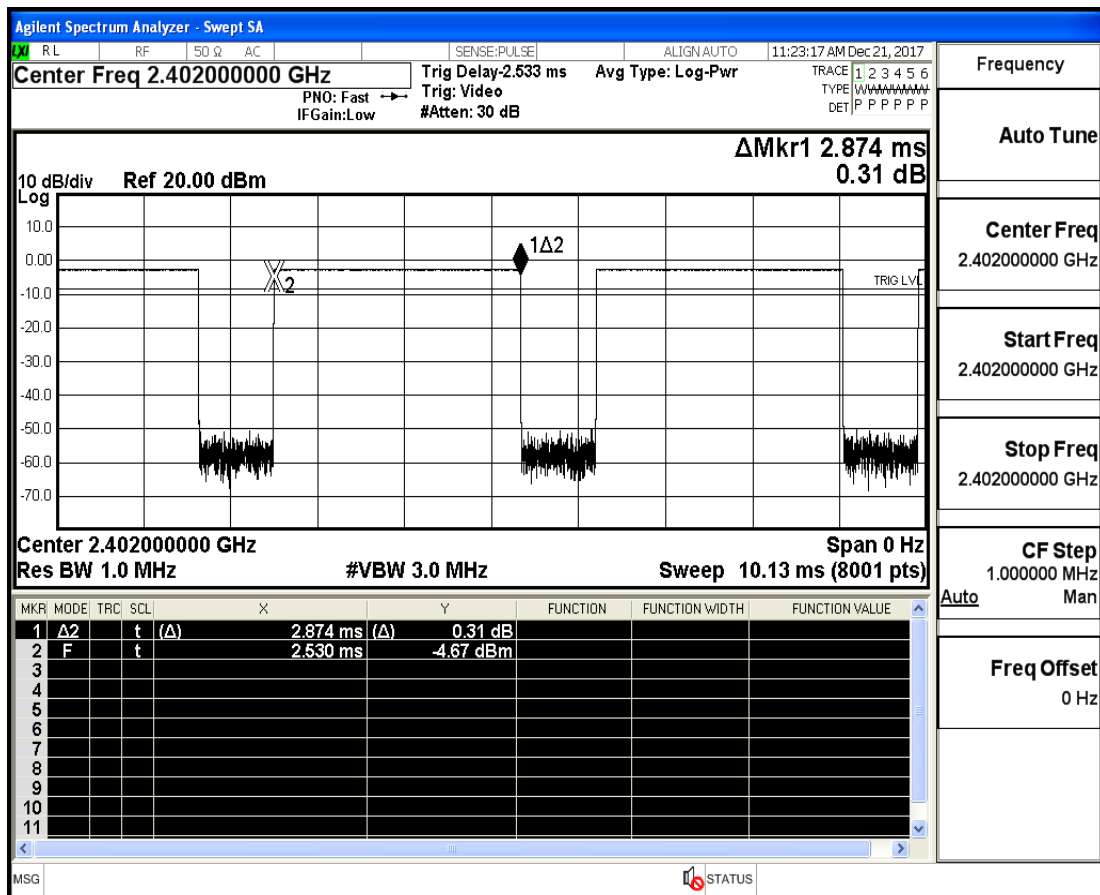
Carrier Frequency Separation_π/4-DQPSK_2480



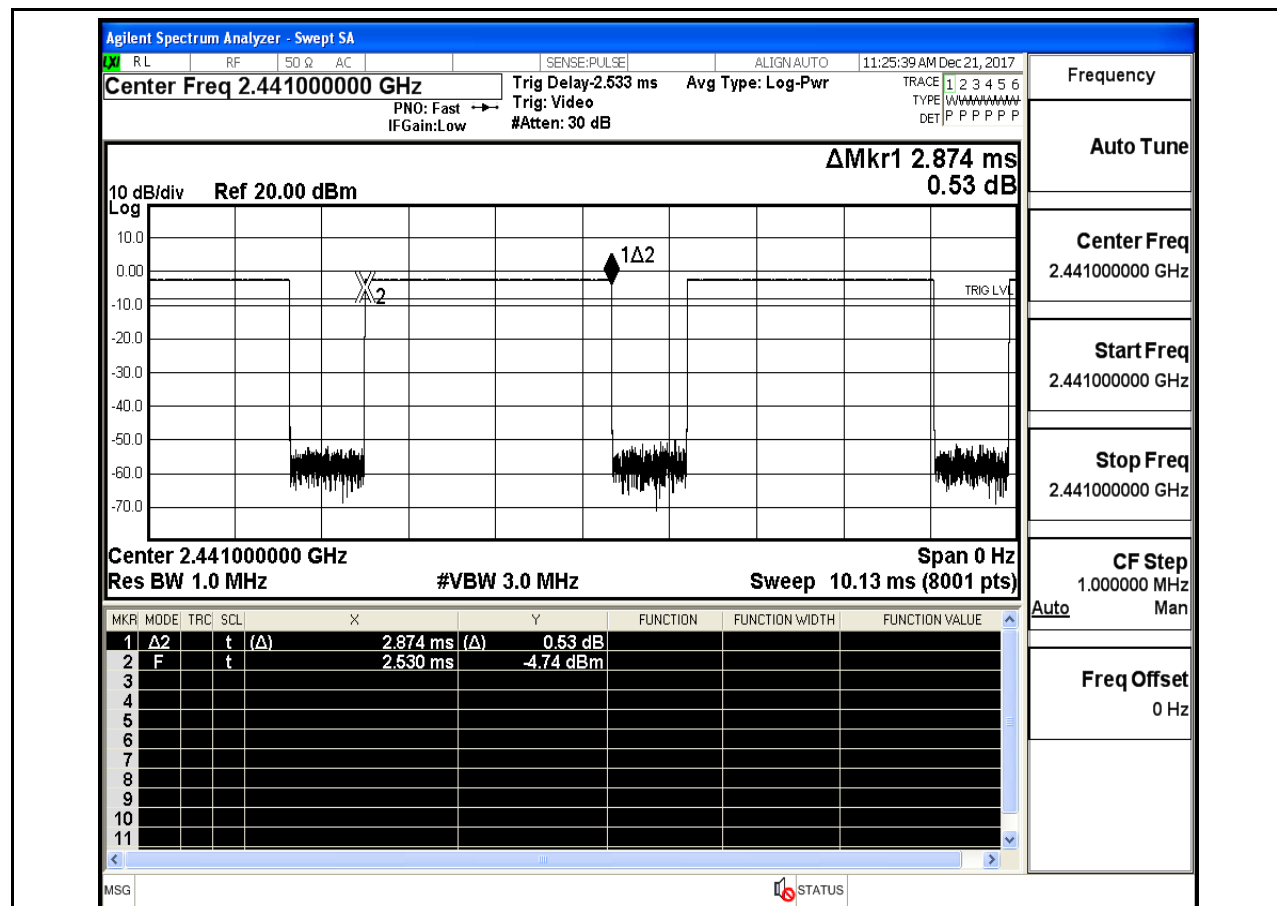
5.Dwell Time

Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
GFSK	2402	2.87	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
$\pi/4$ -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

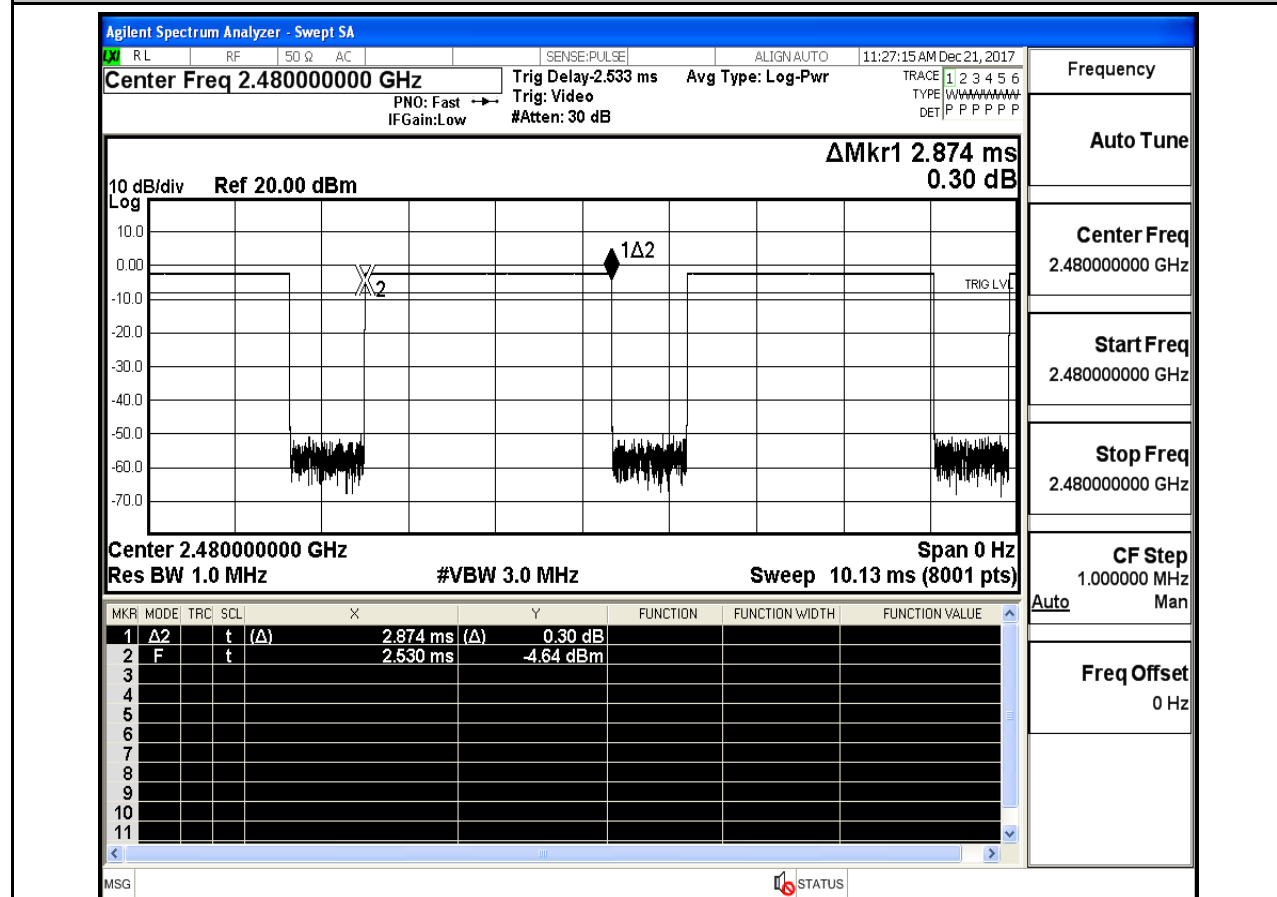
Dwell Time_GFSK_2402



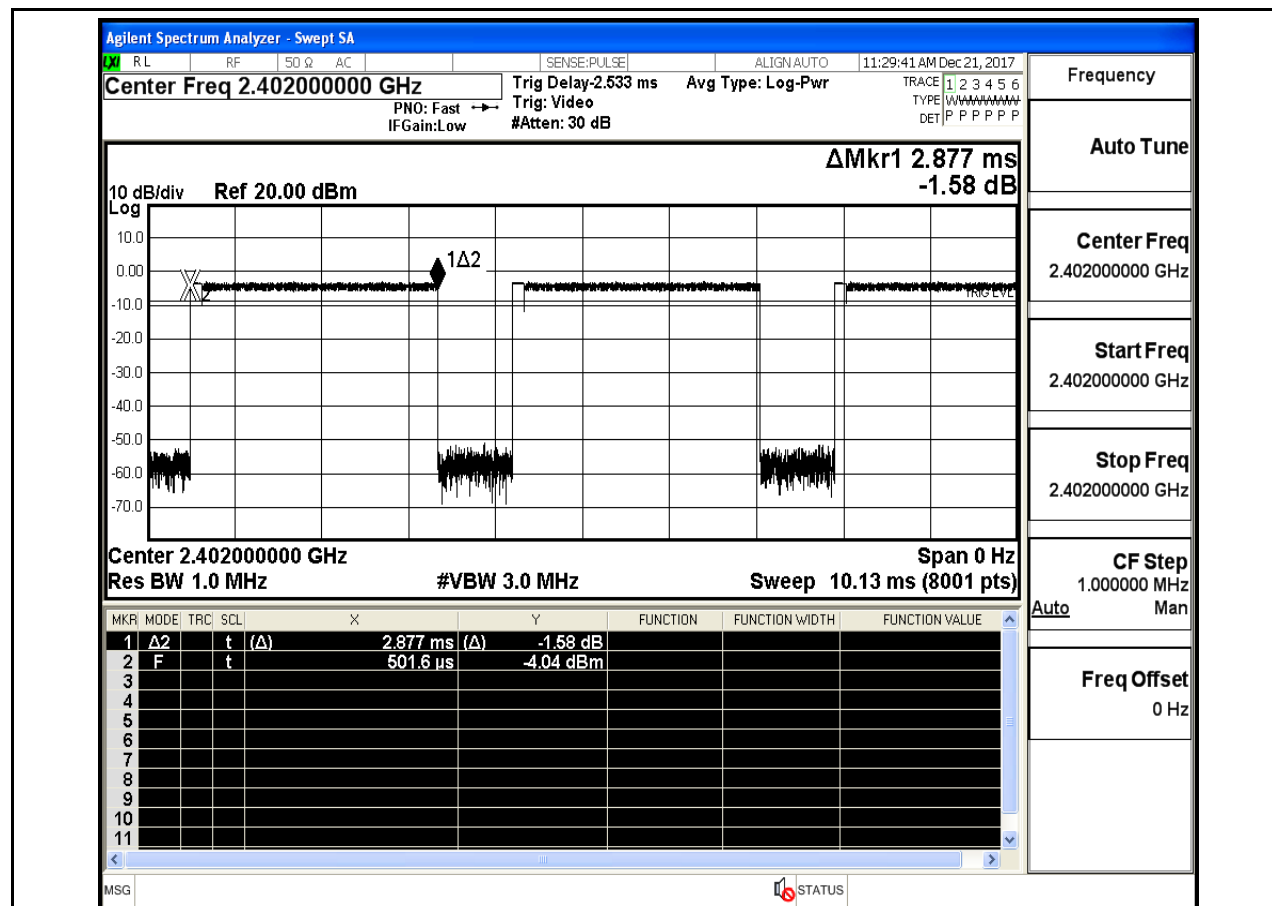
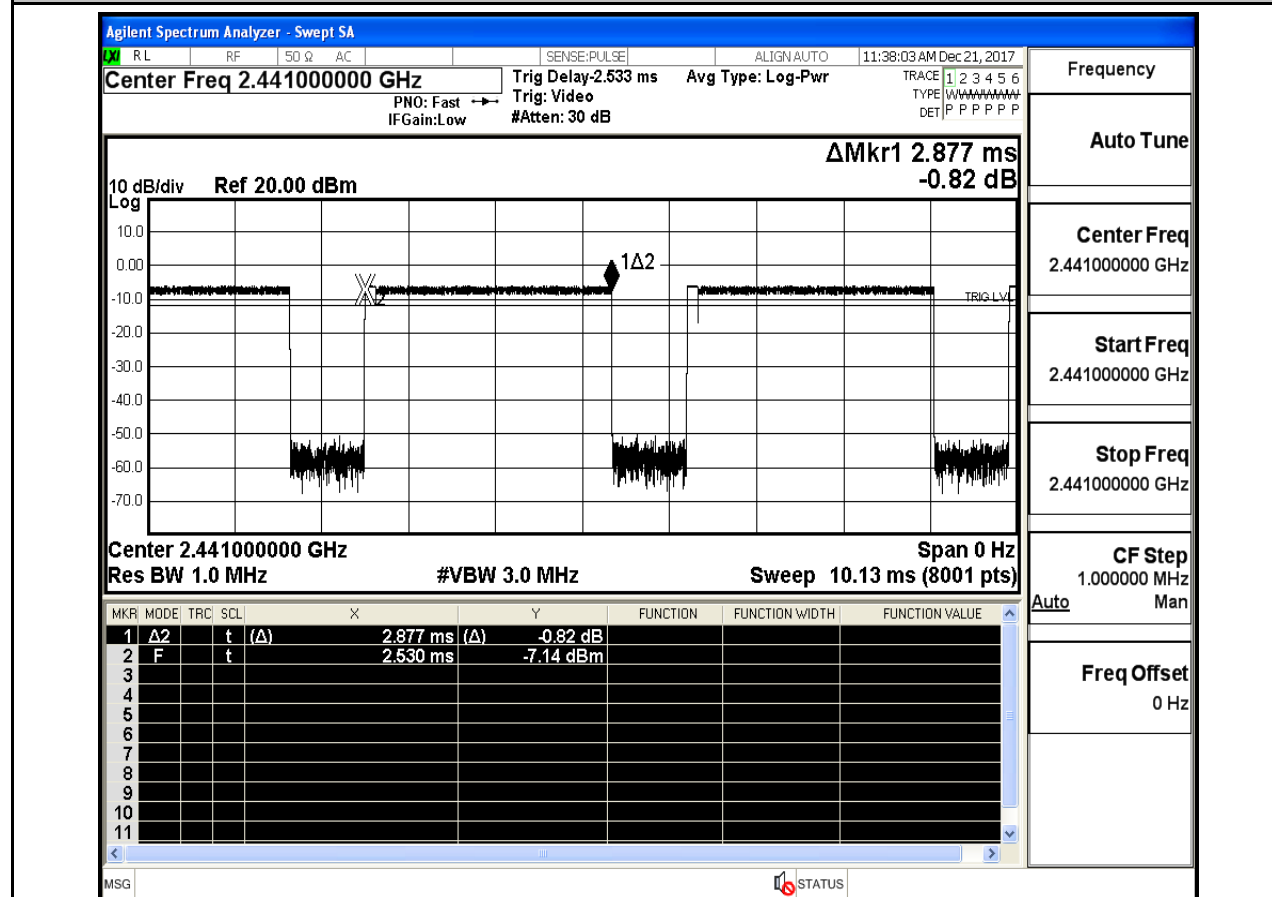
Dwell Time_GFSK_2441



Dwell Time_GFSK_2480



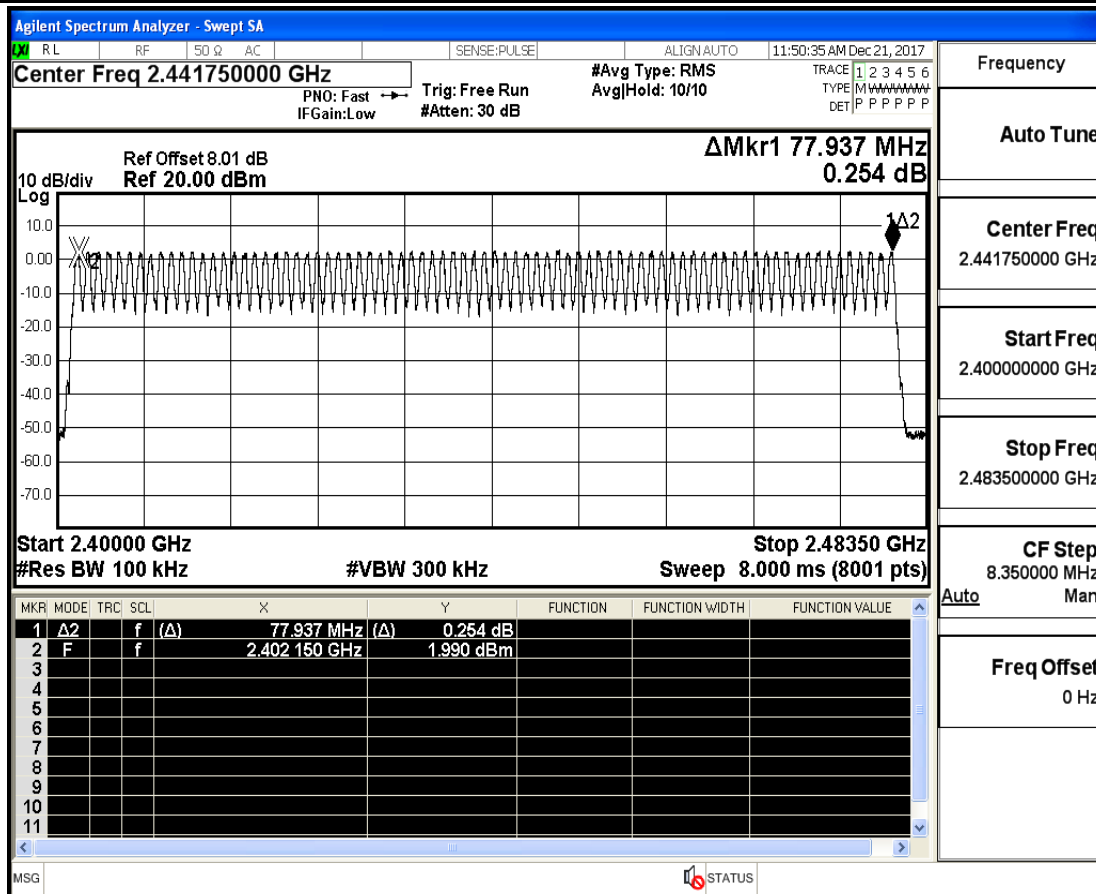
Dwell Time_π/4-DQPSK_2402

Dwell Time $\pi/4$ -DQPSK_2441Dwell Time $\pi/4$ -DQPSK_2480

6.Hopping Channel Number

Test Mode	Test Channel	Number of Hopping Channel[N]	Limit[N]	Verdict
GFSK	2402	79	≥ 15	PASS
$\pi/4$ -DQPSK	2402	79	≥ 15	PASS

Hopping Channel Number_GFSK_2402



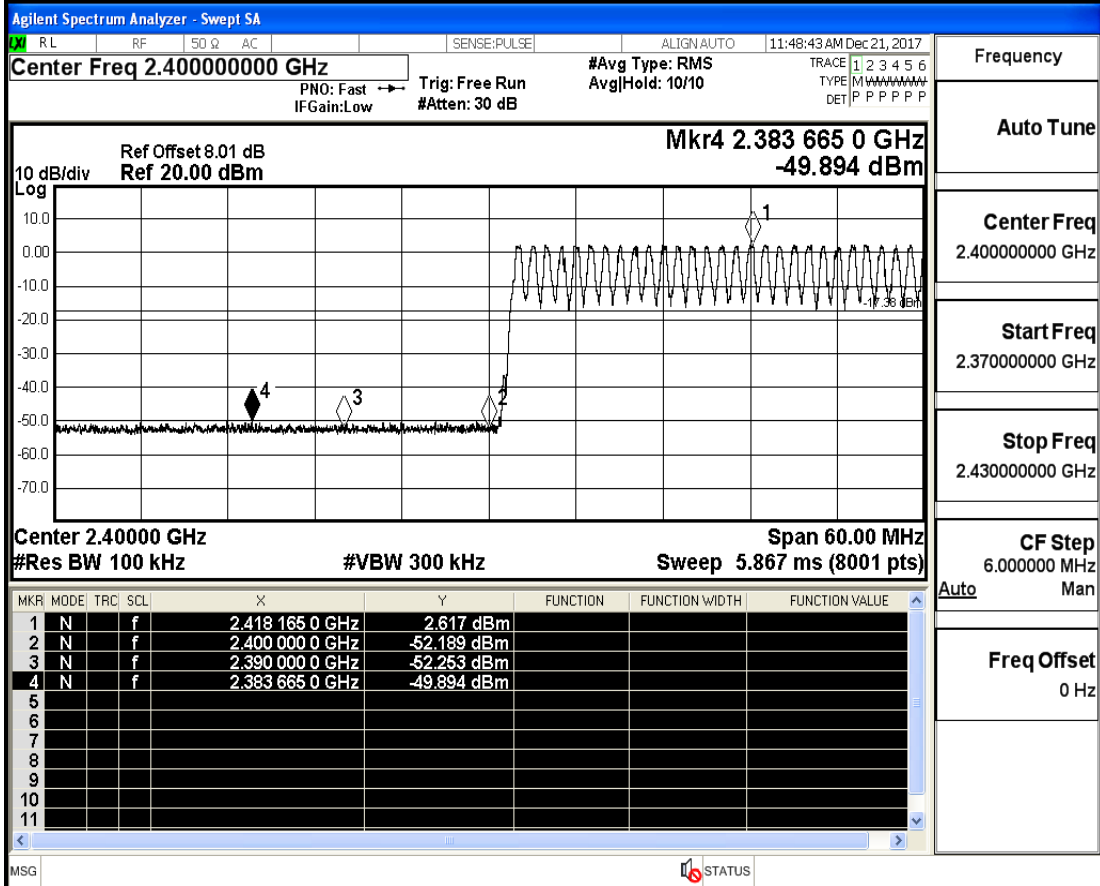
Frequency
Auto Tune
Center Freq 2.441750000 GHz
Start Freq 2.400000000 GHz
Stop Freq 2.483500000 GHz
CF Step 8.350000 MHz
Auto Man
Freq Offset 0 Hz

Hopping Channel Number_π/4-DQPSK_2402

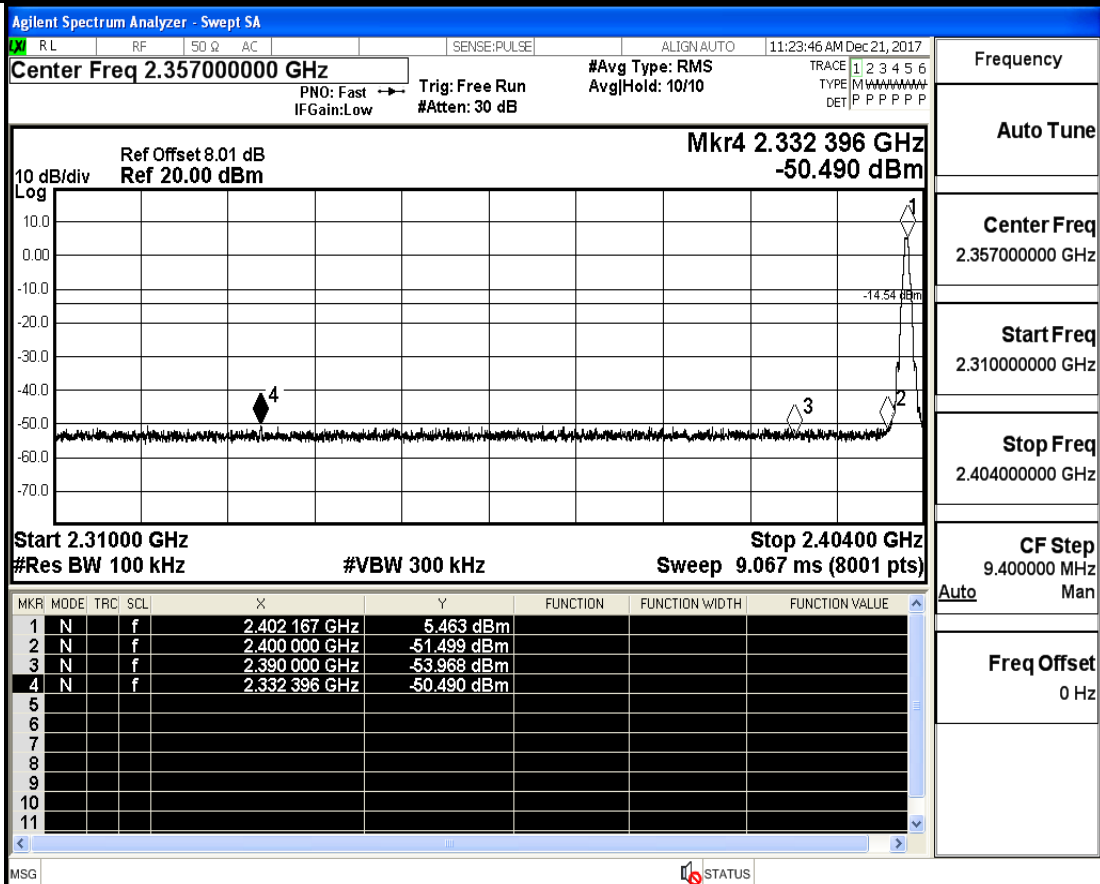
7.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
GFSK	2402	On	2.617	-49.894	-17.38	PASS
	2402	Off	5.463	-50.490	-14.54	PASS
	2480	On	2.818	-49.812	-17.18	PASS
	2480	Off	5.561	-49.946	-14.44	PASS
$\pi/4$ -DQPSK	2402	On	1.776	-49.774	-18.22	PASS
	2402	Off	1.116	-50.338	-18.88	PASS
	2480	On	1.817	-49.176	-18.18	PASS
	2480	Off	1.902	-50.631	-18.1	PASS

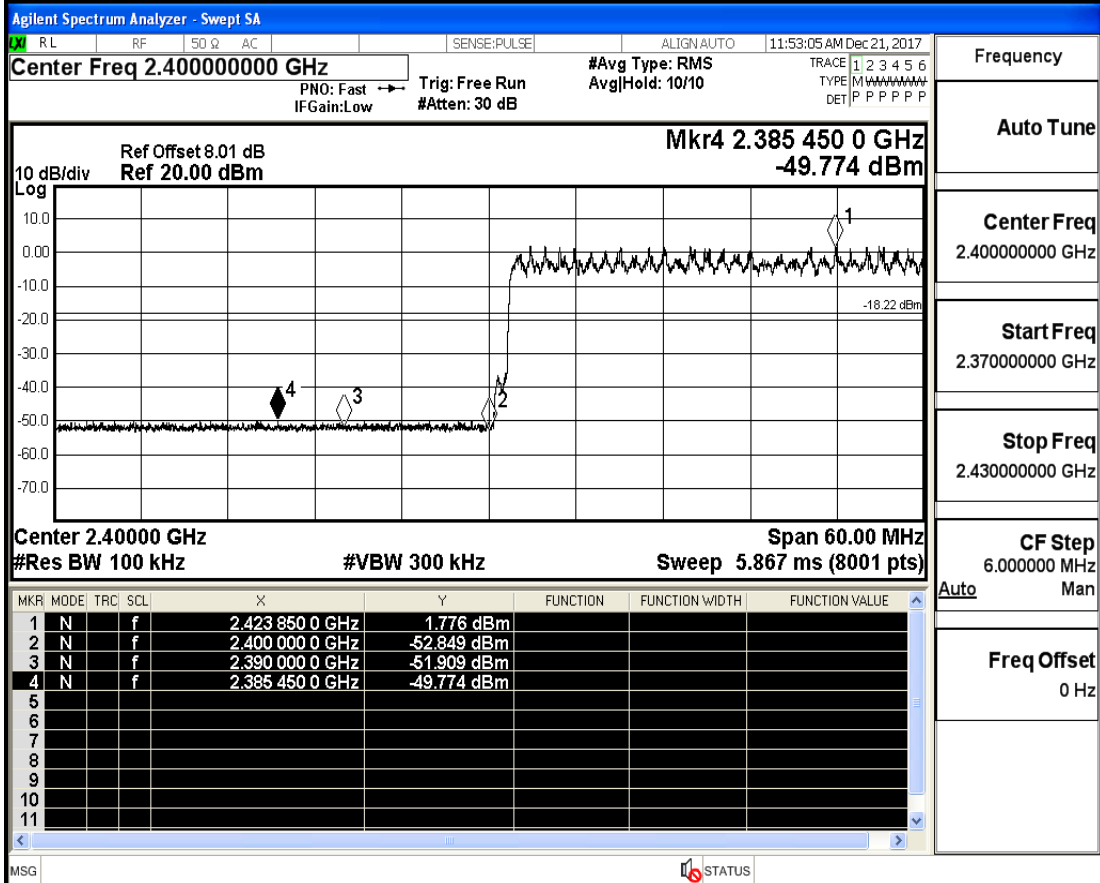
Band-edge for RF Conducted Emissions_GFSK_2402_Hopping On



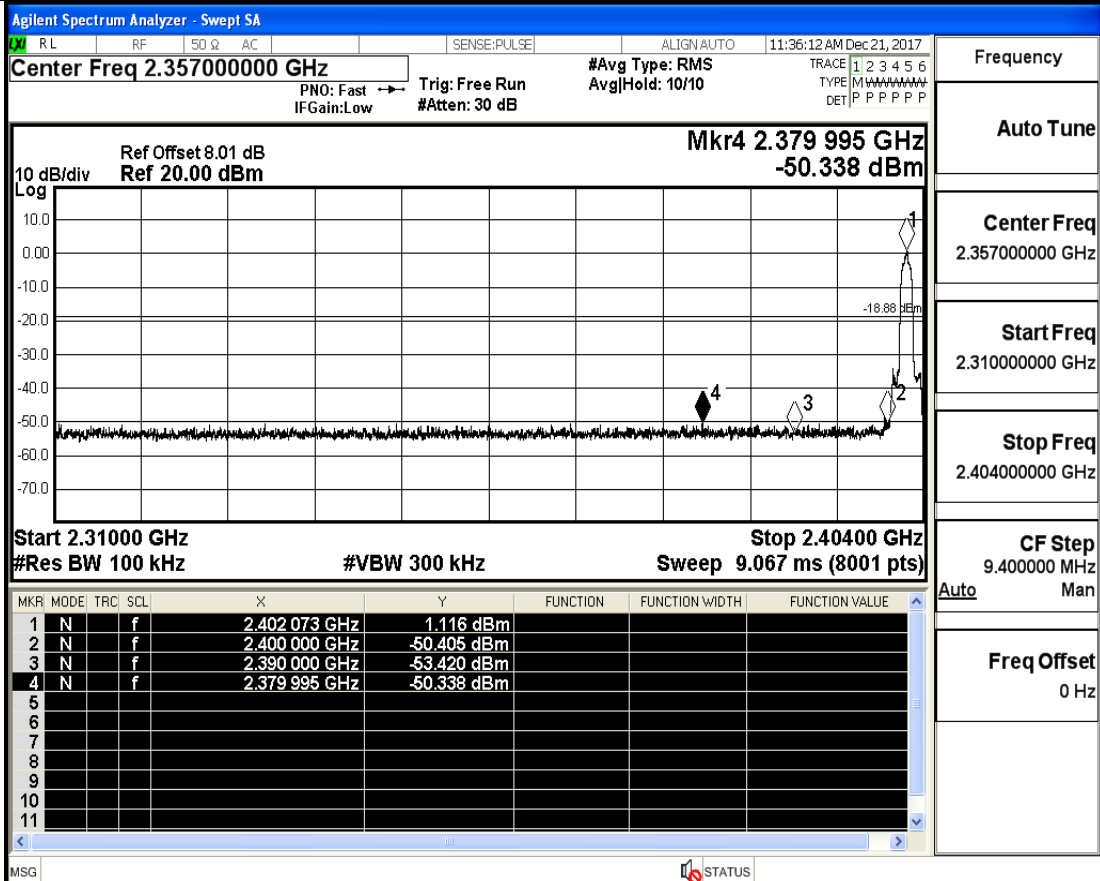
Band-edge for RF Conducted Emissions_GFSK_2402_Hopping Off

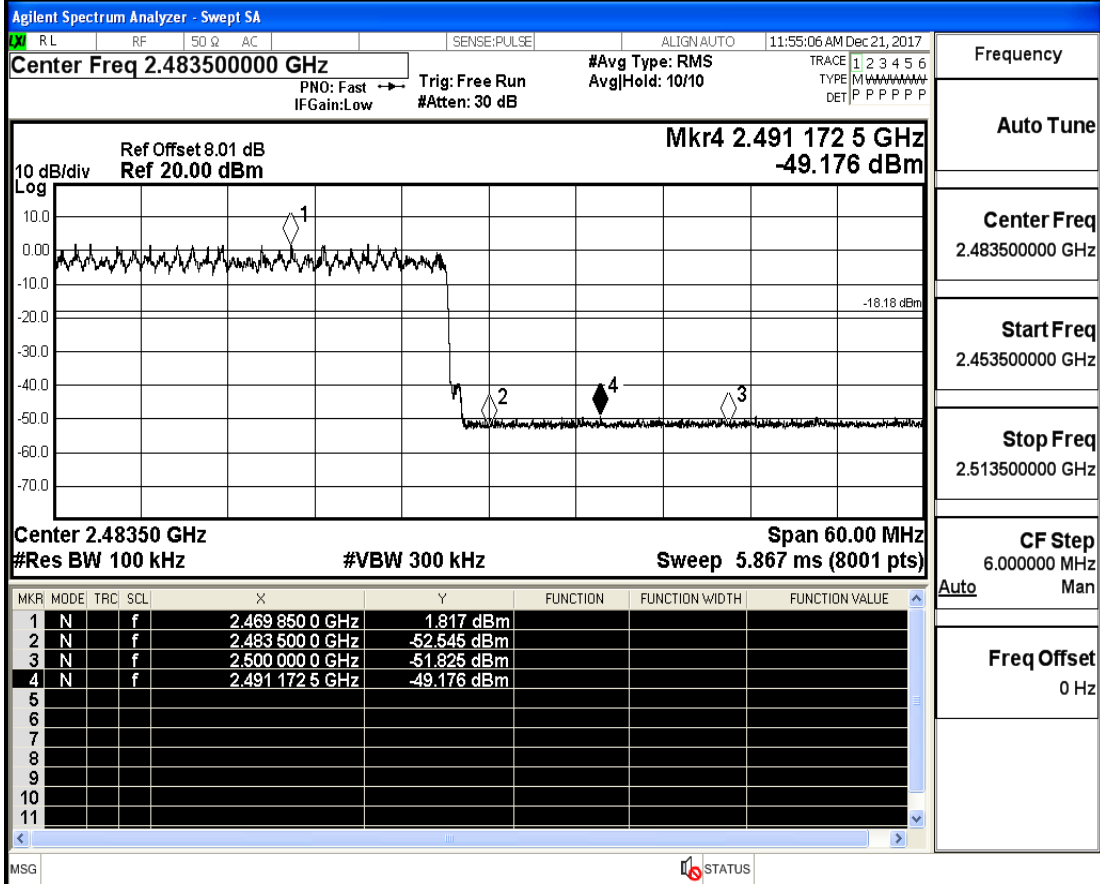


Band-edge for RF Conducted Emissions_π/4-DQPSK_2402_Hopping On



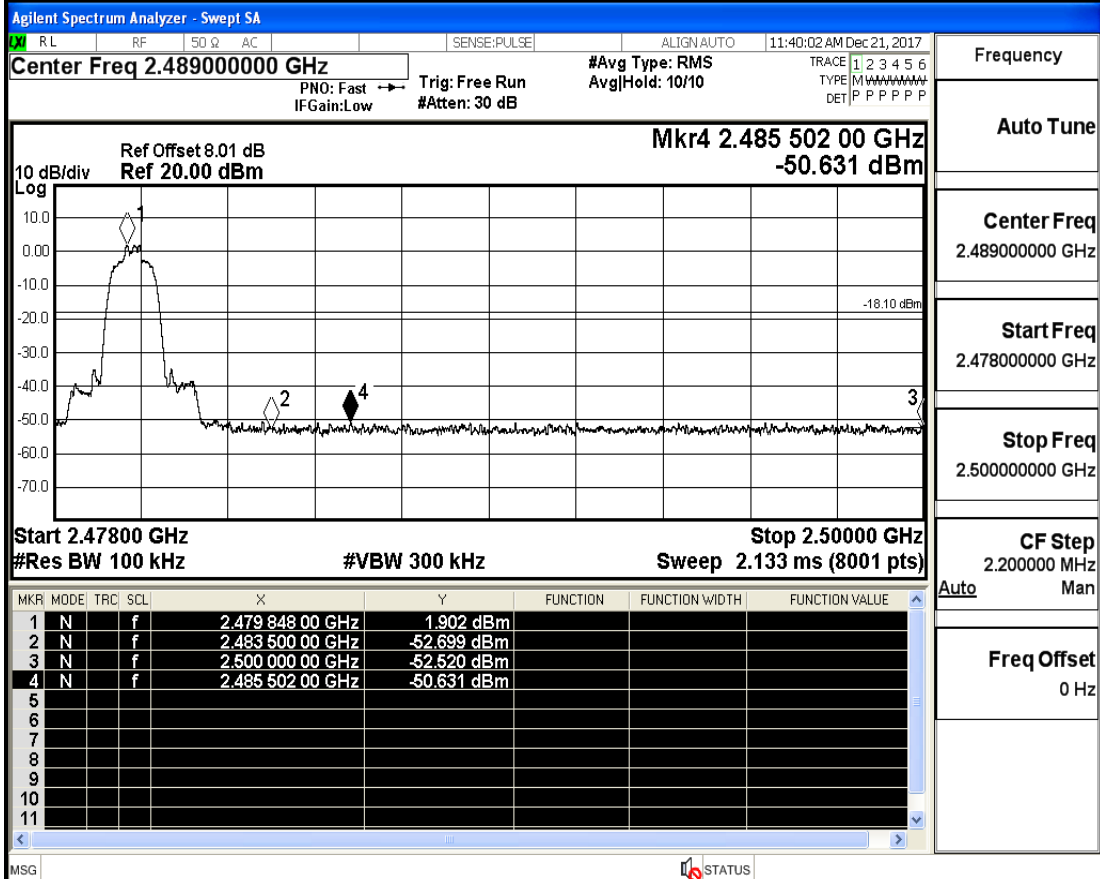
Band-edge for RF Conducted Emissions_π/4-DQPSK_2402_Hopping Off



Band-edge for RF Conducted Emissions $\pi/4$ -DQPSK_2480_Hopping On

Frequency

Auto Tune

Center Freq
2.483500000 GHzStart Freq
2.453500000 GHzStop Freq
2.513500000 GHzCF Step
6.000000 MHz
Auto ManFreq Offset
0 HzBand-edge for RF Conducted Emissions $\pi/4$ -DQPSK_2480_Hopping Off

Frequency

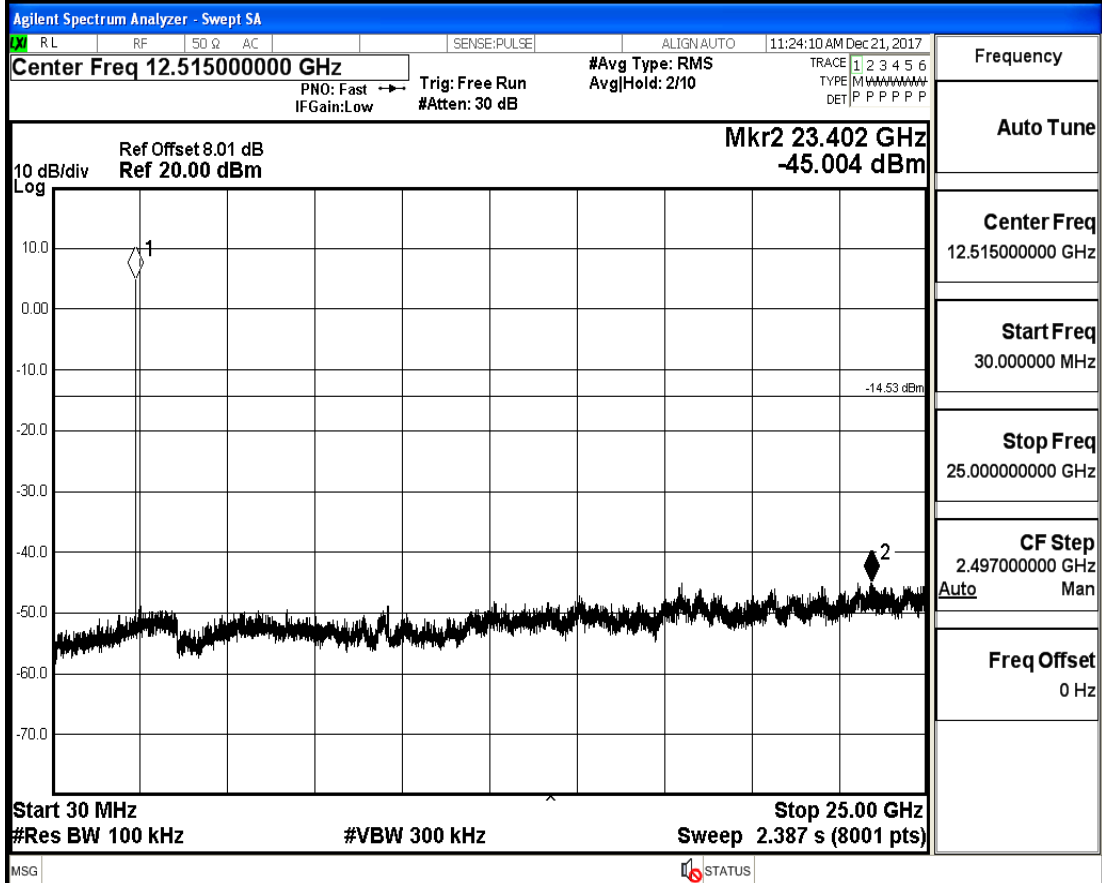
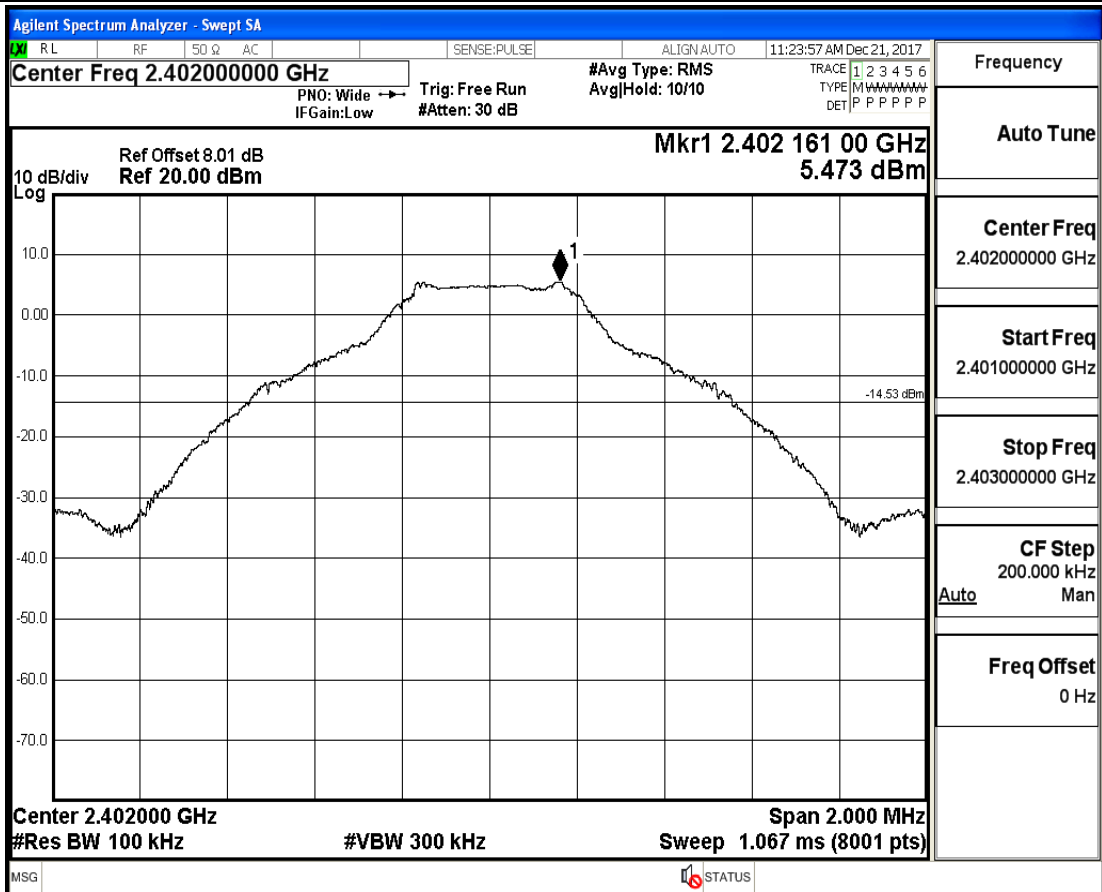
Auto Tune

Center Freq
2.489000000 GHzStart Freq
2.478000000 GHzStop Freq
2.500000000 GHzCF Step
2.200000 MHz
Auto ManFreq Offset
0 Hz

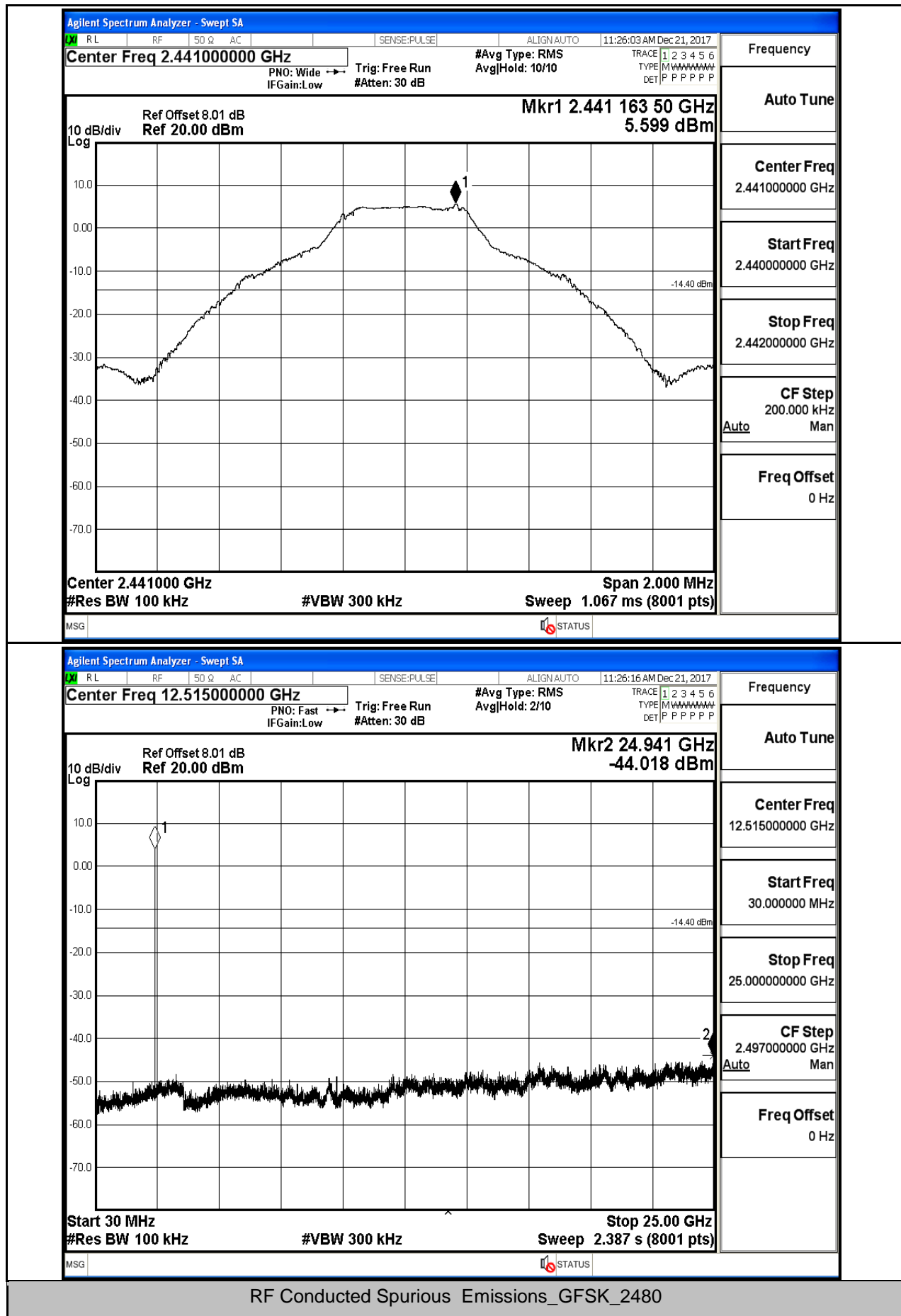
8.RF Conducted Spurious Emissions

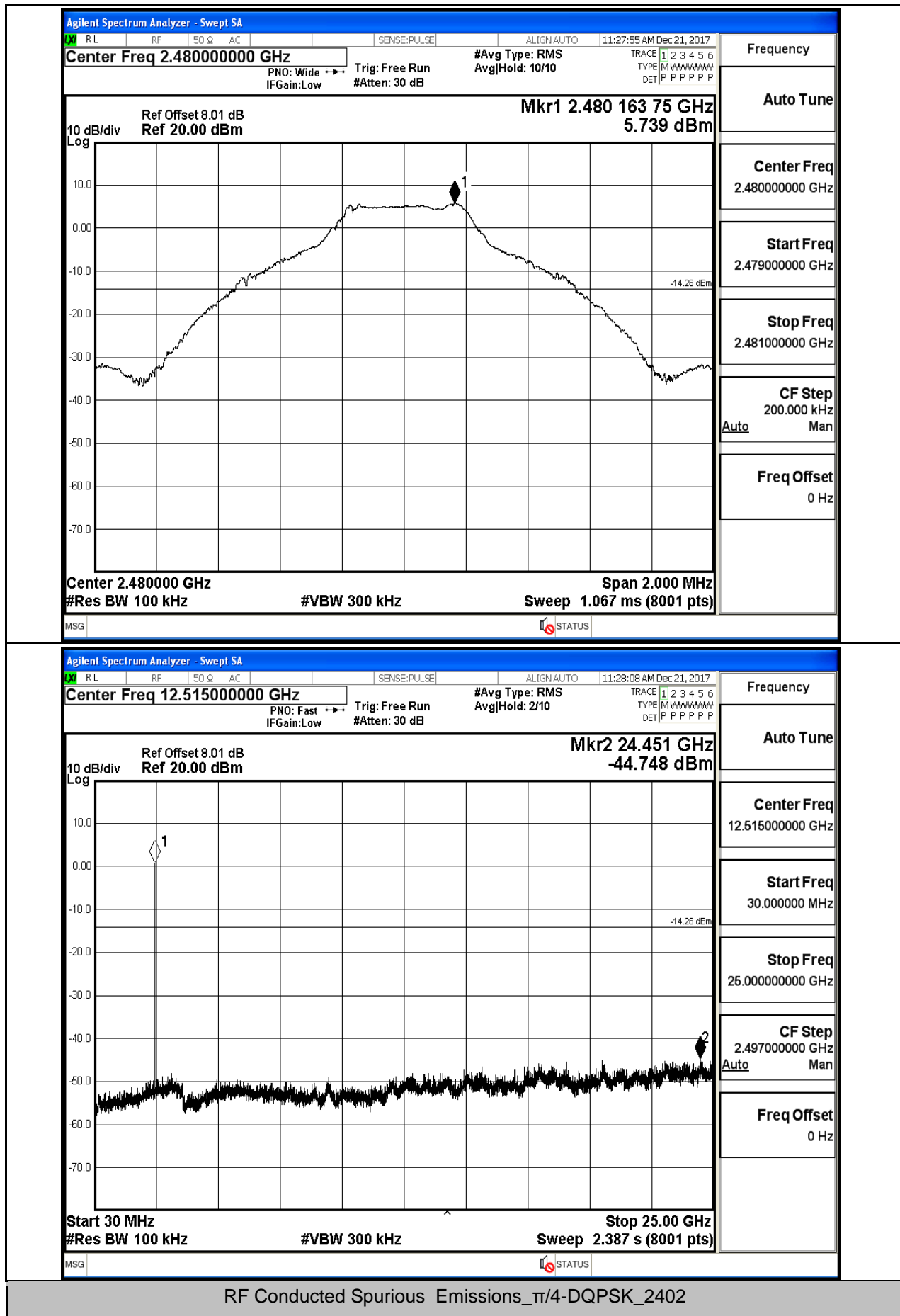
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	2402	30	25000	100	300	5.473	-45.004	<-14.527	PASS
	2441	30	25000	100	300	5.599	-44.018	<-14.401	PASS
	2480	30	25000	100	300	5.739	-44.748	<-14.261	PASS
π/4-DQPSK	2402	30	25000	100	300	1.57	-44.475	<-18.43	PASS
	2441	30	25000	100	300	1.665	-44.554	<-18.335	PASS
	2480	30	25000	100	300	1.735	-44.529	<-18.265	PASS

RF Conducted Spurious Emissions_GFSK_2402

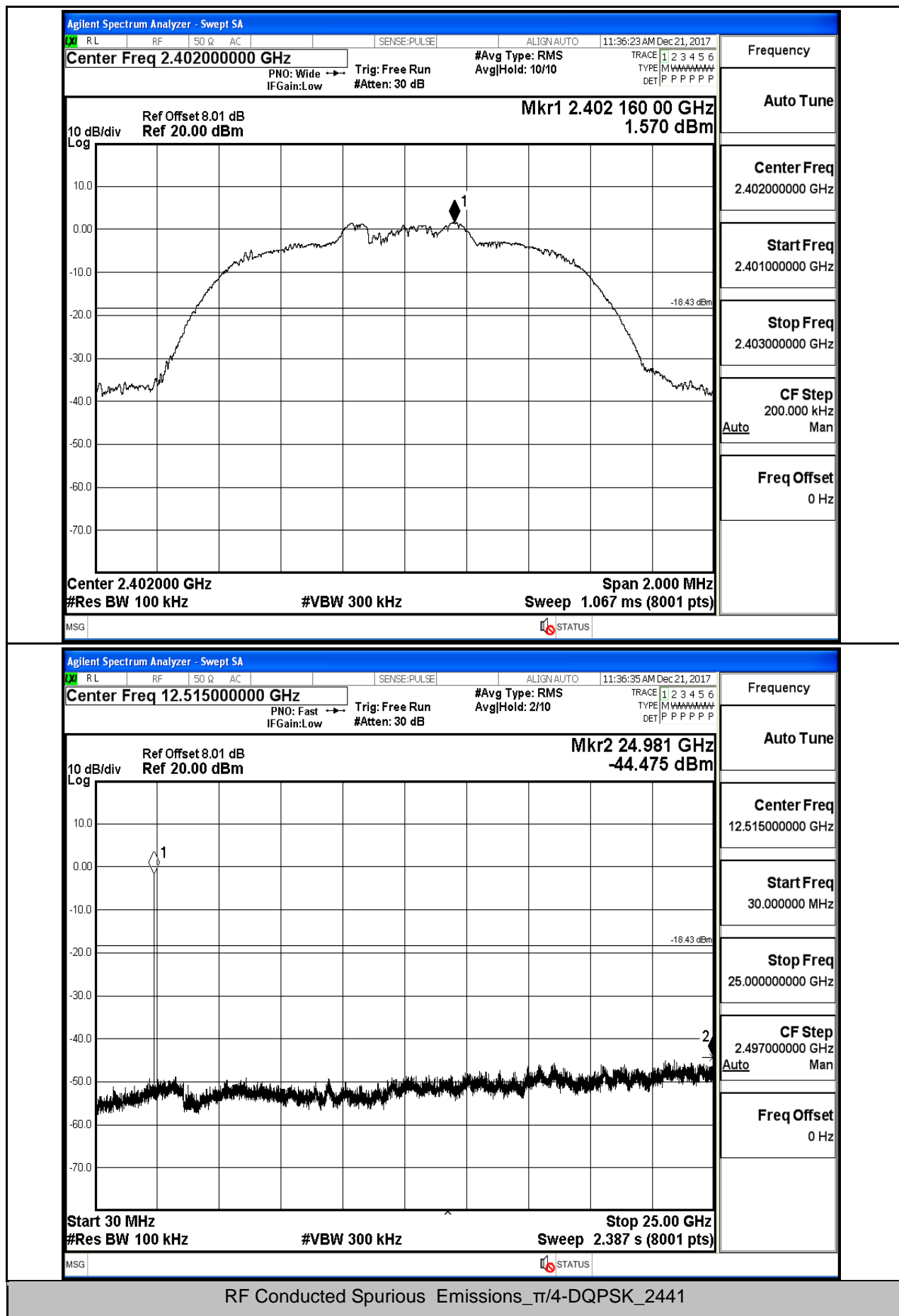


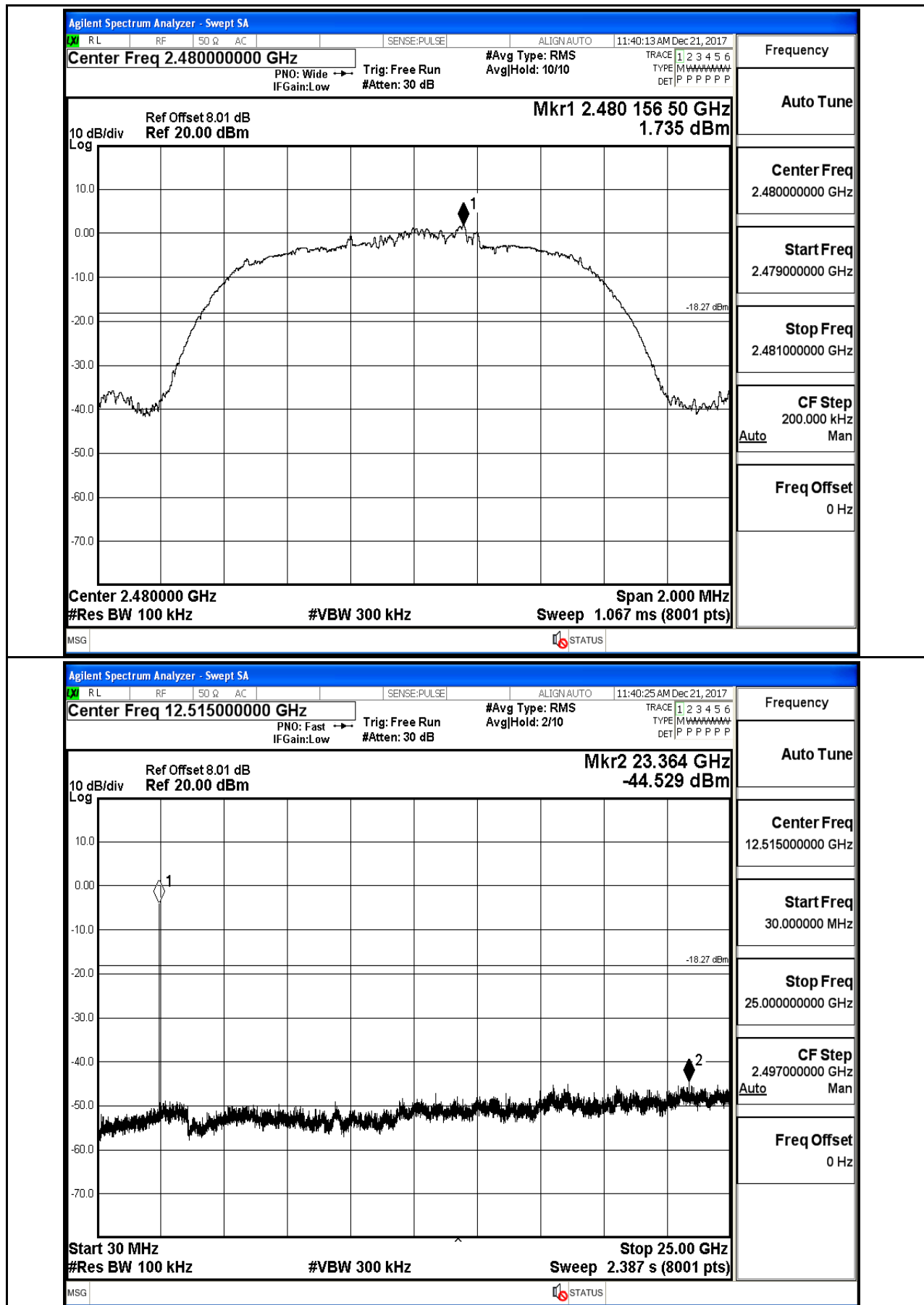
RF Conducted Spurious Emissions_GFSK_2441





RF Conducted Spurious Emissions_π/4-DQPSK_2402

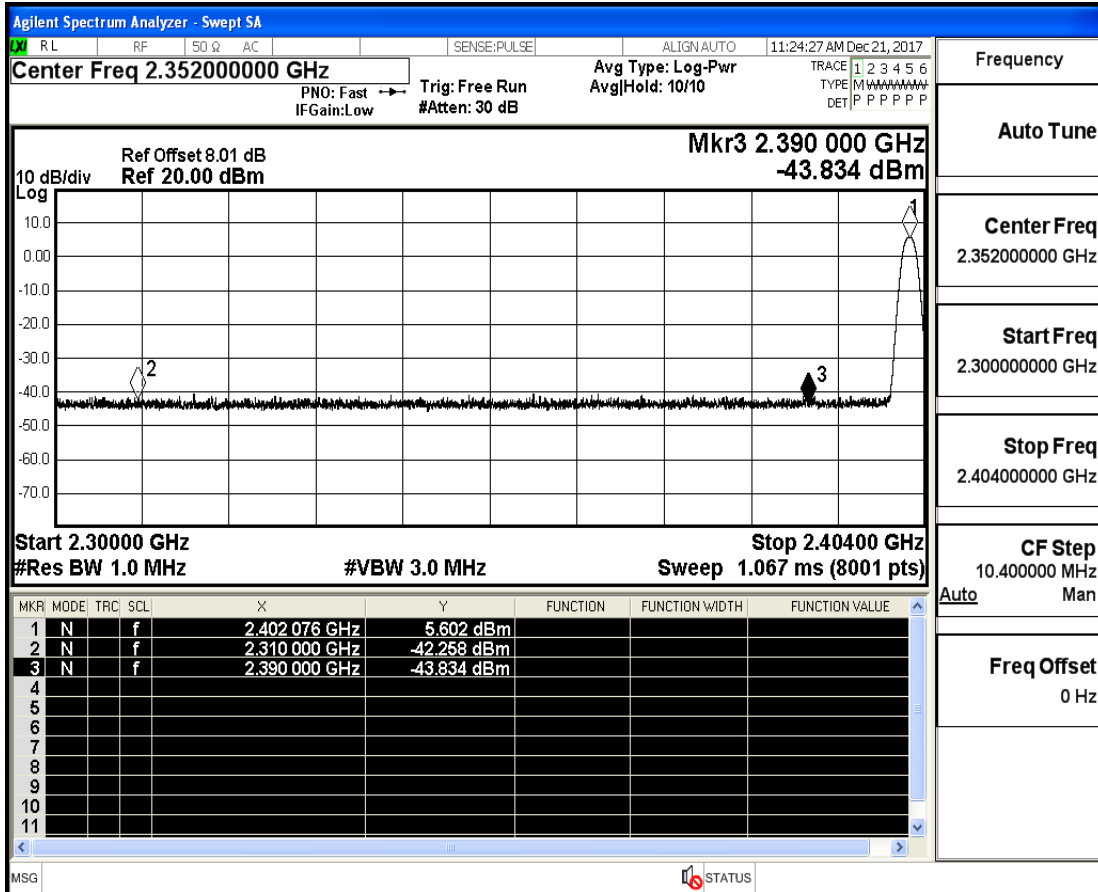




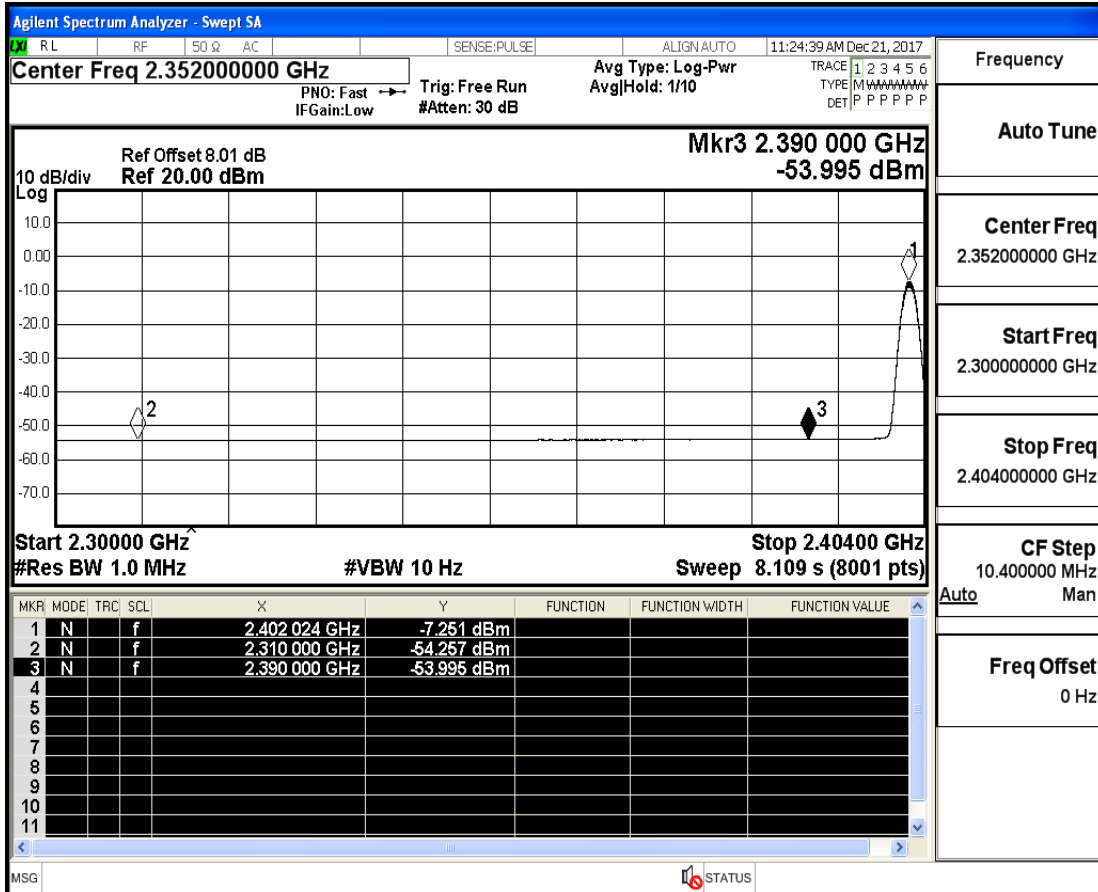
9.Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	On	2310.0	-42.26	2	0	55.00	PEAK	74	PASS
	On	2310.0	-54.26	2	0	43.00	AV	54	PASS
	On	2390.0	-43.83	2	0	53.42	PEAK	74	PASS
	On	2390.0	-54.00	2	0	43.26	AV	54	PASS
	On	2483.5	-41.24	2	0	56.02	PEAK	74	PASS
	On	2483.5	-53.58	2	0	43.68	AV	54	PASS
	On	2500.0	-44.10	2	0	53.16	PEAK	74	PASS
	On	2500.0	-53.65	2	0	43.61	AV	54	PASS
$\pi/4$ -DQPSK	On	2310.0	-43.95	2	0	53.31	PEAK	74	PASS
	On	2310.0	-54.25	2	0	43.01	AV	54	PASS
	On	2390.0	-43.88	2	0	53.38	PEAK	74	PASS
	On	2390.0	-53.97	2	0	43.29	AV	54	PASS
	On	2483.5	-43.20	2	0	54.06	PEAK	74	PASS
	On	2483.5	-53.63	2	0	43.63	AV	54	PASS
	On	2500.0	-43.25	2	0	54.01	PEAK	74	PASS
	On	2500.0	-53.63	2	0	43.63	AV	54	PASS

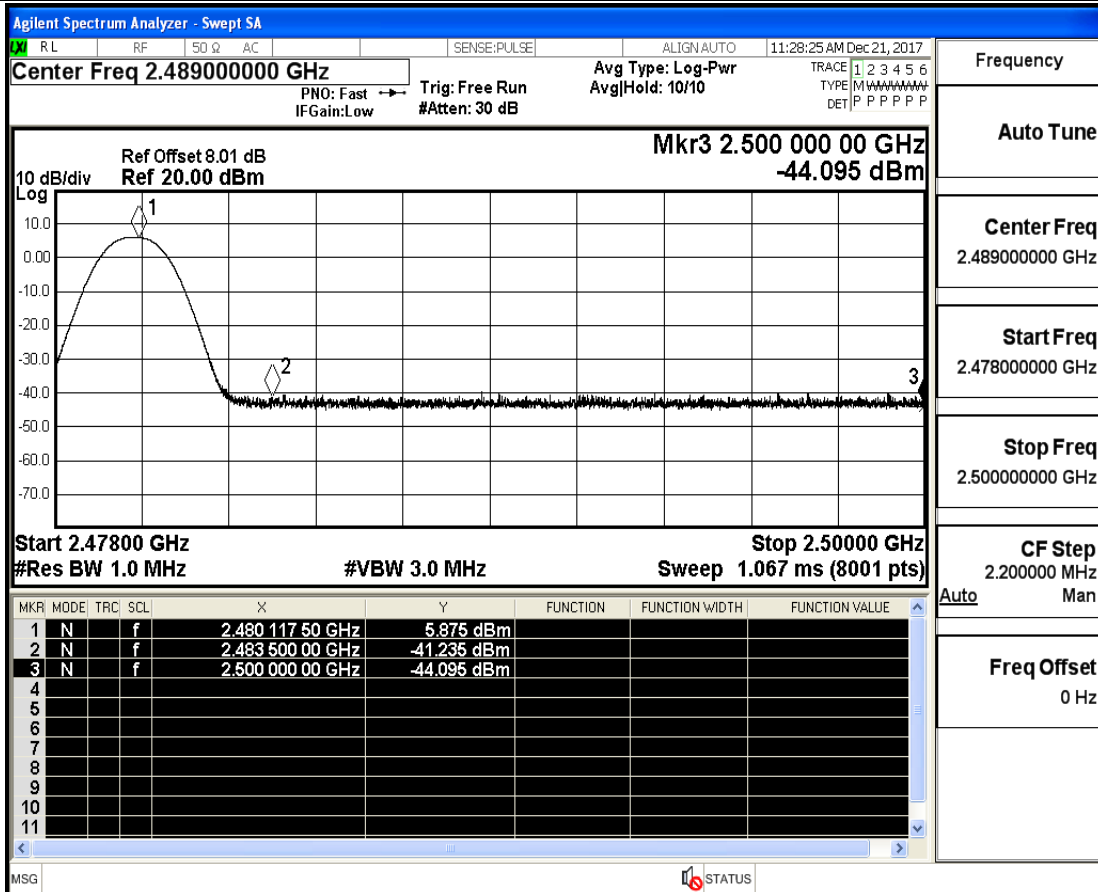
Restrict-band band-edge measurements_2402_PEAK_GFSK



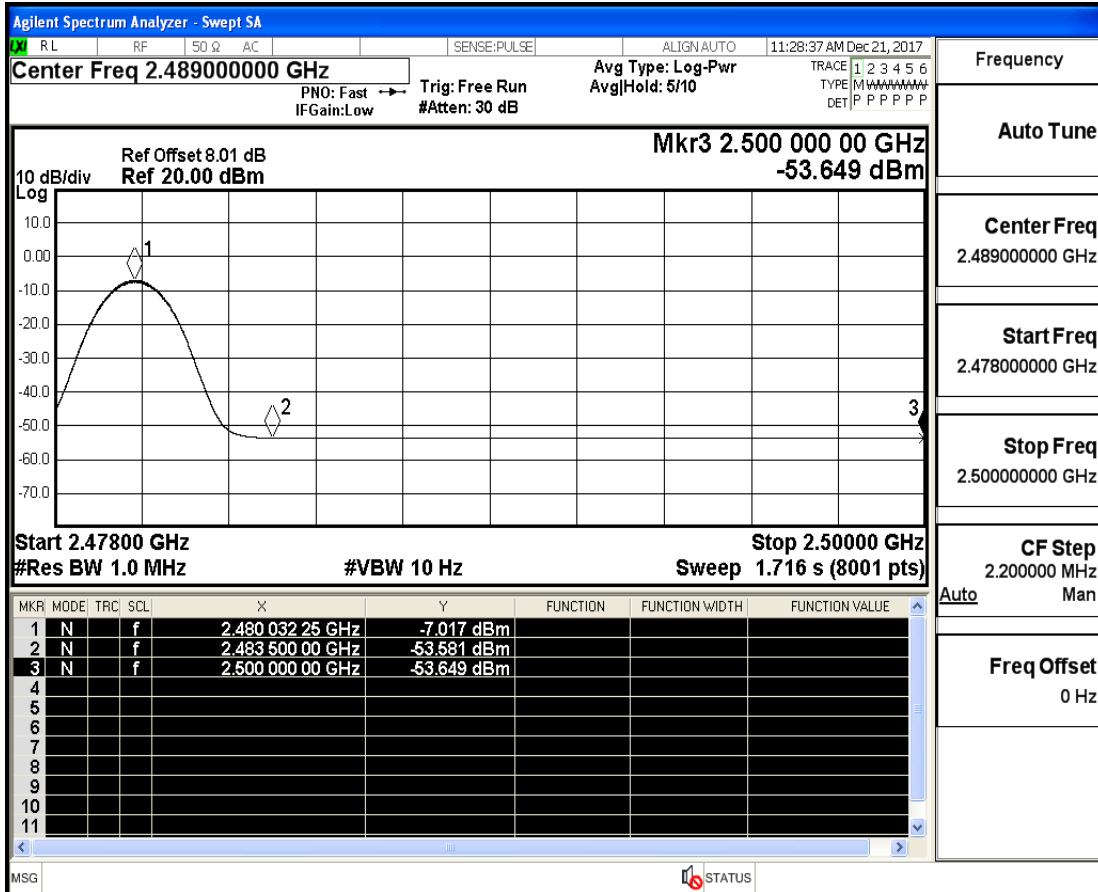
Restrict-band band-edge measurements_2402_AV_GFSK



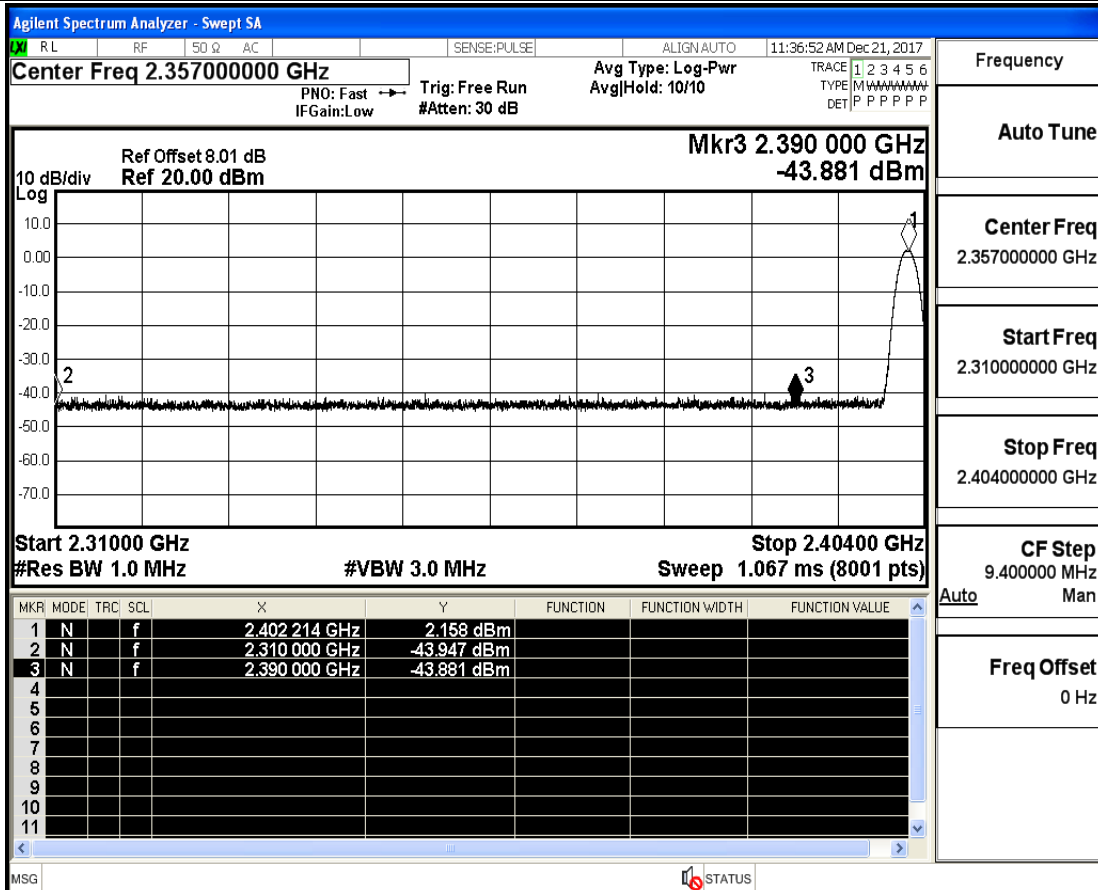
Restrict-band band-edge measurements_2480_PEAK_GFSK



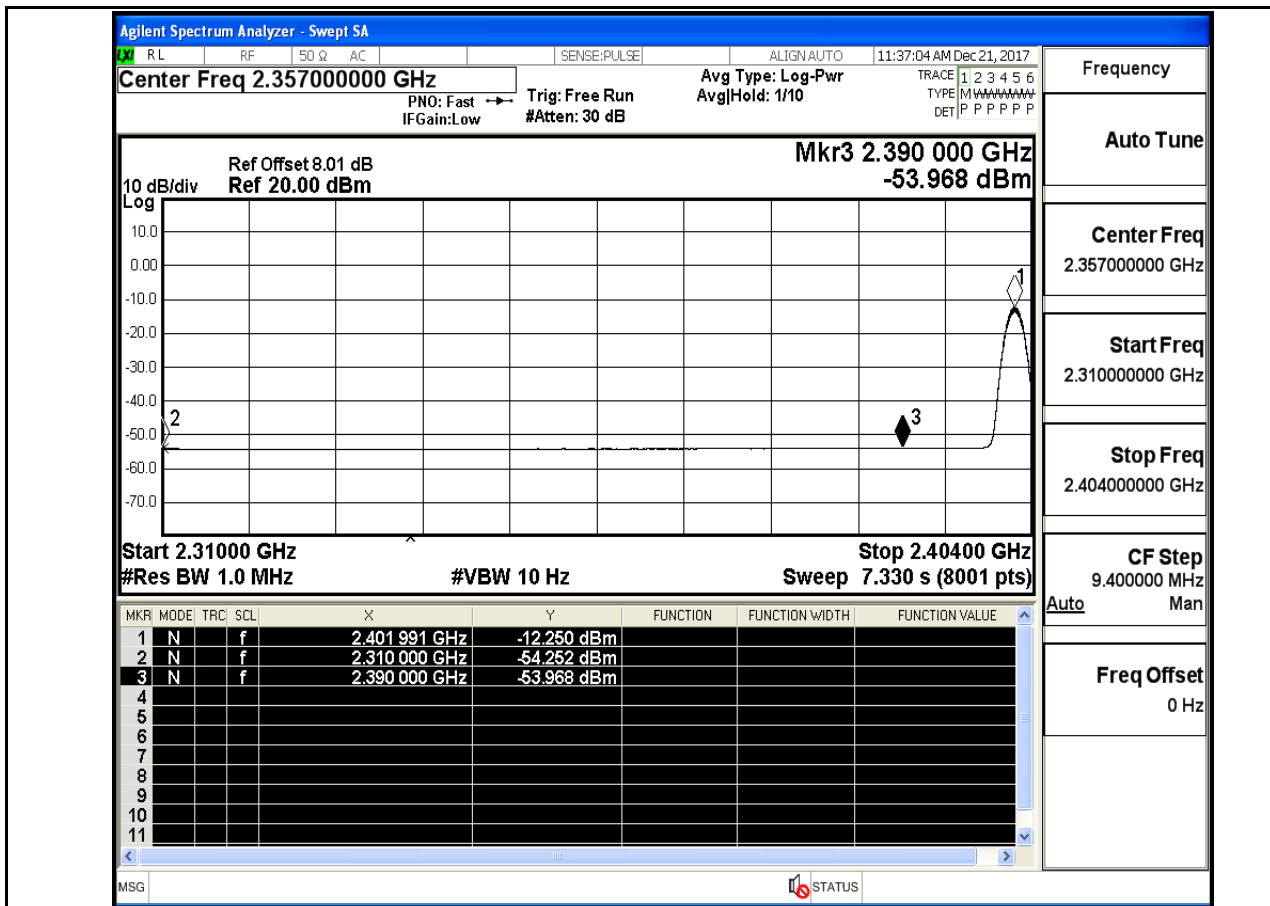
Restrict-band band-edge measurements_2480_AV_GFSK



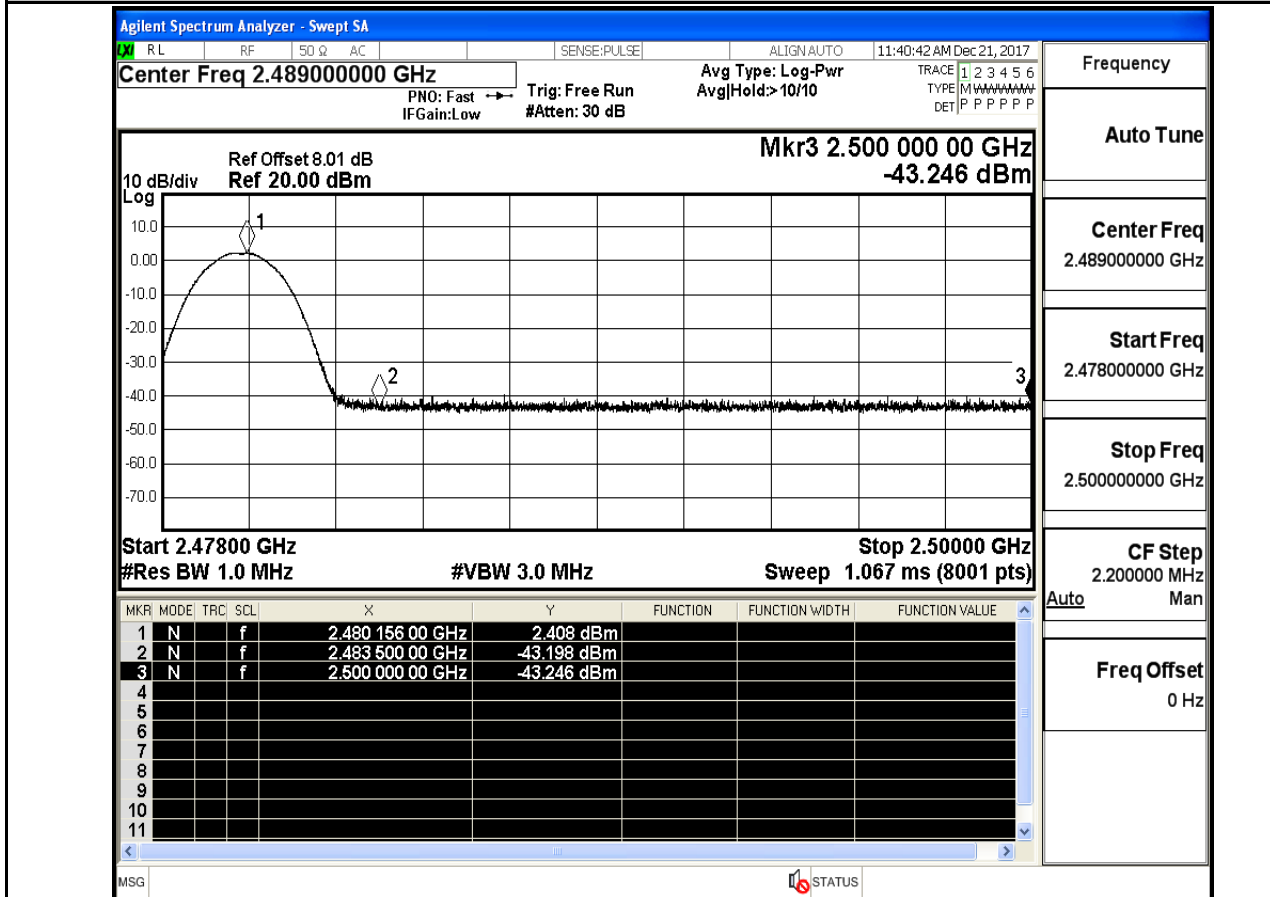
Restrict-band band-edge measurements_2402_PEAK_π /4-DQPSK



Restrict-band band-edge measurements_2402_AV_π /4-DQPSK



Restrict-band band-edge measurements_2480_PEAK_π /4-DQPSK



Restrict-band band-edge measurements_2480_AV_π /4-DQPSK

