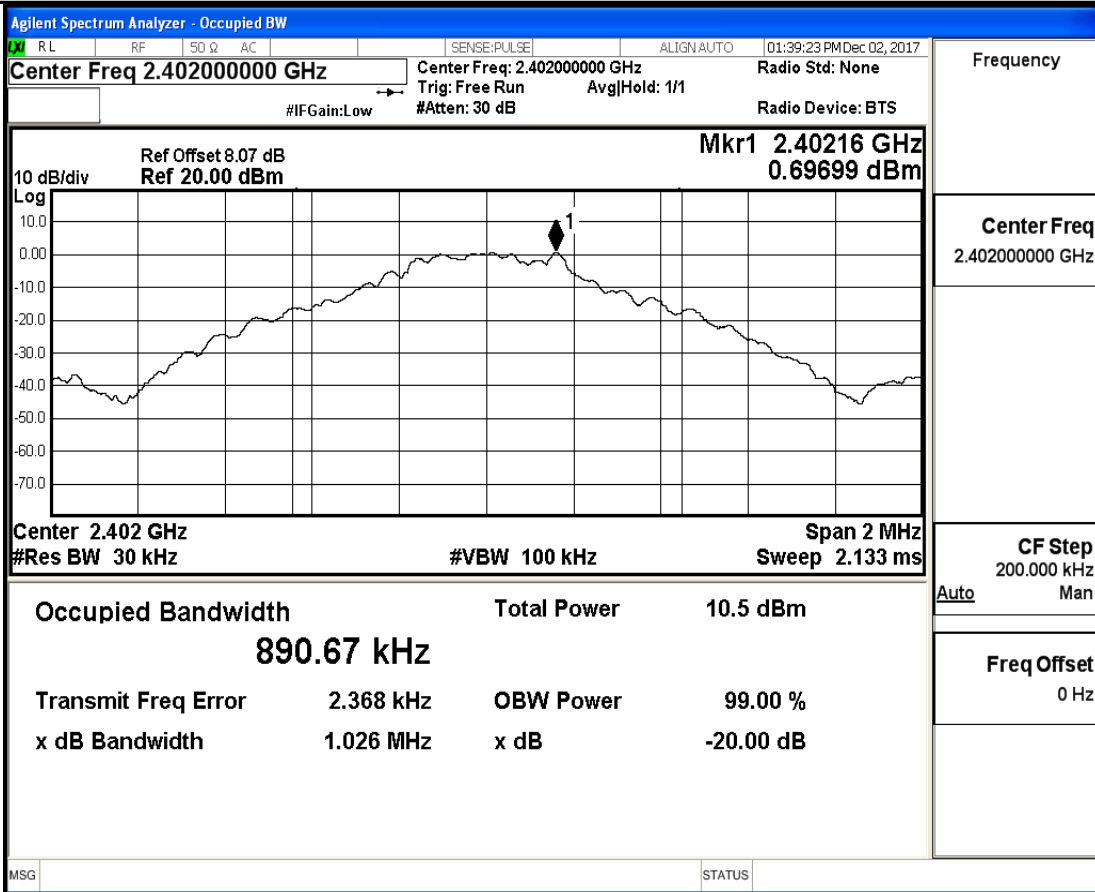


Appendix A RF Test Data for BT V4.2

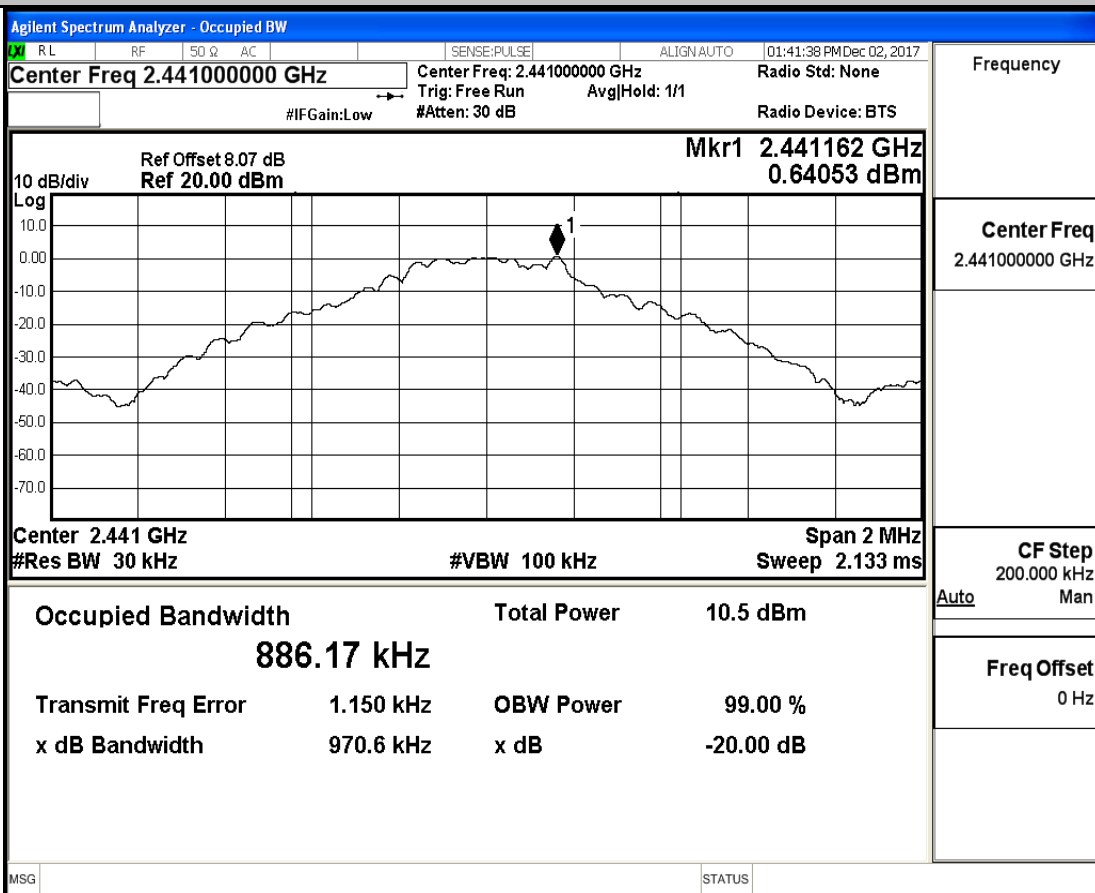
A.1.20 dB Bandwidth

Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
DH5	2402	1.026	---	PASS
DH5	2441	0.9706	---	PASS
DH5	2480	1.030	---	PASS
2DH5	2402	1.289	---	PASS
2DH5	2441	1.293	---	PASS
2DH5	2480	1.312	---	PASS
3DH5	2402	1.294	---	PASS
3DH5	2441	1.297	---	PASS
3DH5	2480	1.299	---	PASS

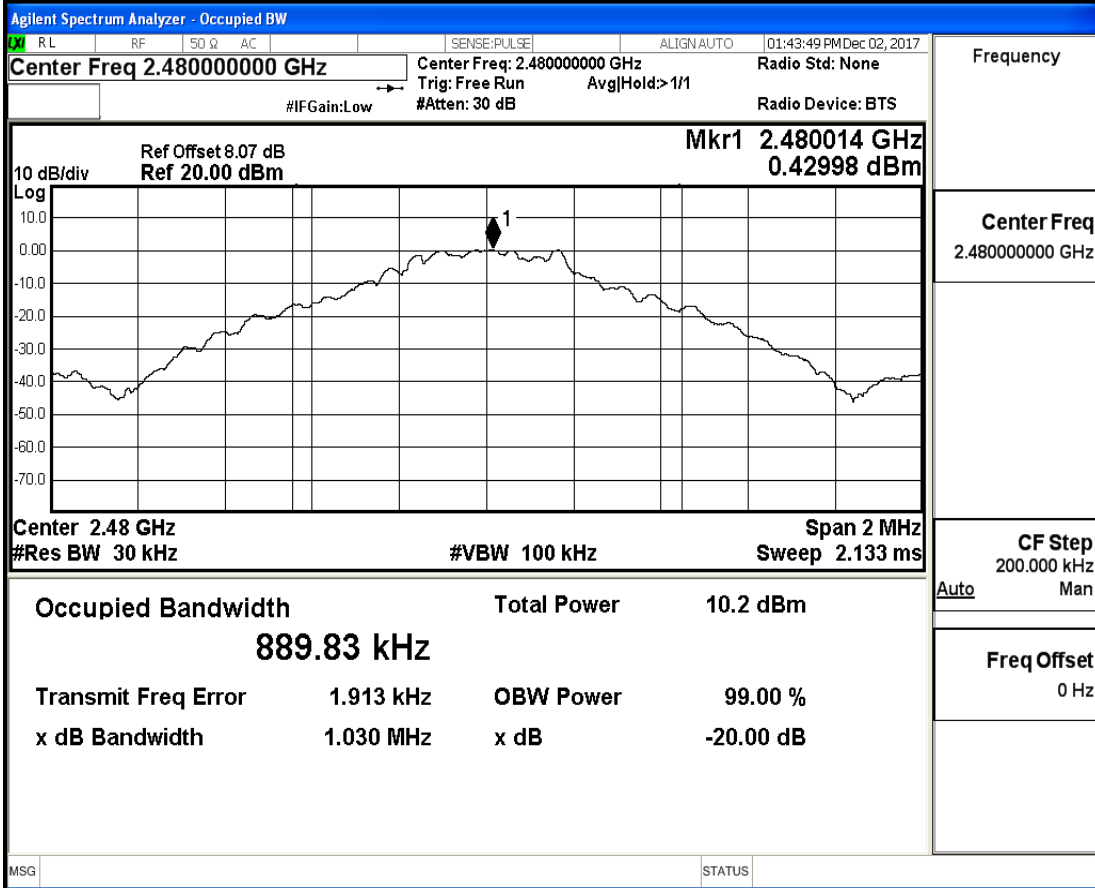
20 dB Bandwidth_DH5_2402



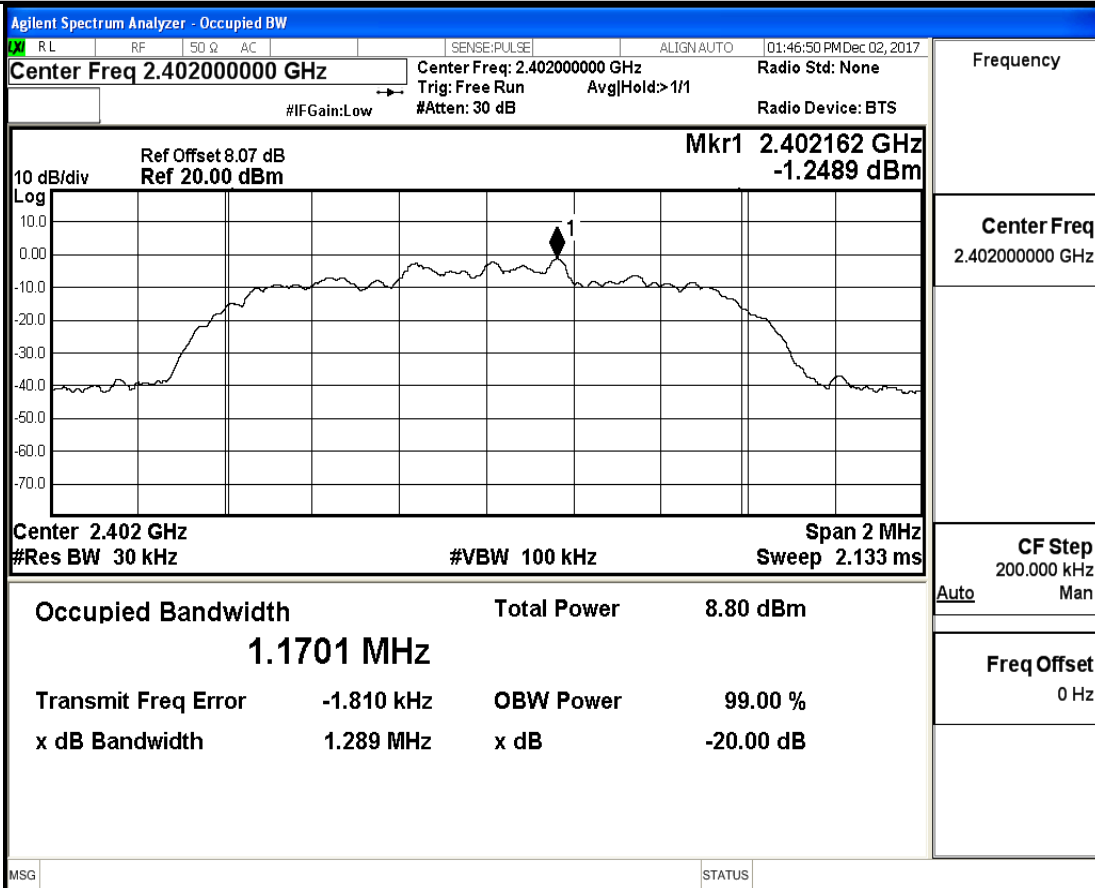
20 dB Bandwidth_DH5_2441



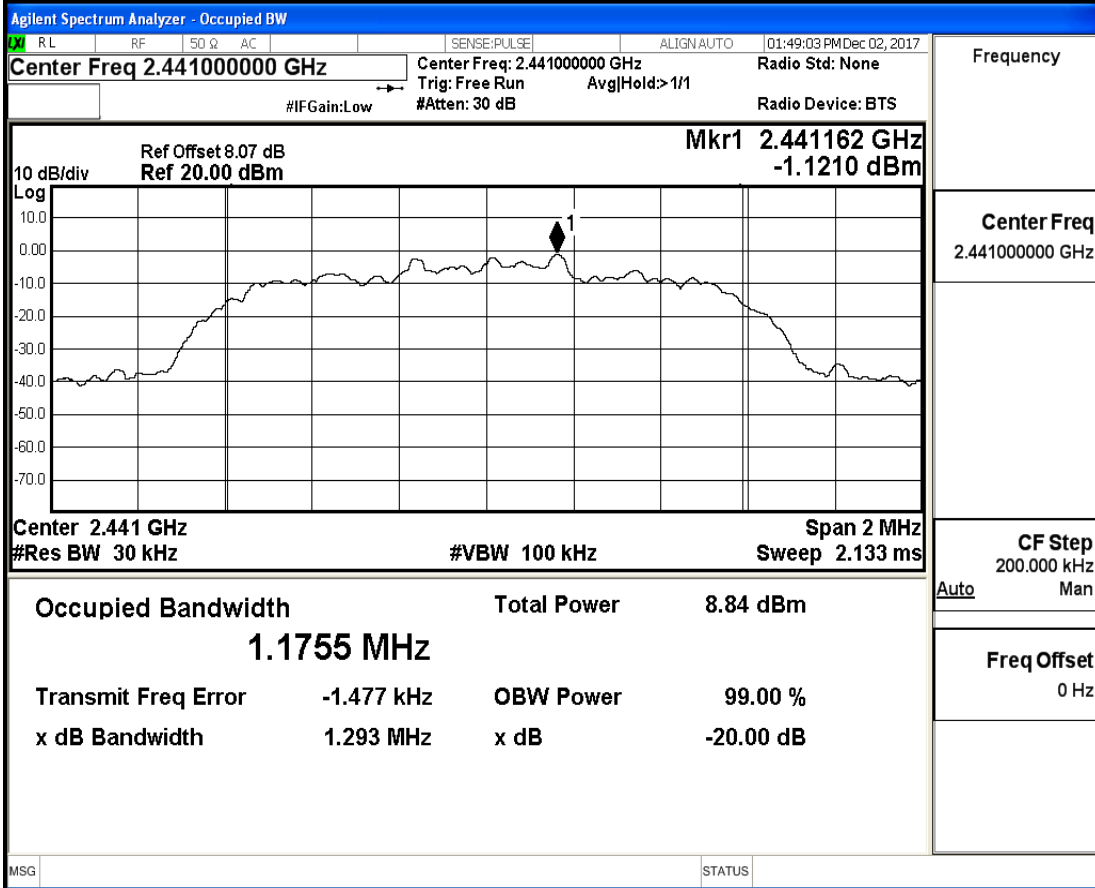
20 dB Bandwidth_DH5_2480



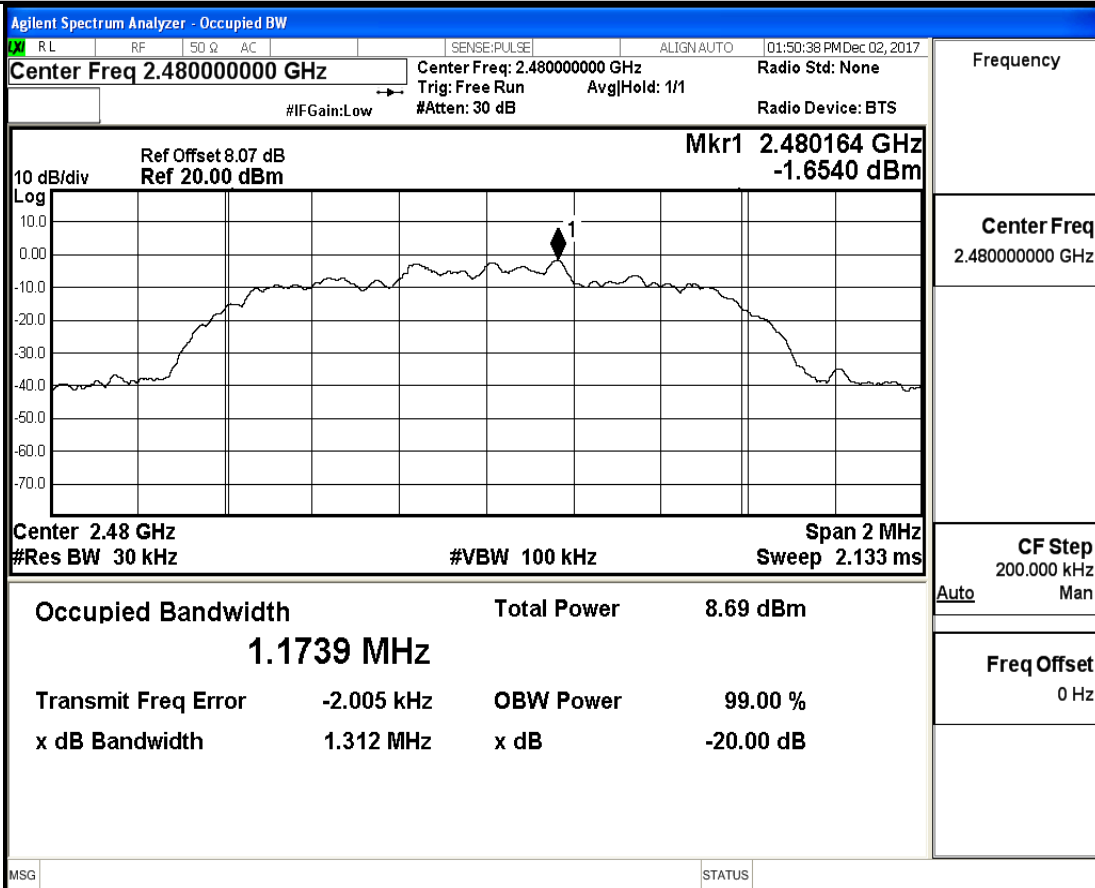
20 dB Bandwidth_2DH5_2402



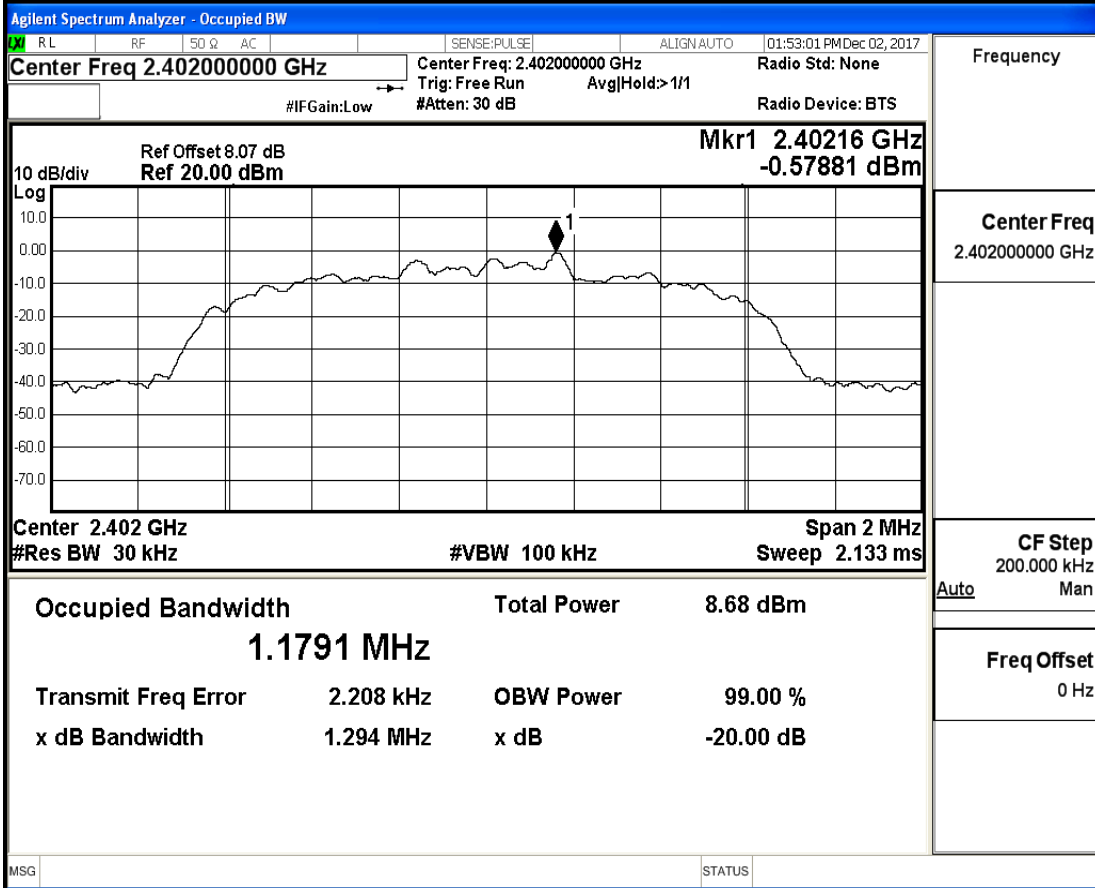
20 dB Bandwidth_2DH5_2441



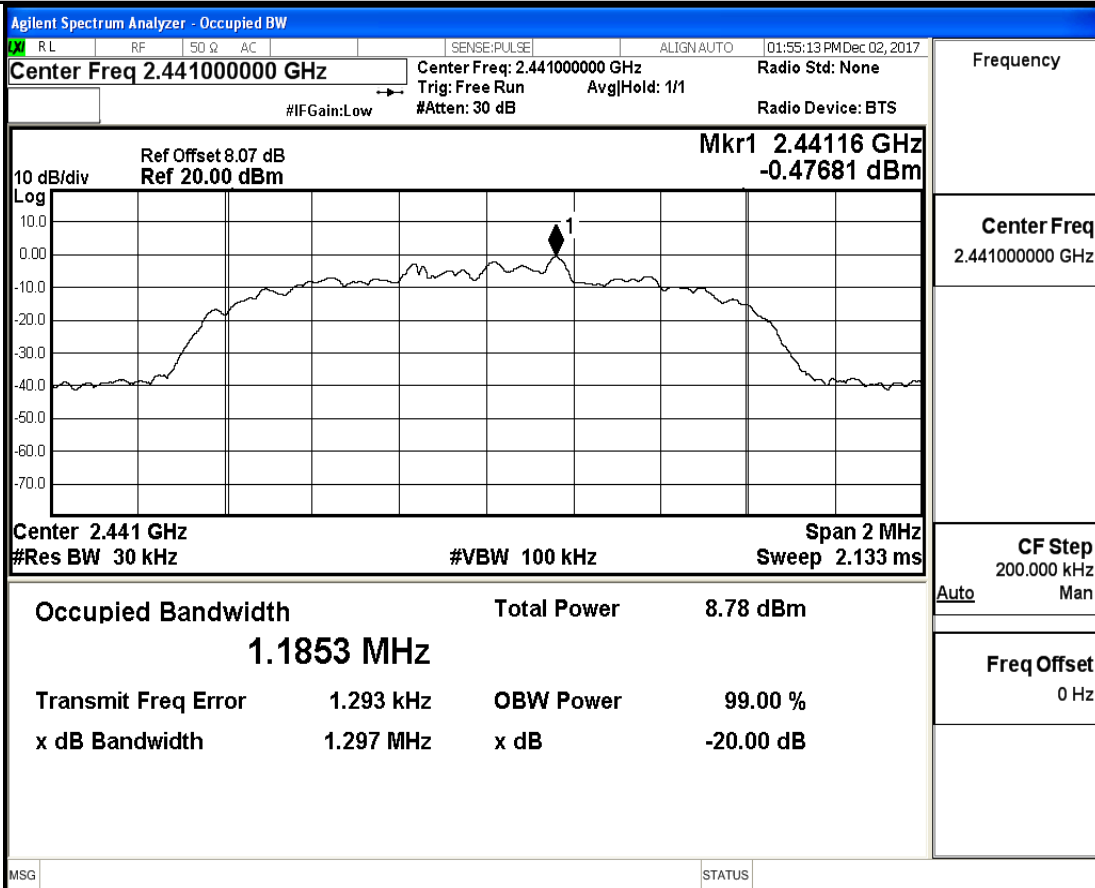
20 dB Bandwidth_2DH5_2480



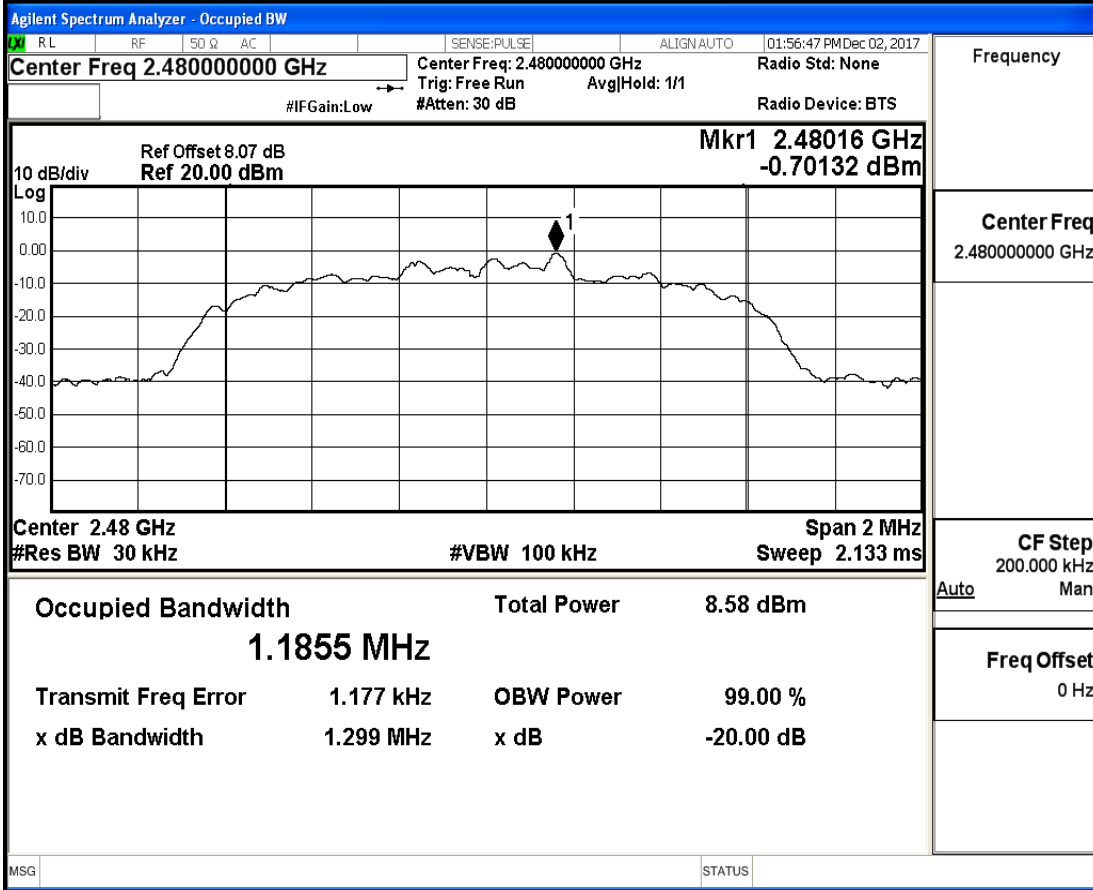
20 dB Bandwidth_3DH5_2402



20 dB Bandwidth_3DH5_2441



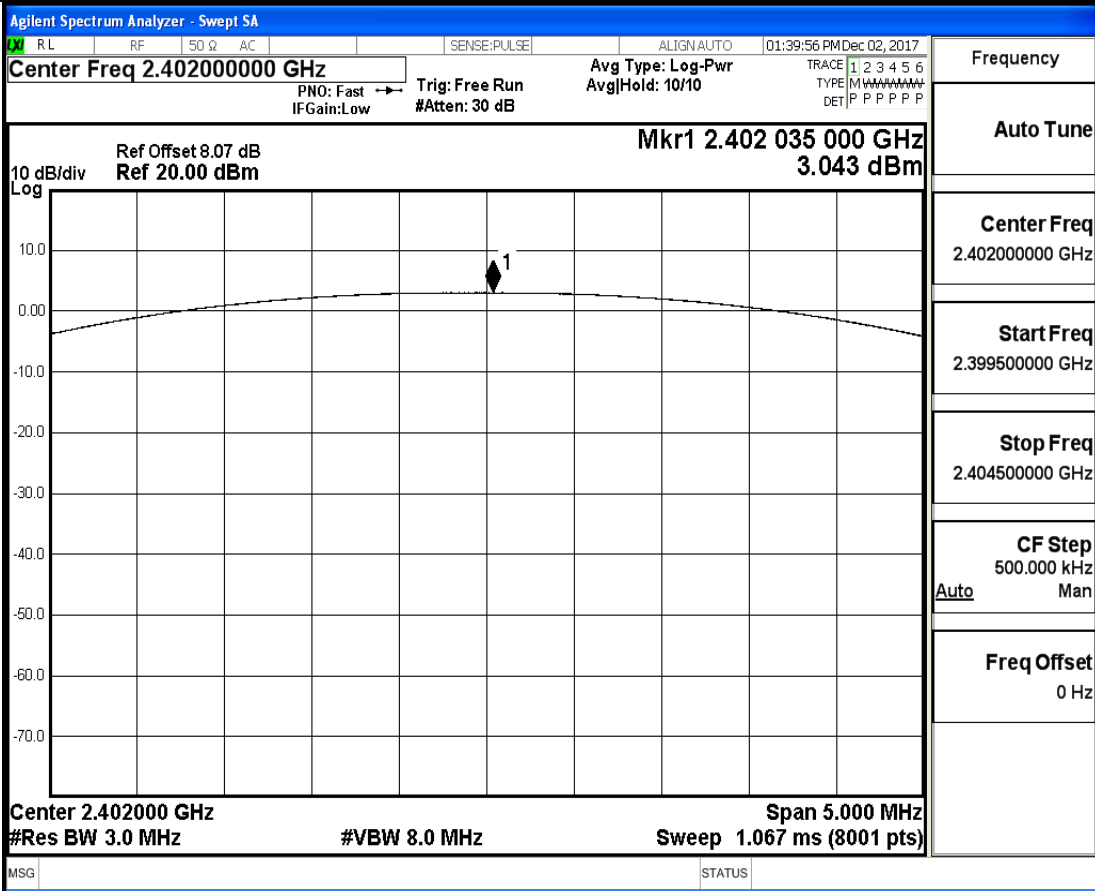
20 dB Bandwidth_3DH5_2480



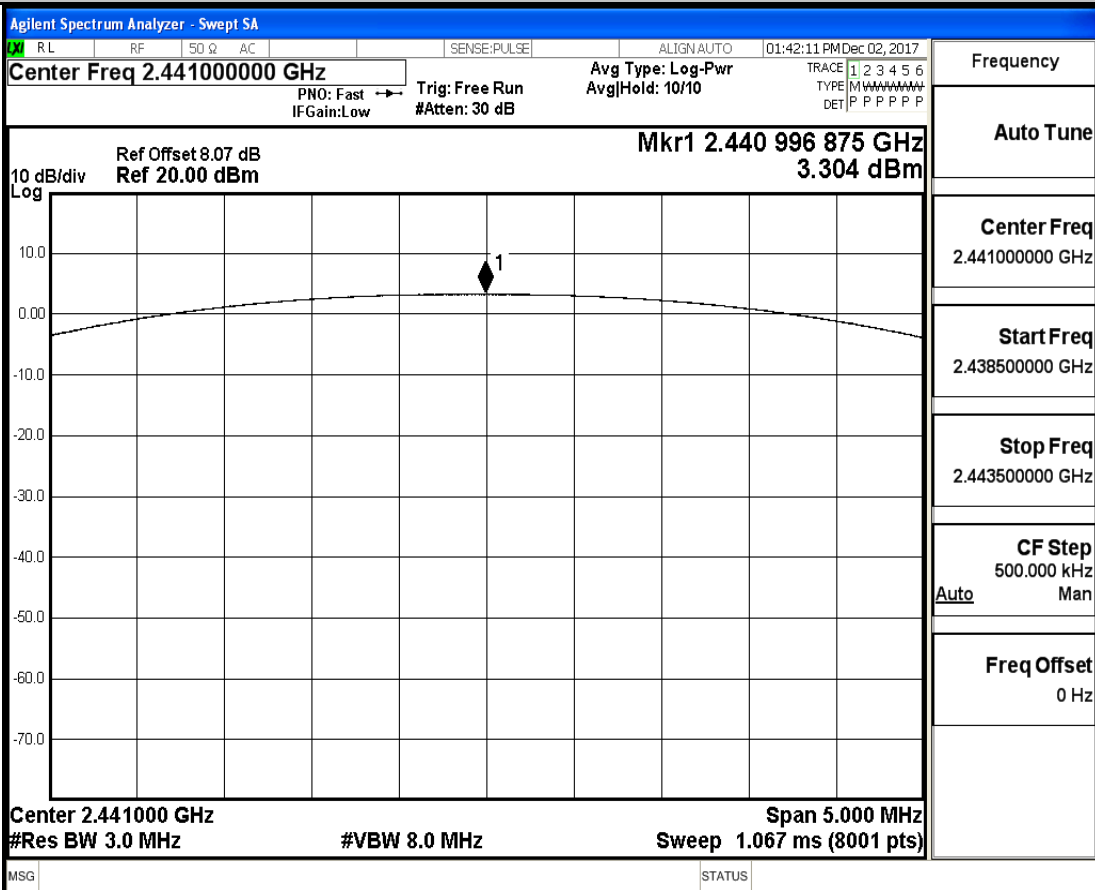
A.2. Conducted Peak Output Power

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
DH5	2402	3.043	21	PASS
DH5	2441	3.304	21	PASS
DH5	2480	2.987	21	PASS
2DH5	2402	2.517	21	PASS
2DH5	2441	2.563	21	PASS
2DH5	2480	2.247	21	PASS
3DH5	2402	2.675	21	PASS
3DH5	2441	2.697	21	PASS
3DH5	2480	2.394	21	PASS

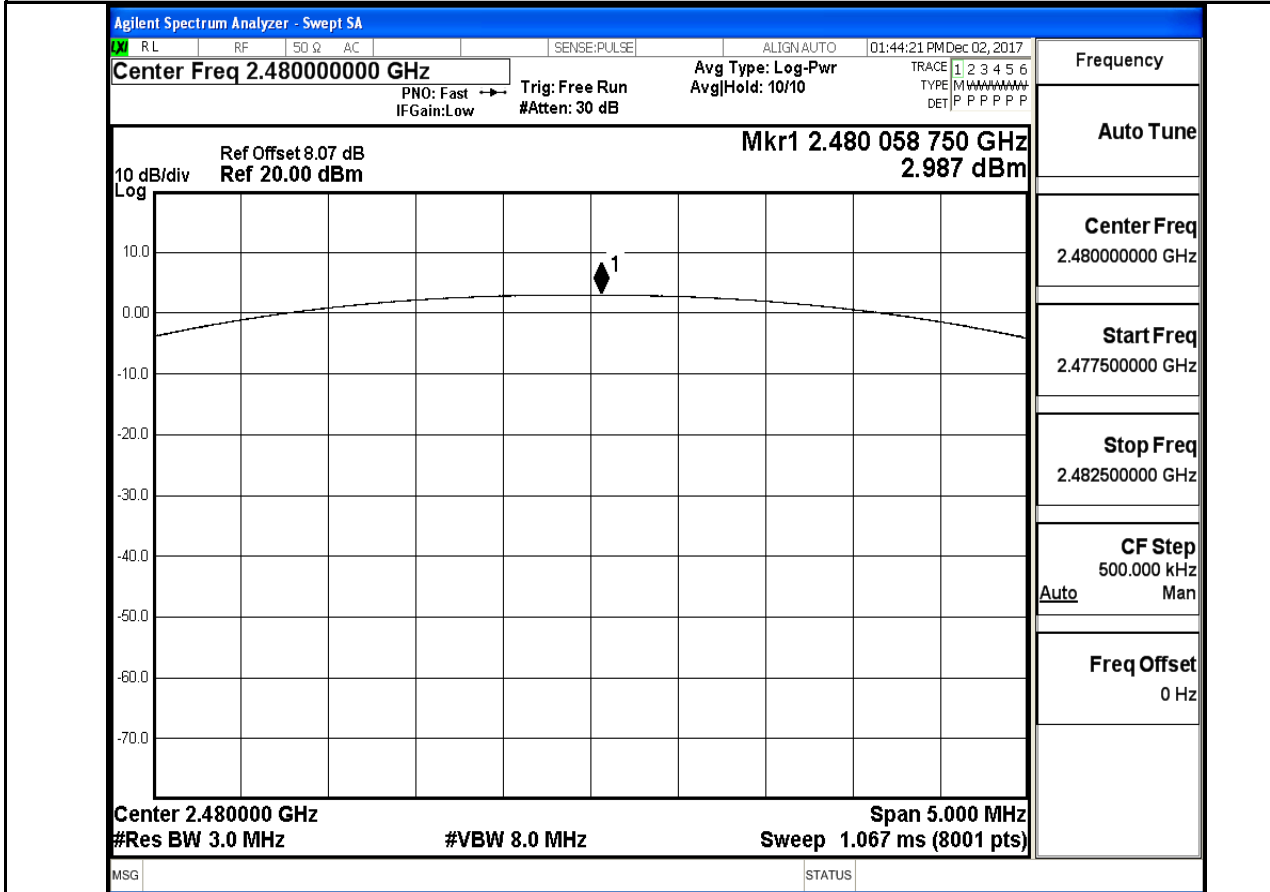
Conducted Peak Output Power_DH5_2402



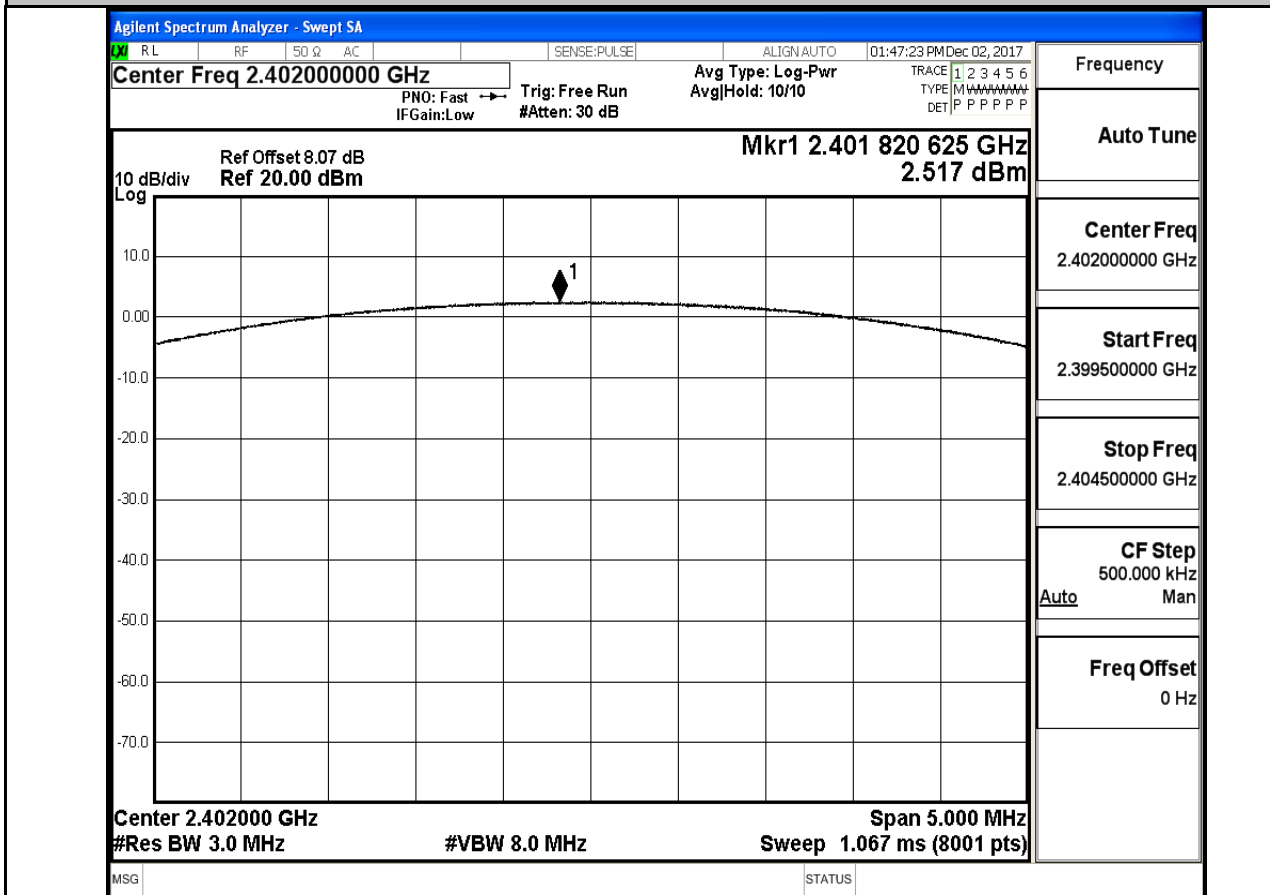
Conducted Peak Output Power_DH5_2441



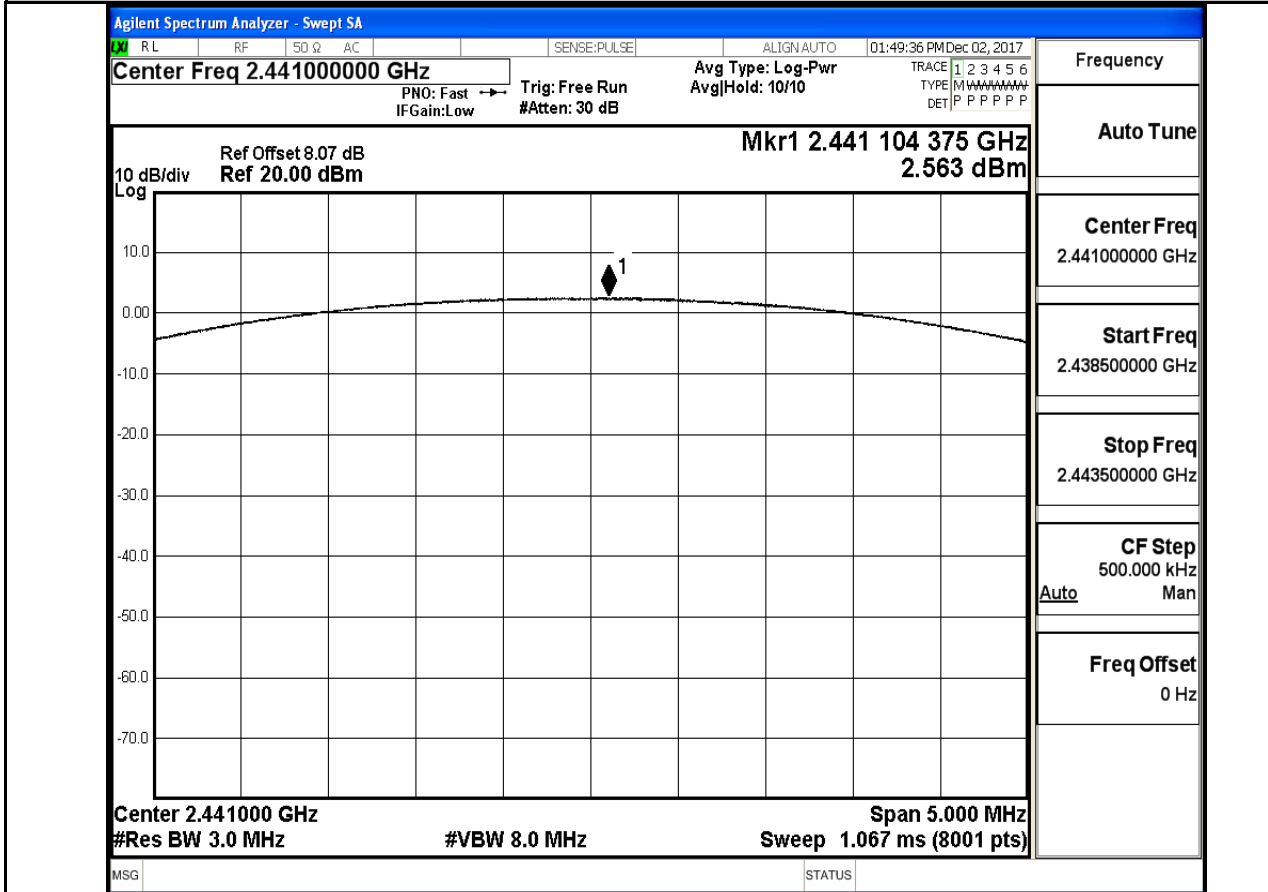
Conducted Peak Output Power_DH5_2480



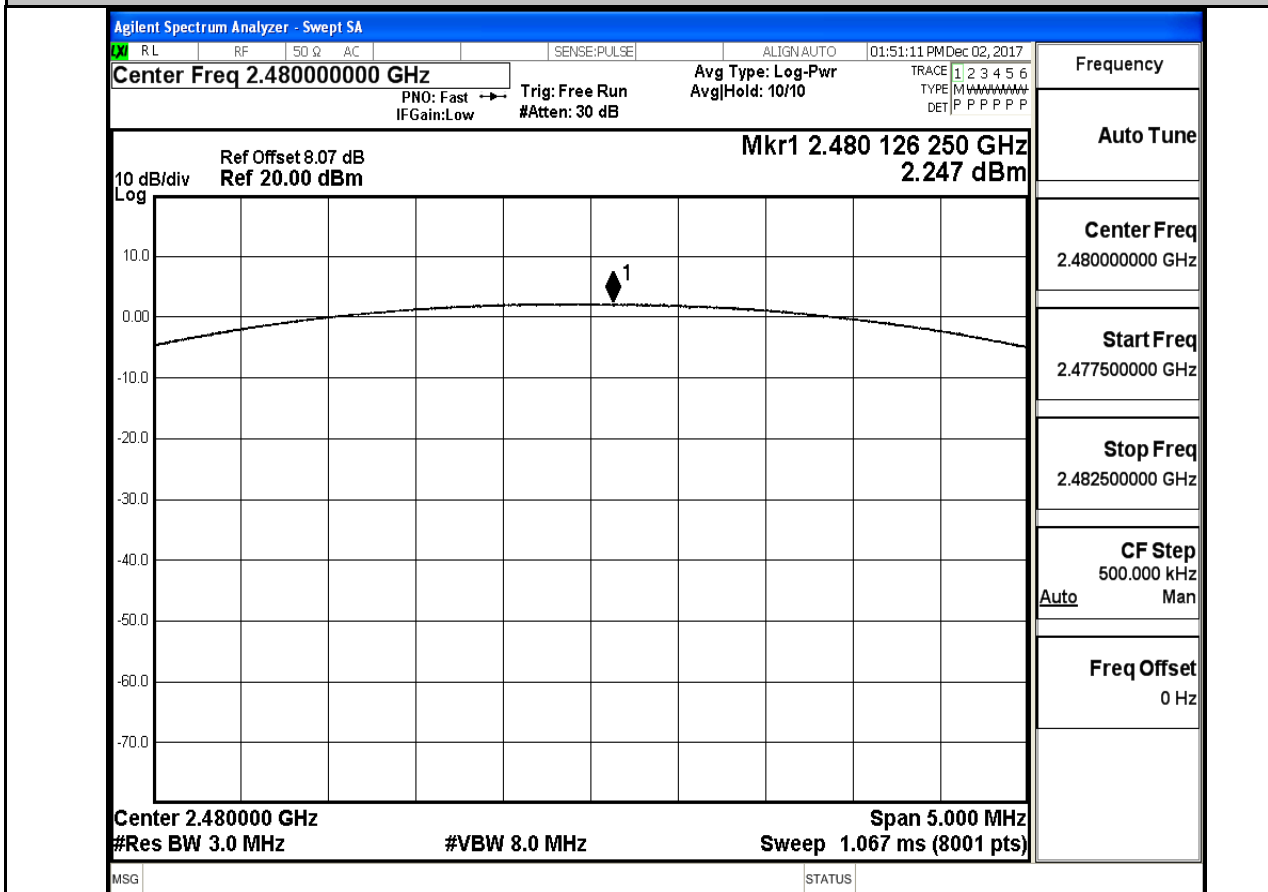
Conducted Peak Output Power_2DH5_2402



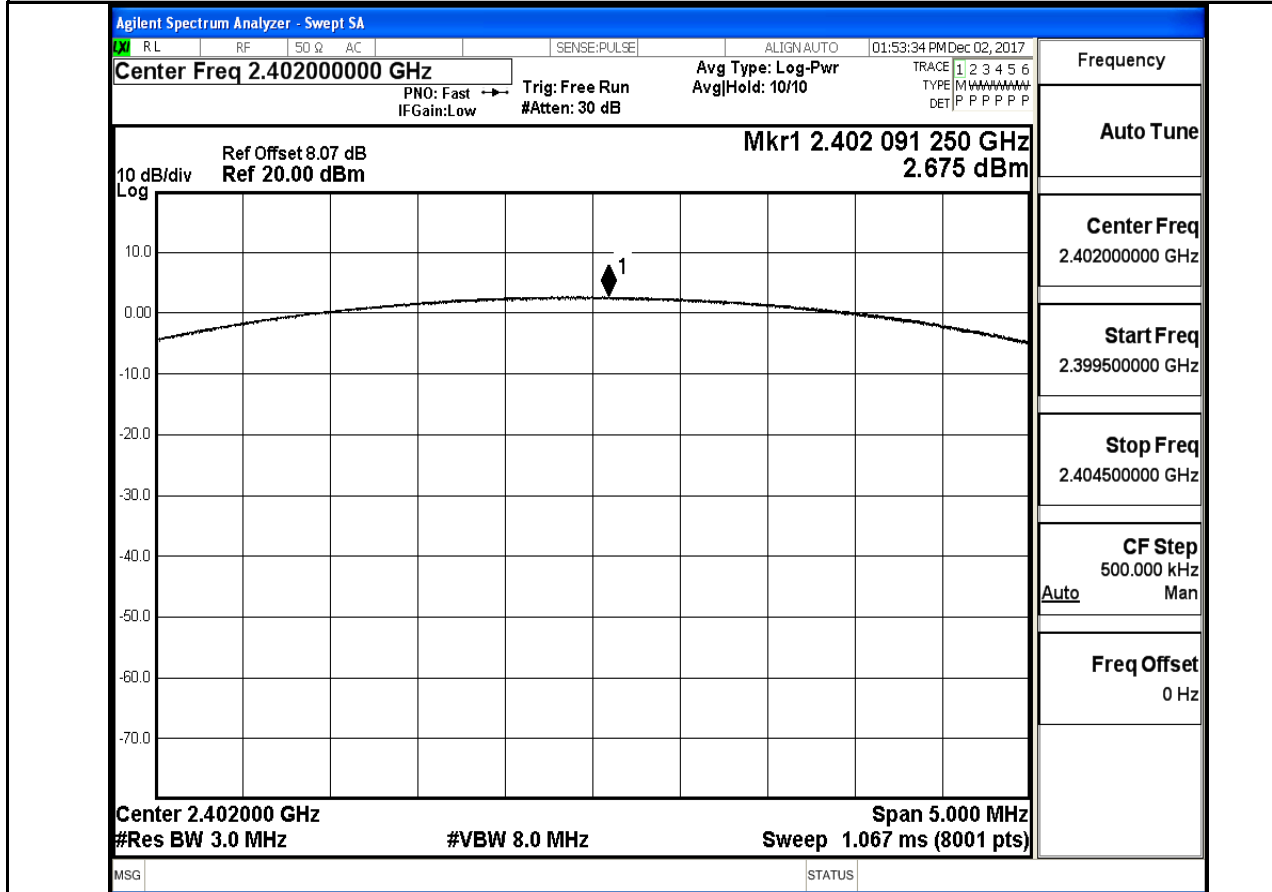
Conducted Peak Output Power_2DH5_2441



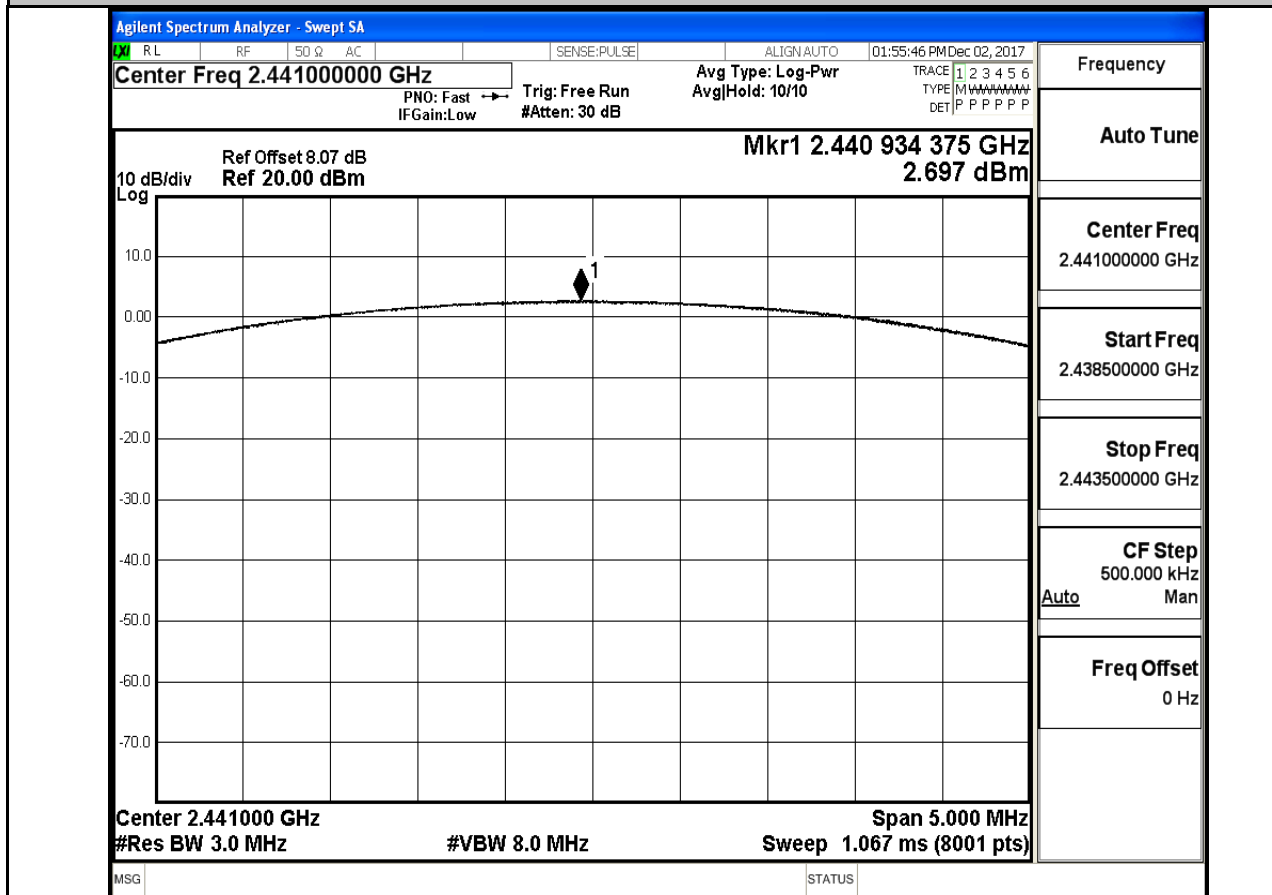
Conducted Peak Output Power_2DH5_2480



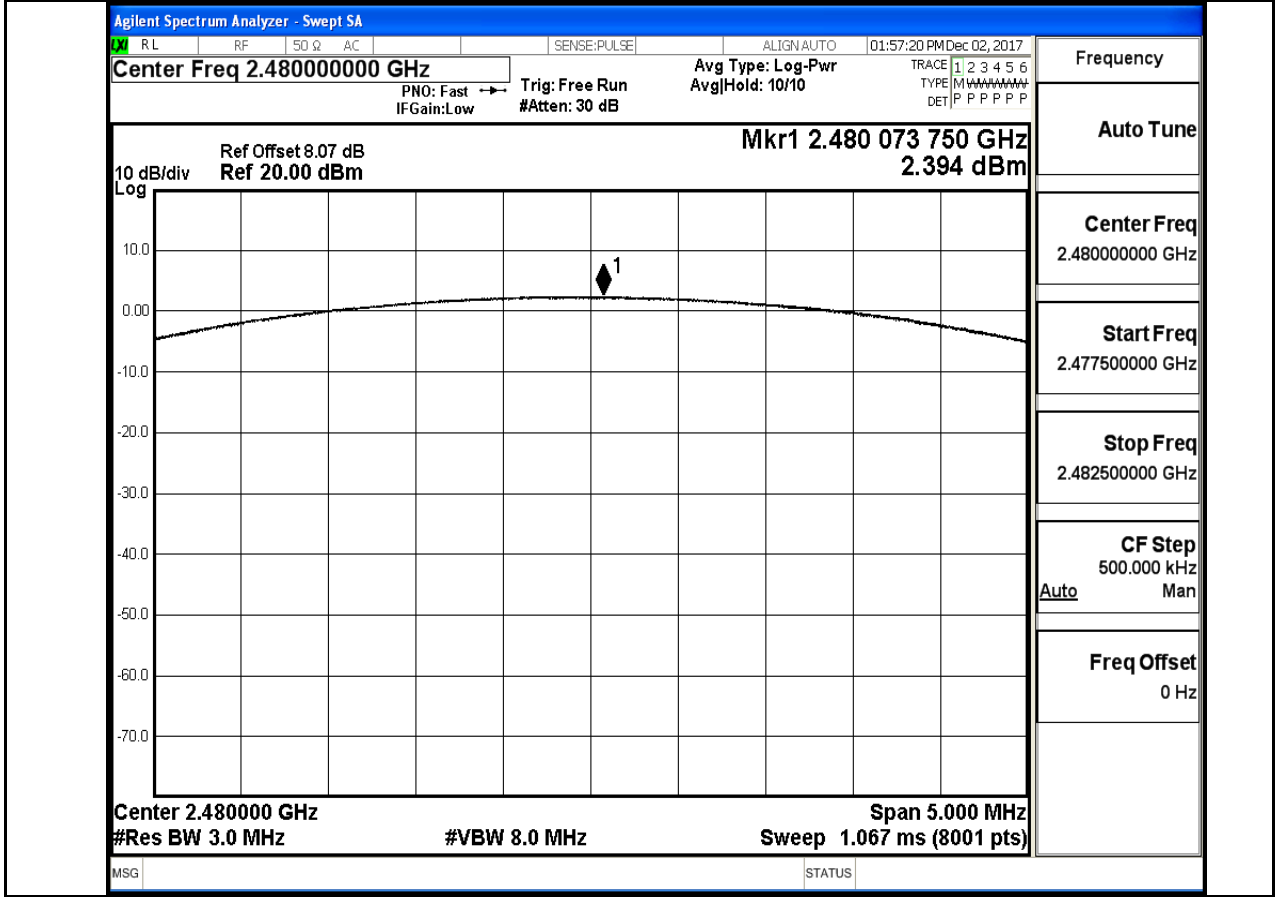
Conducted Peak Output Power_3DH5_2402



Conducted Peak Output Power_3DH5_2441



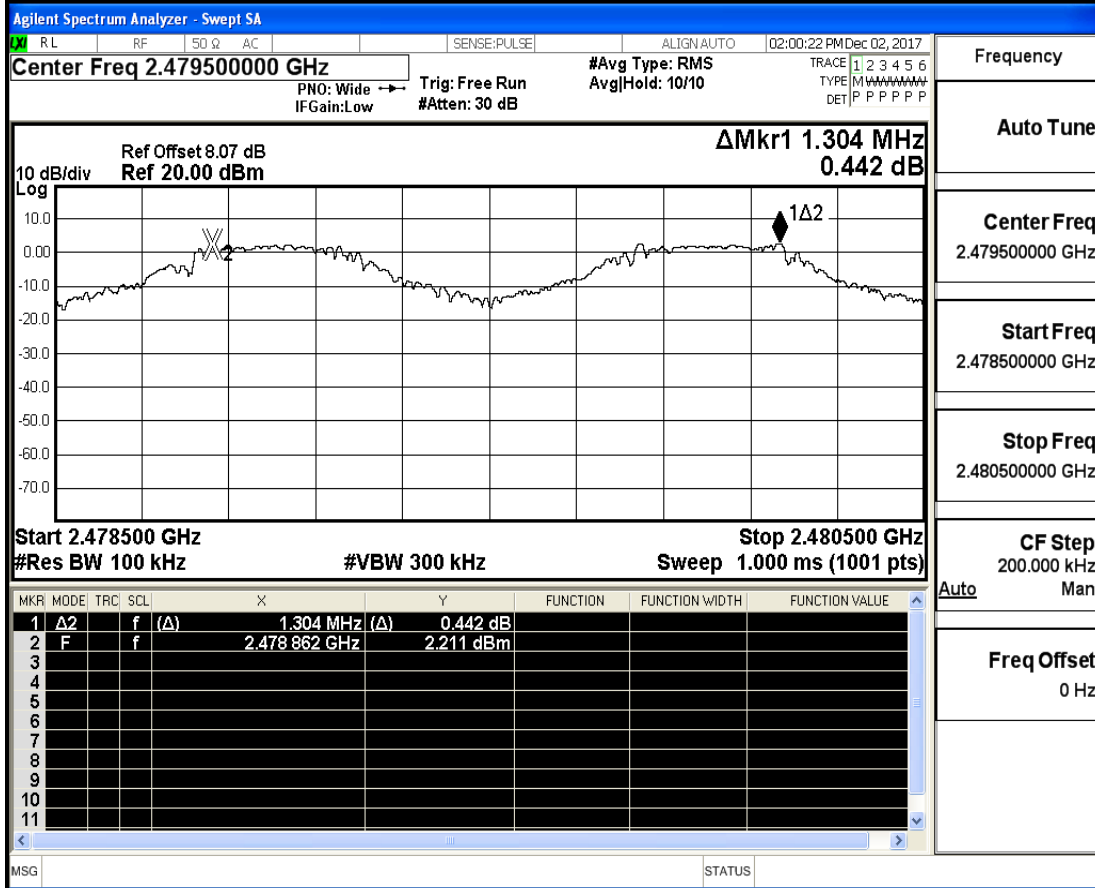
Conducted Peak Output Power_3DH5_2480



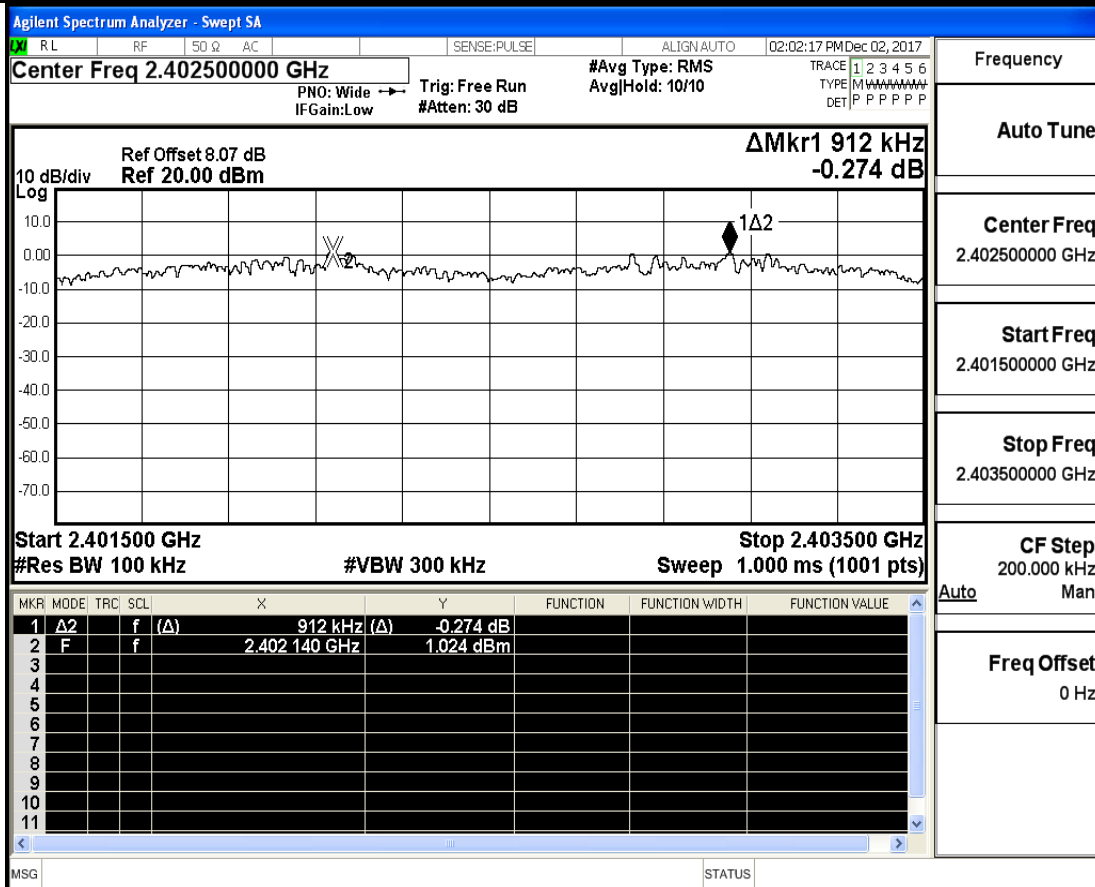
A.3.Carrier Frequency Separation

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	2402	1.149	0.68	PASS
DH5	2441	0.968	0.65	PASS
DH5	2480	1.304	0.69	PASS
2DH5	2402	0.912	0.86	PASS
2DH5	2441	1.016	0.86	PASS
2DH5	2480	1.022	0.87	PASS
3DH5	2402	0.948	0.86	PASS
3DH5	2441	1.514	0.86	PASS
3DH5	2480	1.034	0.87	PASS

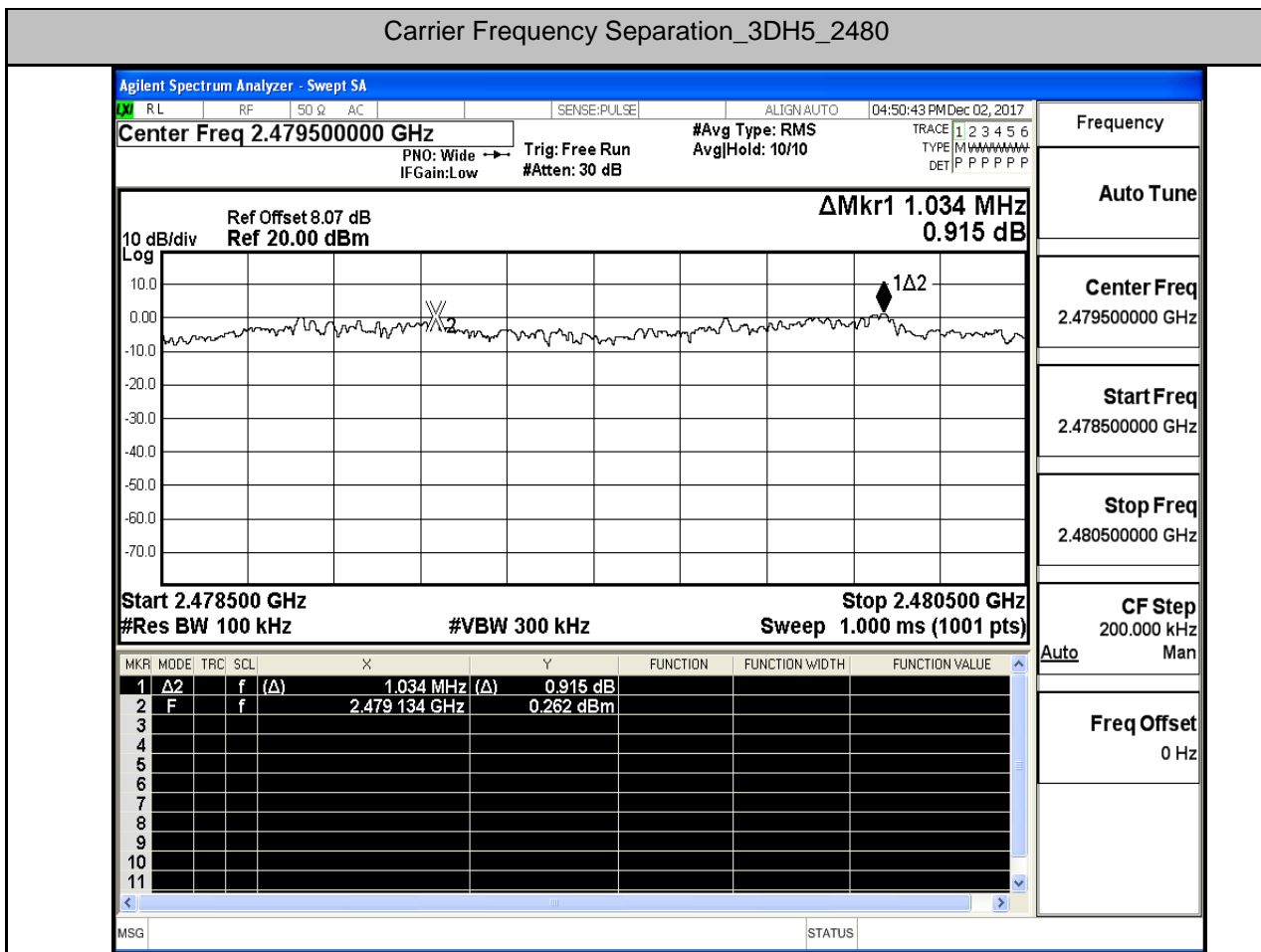
Carrier Frequency Separation_DH5_2480



Carrier Frequency Separation_2DH5_2402



Carrier Frequency Separation_3DH5_2480

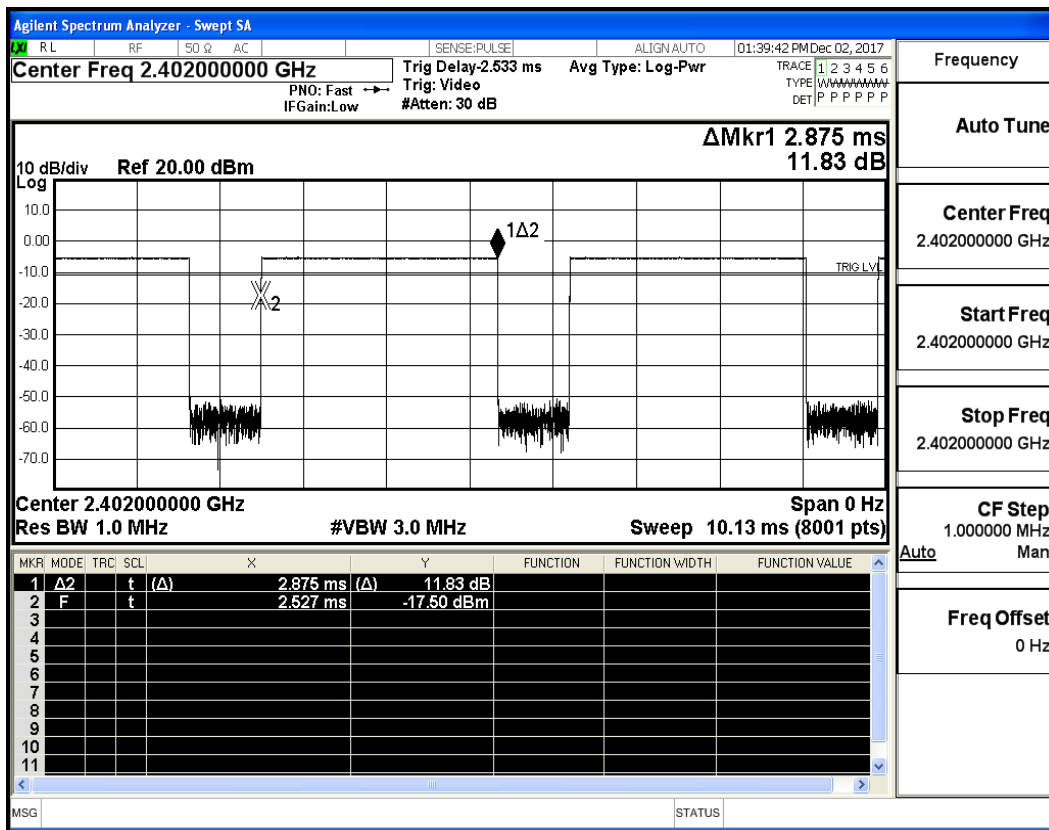


Frequency
Auto Tune
Center Freq 2.479500000 GHz
Start Freq 2.478500000 GHz
Stop Freq 2.480500000 GHz
CF Step 200.000 kHz Auto Man
Freq Offset 0 Hz

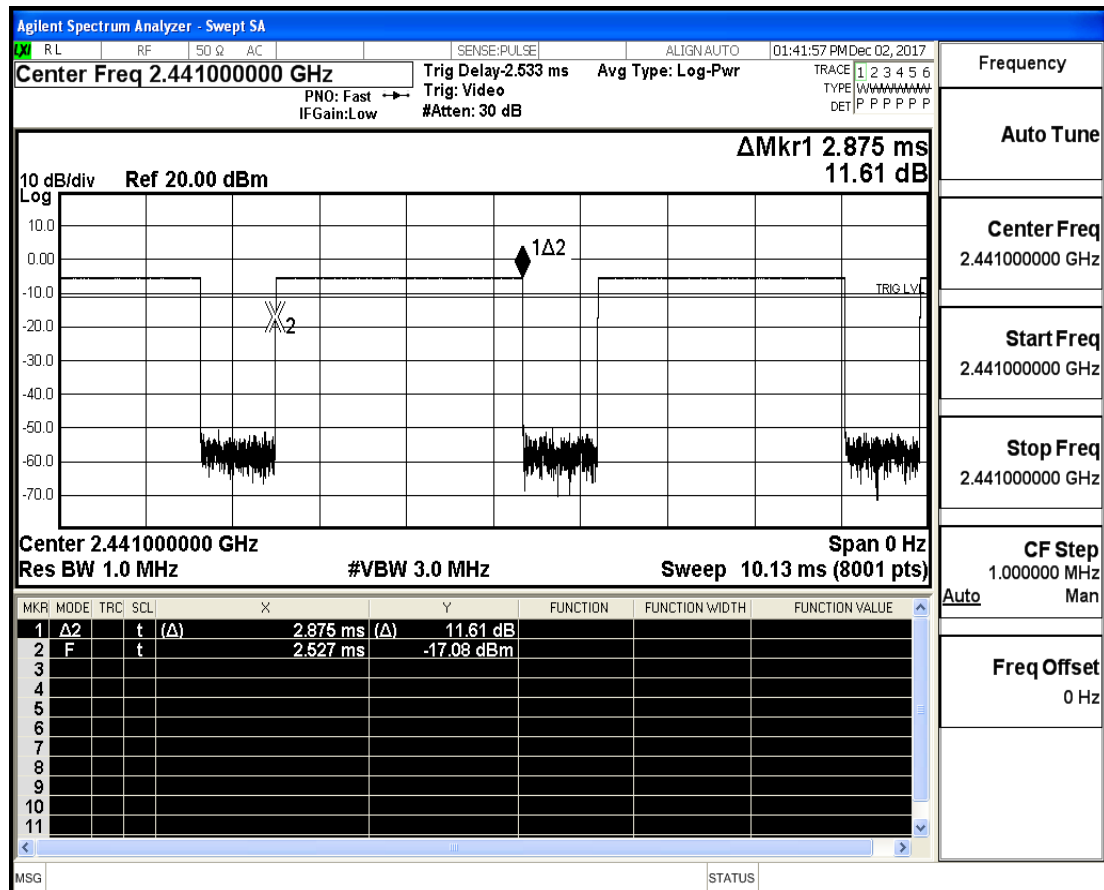
A.4.Dwell Time

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



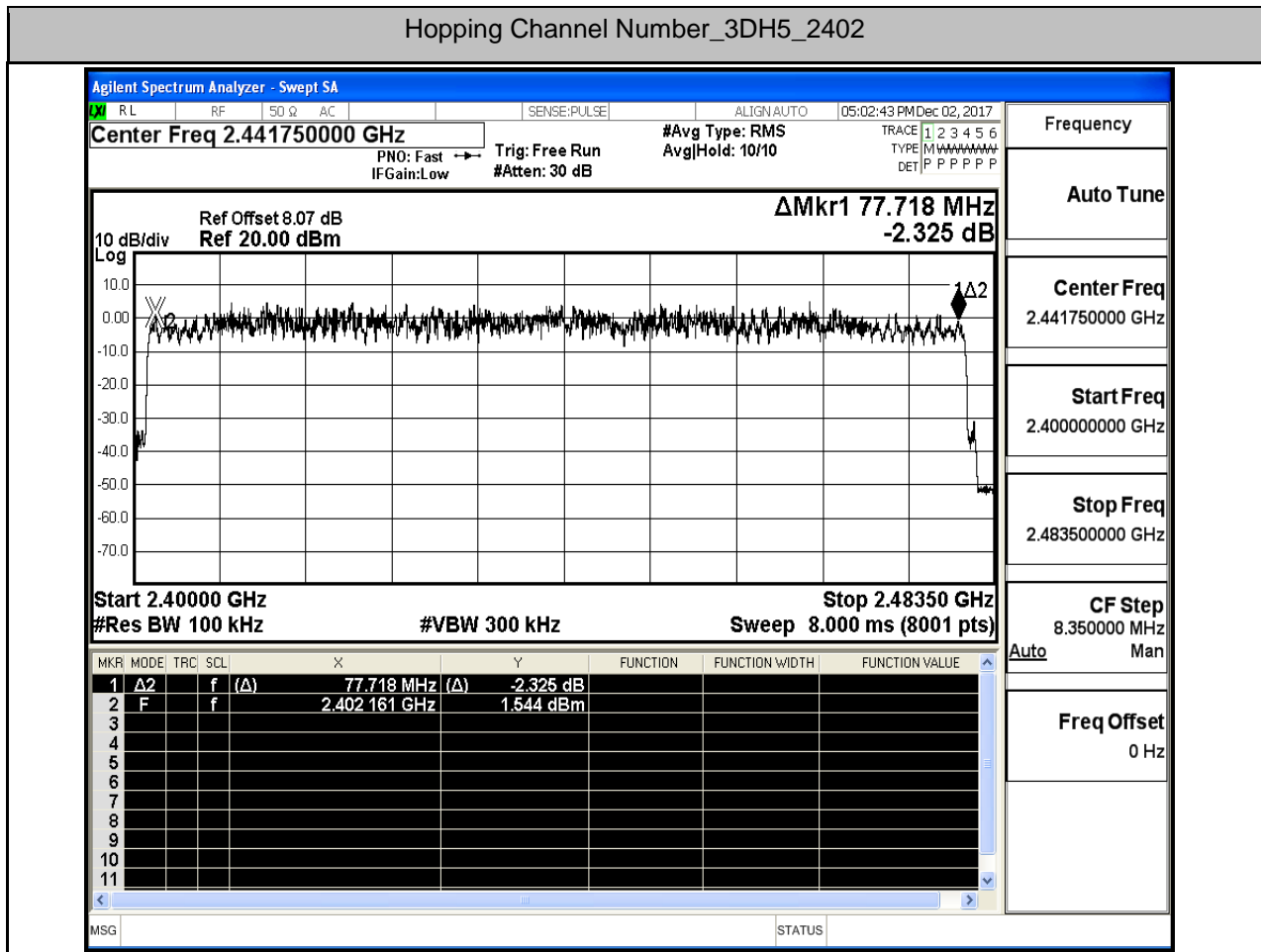
Dwell Time_DH5_2441



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

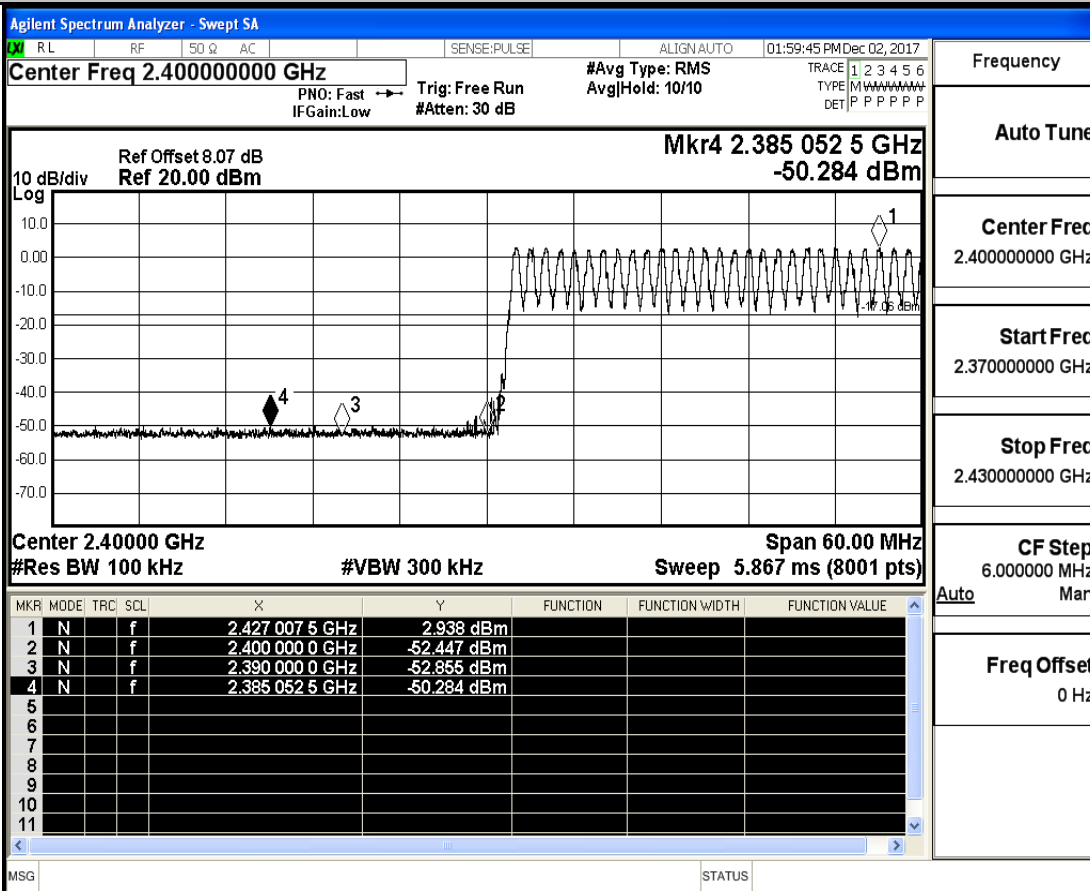
Hopping Channel Number_3DH5_2402



A.6.Band-edge for RF Conducted Emissions

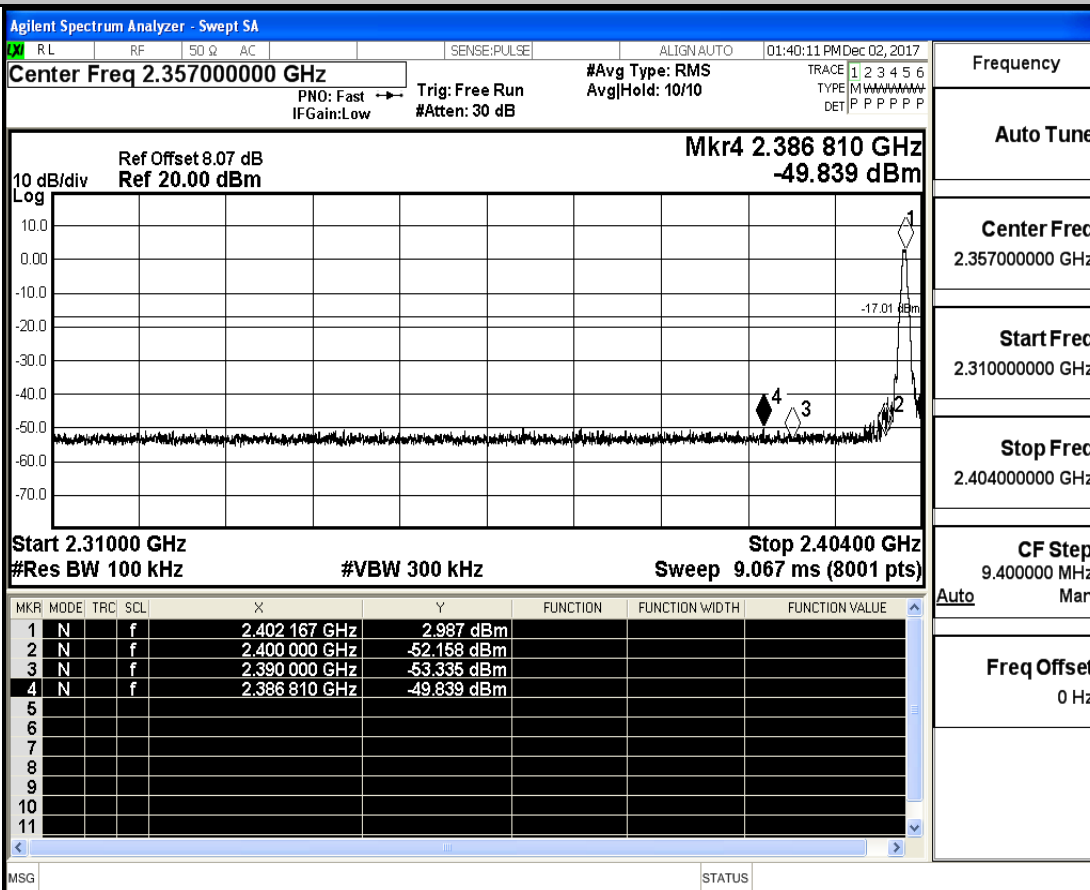
Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
DH5	2402	On	2.938	-50.284	-17.06	PASS
DH5	2402	Off	2.987	-49.839	-17.01	PASS
DH5	2480	On	2.872	-48.100	-17.13	PASS
DH5	2480	Off	2.669	-46.608	-17.33	PASS
2DH5	2402	On	1.640	-48.478	-18.36	PASS
2DH5	2402	Off	1.612	-49.558	-18.39	PASS
2DH5	2480	On	1.497	-49.277	-18.5	PASS
2DH5	2480	Off	1.448	-49.597	-18.55	PASS
3DH5	2402	On	1.518	-49.559	-18.48	PASS
3DH5	2402	Off	1.467	-49.173	-18.53	PASS
3DH5	2480	On	3.369	-35.643	-15.58	PASS
3DH5	2480	Off	1.452	-47.491	-18.55	PASS

Band-edge for RF Conducted Emissions_DH5_2402_Hopping On



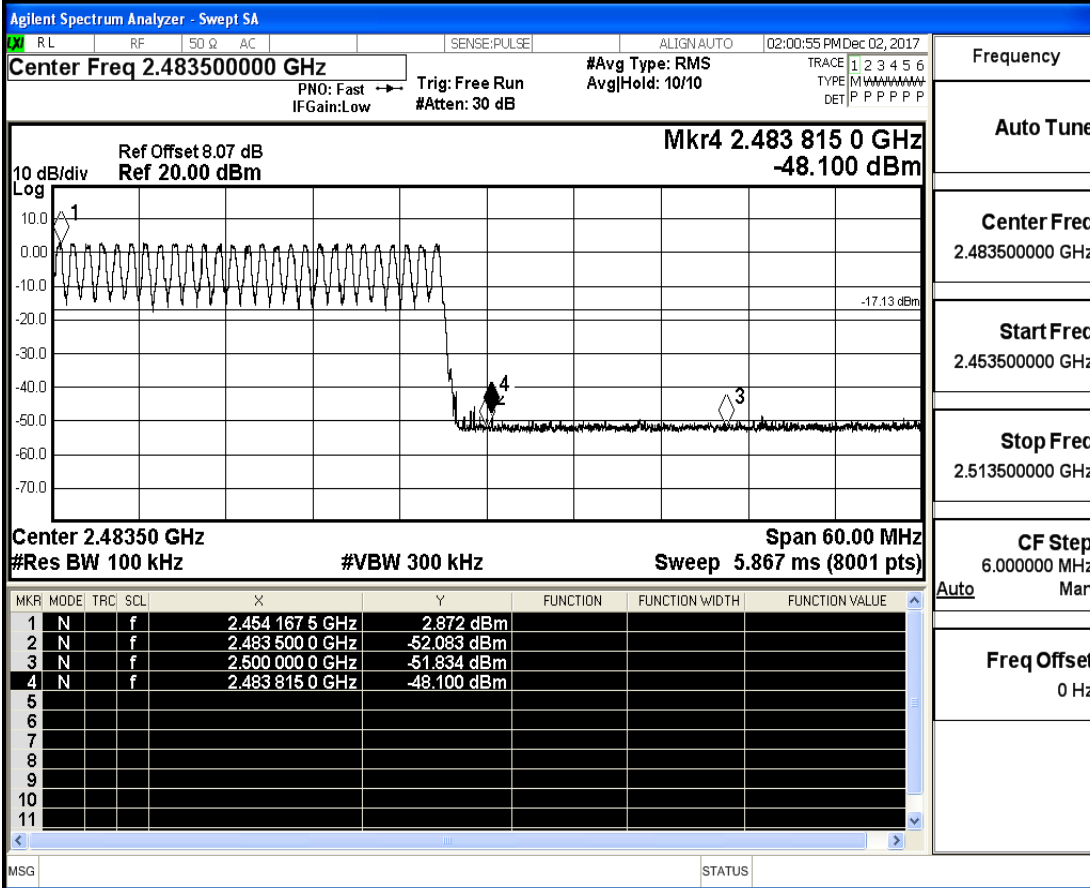
Frequency	
Auto Tune	
Center Freq	2.40000000 GHz
Start Freq	2.37000000 GHz
Stop Freq	2.43000000 GHz
CF Step	6.000000 MHz
Freq Offset	0 Hz

Band-edge for RF Conducted Emissions_DH5_2402_Hopping Off



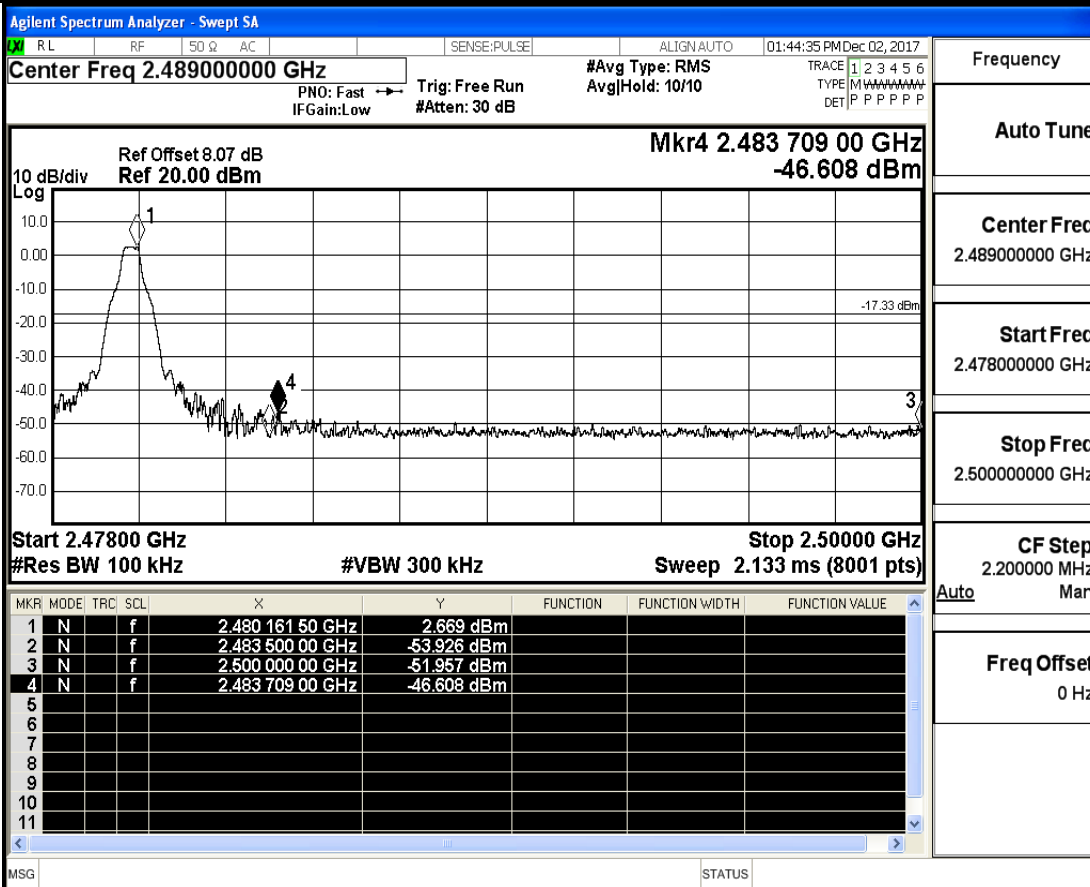
Frequency	
Auto Tune	
Center Freq	2.35700000 GHz
Start Freq	2.31000000 GHz
Stop Freq	2.40400000 GHz
CF Step	9.400000 MHz
Freq Offset	0 Hz

Band-edge for RF Conducted Emissions_DH5_2480_Hopping On



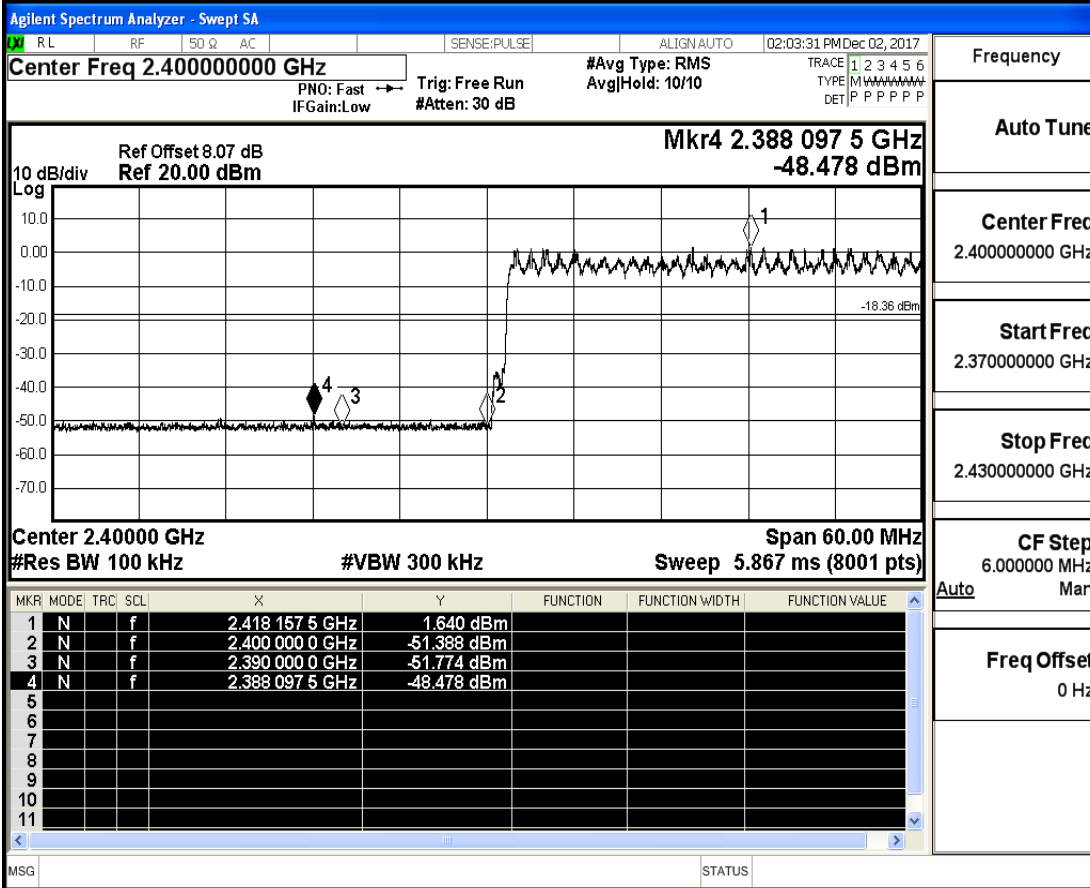
Frequency
Auto Tune
Center Freq 2.483500000 GHz
Start Freq 2.453500000 GHz
Stop Freq 2.513500000 GHz
CF Step 6.000000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_DH5_2480_Hopping Off



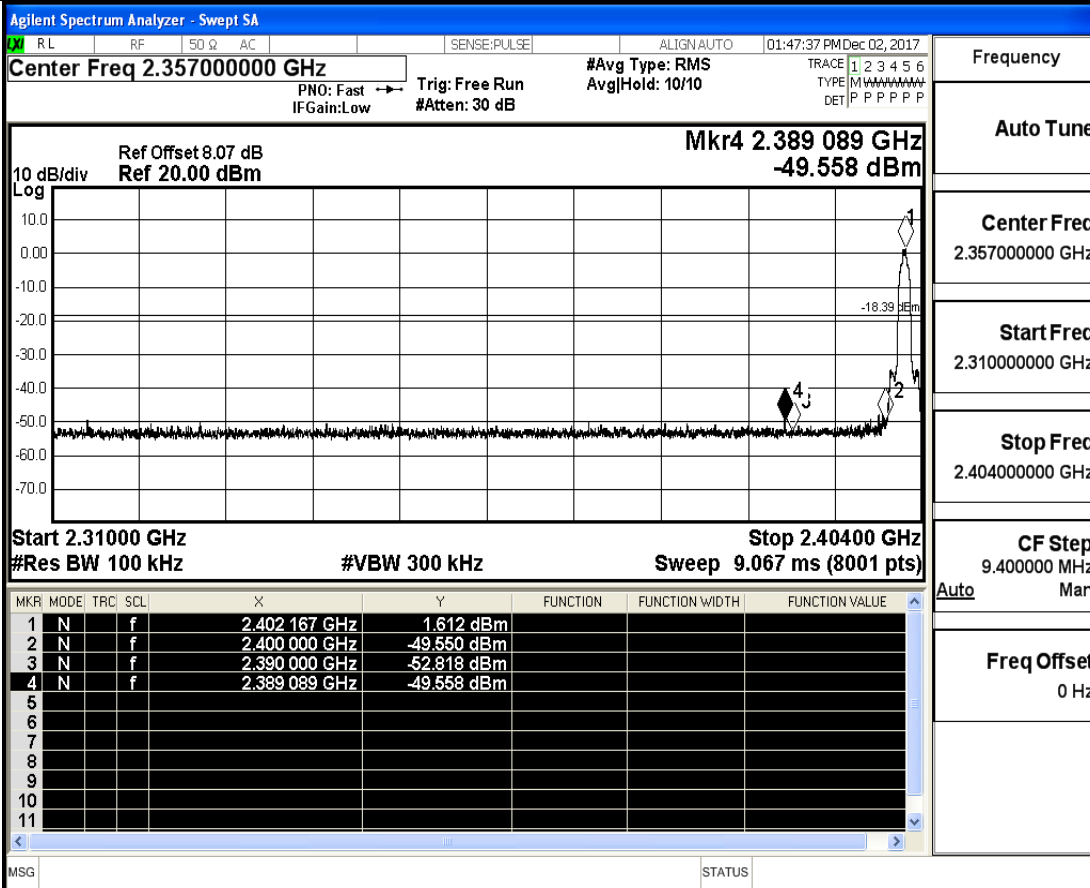
Frequency
Auto Tune
Center Freq 2.489000000 GHz
Start Freq 2.478000000 GHz
Stop Freq 2.500000000 GHz
CF Step 2.200000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_2DH5_2402_Hopping On



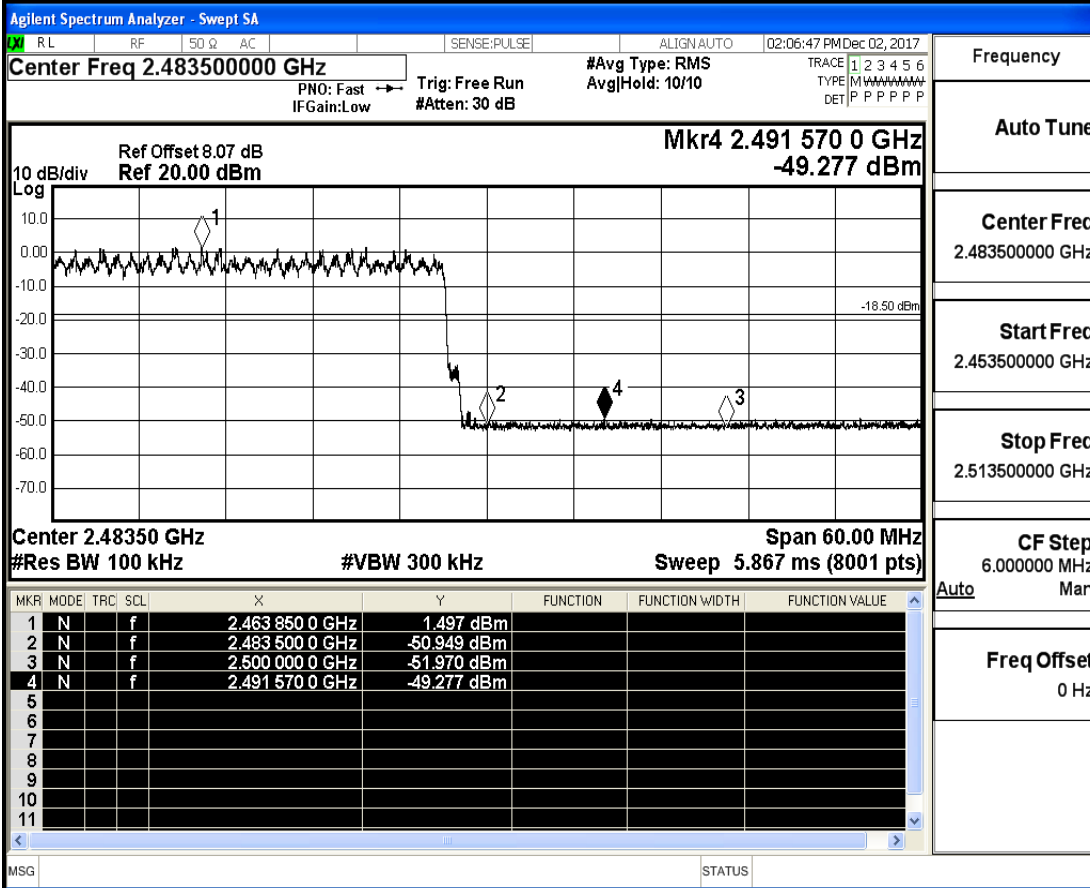
Frequency
Auto Tune
Center Freq 2.400000000 GHz
Start Freq 2.370000000 GHz
Stop Freq 2.430000000 GHz
CF Step 6.000000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_2DH5_2402_Hopping Off



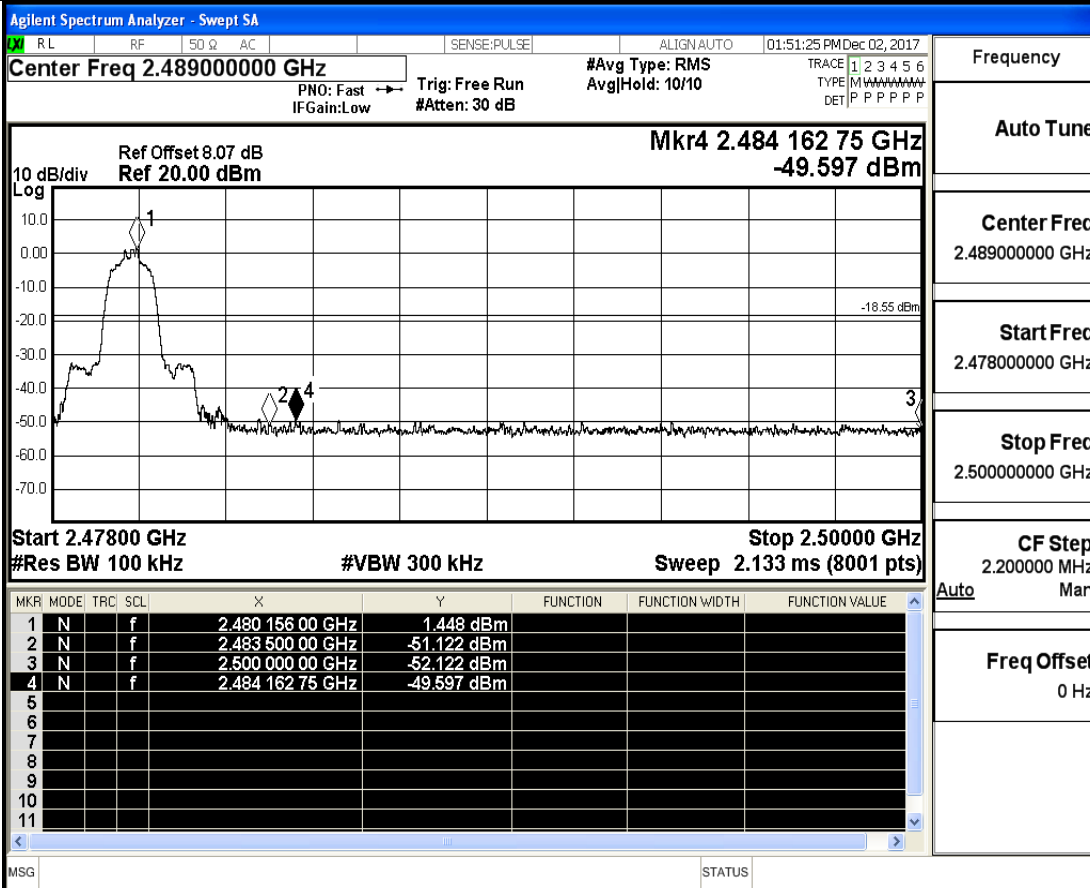
Frequency
Auto Tune
Center Freq 2.357000000 GHz
Start Freq 2.310000000 GHz
Stop Freq 2.404000000 GHz
CF Step 9.400000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_2DH5_2480_Hopping On



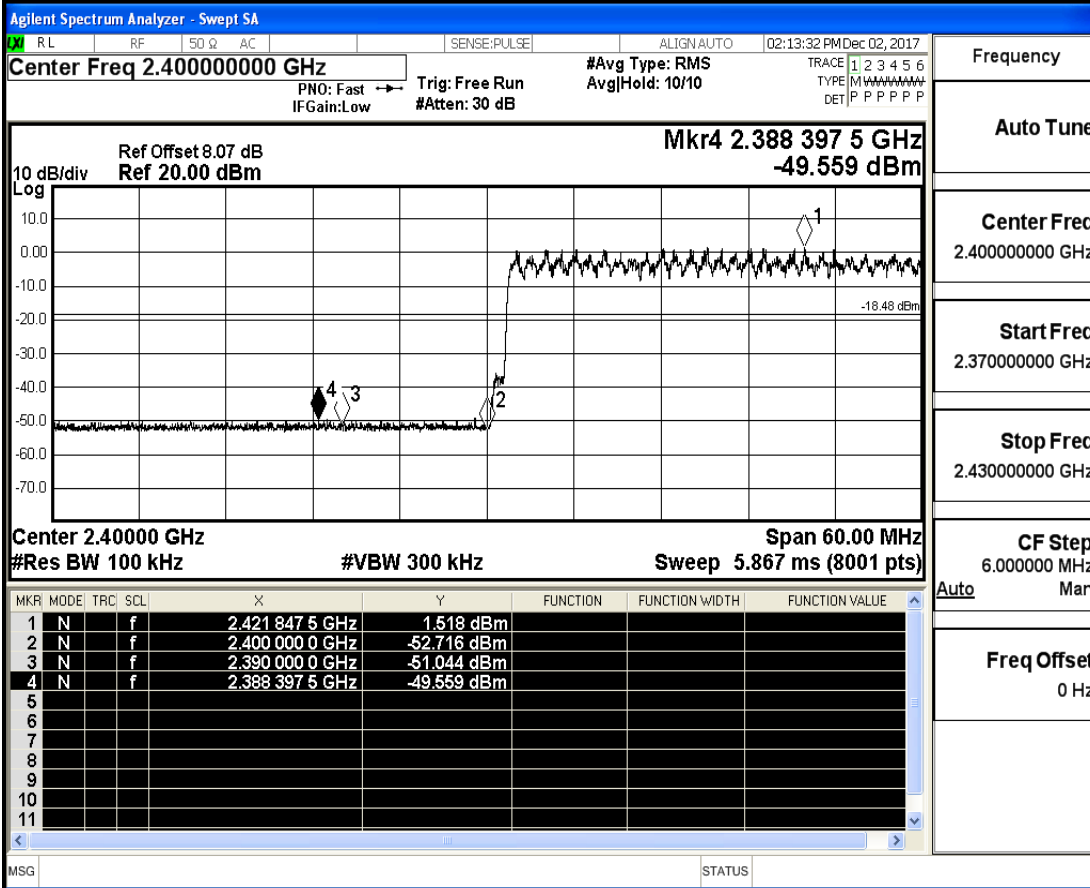
Frequency
Auto Tune
Center Freq 2.483500000 GHz
Start Freq 2.453500000 GHz
Stop Freq 2.513500000 GHz
CF Step 6.000000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_2DH5_2480_Hopping Off



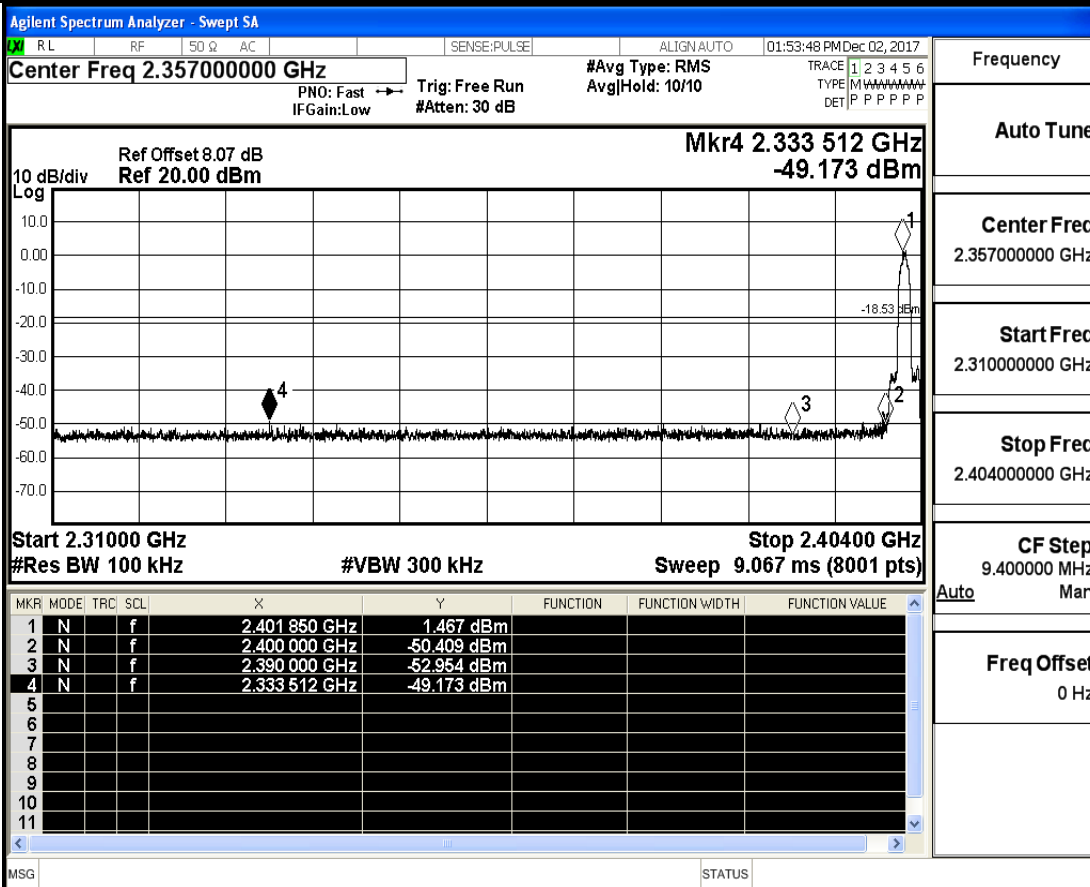
Frequency
Auto Tune
Center Freq 2.489000000 GHz
Start Freq 2.478000000 GHz
Stop Freq 2.500000000 GHz
CF Step 2.200000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_3DH5_2402_Hopping On



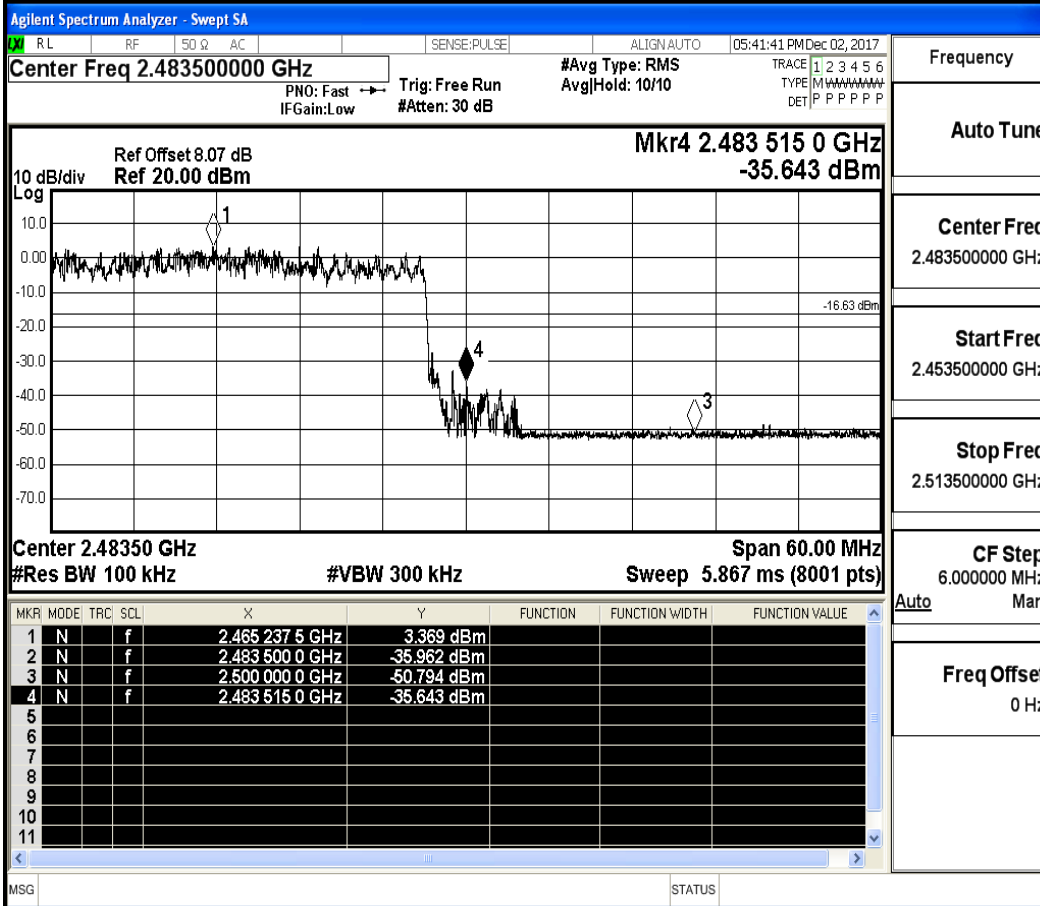
Frequency
Auto Tune
Center Freq 2.40000000 GHz
Start Freq 2.37000000 GHz
Stop Freq 2.43000000 GHz
CF Step 6.000000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_3DH5_2402_Hopping Off



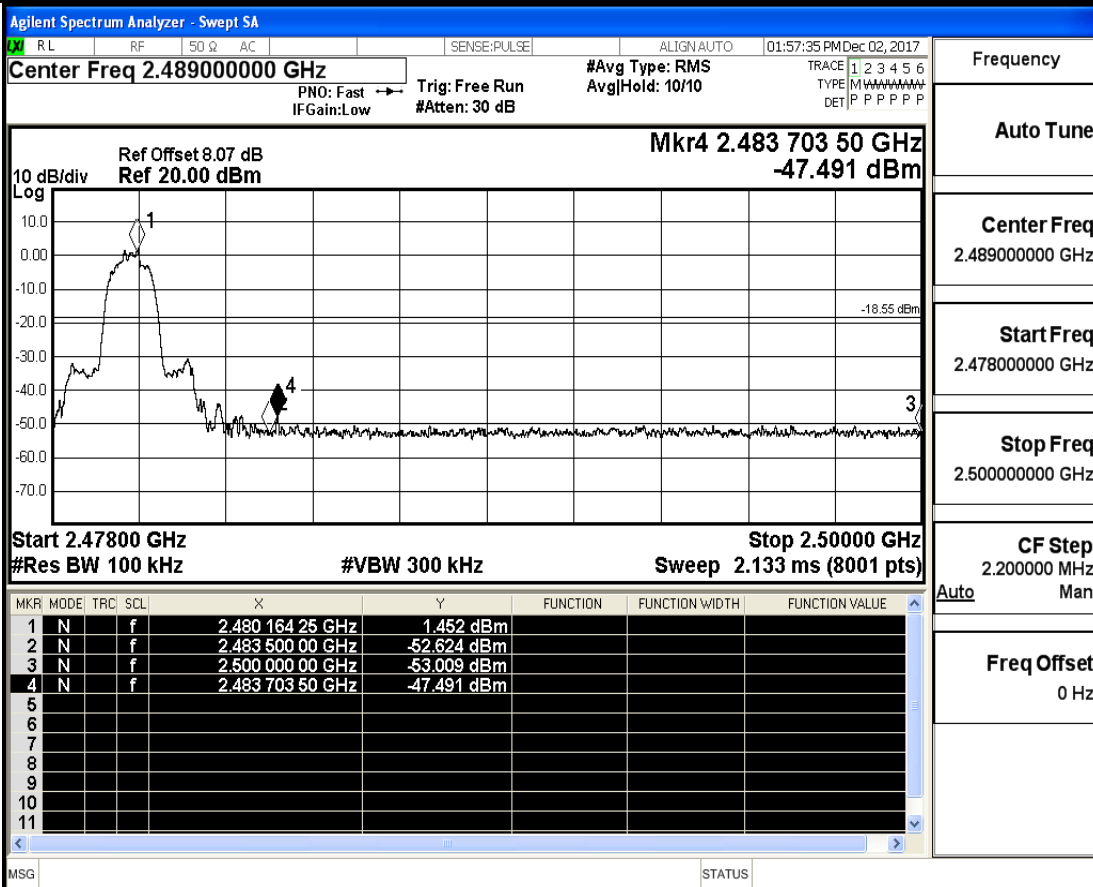
Frequency
Auto Tune
Center Freq 2.35700000 GHz
Start Freq 2.31000000 GHz
Stop Freq 2.40400000 GHz
CF Step 9.400000 MHz Auto Man
Freq Offset 0 Hz

Band-edge for RF Conducted Emissions_3DH5_2480_Hopping On



Frequency	
Auto Tune	
Center Freq	2.48350000 GHz
Start Freq	2.45350000 GHz
Stop Freq	2.51350000 GHz
CF Step	6.000000 MHz
Auto	Man
Freq Offset	0 Hz

Band-edge for RF Conducted Emissions_3DH5_2480_Hopping Off

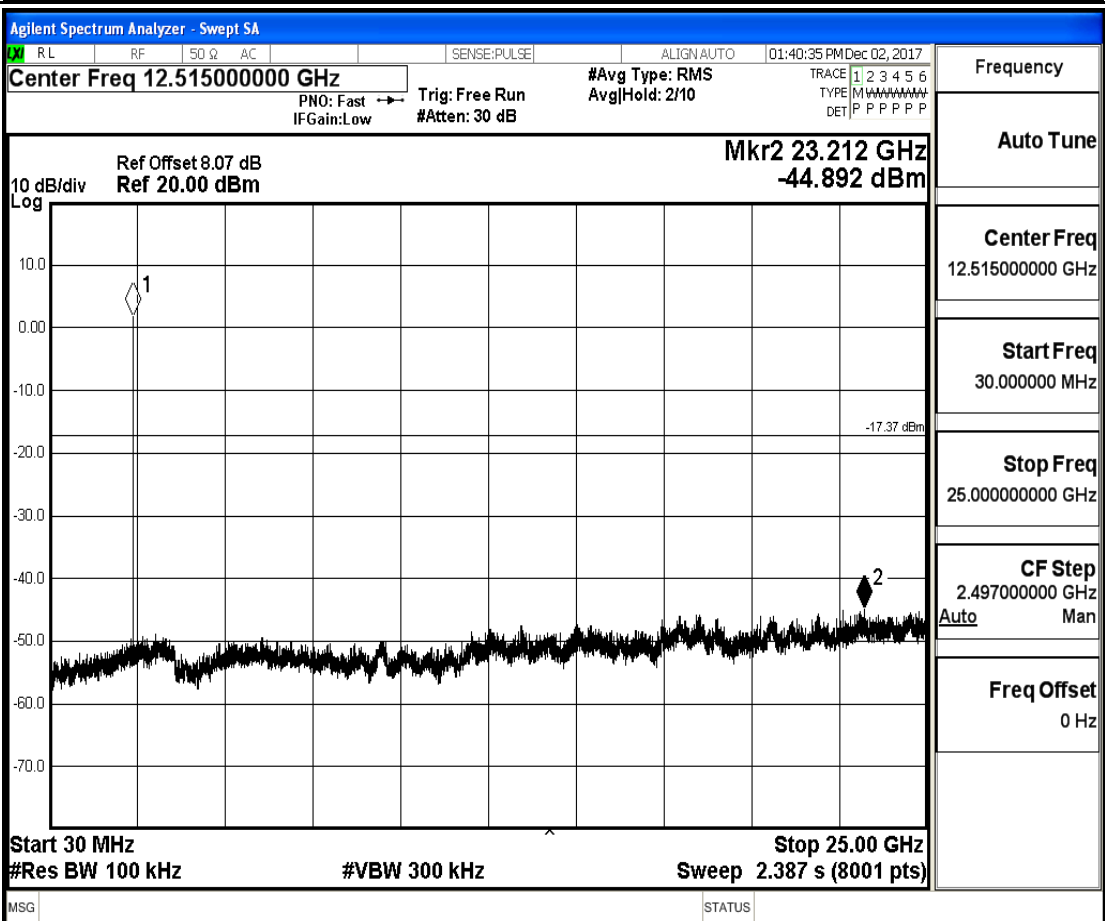
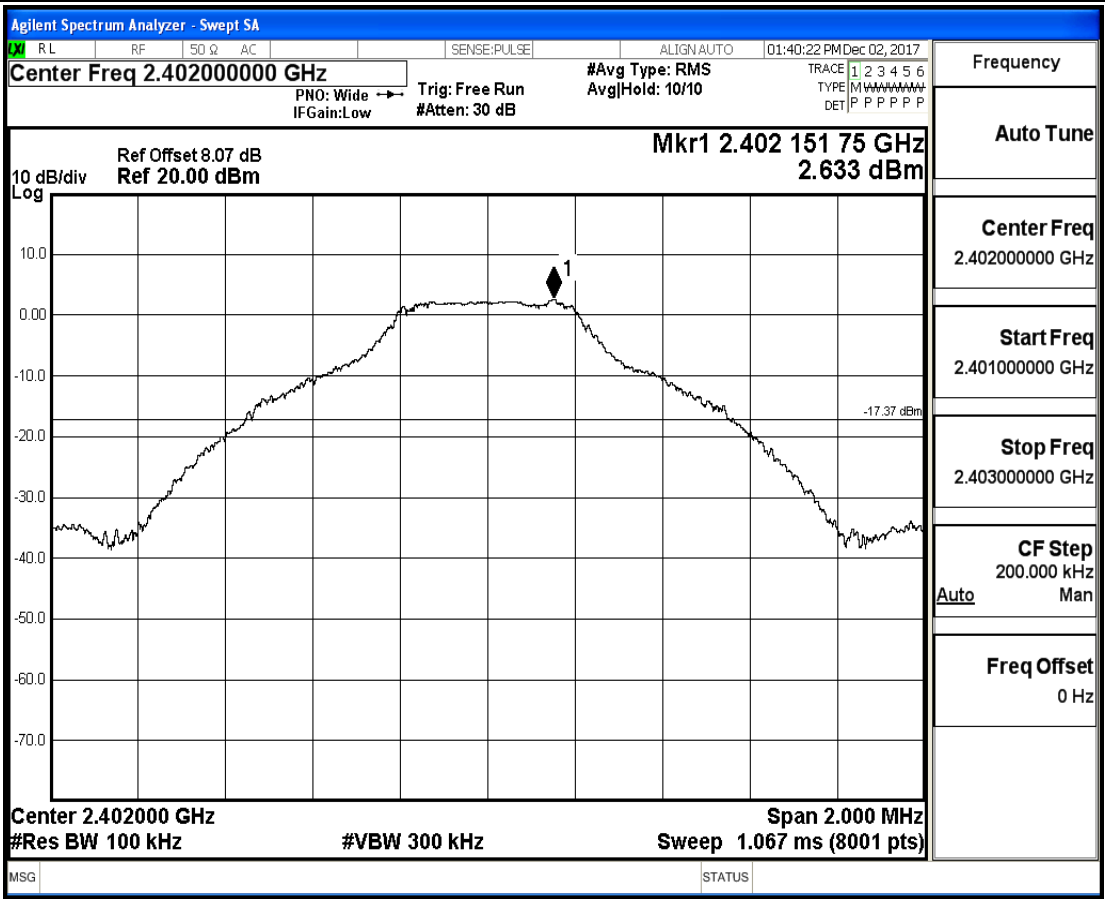


Frequency	
Auto Tune	
Center Freq	2.48900000 GHz
Start Freq	2.47800000 GHz
Stop Freq	2.50000000 GHz
CF Step	2.200000 MHz
Auto	Man
Freq Offset	0 Hz

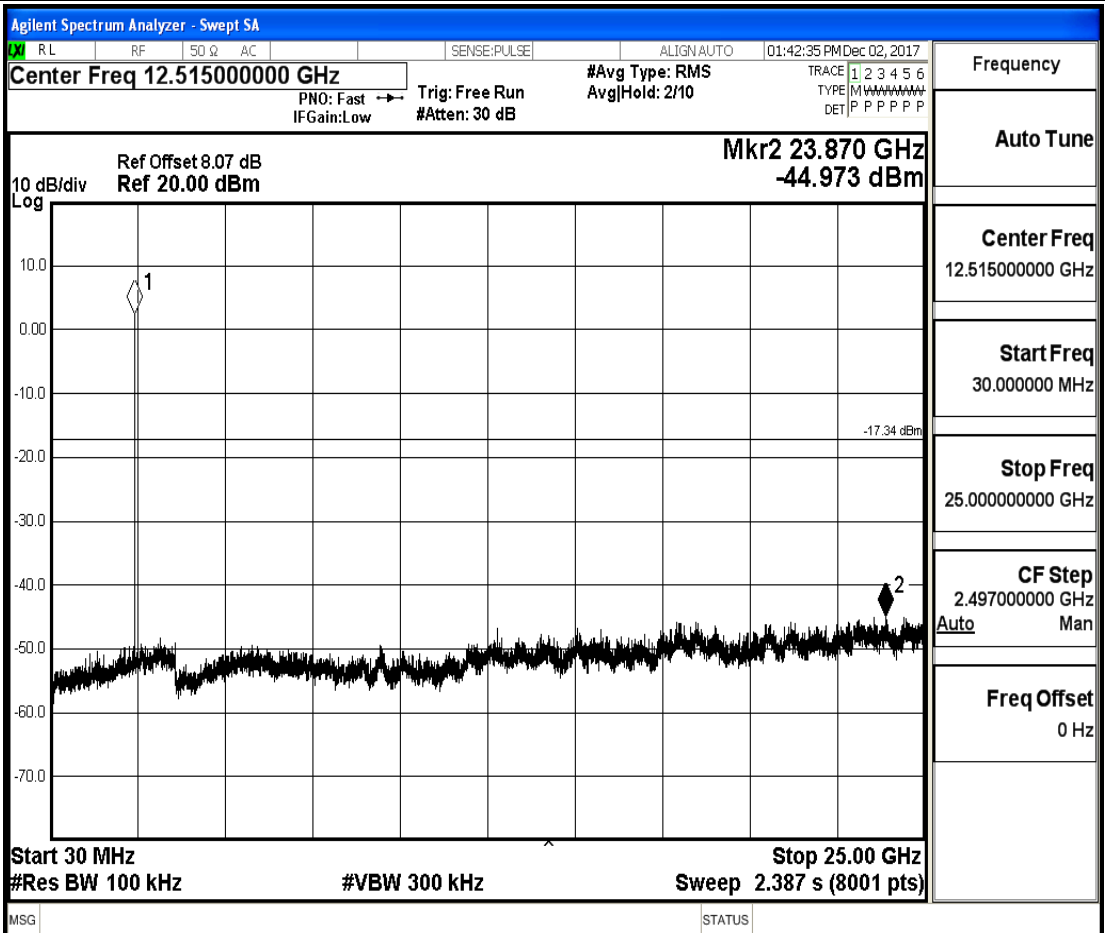
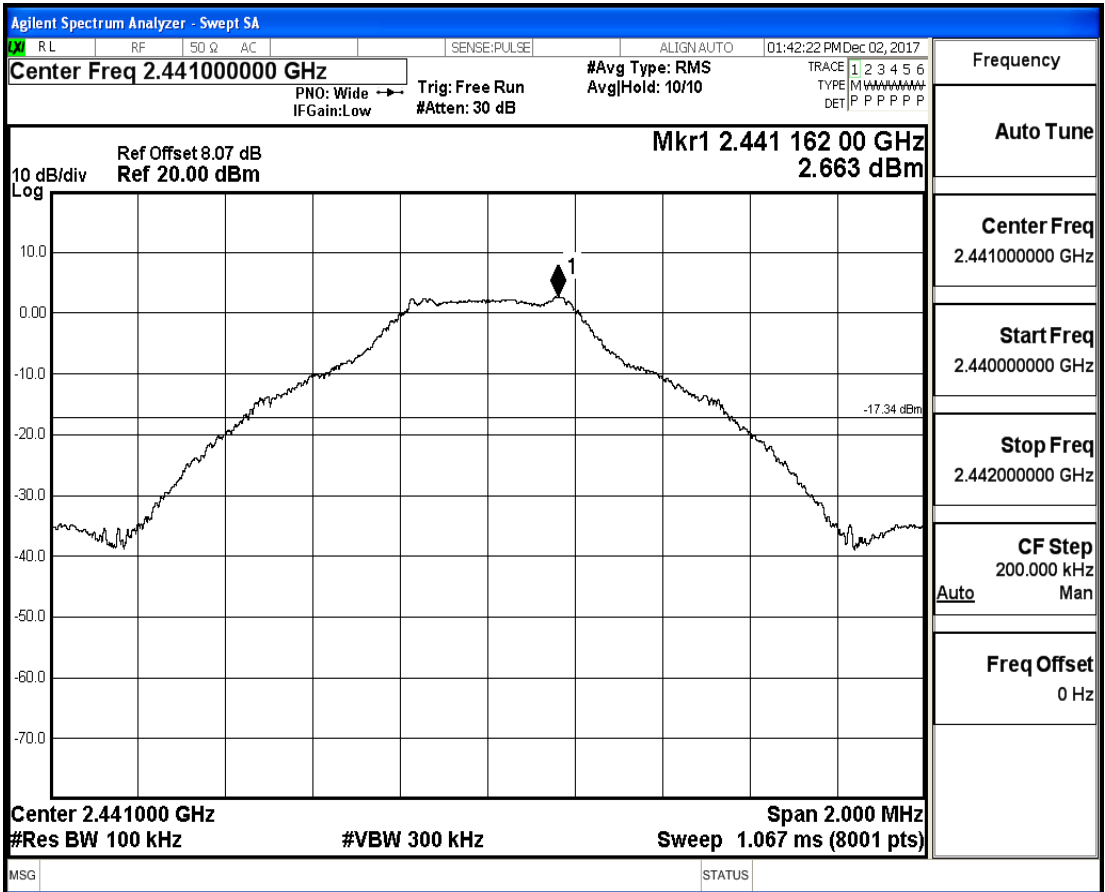
A.7.RF Conducted Spurious Emissions

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	2.633	-44.892	<-17.367	PASS
DH5	2441	30	25000	100	300	2.663	-44.973	<-17.337	PASS
DH5	2480	30	25000	100	300	2.715	-44.561	<-17.285	PASS
2DH5	2402	30	25000	100	300	1.529	-45.024	<-18.471	PASS
2DH5	2441	30	25000	100	300	1.175	-44.872	<-18.825	PASS
2DH5	2480	30	25000	100	300	0.912	-45.096	<-19.088	PASS
3DH5	2402	30	25000	100	300	1.286	-40.599	<-18.714	PASS
3DH5	2441	30	25000	100	300	1.631	-44.539	<-18.369	PASS
3DH5	2480	30	25000	100	300	1.37	-44.290	<-18.63	PASS

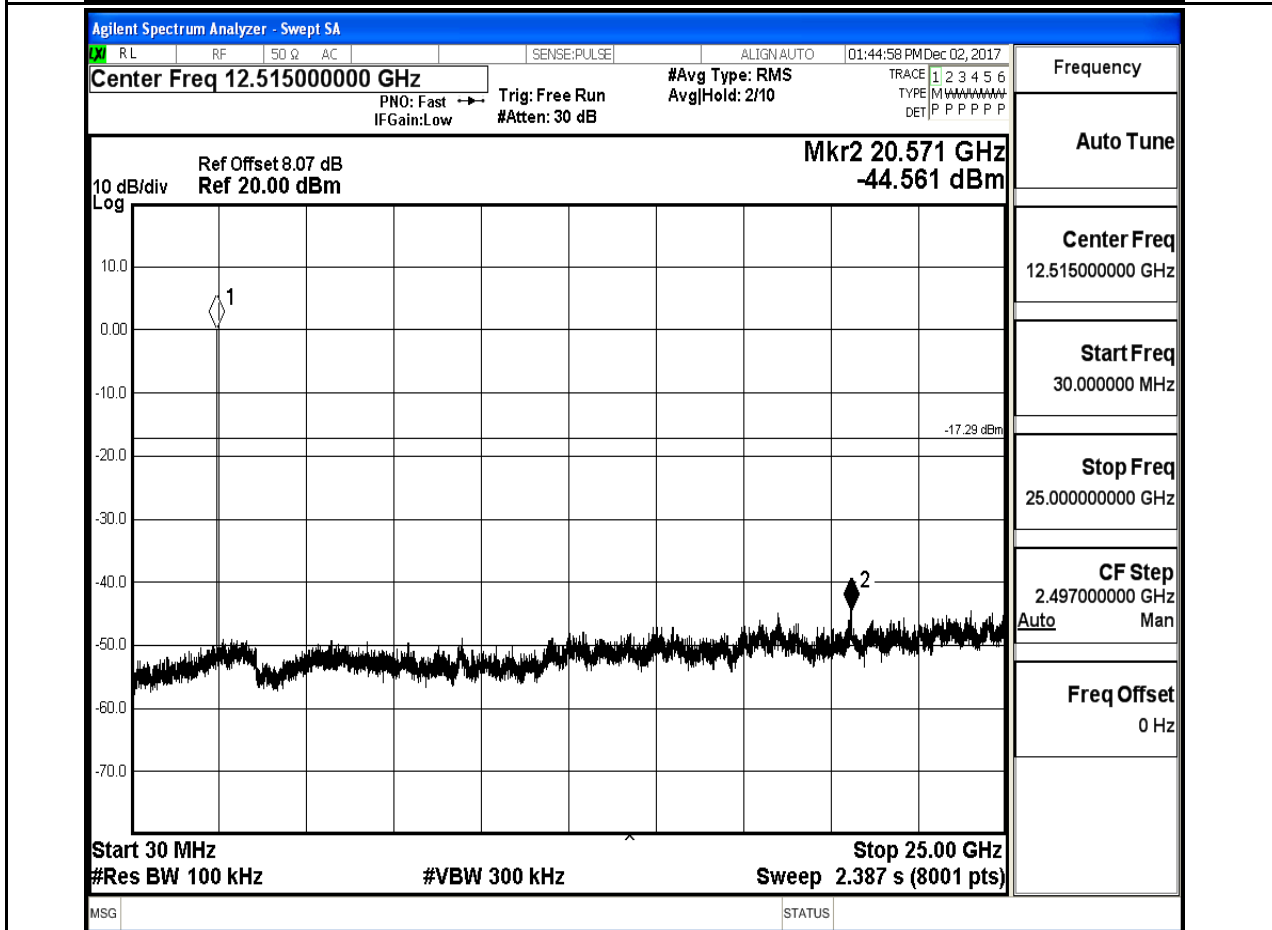
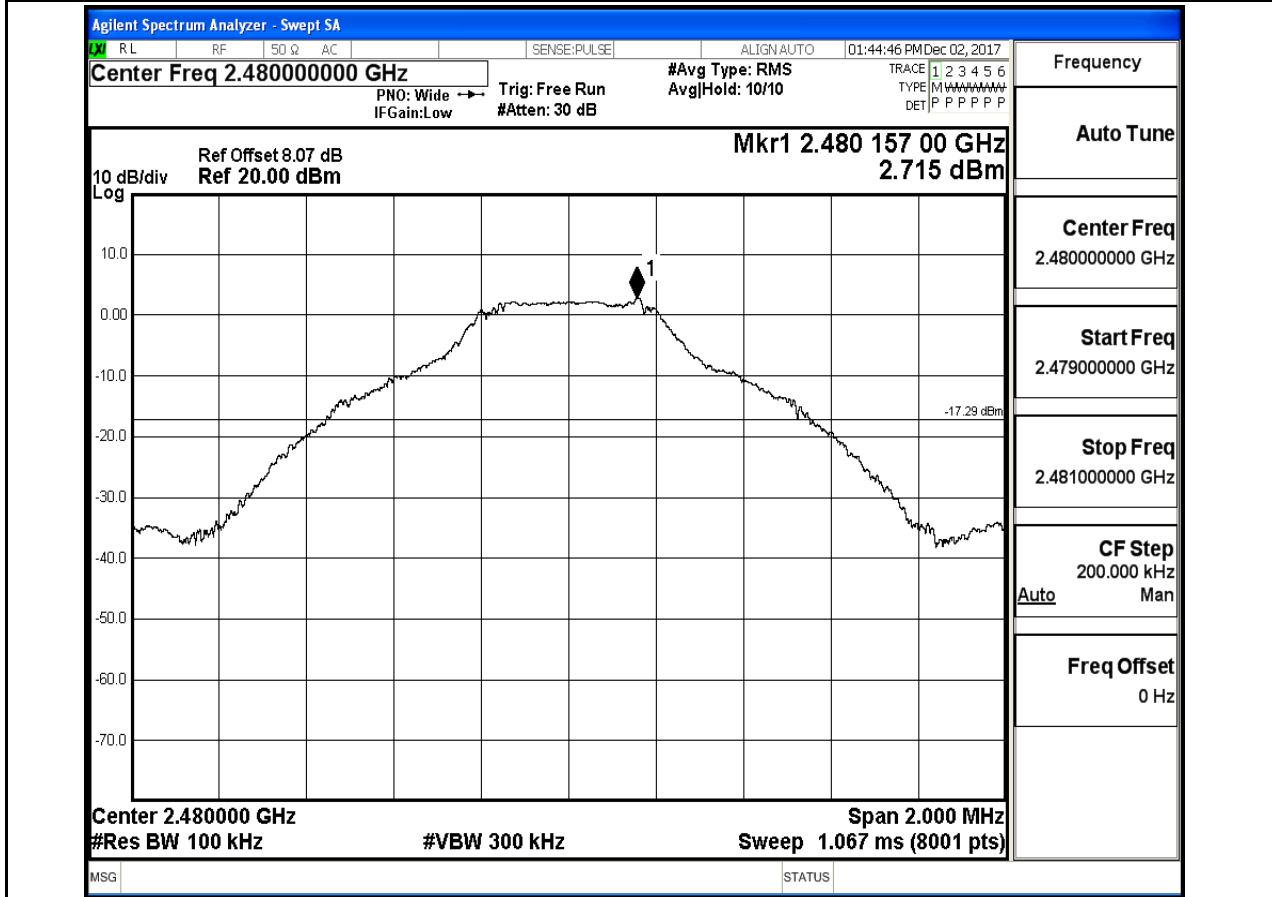
RF Conducted Spurious Emissions_DH5_2402



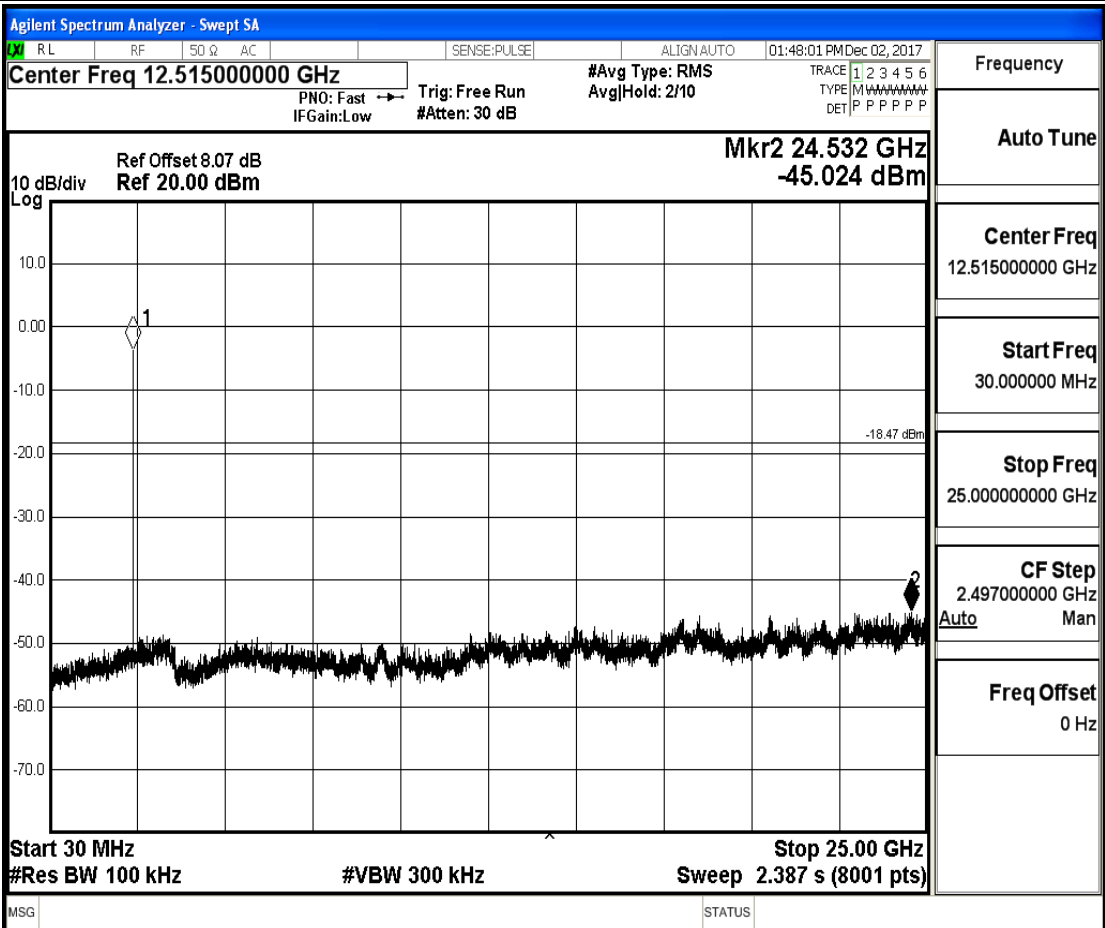
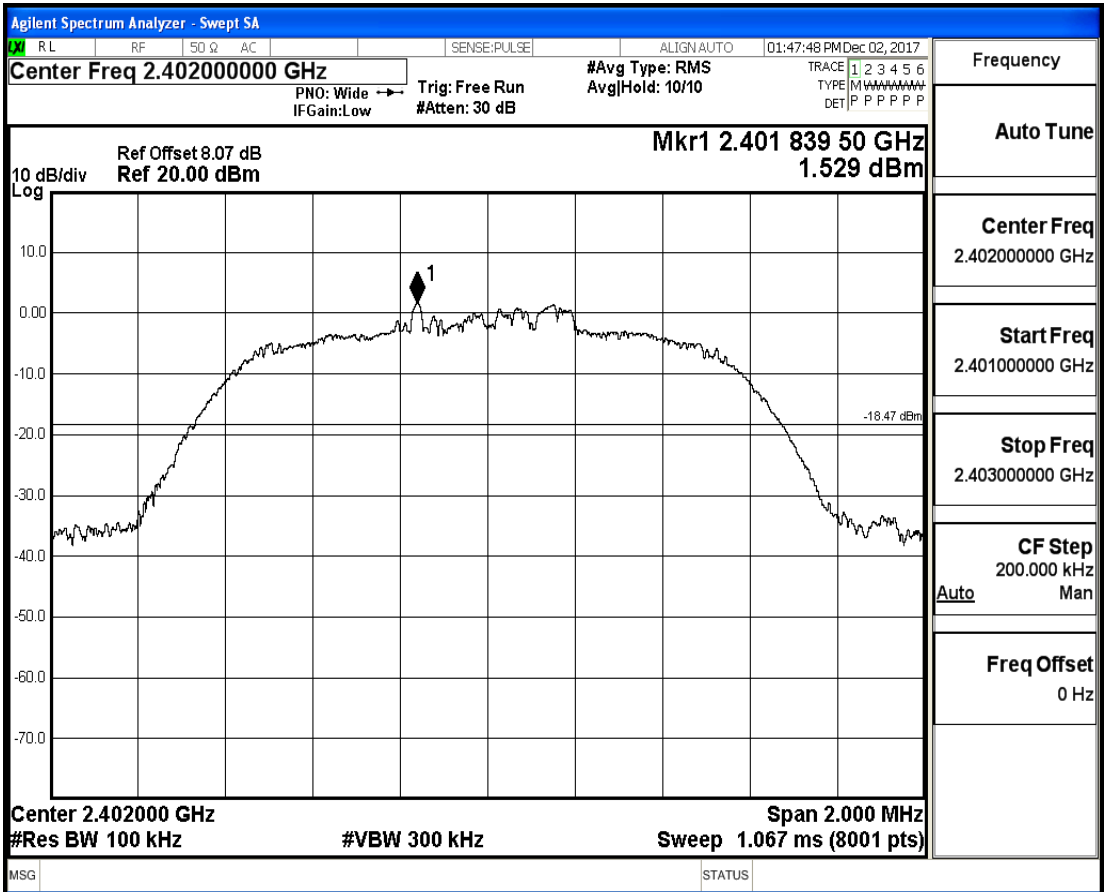
RF Conducted Spurious Emissions_DH5_2441



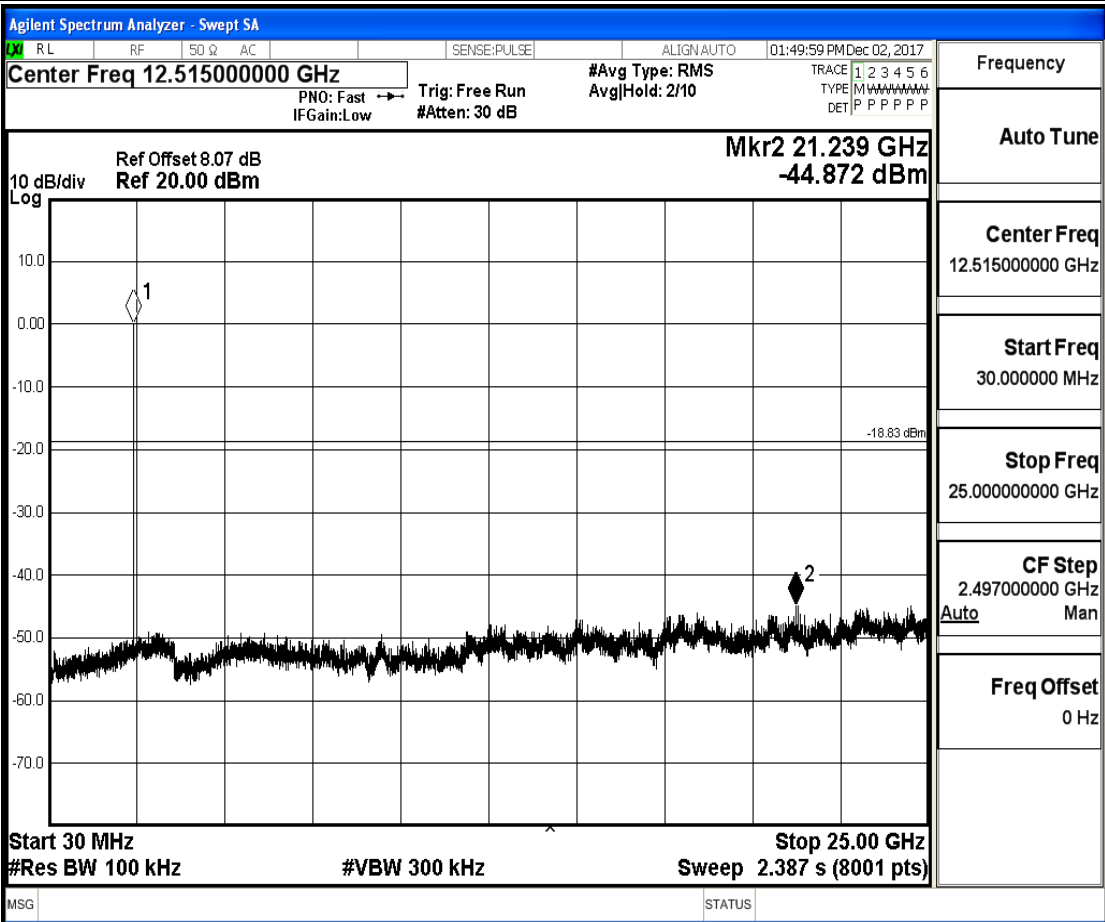
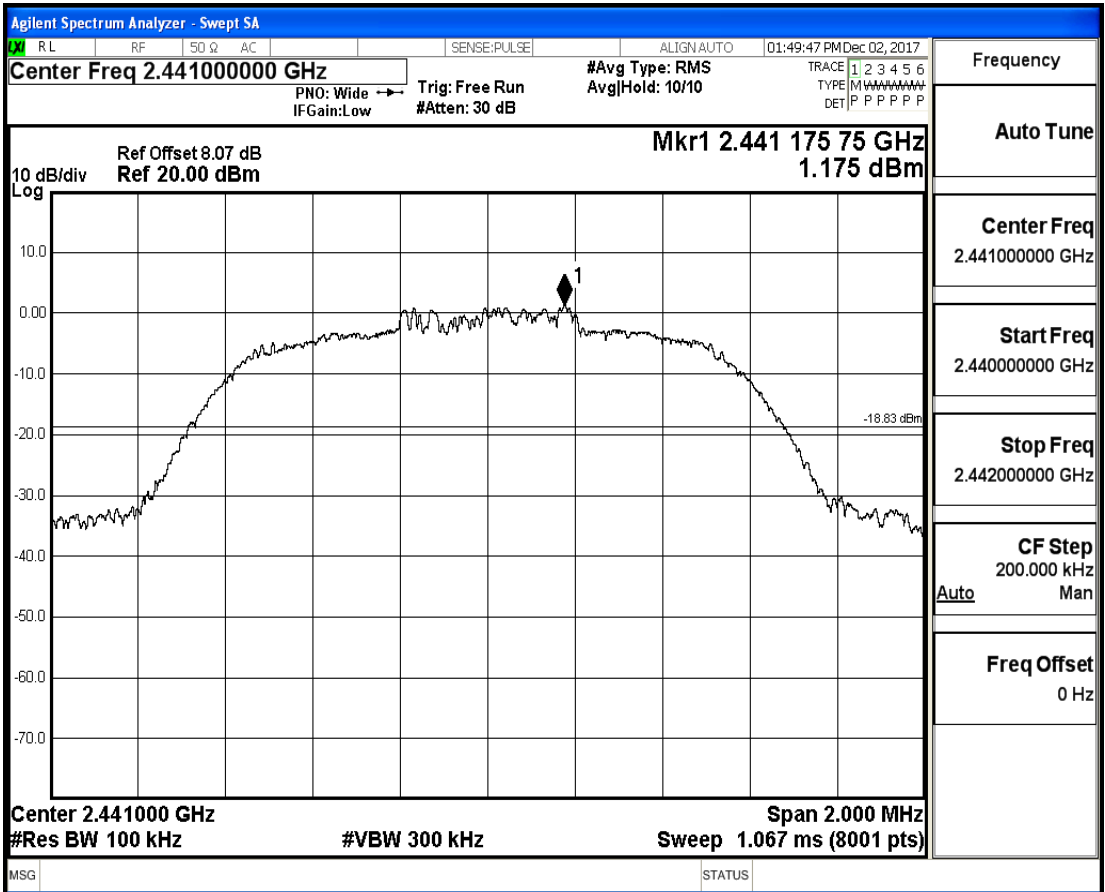
RF Conducted Spurious Emissions_DH5_2480



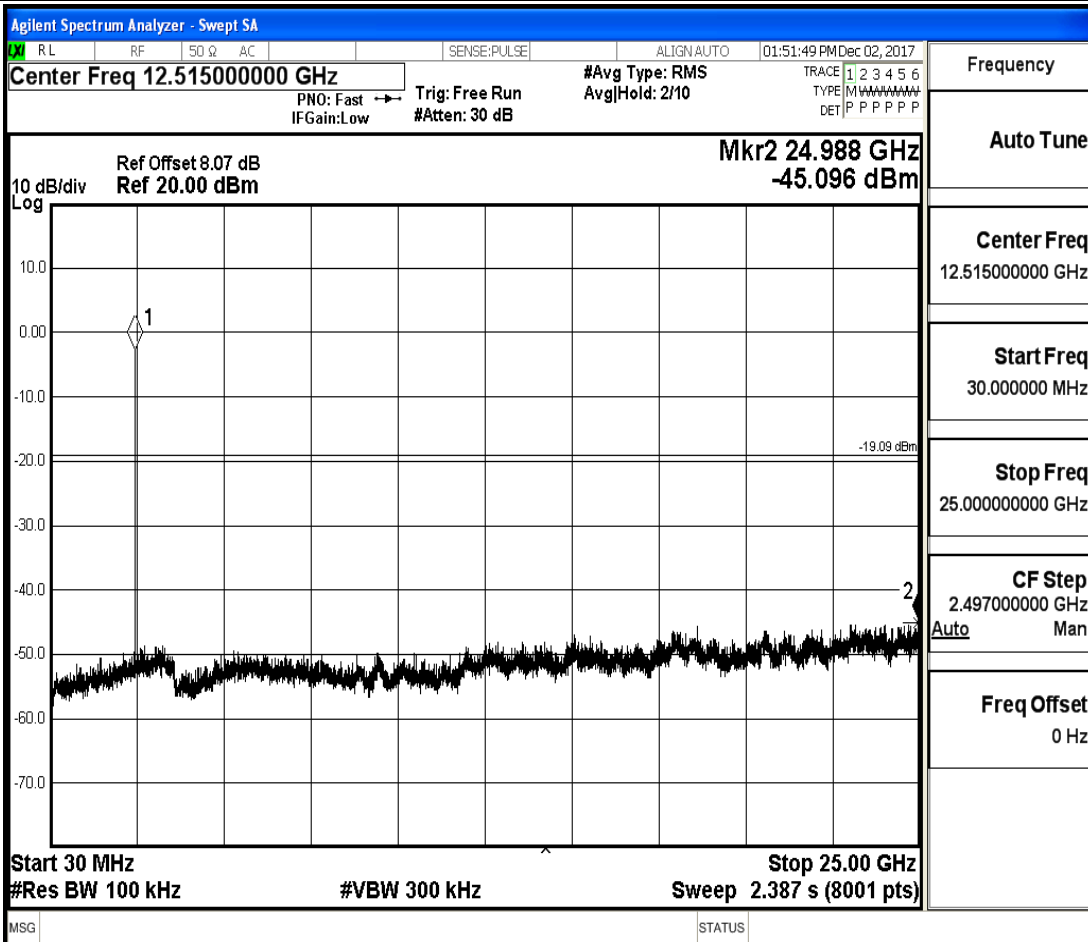
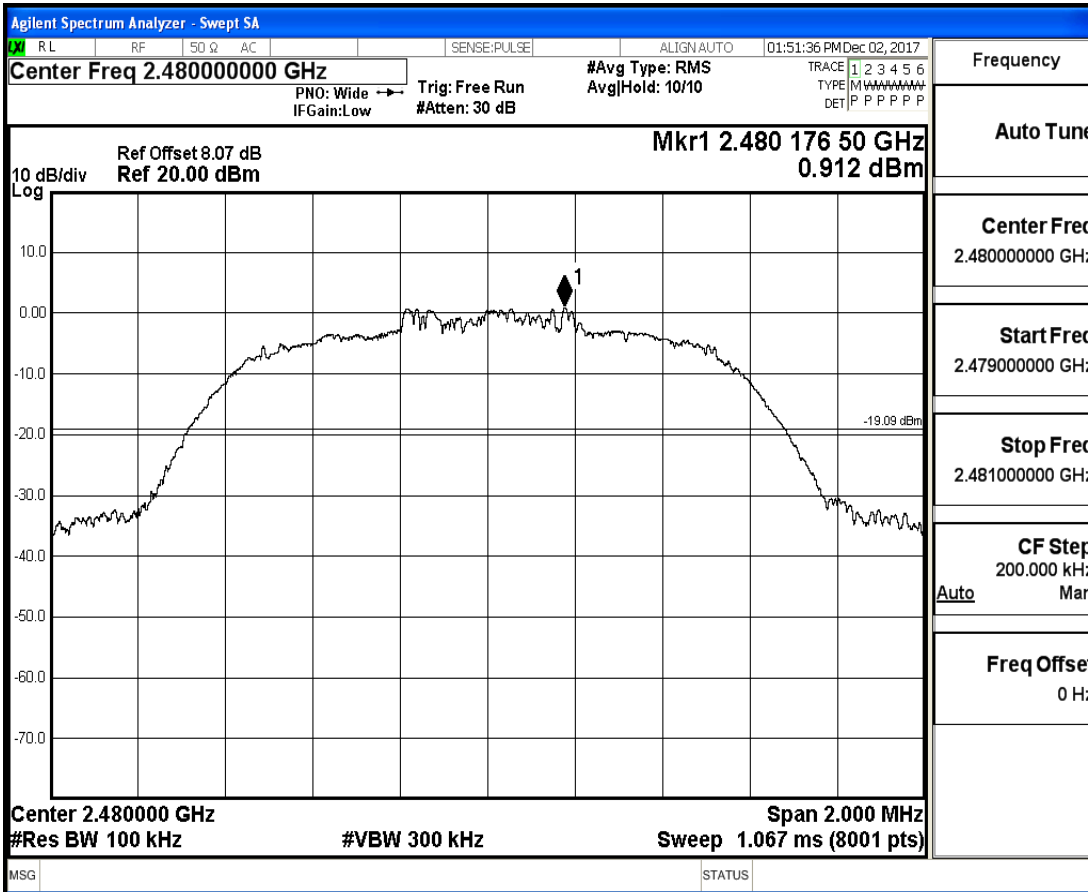
RF Conducted Spurious Emissions_2DH5_2402



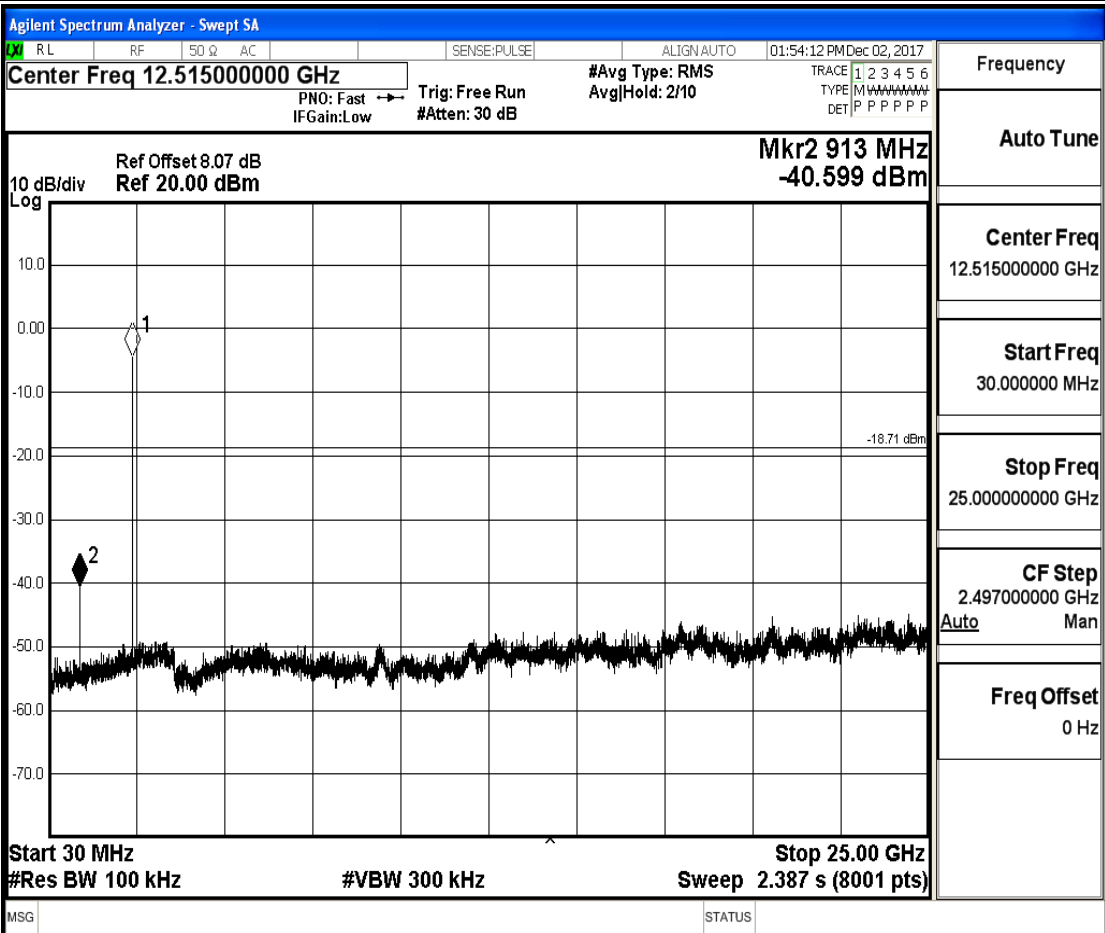
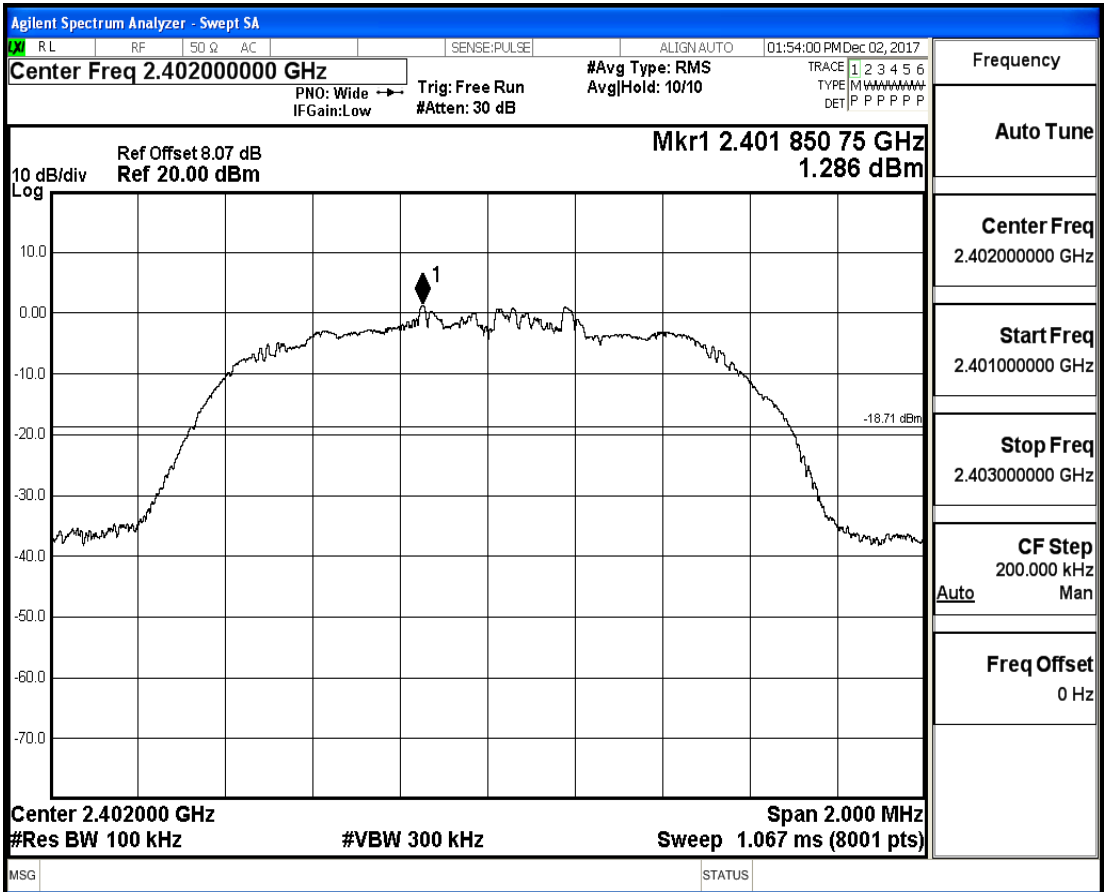
RF Conducted Spurious Emissions_2DH5_2441



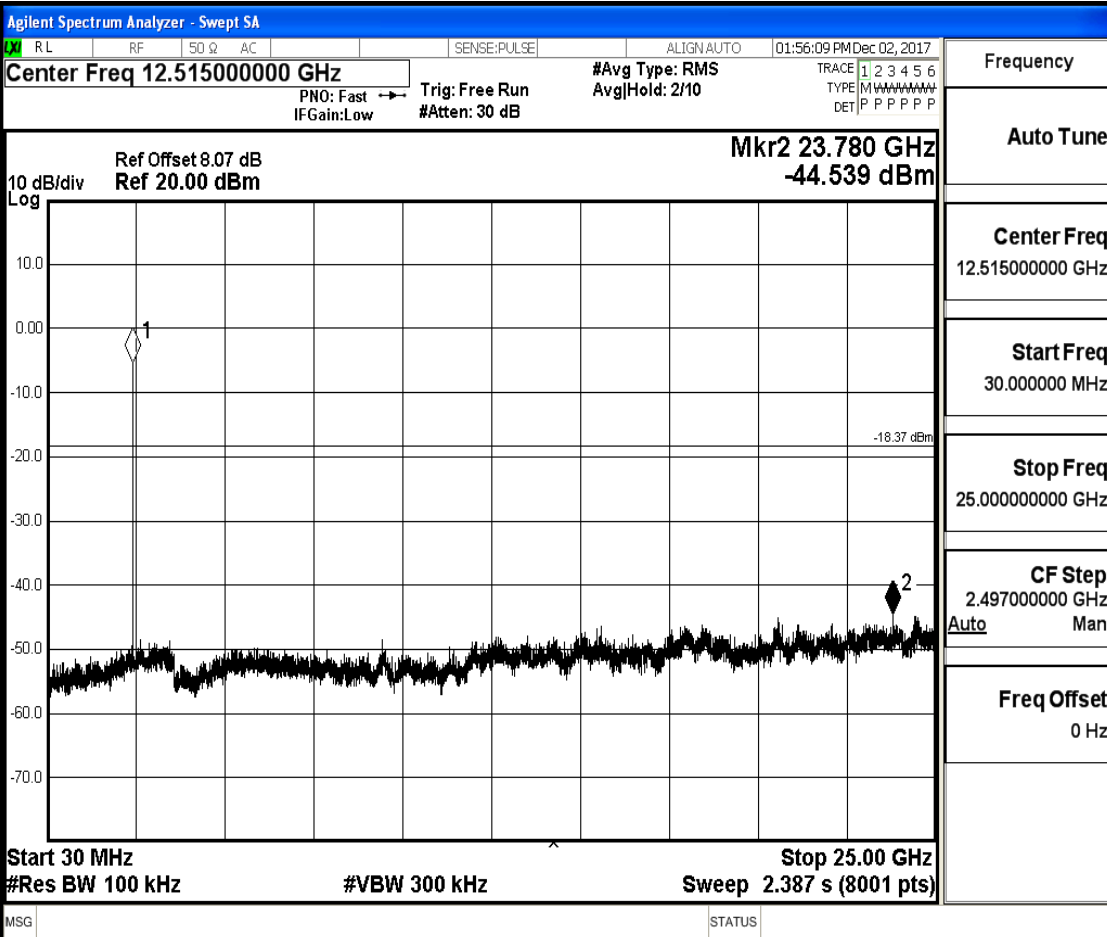
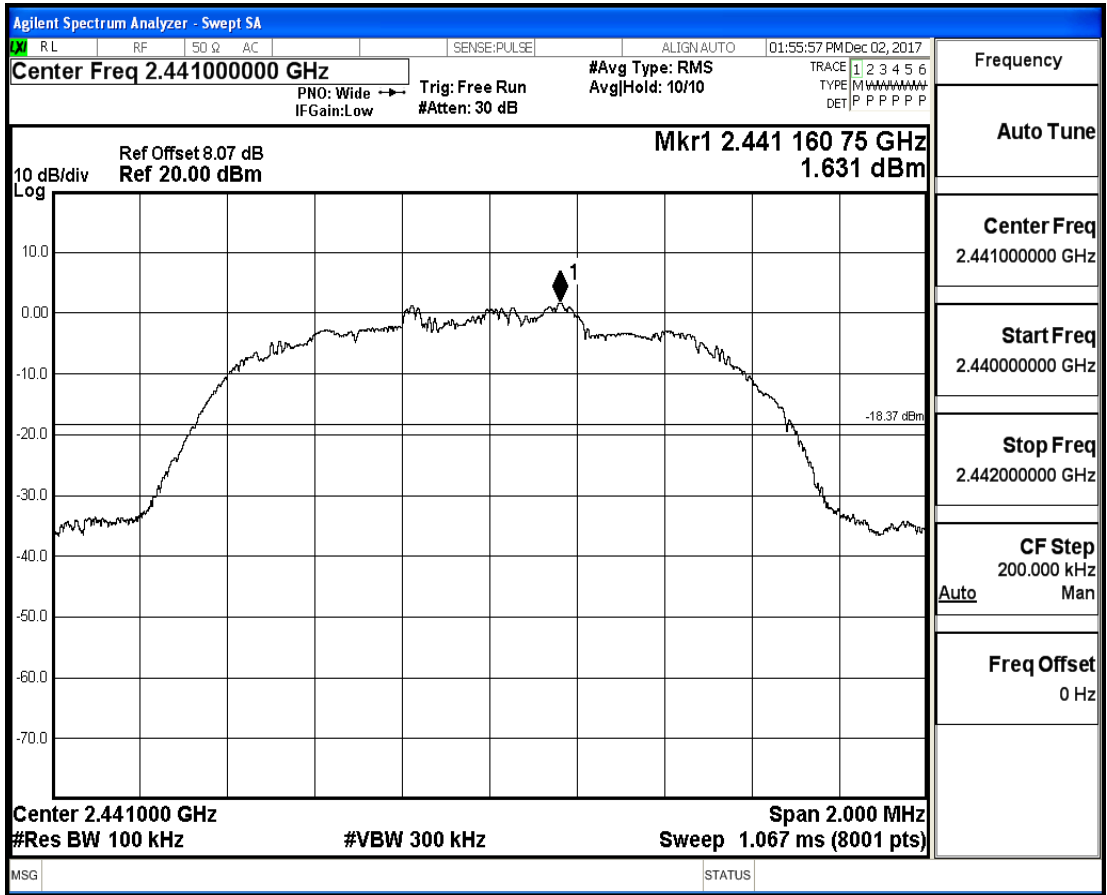
RF Conducted Spurious Emissions_2DH5_2480



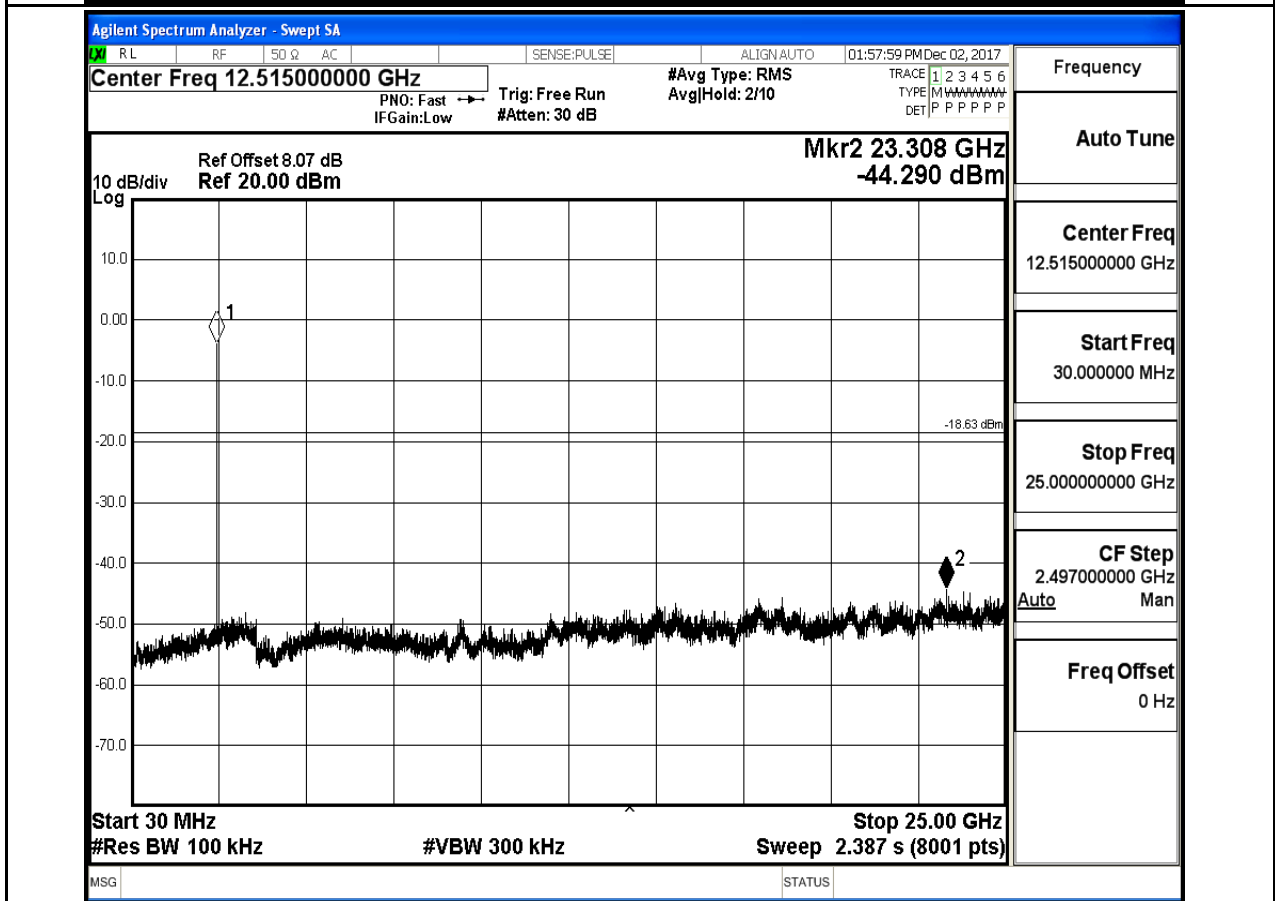
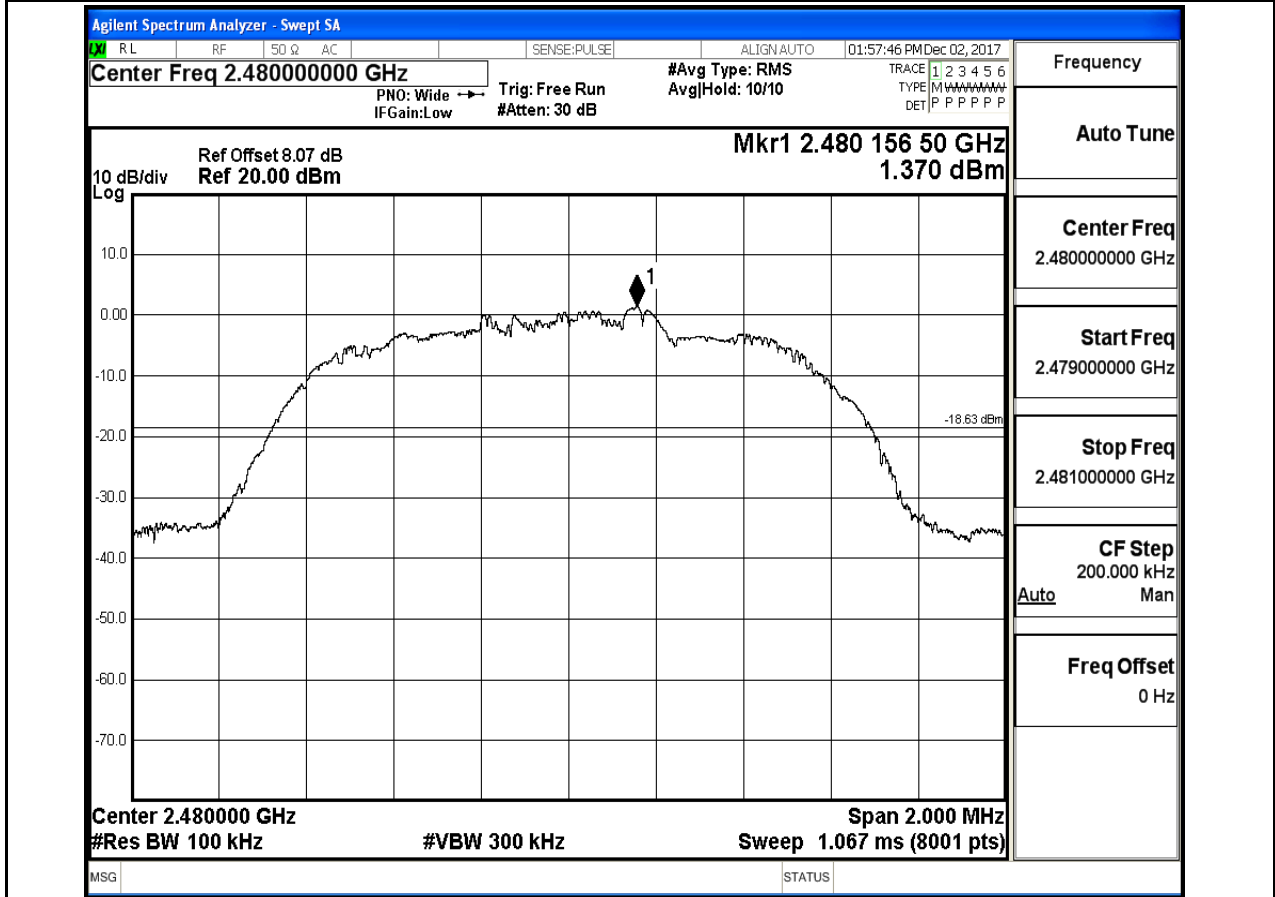
RF Conducted Spurious Emissions_3DH5_2402



RF Conducted Spurious Emissions_3DH5_2441



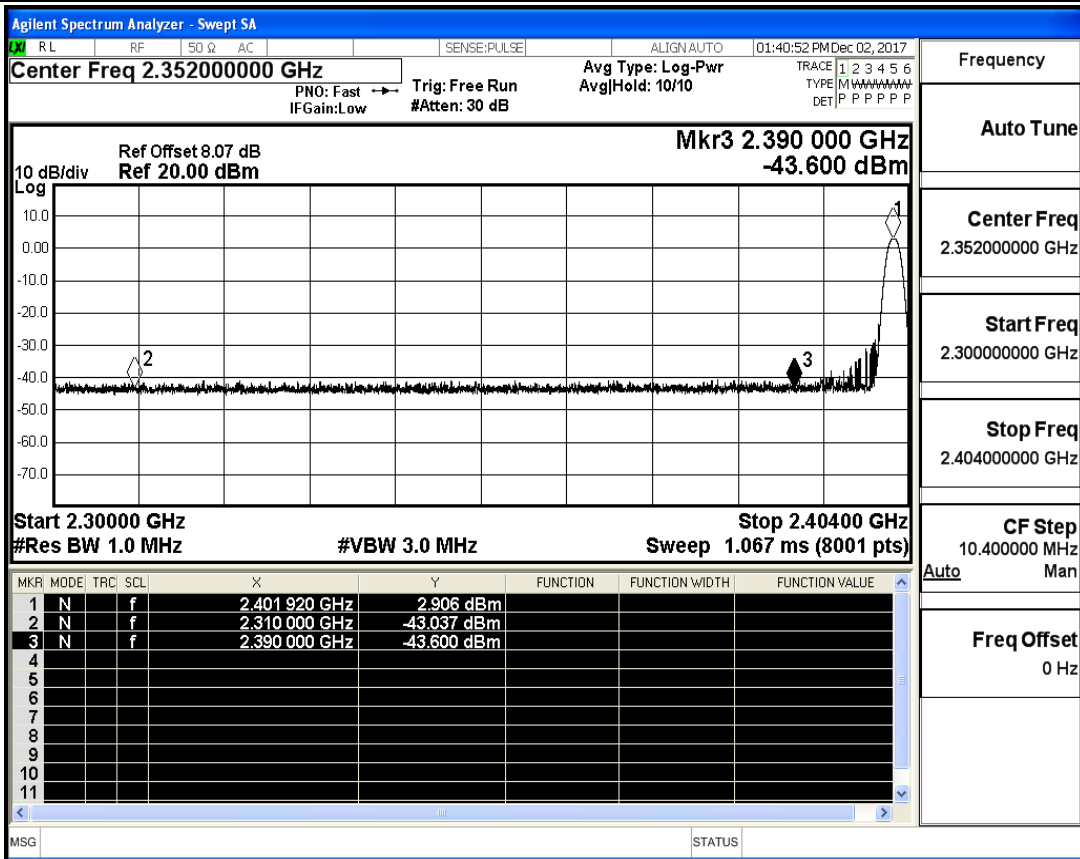
RF Conducted Spurious Emissions_3DH5_2480



A.8.Restrict-band band-edge measurements

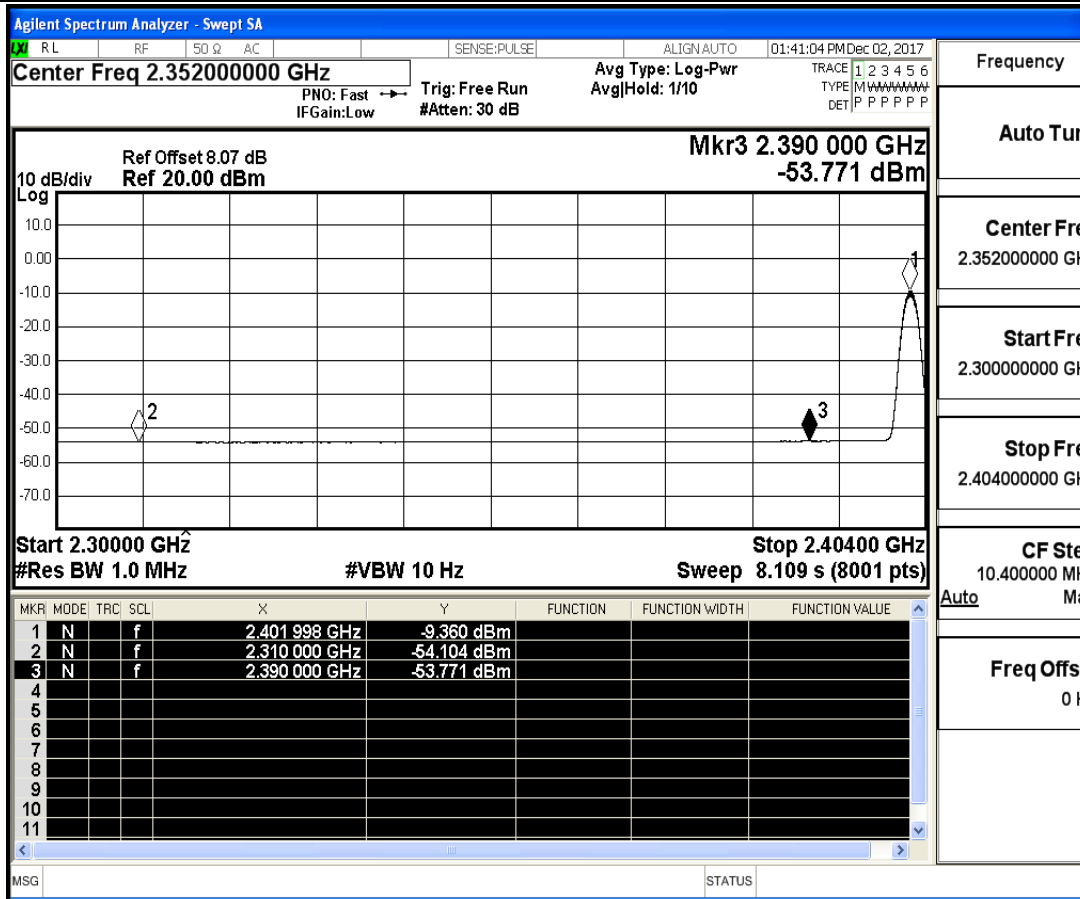
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
DH5	Off	2310.0	-43.04	2	0	54.16	PEAK	74	PASS
DH5	Off	2310.0	-54.10	2	0	43.10	AV	54	PASS
DH5	Off	2390.0	-43.60	2	0	53.60	PEAK	74	PASS
DH5	Off	2390.0	-53.77	2	0	43.43	AV	54	PASS
DH5	Off	2483.5	-35.26	2	0	61.94	PEAK	74	PASS
DH5	Off	2483.5	-53.46	2	0	43.74	AV	54	PASS
DH5	Off	2500.0	-42.11	2	0	55.09	PEAK	74	PASS
DH5	Off	2500.0	-53.48	2	0	43.72	AV	54	PASS
2DH5	Off	2310.0	-43.45	2	0	53.75	PEAK	74	PASS
2DH5	Off	2310.0	-54.04	2	0	43.16	AV	54	PASS
2DH5	Off	2390.0	-43.35	2	0	53.85	PEAK	74	PASS
2DH5	Off	2390.0	-53.76	2	0	43.44	AV	54	PASS
2DH5	Off	2483.5	-43.20	2	0	54.00	PEAK	74	PASS
2DH5	Off	2483.5	-53.35	2	0	43.85	AV	54	PASS
2DH5	Off	2500.0	-44.06	2	0	53.14	PEAK	74	PASS
2DH5	Off	2500.0	-53.42	2	0	43.78	AV	54	PASS
3DH5	Off	2310.0	-42.55	2	0	54.65	PEAK	74	PASS
3DH5	Off	2310.0	-54.05	2	0	43.15	AV	54	PASS
3DH5	Off	2390.0	-43.34	2	0	53.86	PEAK	74	PASS
3DH5	Off	2390.0	-53.74	2	0	43.46	AV	54	PASS
3DH5	Off	2483.5	-42.90	2	0	54.30	PEAK	74	PASS
3DH5	Off	2483.5	-53.34	2	0	43.86	AV	54	PASS
3DH5	Off	2500.0	-43.74	2	0	53.46	PEAK	74	PASS
3DH5	Off	2500.0	-53.42	2	0	43.78	AV	54	PASS

Restrict-band band-edge measurements_2402_PEAK



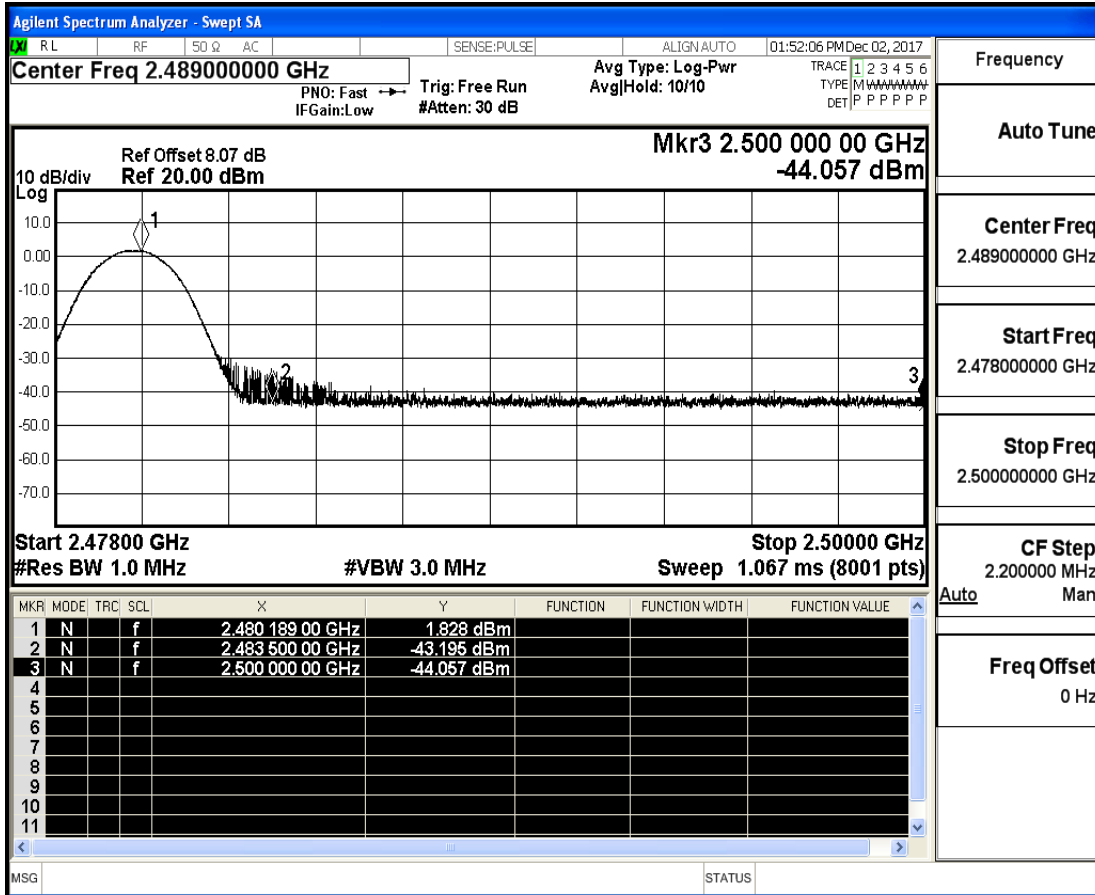
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Auto Tune	
Center Freq	2.352000000 GHz
Start Freq	2.300000000 GHz
Stop Freq	2.404000000 GHz
CF Step	10.400000 MHz
Auto	Man
Freq Offset	0 Hz

Restrict-band band-edge measurements_2402_AV

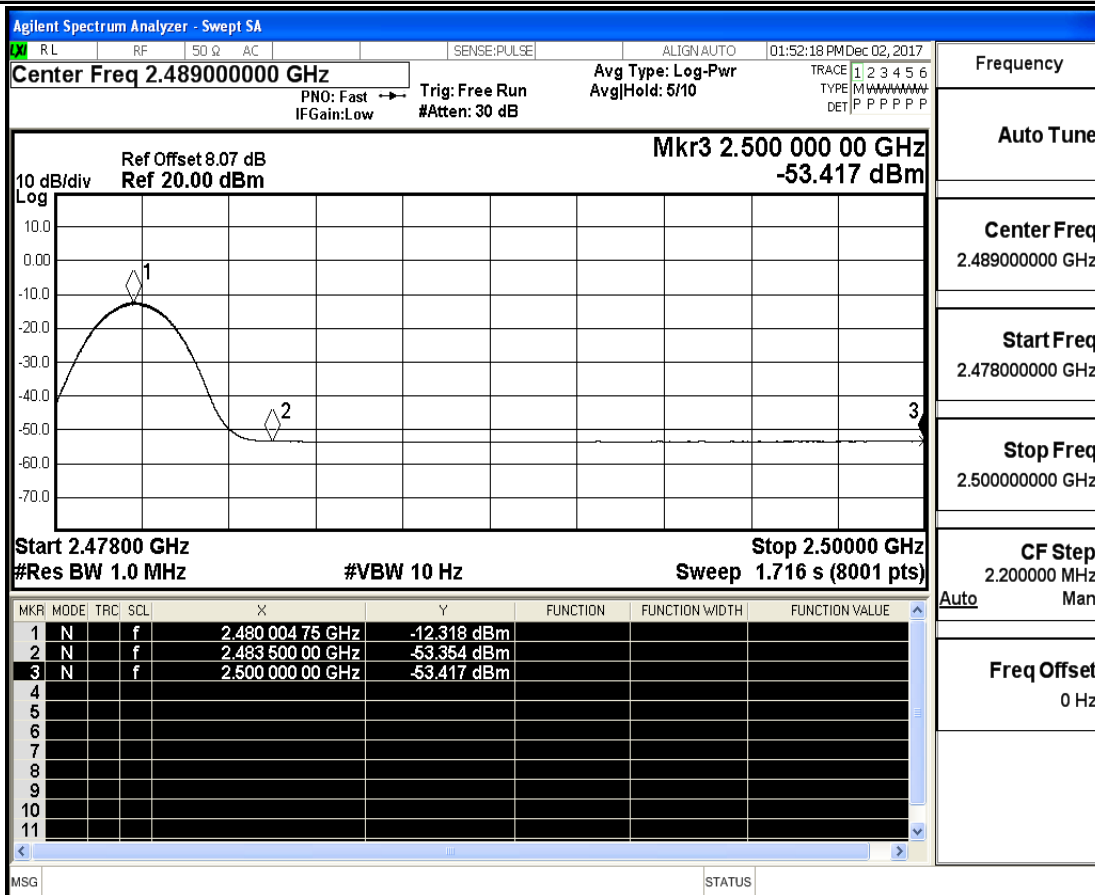


Frequency	
Auto Tune	
Center Freq	2.352000000 GHz
Start Freq	2.300000000 GHz
Stop Freq	2.404000000 GHz
CF Step	10.400000 MHz
Auto	Man
Freq Offset	0 Hz

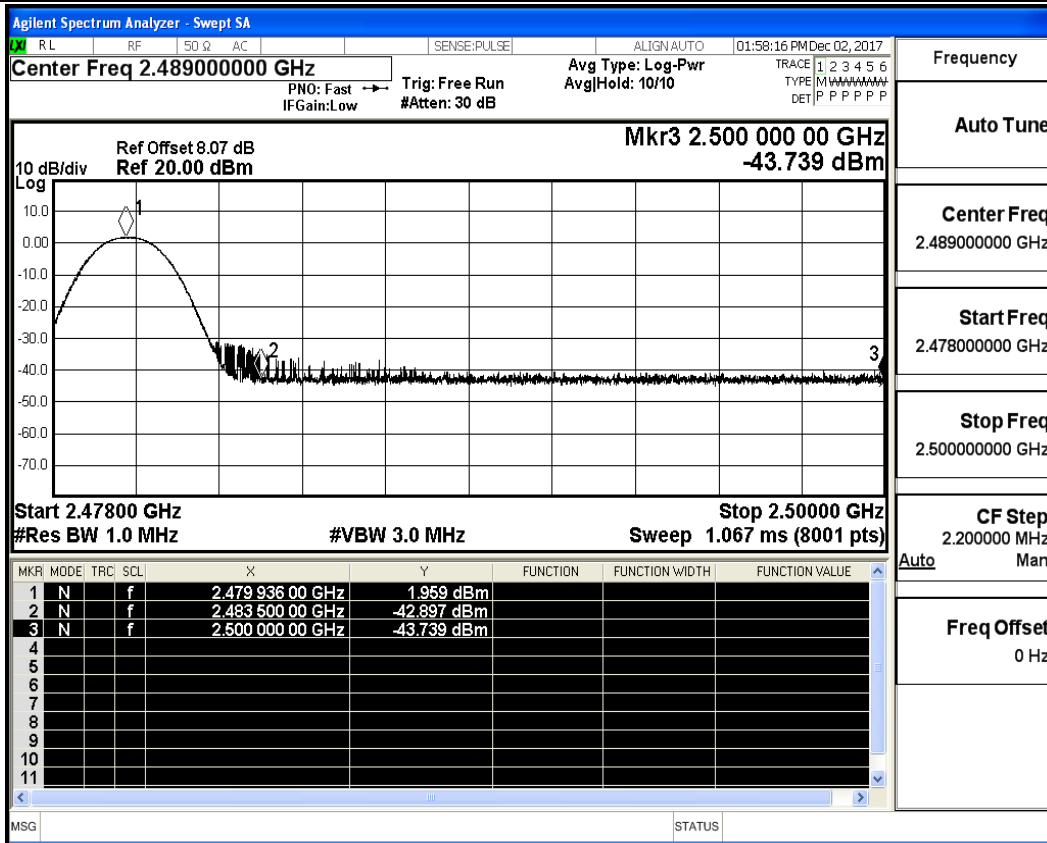
Restrict-band band-edge measurements_2480_PEAK



Restrict-band band-edge measurements_2480_AV



Restrict-band band-edge measurements_2480_PEAK



Restrict-band band-edge measurements_2480_AV

