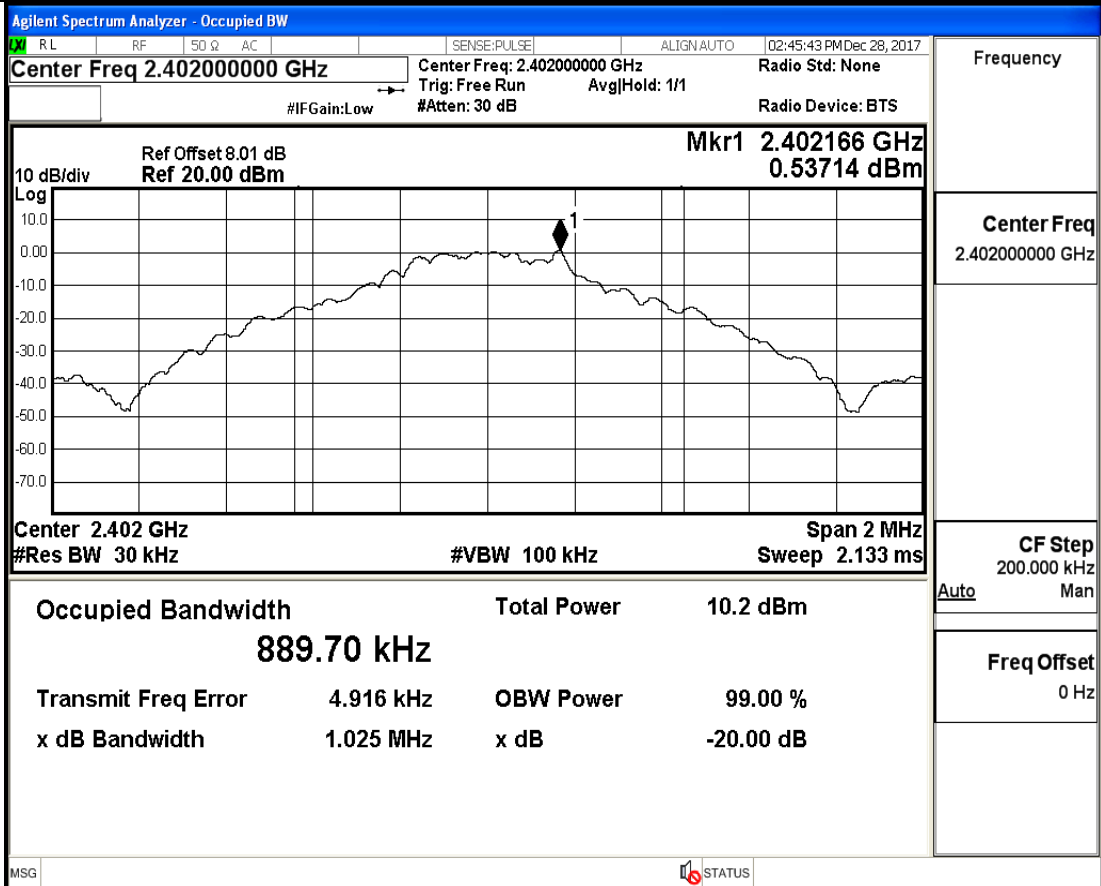


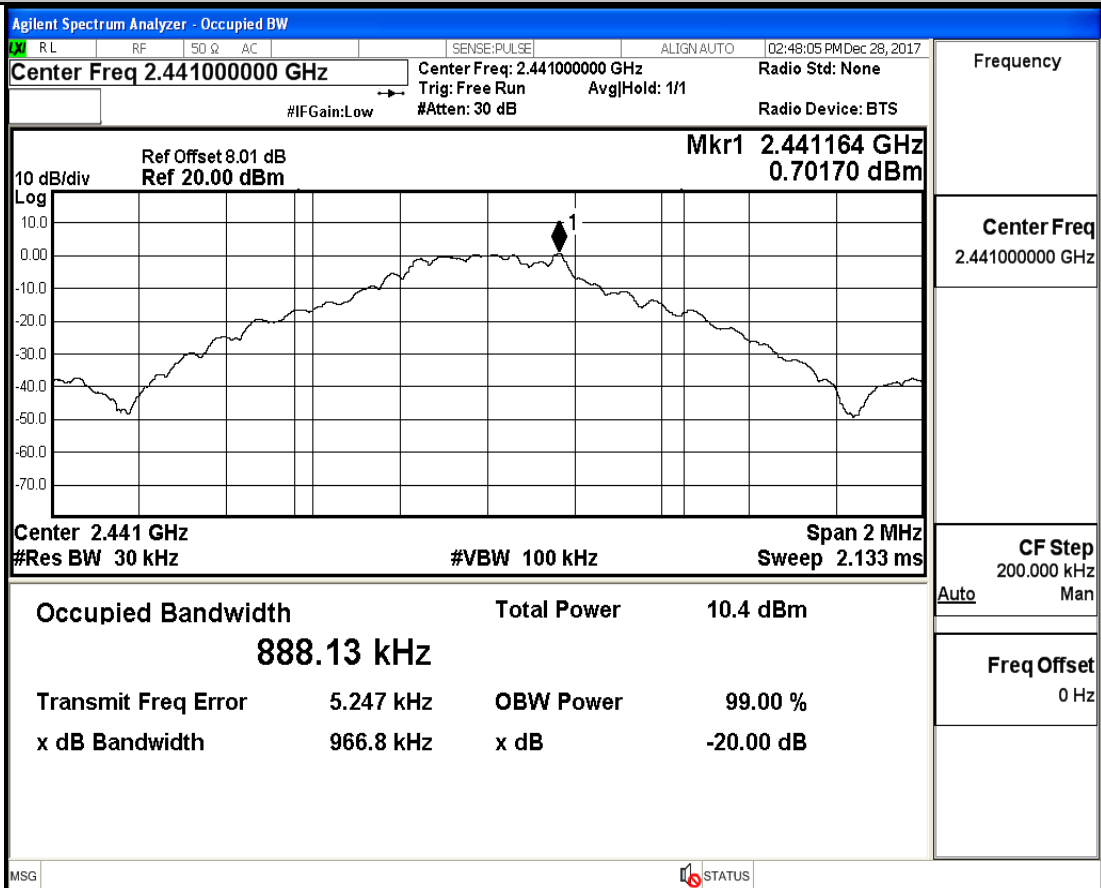
1.20 dB Bandwidth

Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
GFSK	2402	1.025	---	PASS
GFSK	2441	0.9668	---	PASS
GFSK	2480	1.035	---	PASS
$\pi/4$ DQPSK	2402	1.291	---	PASS
$\pi/4$ DQPSK	2441	1.288	---	PASS
$\pi/4$ DQPSK	2480	1.287	---	PASS

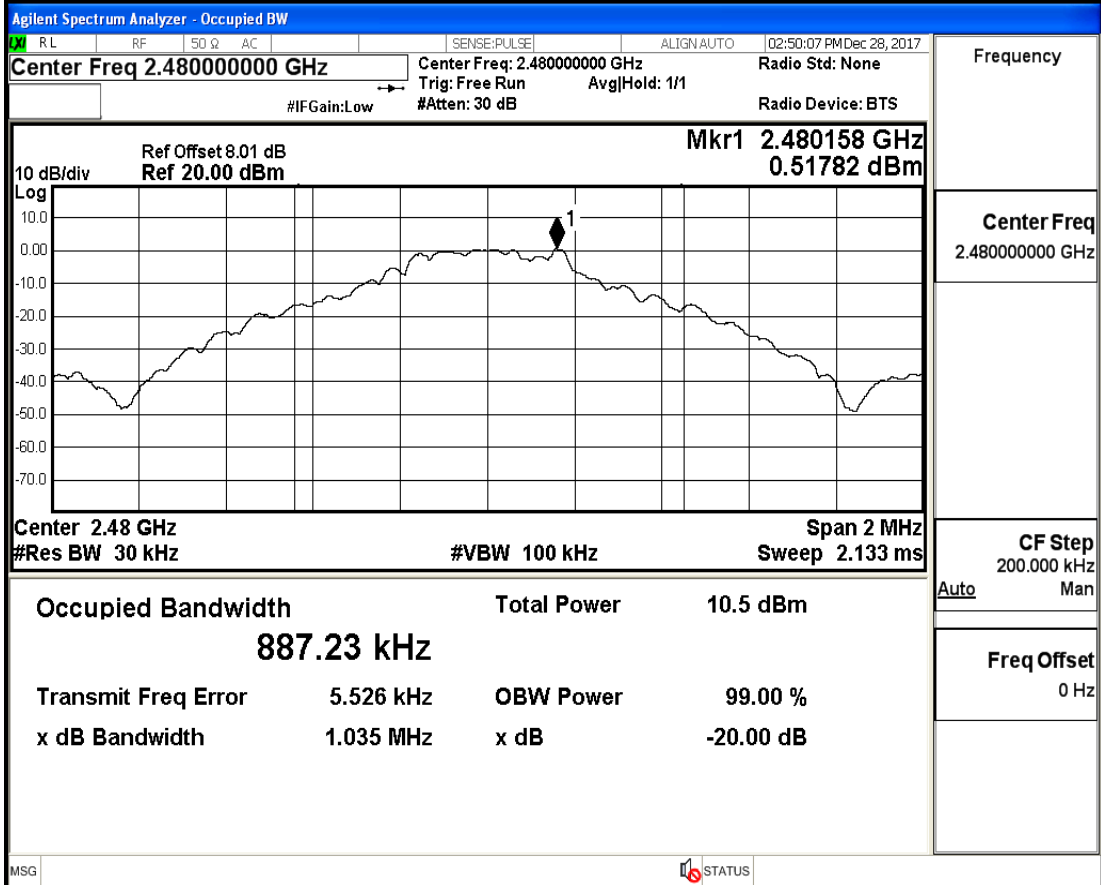
20 dB Bandwidth_GFSK_2402



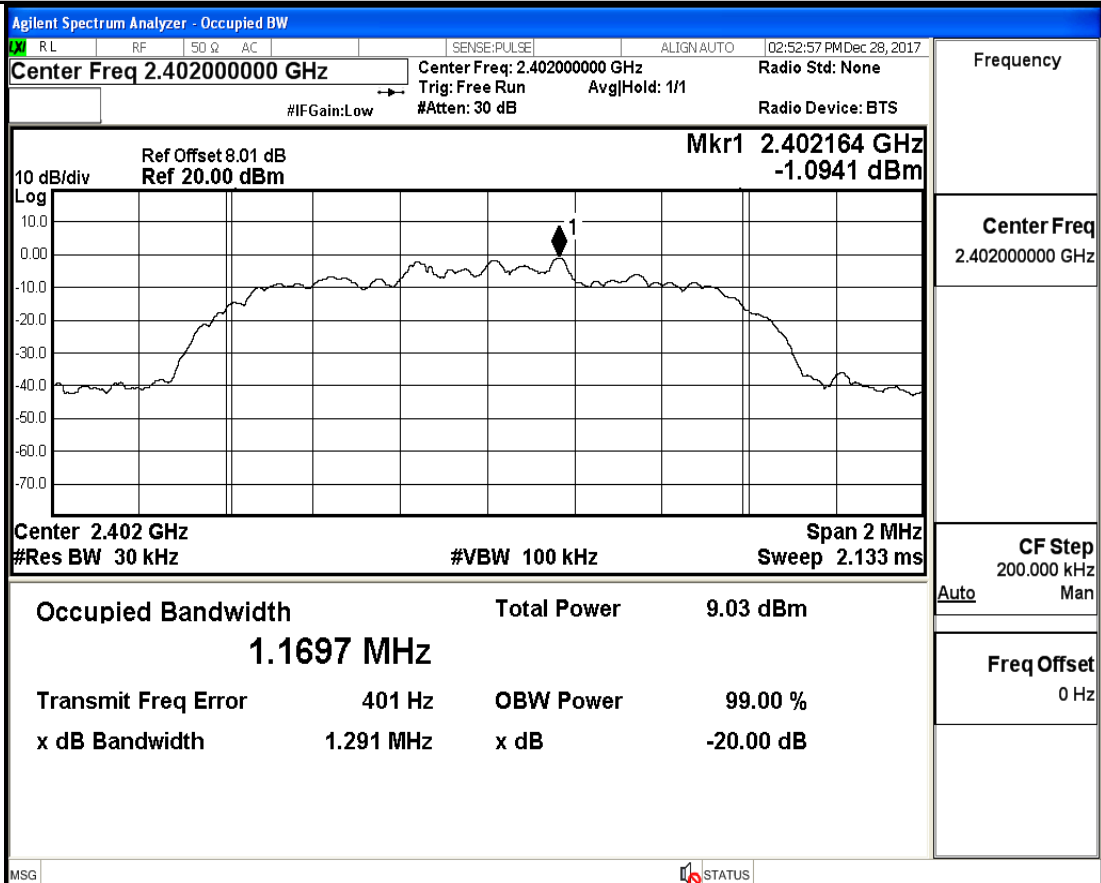
20 dB Bandwidth_GFSK_2441



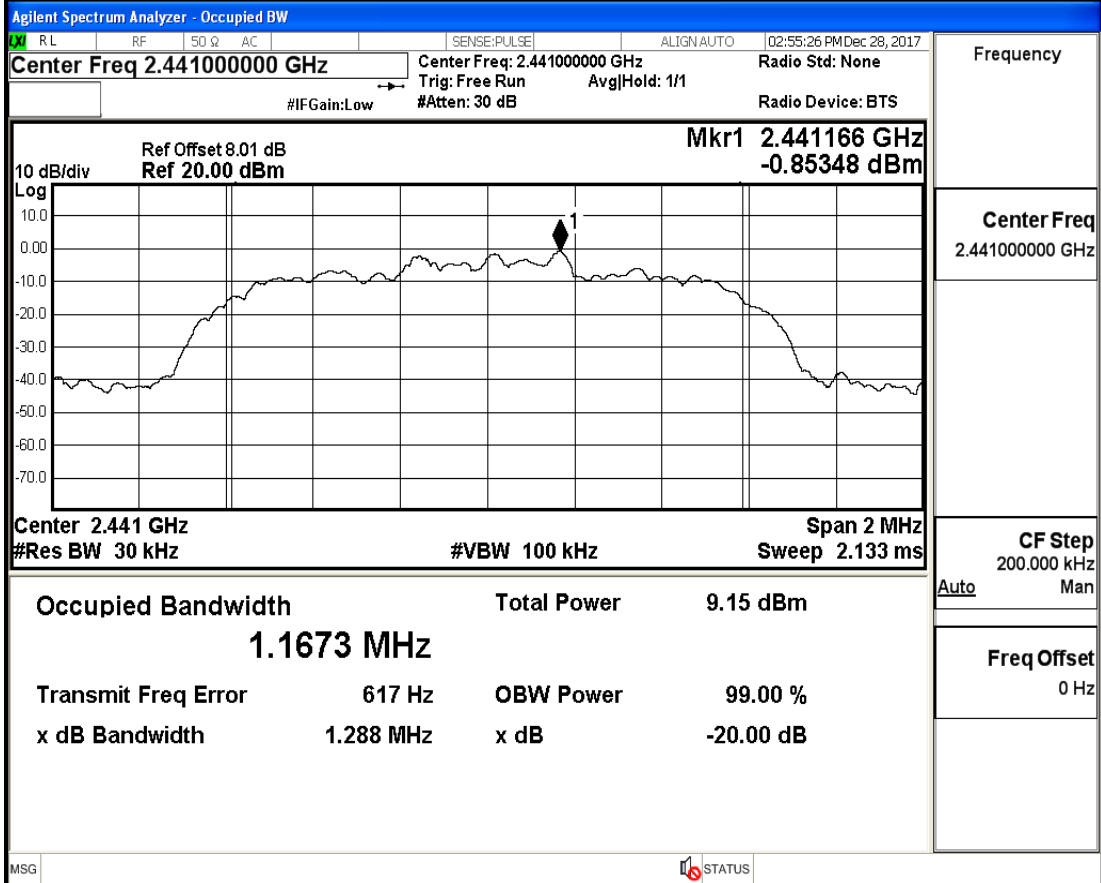
20 dB Bandwidth_GFSK_2480



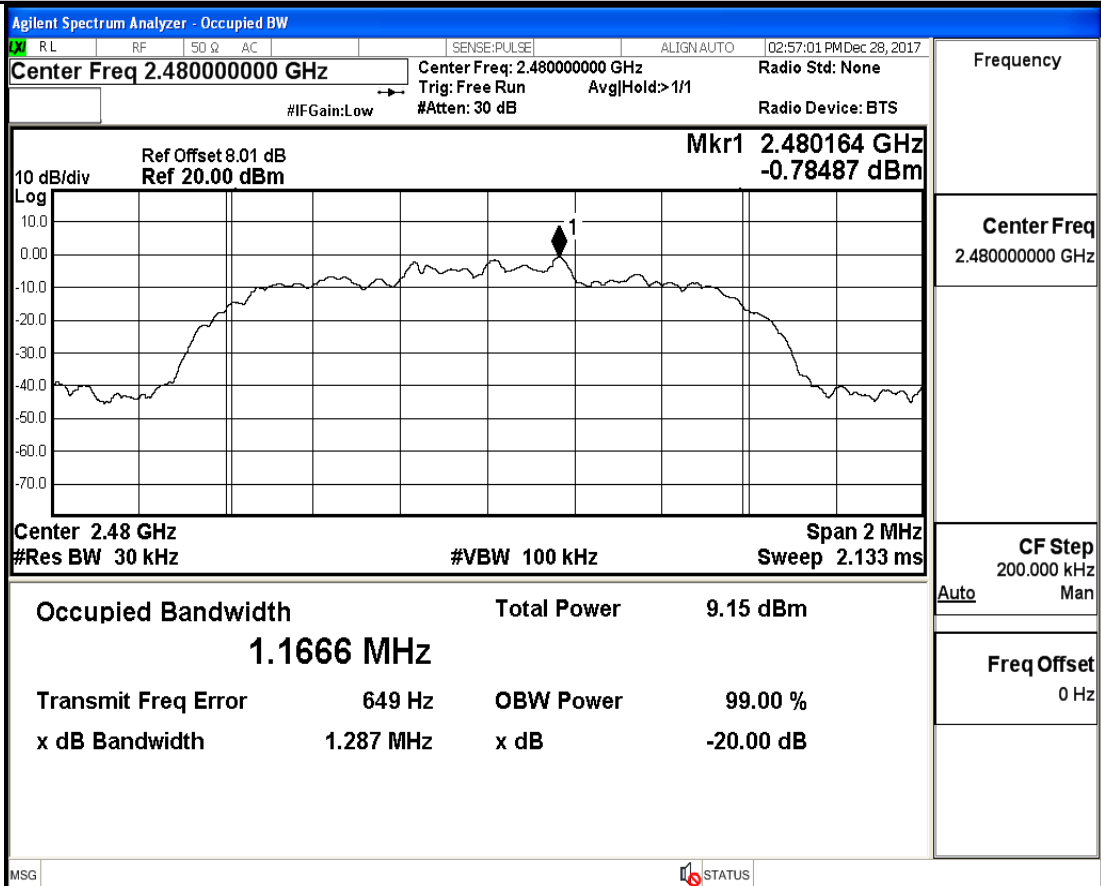
20 dB Bandwidth_π/4DQPSK_2402



20 dB Bandwidth_π/4DQPSK_2441



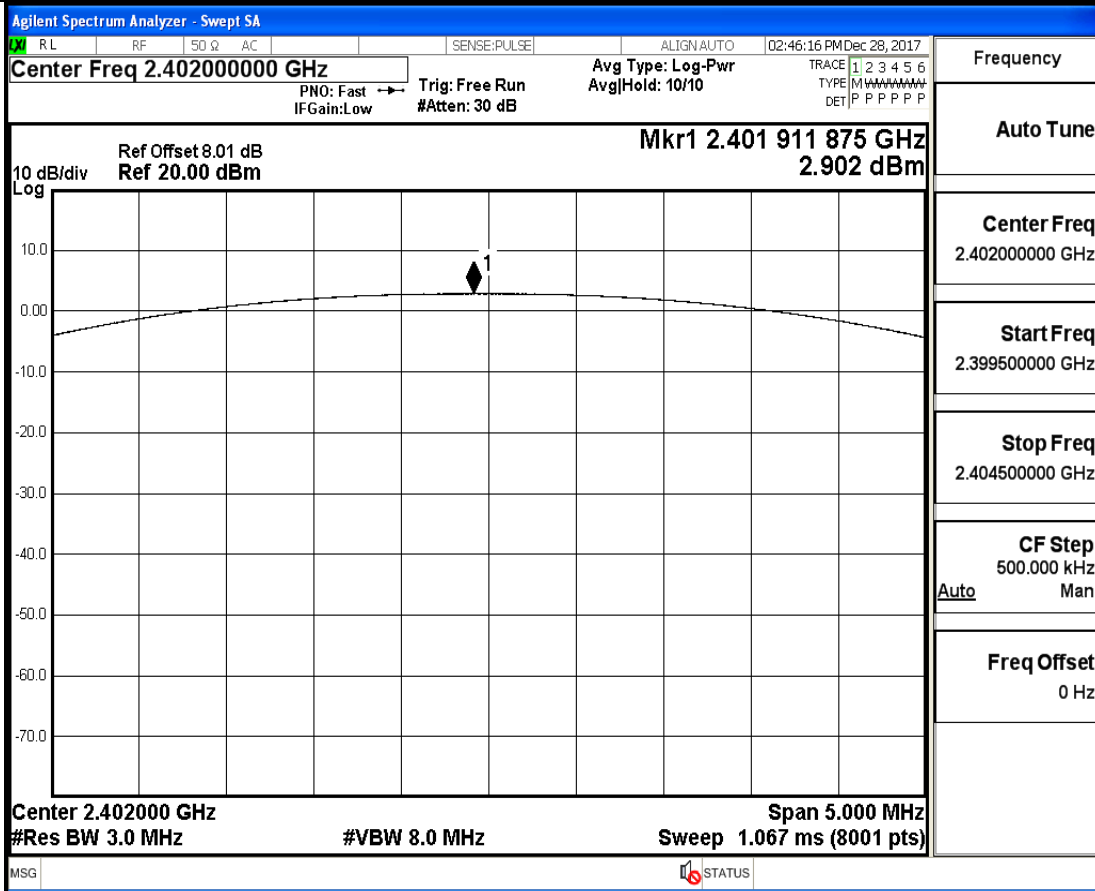
20 dB Bandwidth_π/4DQPSK_2480



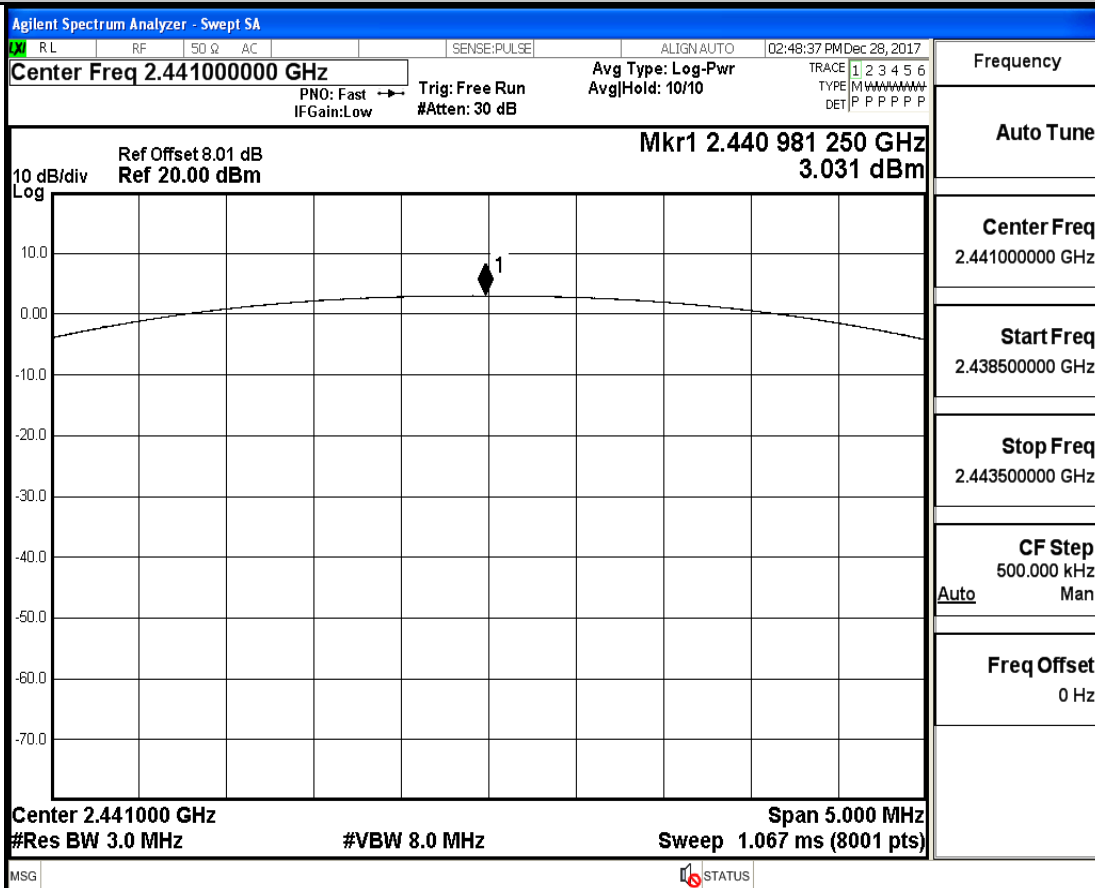
2. Conducted Peak Output Power

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
GFSK	2402	2.902	30	PASS
GFSK	2441	3.031	30	PASS
GFSK	2480	3.088	30	PASS
$\pi/4$ DQPSK	2402	2.701	30	PASS
$\pi/4$ DQPSK	2441	2.821	30	PASS
$\pi/4$ DQPSK	2480	2.904	30	PASS

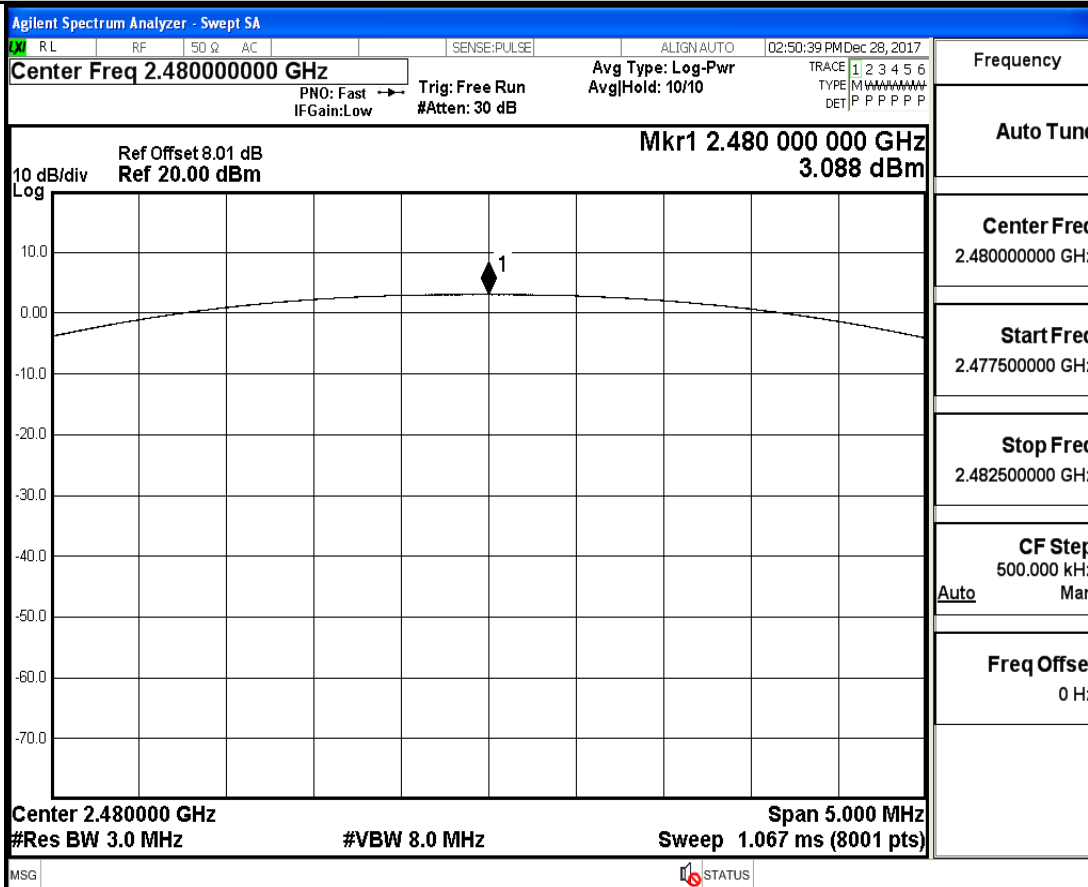
Conducted Peak Output Power_GFSK_2402



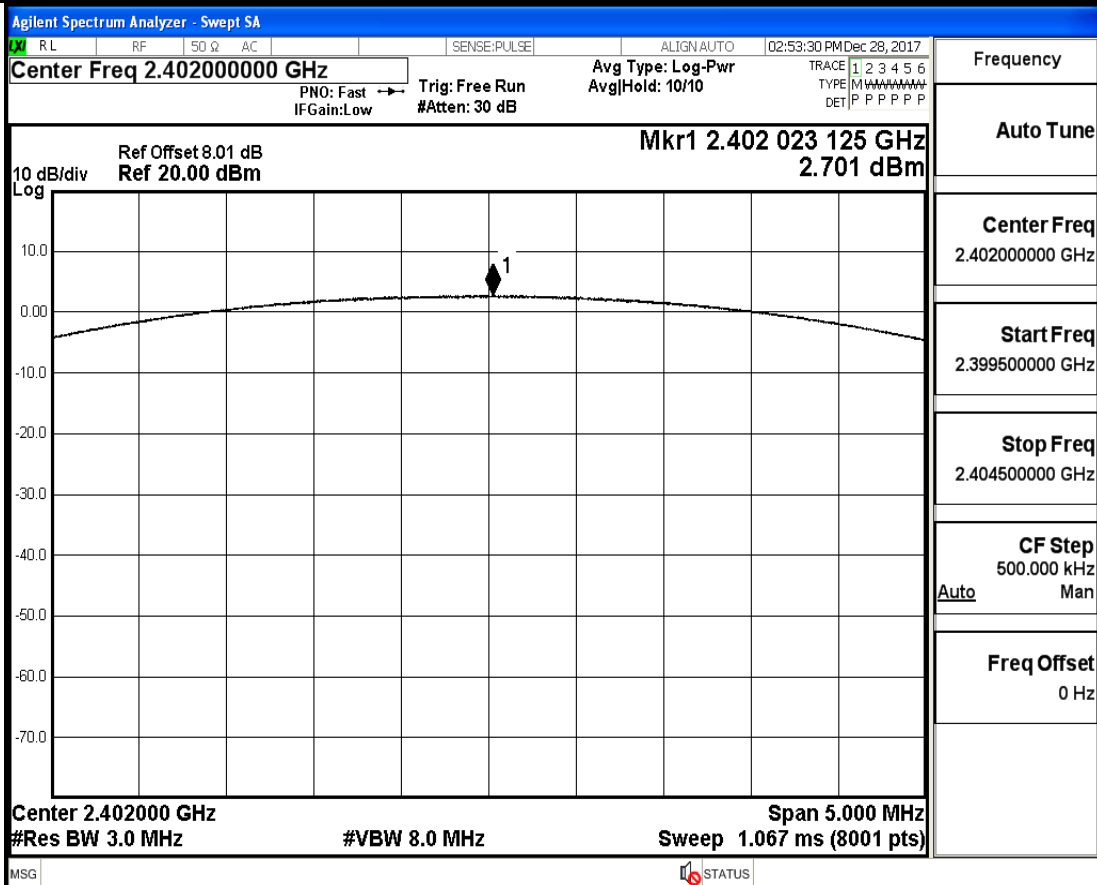
Conducted Peak Output Power_GFSK_2441

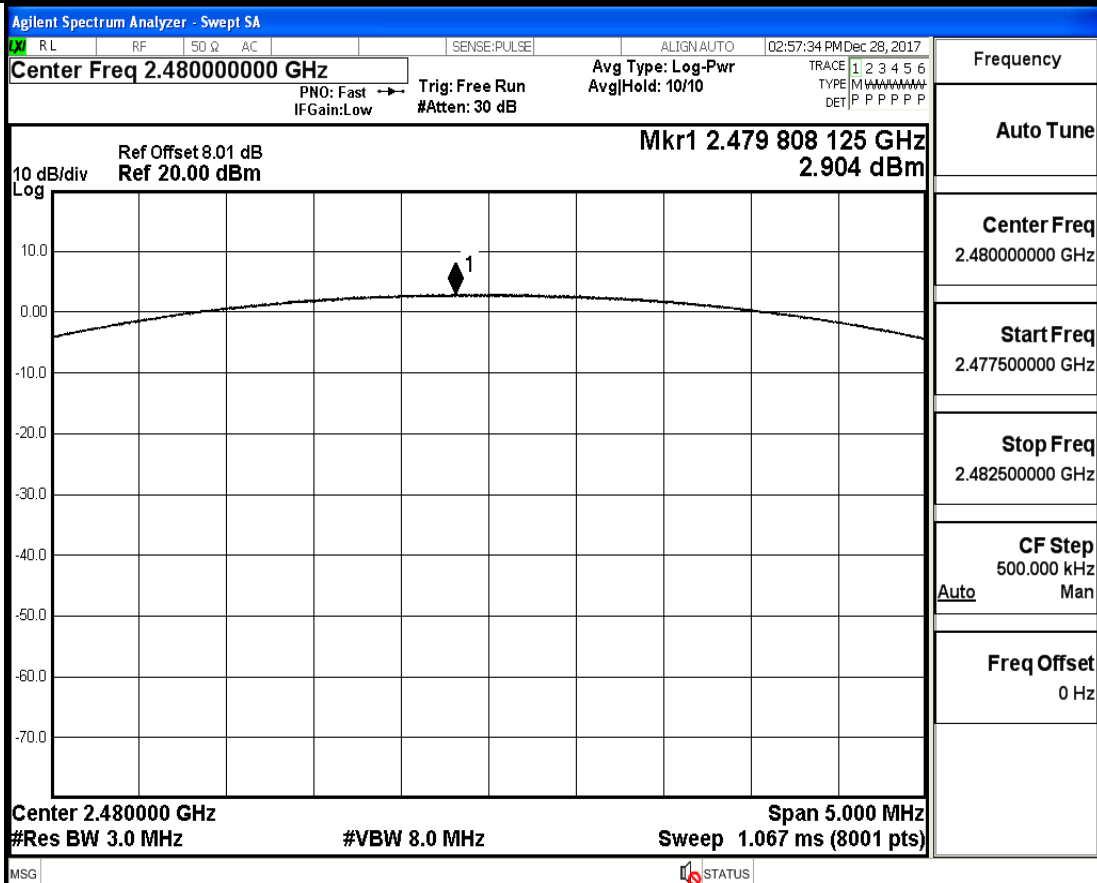
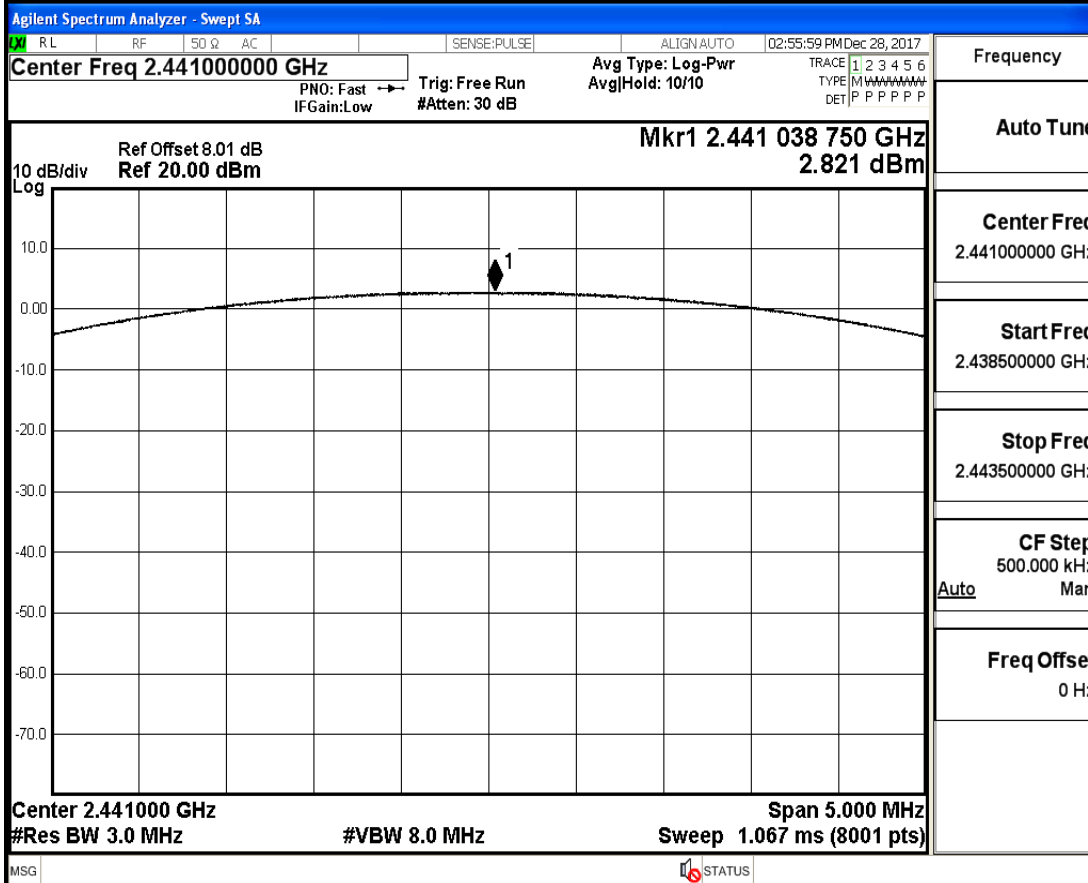


Conducted Peak Output Power_GFSK_2480



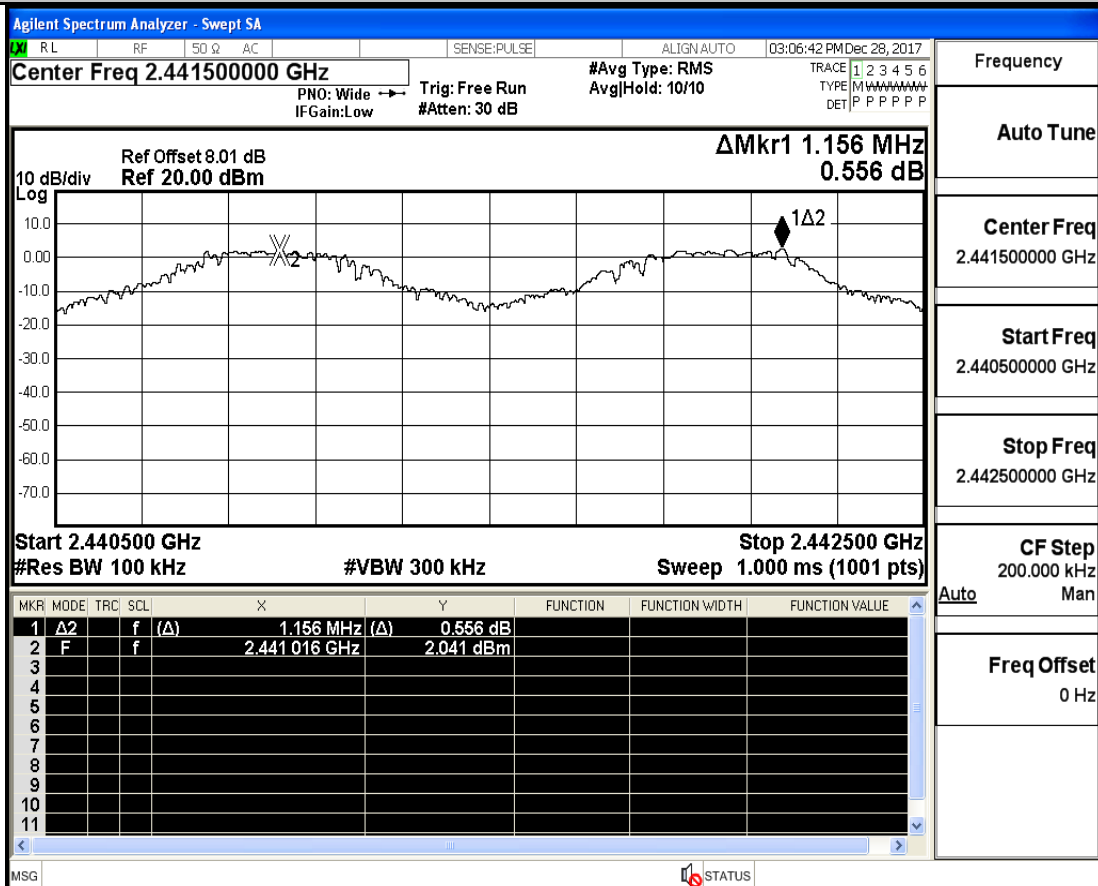
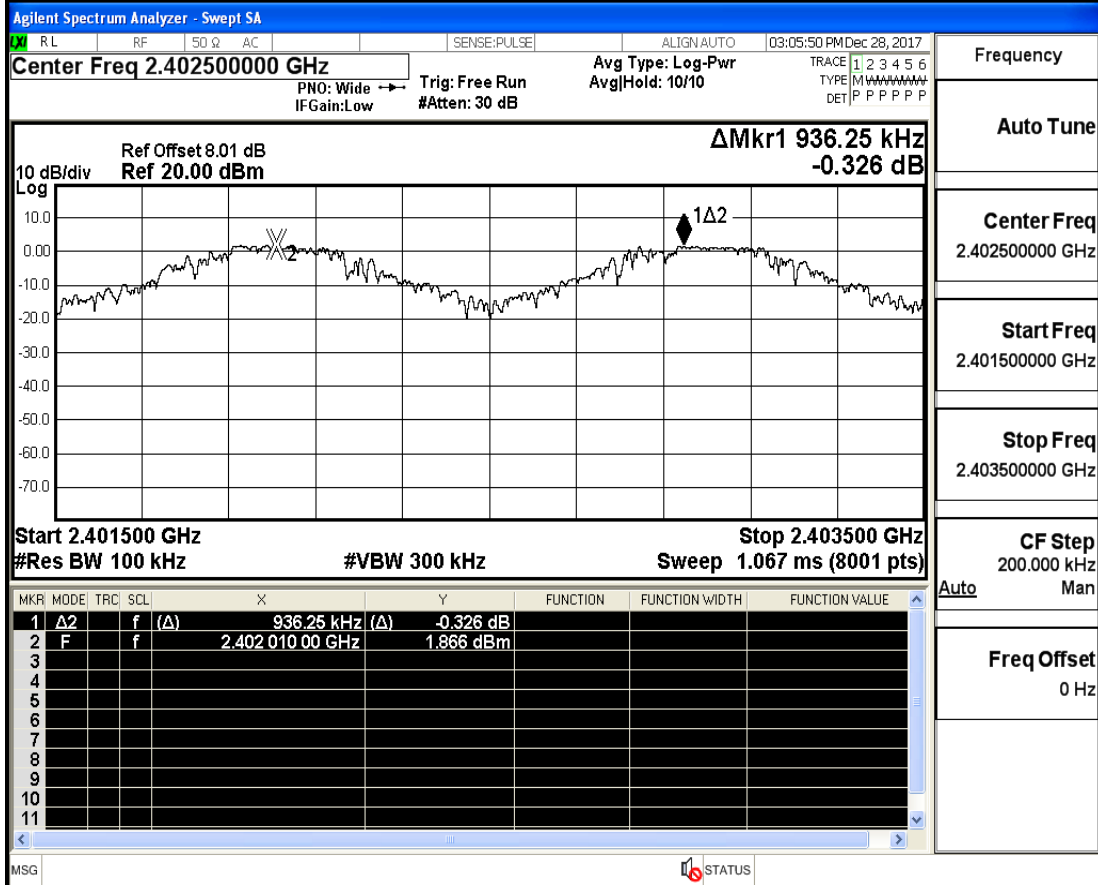
Conducted Peak Output Power_π/4DQPSK_2402



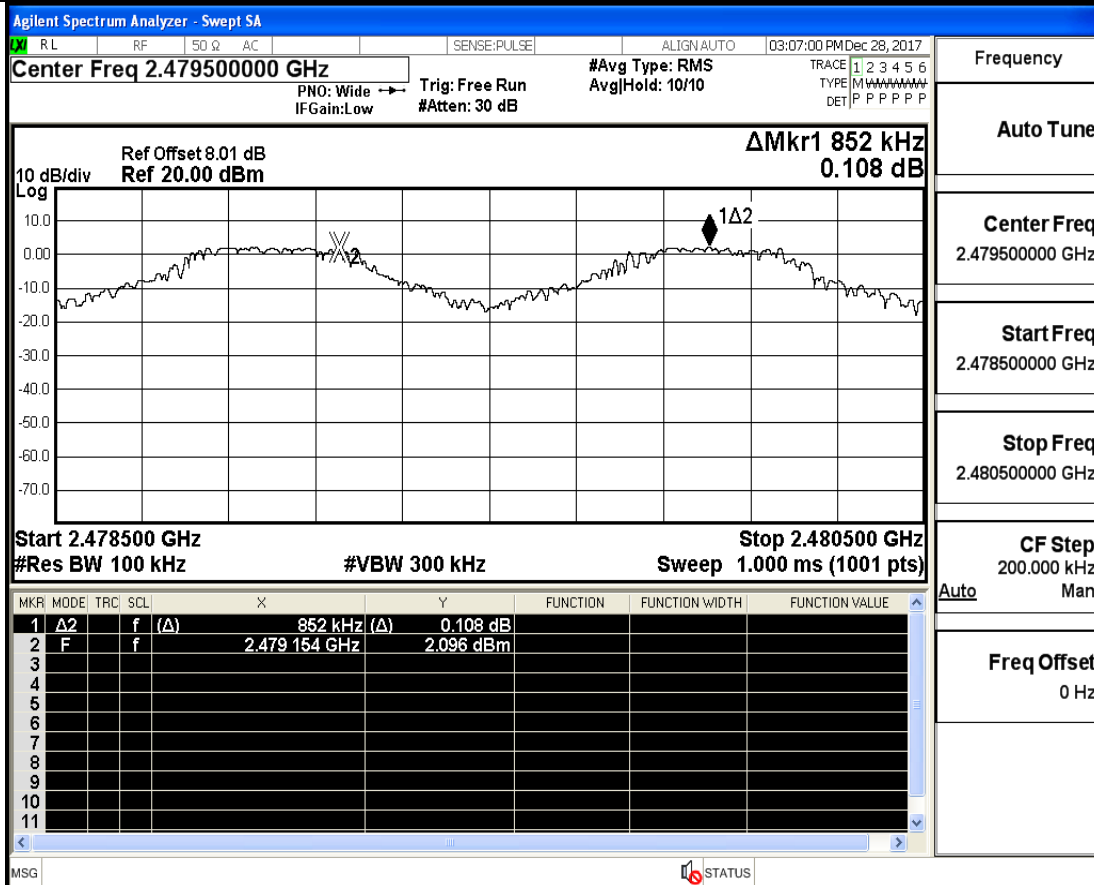


3.Carrier Frequency Separation

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
GFSK	2402	0.936	0.68	PASS
GFSK	2441	1.156	0.64	PASS
GFSK	2480	0.852	0.69	PASS
$\pi/4$ DQPSK	2402	0.884	0.86	PASS
$\pi/4$ DQPSK	2441	0.972	0.86	PASS
$\pi/4$ DQPSK	2480	0.96	0.86	PASS



Carrier Frequency Separation_GFSK_2480



Frequency

Auto Tune

Center Freq
2.479500000 GHz

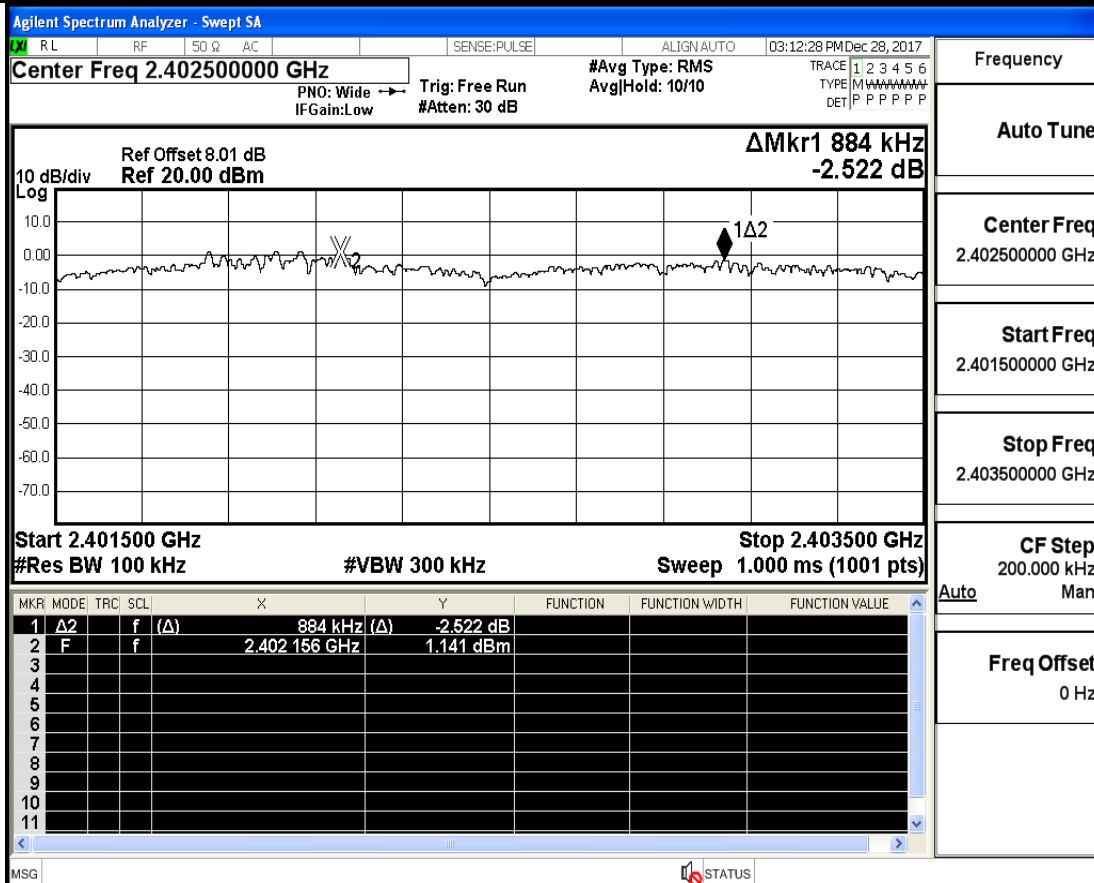
Start Freq
2.478500000 GHz

Stop Freq
2.480500000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

Carrier Frequency Separation_ π /4DQPSK_2402



Frequency

Auto Tune

Center Freq
2.402500000 GHz

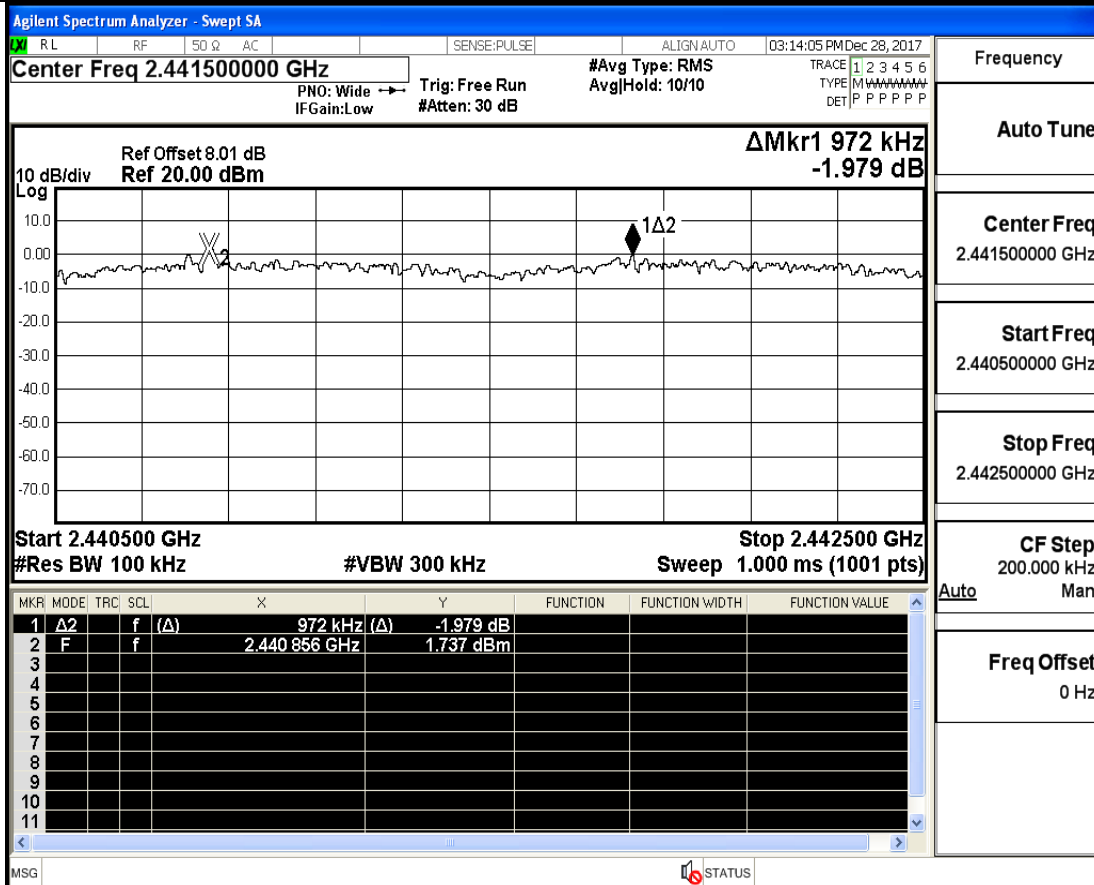
Start Freq
2.401500000 GHz

Stop Freq
2.403500000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

Carrier Frequency Separation_π/4DQPSK_2441



Frequency

Auto Tune

Center Freq
2.441500000 GHz

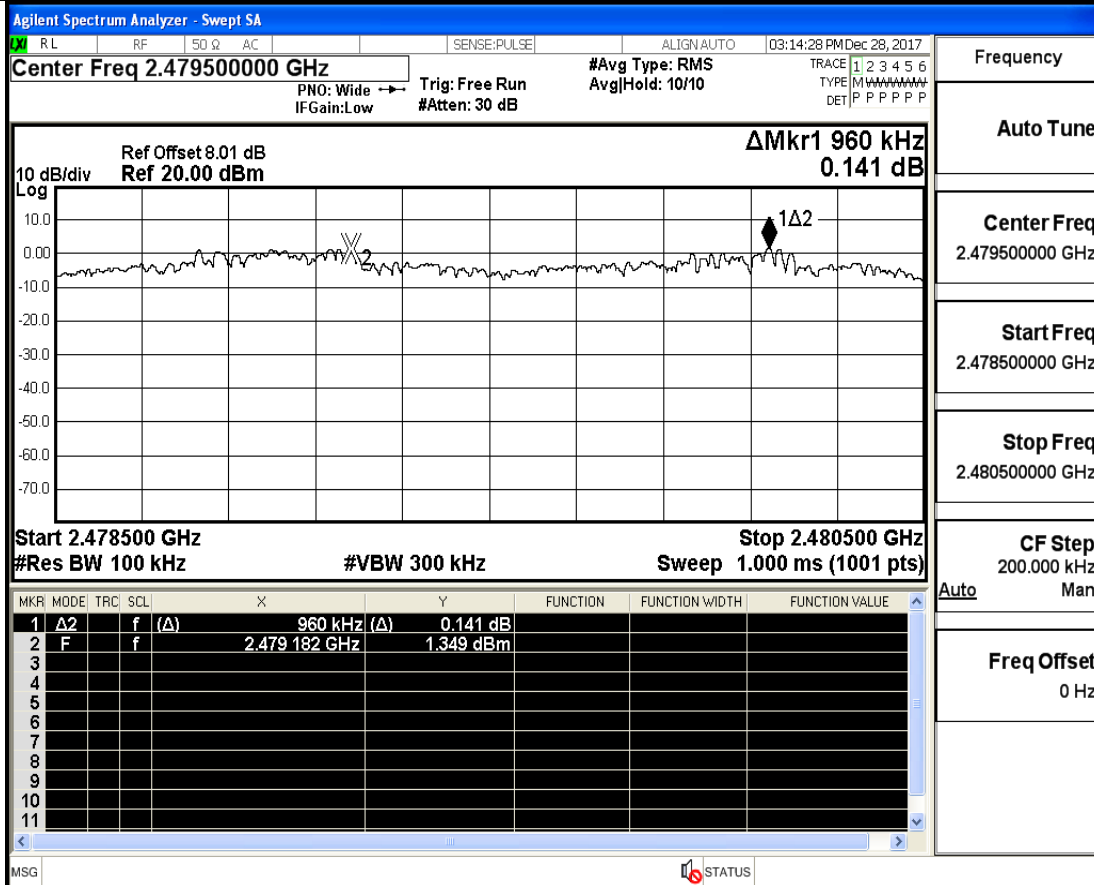
Start Freq
2.440500000 GHz

Stop Freq
2.442500000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

Carrier Frequency Separation_π/4DQPSK_2480



Frequency

Auto Tune

Center Freq
2.479500000 GHz

Start Freq
2.478500000 GHz

Stop Freq
2.480500000 GHz

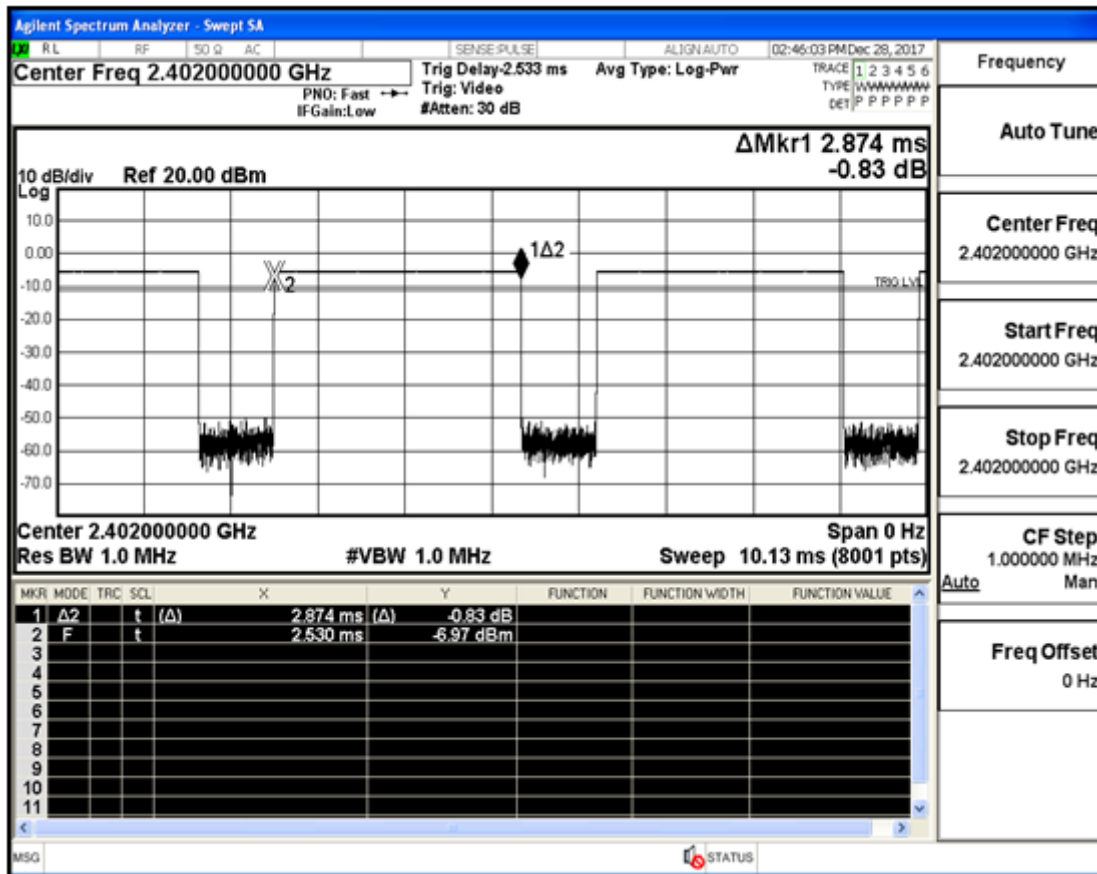
CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

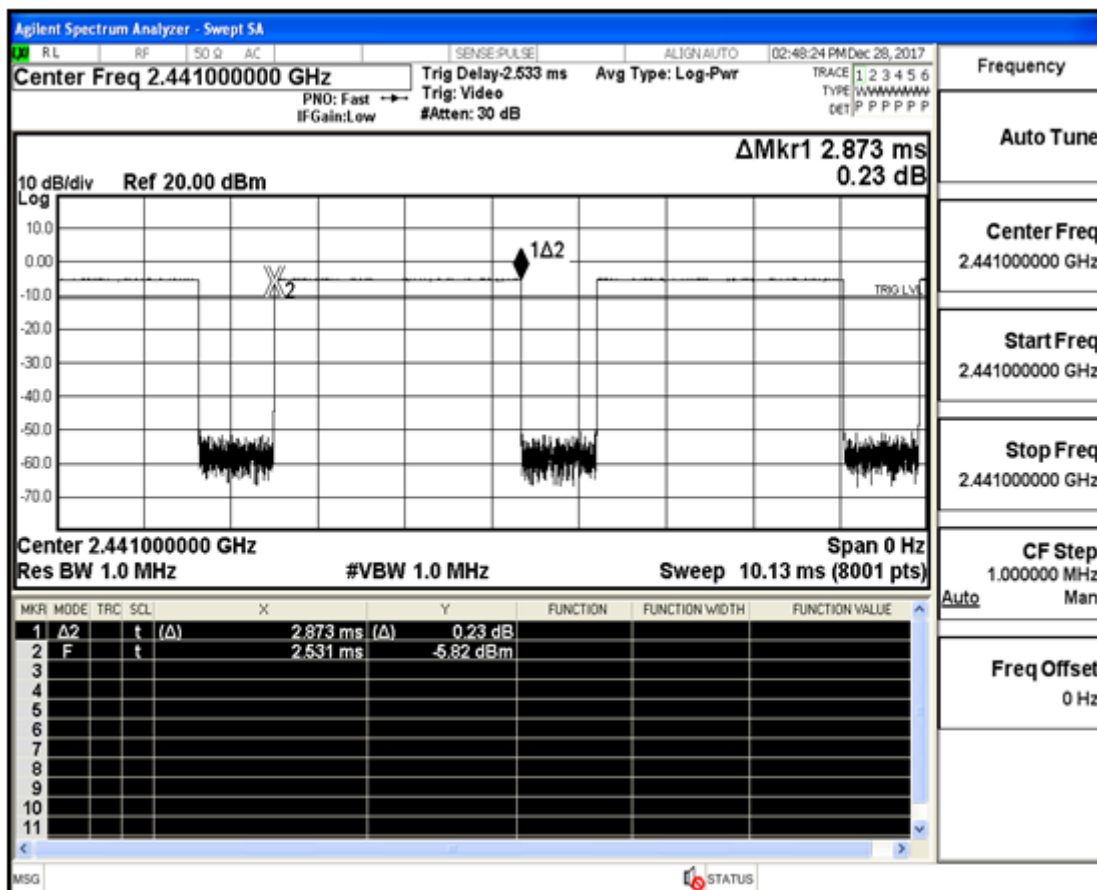
4.Dwell Time

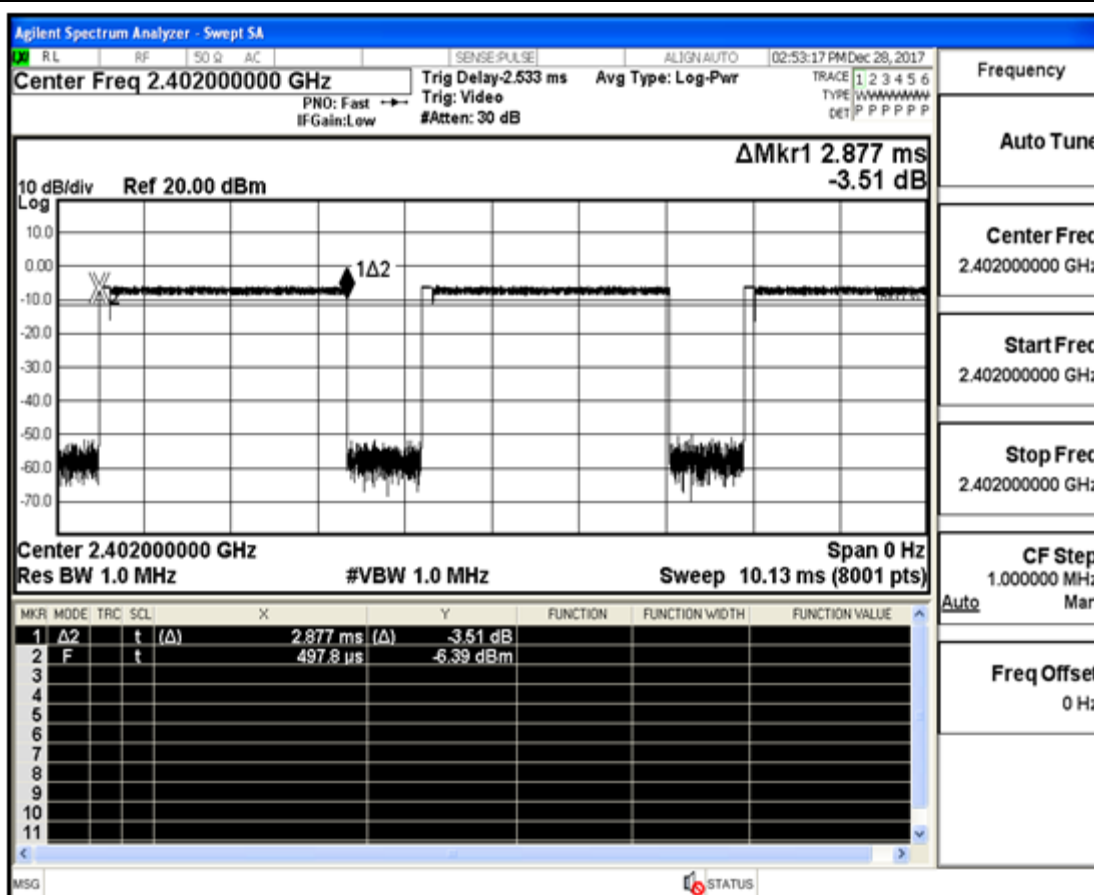
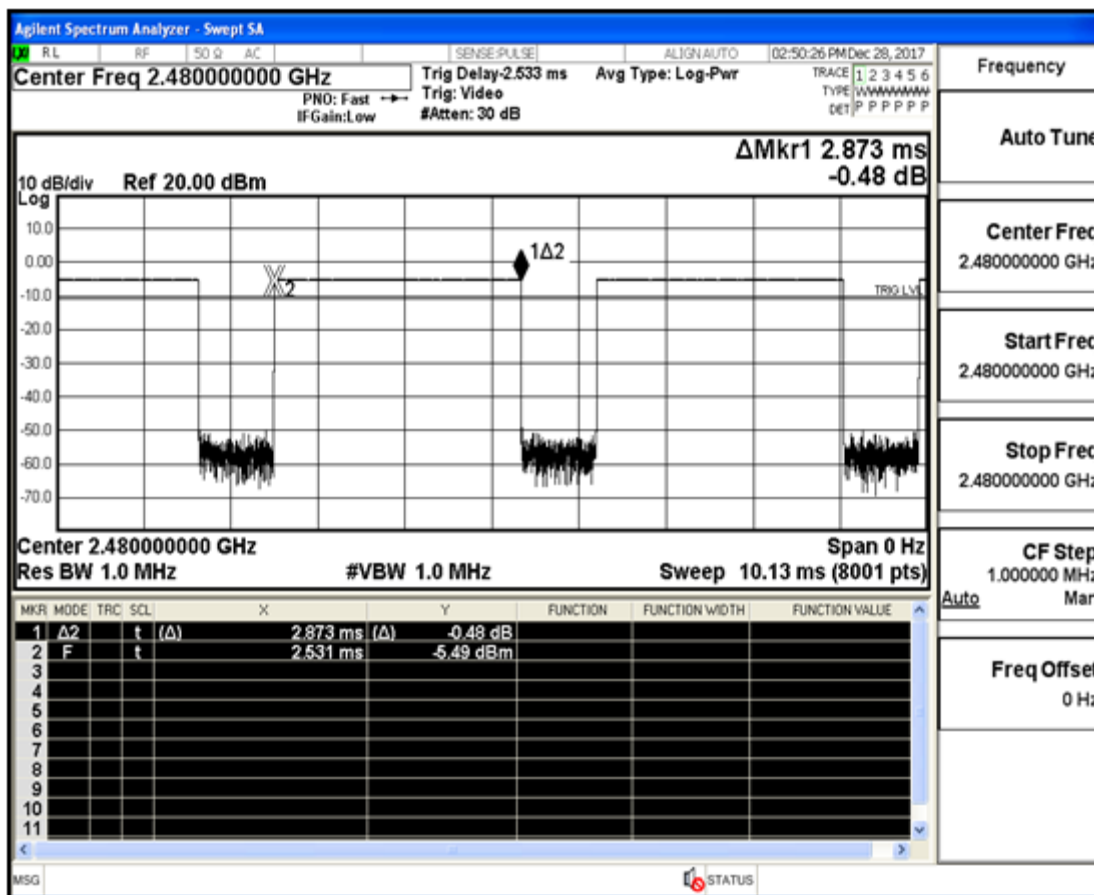
Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
GFSK	2402	2.87	106.7	0.306	0.4	PASS
GFSK	2441	2.87	106.7	0.306	0.4	PASS
GFSK	2480	2.87	106.7	0.306	0.4	PASS
$\pi/4$ DQPSK	2402	2.88	106.7	0.307	0.4	PASS
$\pi/4$ DQPSK	2441	2.88	106.7	0.307	0.4	PASS
$\pi/4$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

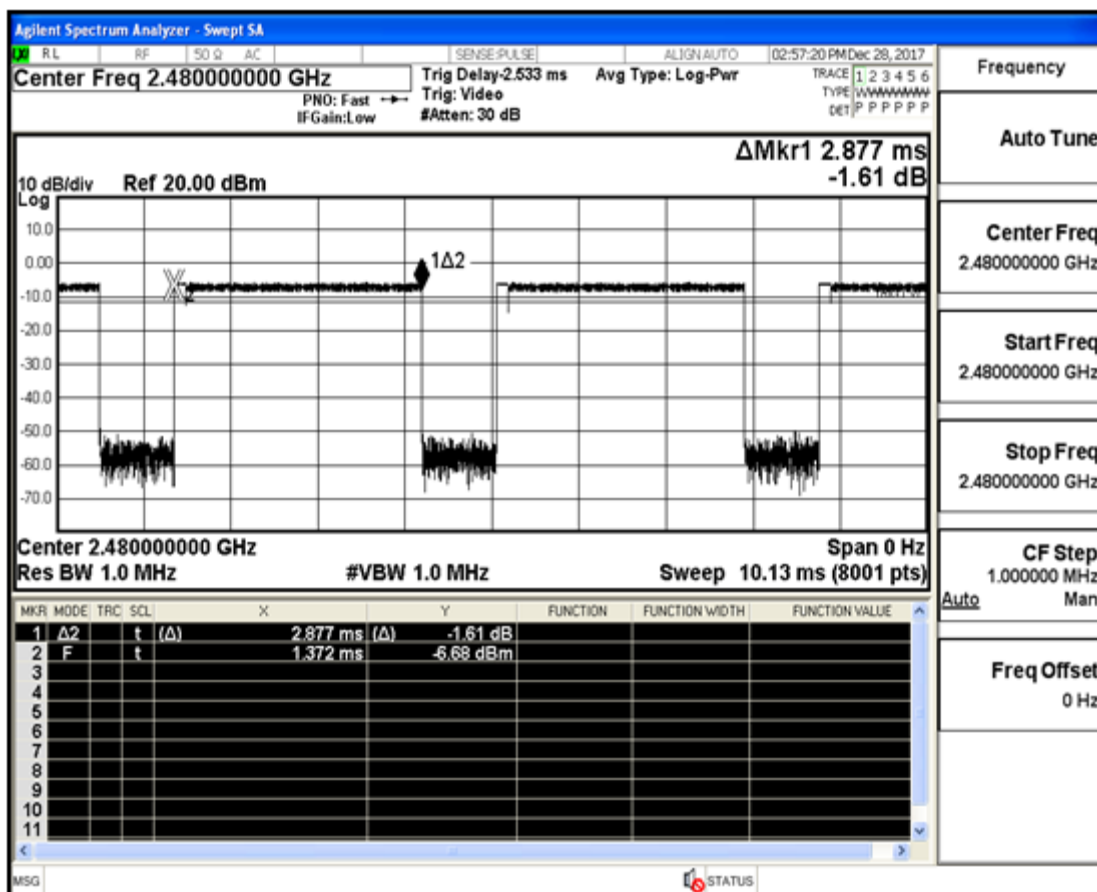
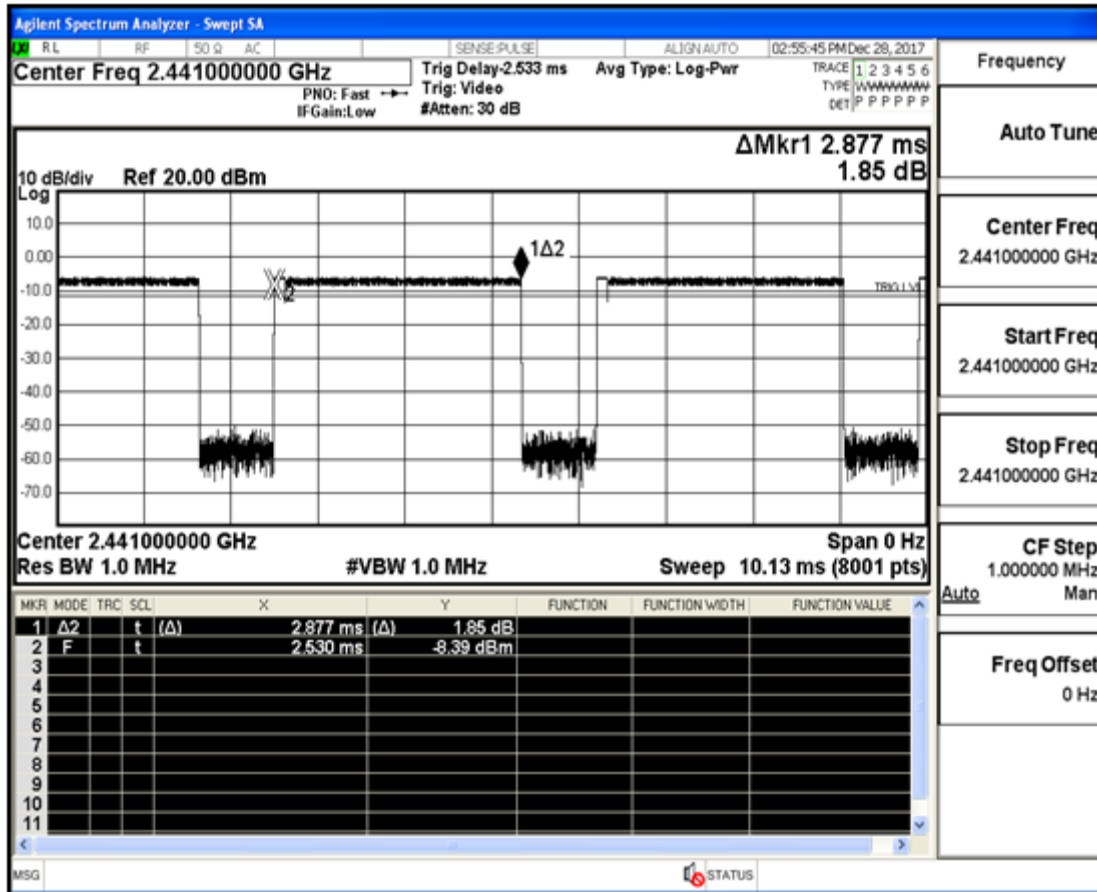
Dwell Time_GFSK_2402



Dwell Time_GFSK_2441



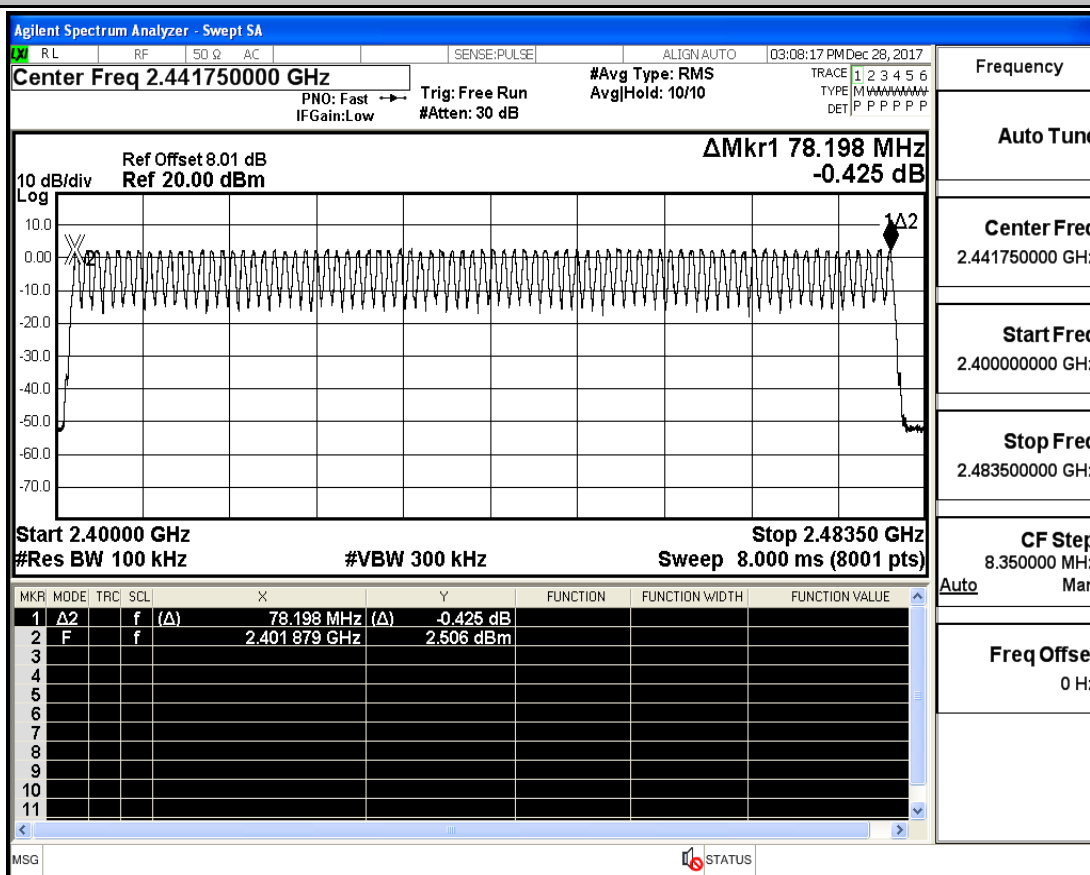




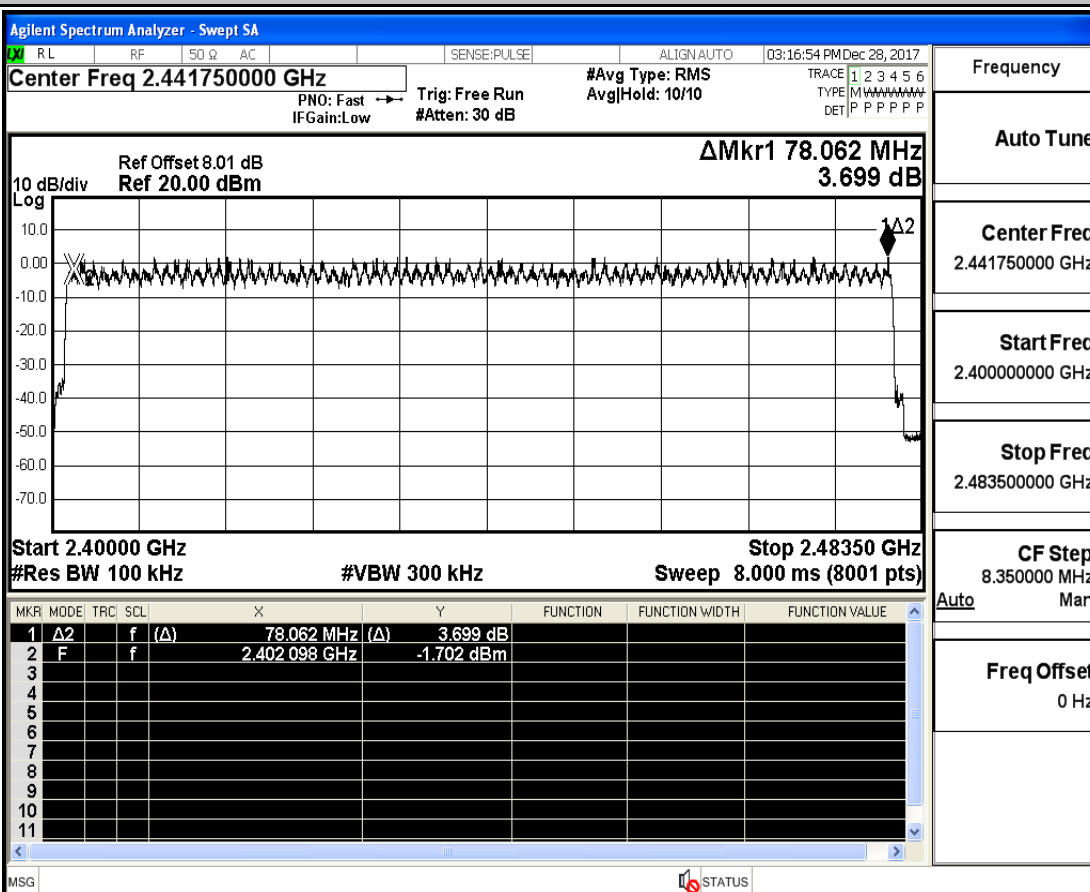
5.Hopping Channel Number

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



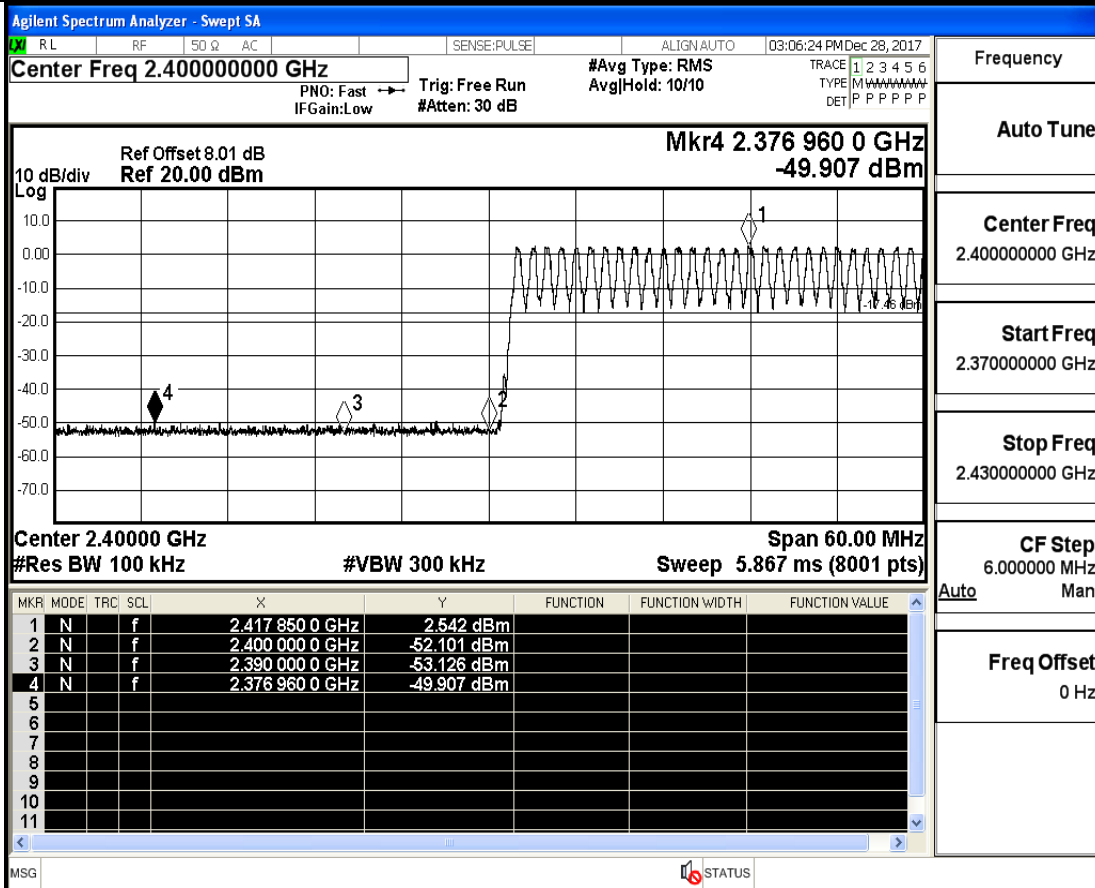
Hopping Channel Number_π/4DQPSK_2402



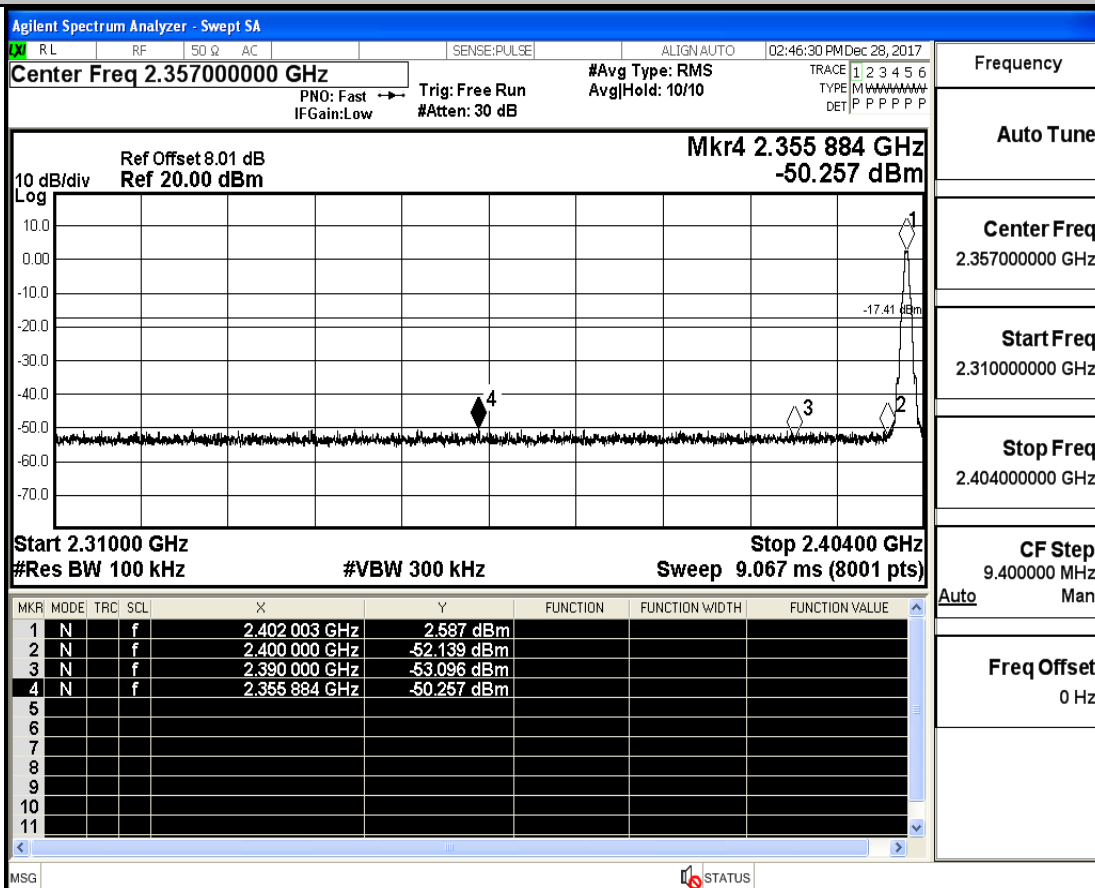
6.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
GFSK	2402	On	2.542	-49.907	-17.46	PASS
GFSK	2402	Off	2.587	-50.257	-17.41	PASS
GFSK	2480	On	2.610	-49.909	-17.39	PASS
GFSK	2480	Off	2.882	-49.336	-17.12	PASS
$\pi/4$ DQPSK	2402	On	1.861	-49.653	-18.14	PASS
$\pi/4$ DQPSK	2402	Off	0.330	-50.461	-19.67	PASS
$\pi/4$ DQPSK	2480	On	1.823	-49.016	-18.18	PASS
$\pi/4$ DQPSK	2480	Off	1.767	-50.523	-18.23	PASS

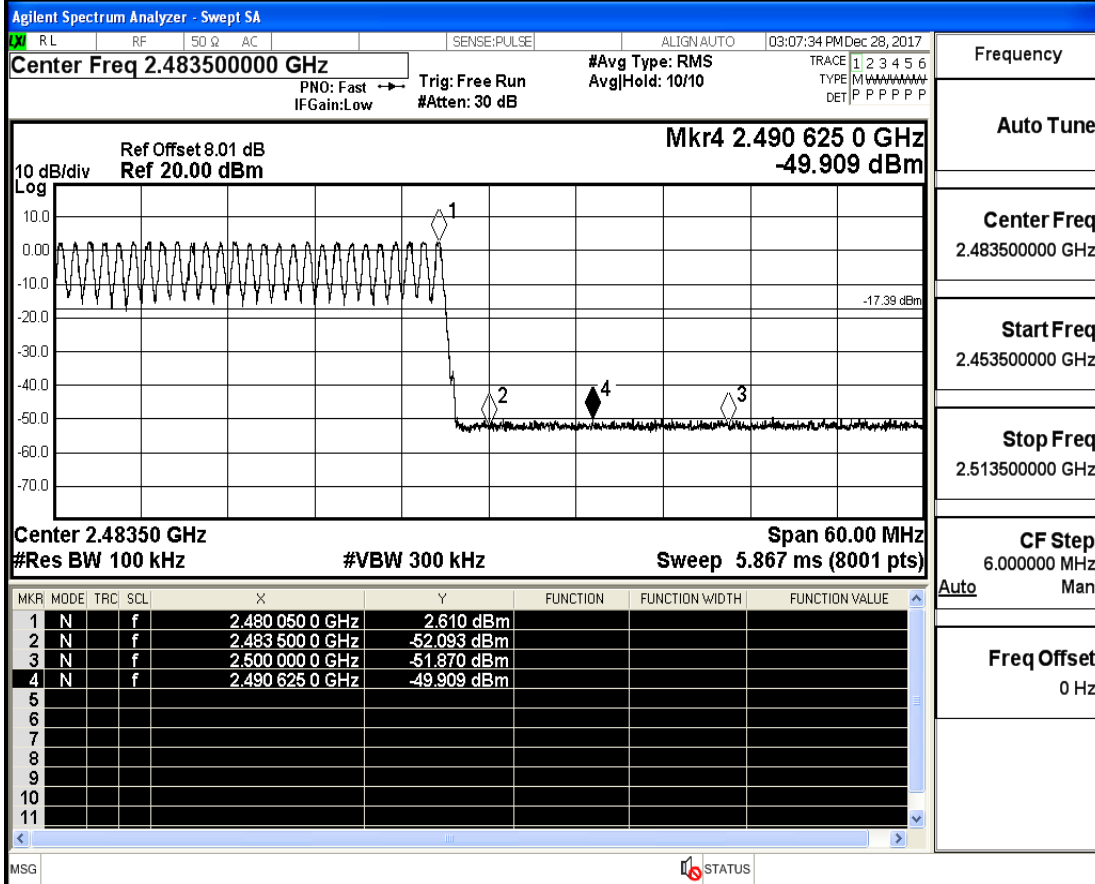
Band-edge for RF Conducted Emissions_GFSK_2402_Hopping On



Band-edge for RF Conducted Emissions_GFSK_2402_Hopping Off



Band-edge for RF Conducted Emissions_GFSK_2480_Hopping On



Frequency

Auto Tune

Center Freq
2.483500000 GHz

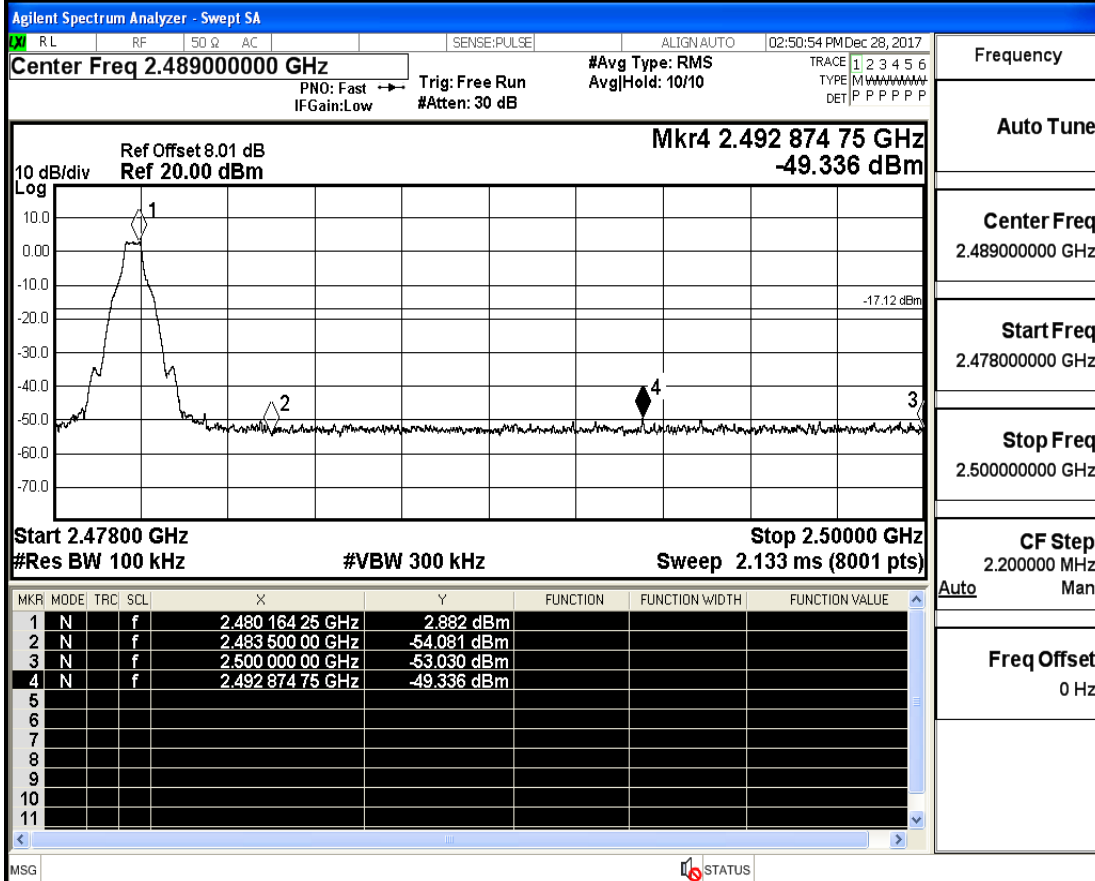
Start Freq
2.453500000 GHz

Stop Freq
2.513500000 GHz

CF Step
6.000000 MHz
Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_GFSK_2480_Hopping Off



Frequency

Auto Tune

Center Freq
2.489000000 GHz

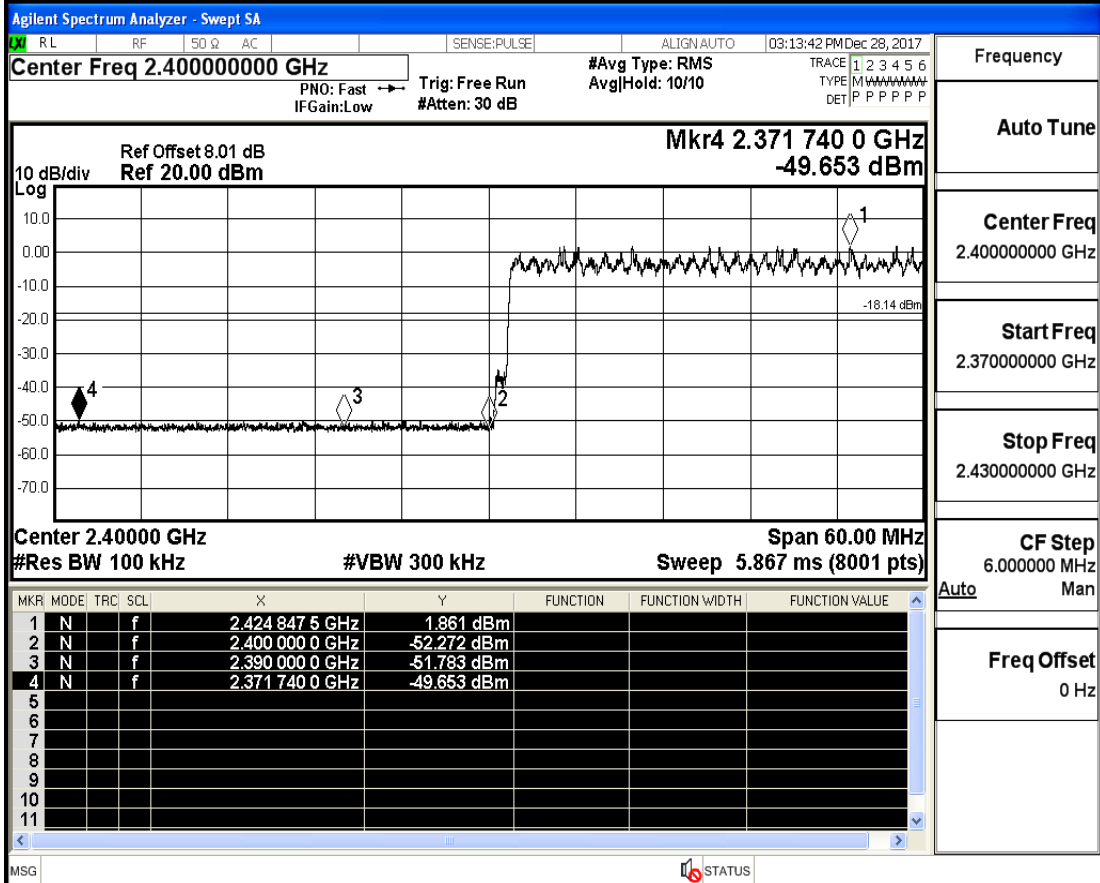
Start Freq
2.478000000 GHz

Stop Freq
2.500000000 GHz

CF Step
2.200000 MHz
Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_π/4DQPSK_2402_Hopping On



Frequency

Auto Tune

Center Freq
2.400000000 GHz

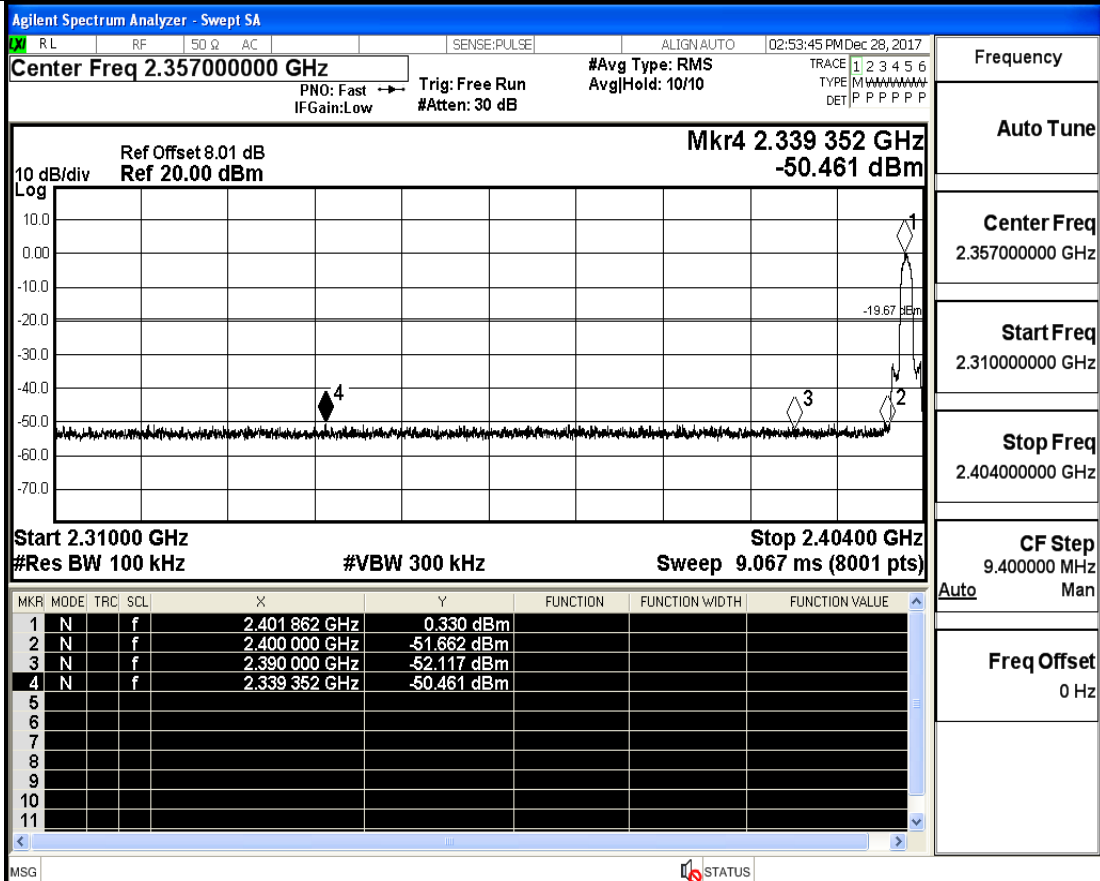
Start Freq
2.370000000 GHz

Stop Freq
2.430000000 GHz

CF Step
6.000000 MHz
Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_π/4DQPSK_2402_Hopping Off



Frequency

Auto Tune

Center Freq
2.357000000 GHz

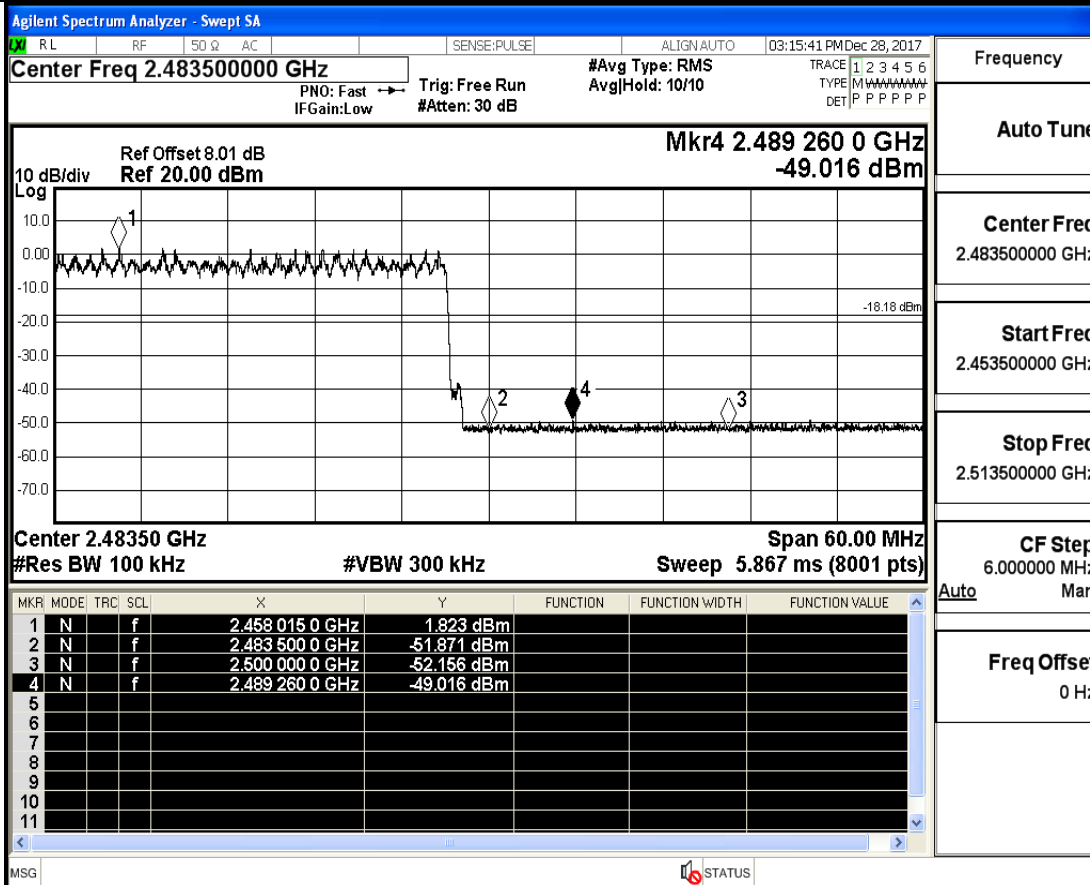
Start Freq
2.310000000 GHz

Stop Freq
2.404000000 GHz

CF Step
9.400000 MHz
Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_π/4DQPSK_2480_Hopping On



Frequency

Auto Tune

Center Freq
2.483500000 GHz

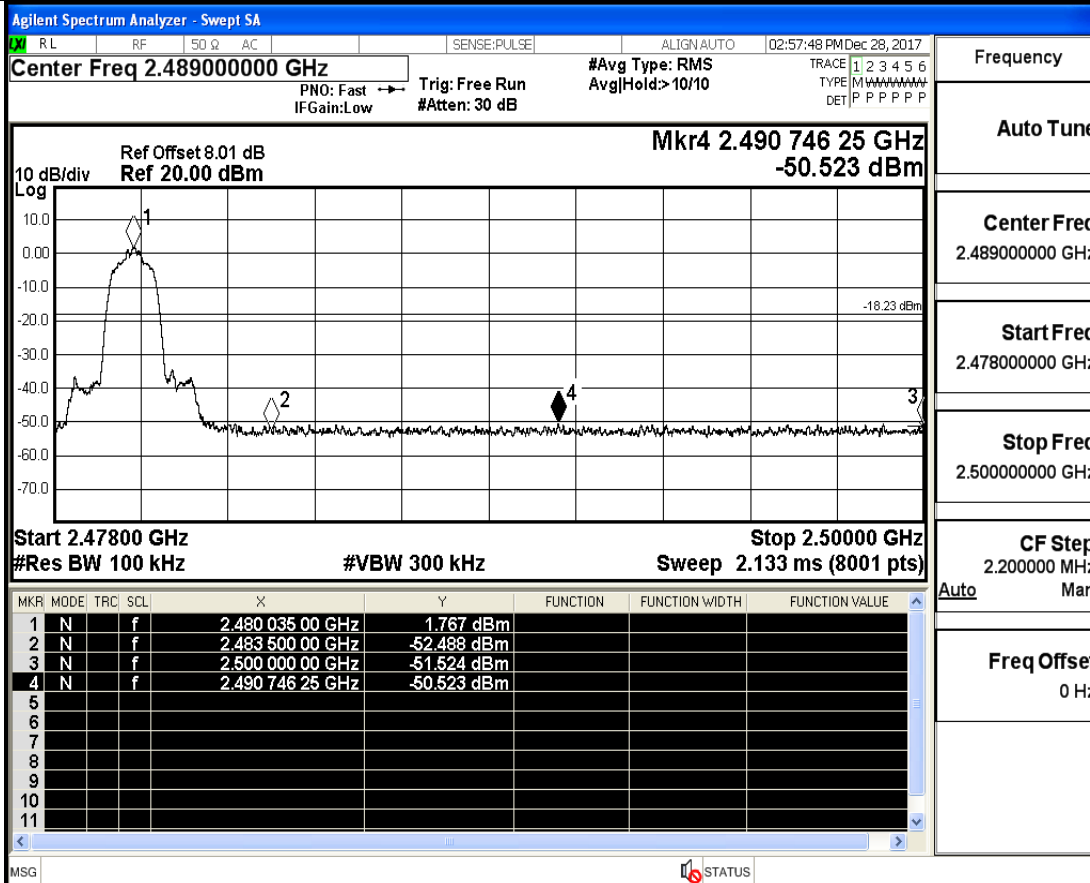
Start Freq
2.453500000 GHz

Stop Freq
2.513500000 GHz

CF Step
6.000000 MHz
Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_π/4DQPSK_2480_Hopping Off



Frequency

Auto Tune

Center Freq
2.489000000 GHz

Start Freq
2.478000000 GHz

Stop Freq
2.500000000 GHz

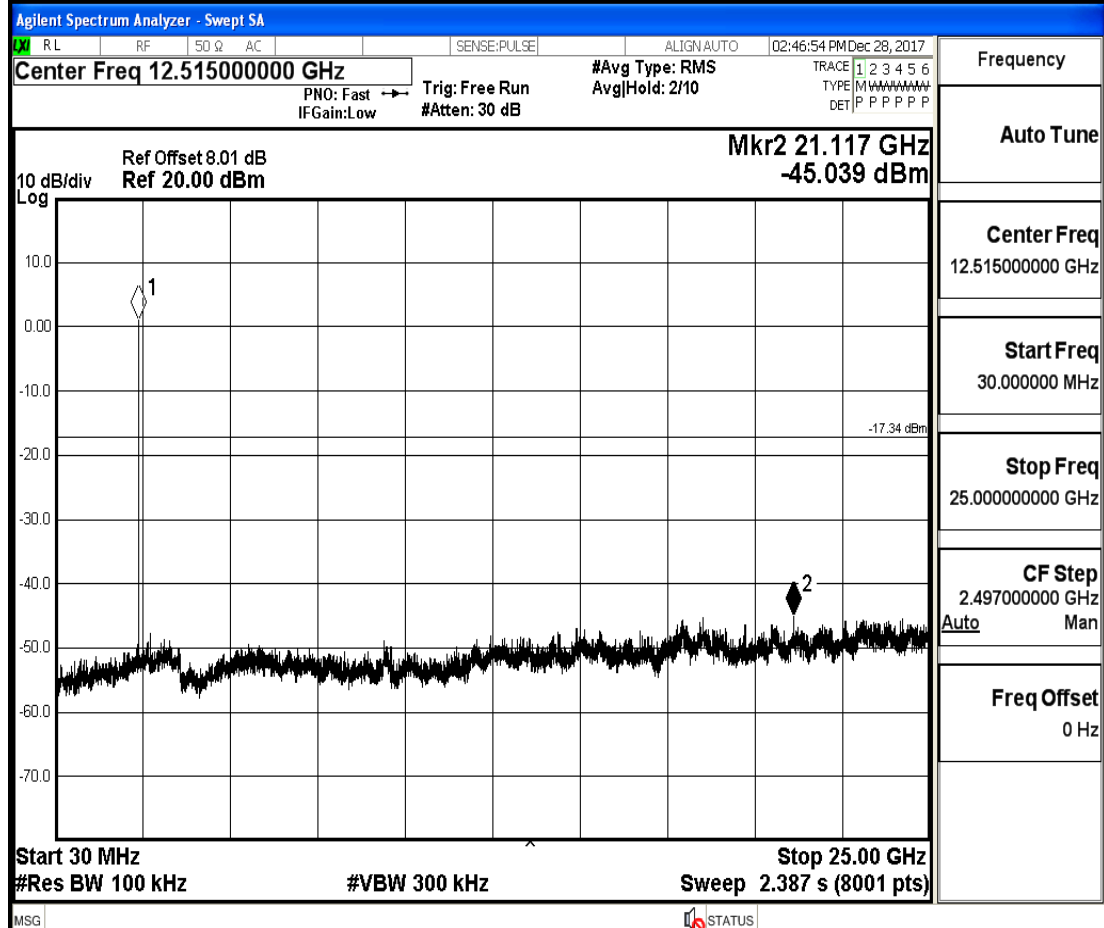
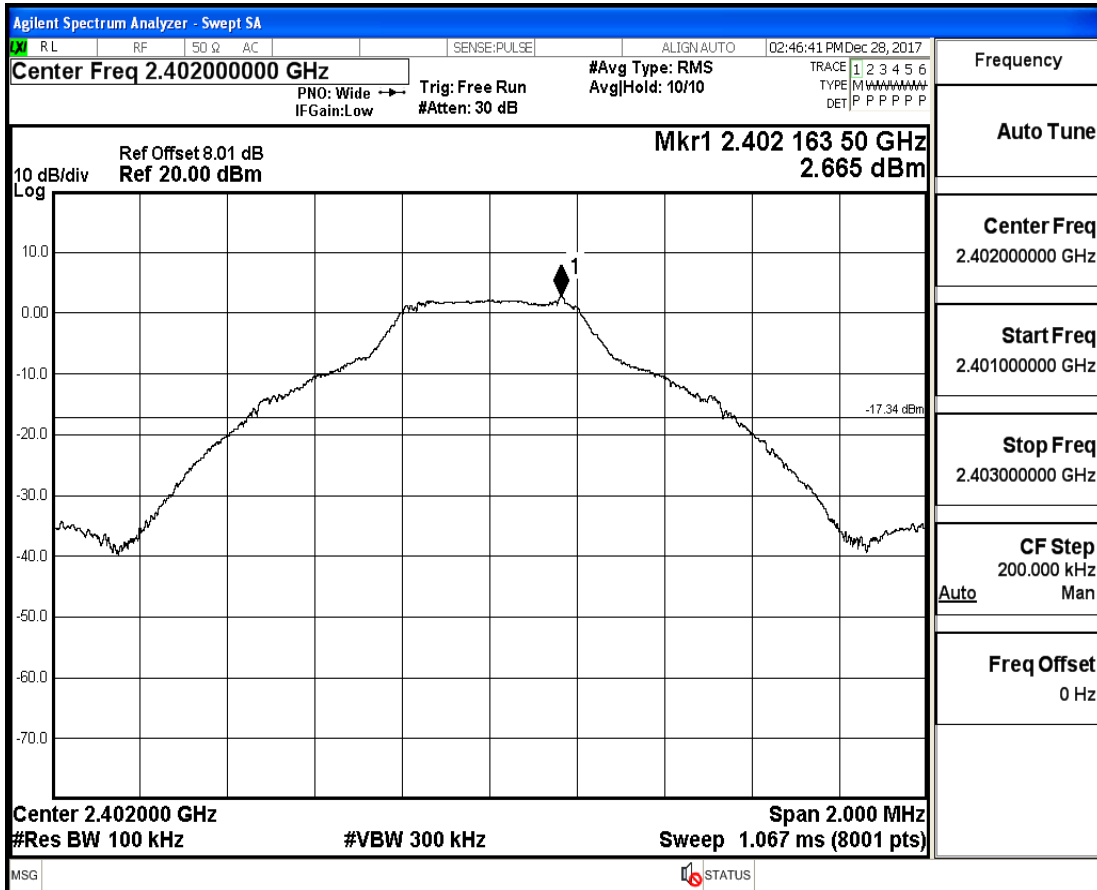
CF Step
2.200000 MHz
Auto Man

Freq Offset
0 Hz

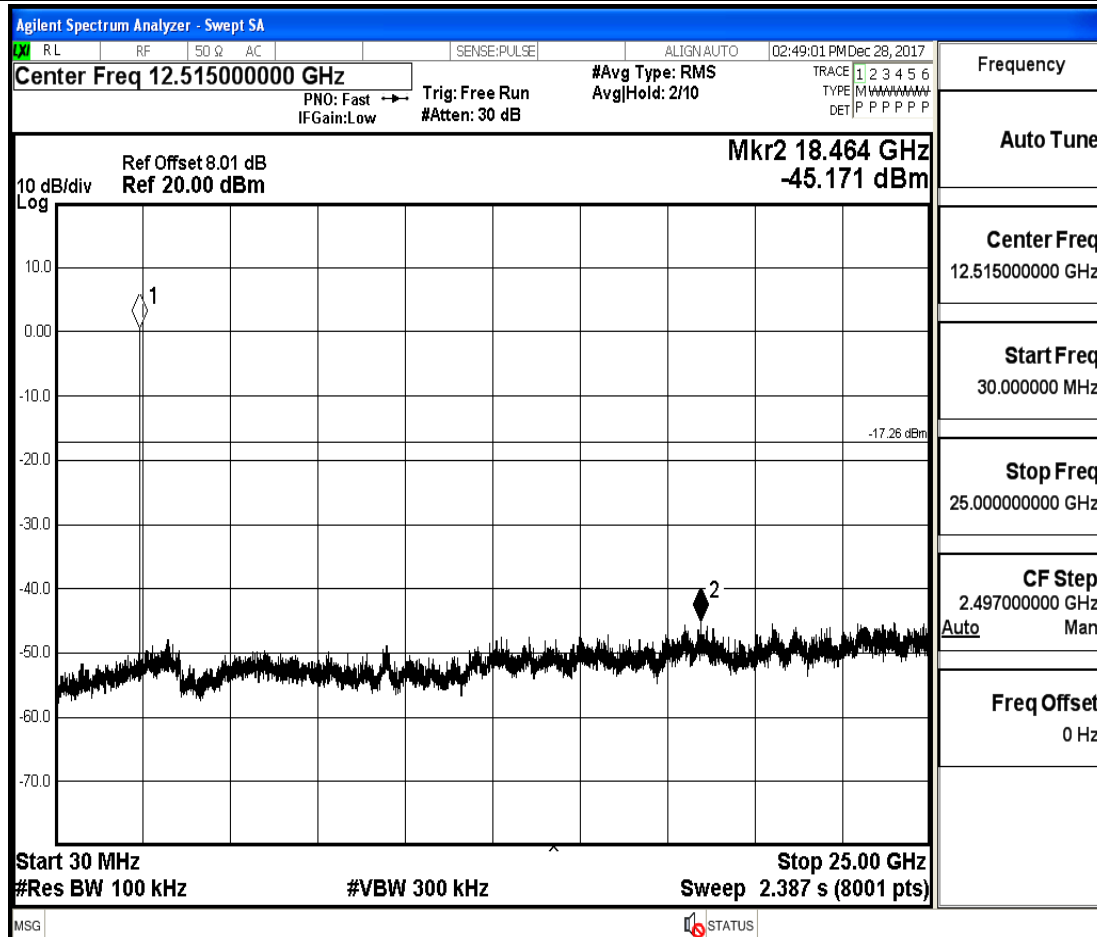
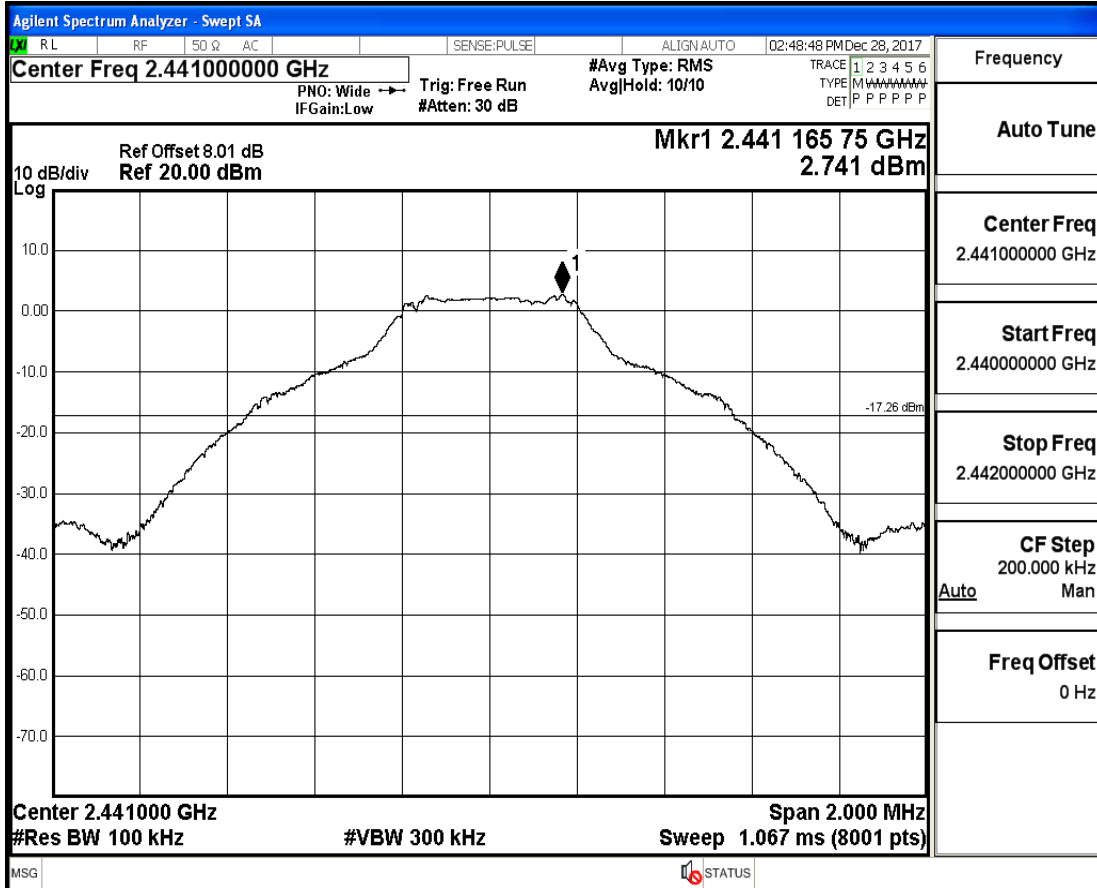
7.RF Conducted Spurious Emissions

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	2.665	-45.039	<- 17.335	PASS
GFSK	2441	30	25000	100	300	2.741	-45.171	<- 17.259	PASS
GFSK	2480	30	25000	100	300	2.829	-43.848	<- 17.171	PASS
$\pi/4$ DQPSK	2402	30	25000	100	300	1.747	-44.692	<- 18.253	PASS
$\pi/4$ DQPSK	2441	30	25000	100	300	1.505	-44.790	<- 18.495	PASS
$\pi/4$ DQPSK	2480	30	25000	100	300	1.996	-44.843	<- 18.004	PASS

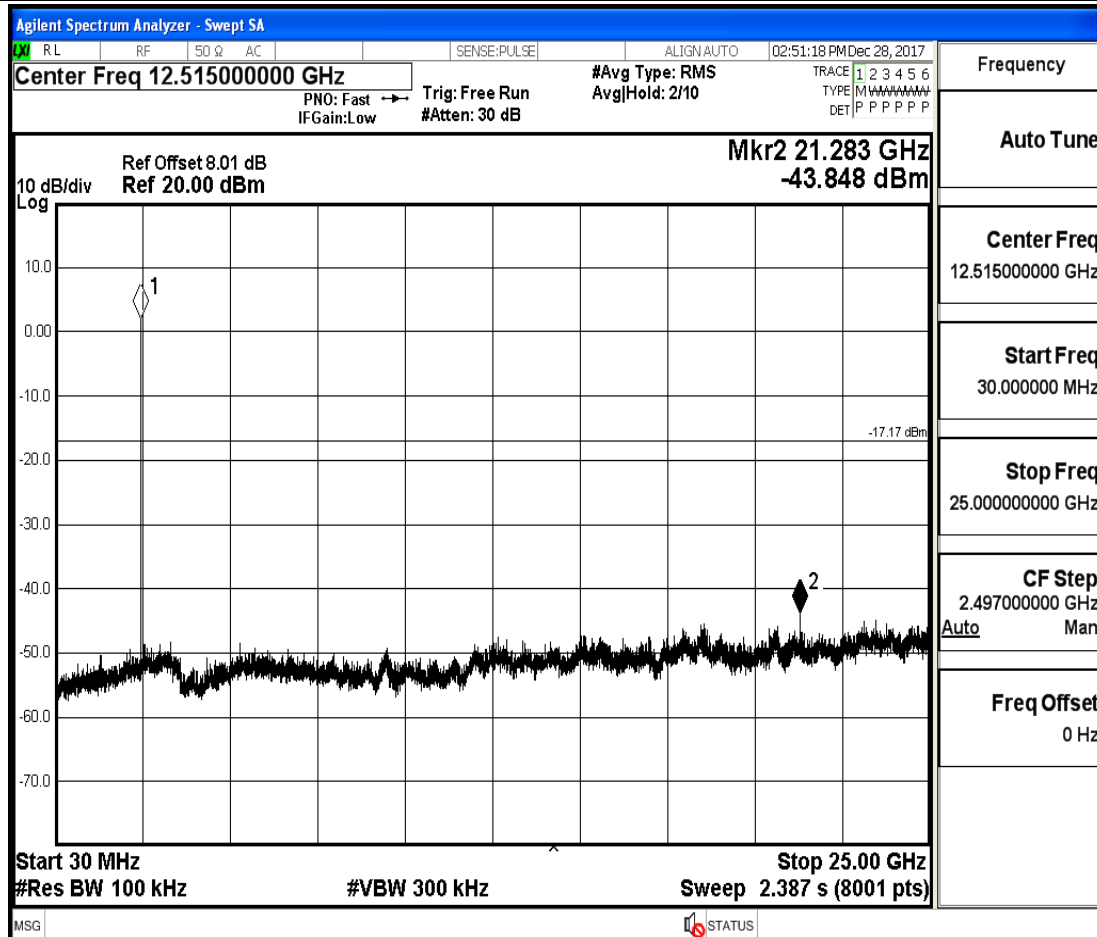
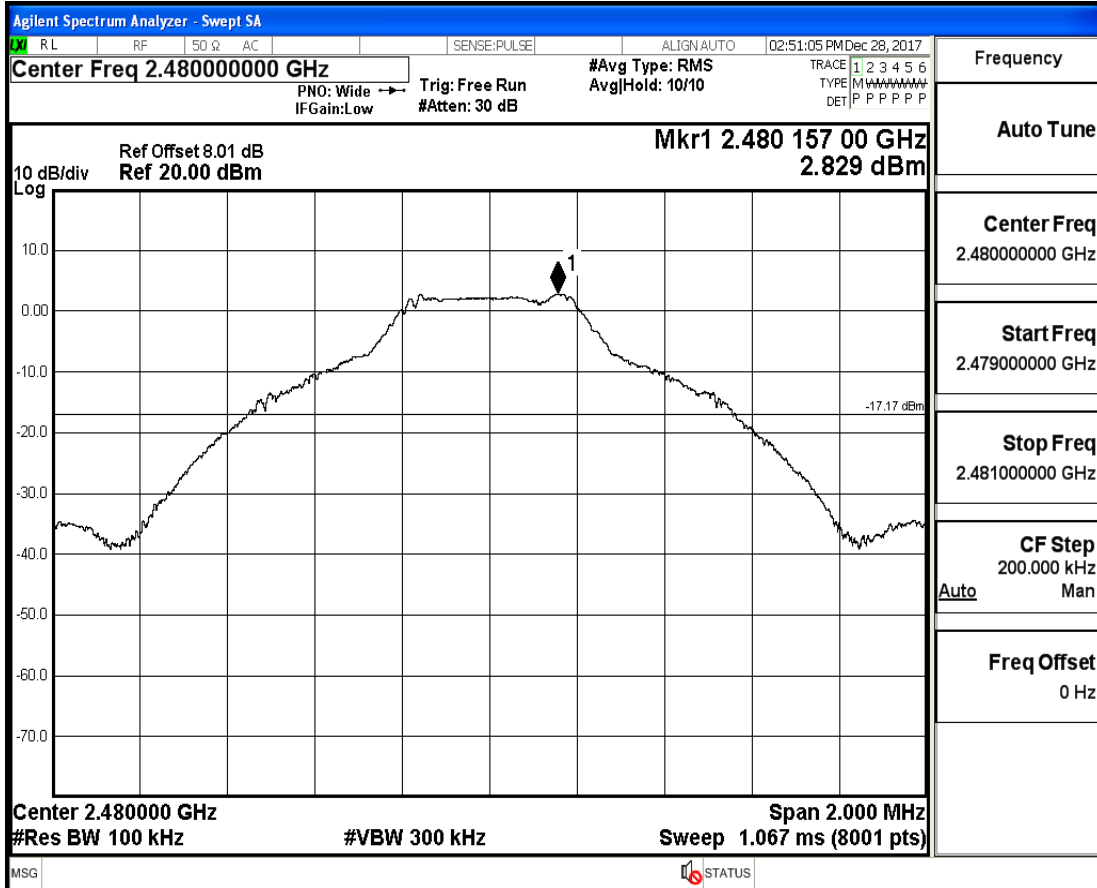
RF Conducted Spurious Emissions_GFSK_2402



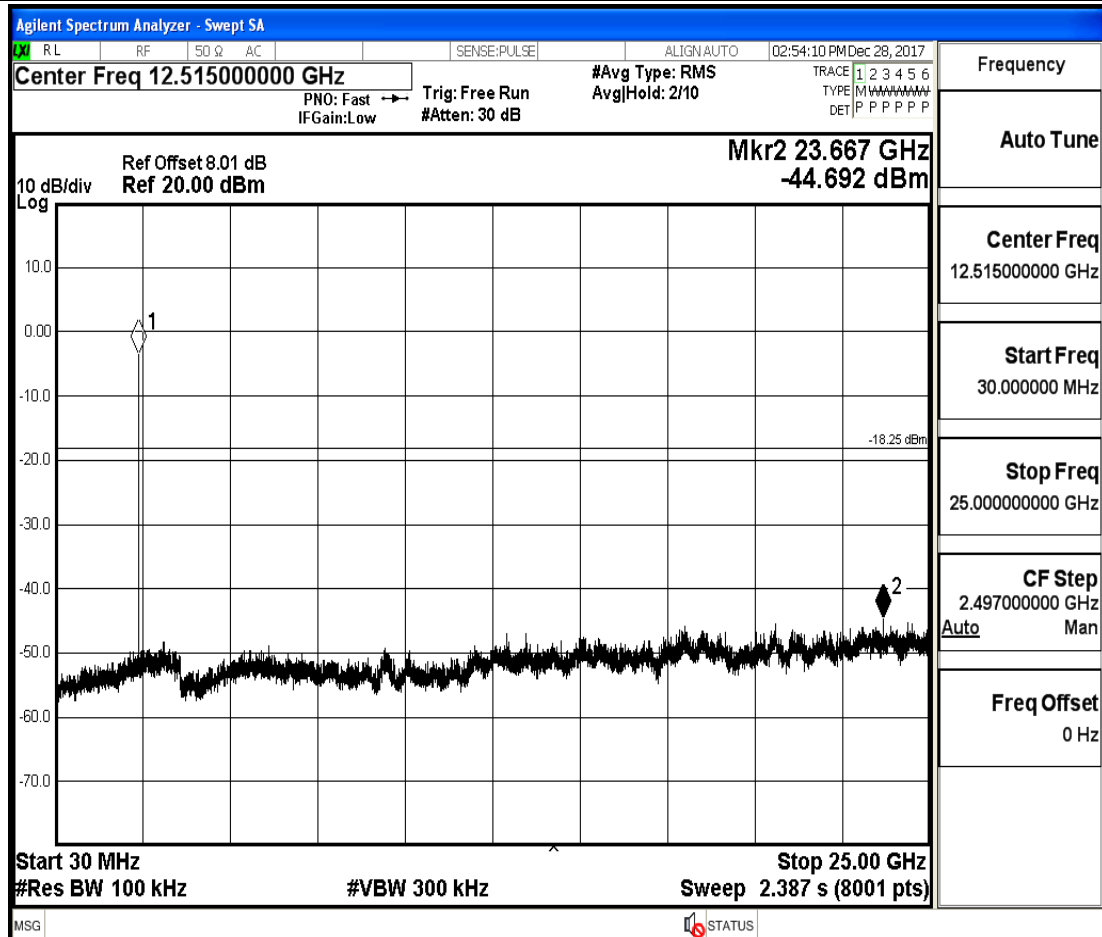
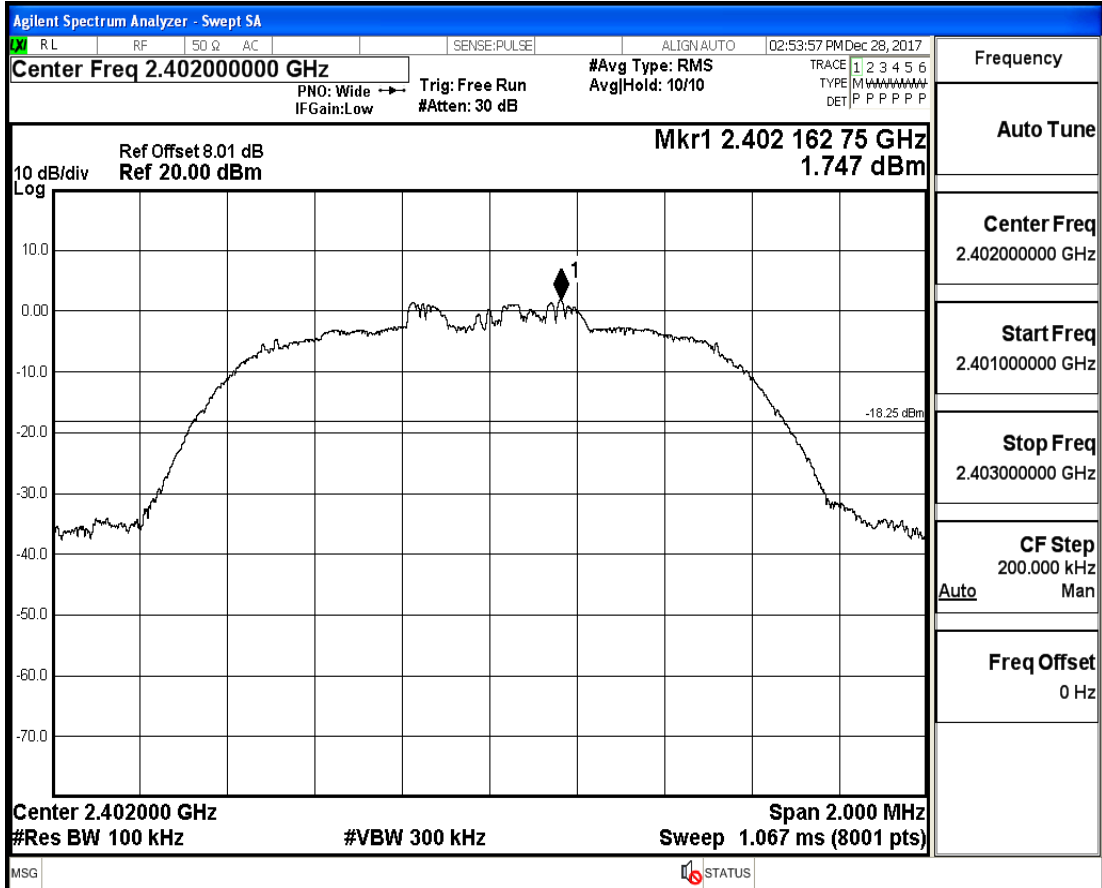
RF Conducted Spurious Emissions_GFSK_2441



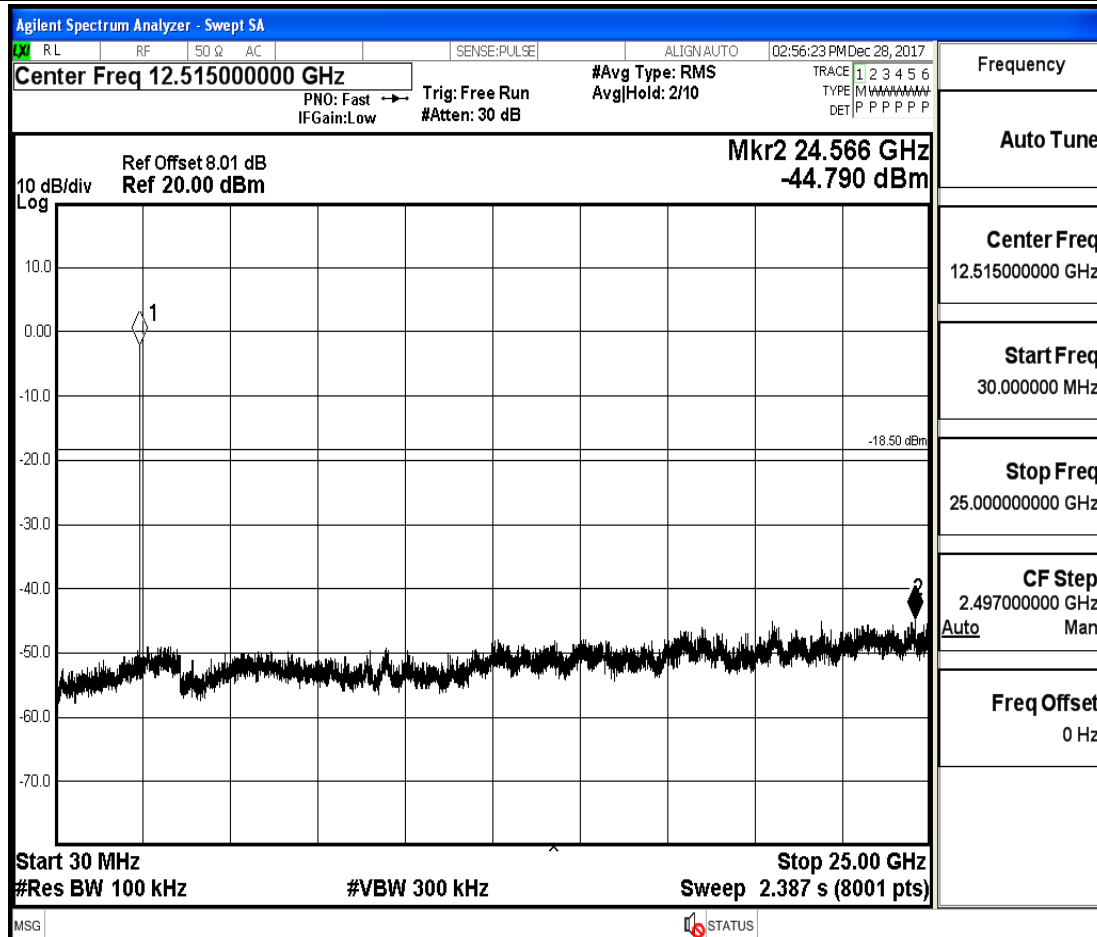
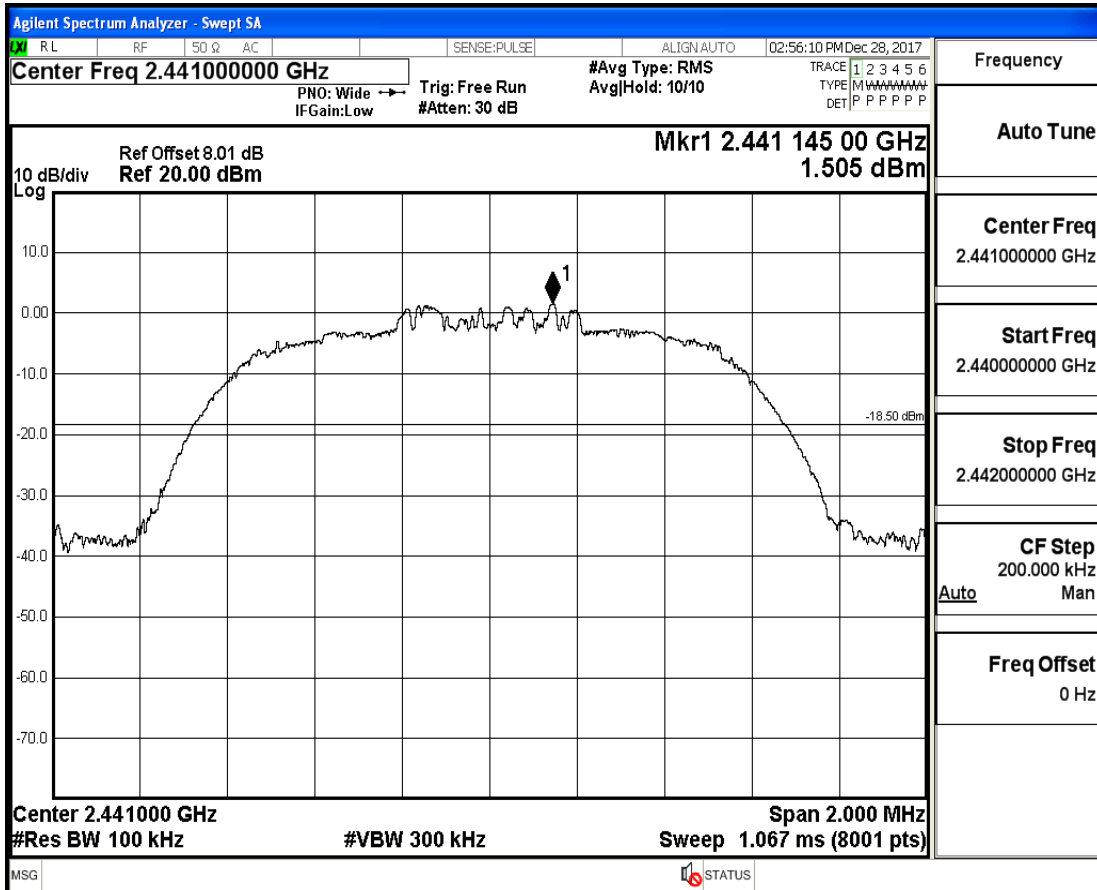
RF Conducted Spurious Emissions_GFSK_2480



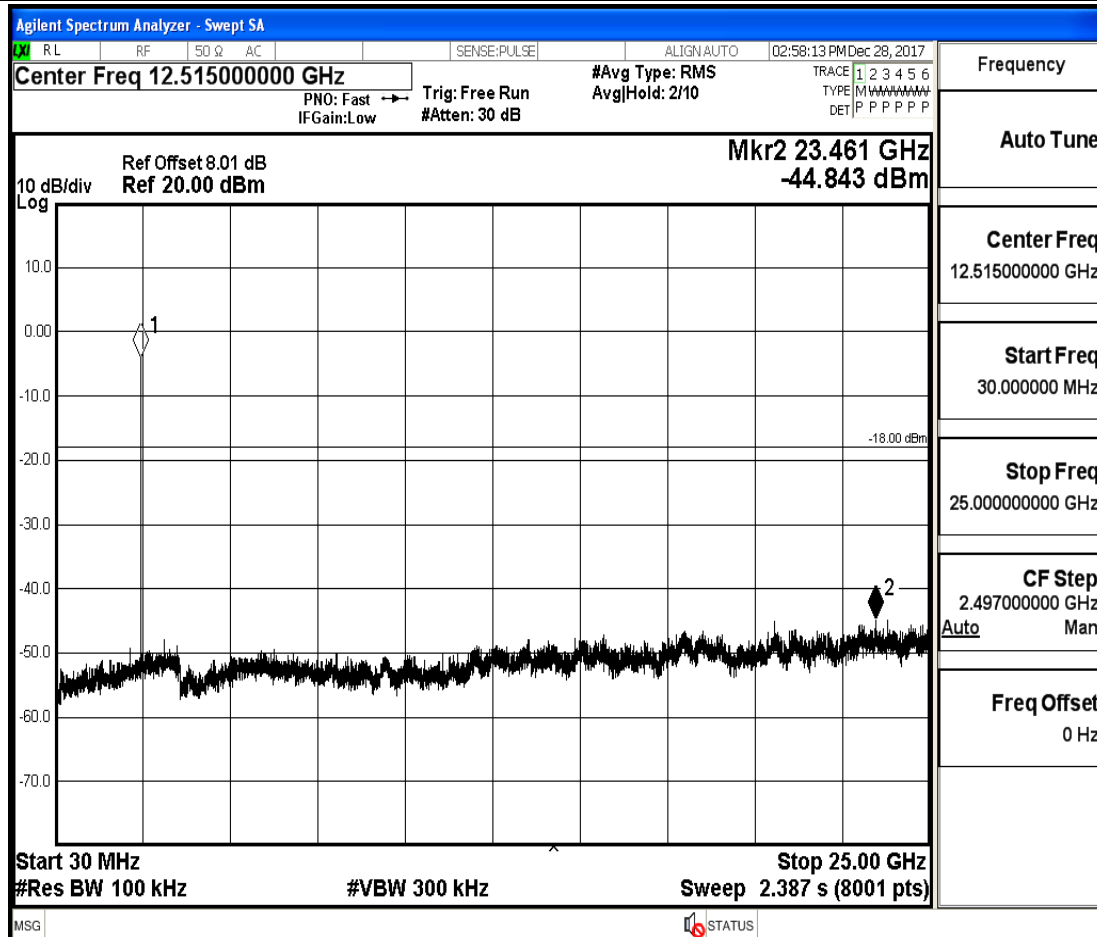
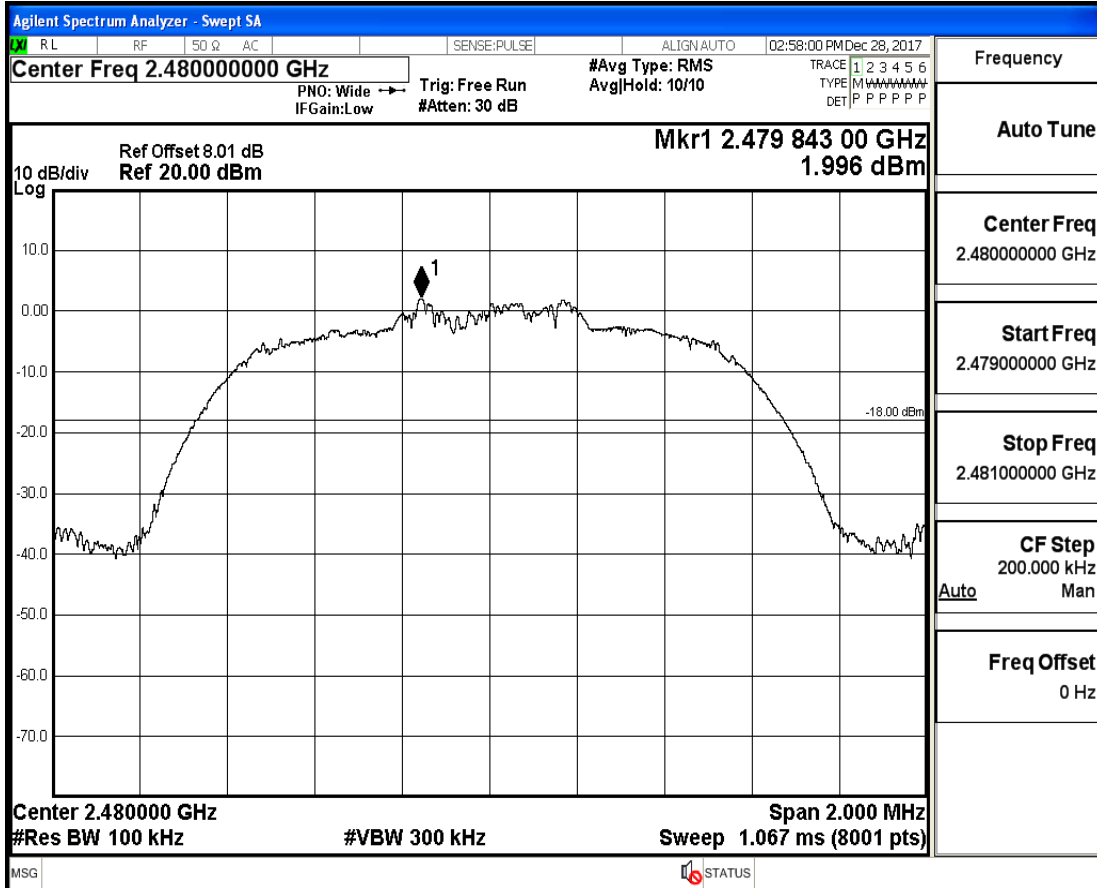
RF Conducted Spurious Emissions_π/4DQPSK_2402



RF Conducted Spurious Emissions_π/4DQPSK_2441



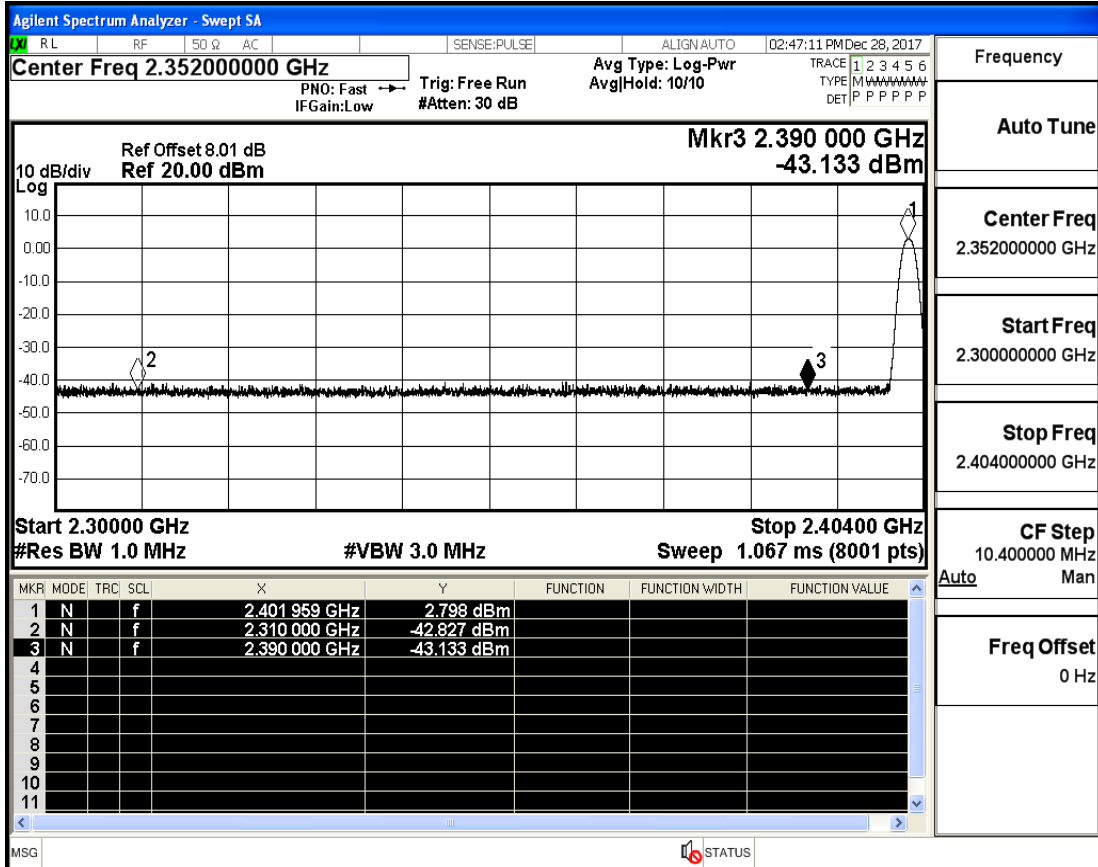
RF Conducted Spurious Emissions_π/4DQPSK_2480



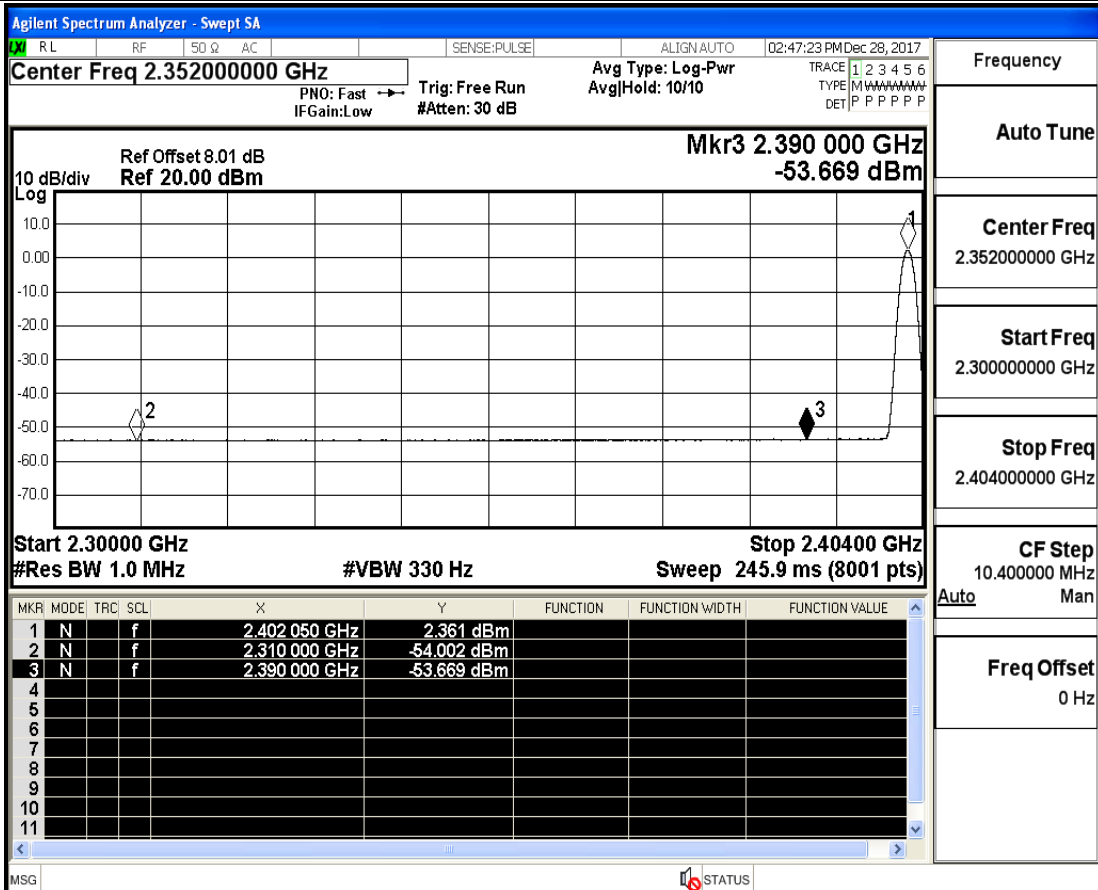
8.Restrict-band band-edge measurements

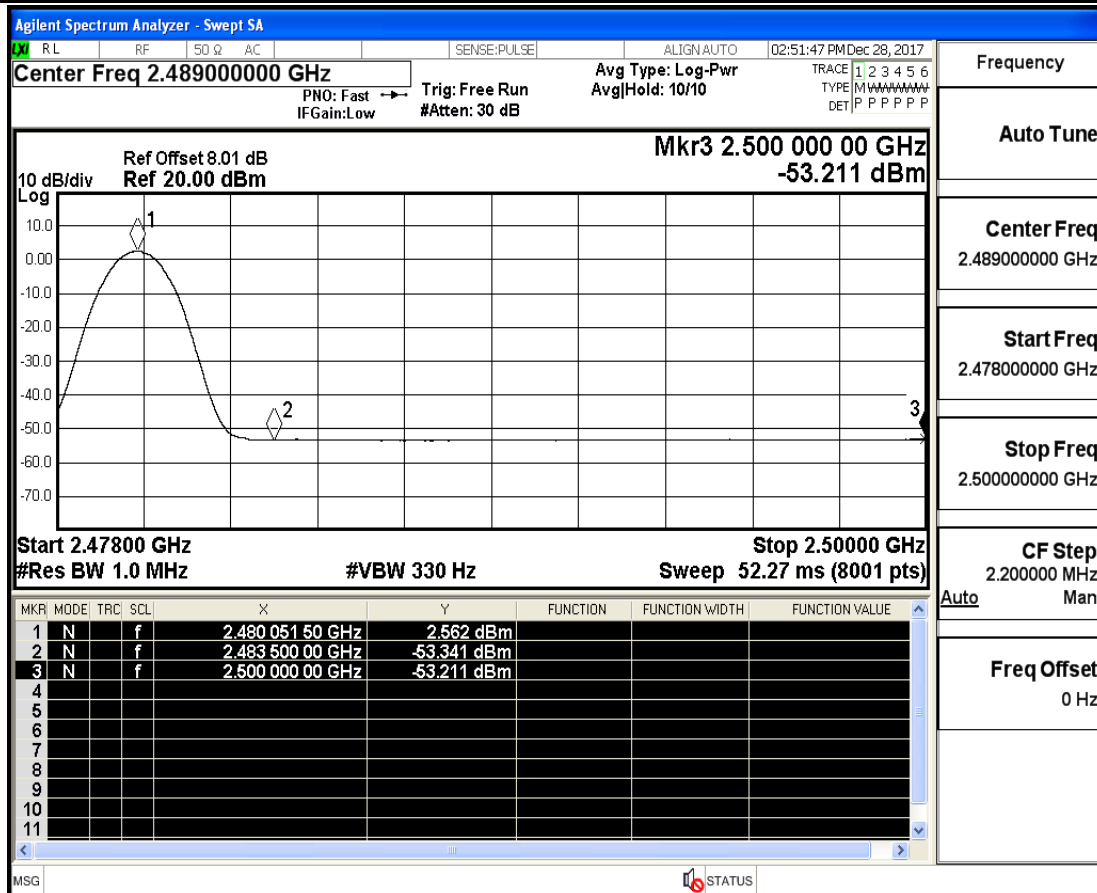
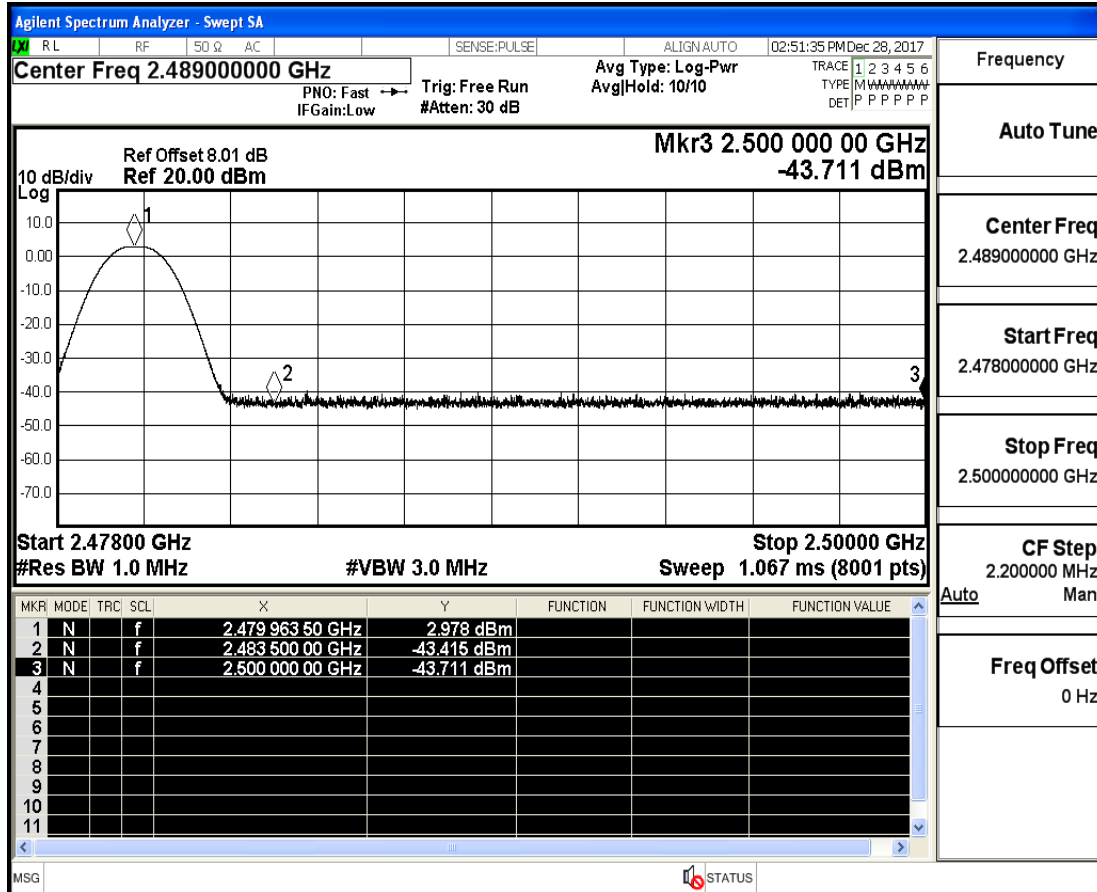
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	On	2310.0	-42.83	2	0	54.43	PEAK	74	PASS
GFSK	On	2310.0	-54.00	2	0	43.26	AV	54	PASS
GFSK	On	2390.0	-43.13	2	0	54.12	PEAK	74	PASS
GFSK	On	2390.0	-53.67	2	0	43.59	AV	54	PASS
GFSK	On	2483.5	-43.42	2	0	53.84	PEAK	74	PASS
GFSK	On	2483.5	-53.34	2	0	43.92	AV	54	PASS
GFSK	On	2500.0	-43.71	2	0	53.55	PEAK	74	PASS
GFSK	On	2500.0	-53.21	2	0	44.05	AV	54	PASS
$\pi/4$ DQPSK	On	2310.0	-44.23	2	0	53.03	PEAK	74	PASS
$\pi/4$ DQPSK	On	2310.0	-53.87	2	0	43.38	AV	54	PASS
$\pi/4$ DQPSK	On	2390.0	-43.63	2	0	53.63	PEAK	74	PASS
$\pi/4$ DQPSK	On	2390.0	-53.49	2	0	43.76	AV	54	PASS
$\pi/4$ DQPSK	On	2483.5	-42.92	2	0	54.34	PEAK	74	PASS
$\pi/4$ DQPSK	On	2483.5	-53.28	2	0	43.98	AV	54	PASS
$\pi/4$ DQPSK	On	2500.0	-42.02	2	0	55.24	PEAK	74	PASS
$\pi/4$ DQPSK	On	2500.0	-53.30	2	0	43.96	AV	54	PASS

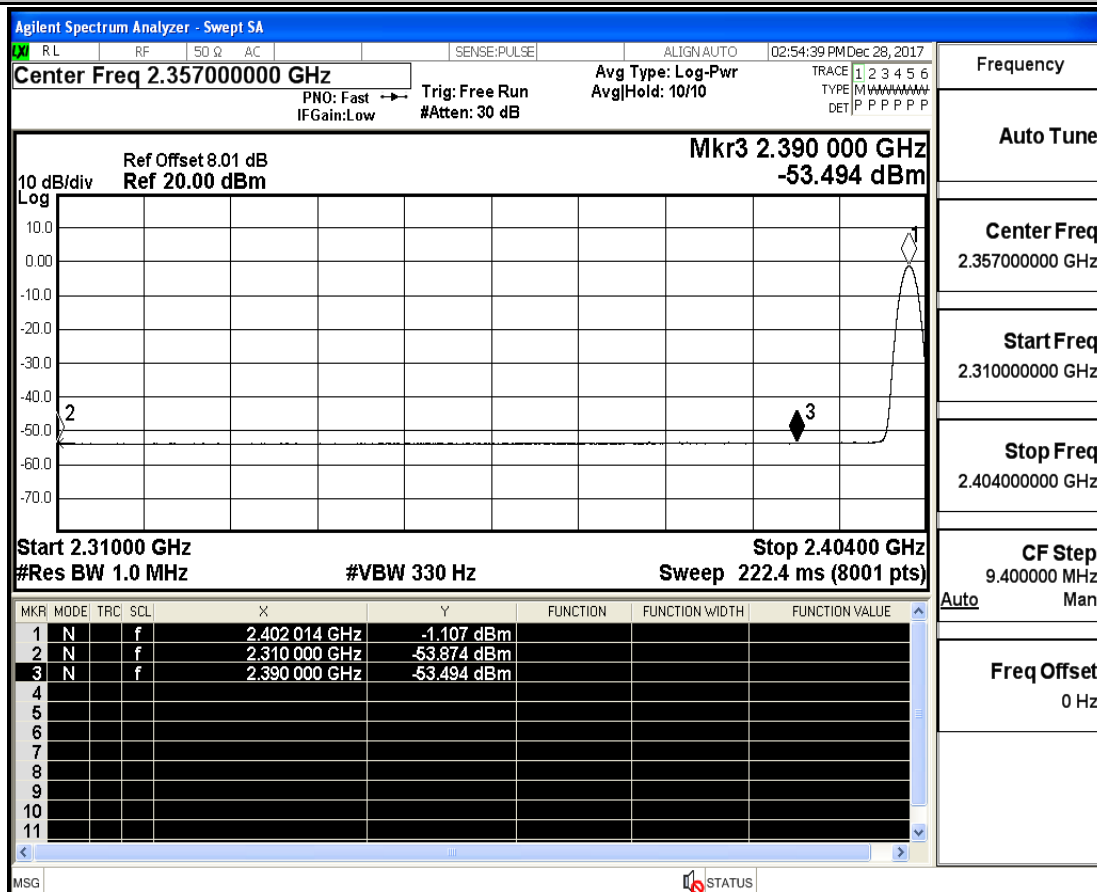
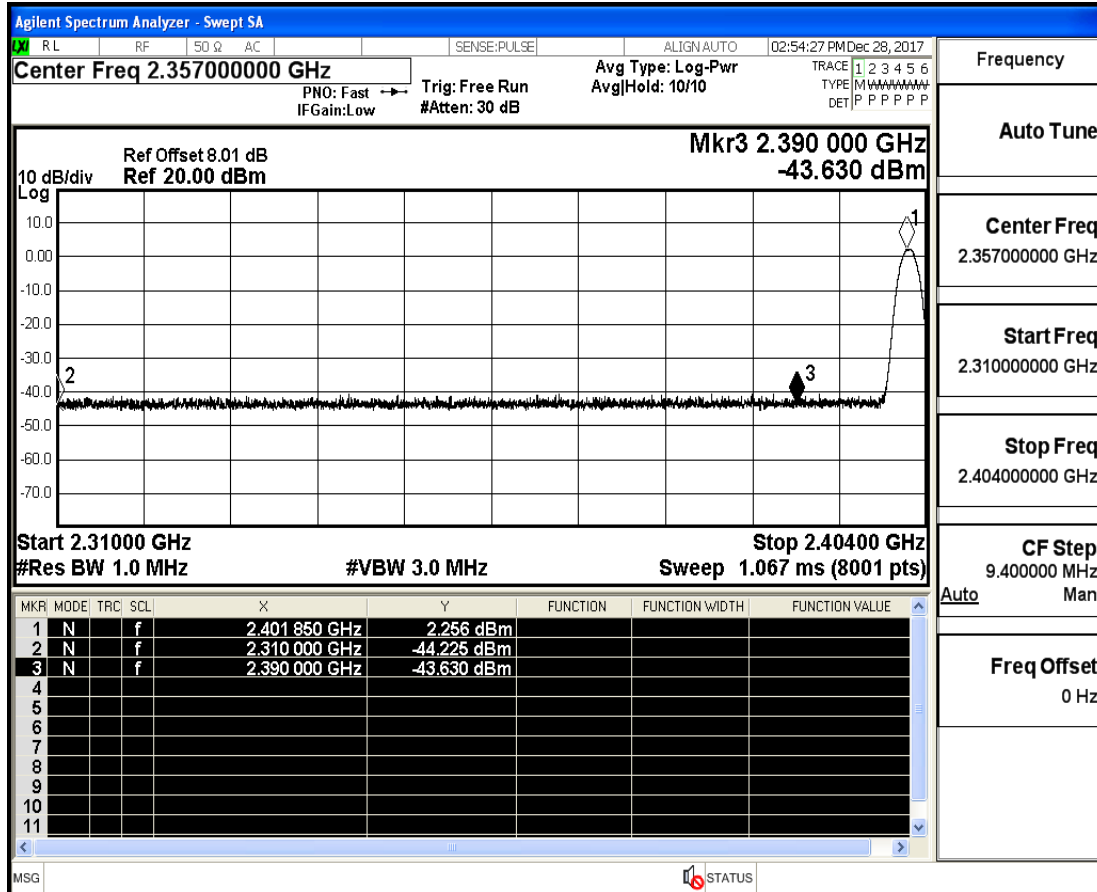
Restrict-band band-edge measurements_2402_PEAK



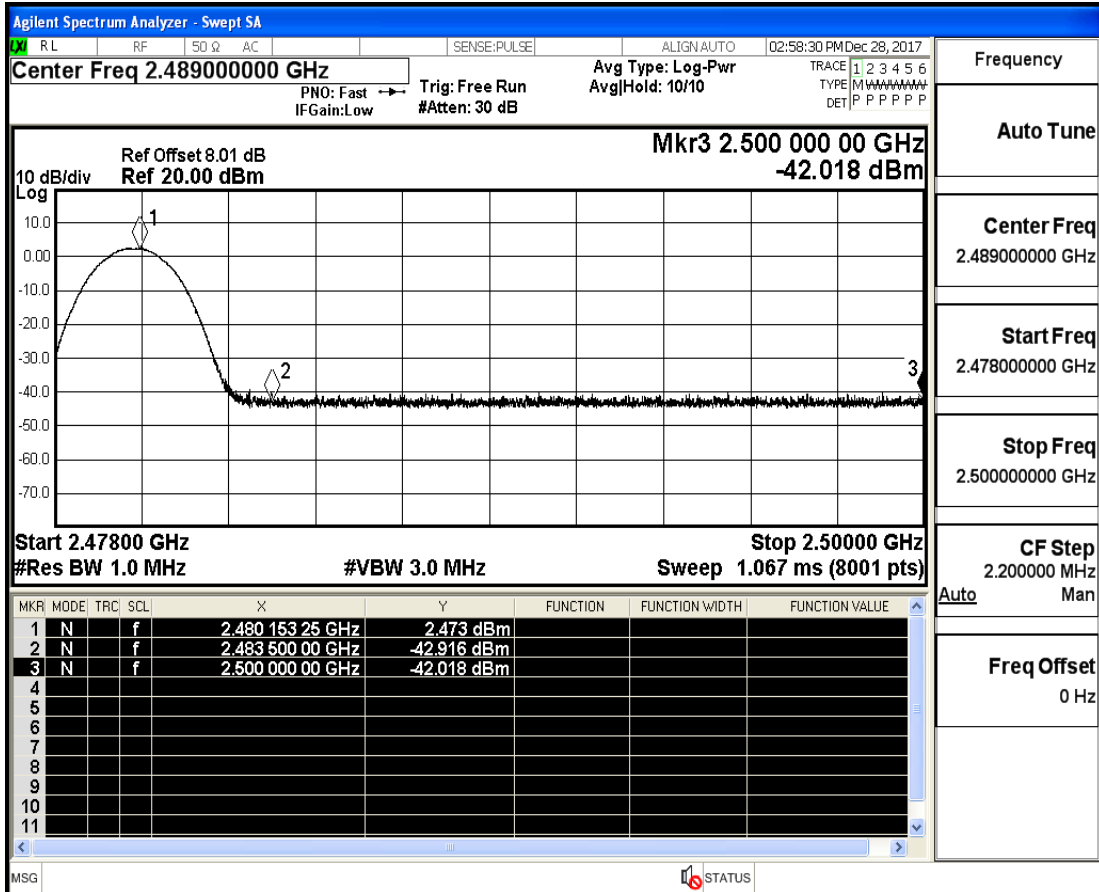
Restrict-band band-edge measurements_2402_AV







Restrict-band band-edge measurements_2480_PEAK



Restrict-band band-edge measurements_2480_AV

