Appendix A
RF Test Data for BT V3.0 (Conducted Measurement)

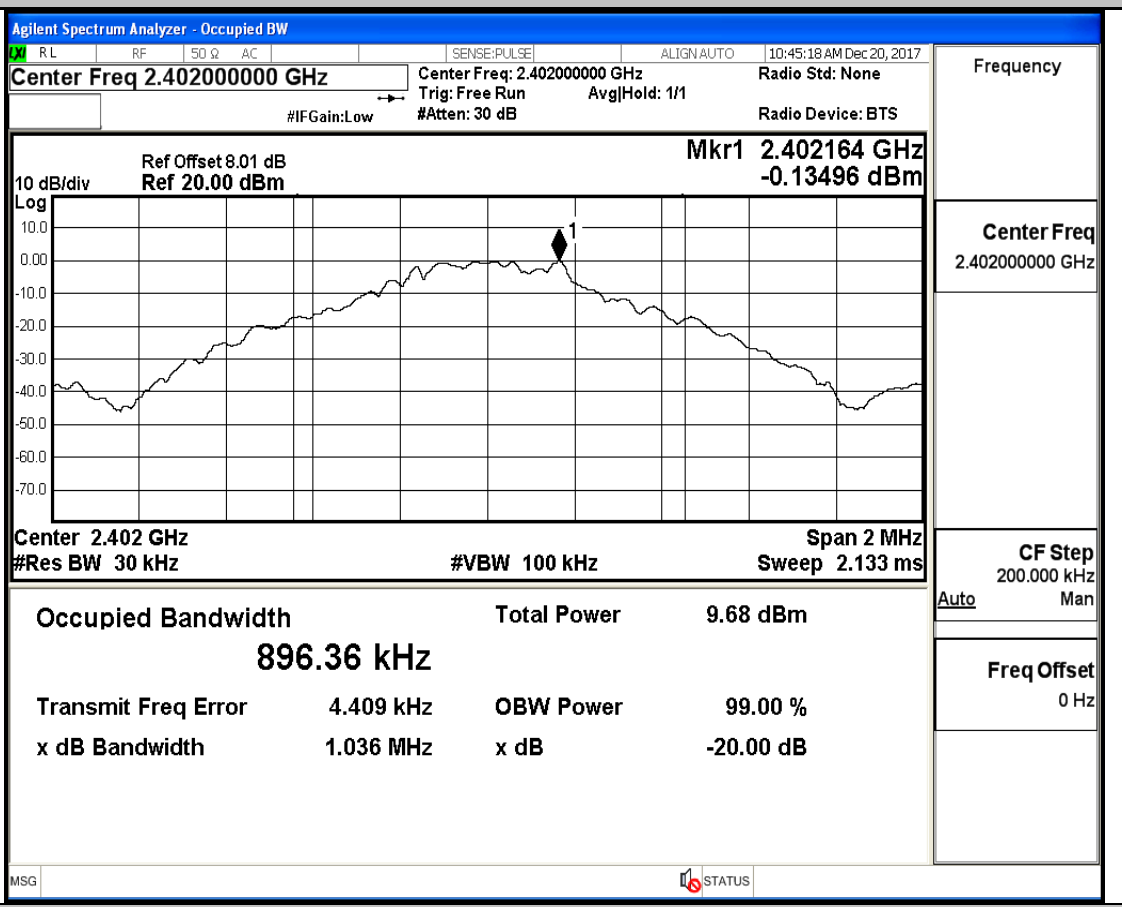
Product Name: Selfie Stick with Removable Fill Light
Trade Mark: ODOYO
Test Model: ZP100
FCC ID: 2AJVVZP100

Temperature	24.0℃	Humidity	53.2%
Test Engineer	Tom Liu	Configurations	BT

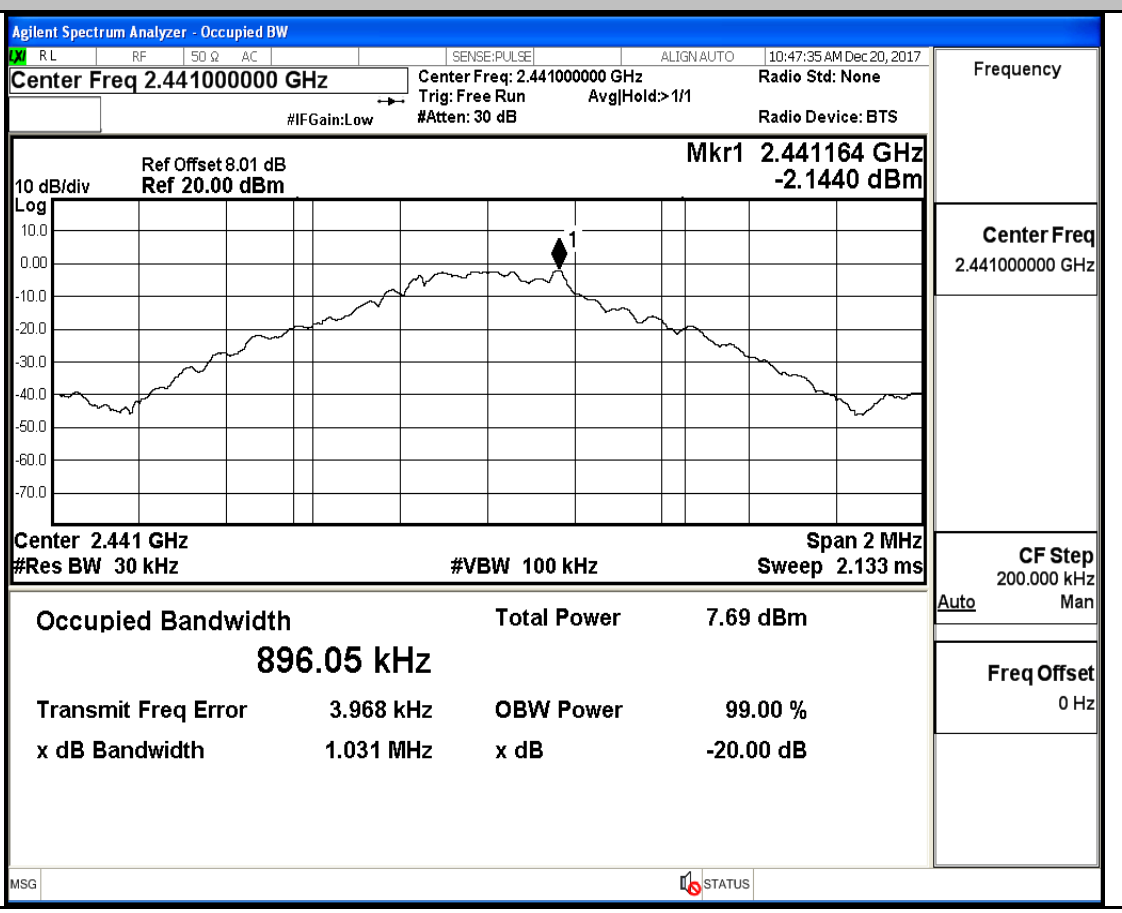
A.1.20 dB Bandwidth

Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
DH5	2402	1.036	---	PASS
DH5	2441	1.031	---	PASS
DH5	2480	1.037	---	PASS
2DH5	2402	1.289	---	PASS
2DH5	2441	1.318	---	PASS
2DH5	2480	1.314	---	PASS
3DH5	2402	1.309	---	PASS
3DH5	2441	1.299	---	PASS
3DH5	2480	1.299	---	PASS

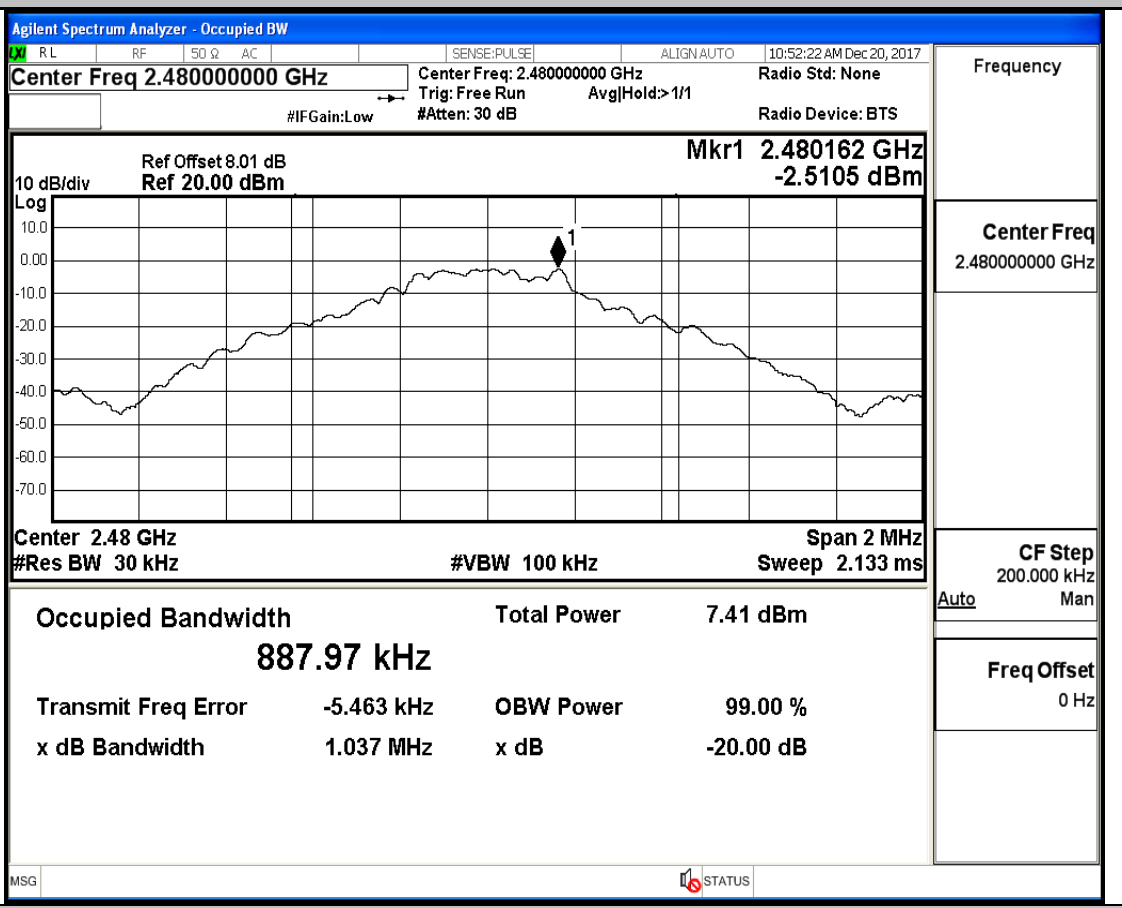
20 dB Bandwidth_DH5_2402



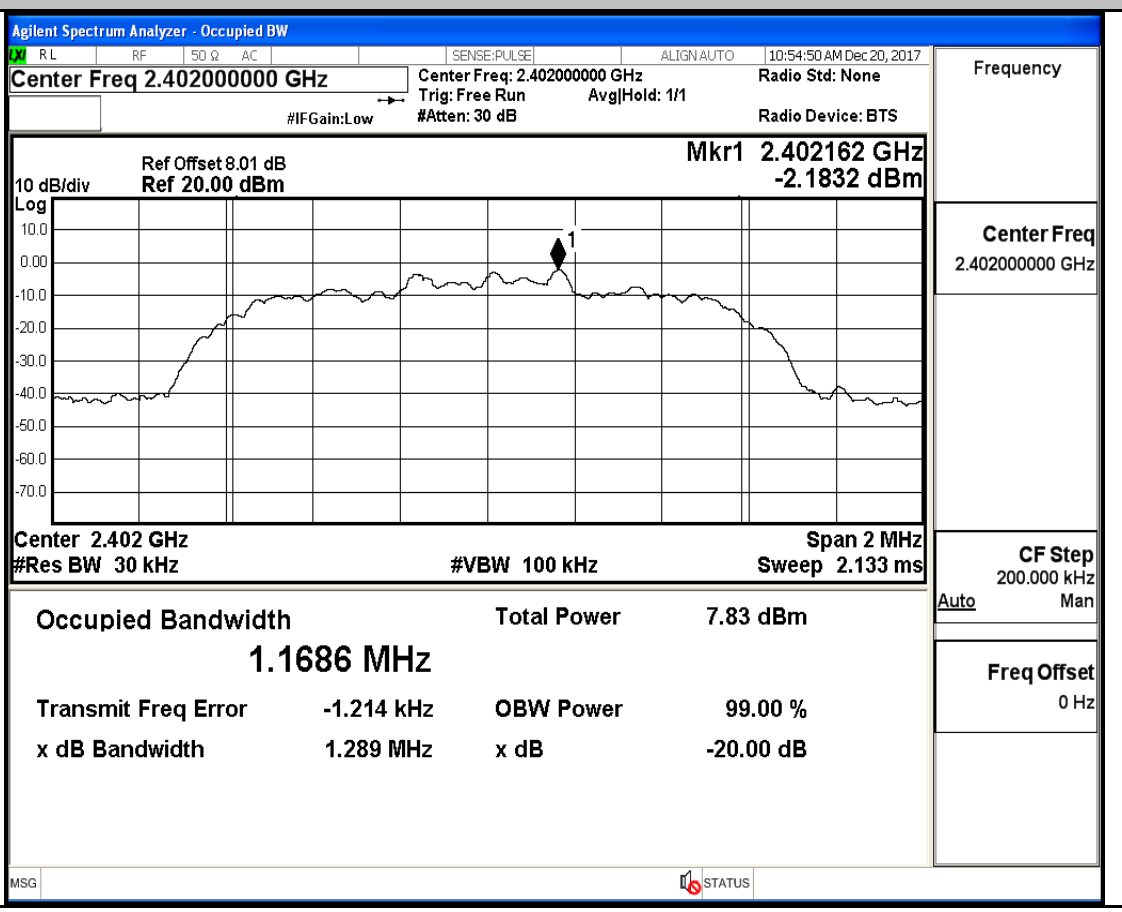
20 dB Bandwidth_DH5_2441



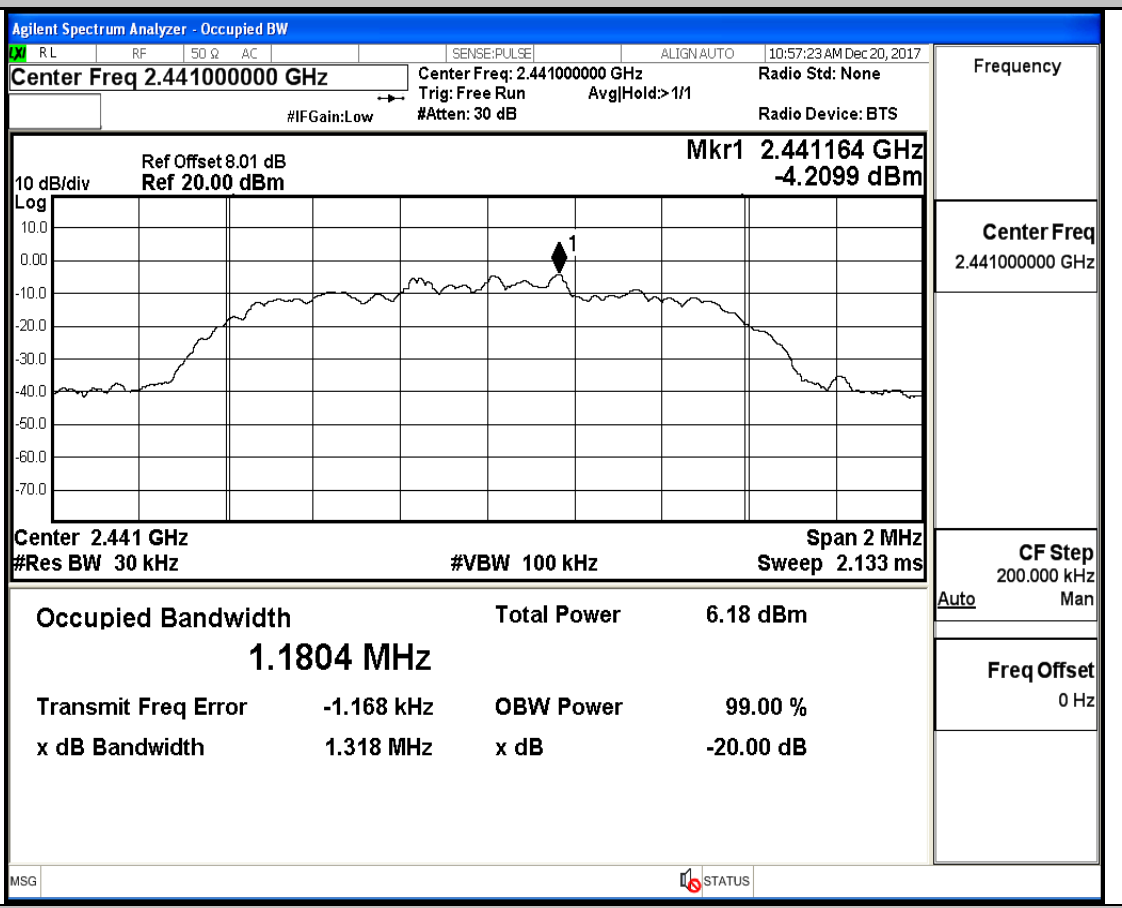
20 dB Bandwidth_DH5_2480



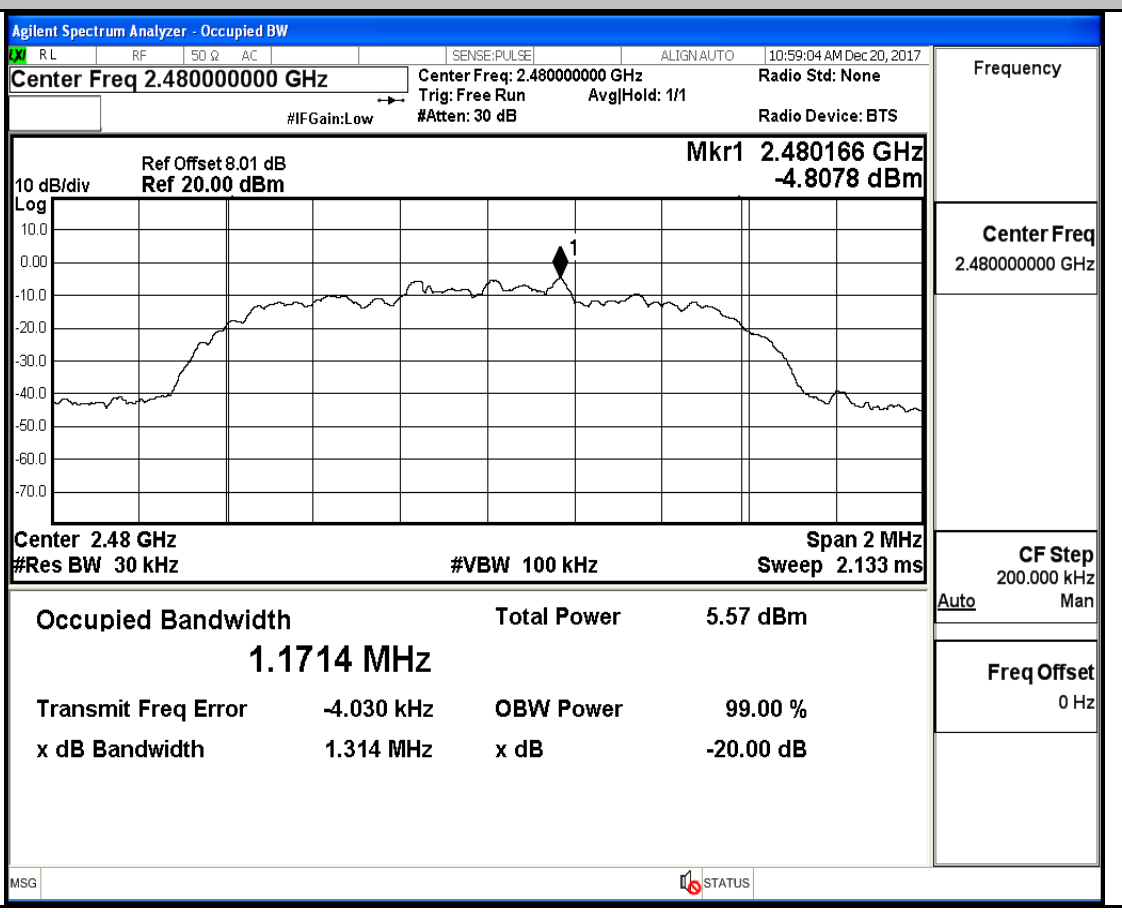
20 dB Bandwidth_2DH5_2402



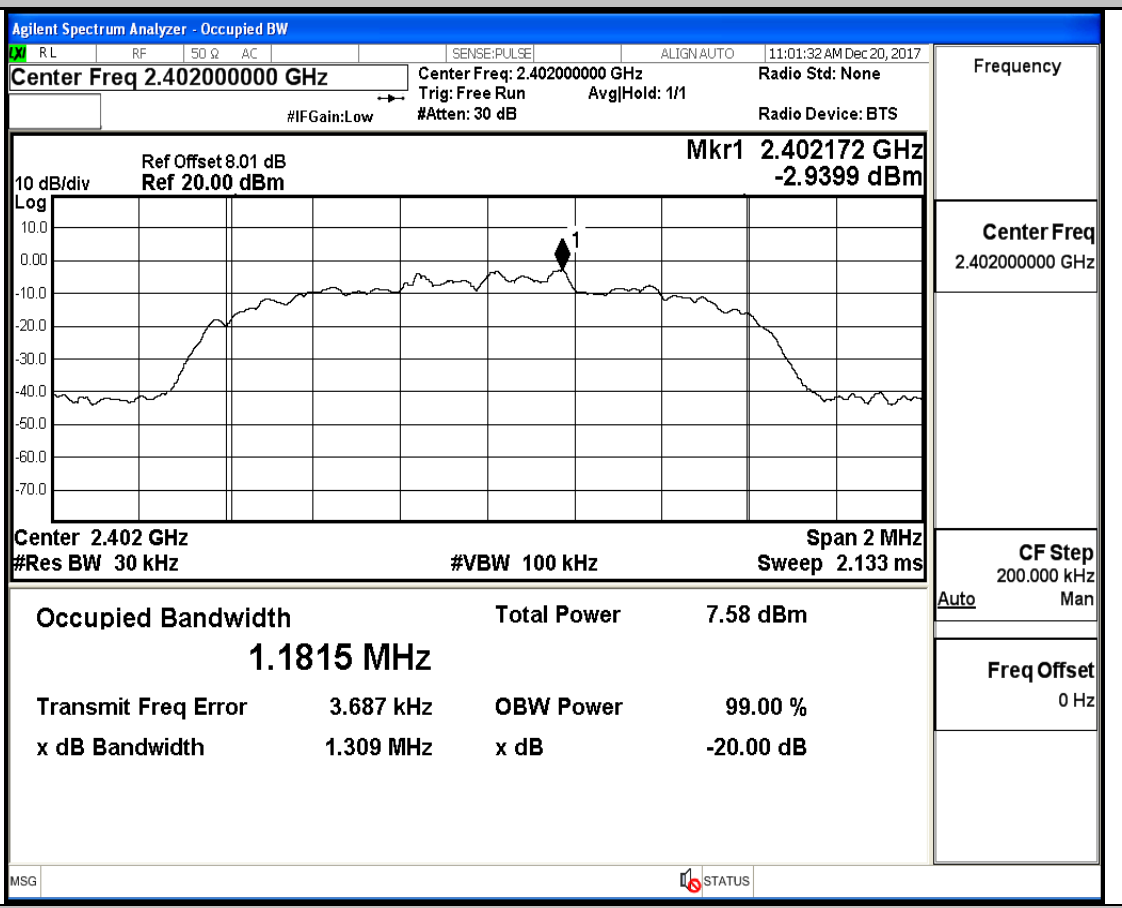
20 dB Bandwidth_2DH5_2441



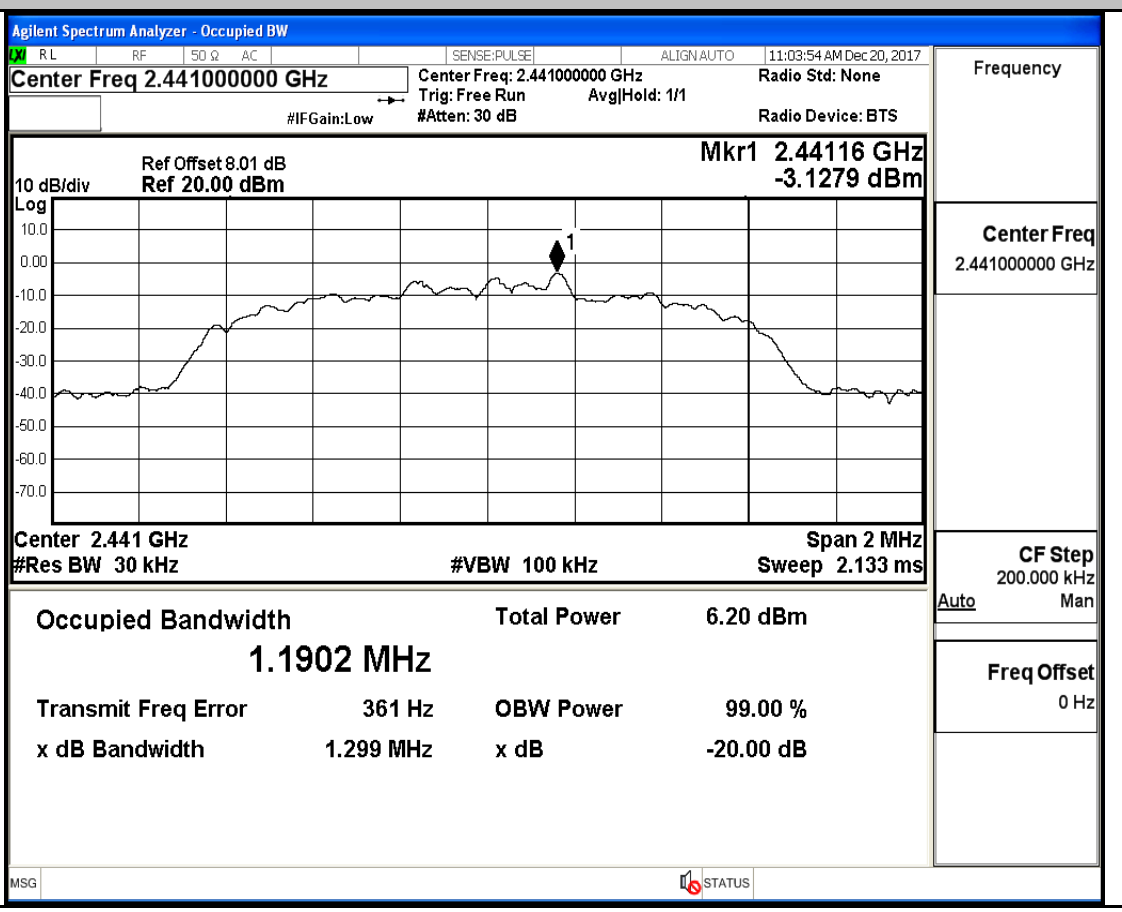
20 dB Bandwidth_2DH5_2480



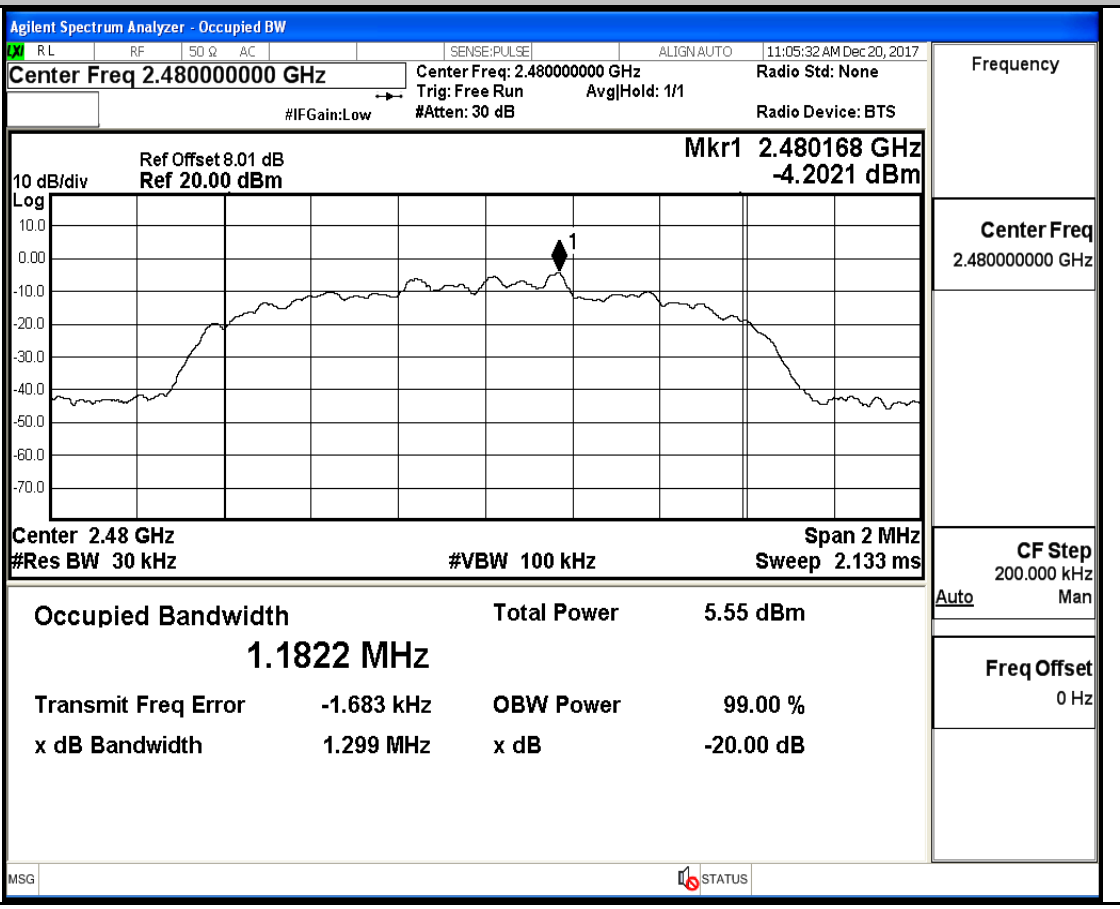
20 dB Bandwidth_3DH5_2402



20 dB Bandwidth_3DH5_2441



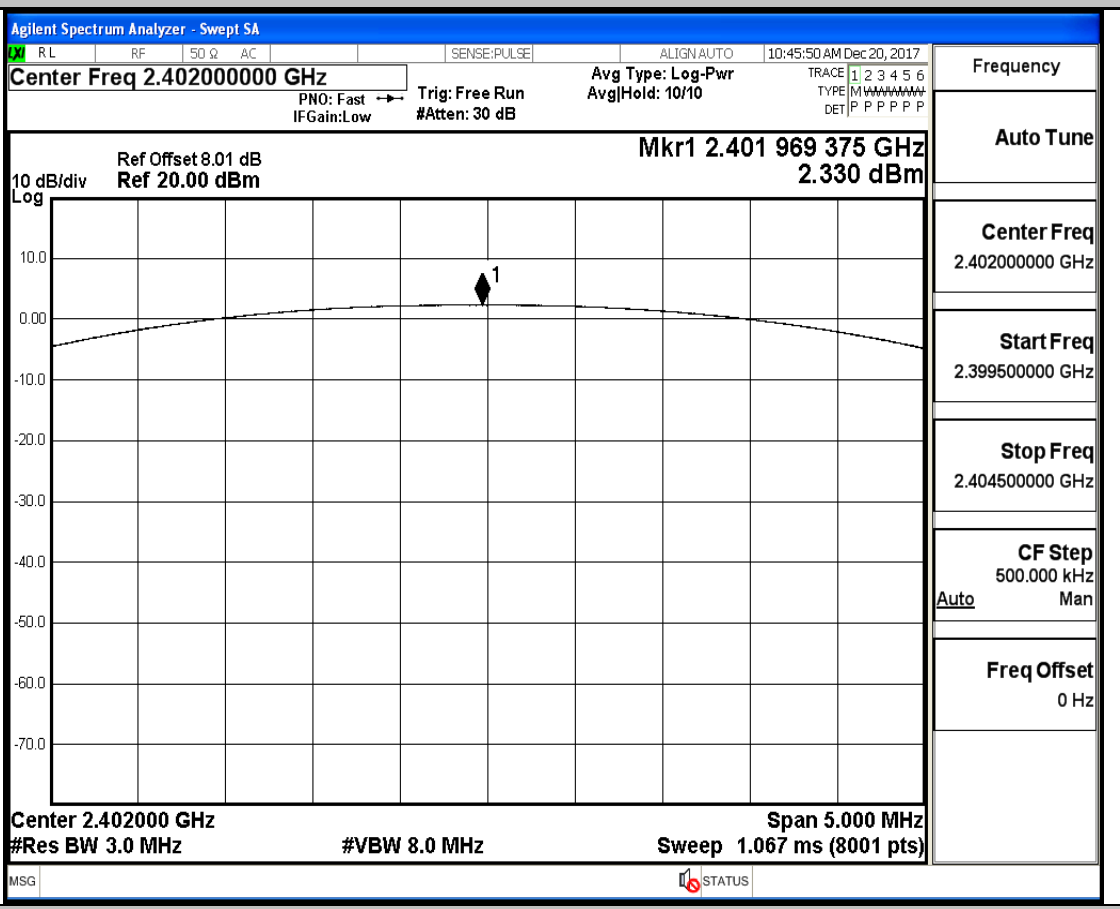
20 dB Bandwidth_3DH5_2480



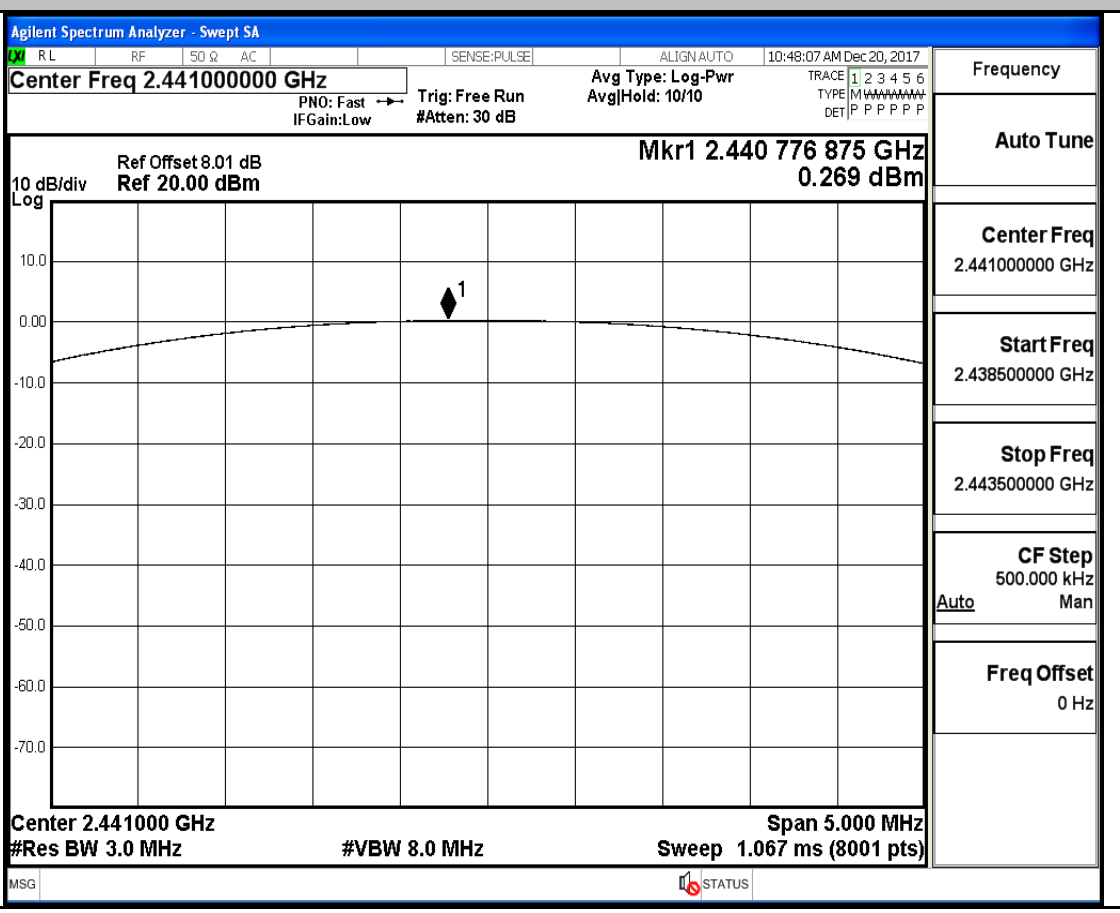
A.2.Conducted Peak Power

Test Mode	Test Channel	Peak Conducted Output Power (dBm)	Average Conducted Output Power (dBm)	Limit[dBm]	Verdict
DH5	2402	2.330	2.126	30	PASS
DH5	2441	0.269	0.161	30	PASS
DH5	2480	0.113	0.096	30	PASS
2DH5	2402	1.590	1.502	30	PASS
2DH5	2441	-0.317	-0.403	30	PASS
2DH5	2480	-0.641	-0.710	30	PASS
3DH5	2402	1.706	1.620	30	PASS
3DH5	2441	-0.155	-0.214	30	PASS
3DH5	2480	-0.548	-0.572	30	PASS

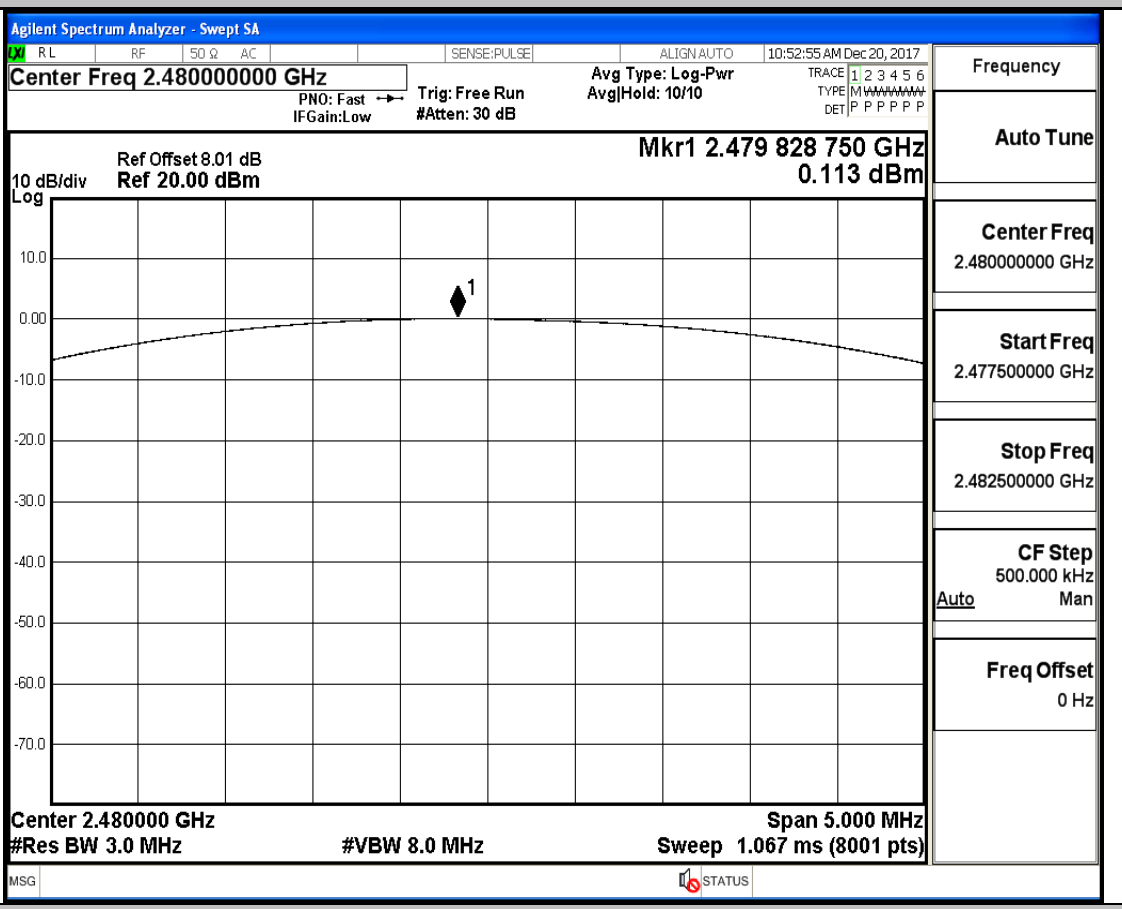
Conducted Peak Output Power_DH5_2402



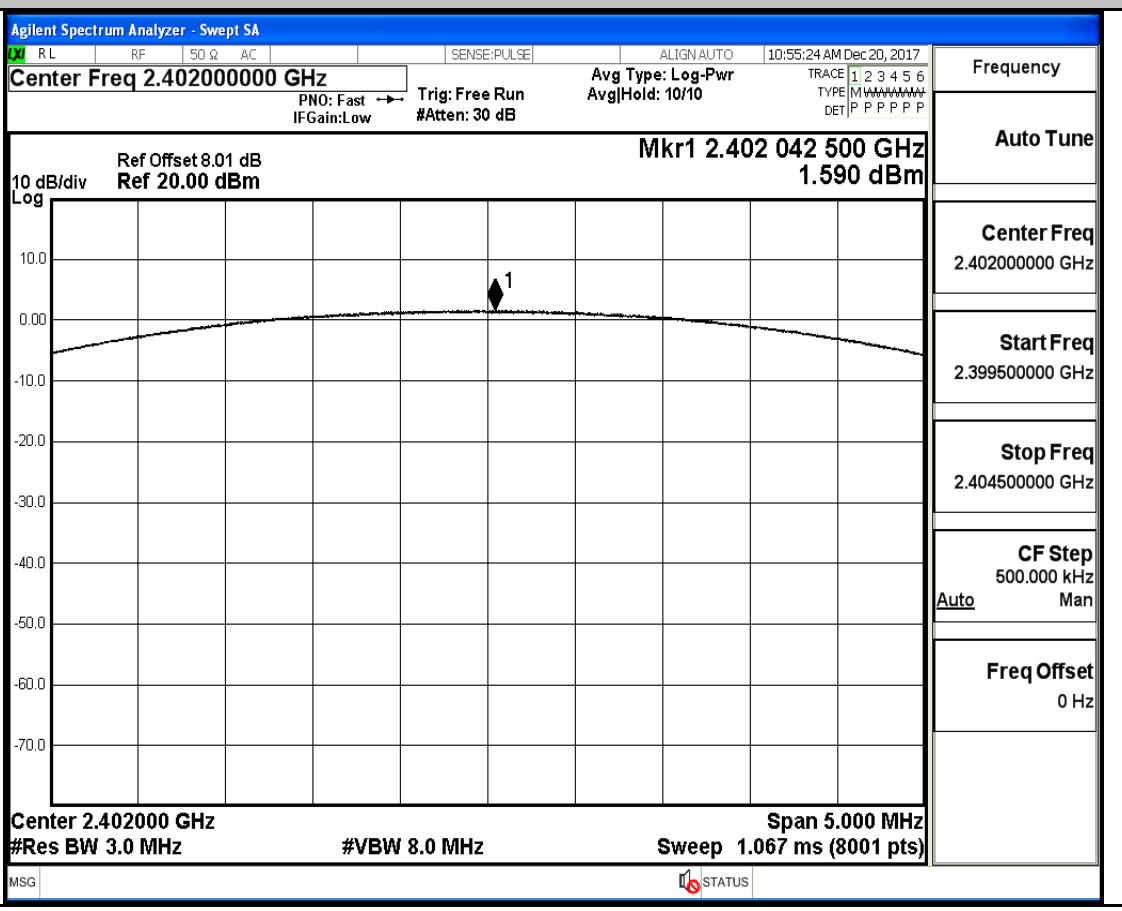
Conducted Peak Output Power_DH5_2441



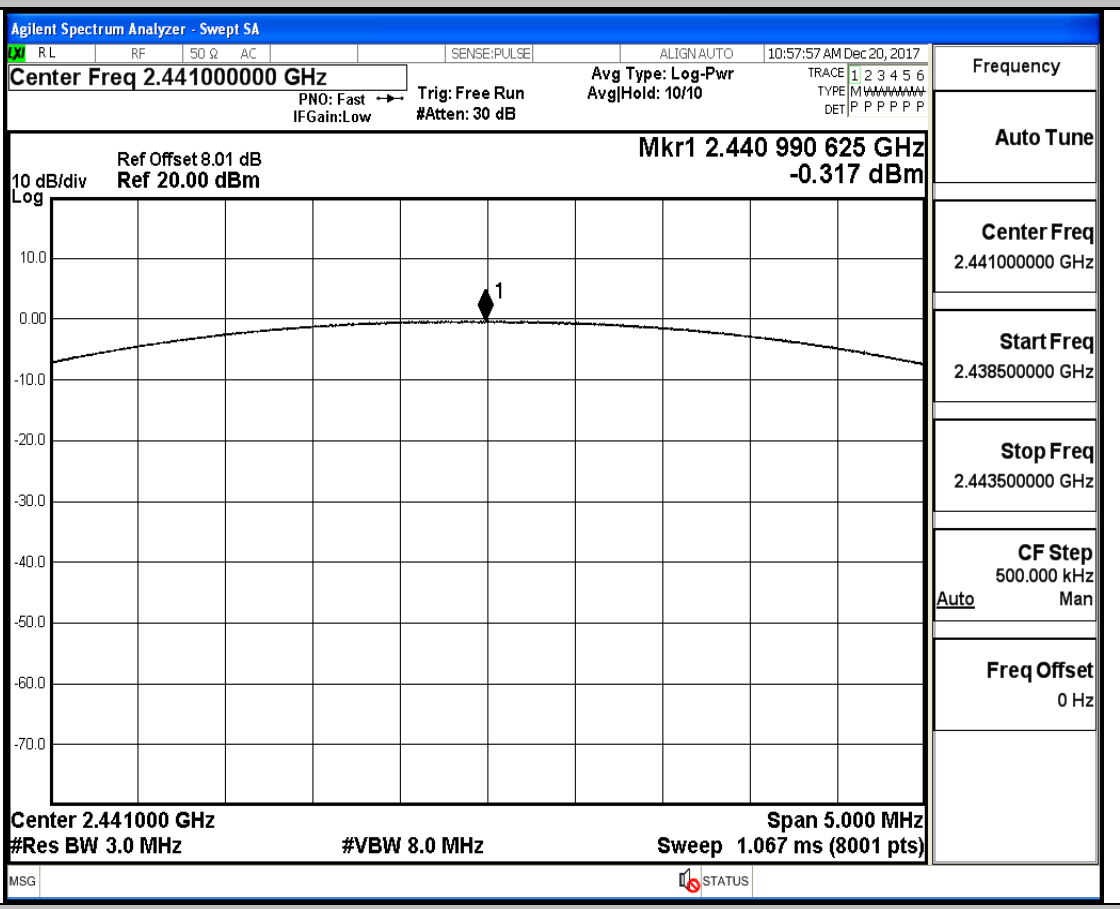
Conducted Peak Output Power_DH5_2480



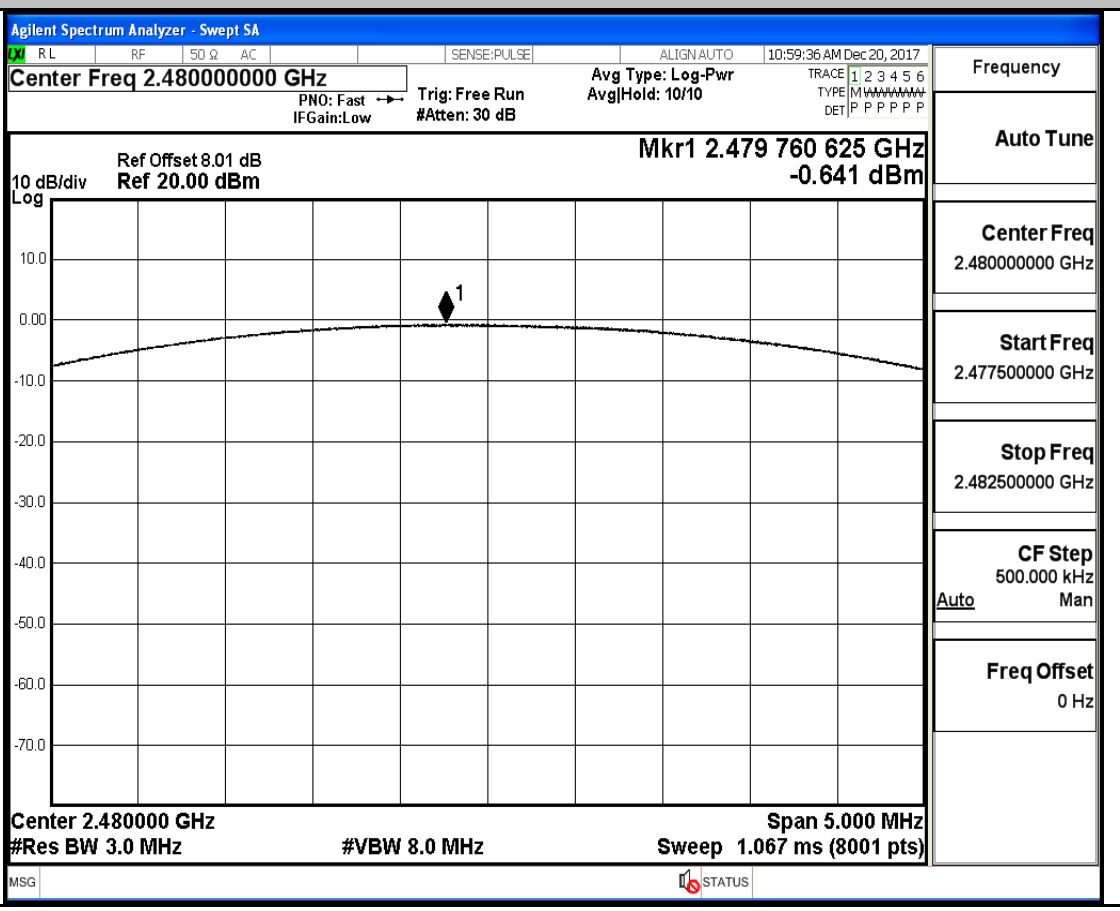
Conducted Peak Output Power_2DH5_2402



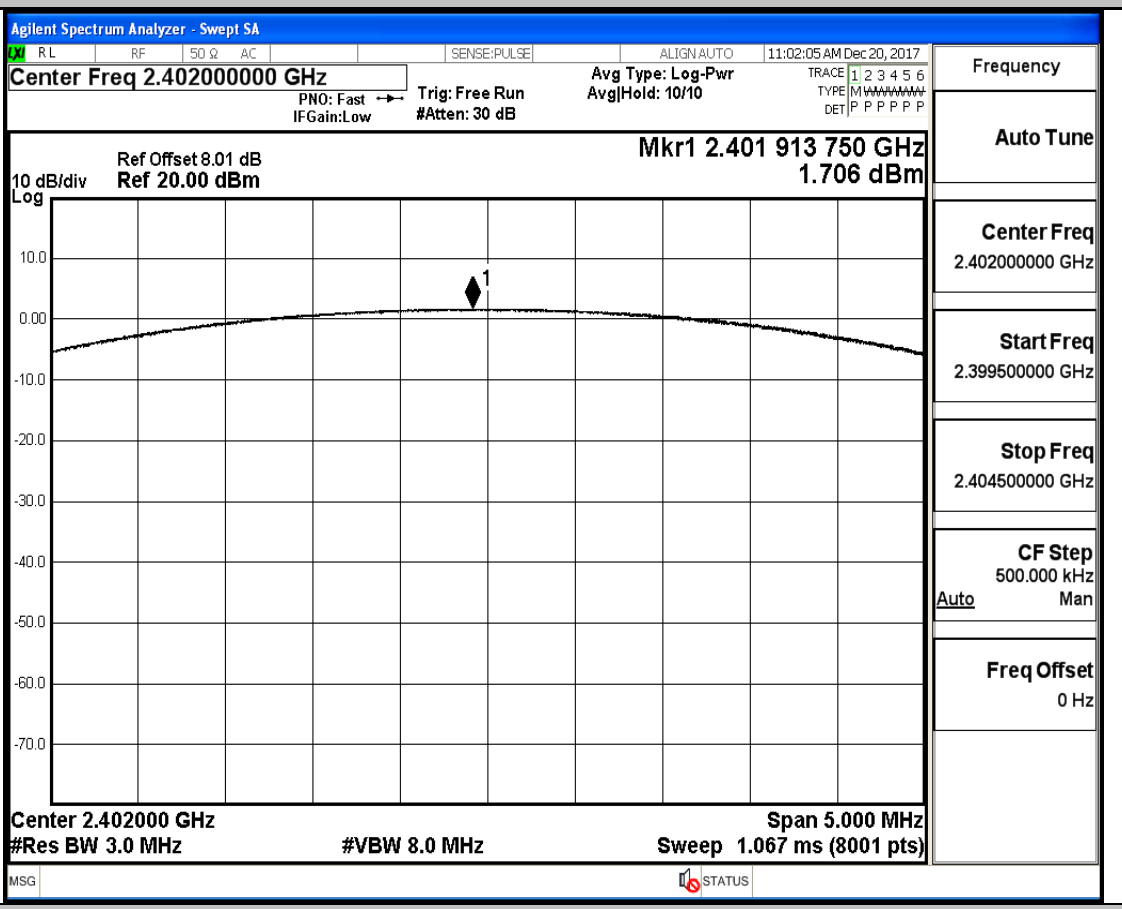
Conducted Peak Output Power_2DH5_2441



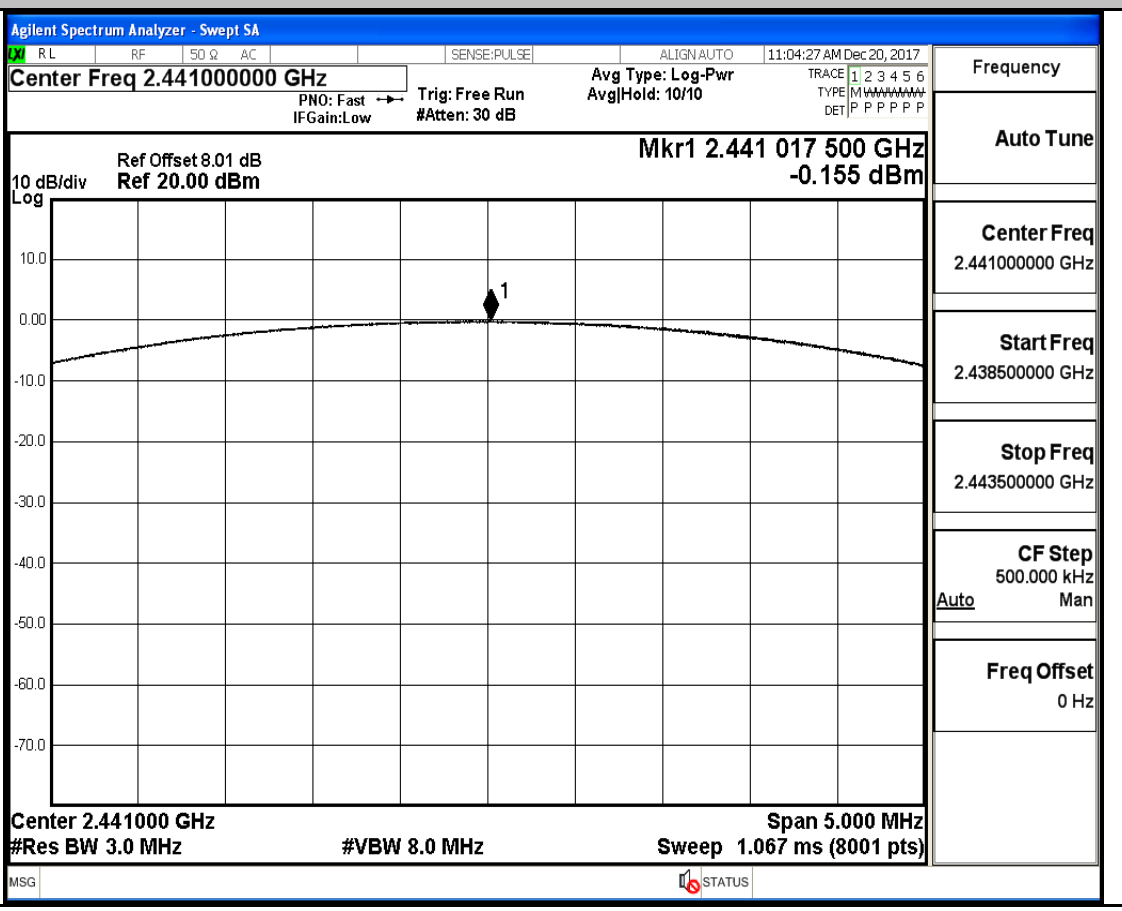
Conducted Peak Output Power_2DH5_2480



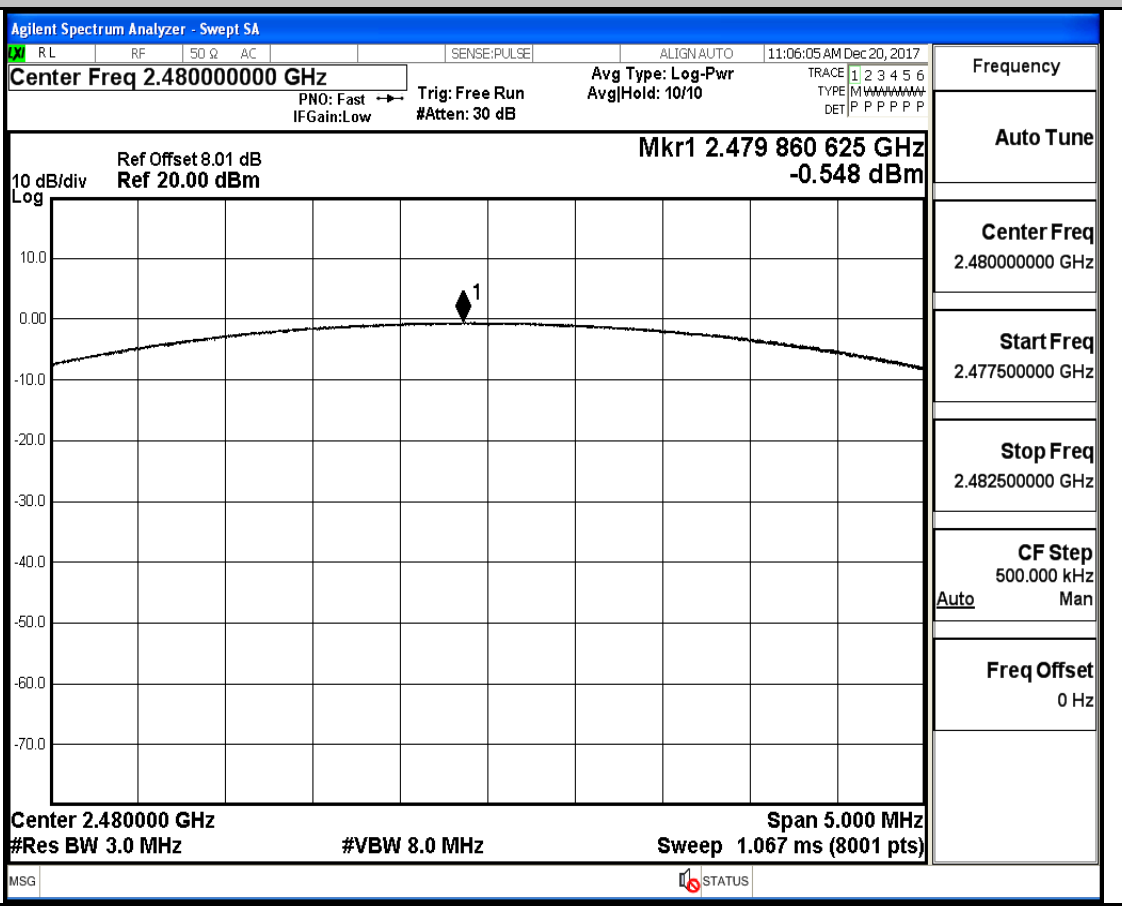
Conducted Peak Output Power_3DH5_2402



Conducted Peak Output Power_3DH5_2441



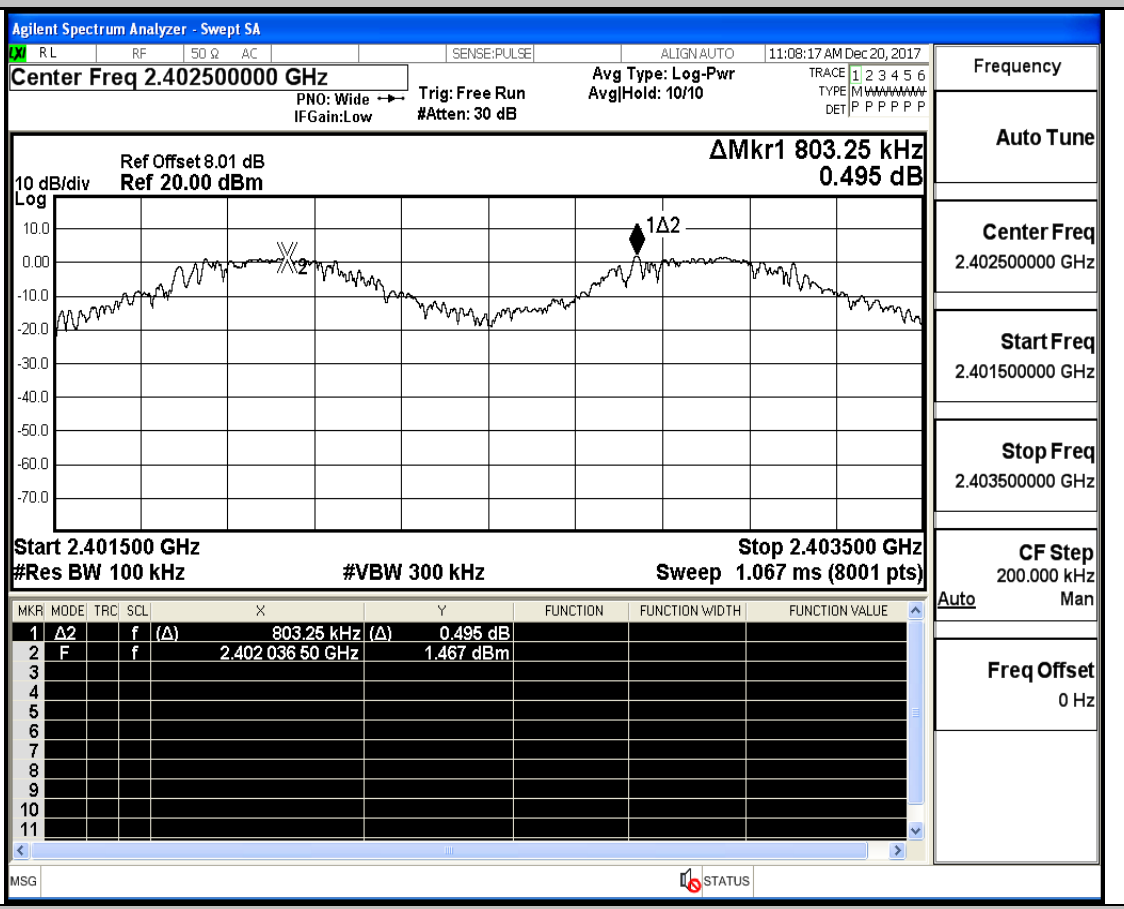
Conducted Peak Output Power_3DH5_2480



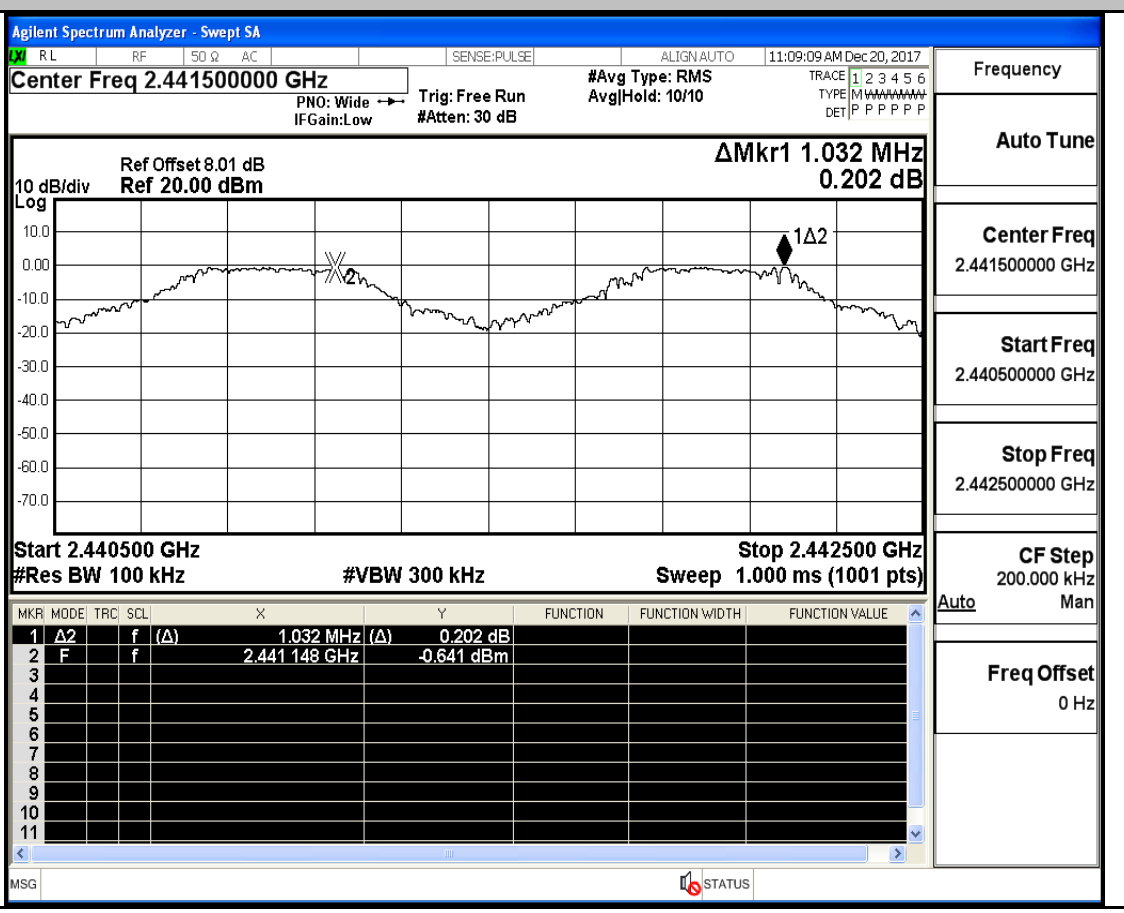
A.3.Carrier Frequency Separation

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	2402	0.803	0.69	PASS
DH5	2441	1.032	0.69	PASS
DH5	2480	0.954	0.69	PASS
2DH5	2402	1.212	0.86	PASS
2DH5	2441	0.892	0.88	PASS
2DH5	2480	1.012	0.88	PASS
3DH5	2402	0.994	0.87	PASS
3DH5	2441	0.992	0.87	PASS
3DH5	2480	1.150	0.87	PASS

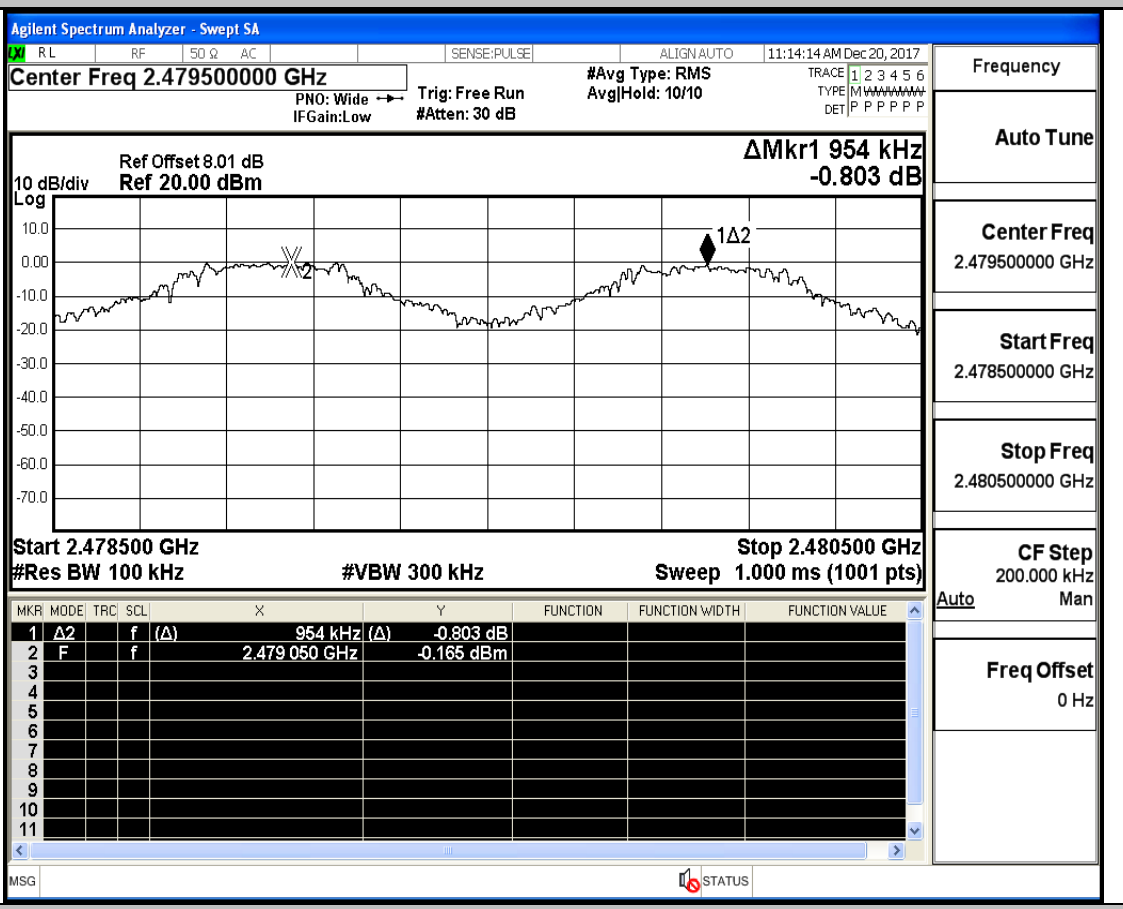
Carrier Frequency Separation_DH5_2402



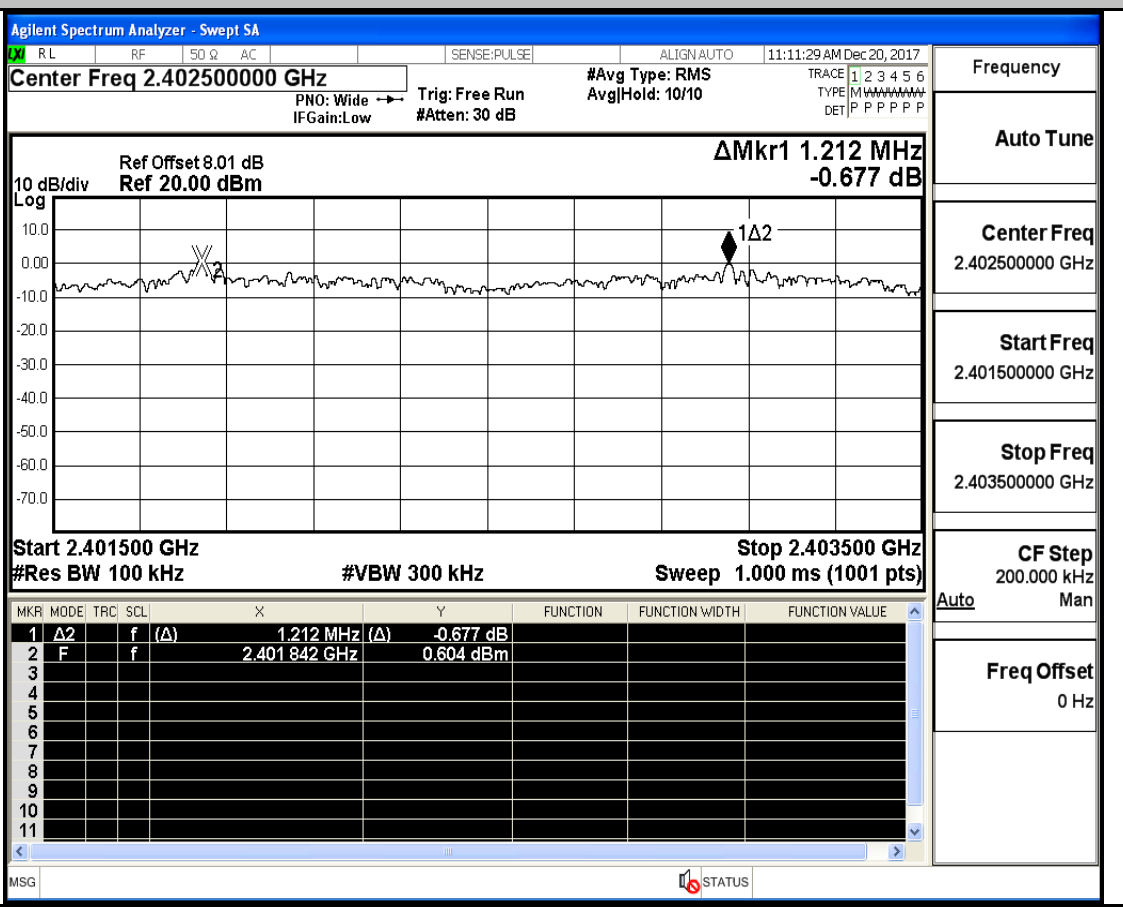
Carrier Frequency Separation_DH5_2441



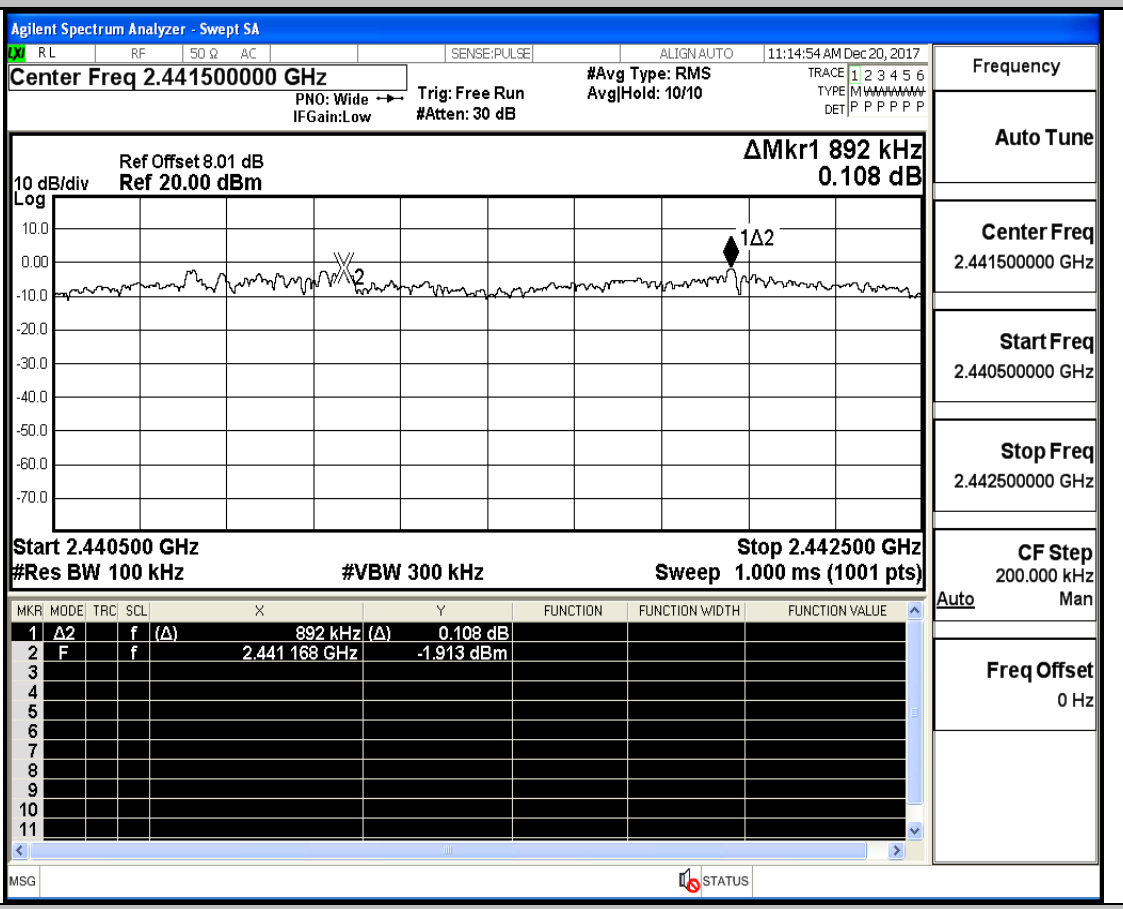
Carrier Frequency Separation_DH5_2480



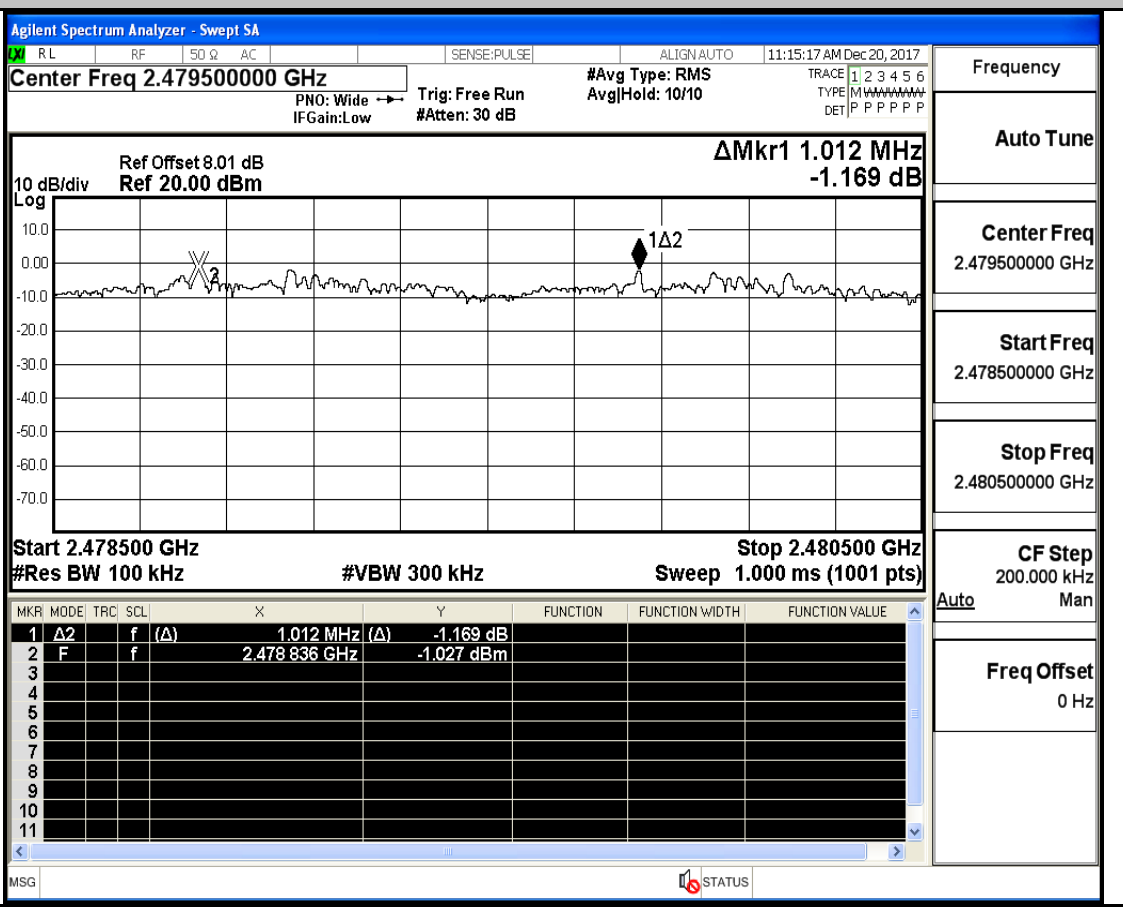
Carrier Frequency Separation_2DH5_2402



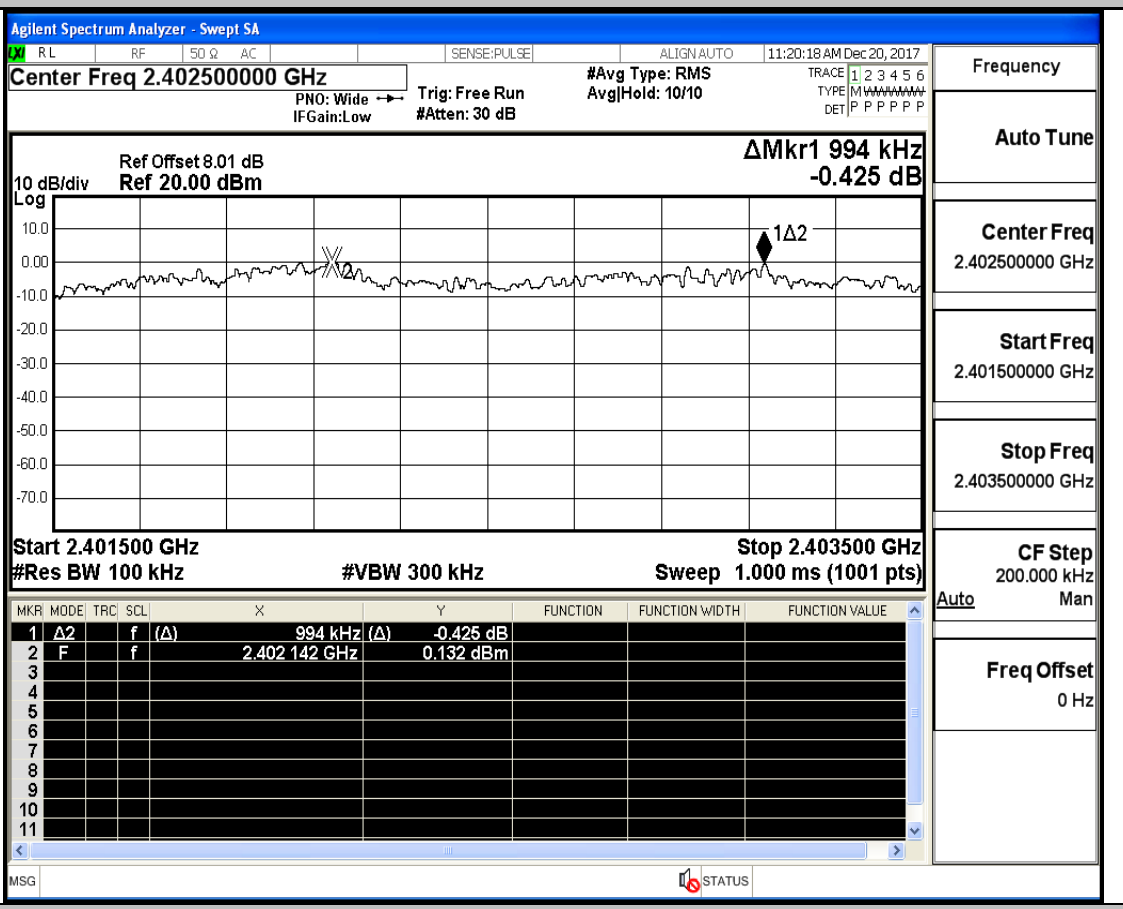
Carrier Frequency Separation_2DH5_2441



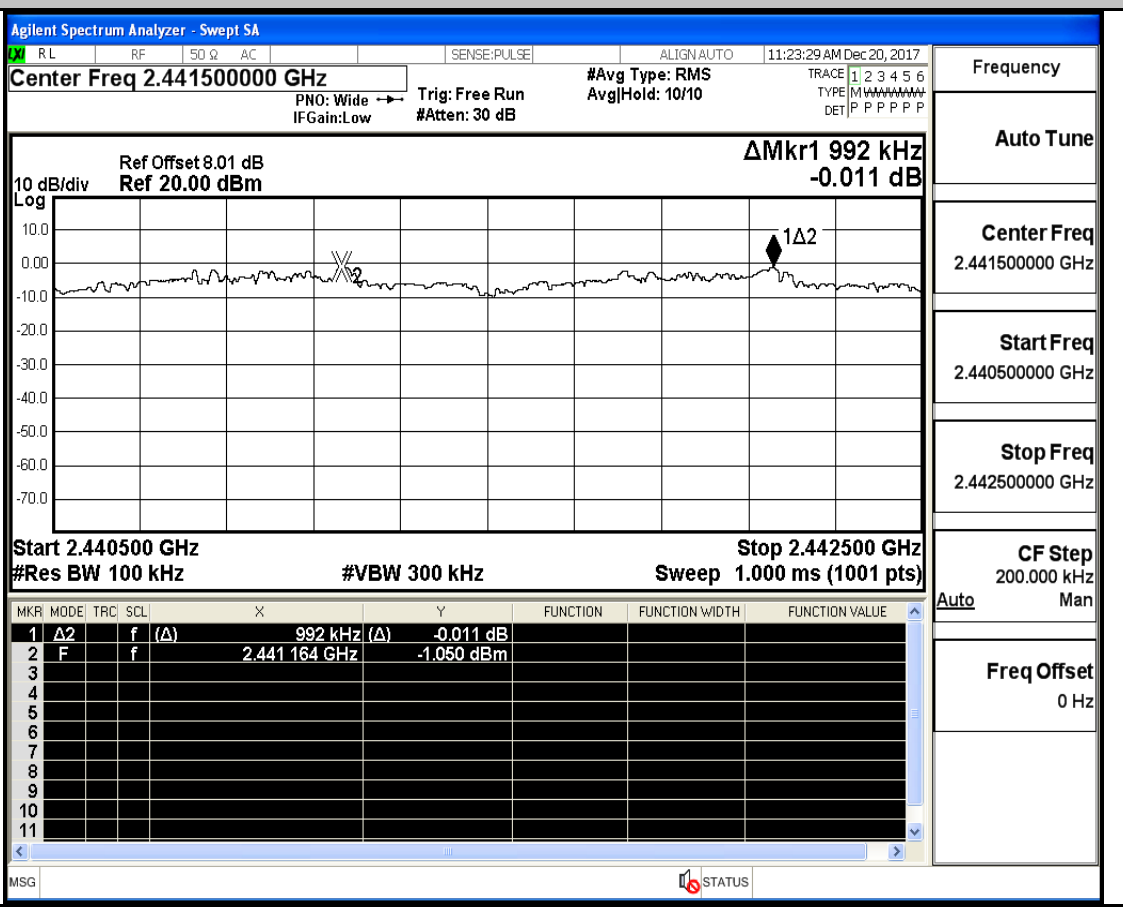
Carrier Frequency Separation_2DH5_2480



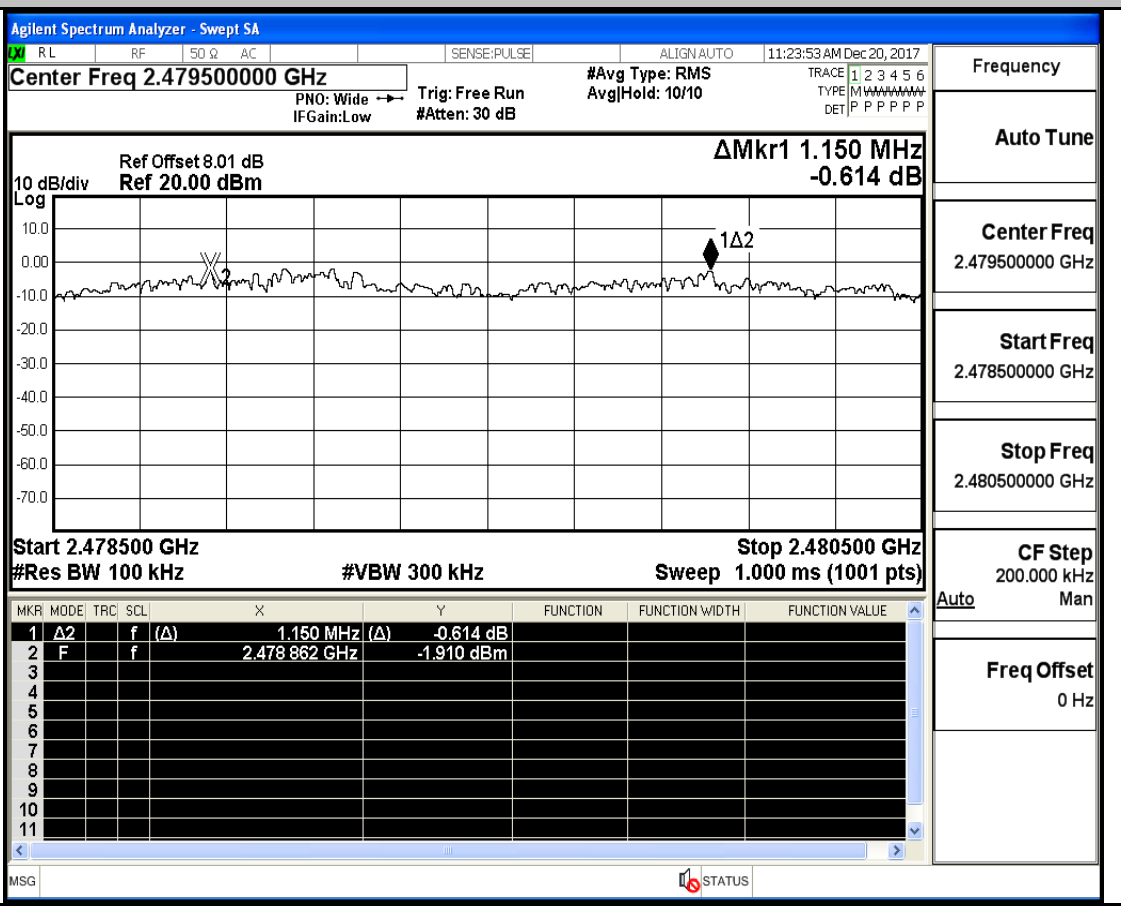
Carrier Frequency Separation_3DH5_2402



Carrier Frequency Separation_3DH5_2441



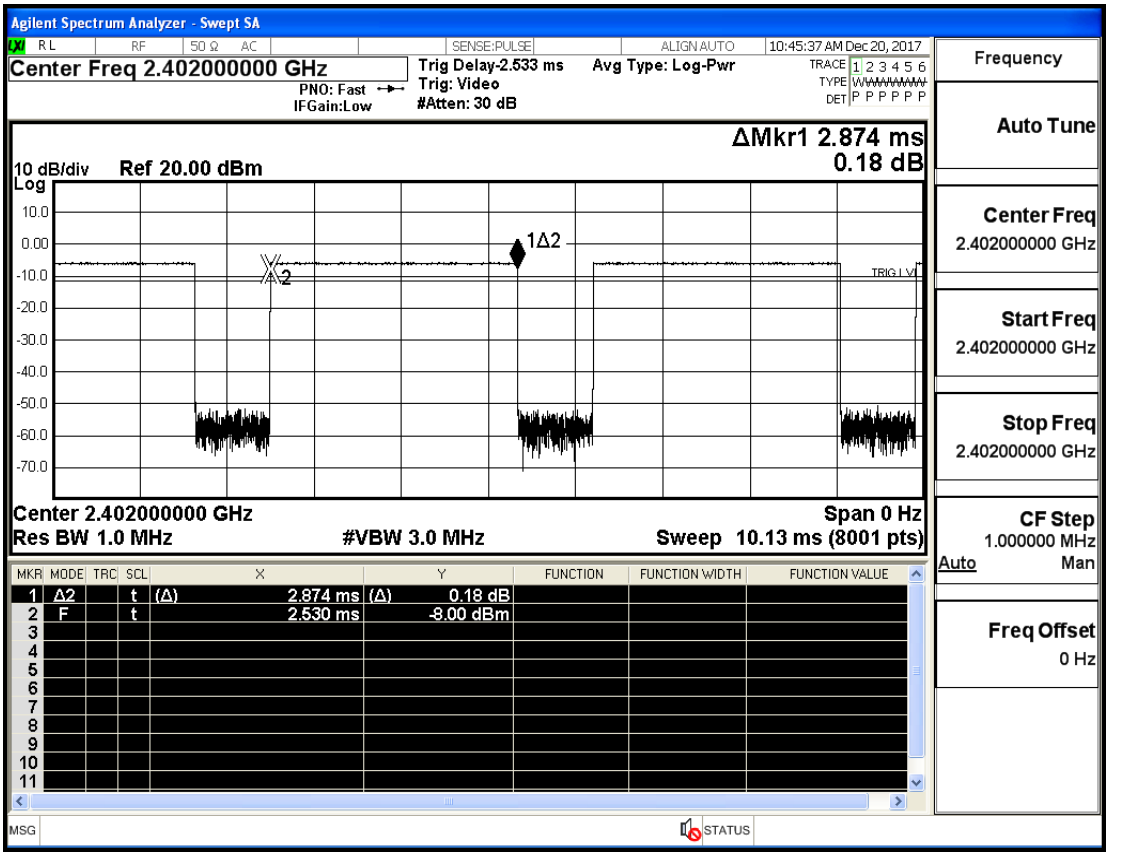
Carrier Frequency Separation_3DH5_2480



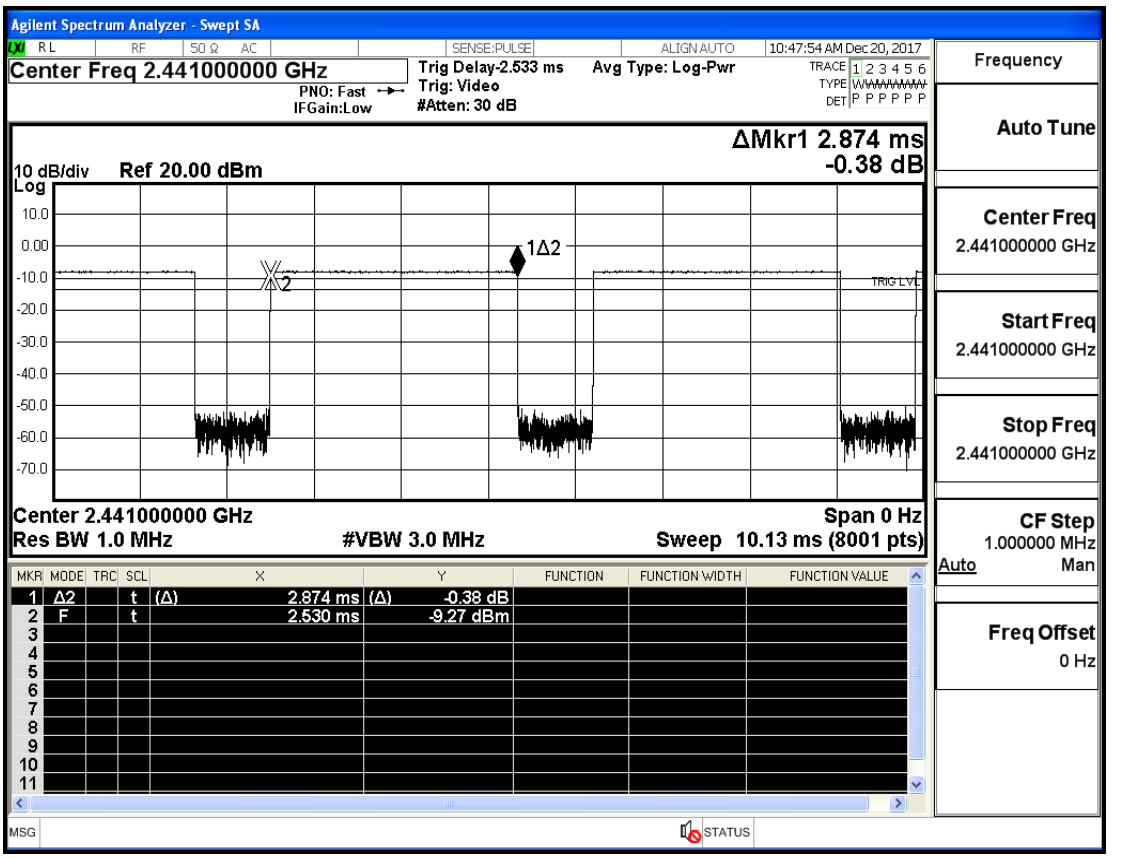
A.4.Dwell Time

Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
DH5	2402	2.87	106.7	0.306	0.4	PASS
DH5	2441	2.87	106.7	0.306	0.4	PASS
DH5	2480	2.87	106.7	0.306	0.4	PASS
2DH5	2402	2.88	106.7	0.307	0.4	PASS
2DH5	2441	2.88	106.7	0.307	0.4	PASS
2DH5	2480	2.88	106.7	0.307	0.4	PASS
3DH5	2402	2.88	106.7	0.307	0.4	PASS
3DH5	2441	2.88	106.7	0.307	0.4	PASS
3DH5	2480	2.88	106.7	0.307	0.4	PASS

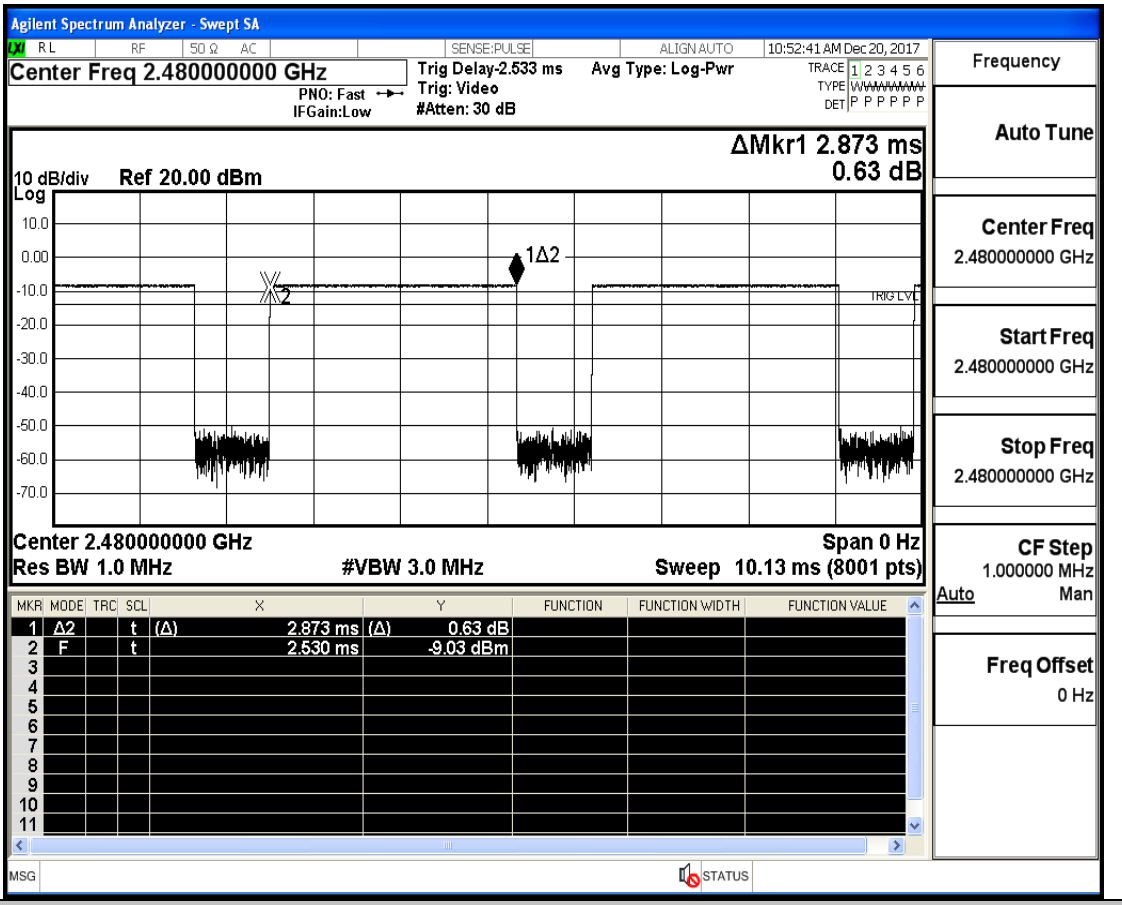
Dwell Time_DH5_2402



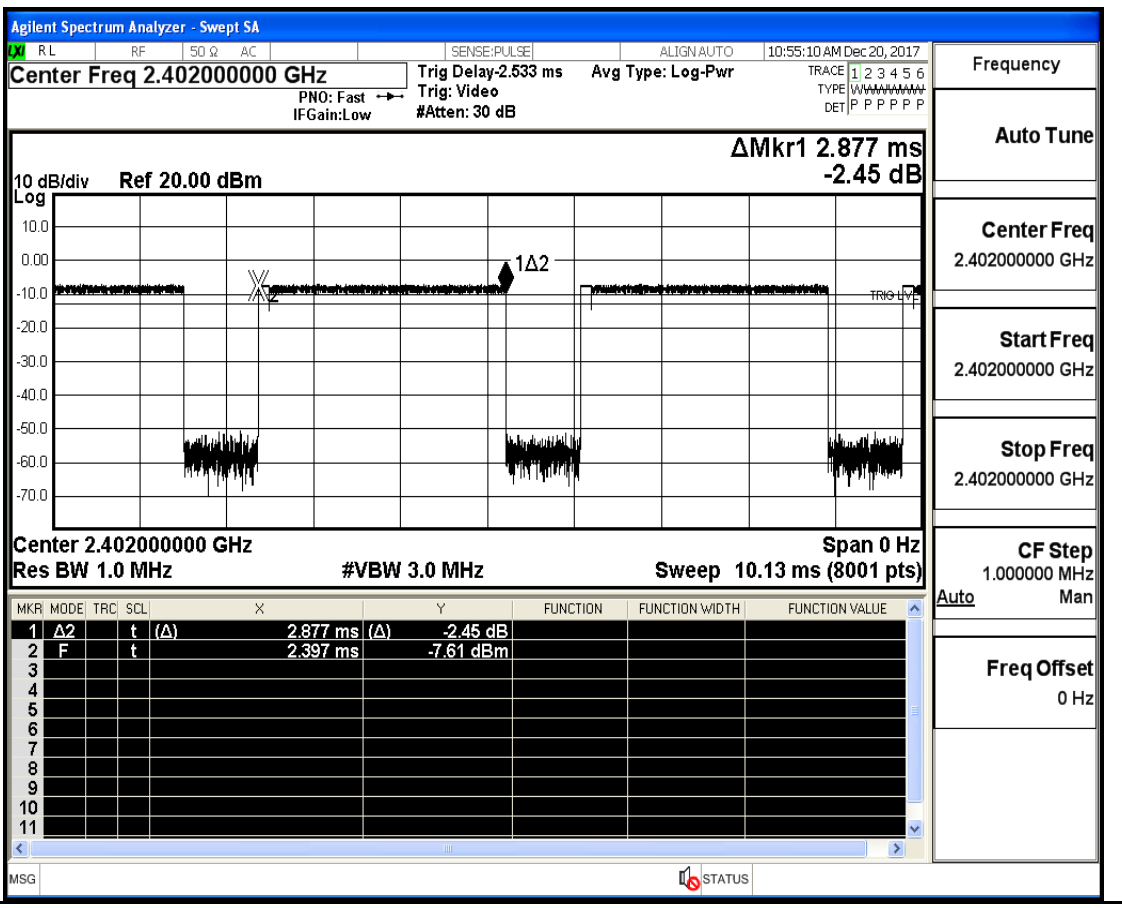
Dwell Time_DH5_2441



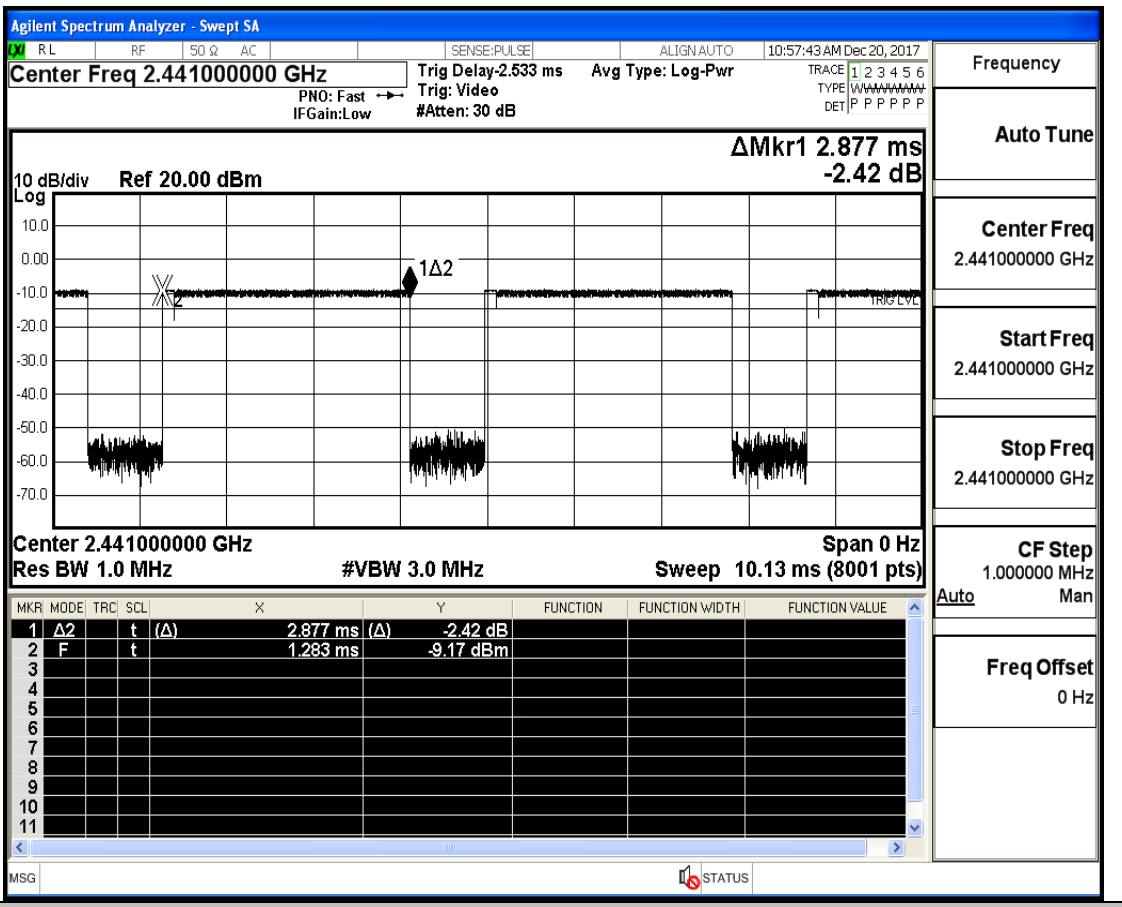
Dwell Time_DH5_2480



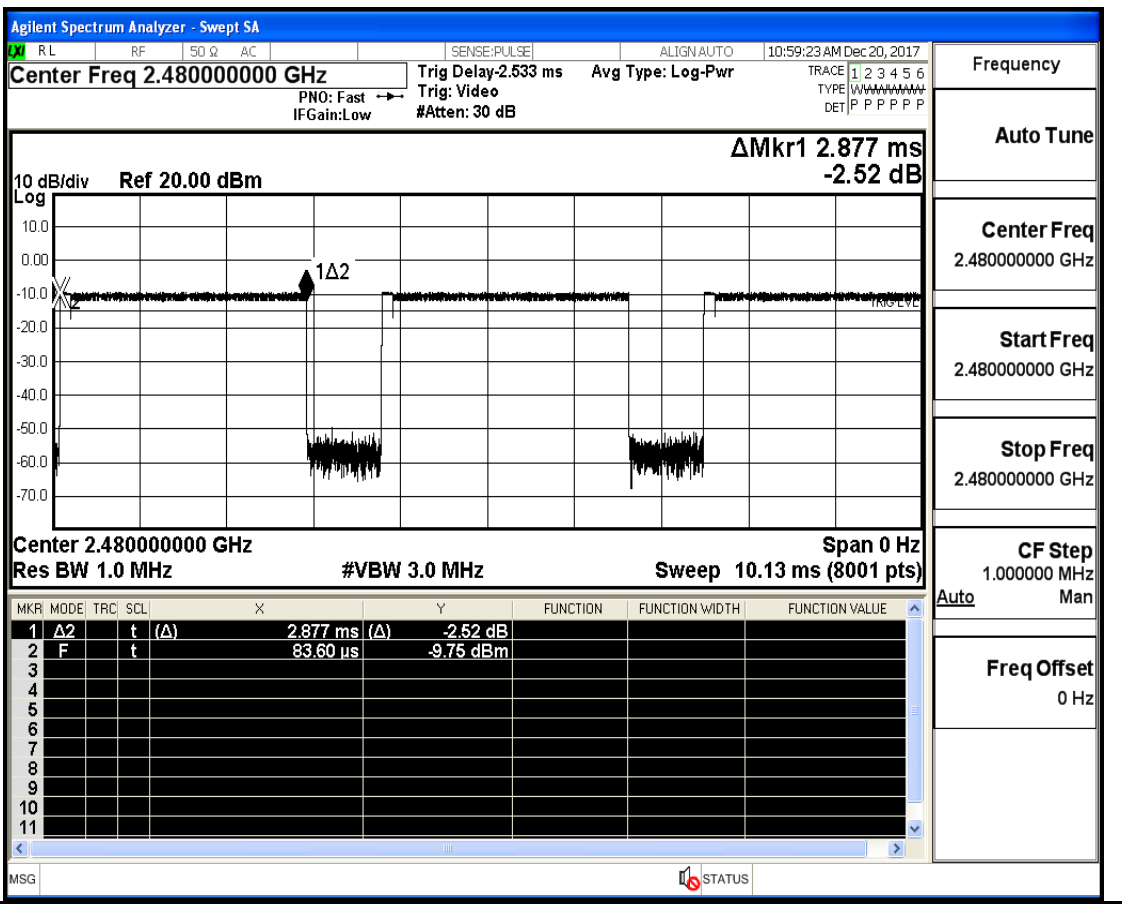
Dwell Time_2DH5_2402



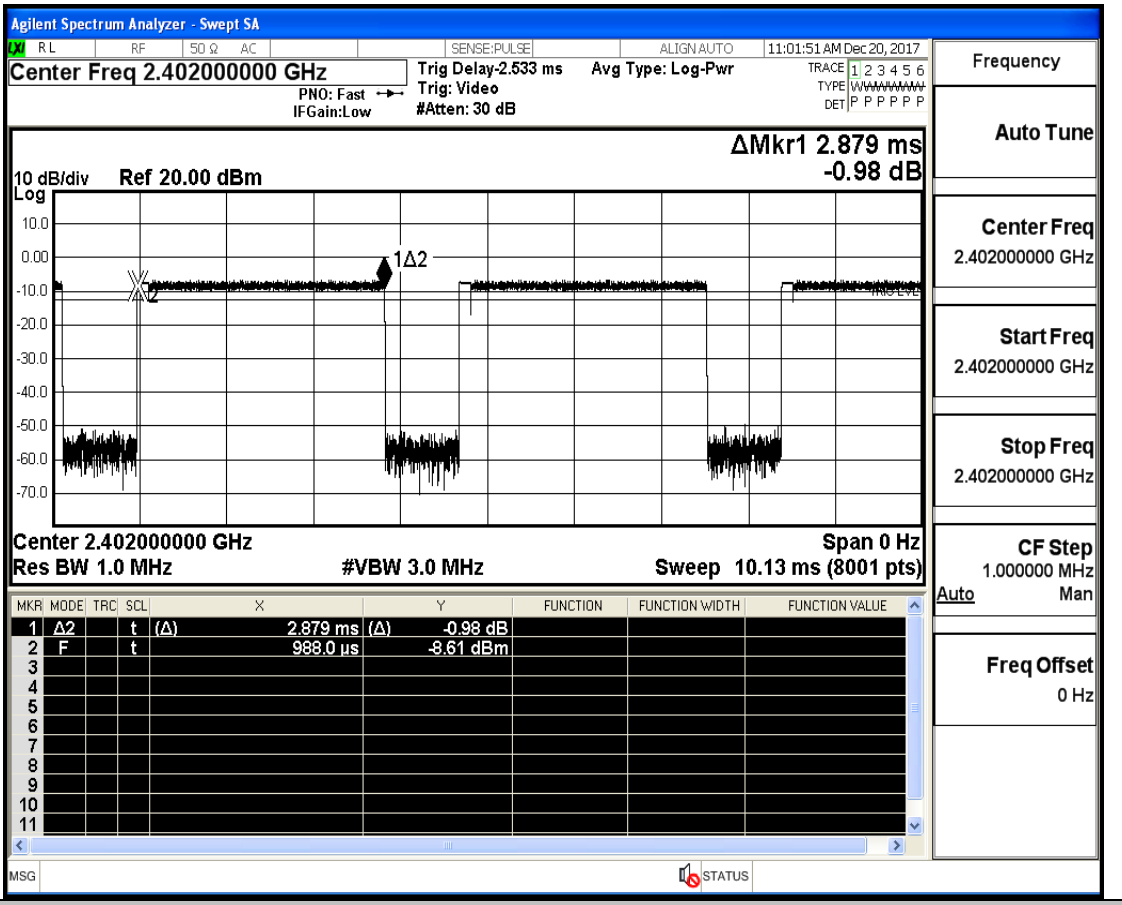
Dwell Time_2DH5_2441



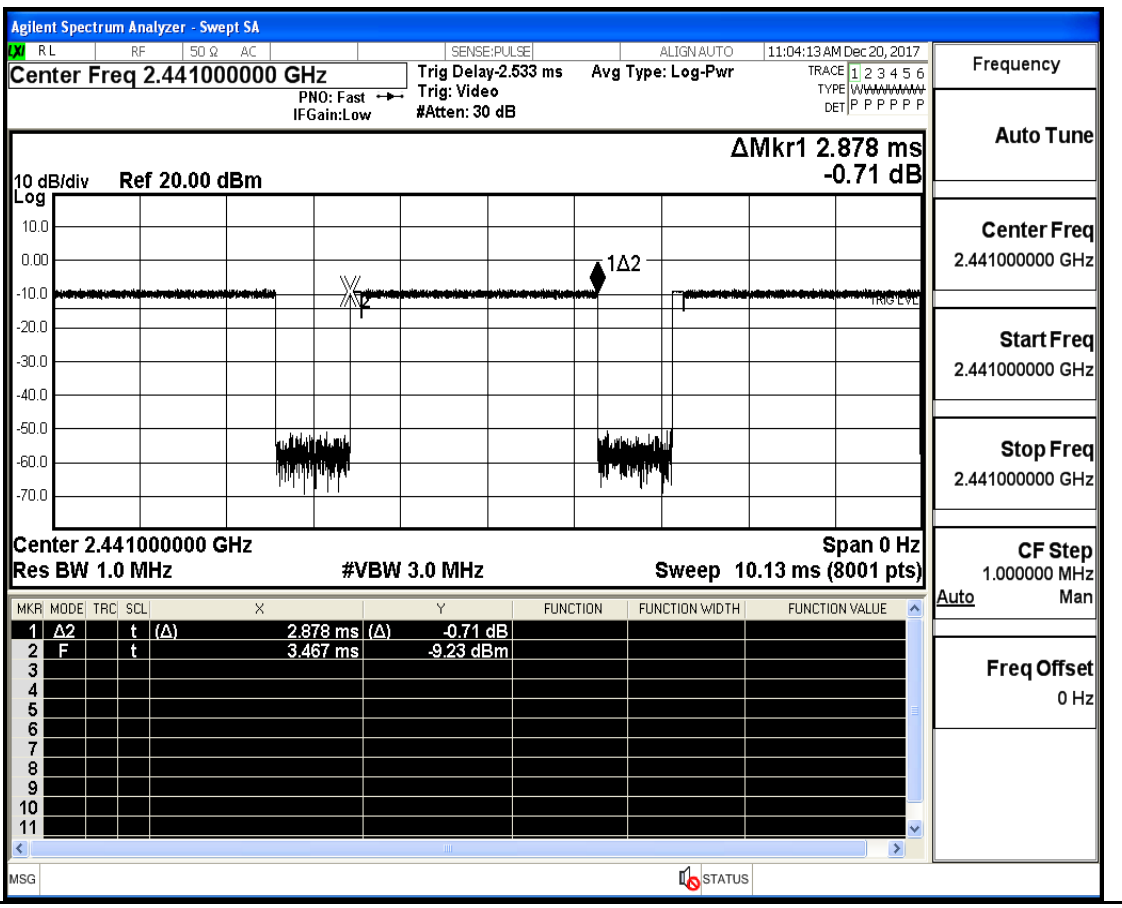
Dwell Time_2DH5_2480



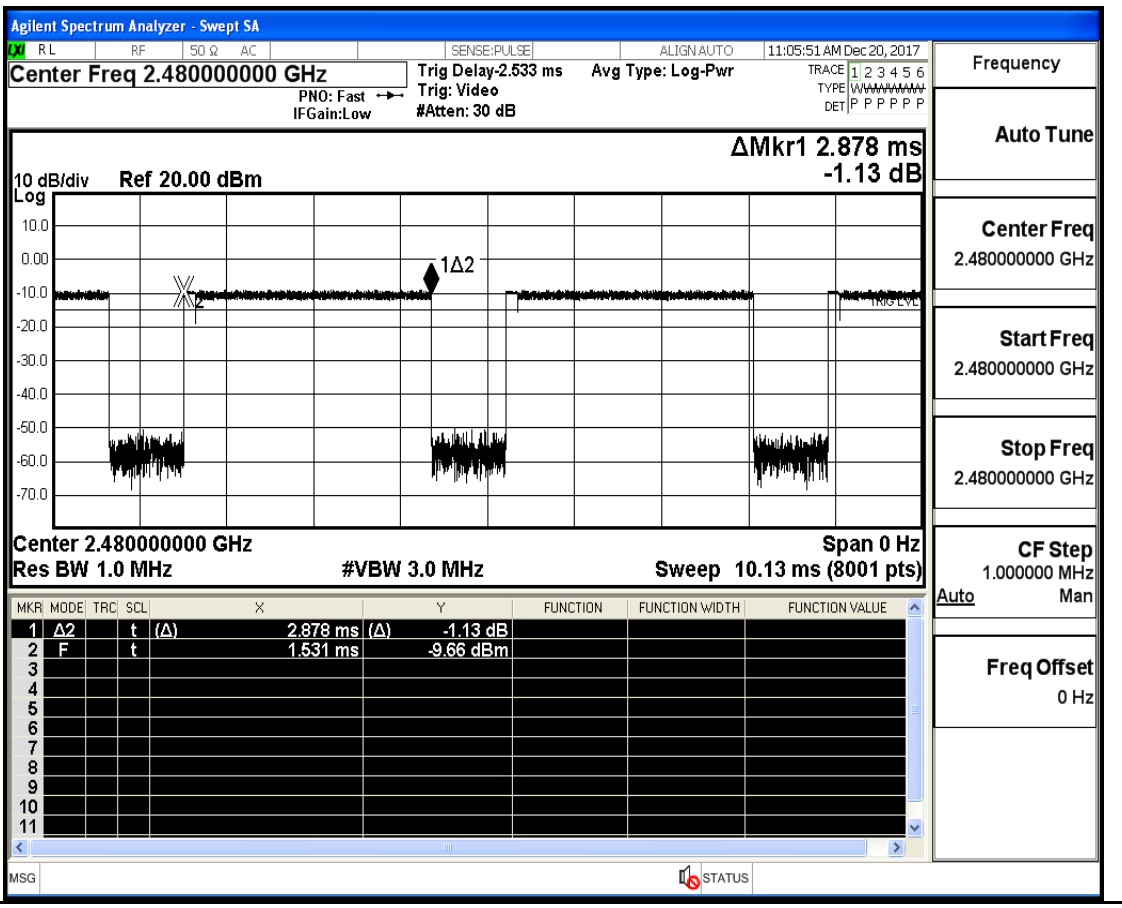
Dwell Time_3DH5_2402



Dwell Time_3DH5_2441



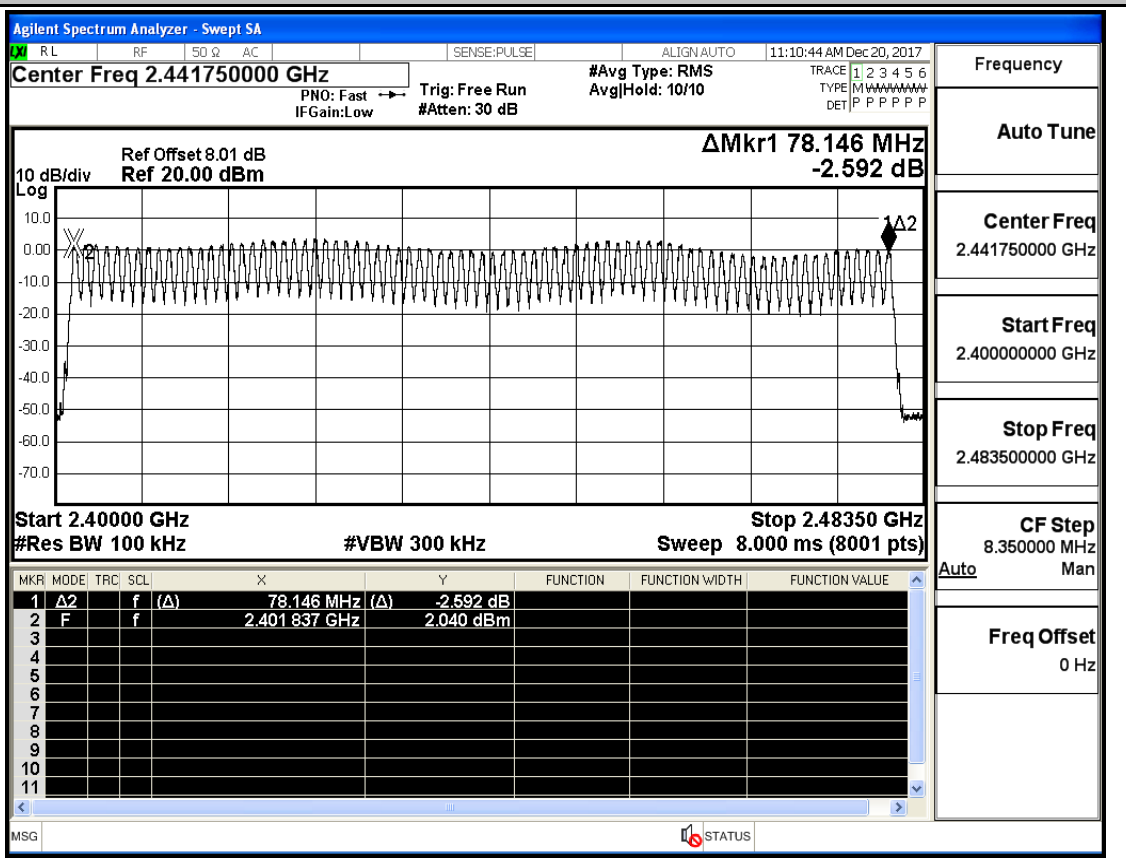
Dwell Time_3DH5_2480



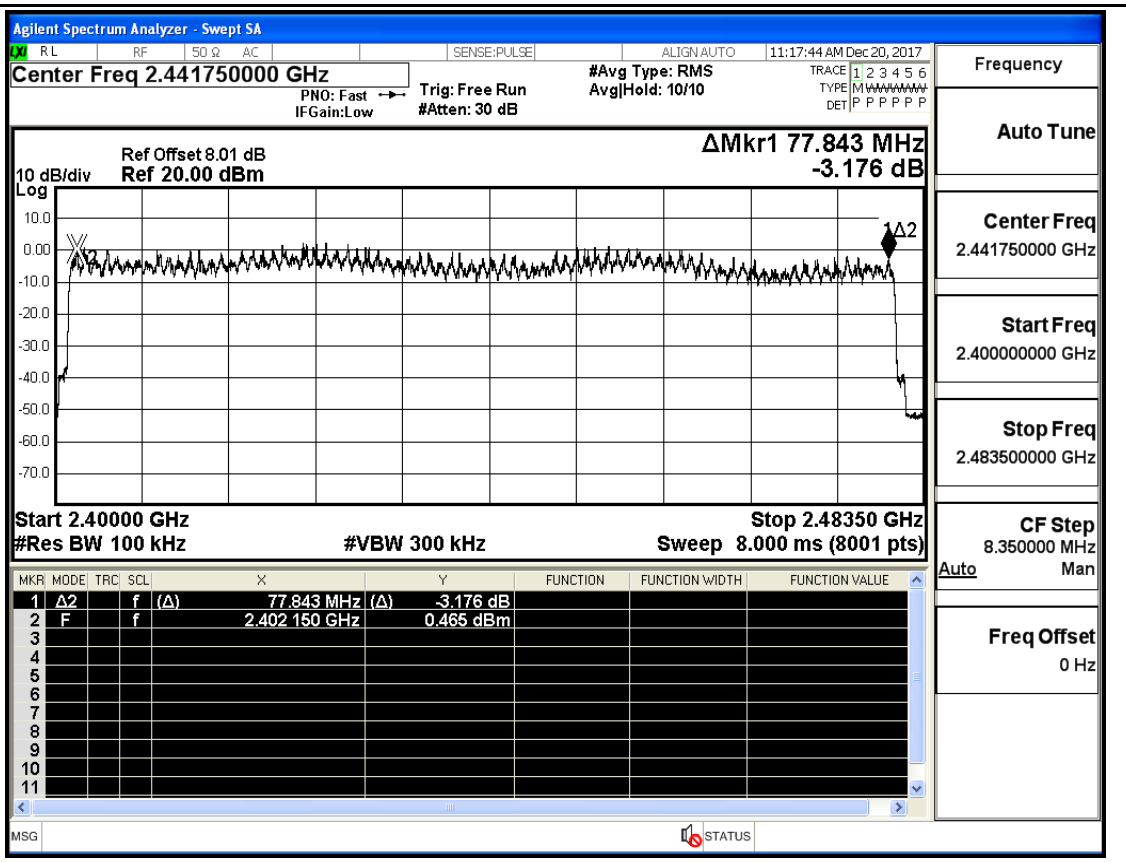
A.5.Hopping Channel Number

Test Mode	Test Channel	Number of Hopping Channel[N]	Limit[N]	Verdict
DH5	2402	79	>=15	PASS
2DH5	2402	79	>=15	PASS
3DH5	2402	79	>=15	PASS

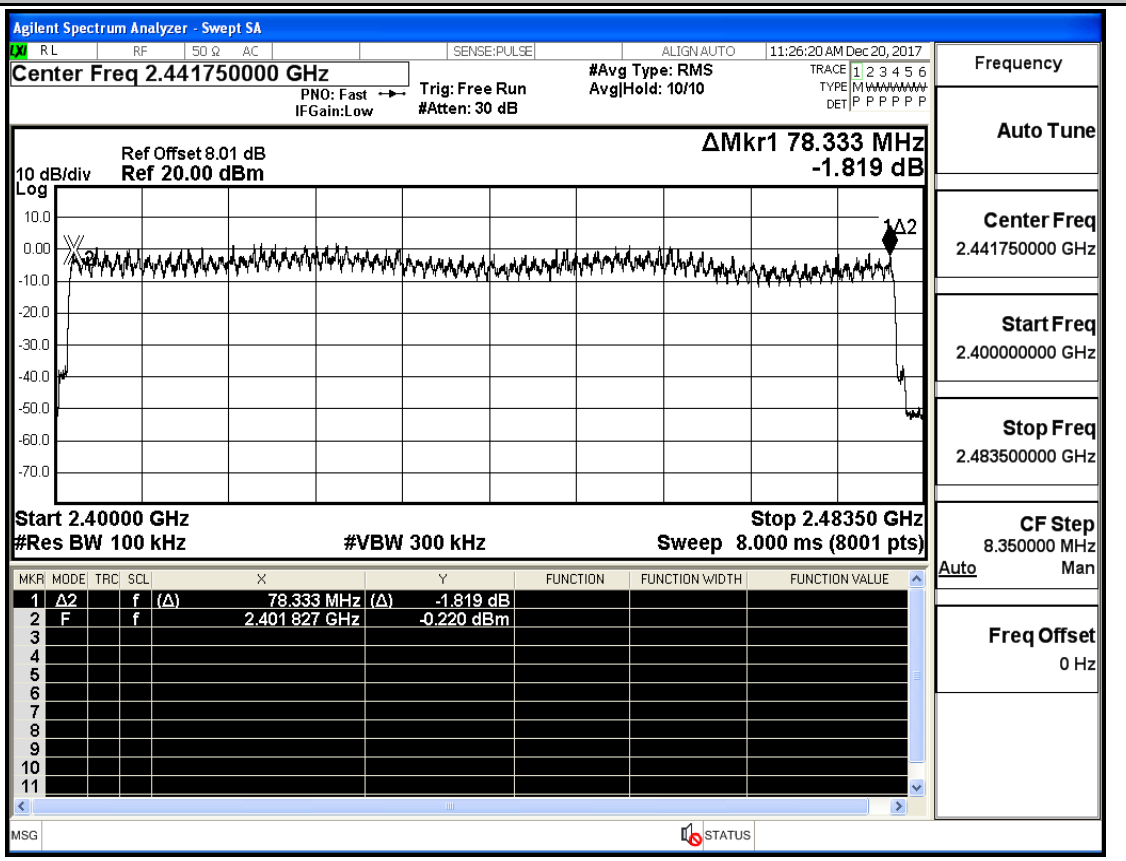
Hopping Channel Number_DH5_2402



Hopping Channel Number_2DH5_2402



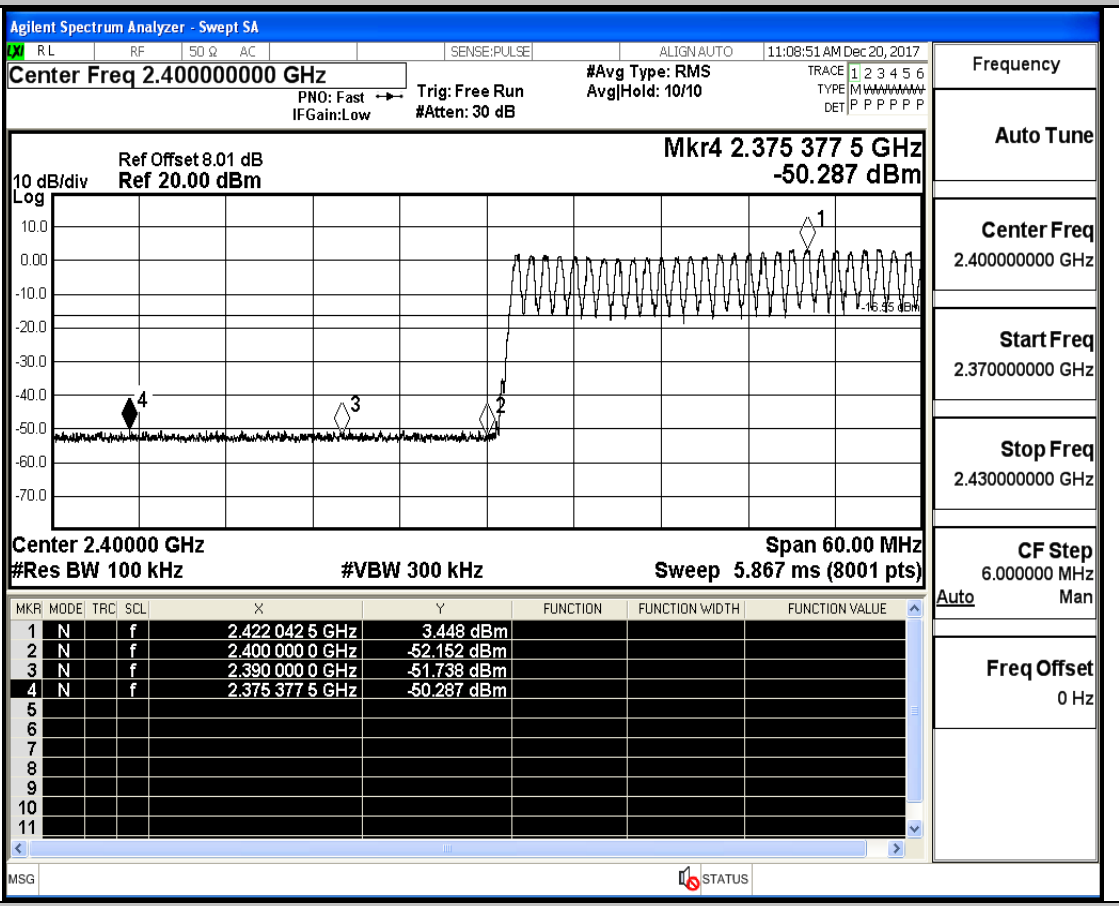
Hopping Channel Number_3DH5_2402



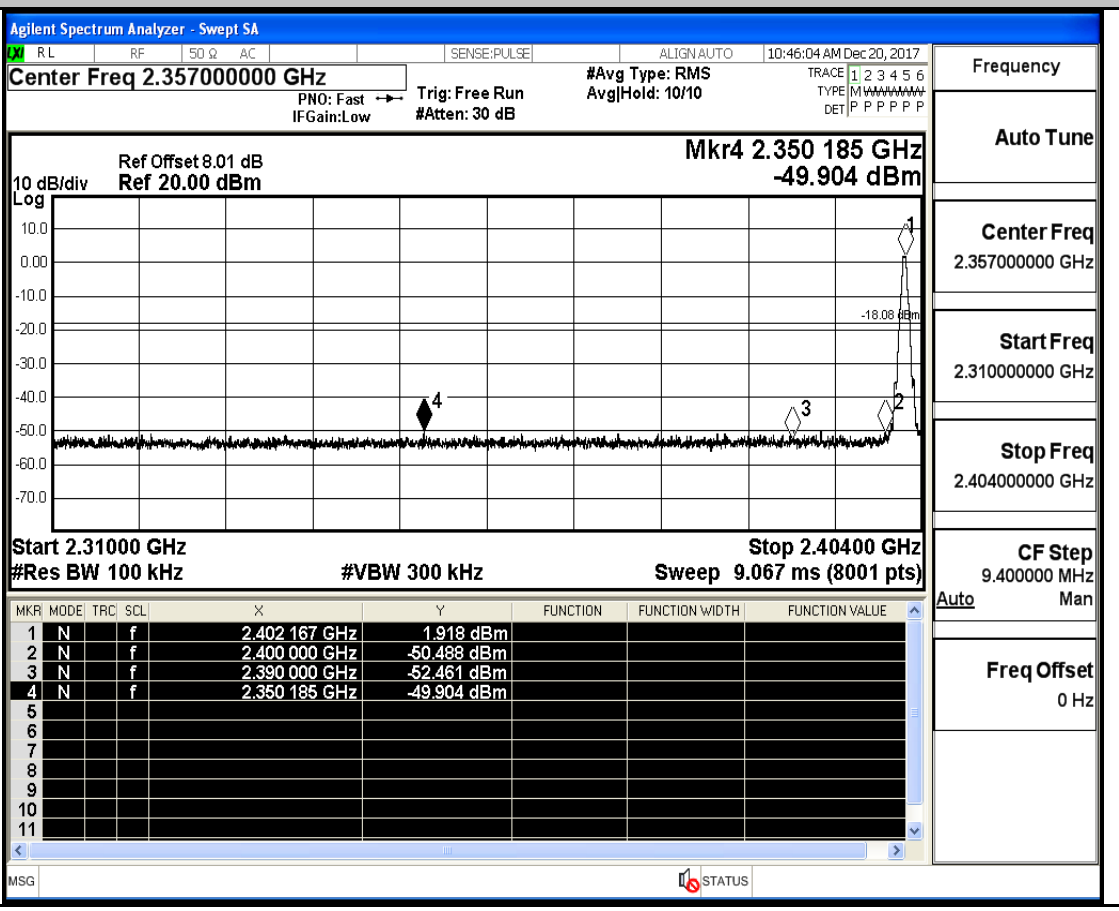
A.6.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
DH5	2402	On	3.448	-50.287	-16.55	PASS
DH5	2402	Off	1.918	-49.904	-18.08	PASS
DH5	2480	On	3.091	-49.576	-16.91	PASS
DH5	2480	Off	-0.449	-50.483	-20.45	PASS
2DH5	2402	On	2.195	-49.942	-17.81	PASS
2DH5	2402	Off	0.670	-49.729	-19.33	PASS
2DH5	2480	On	1.259	-49.919	-18.74	PASS
2DH5	2480	Off	-1.479	-49.549	-21.48	PASS
3DH5	2402	On	2.154	-49.884	-17.85	PASS
3DH5	2402	Off	0.417	-49.727	-19.58	PASS
3DH5	2480	On	1.667	-49.682	-18.33	PASS
3DH5	2480	Off	-1.818	-50.159	-21.82	PASS

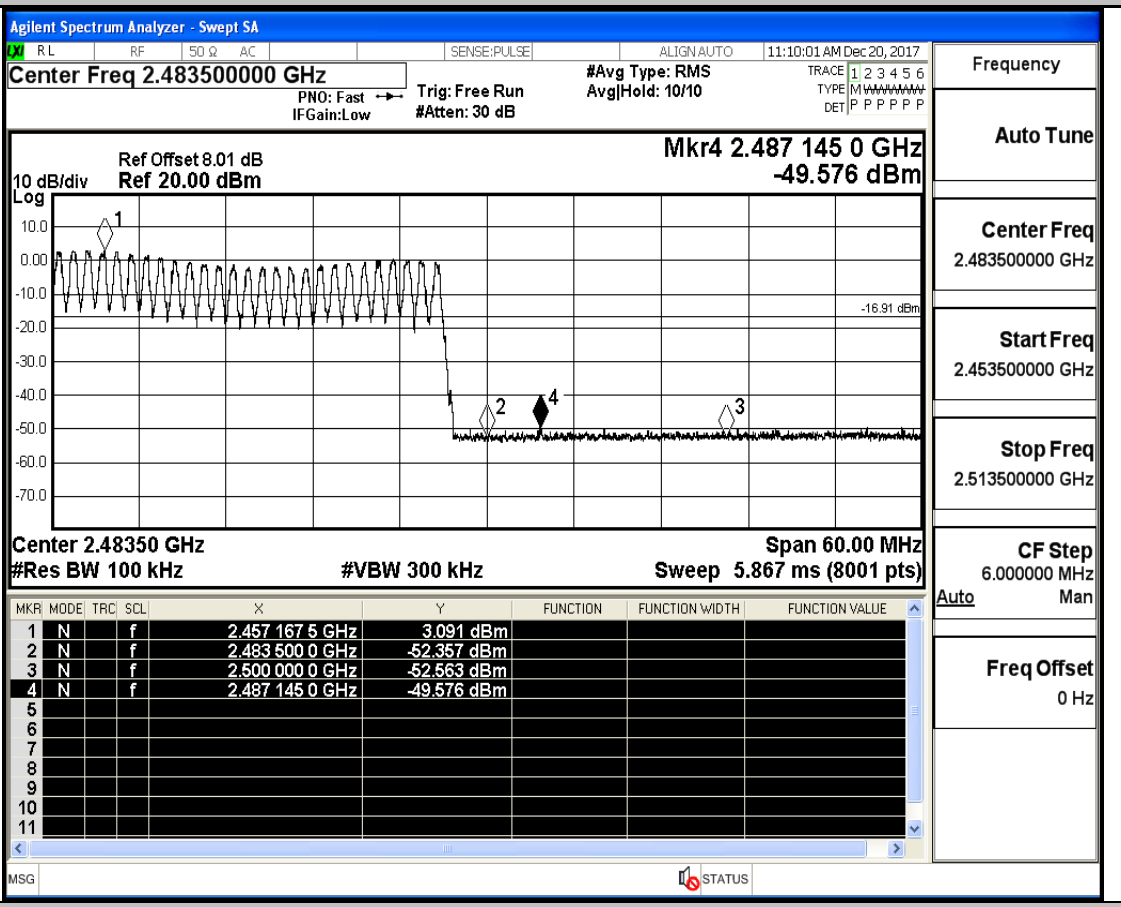
Band-edge for RF Conducted Emissions_DH5_2402_Hopping On



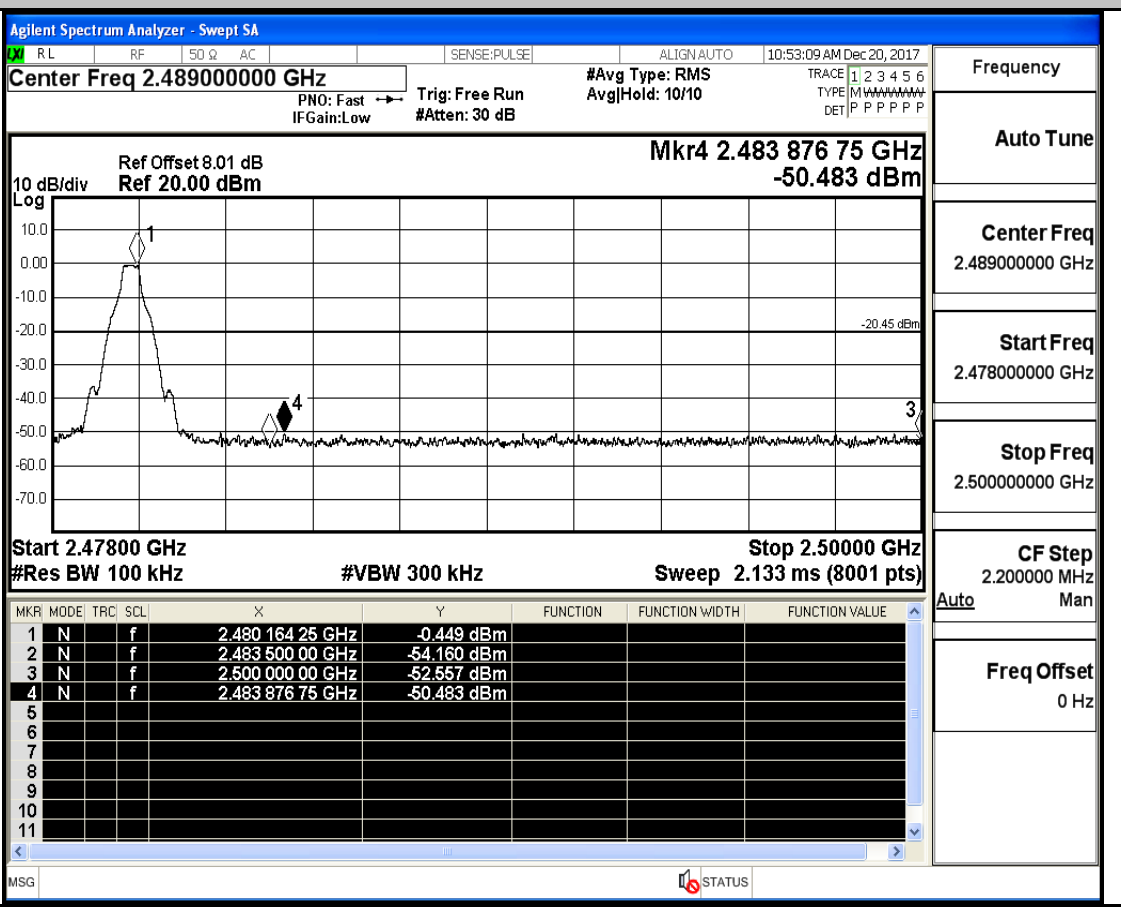
Band-edge for RF Conducted Emissions_DH5_2402_Hopping Off



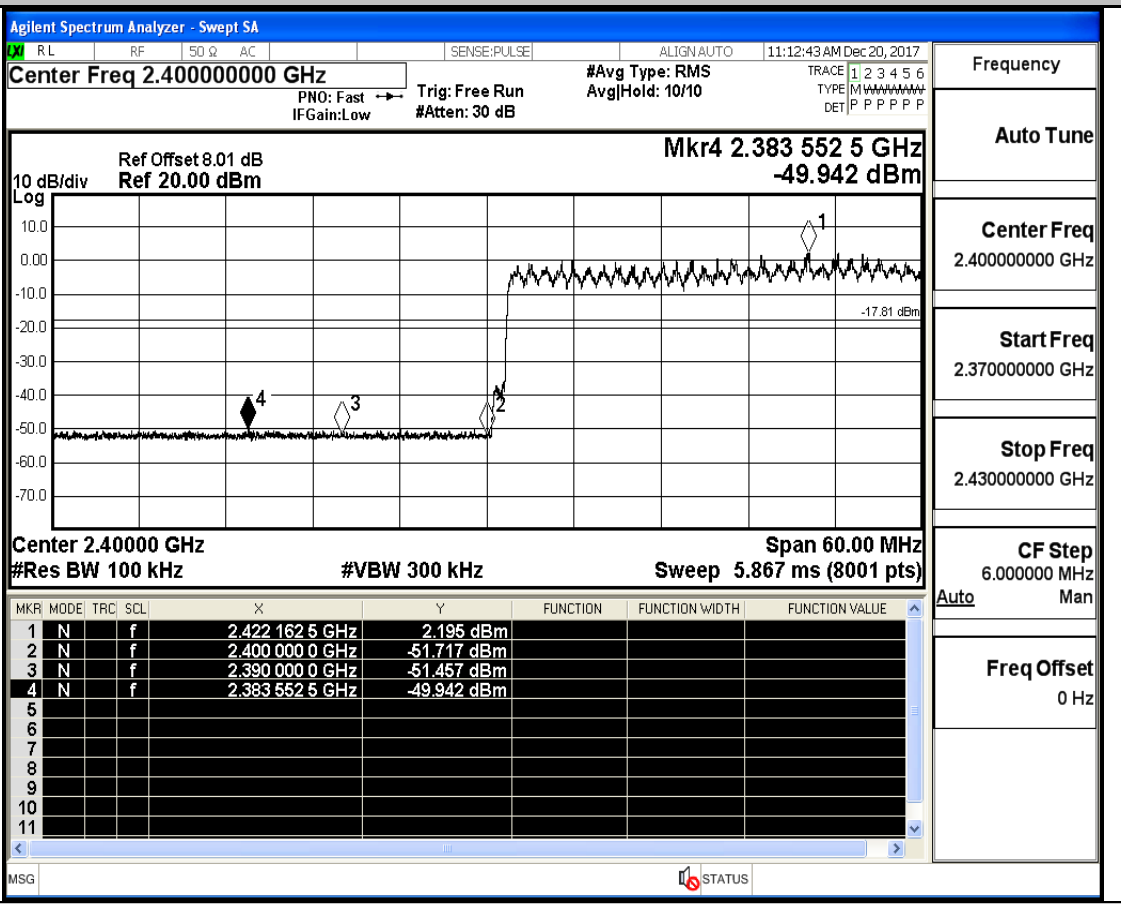
Band-edge for RF Conducted Emissions_DH5_2480_Hopping On



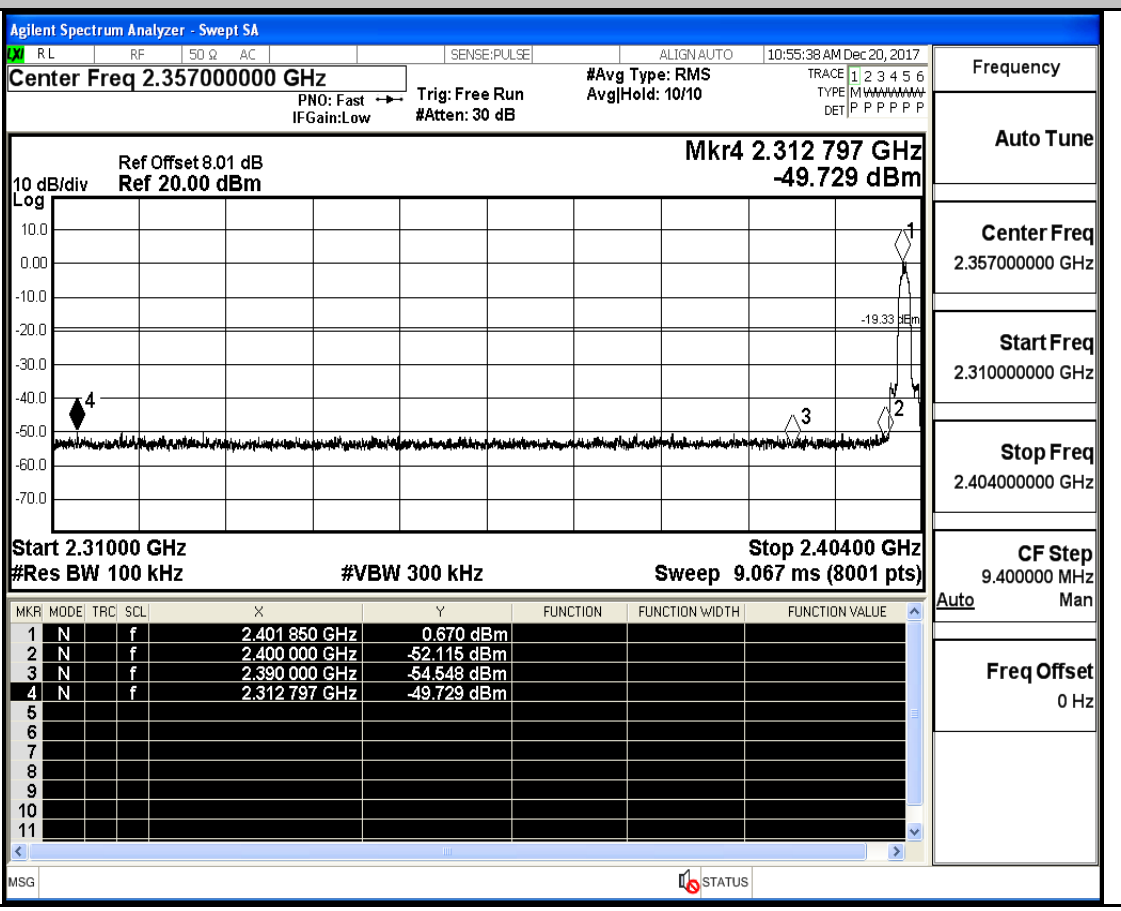
Band-edge for RF Conducted Emissions_DH5_2480_Hopping Off



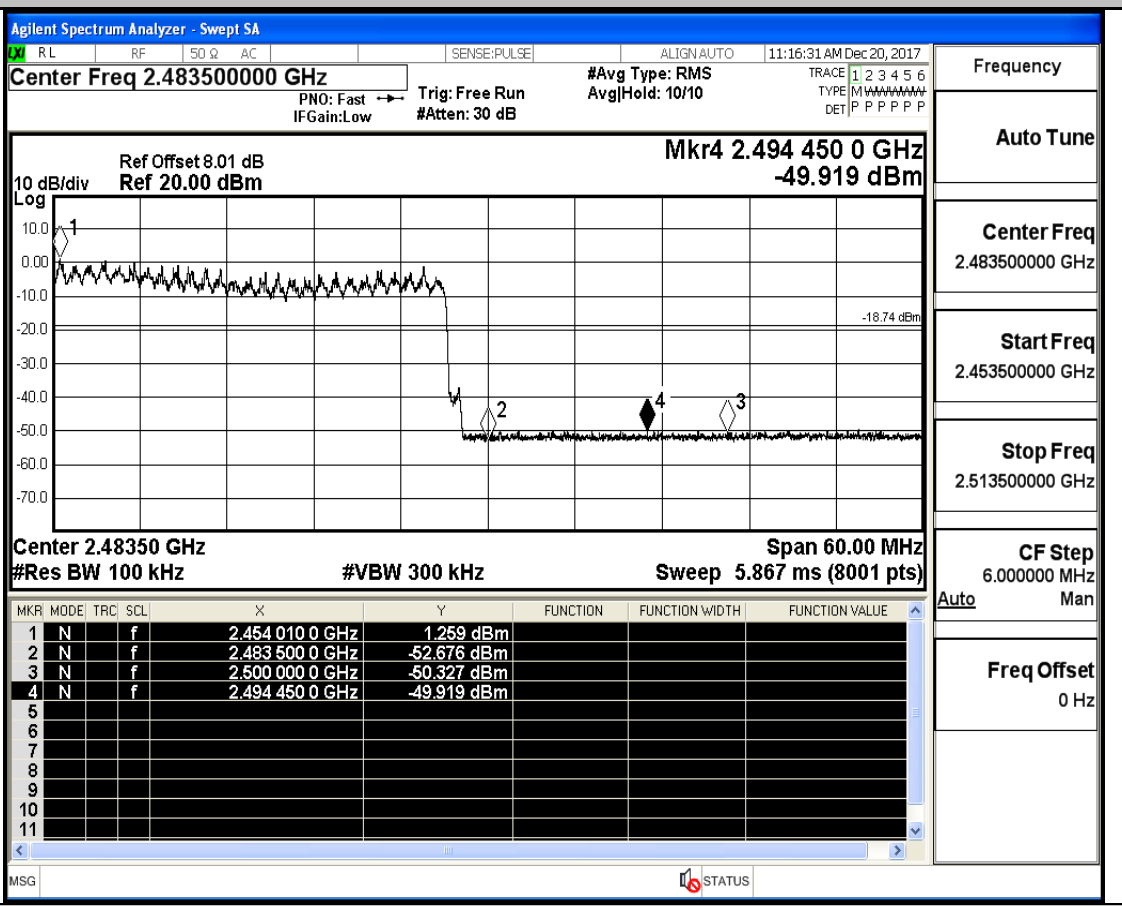
Band-edge for RF Conducted Emissions_2DH5_2402_Hopping On



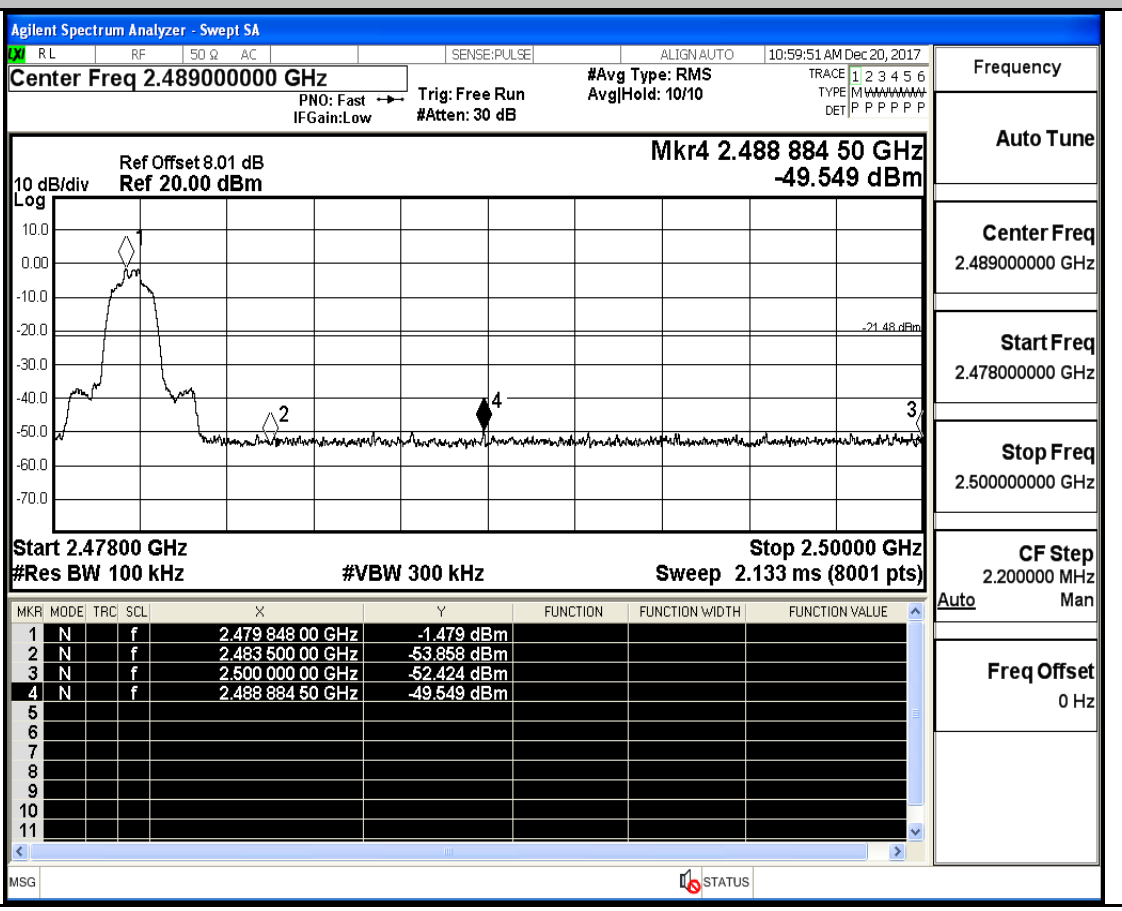
Band-edge for RF Conducted Emissions_2DH5_2402_Hopping Off



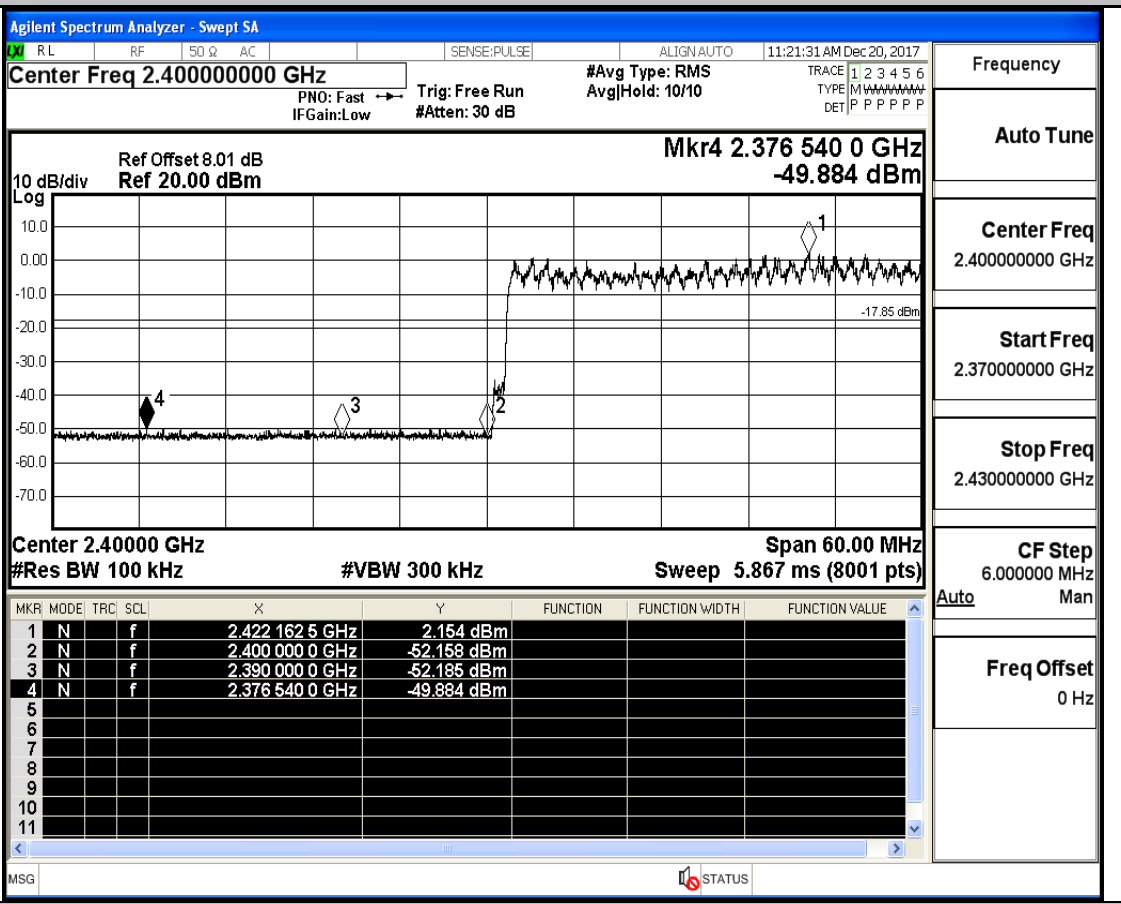
Band-edge for RF Conducted Emissions_2DH5_2480_Hopping On



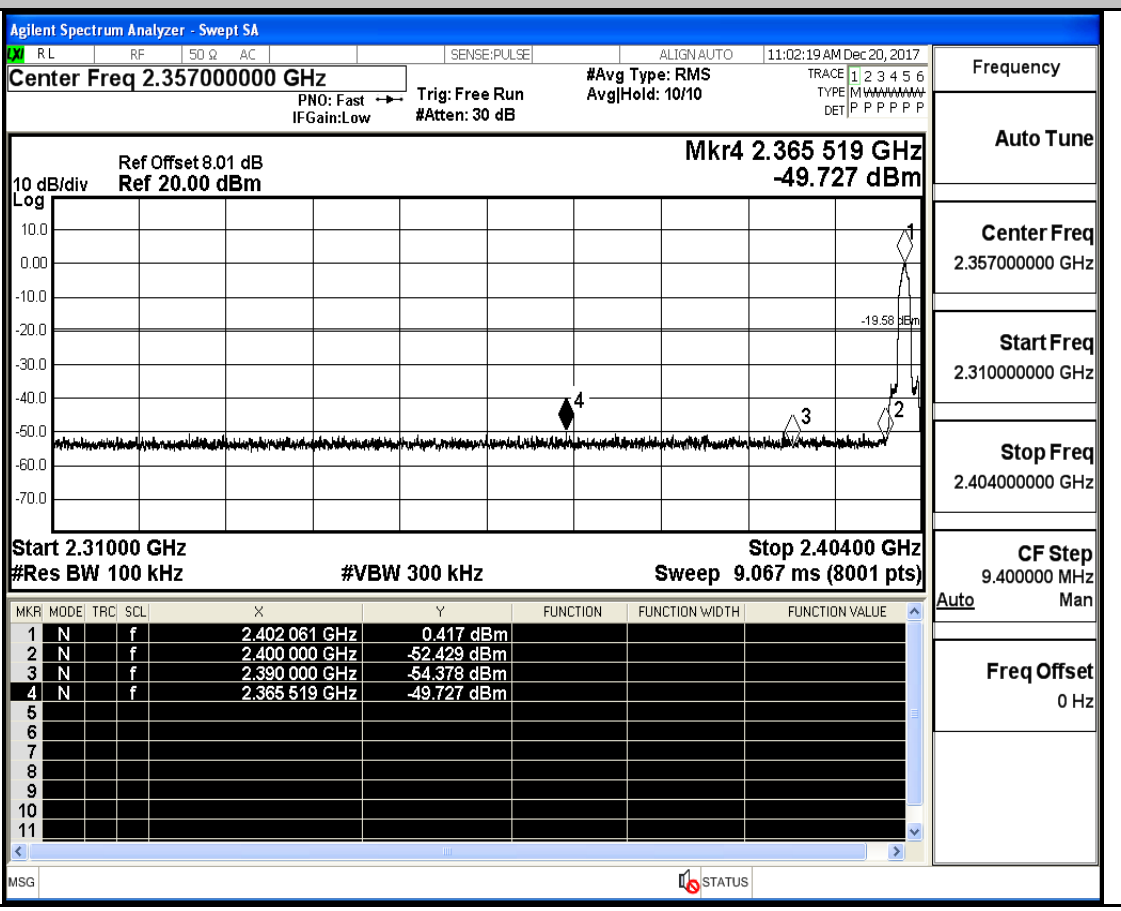
Band-edge for RF Conducted Emissions_2DH5_2480_Hopping Off



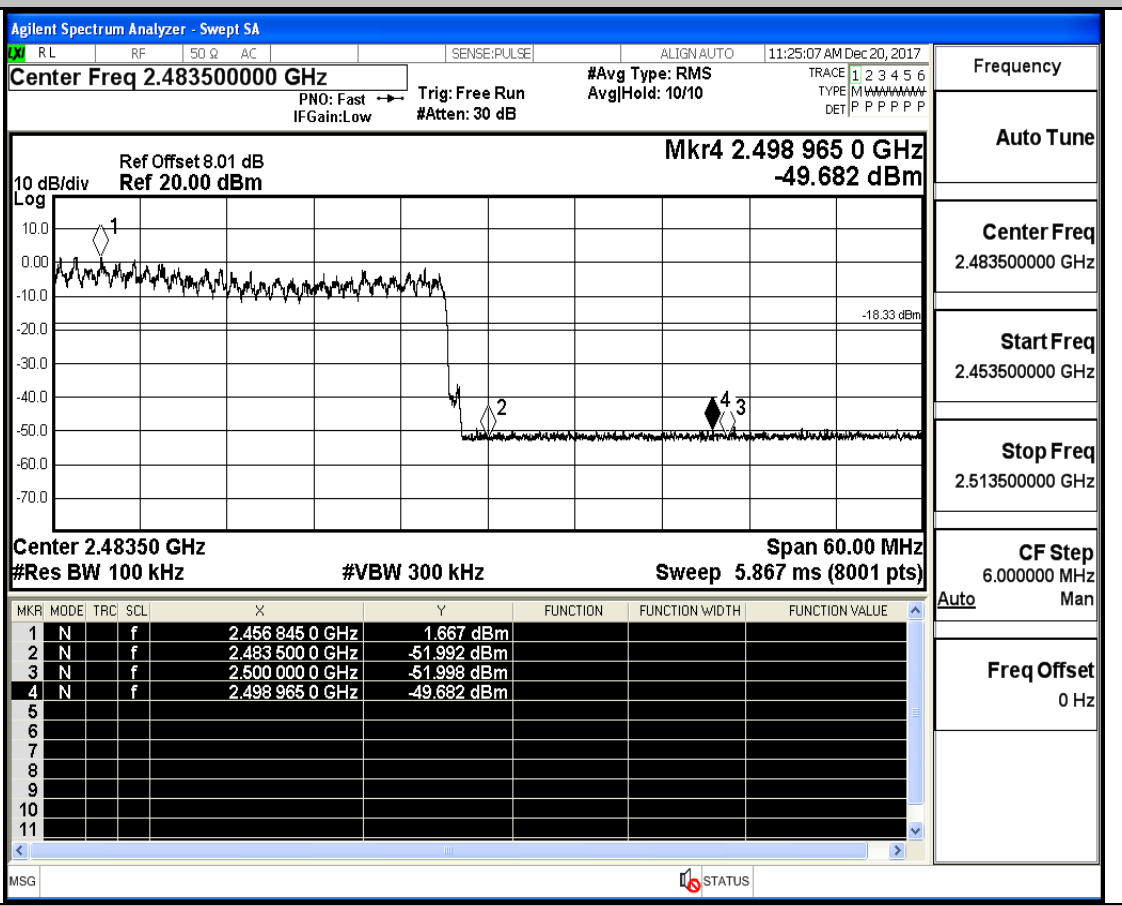
Band-edge for RF Conducted Emissions_3DH5_2402_Hopping On



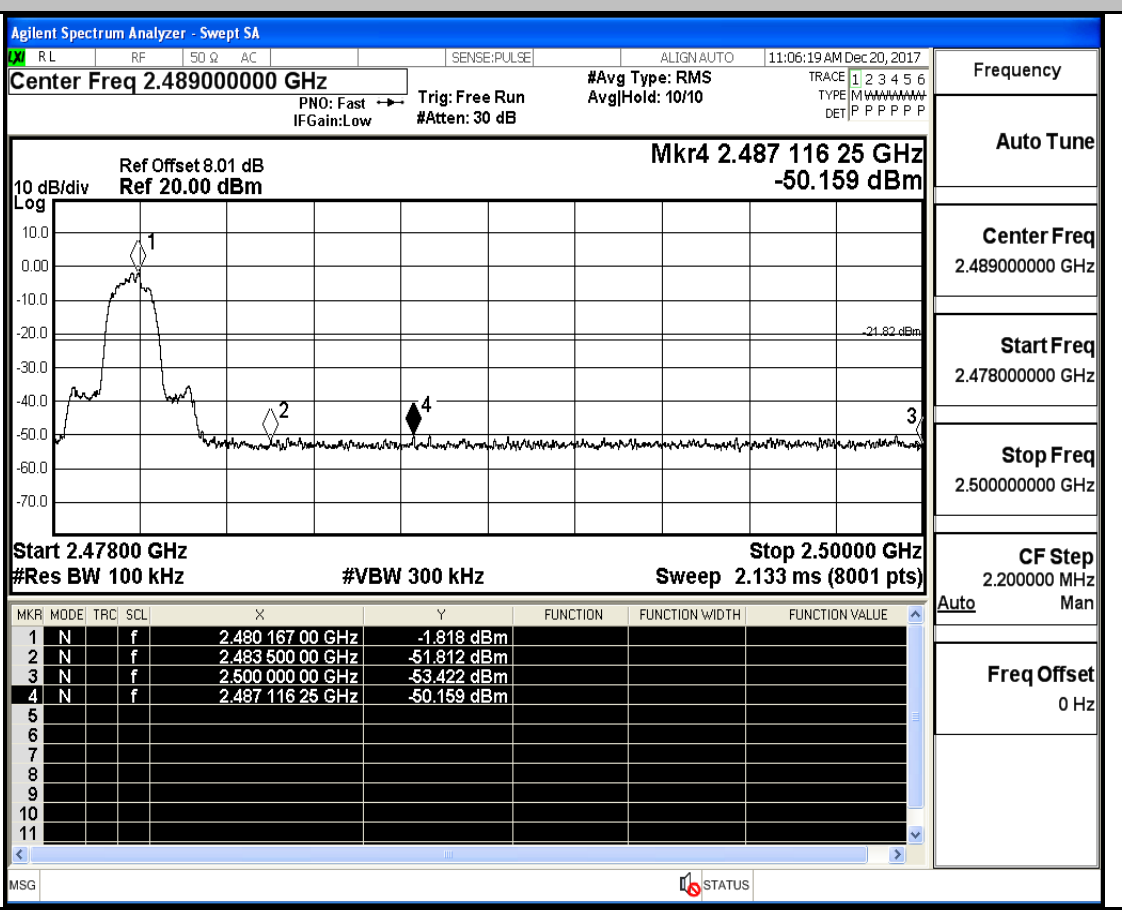
Band-edge for RF Conducted Emissions_3DH5_2402_Hopping Off



Band-edge for RF Conducted Emissions_3DH5_2480_Hopping On



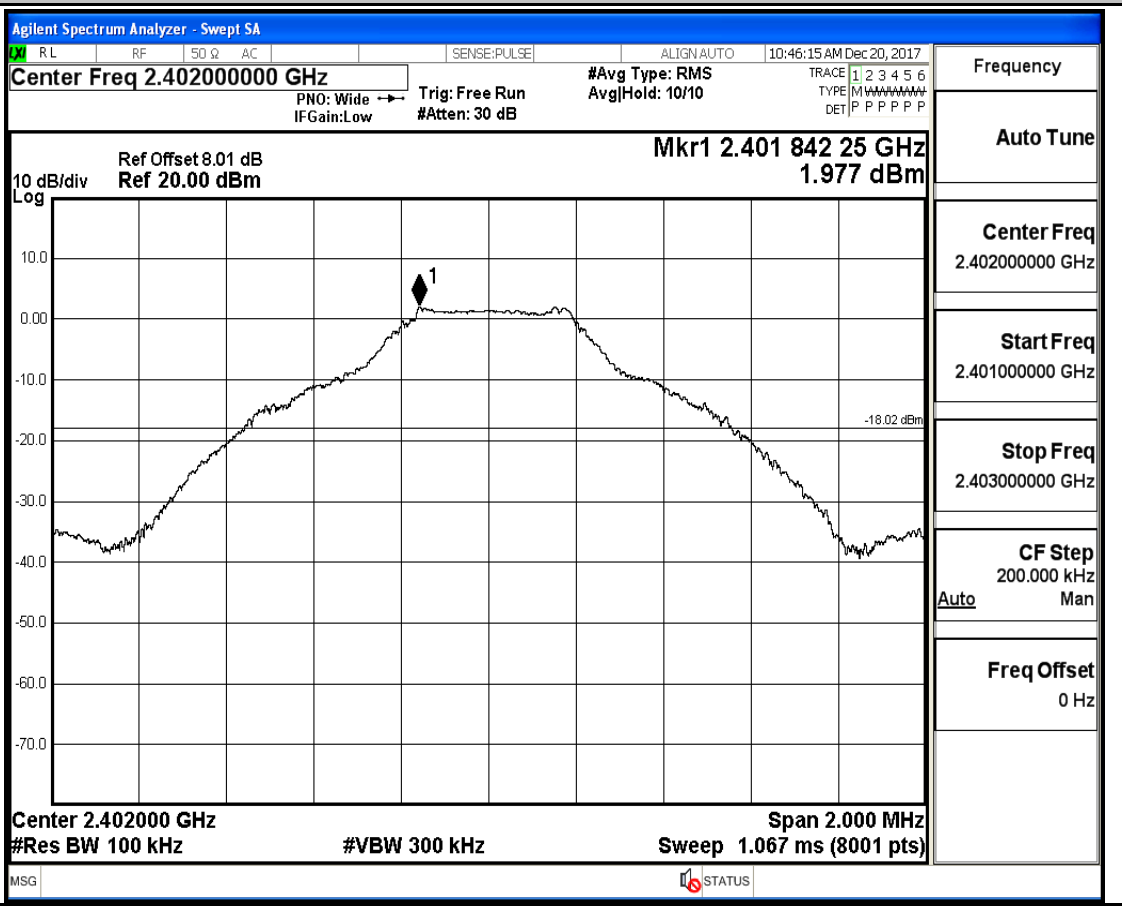
Band-edge for RF Conducted Emissions_3DH5_2480_Hopping Off

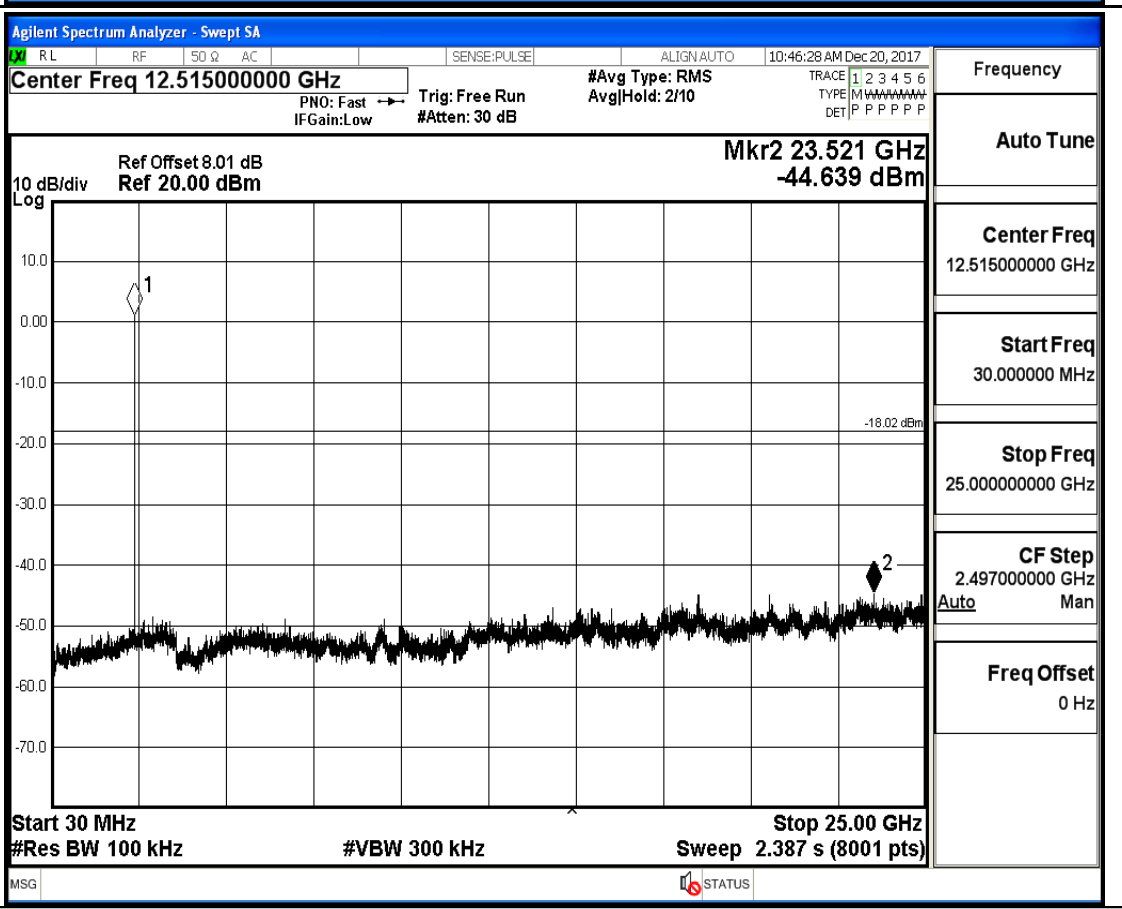


A.7.RF Conducted Spurious Emissions

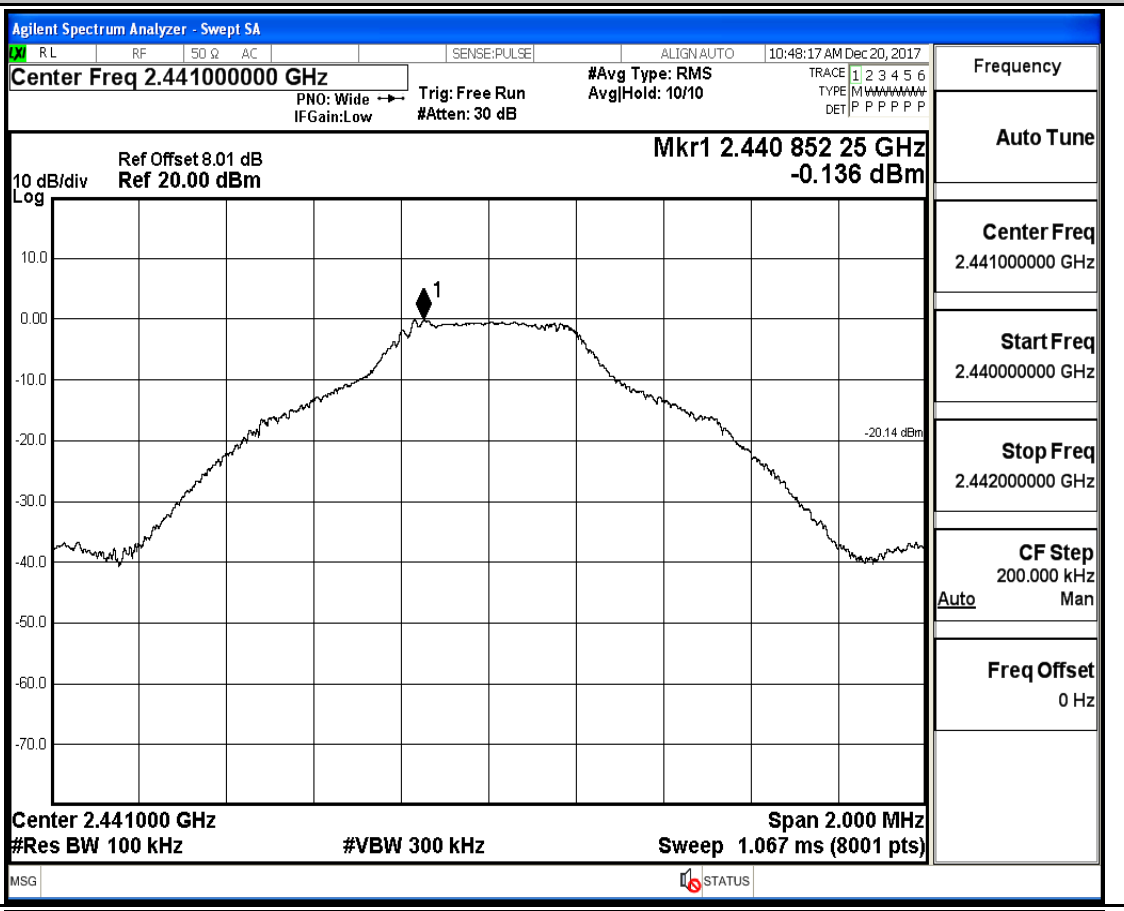
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
DH5	2402	30	25000	100	300	1.977	-44.639	<-18.023	PASS
DH5	2441	30	25000	100	300	-0.136	-44.220	<-20.136	PASS
DH5	2480	30	25000	100	300	-0.264	-45.150	<-20.264	PASS
2DH5	2402	30	25000	100	300	0.49	-44.334	<-19.51	PASS
2DH5	2441	30	25000	100	300	-1.325	-44.829	<-21.325	PASS
2DH5	2480	30	25000	100	300	-1.552	-44.323	<-21.552	PASS
3DH5	2402	30	25000	100	300	0.632	-45.358	<-19.368	PASS
3DH5	2441	30	25000	100	300	-1.26	-44.789	<-21.26	PASS
3DH5	2480	30	25000	100	300	-1.73	-44.439	<-21.73	PASS

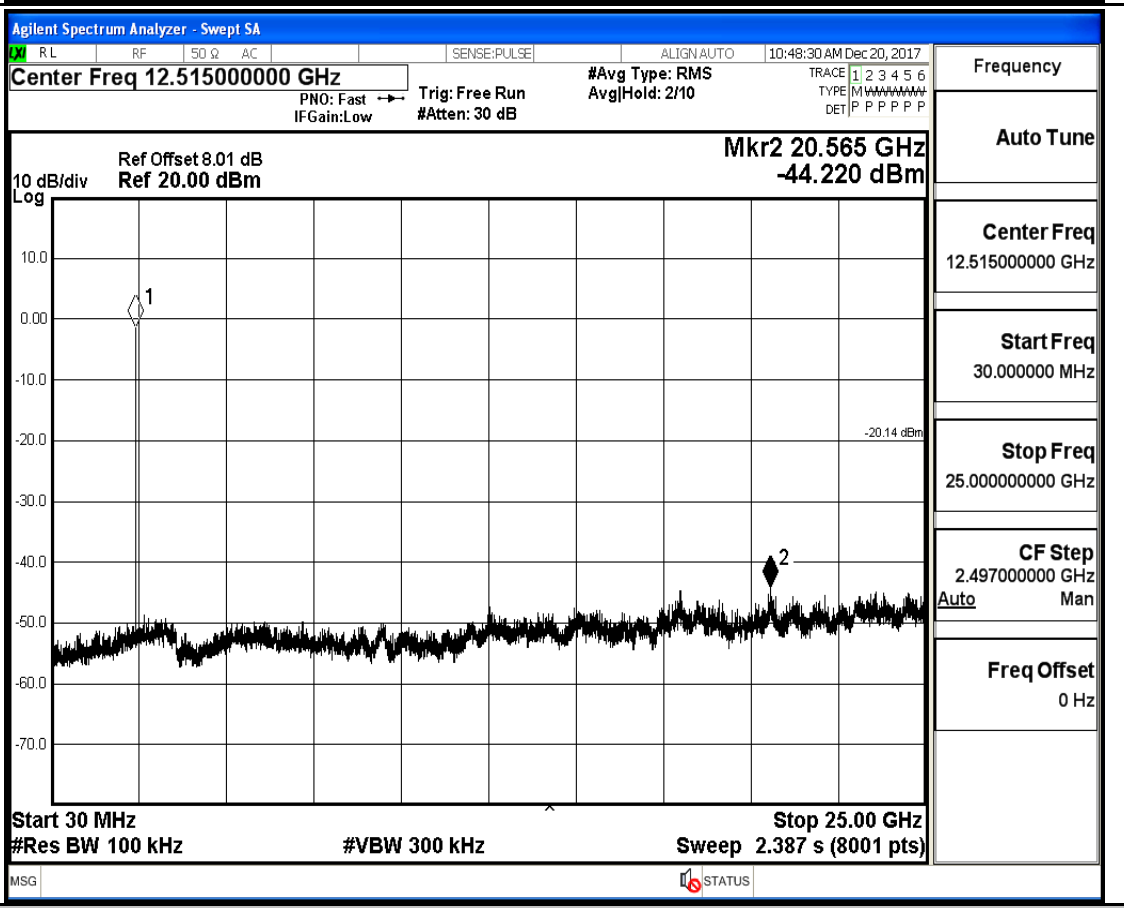
RF Conducted Spurious Emissions_DH5_2402



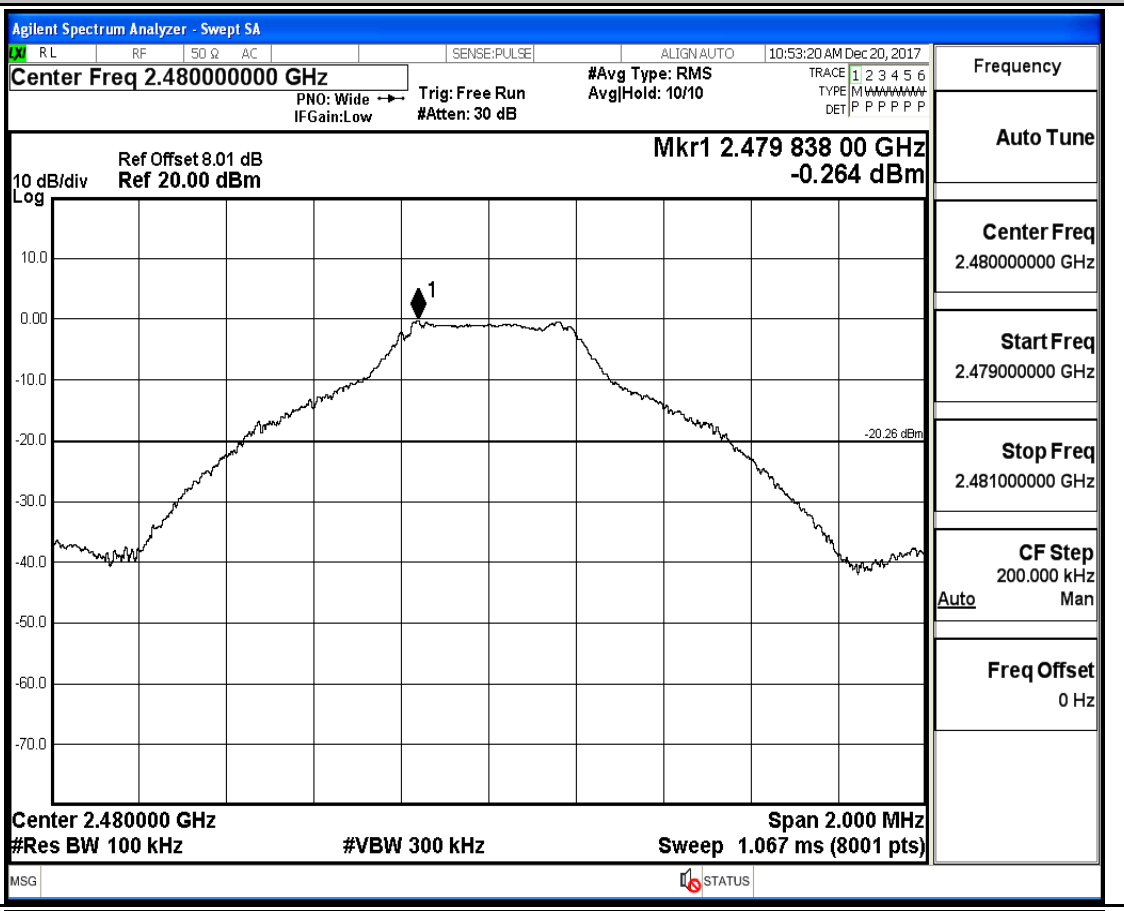


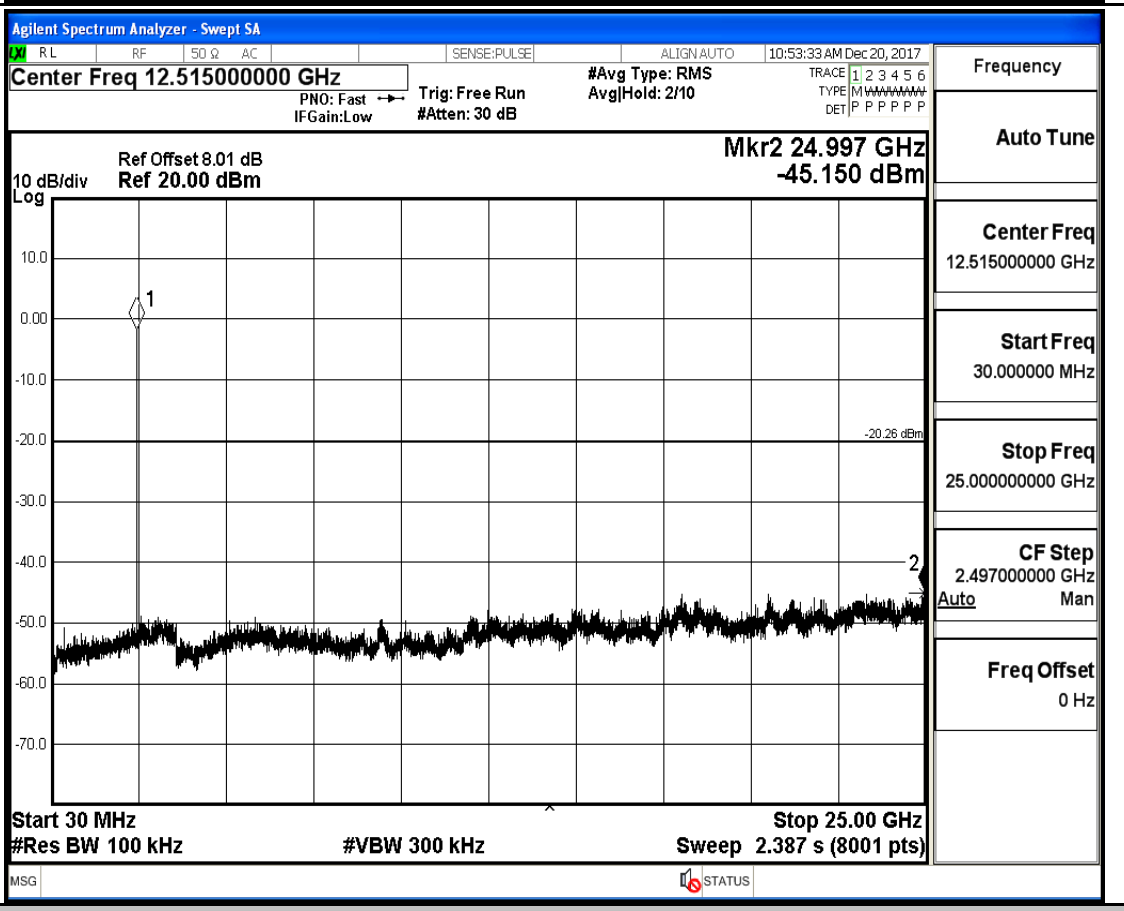
RF Conducted Spurious Emissions_DH5_2441



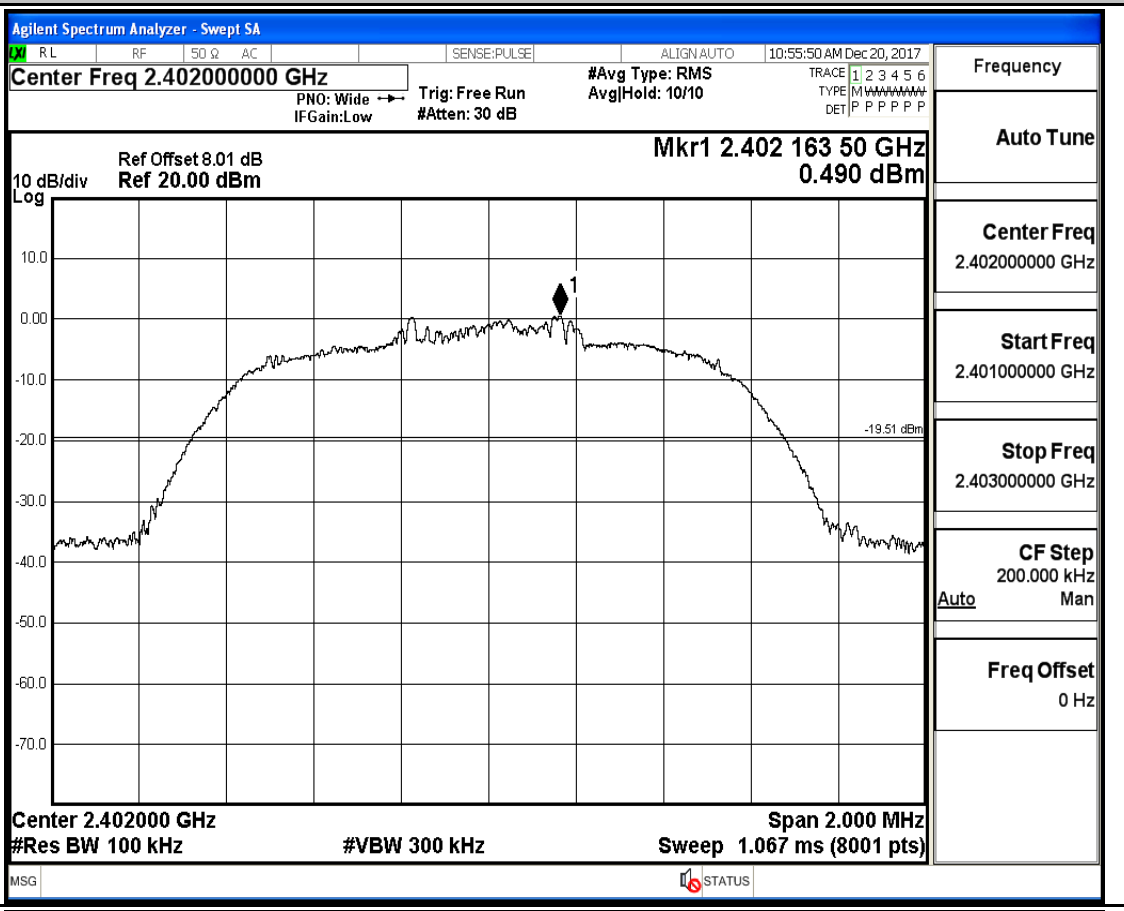


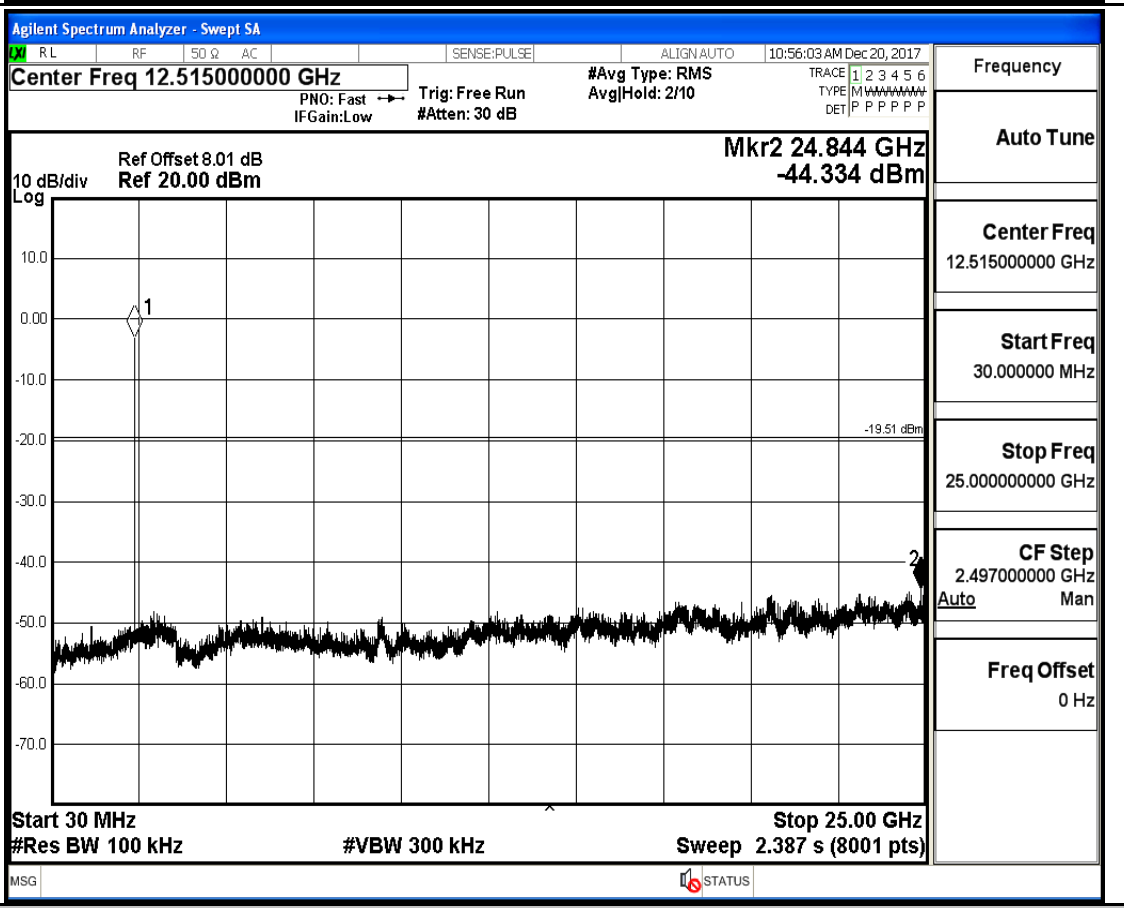
RF Conducted Spurious Emissions_DH5_2480



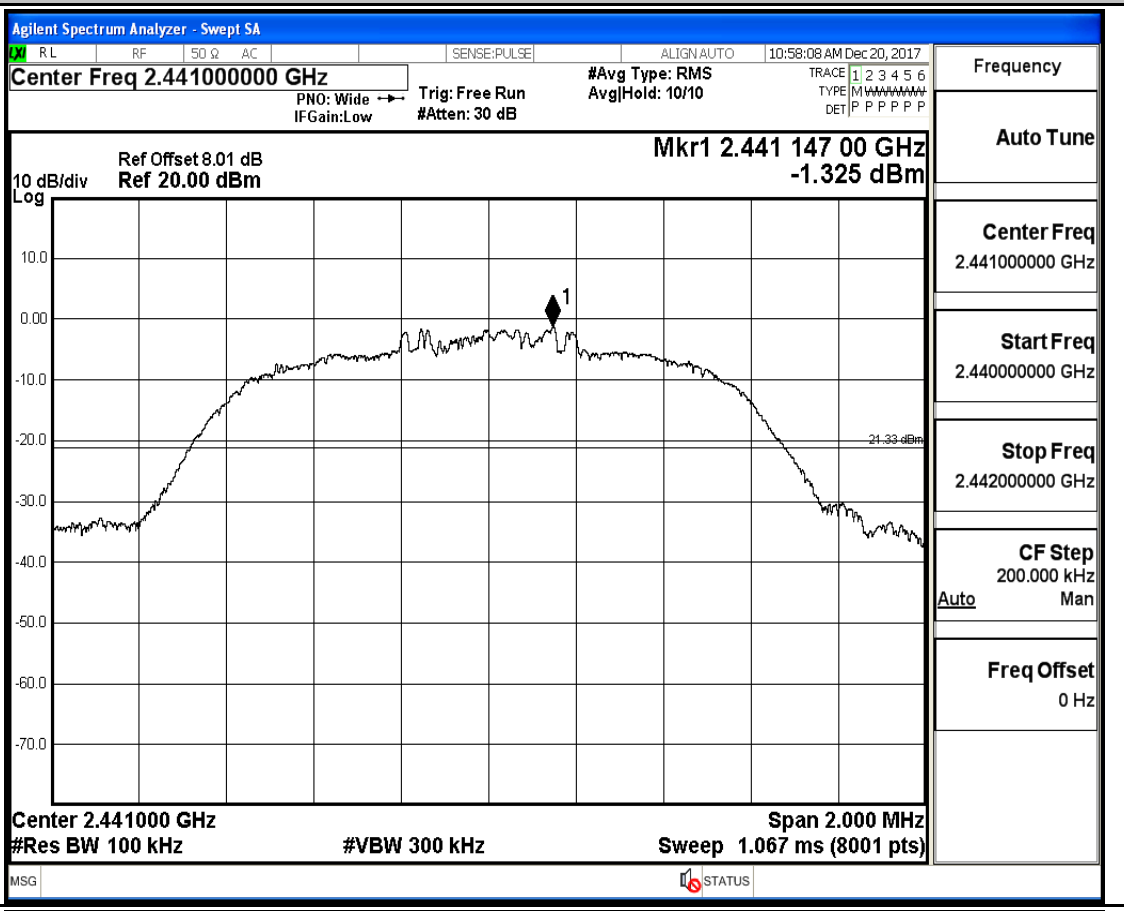


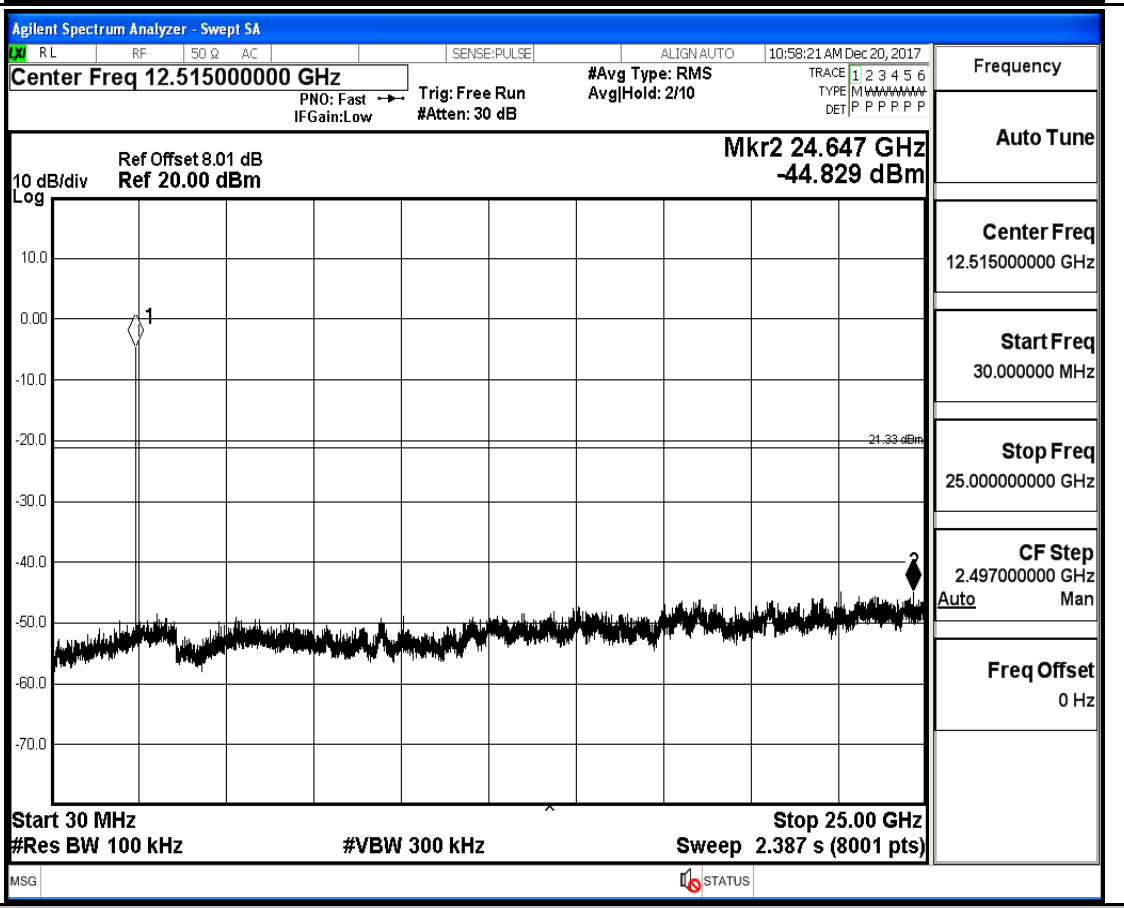
RF Conducted Spurious Emissions_2DH5_2402



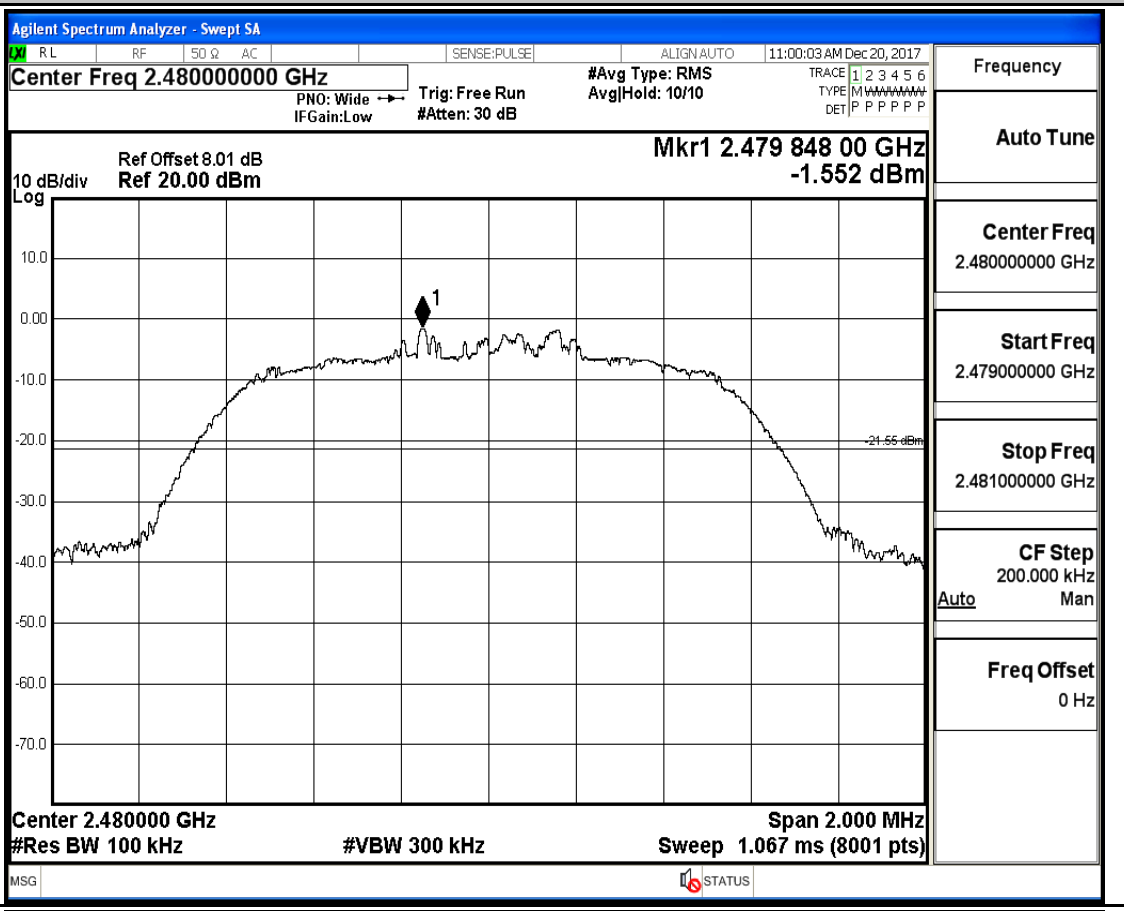


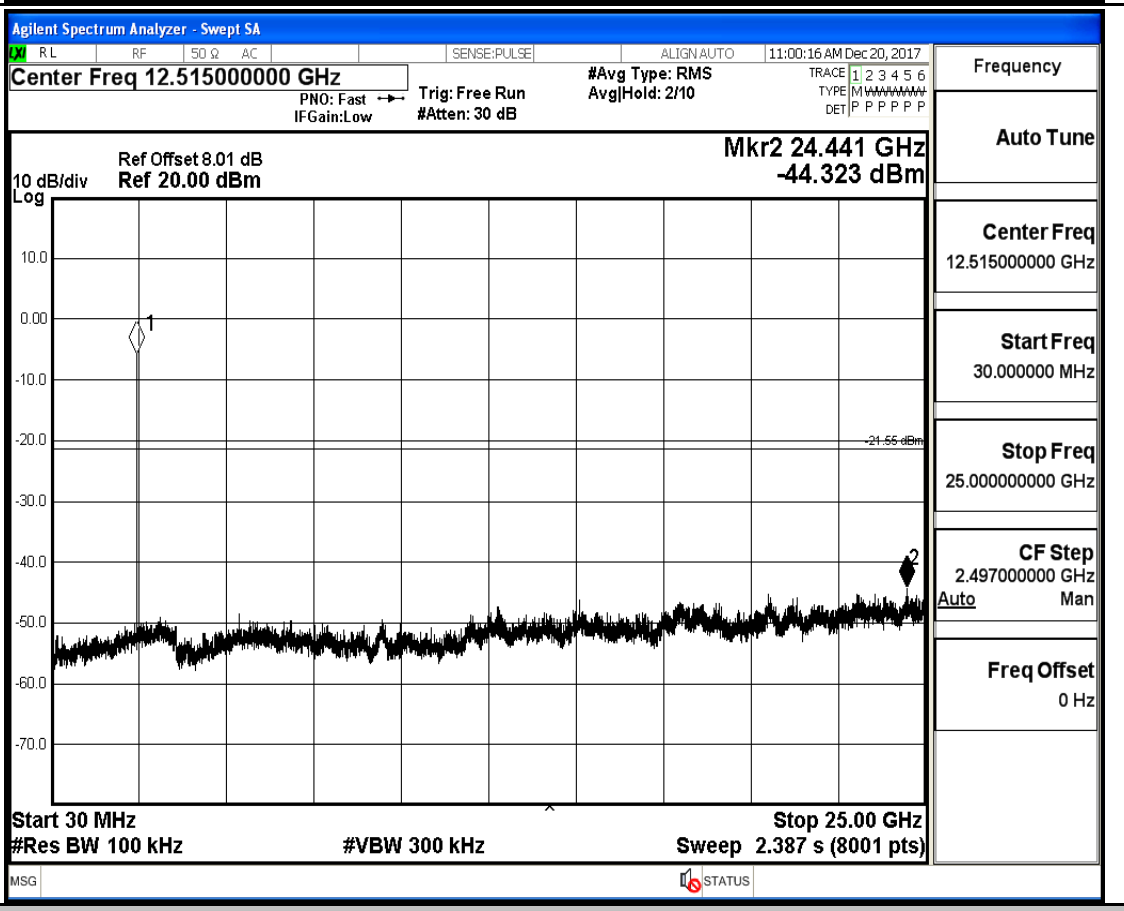
RF Conducted Spurious Emissions_2DH5_2441



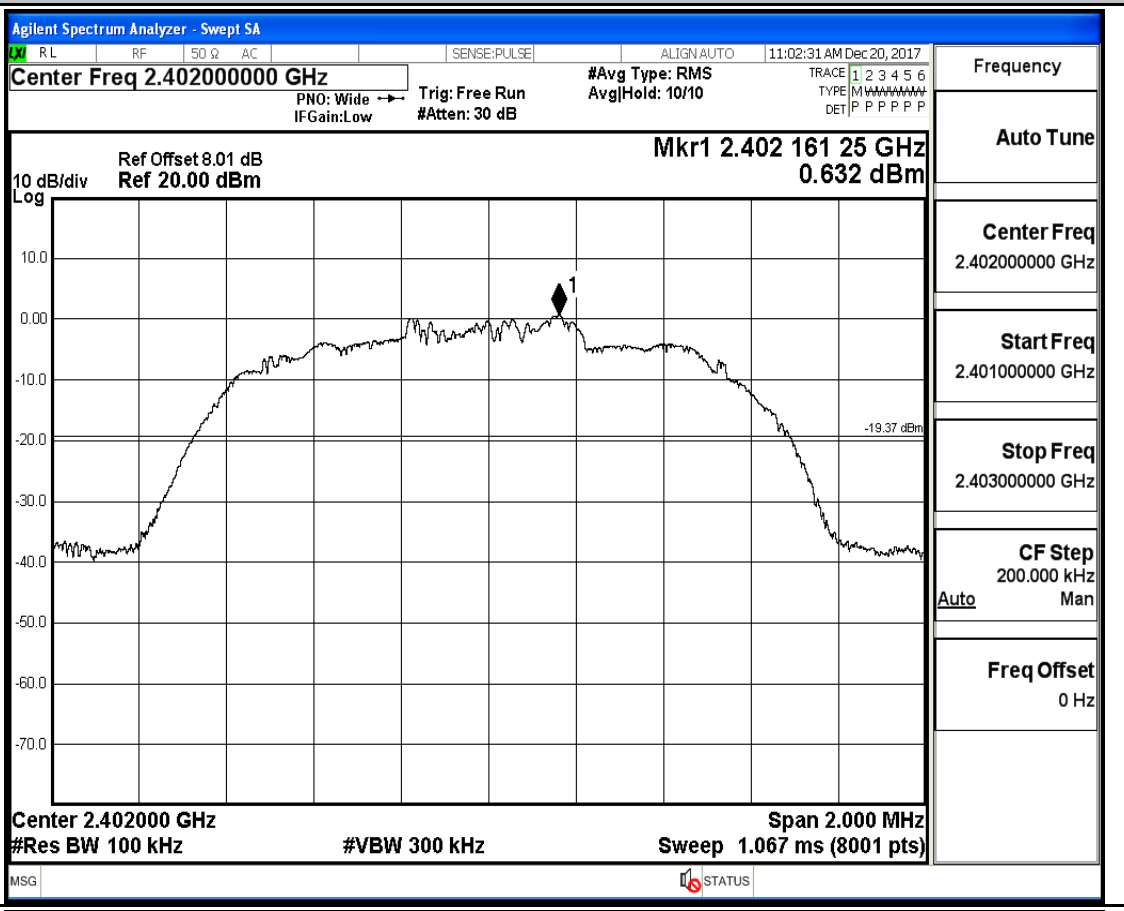


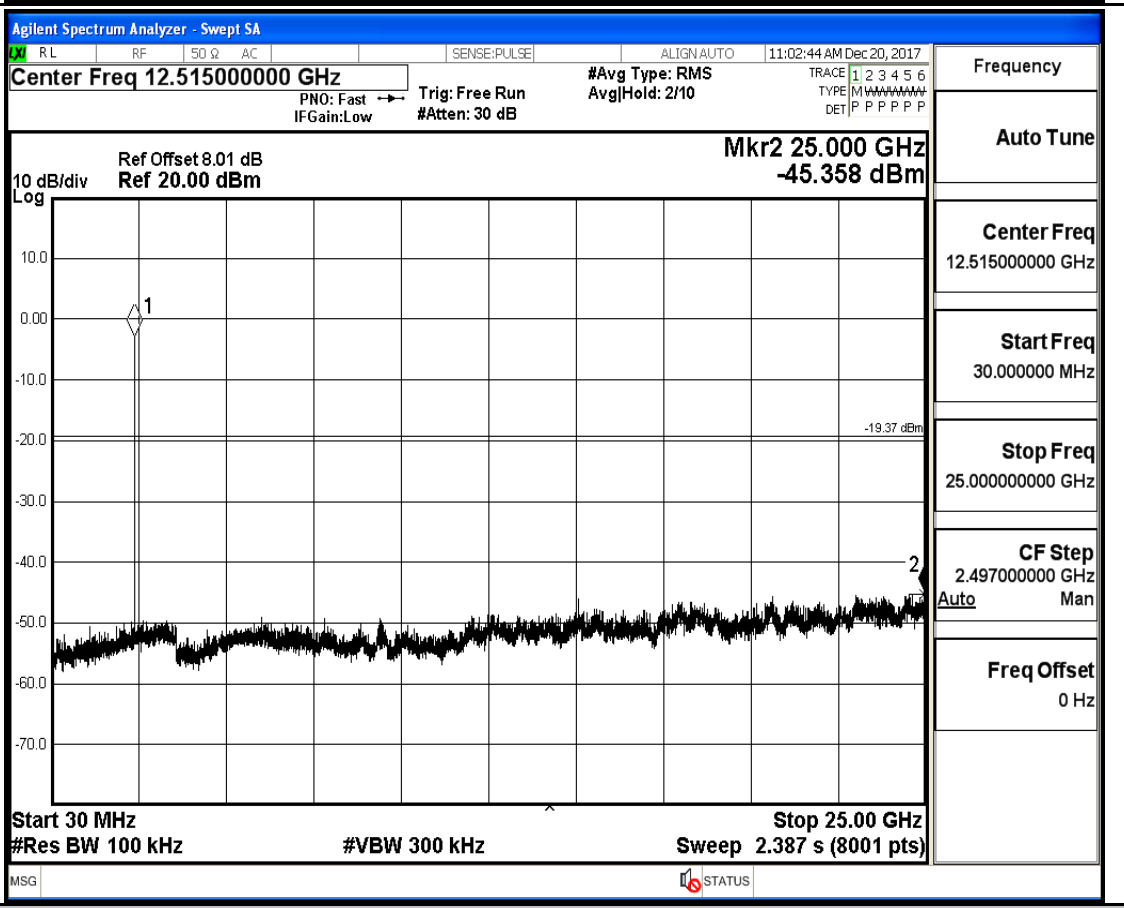
RF Conducted Spurious Emissions_2DH5_2480



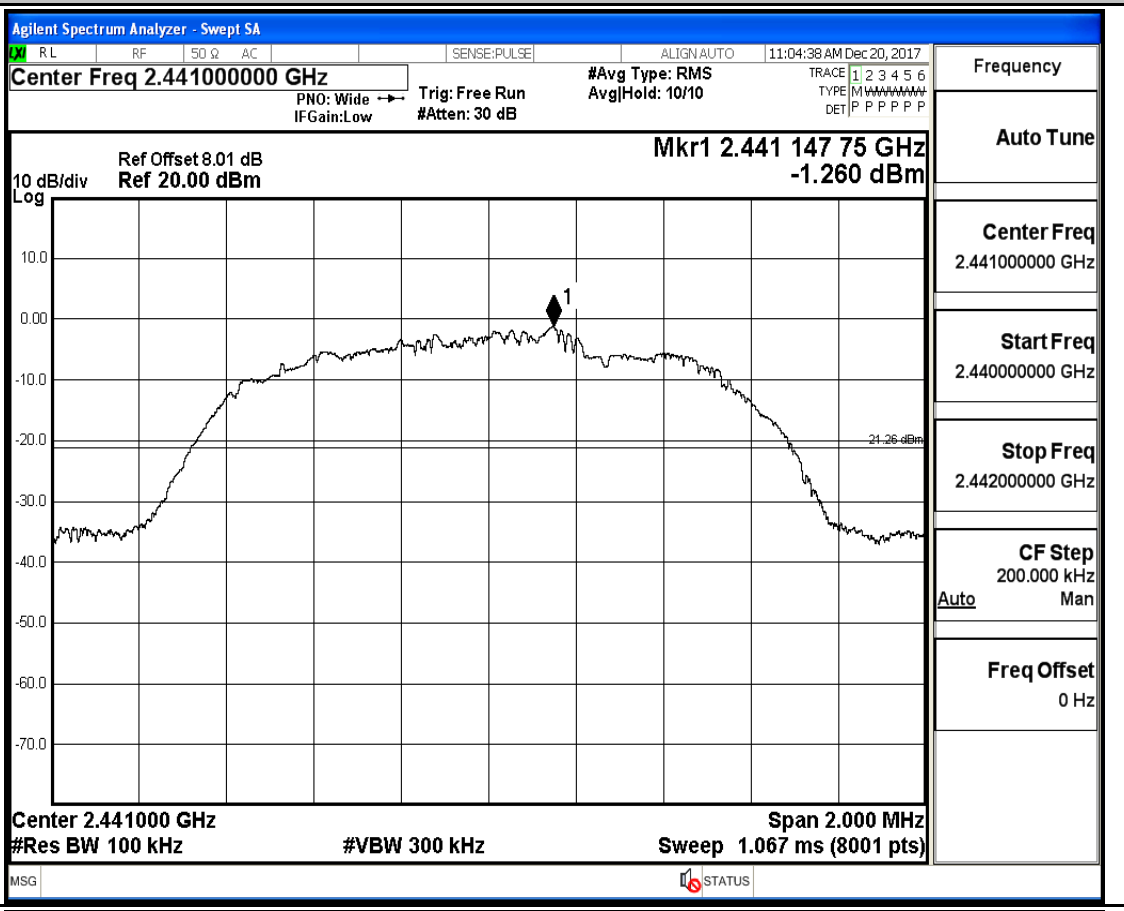


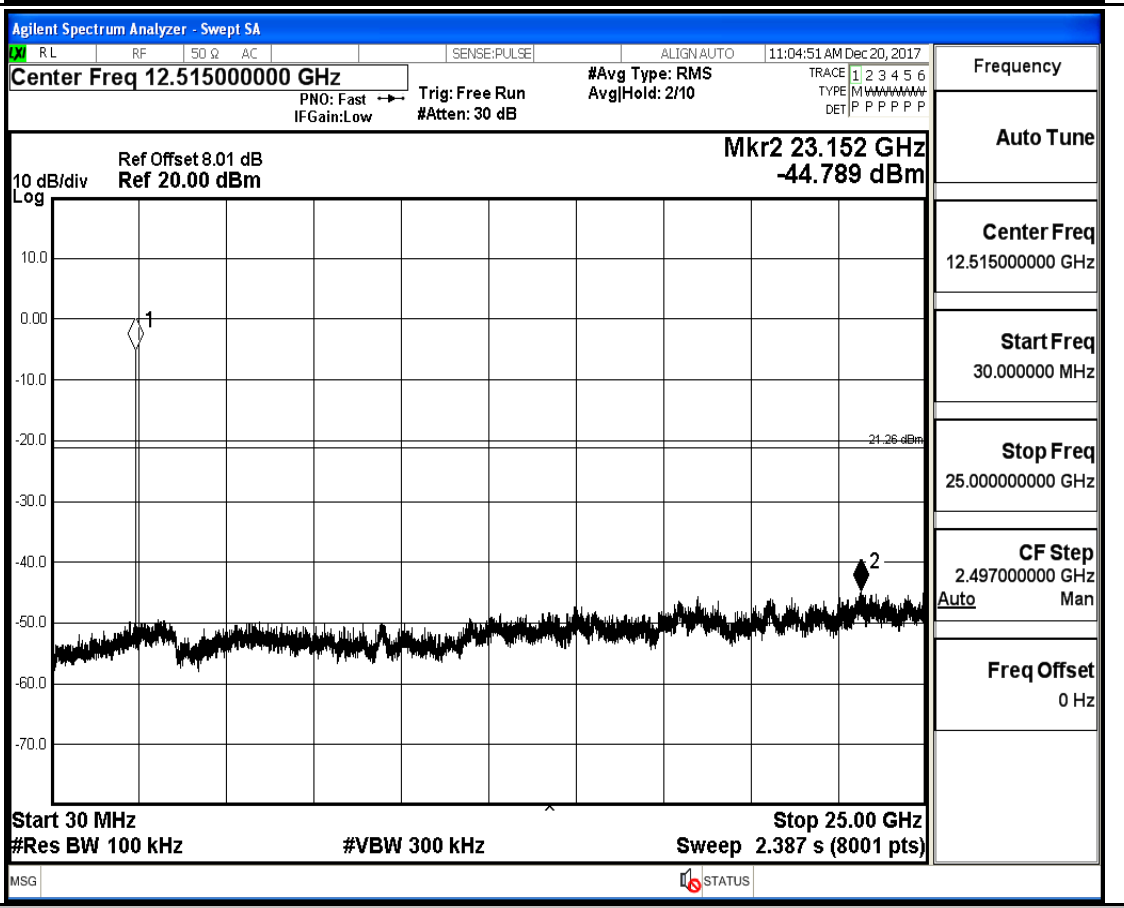
RF Conducted Spurious Emissions_3DH5_2402



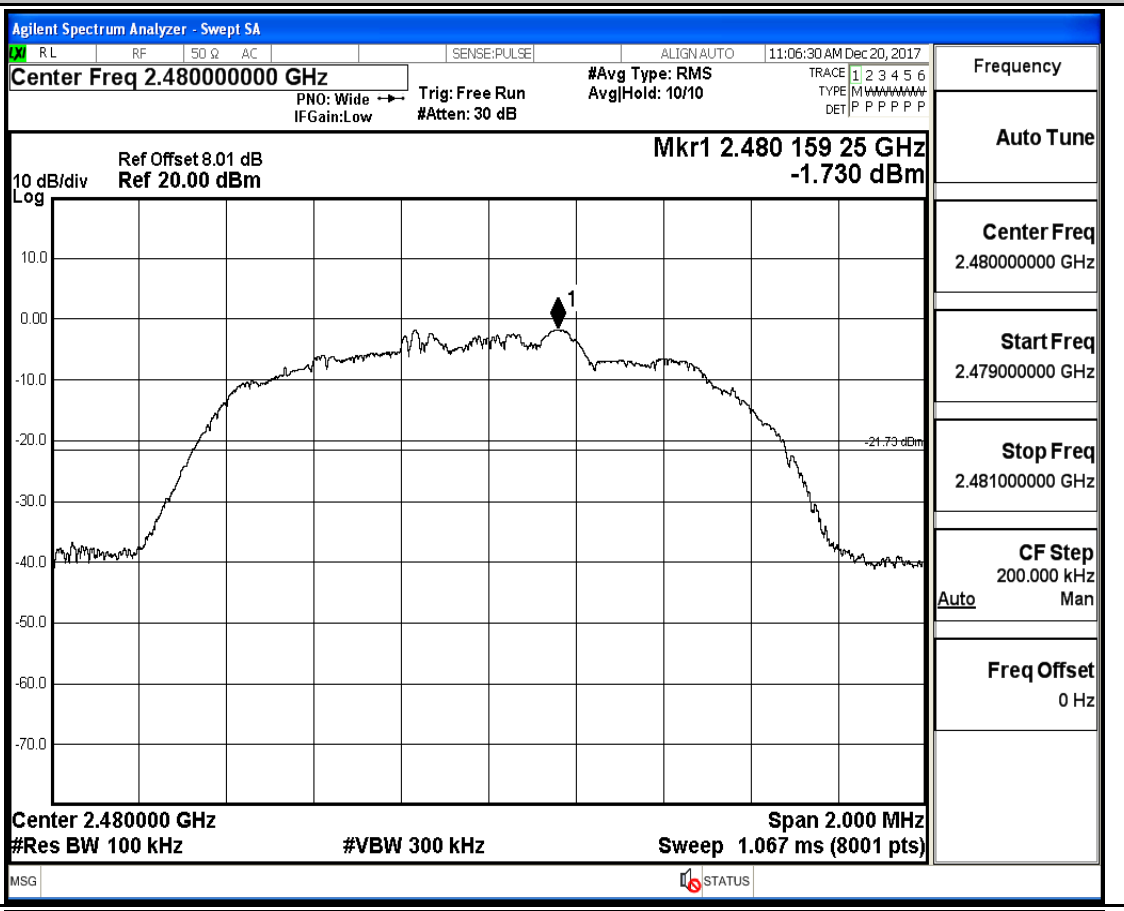


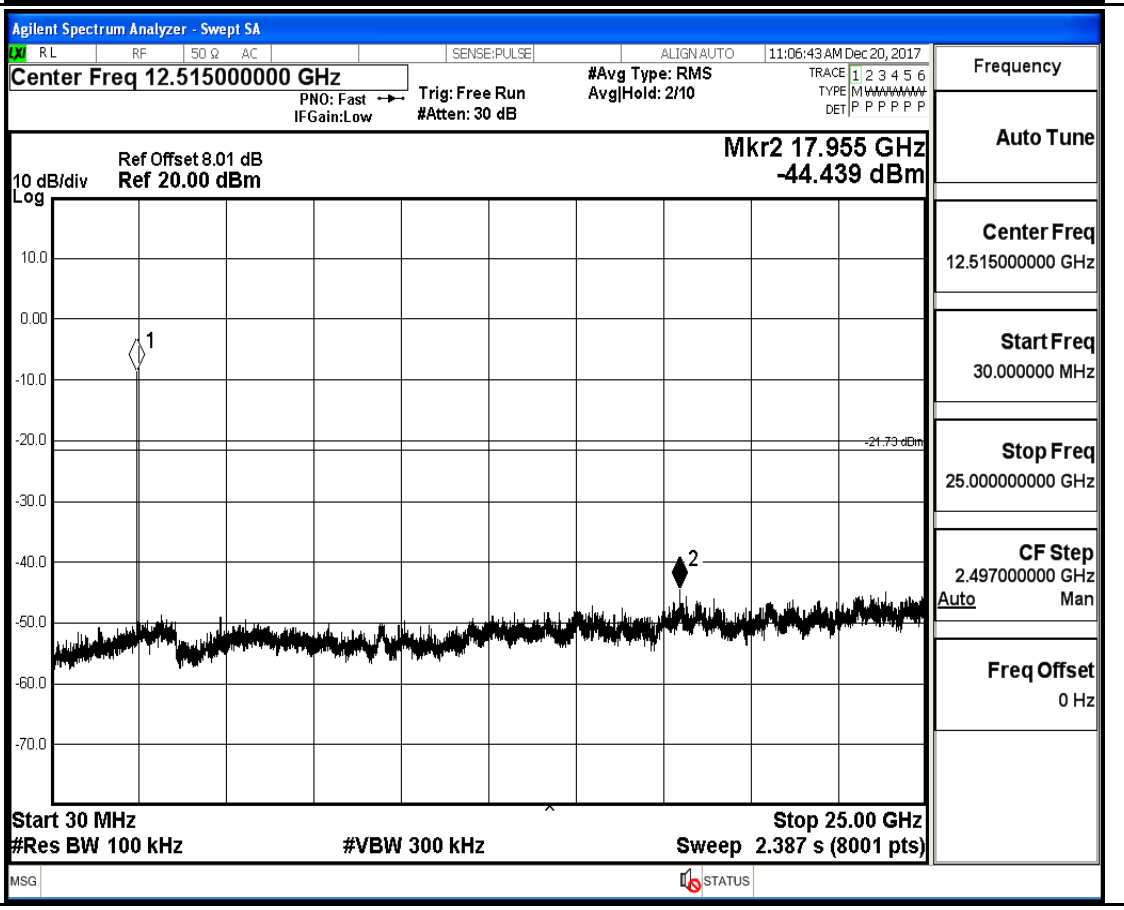
RF Conducted Spurious Emissions_3DH5_2441





RF Conducted Spurious Emissions_3DH5_2480

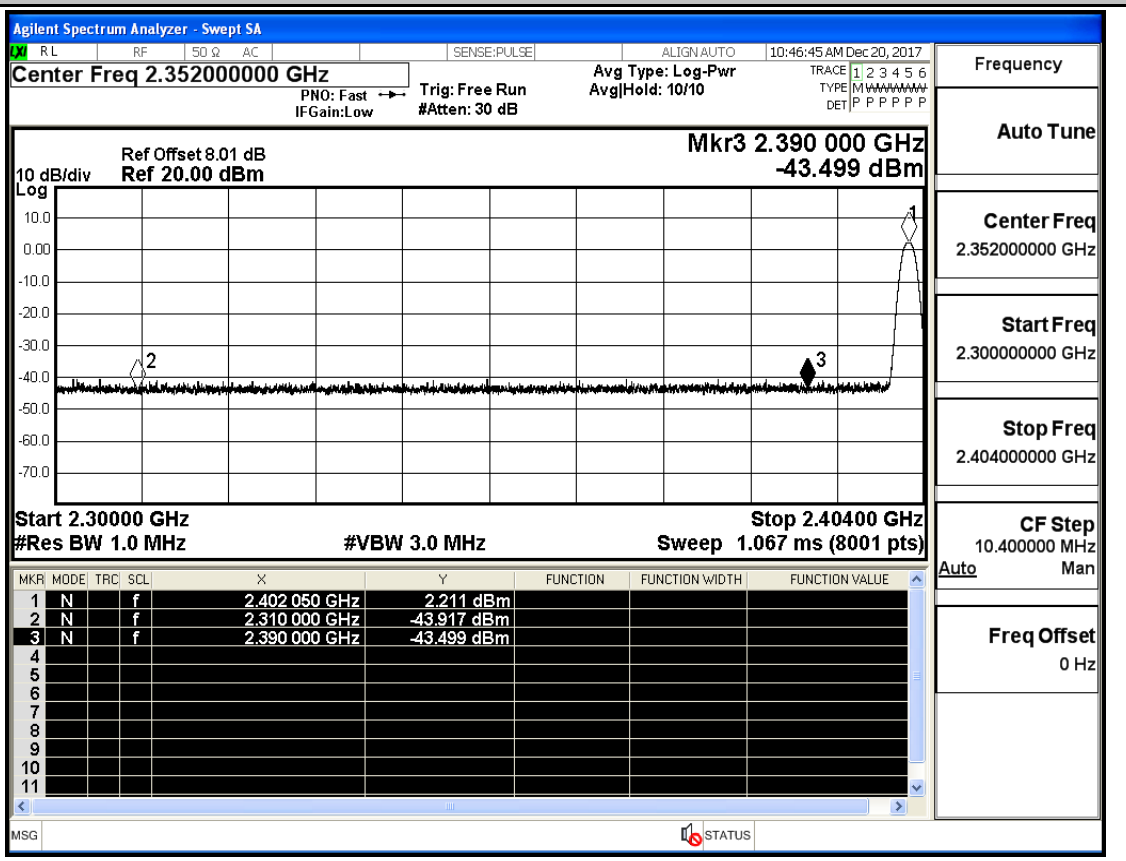




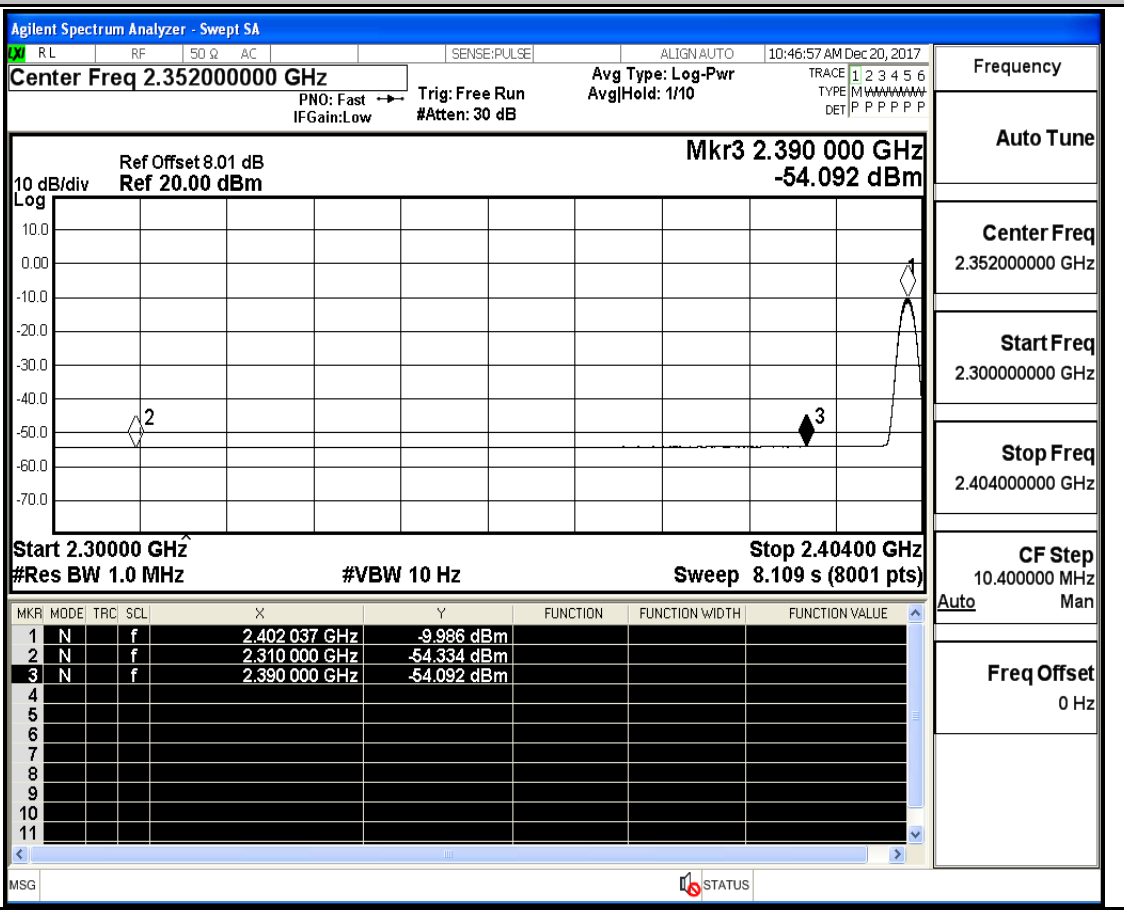
A.8.Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
DH5	On	2310.0	-43.92	3	0	54.28	PEAK	74	PASS
DH5	On	2310.0	-54.33	3	0	43.87	AV	54	PASS
DH5	On	2390.0	-43.50	3	0	54.70	PEAK	74	PASS
DH5	On	2390.0	-54.09	3	0	44.11	AV	54	PASS
DH5	On	2483.5	-44.15	3	0	54.05	PEAK	74	PASS
DH5	On	2483.5	-53.86	3	0	44.34	AV	54	PASS
DH5	On	2500.0	-43.43	3	0	54.77	PEAK	74	PASS
DH5	On	2500.0	-53.74	3	0	44.46	AV	54	PASS
2DH5	On	2310.0	-44.52	3	0	53.68	PEAK	74	PASS
2DH5	On	2310.0	-54.32	3	0	43.88	AV	54	PASS
2DH5	On	2390.0	-44.74	3	0	53.46	PEAK	74	PASS
2DH5	On	2390.0	-54.05	3	0	44.15	AV	54	PASS
2DH5	On	2483.5	-42.82	3	0	55.38	PEAK	74	PASS
2DH5	On	2483.5	-53.80	3	0	44.40	AV	54	PASS
2DH5	On	2500.0	-42.38	3	0	55.82	PEAK	74	PASS
2DH5	On	2500.0	-53.73	3	0	44.47	AV	54	PASS
3DH5	On	2310.0	-43.19	3	0	55.01	PEAK	74	PASS
3DH5	On	2310.0	-54.34	3	0	43.86	AV	54	PASS
3DH5	On	2390.0	-43.90	3	0	54.30	PEAK	74	PASS
3DH5	On	2390.0	-54.08	3	0	44.12	AV	54	PASS
3DH5	On	2483.5	-43.27	3	0	54.93	PEAK	74	PASS
3DH5	On	2483.5	-53.80	3	0	44.40	AV	54	PASS
3DH5	On	2500.0	-43.79	3	0	54.41	PEAK	74	PASS
3DH5	On	2500.0	-53.72	3	0	44.48	AV	54	PASS

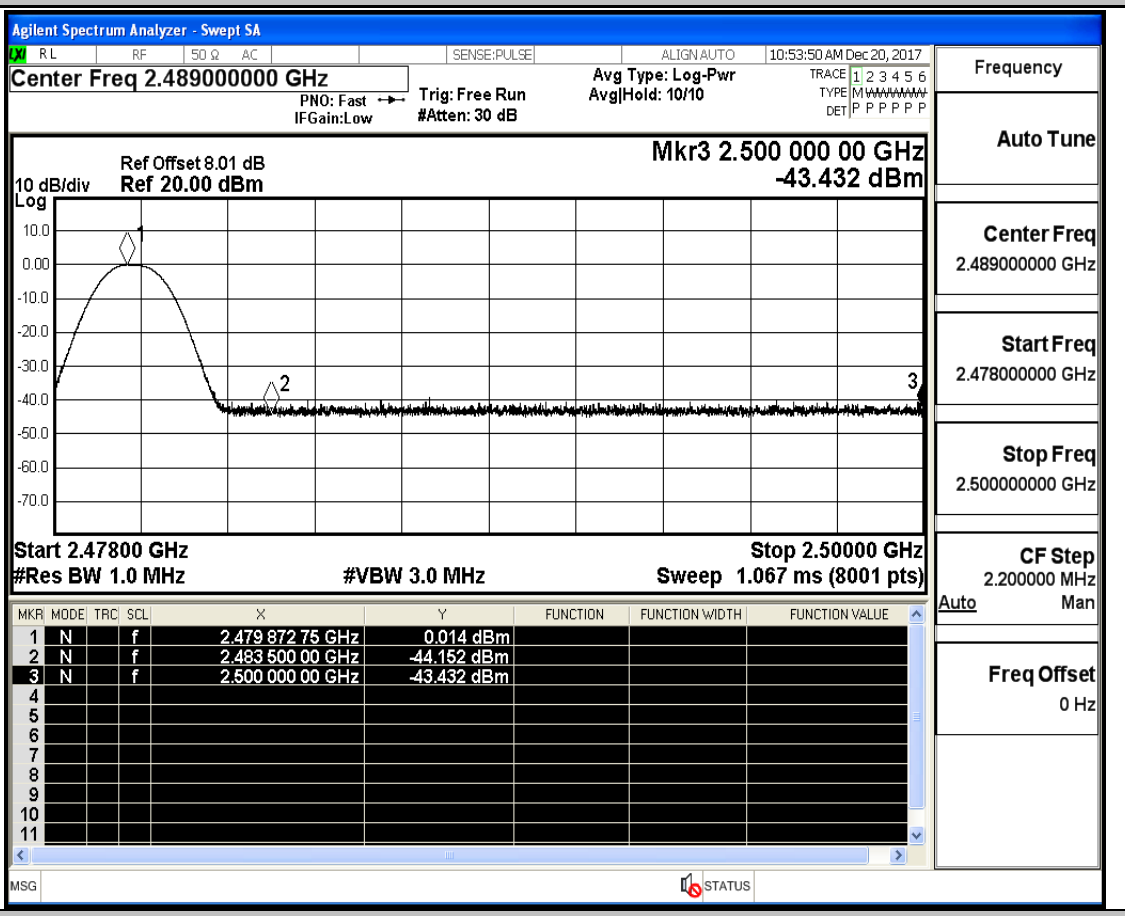
Restrict-band band-edge measurements_2402_PEAK



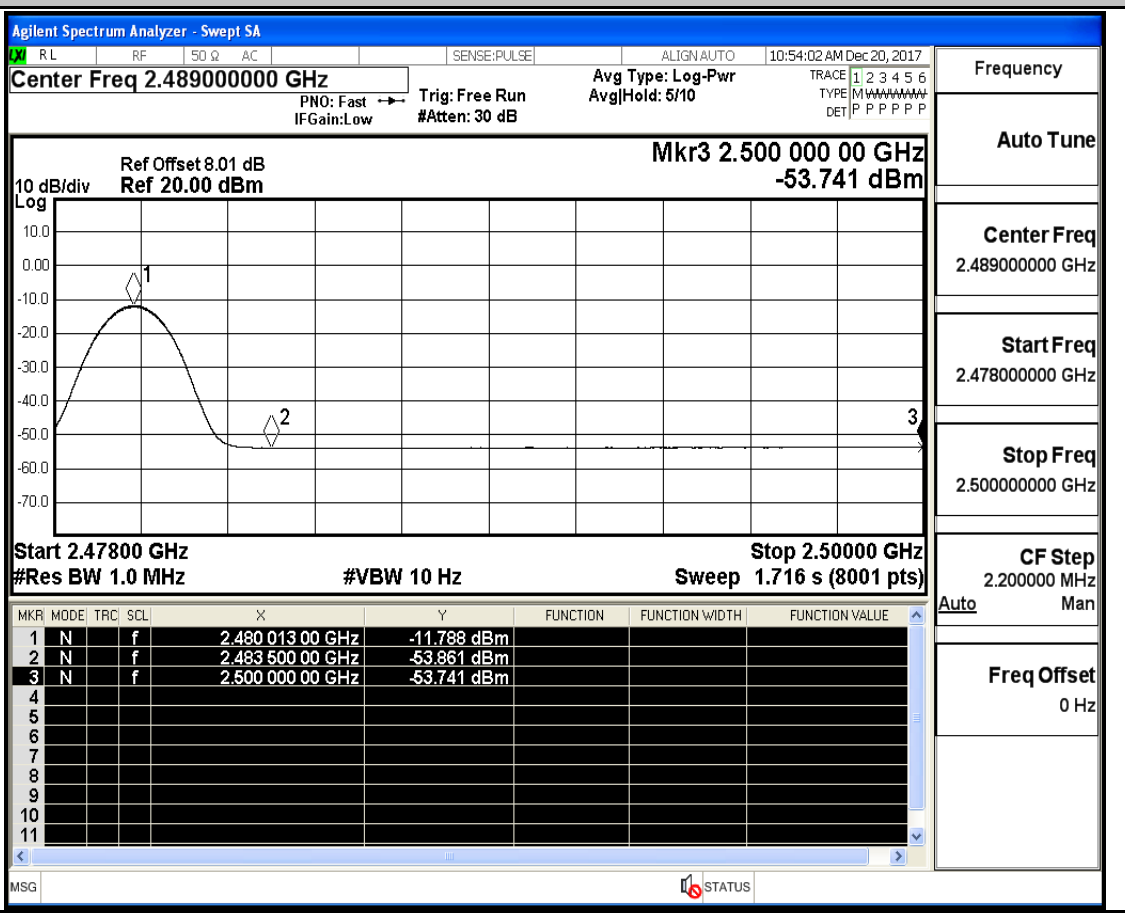
Restrict-band band-edge measurements_2402_AV



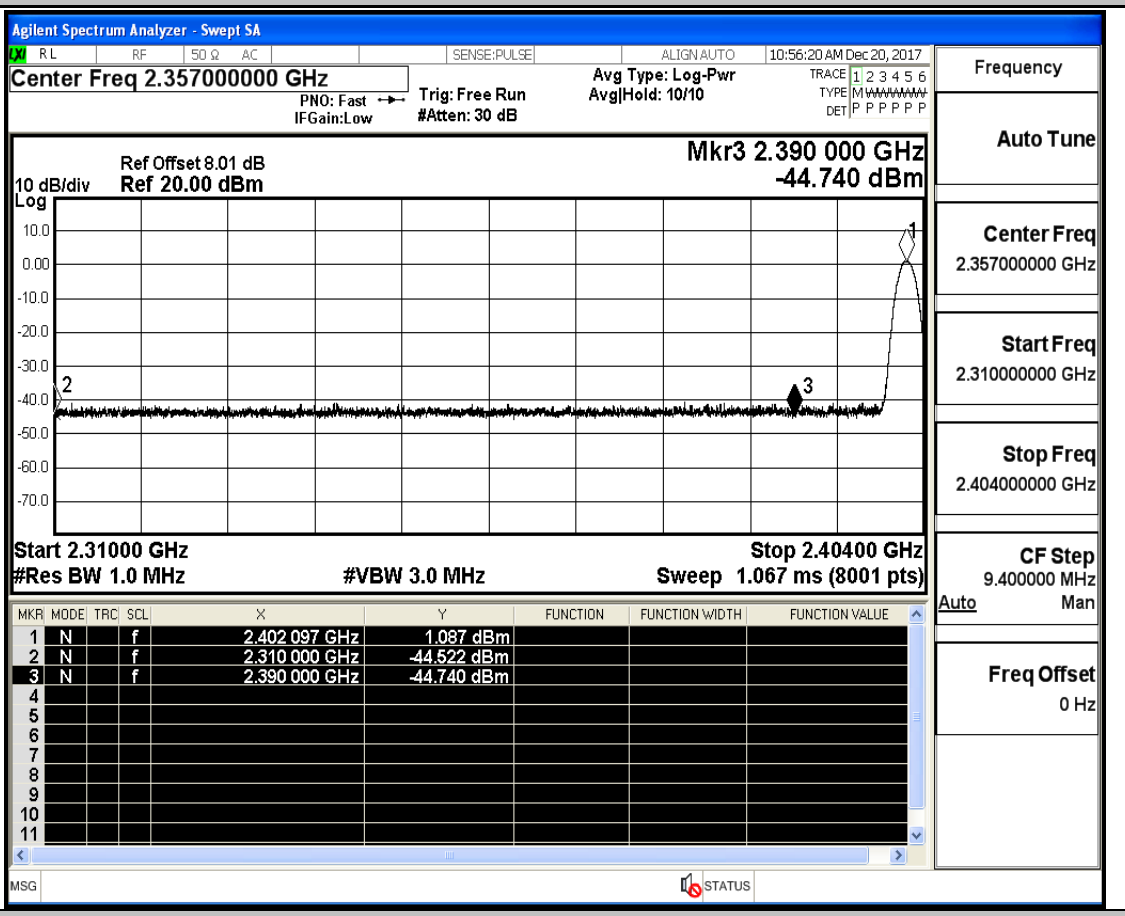
Restrict-band band-edge measurements_2480_PEAK



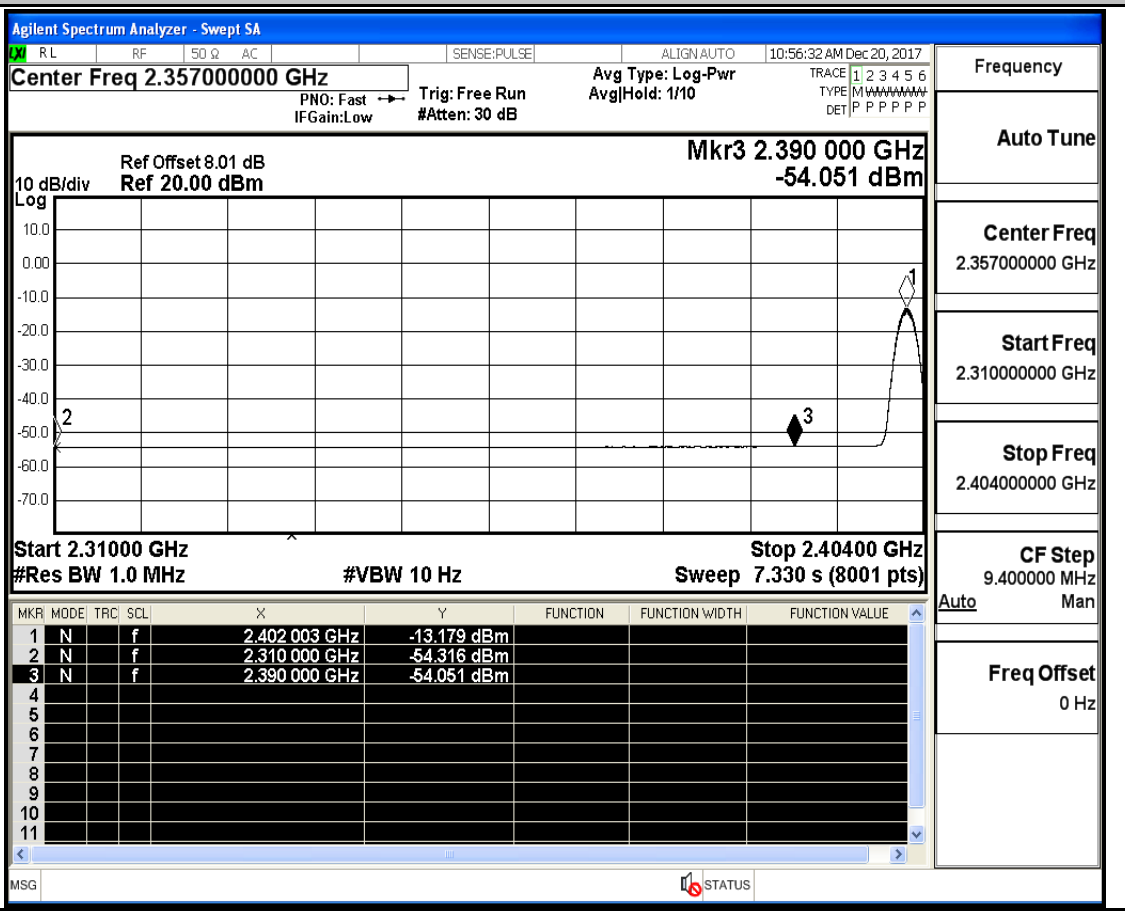
Restrict-band band-edge measurements_2480_AV



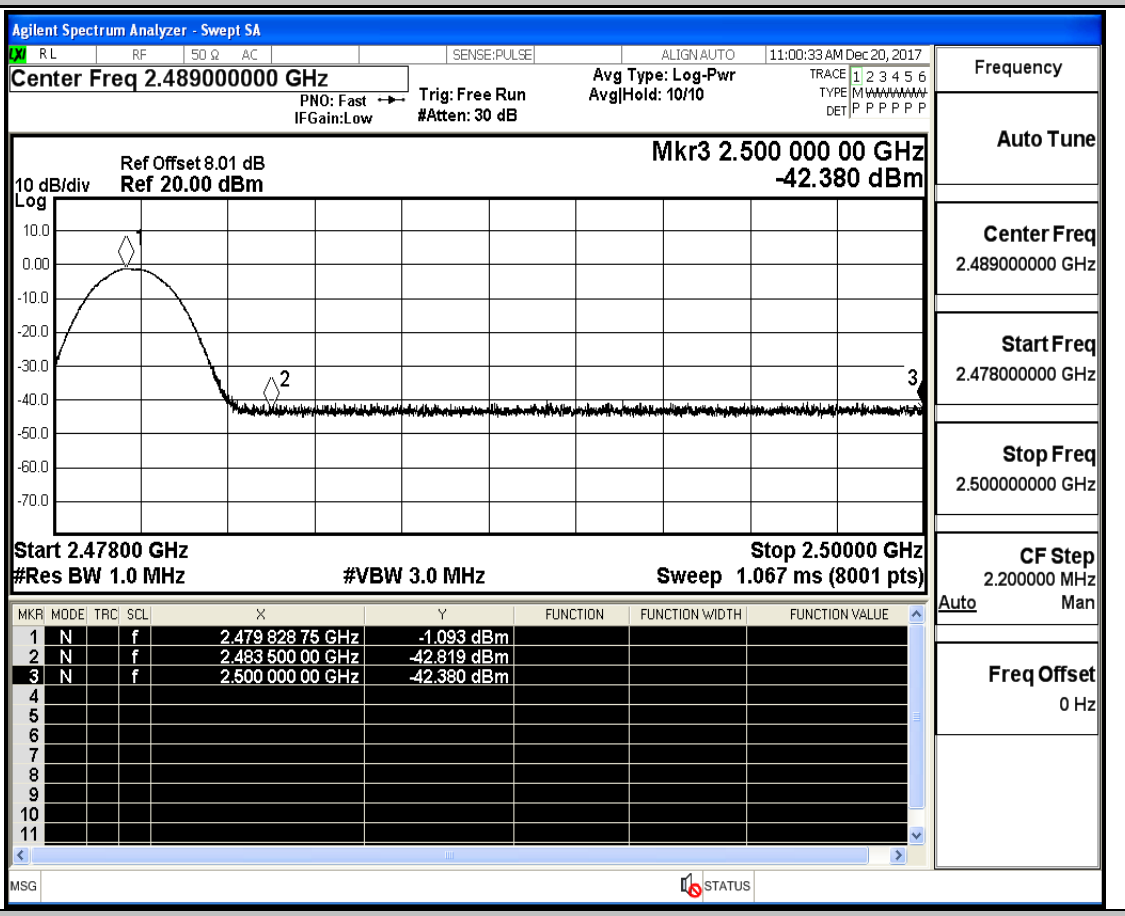
Restrict-band band-edge measurements_2402_PEAK



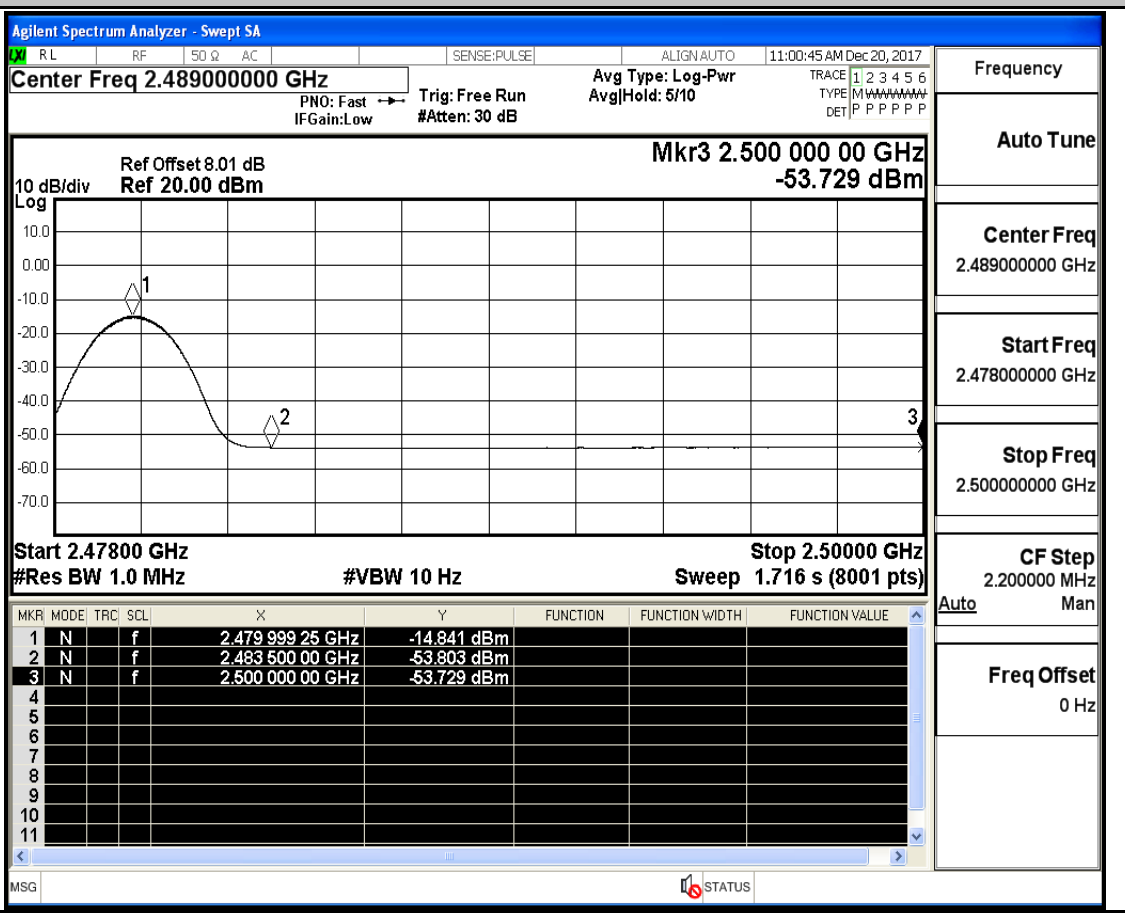
Restrict-band band-edge measurements_2402_AV



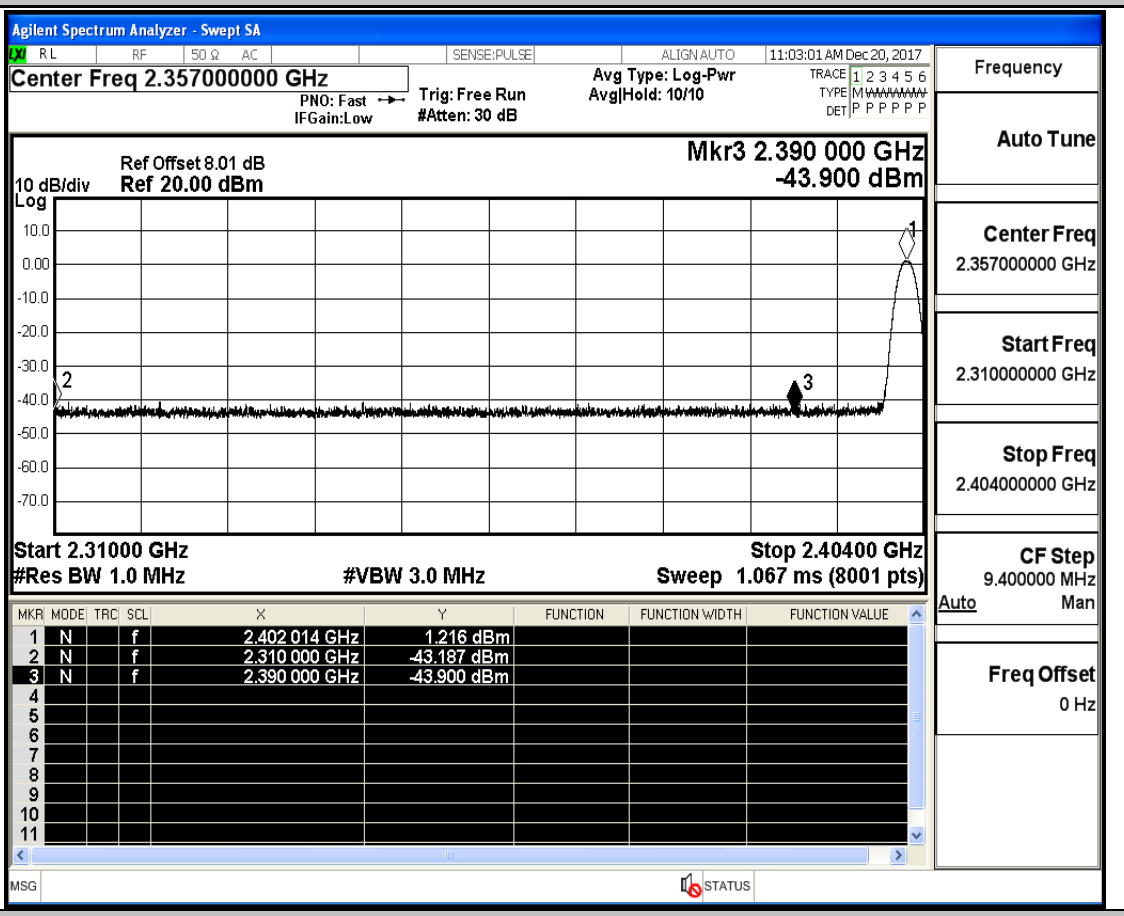
Restrict-band band-edge measurements_2480_PEAK



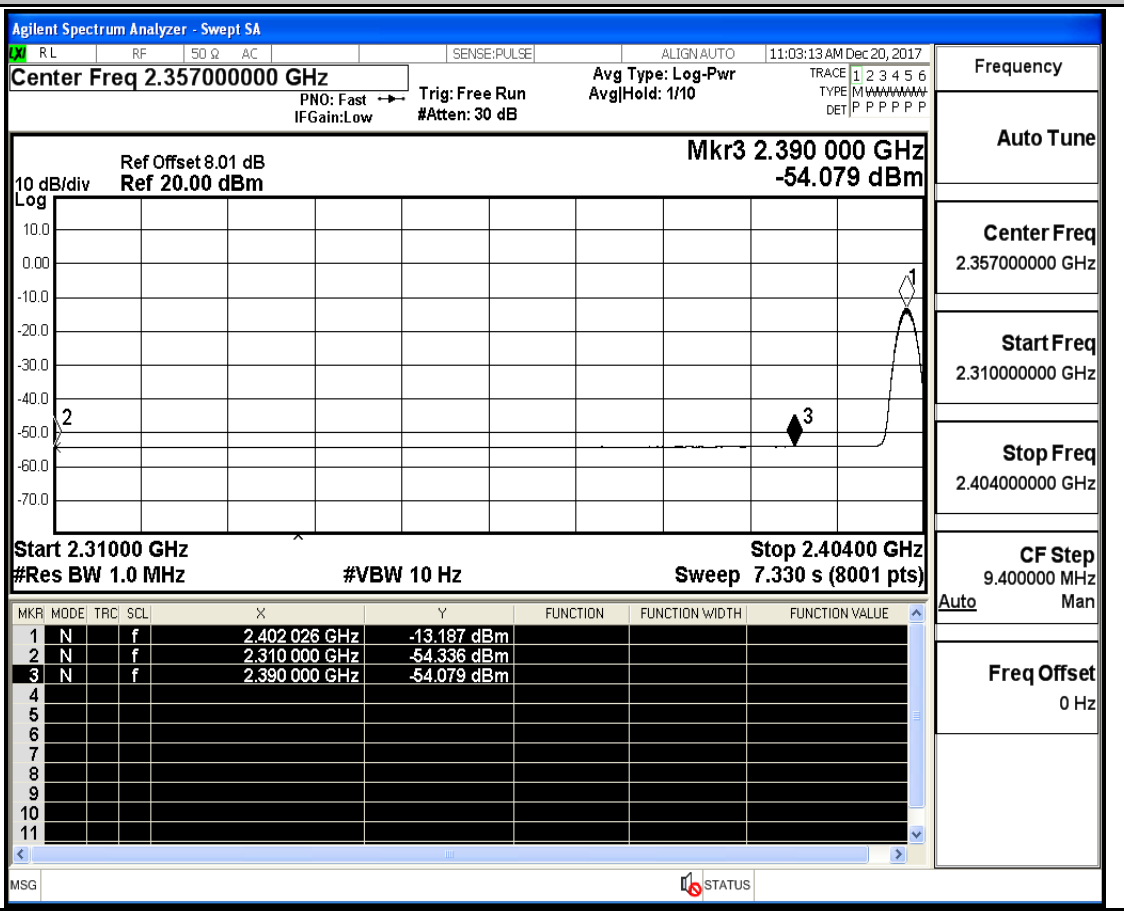
Restrict-band band-edge measurements_2480_AV



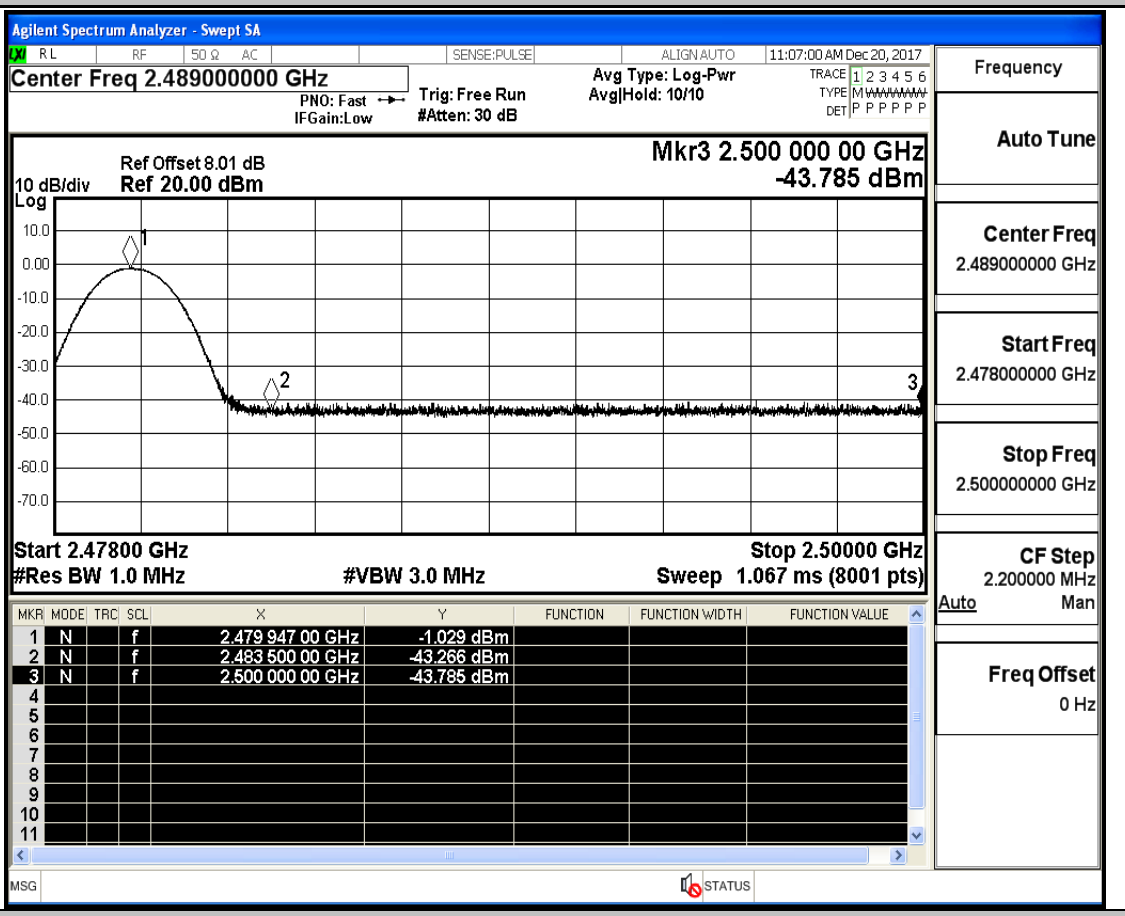
Restrict-band band-edge measurements_2402_PEAK



Restrict-band band-edge measurements_2402_AV



Restrict-band band-edge measurements_2480_PEAK



Restrict-band band-edge measurements_2480_AV