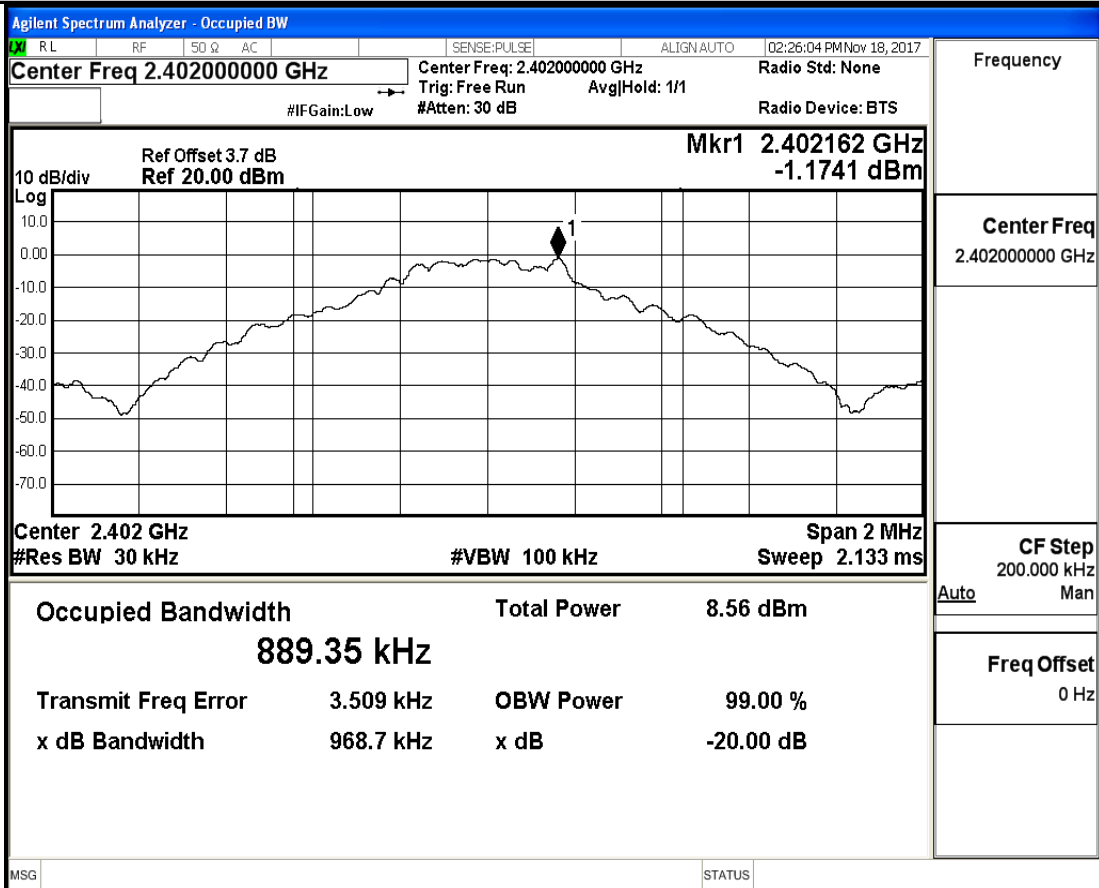


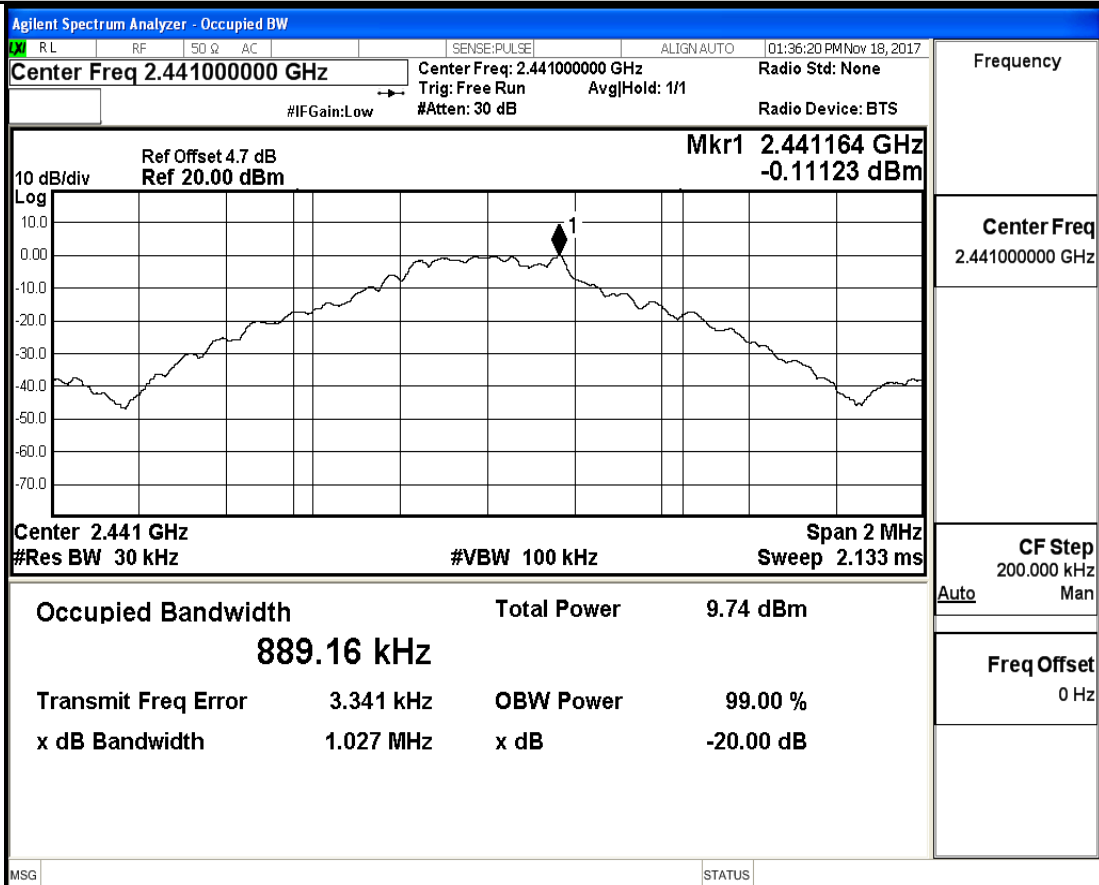
1.20 dB and 99% Bandwidth

Test Mode	Test Channel	20dB OBW[MHz]	99% OBW[MHz]	Limit[MHz]	Verdict
DH5	2402	0.969	0.88935	---	PASS
DH5	2441	1.027	0.88916	---	PASS
DH5	2480	1.031	0.89506	---	PASS
2DH5	2402	1.288	1.1690	---	PASS
2DH5	2441	1.293	1.1738	---	PASS
2DH5	2480	1.291	1.1734	---	PASS
3DH5	2402	1.292	1.1795	---	PASS
3DH5	2441	1.294	1.1828	---	PASS
3DH5	2480	1.297	1.1857	---	PASS

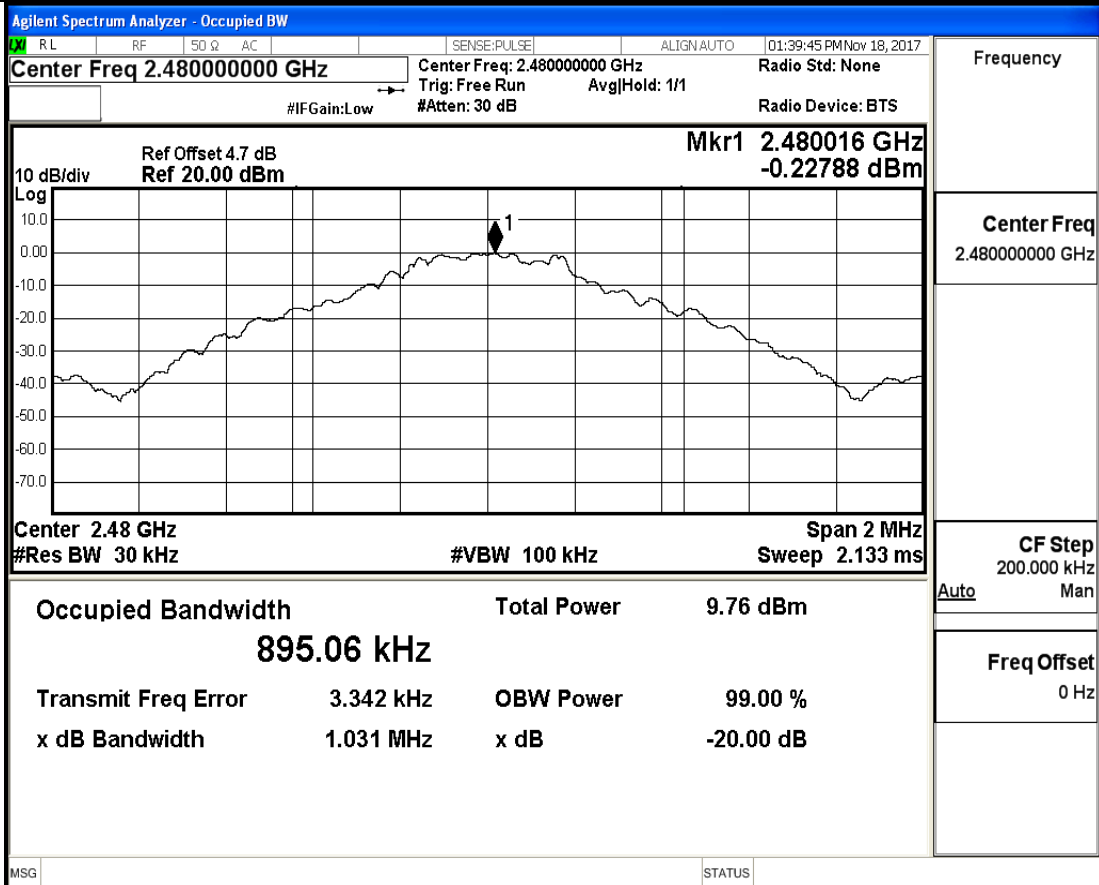
20 dB Bandwidth_DH5_2402



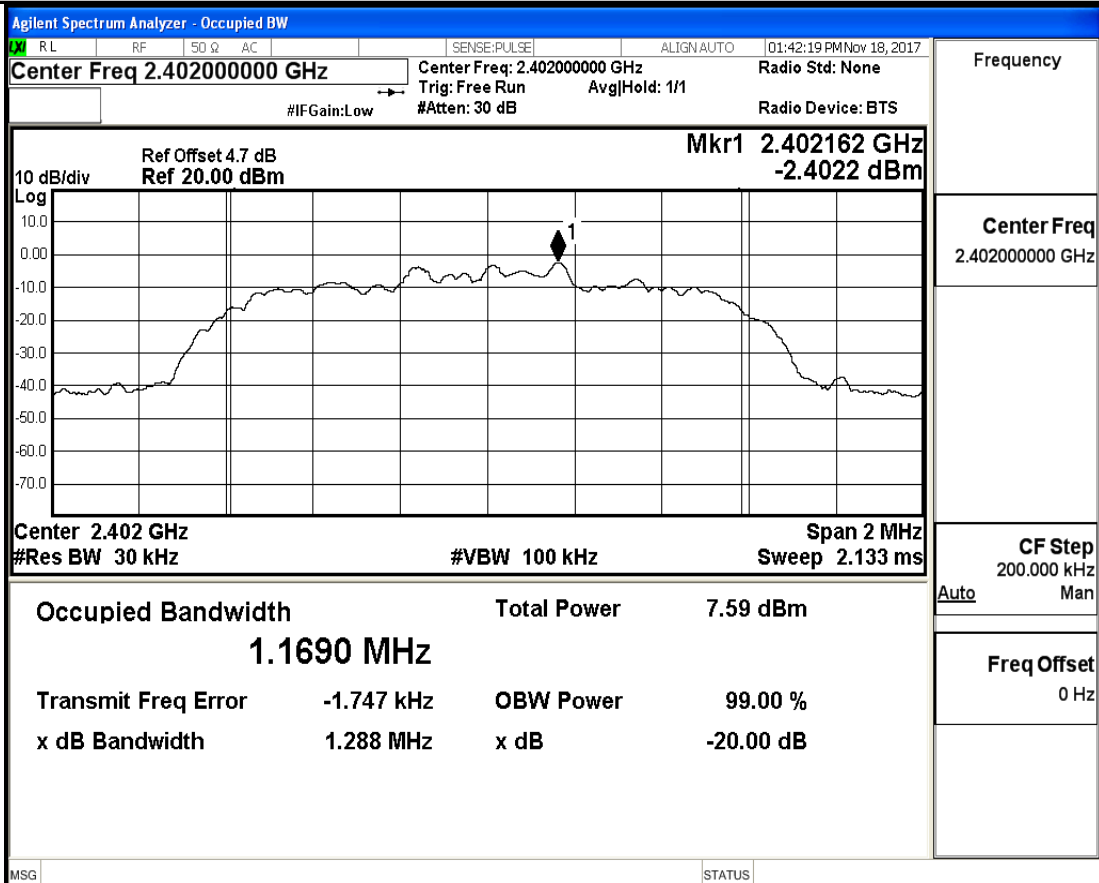
20 dB Bandwidth_DH5_2441



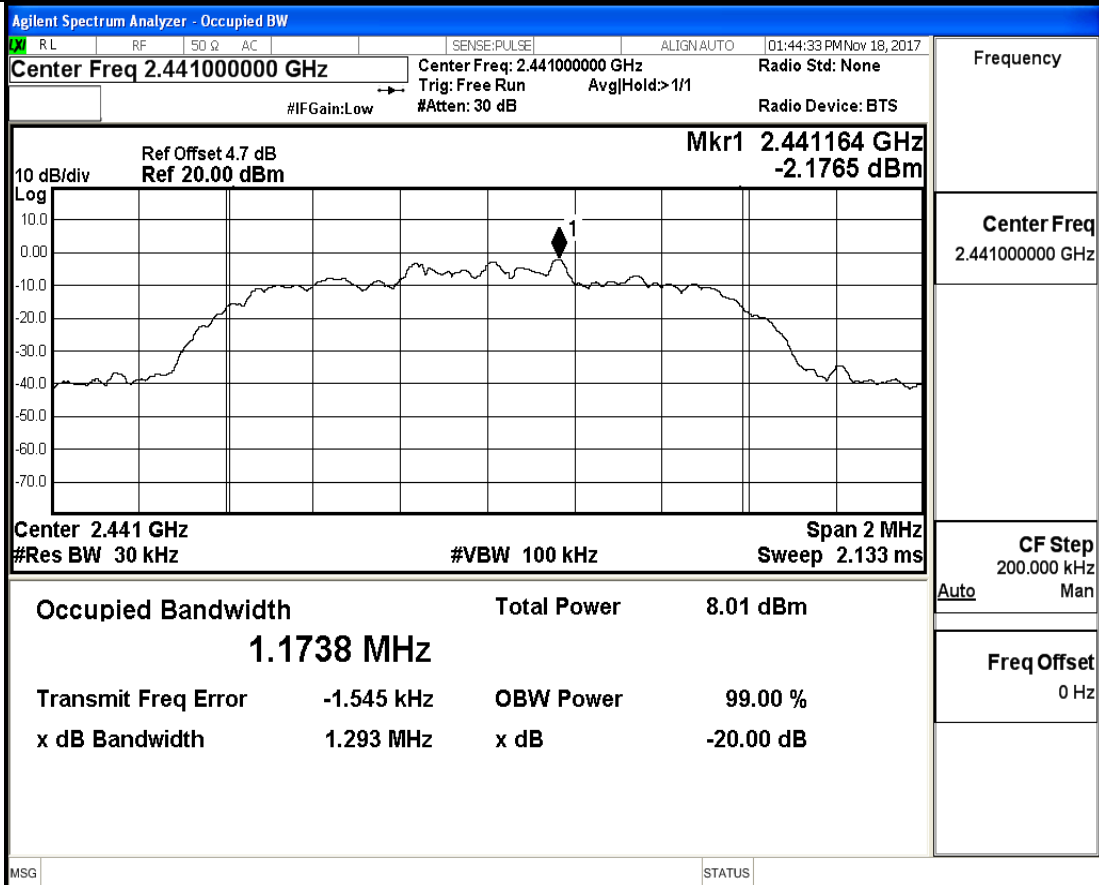
20 dB Bandwidth_DH5_2480



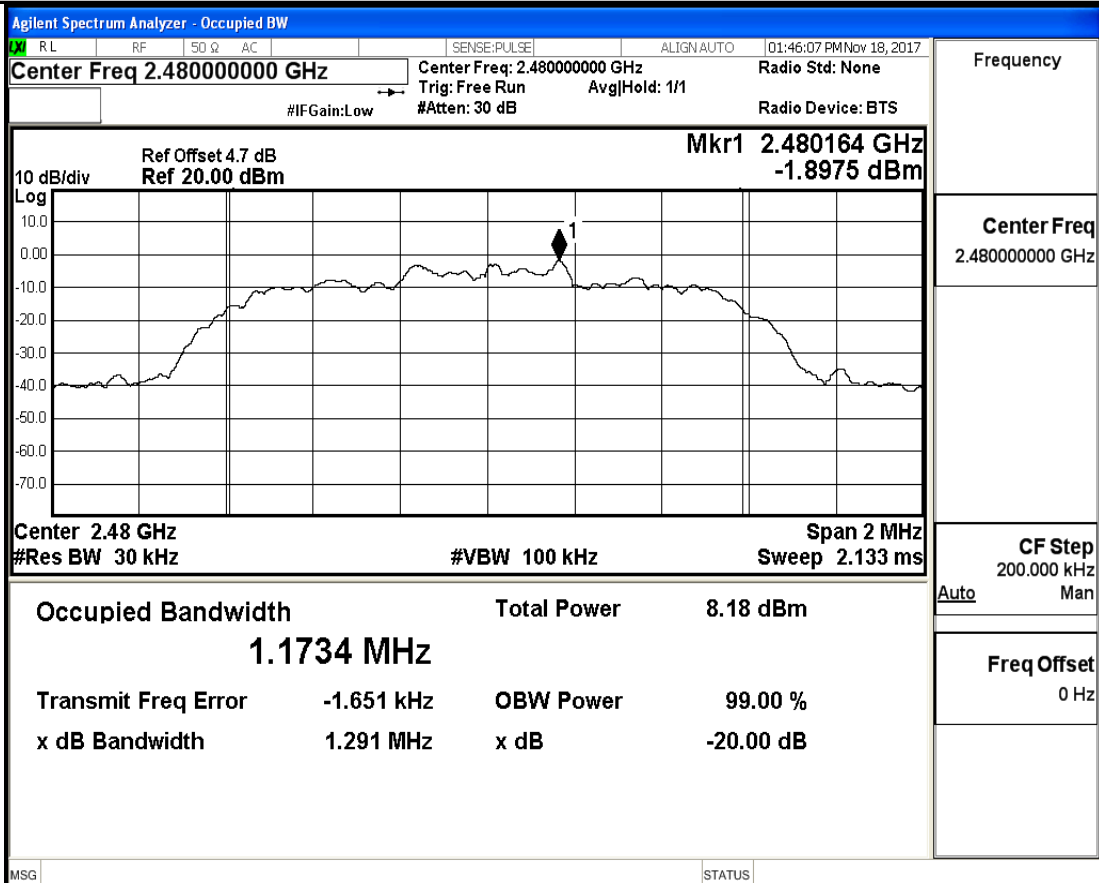
20 dB Bandwidth_2DH5_2402



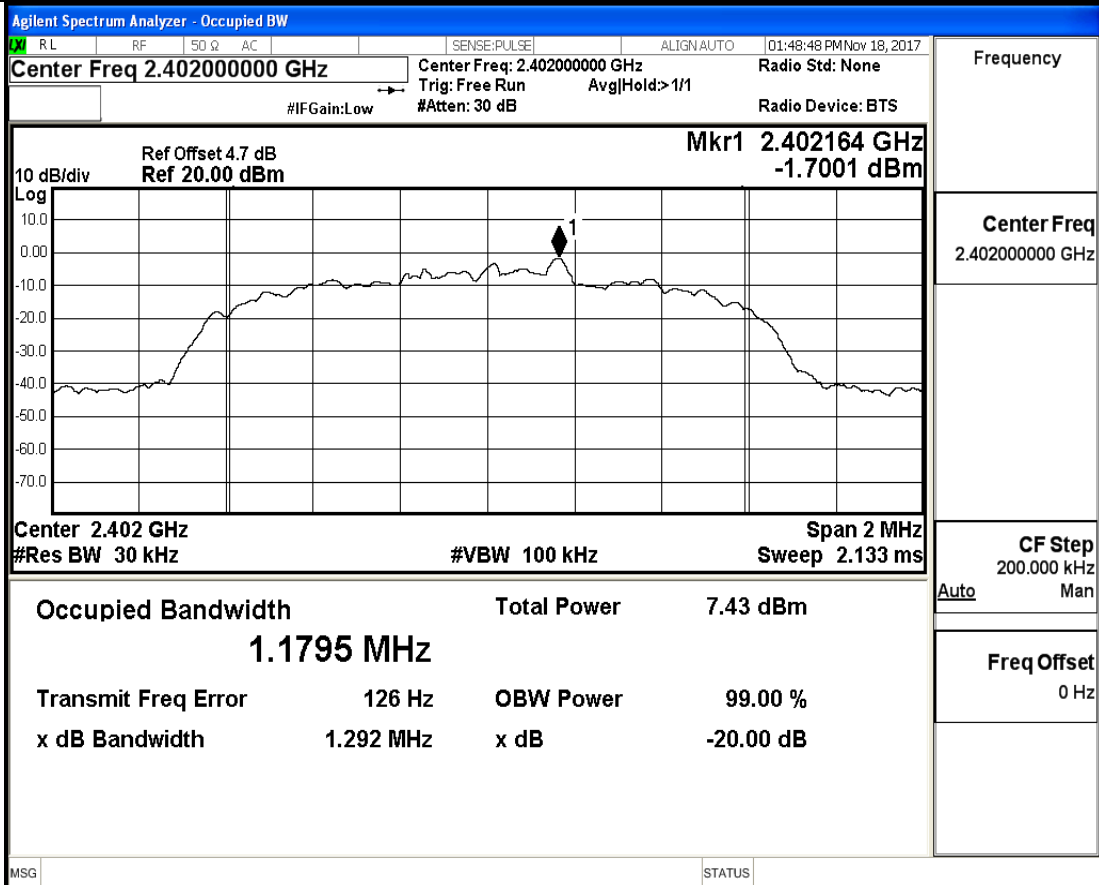
20 dB Bandwidth_2DH5_2441



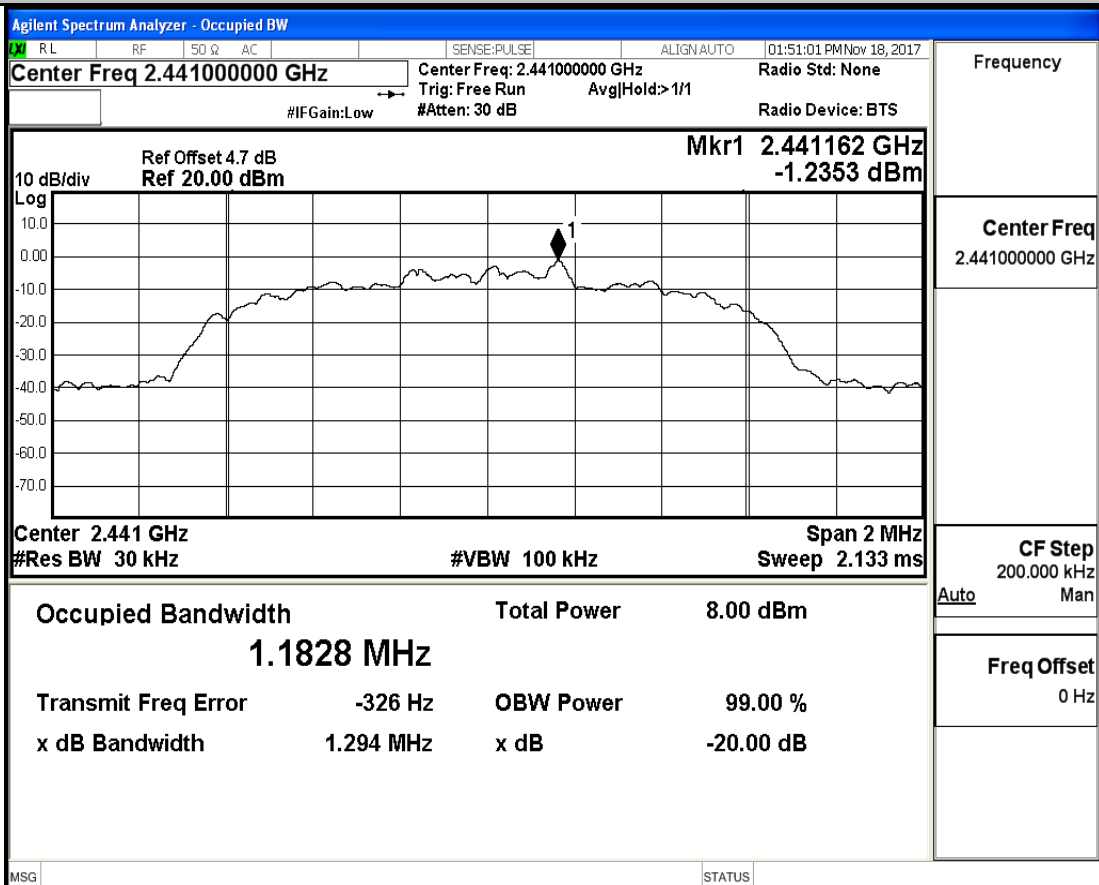
20 dB Bandwidth_2DH5_2480

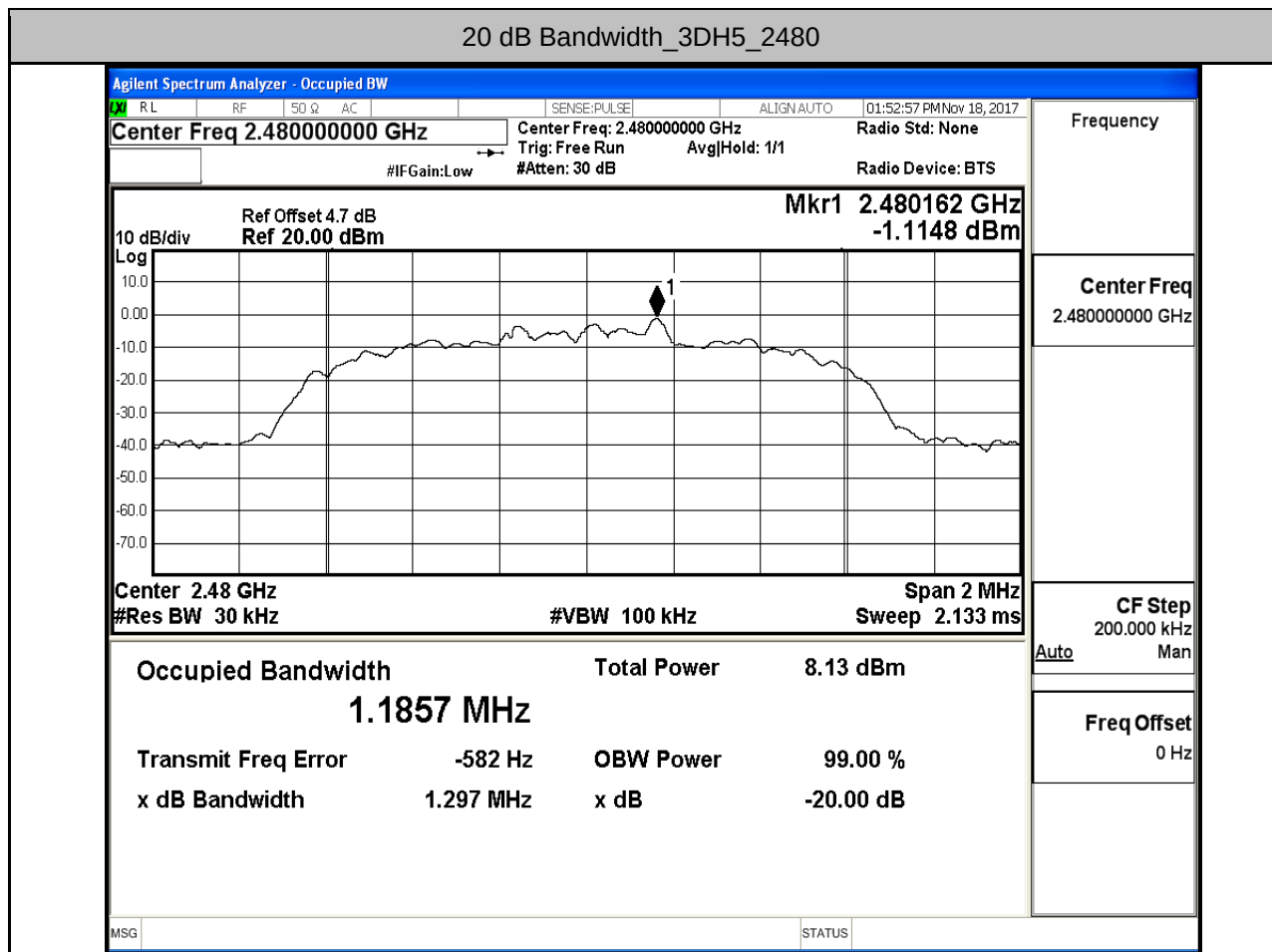


20 dB Bandwidth_3DH5_2402



20 dB Bandwidth_3DH5_2441





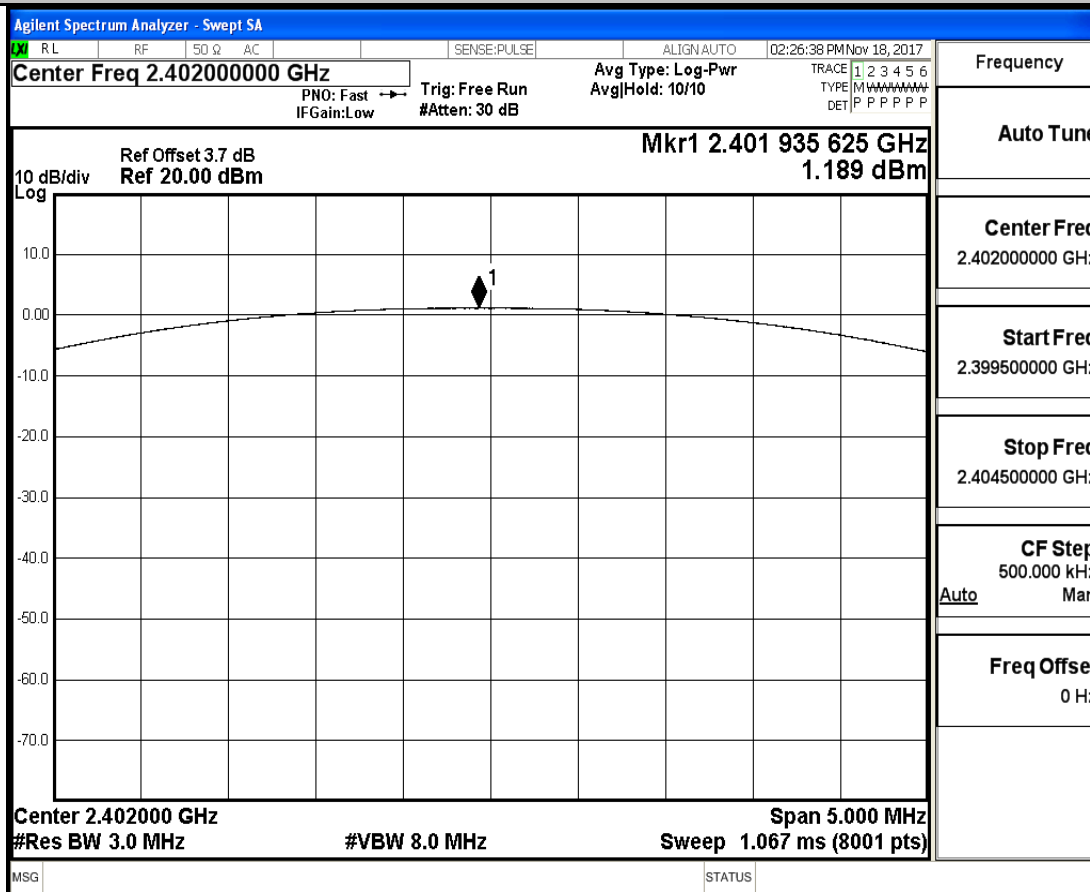
2.Occupied Bandwidth

Test Mode	Test Channel	OBW[MHz]	Limit[MHz]	Verdict
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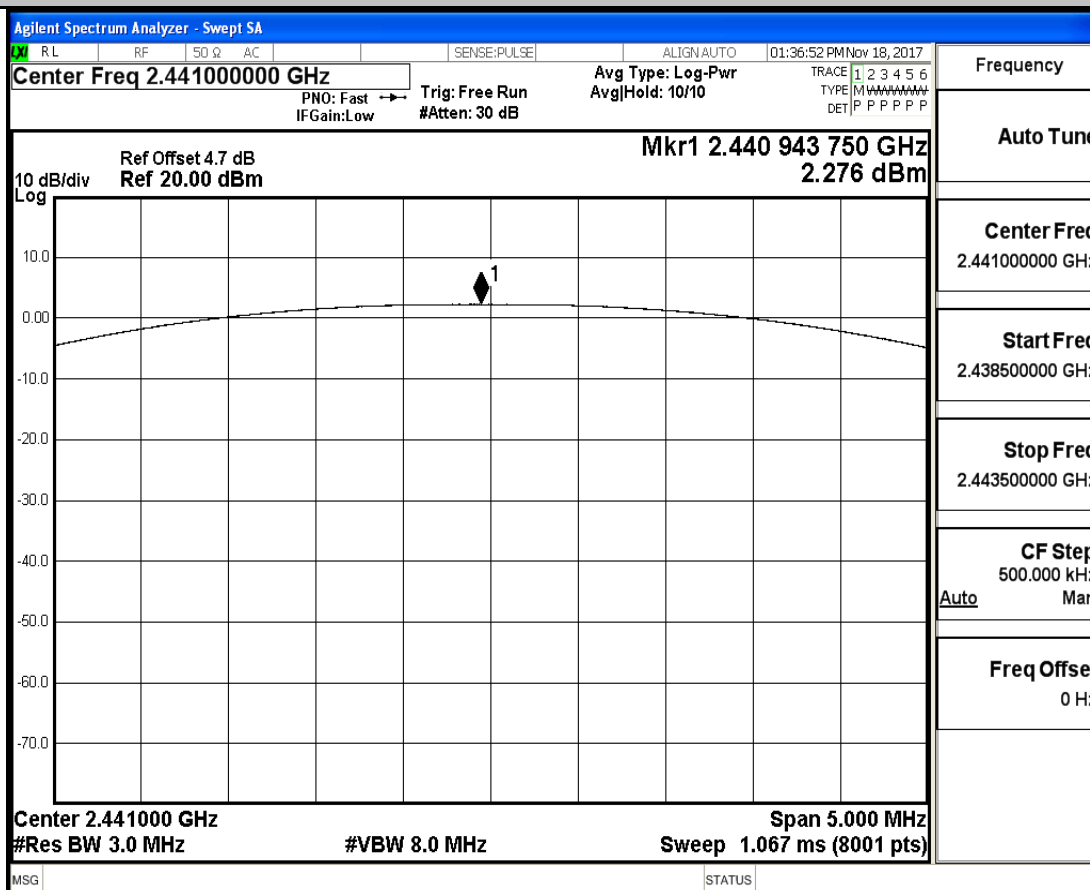
3.Conducted Peak Output Power

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
DH5	2402	1.189	30	PASS
DH5	2441	2.276	30	PASS
DH5	2480	2.370	30	PASS
2DH5	2402	1.327	21	PASS
2DH5	2441	1.589	21	PASS
2DH5	2480	1.698	21	PASS
3DH5	2402	1.499	21	PASS
3DH5	2441	1.792	21	PASS
3DH5	2480	1.868	21	PASS

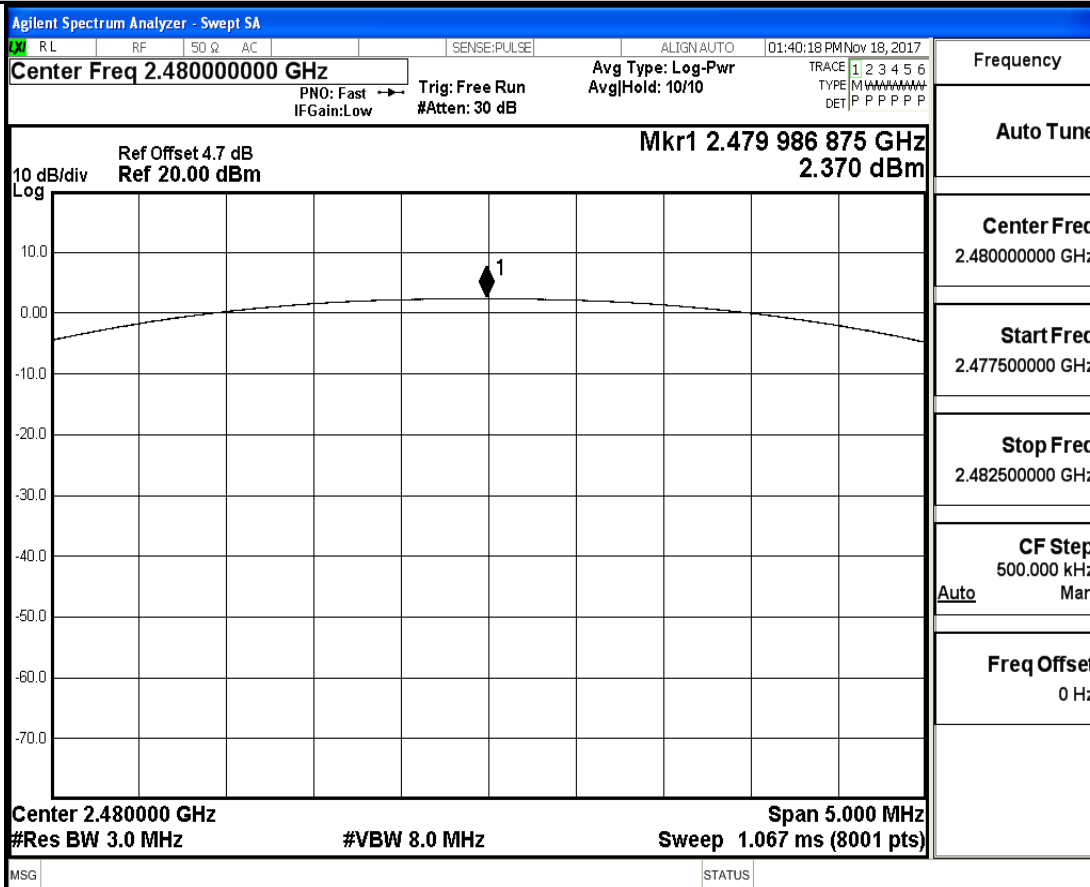
Conducted Peak Output Power_DH5_2402



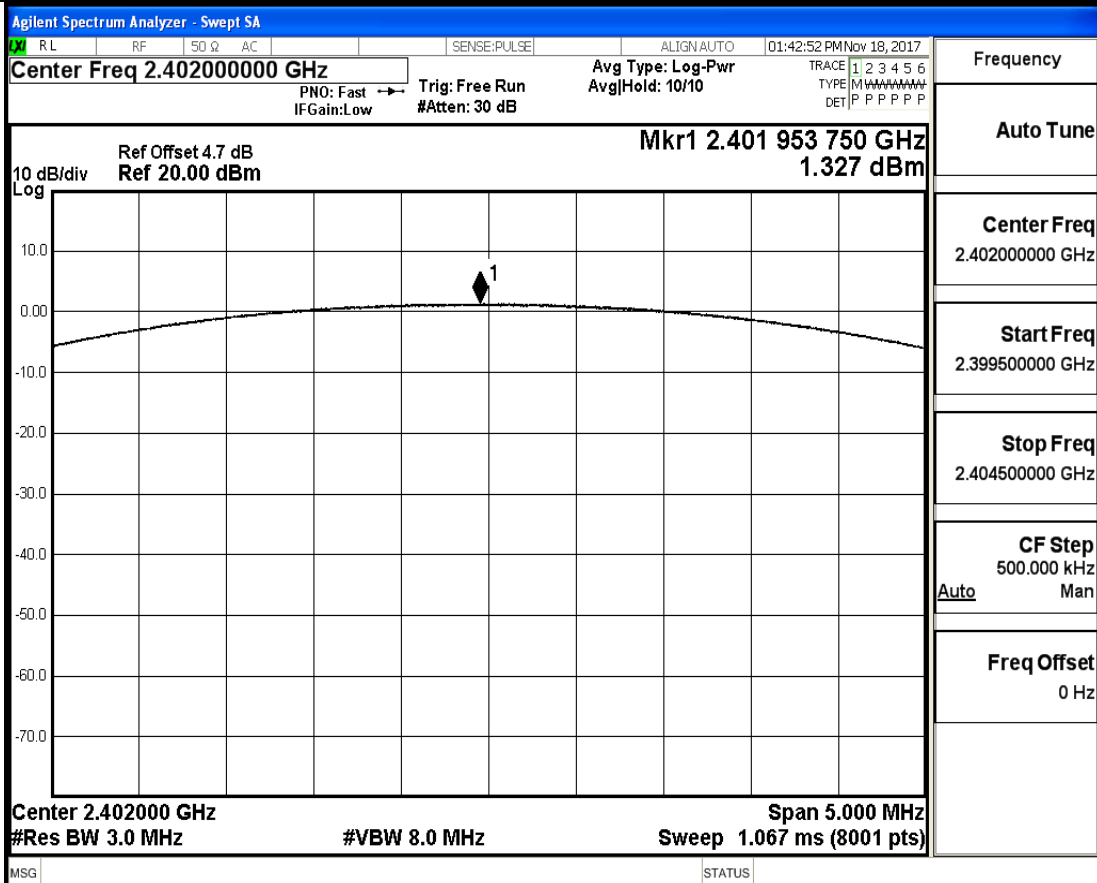
Conducted Peak Output Power_DH5_2441



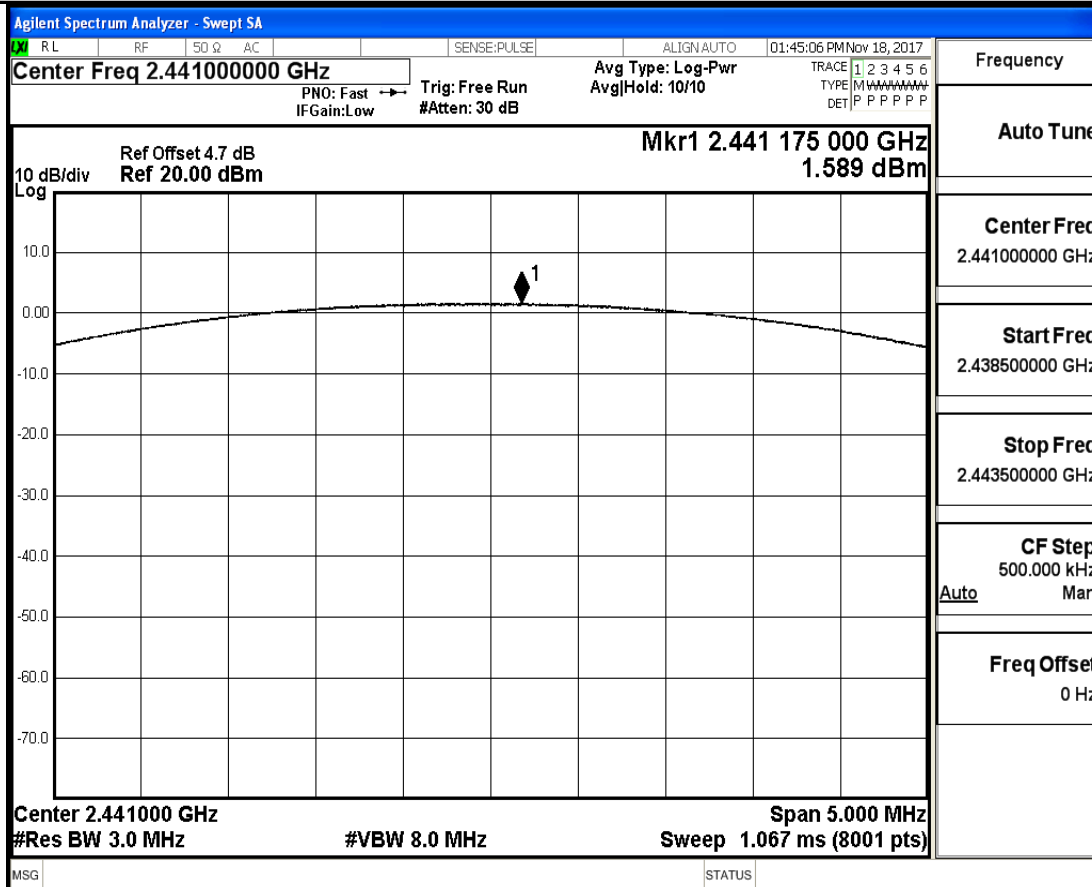
Conducted Peak Output Power_DH5_2480



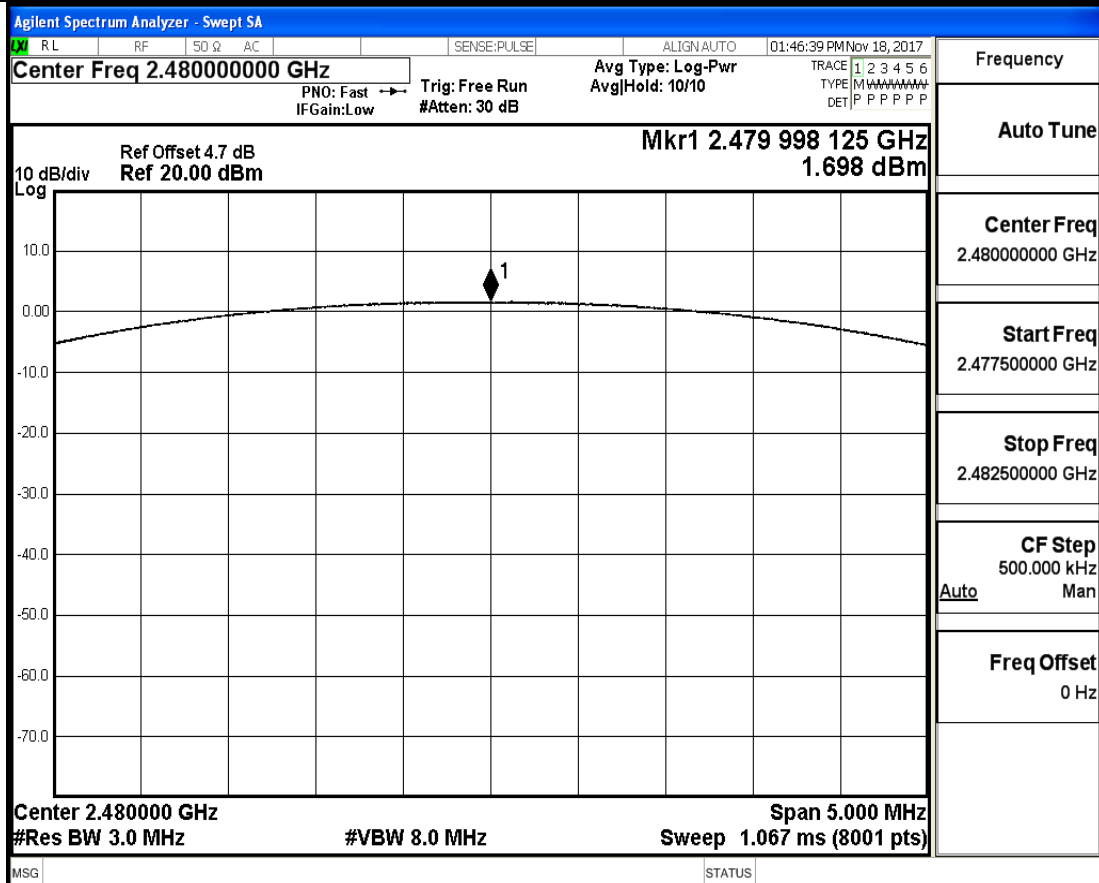
Conducted Peak Output Power_2DH5_2402



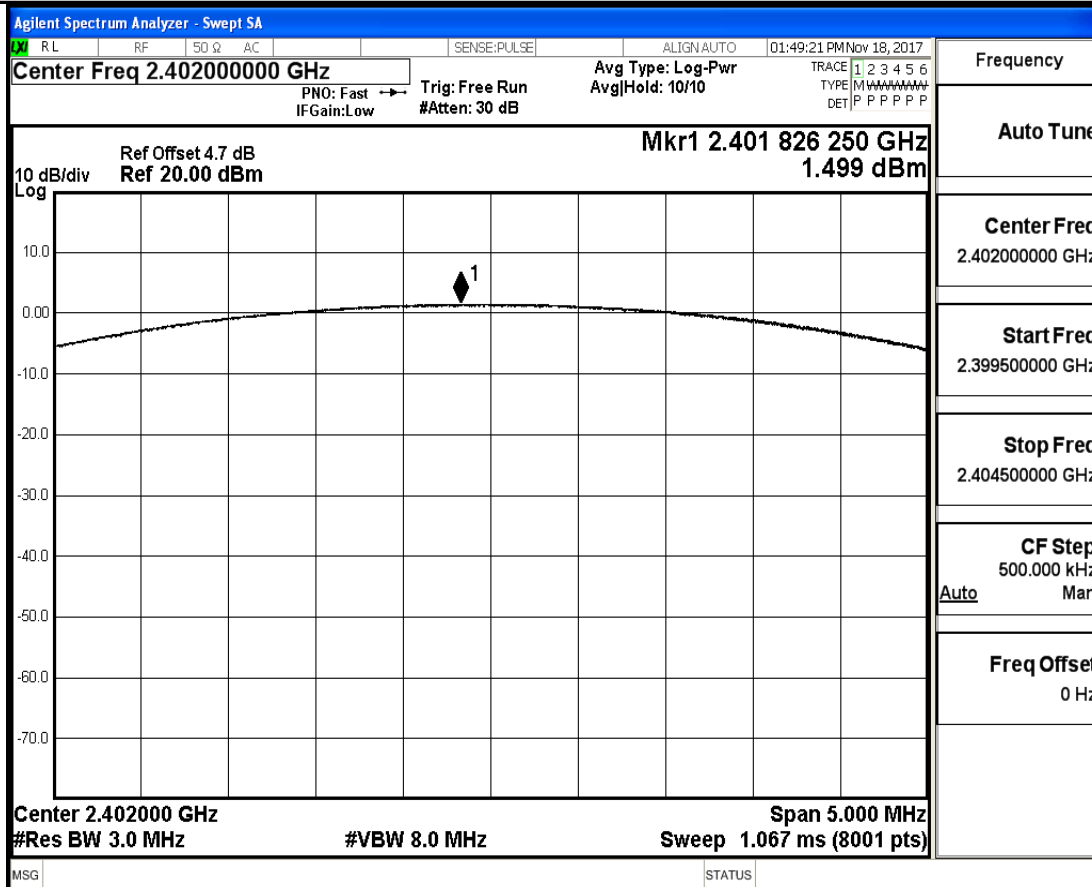
Conducted Peak Output Power_2DH5_2441



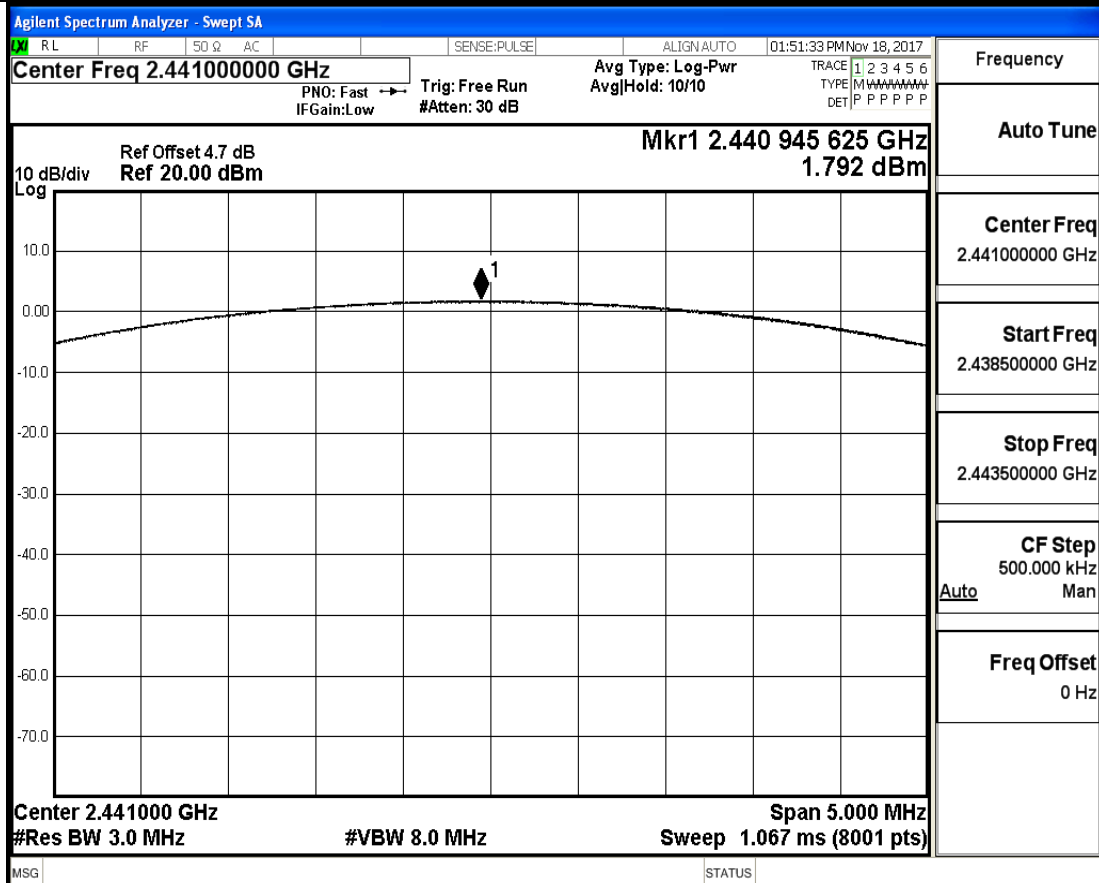
Conducted Peak Output Power_2DH5_2480

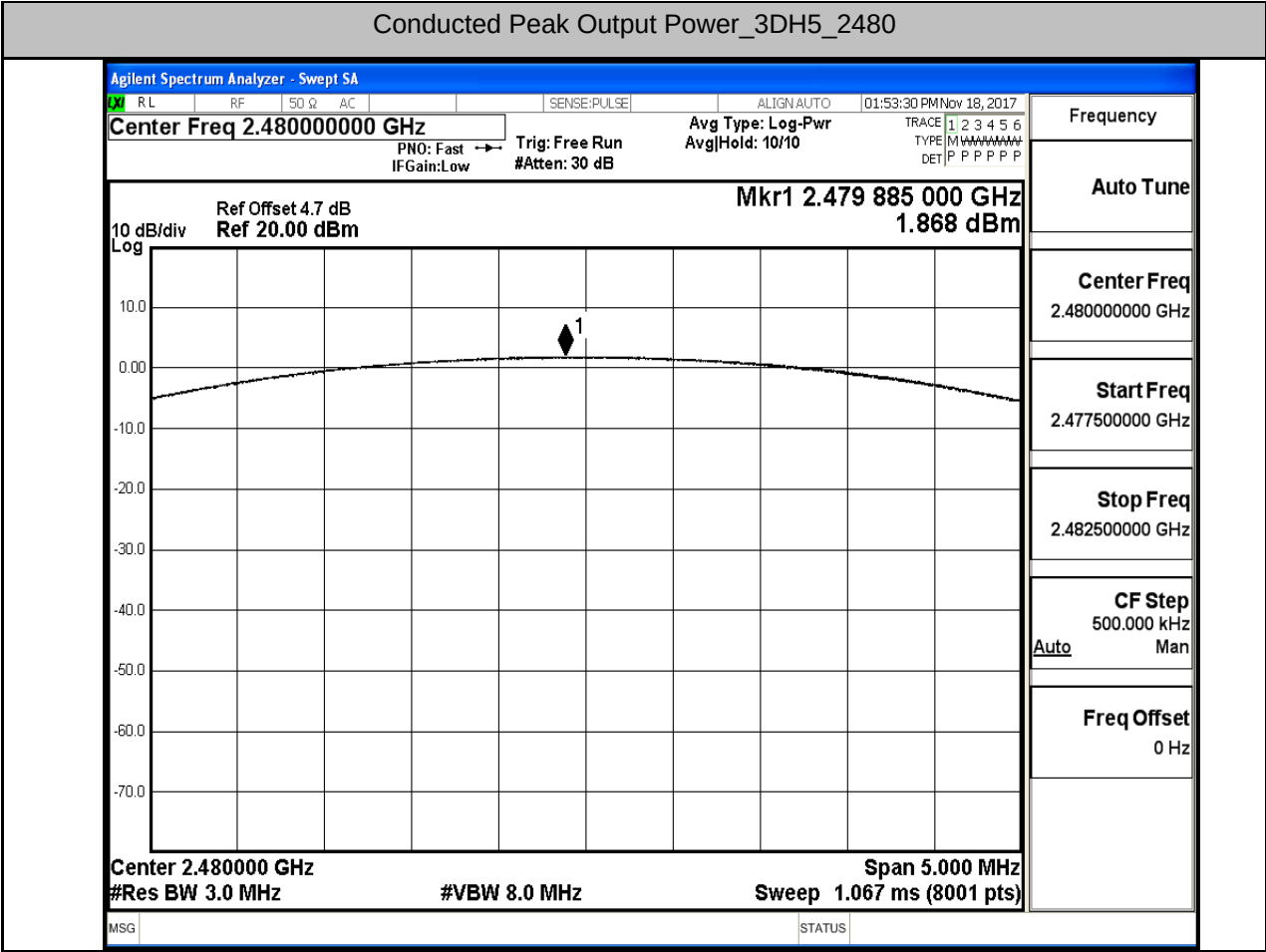


Conducted Peak Output Power_3DH5_2402



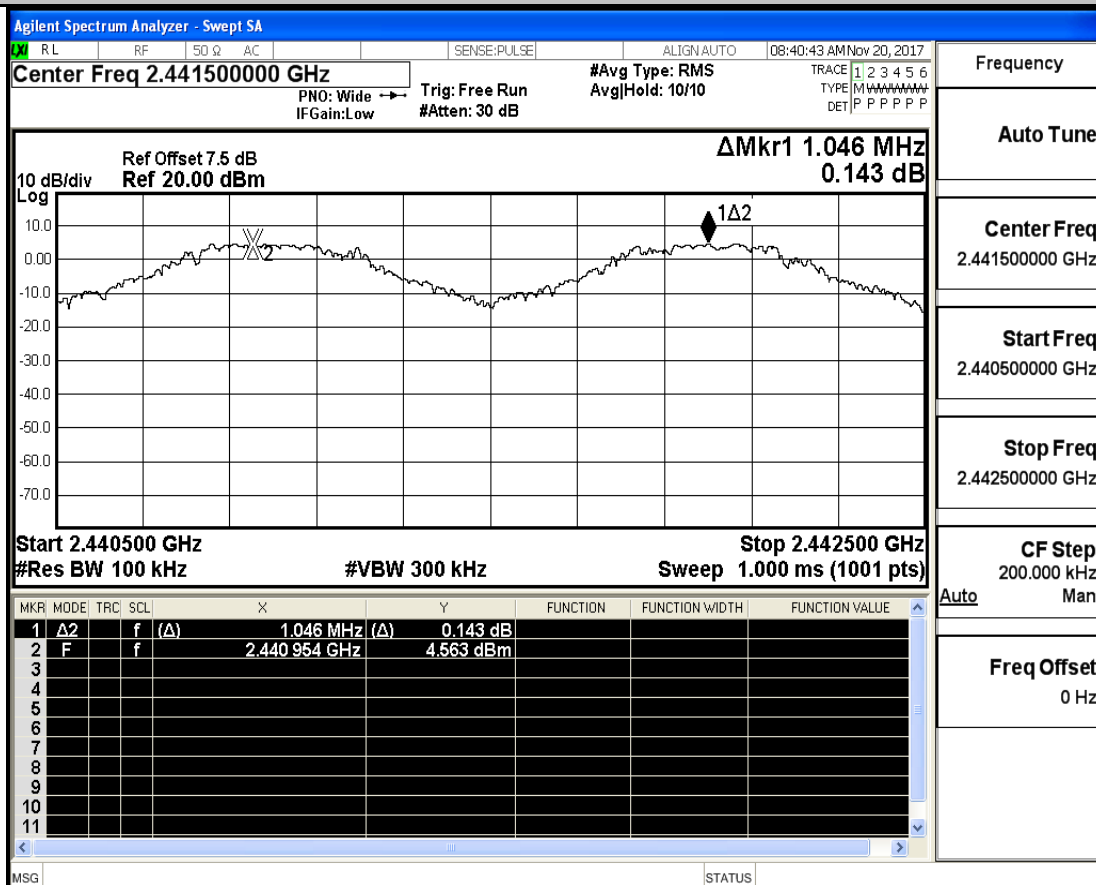
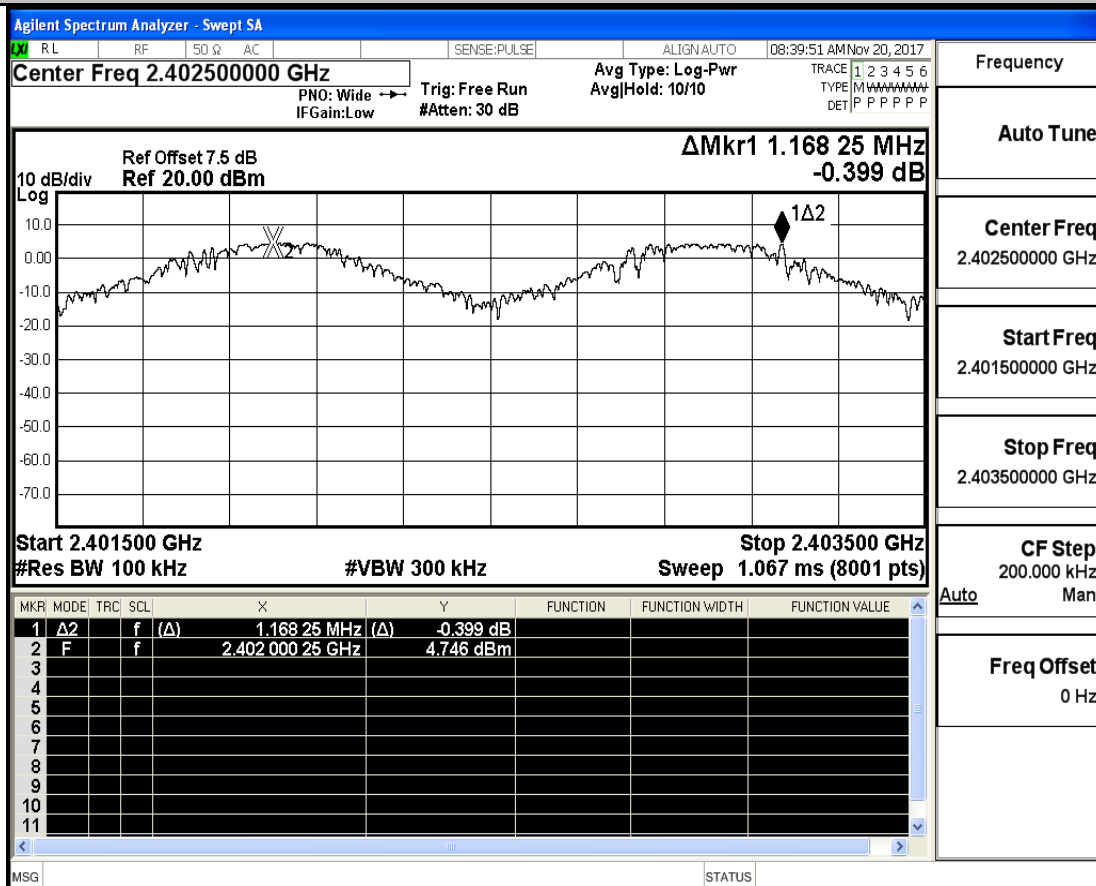
Conducted Peak Output Power_3DH5_2441



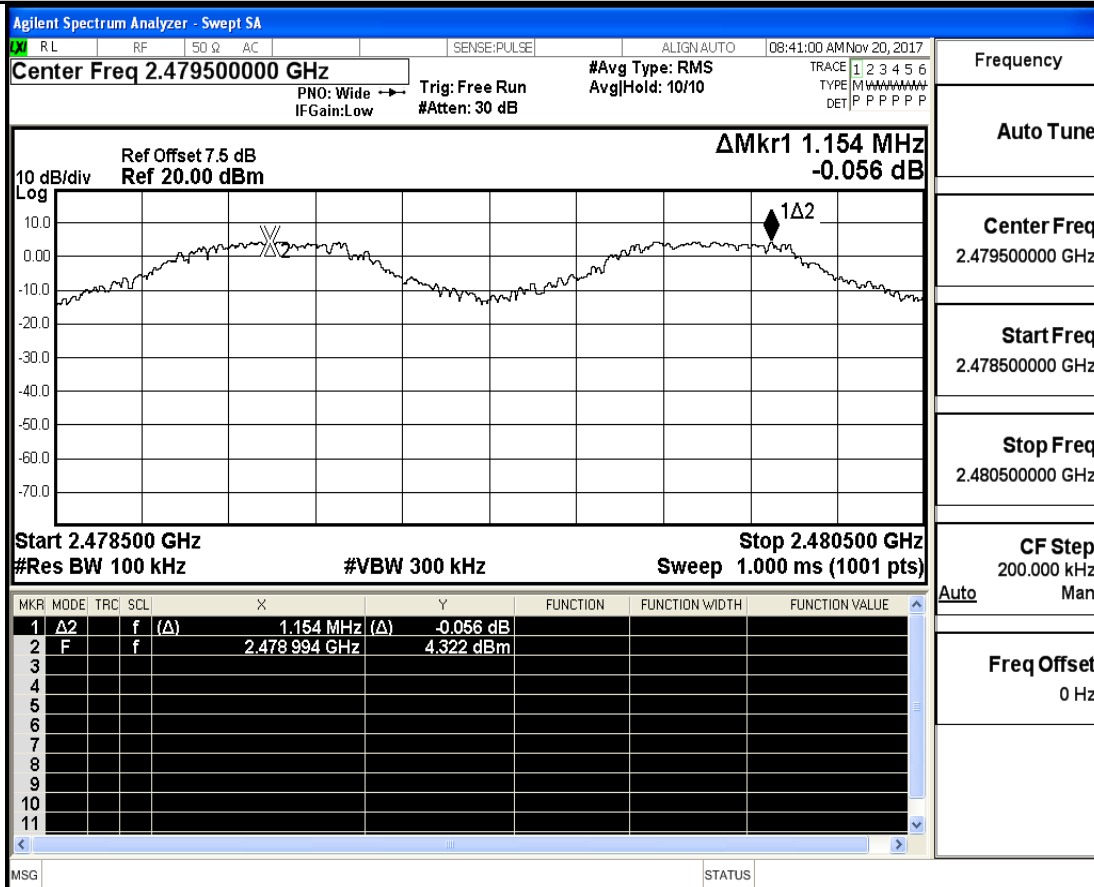


4.Carrier Frequency Separation

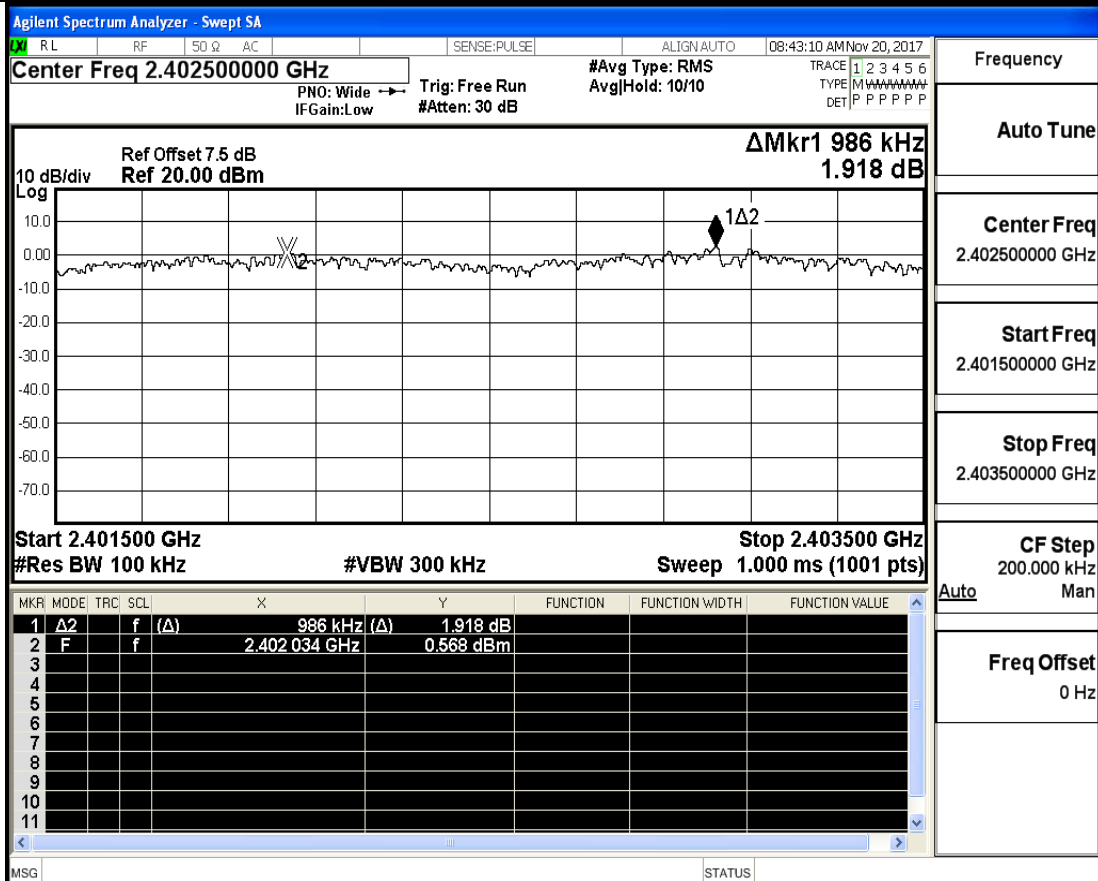
Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	2402	1.168	0.969	PASS
DH5	2441	1.046	0.685	PASS
DH5	2480	1.154	0.687	PASS
2DH5	2402	0.986	0.859	PASS
2DH5	2441	0.912	0.862	PASS
2DH5	2480	1.020	0.861	PASS
3DH5	2402	0.936	0.861	PASS
3DH5	2441	1.340	0.863	PASS
3DH5	2480	0.950	0.865	PASS



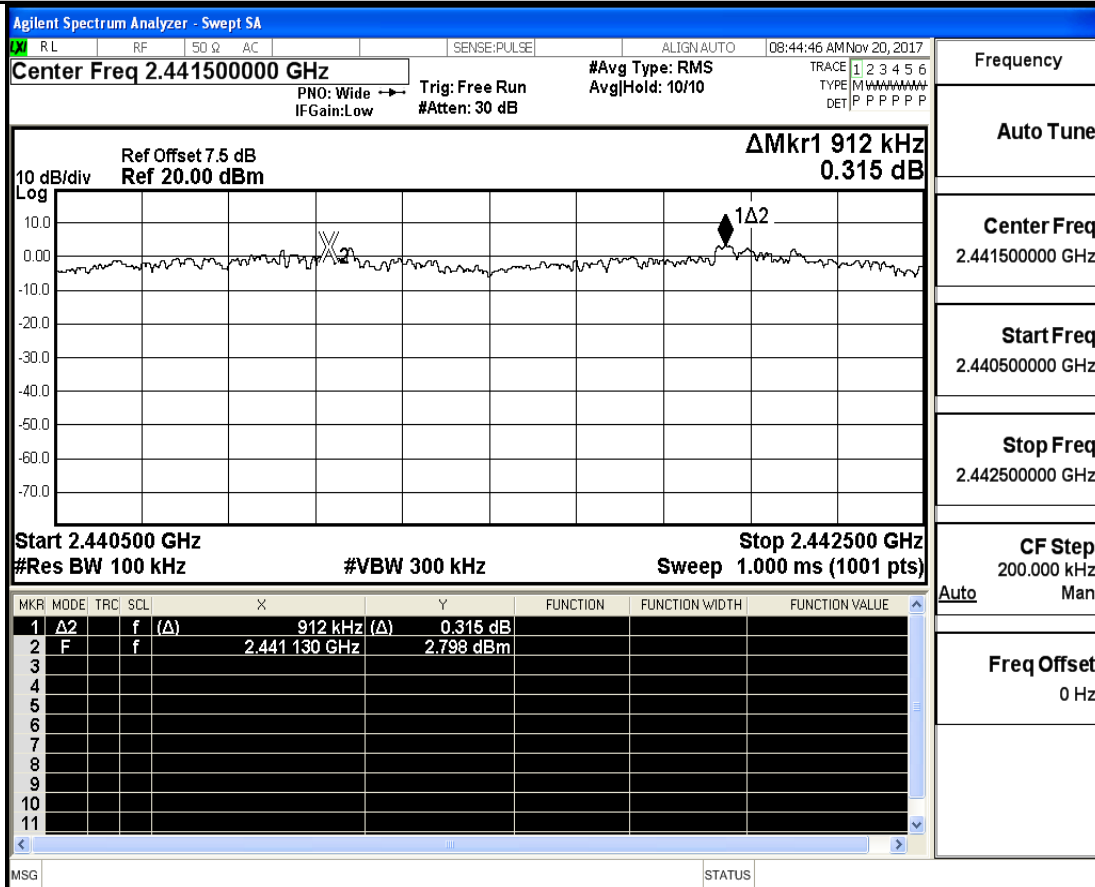
Carrier Frequency Separation_DH5_2480



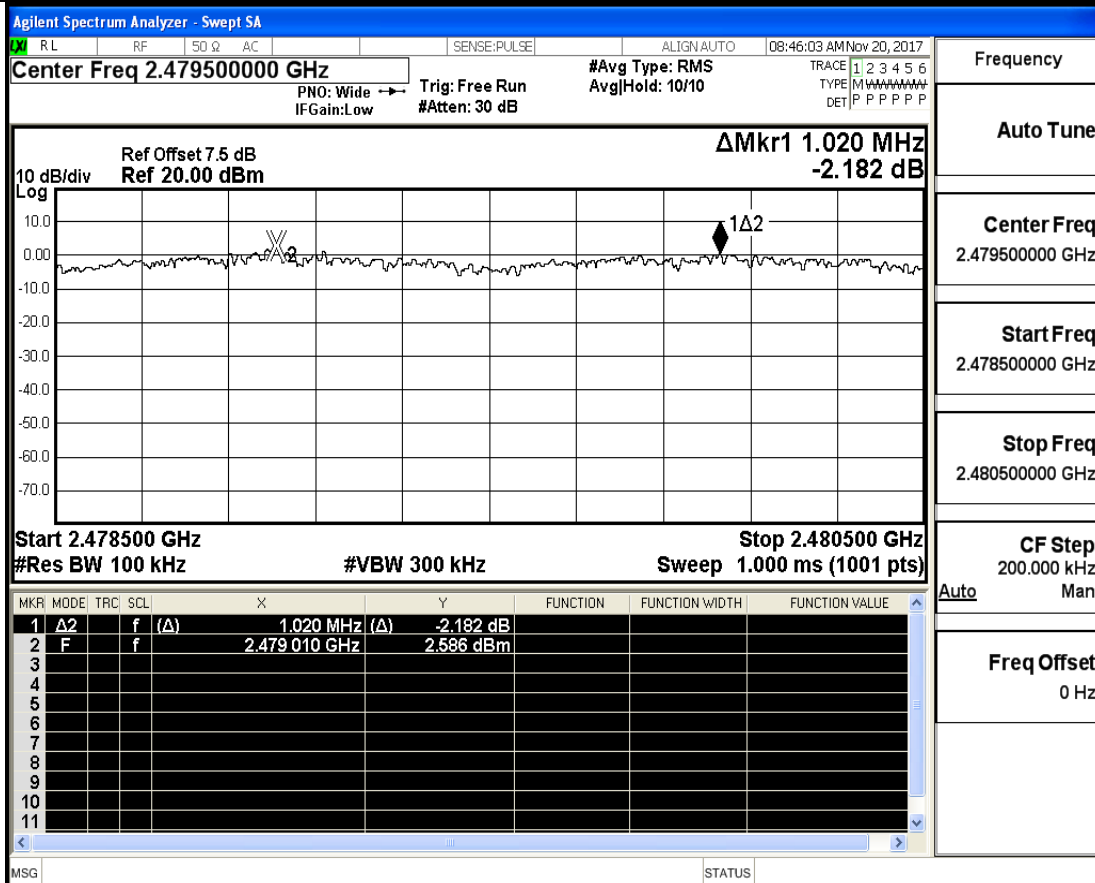
Carrier Frequency Separation_2DH5_2402



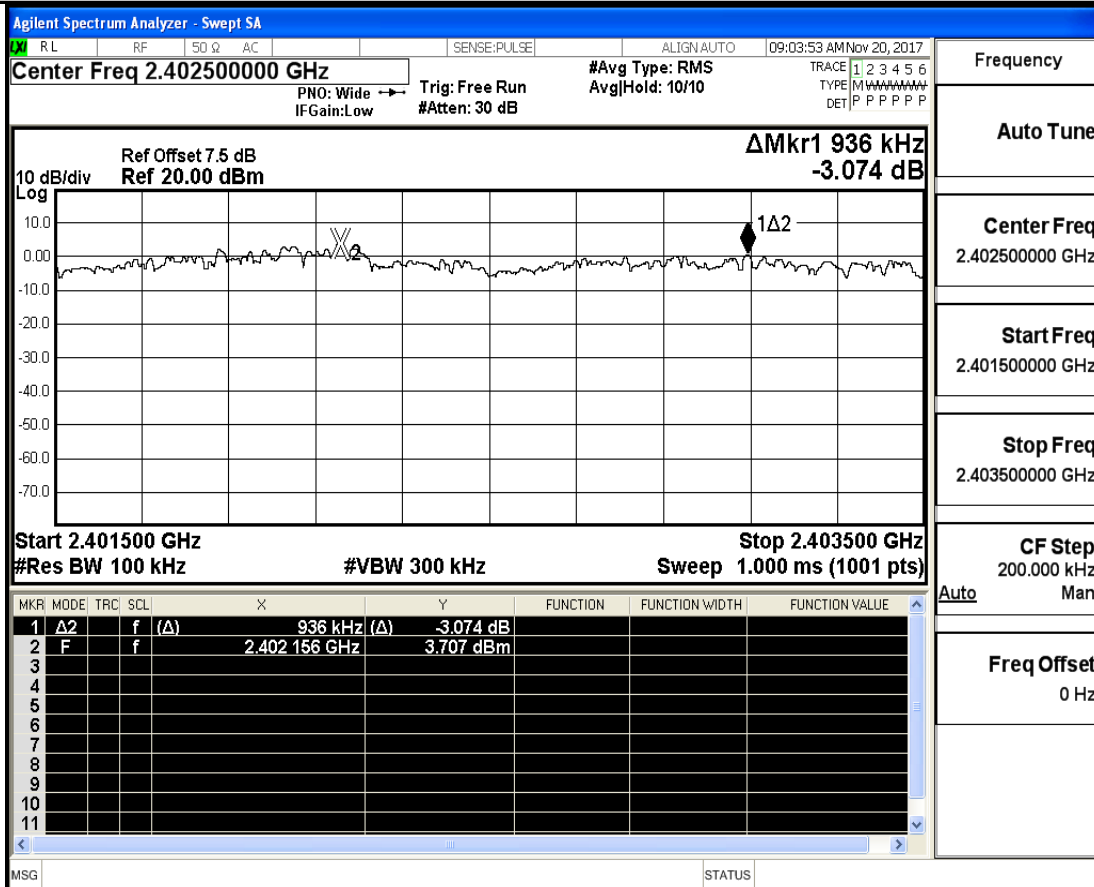
Carrier Frequency Separation_2DH5_2441



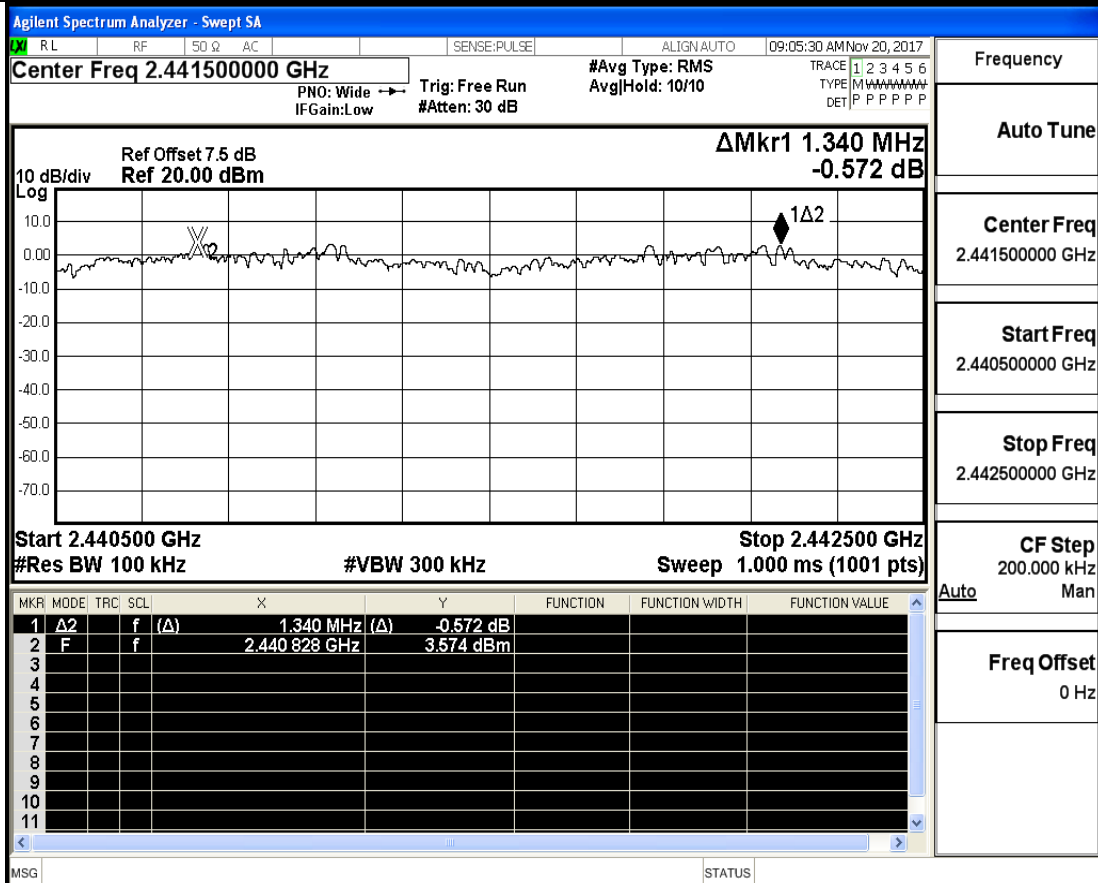
Carrier Frequency Separation_2DH5_2480

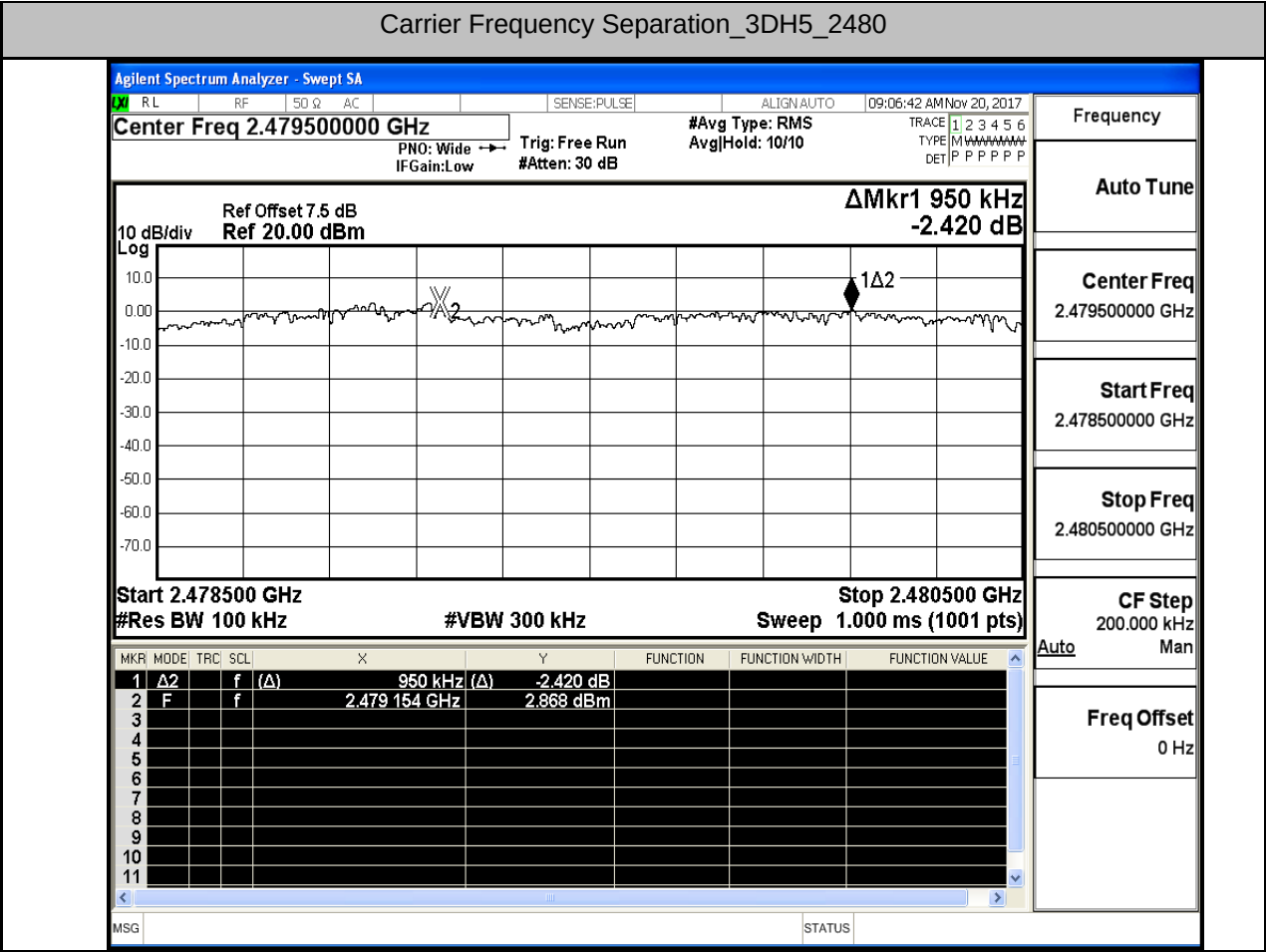


Carrier Frequency Separation_3DH5_2402



Carrier Frequency Separation_3DH5_2441

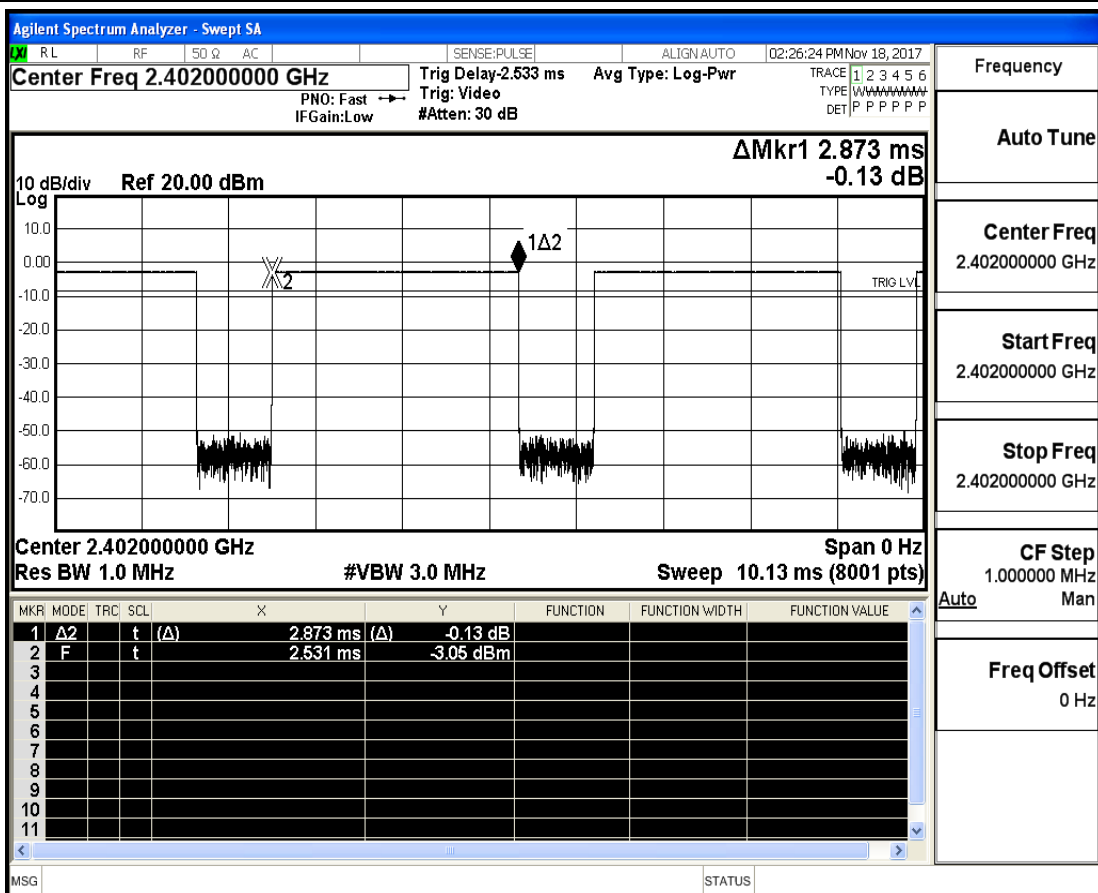




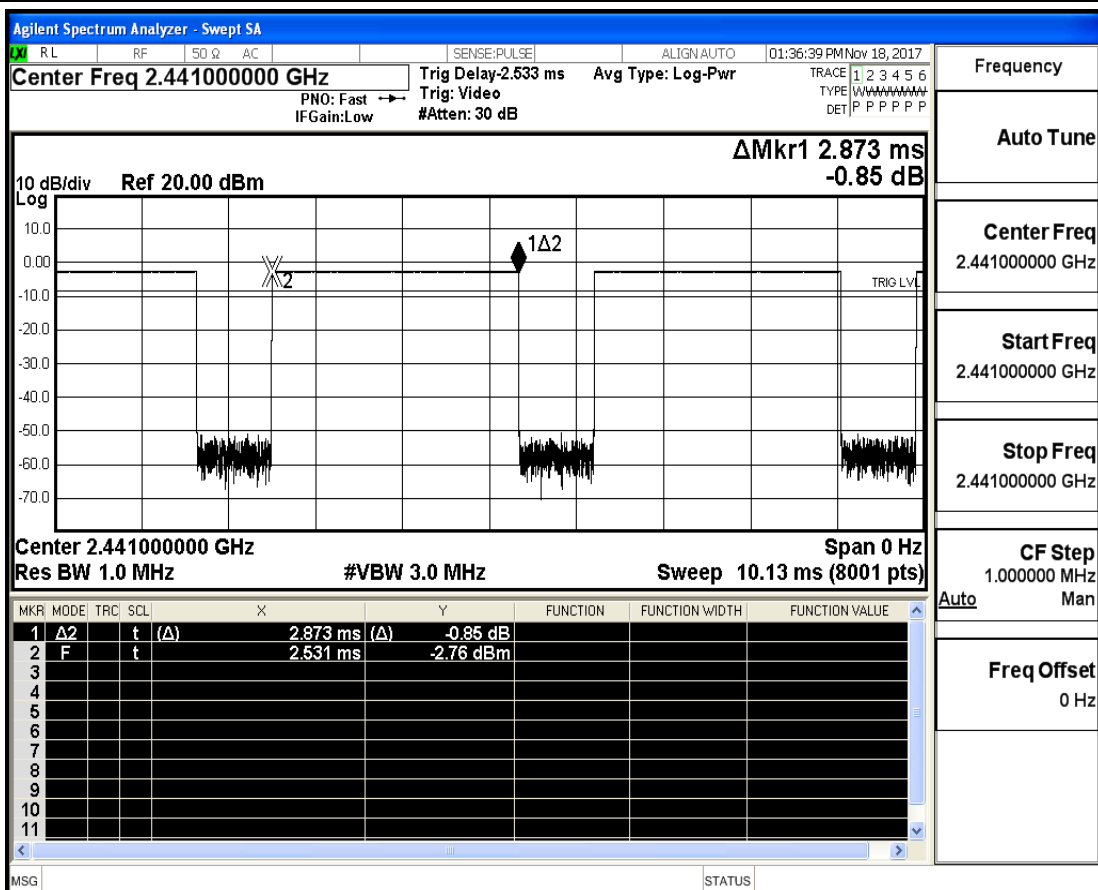
5.Dwell Time

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

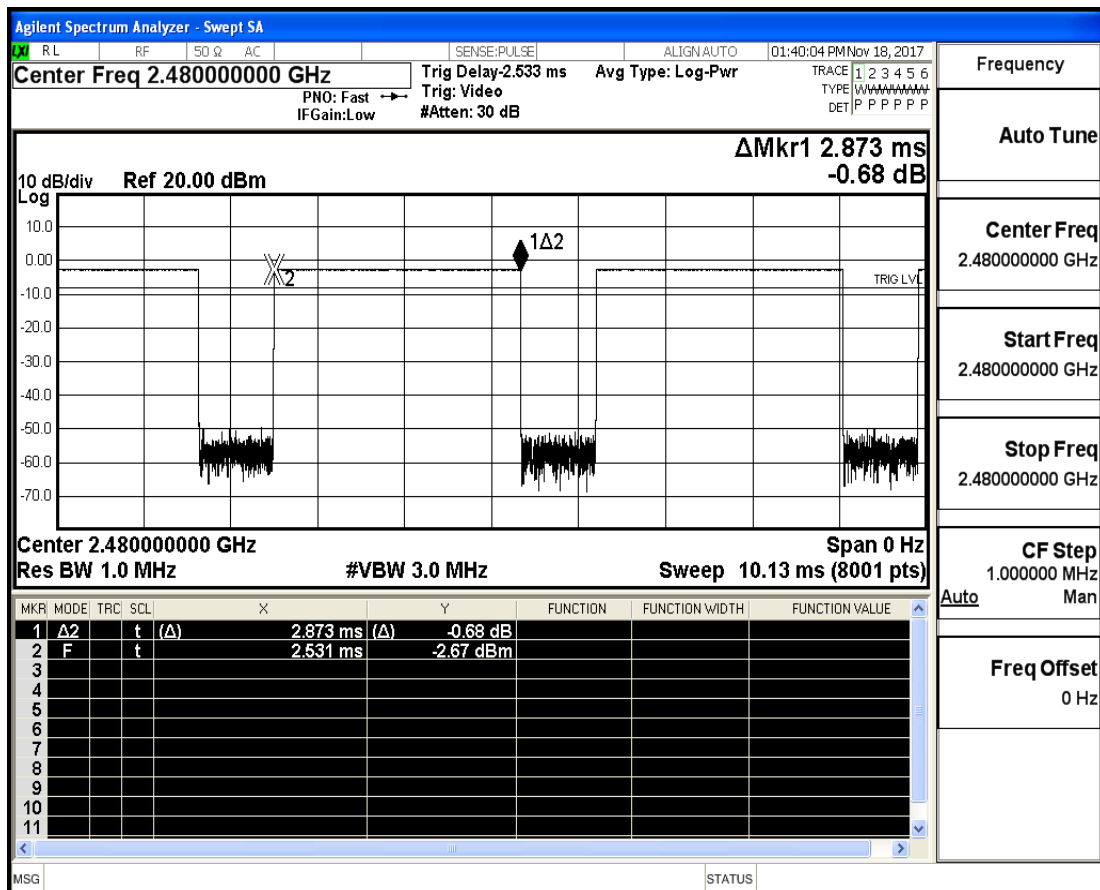
Dwell Time DH5 2402



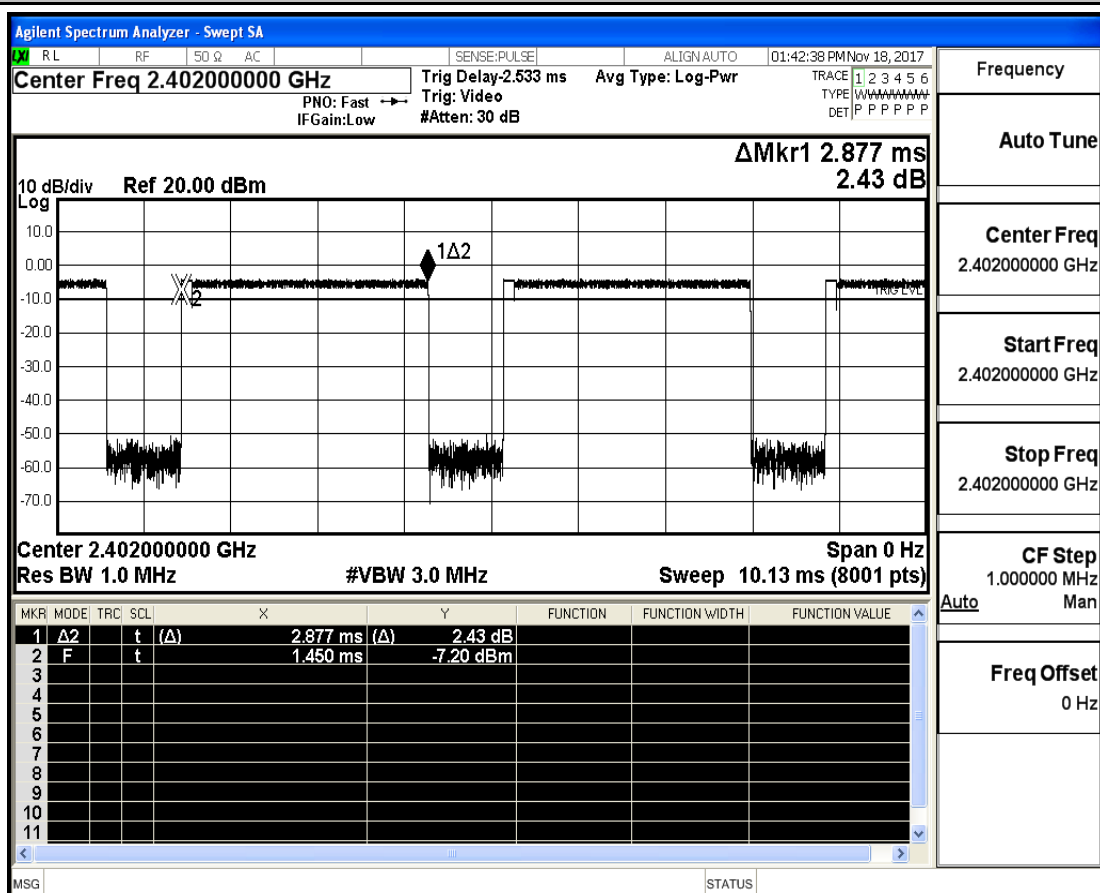
Dwell Time DH5 2441

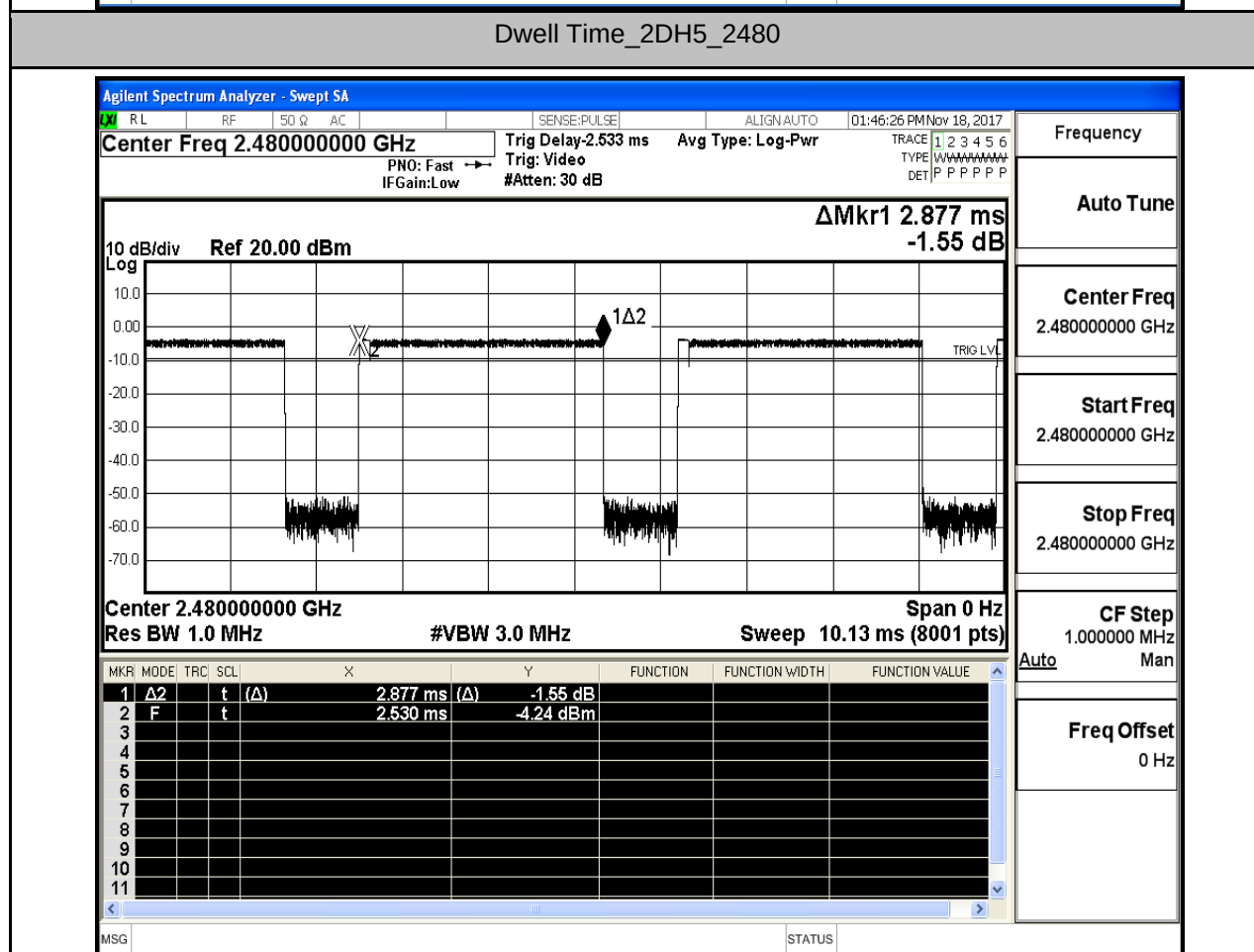
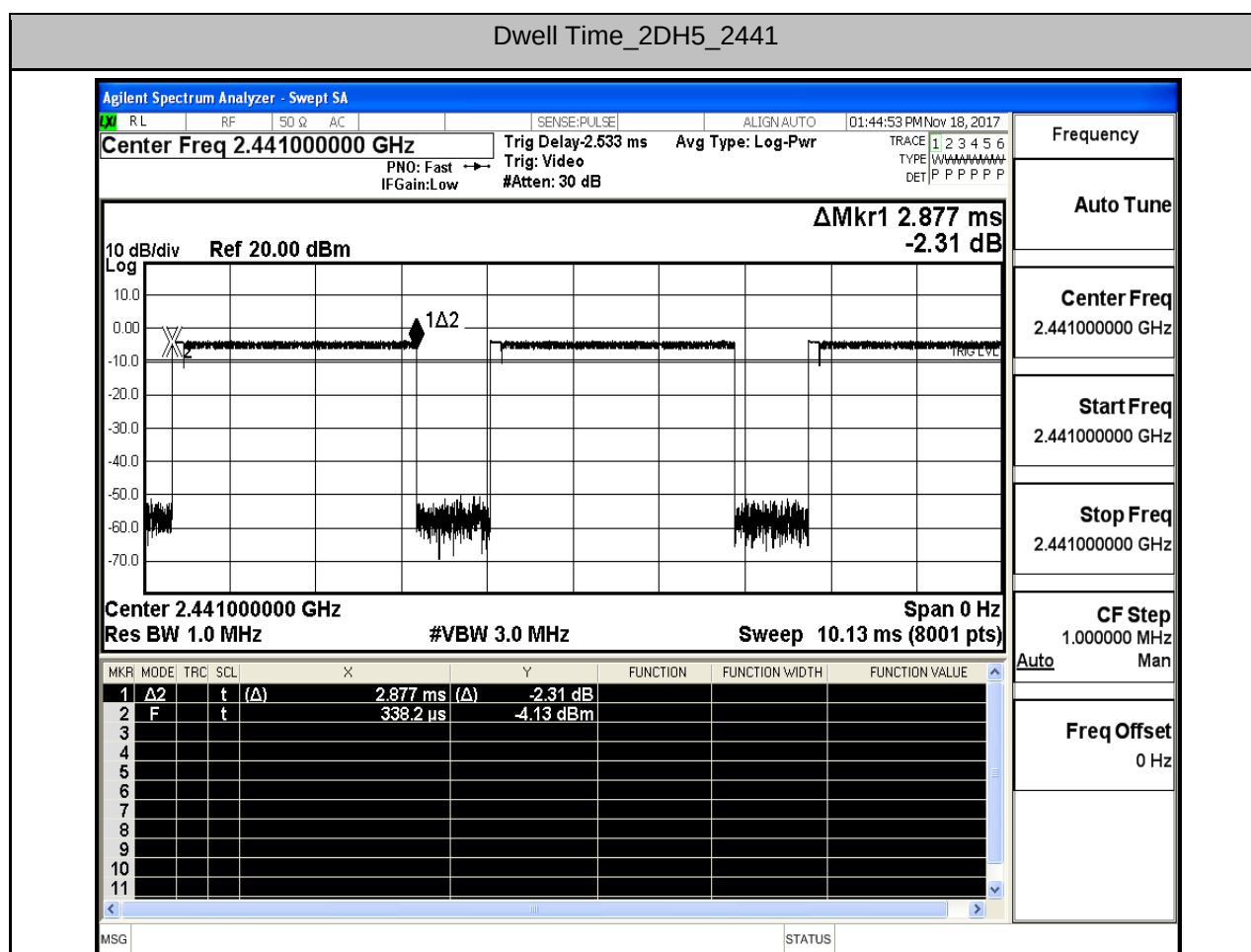


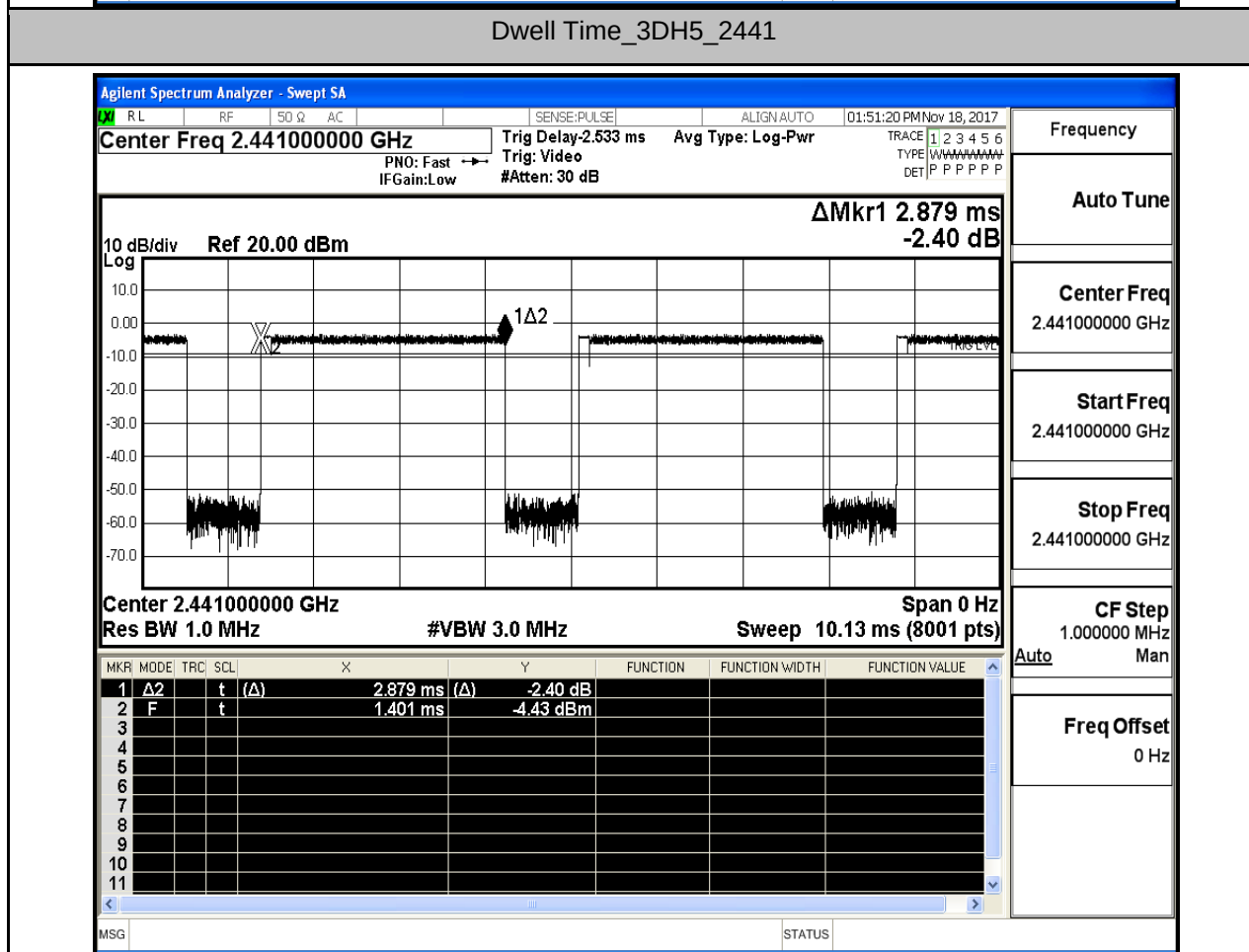
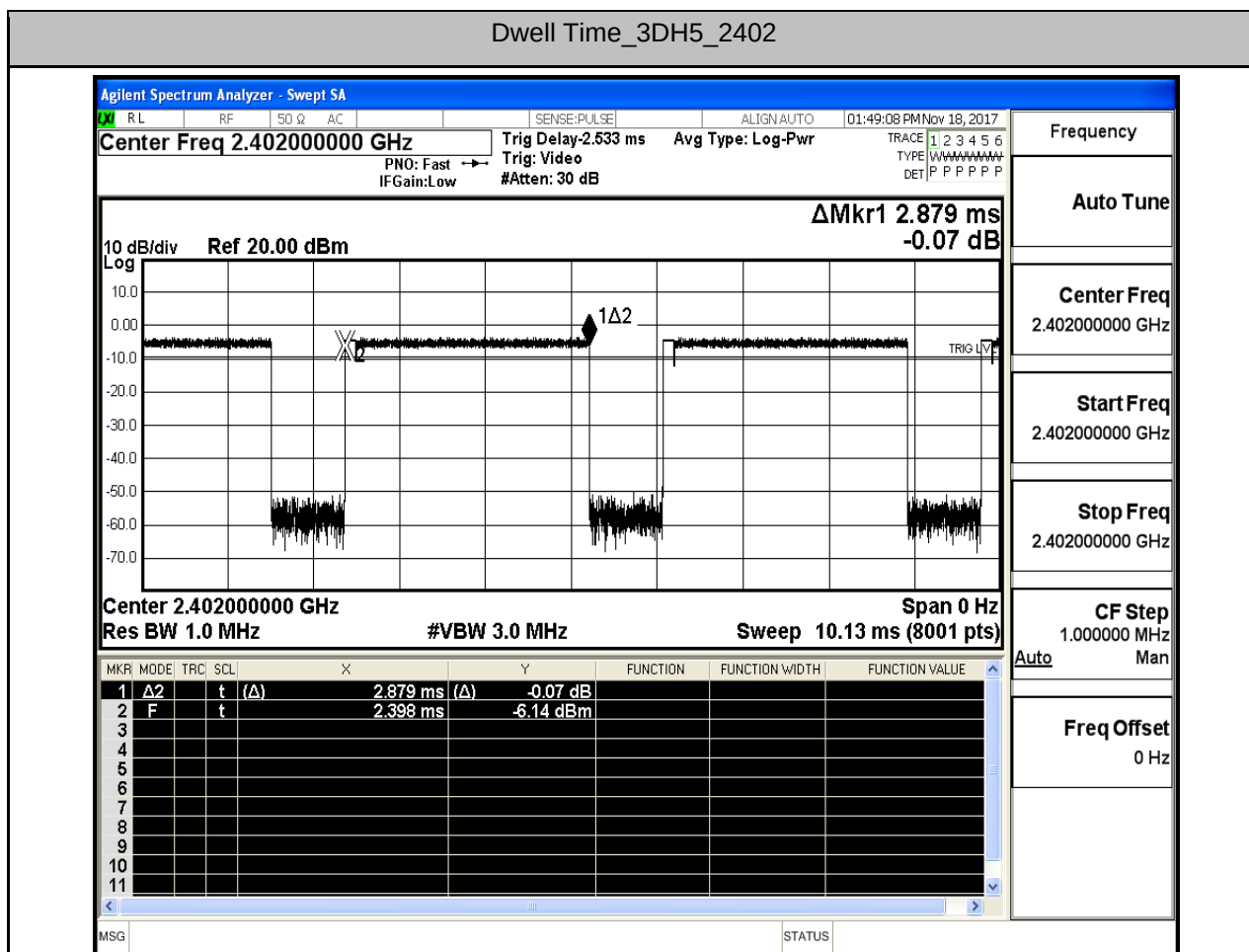
Dwell Time DH5 2480

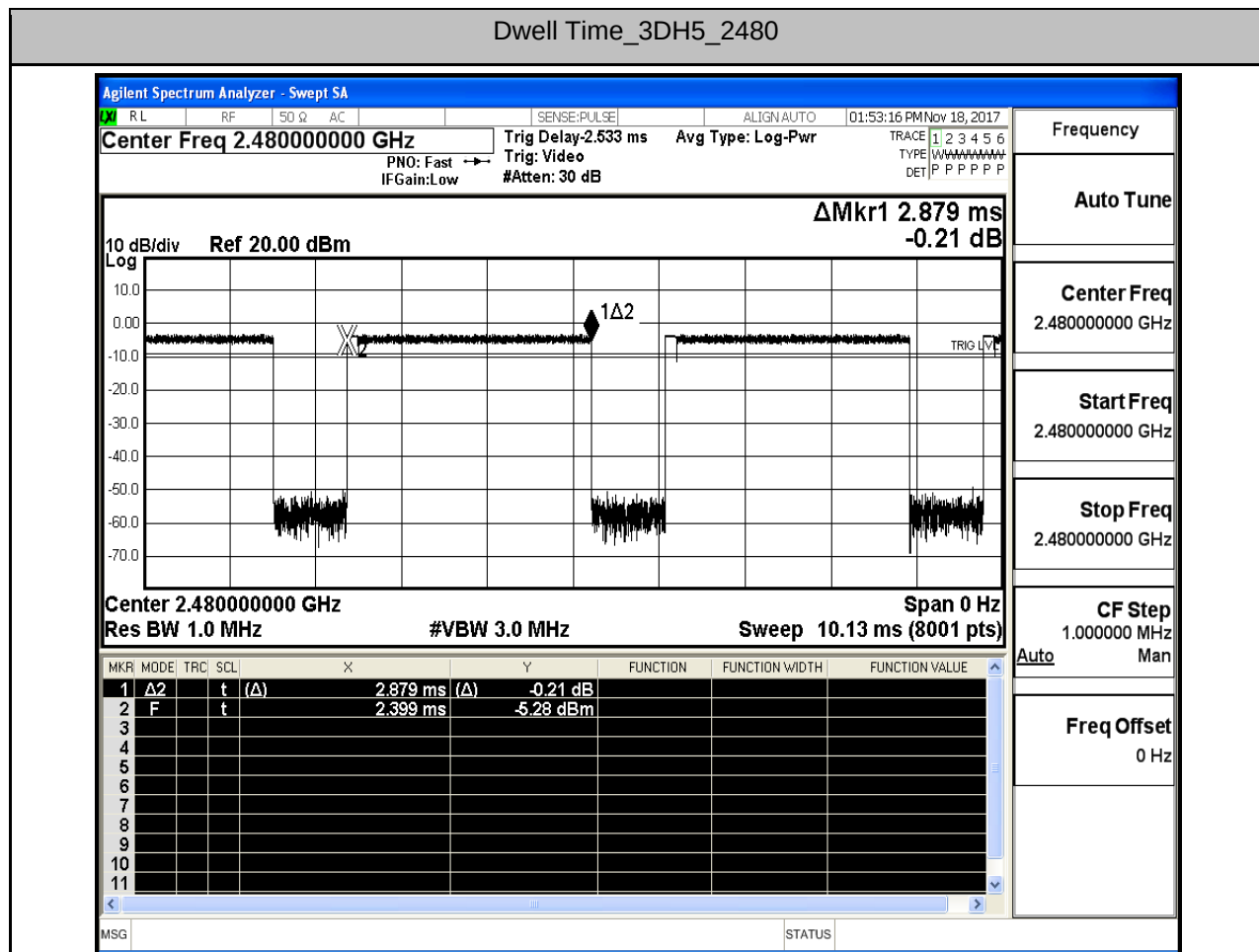


Dwell Time 2DH5 2402





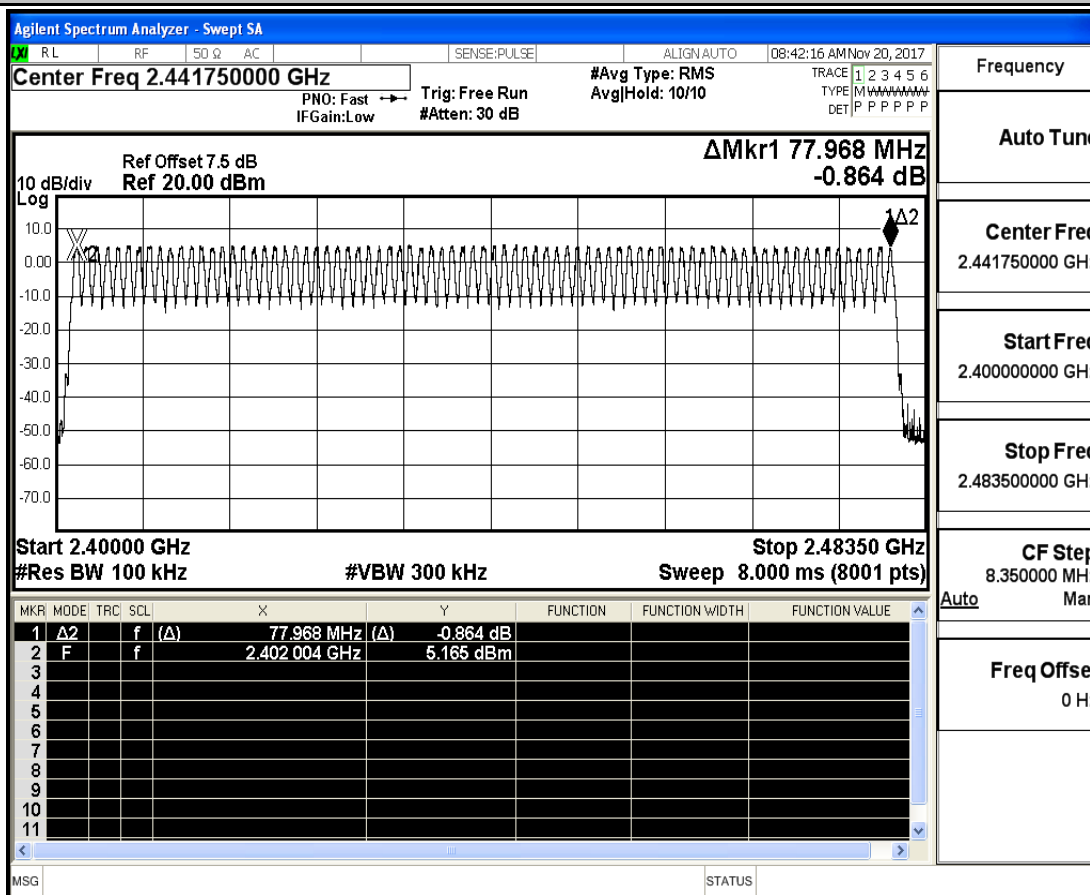




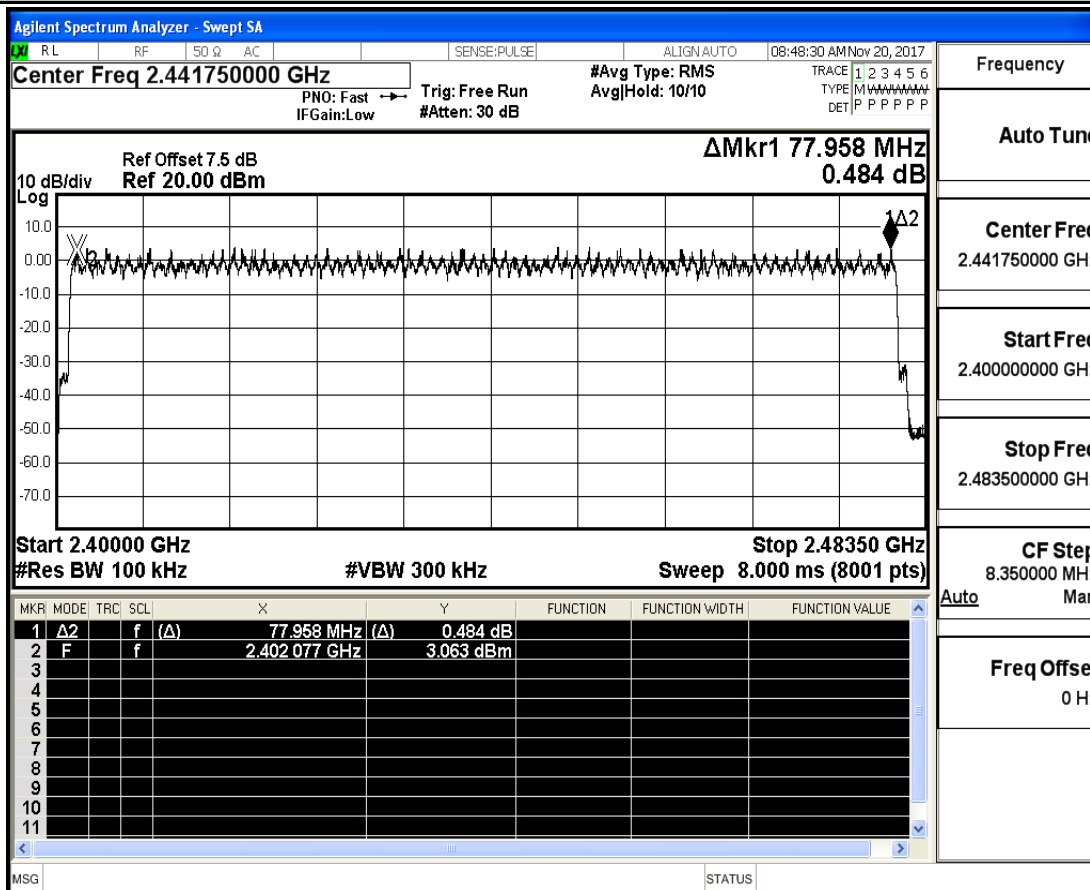
6.Hopping Channel Number

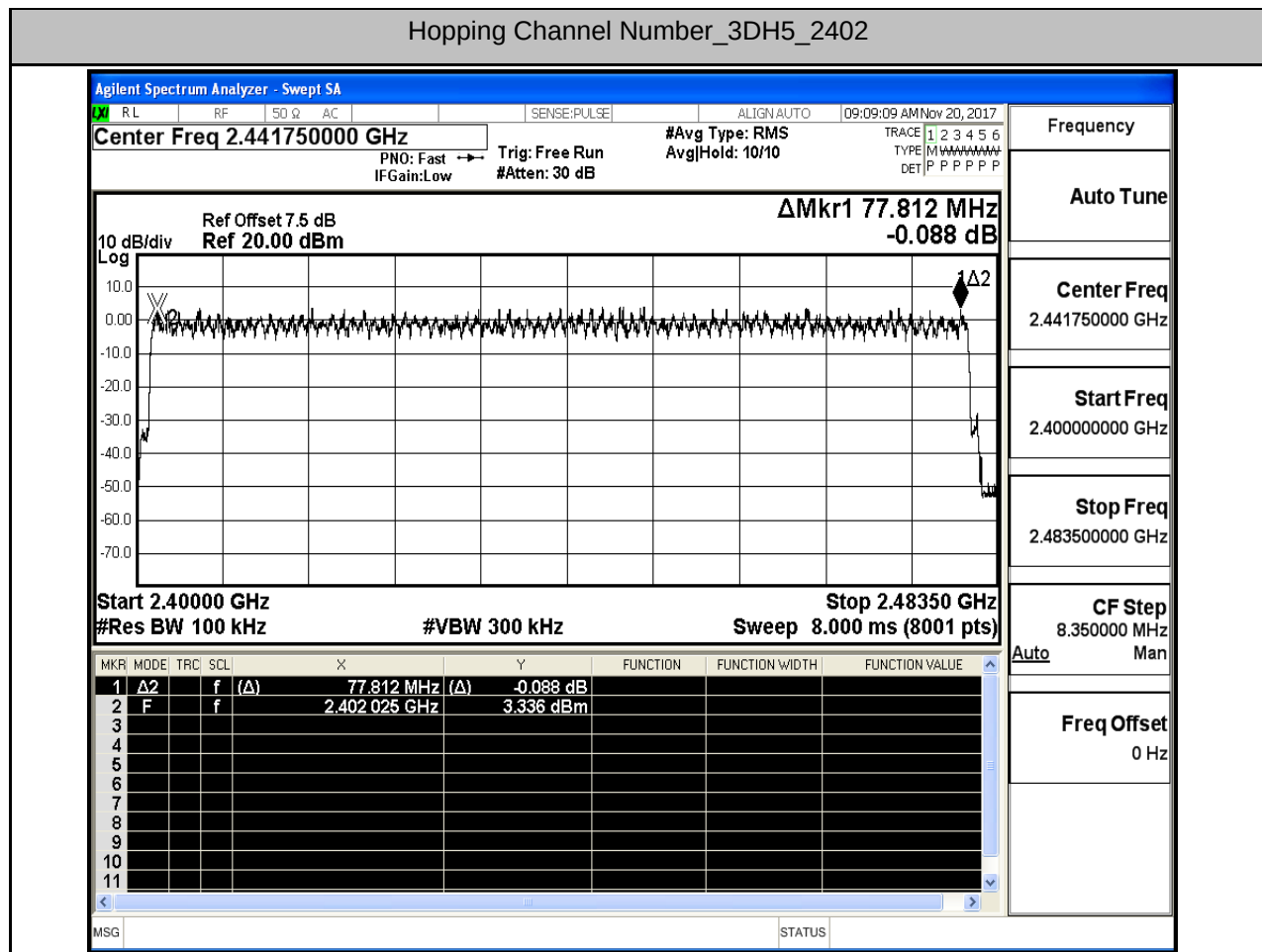
Test Mode	Test Channel	Number of Hopping Channel[N]	Limit[N]	Verdict
DH5	2402	79	>=15	PASS
2DH5	2402	79	>=15	PASS
3DH5	2402	79	>=15	PASS

Hopping Channel Number_DH5_2402



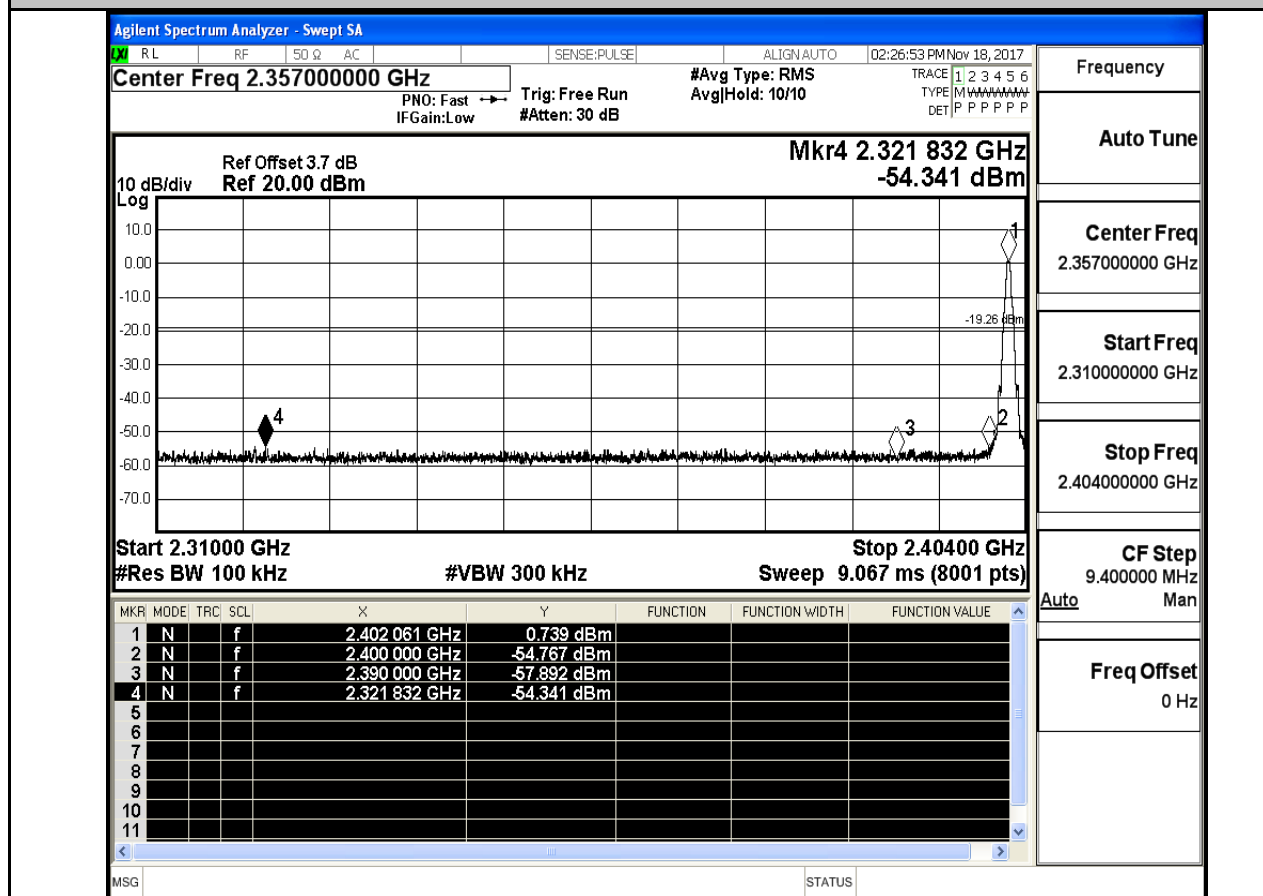
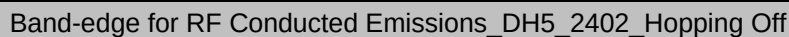
Hopping Channel Number_2DH5_2402



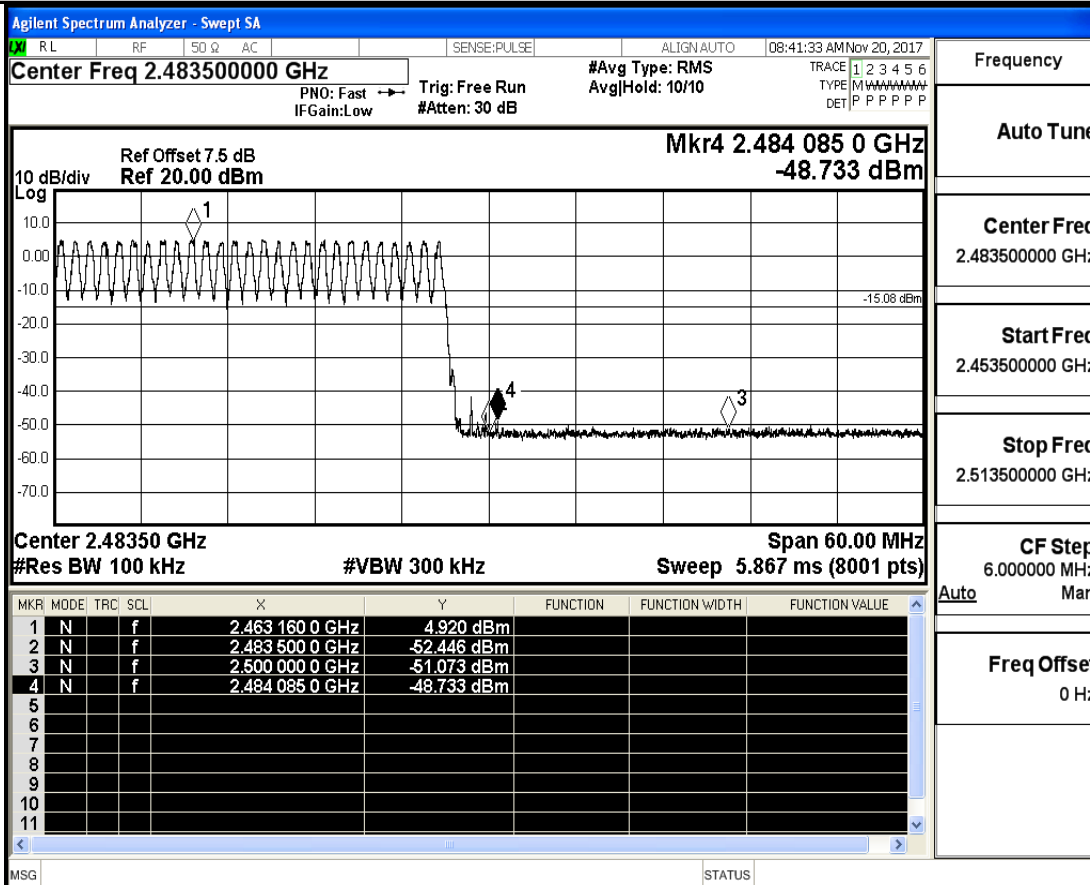


7.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
DH5	2402	On	5.131	-50.192	-14.87	PASS
DH5	2402	Off	0.739	-54.341	-19.26	PASS
DH5	2480	On	4.920	-48.733	-15.08	PASS
DH5	2480	Off	2.020	-53.052	-17.98	PASS
2DH5	2402	On	3.732	-50.407	-16.27	PASS
2DH5	2402	Off	-2.700	-53.487	-22.70	PASS
2DH5	2480	On	3.813	-50.163	-16.19	PASS
2DH5	2480	Off	0.966	-52.835	-19.03	PASS
3DH5	2402	On	3.752	-49.580	-16.25	PASS
3DH5	2402	Off	-0.902	-53.523	-20.90	PASS
3DH5	2480	On	3.756	-49.904	-16.24	PASS
3DH5	2480	Off	0.717	-53.319	-19.28	PASS



Band-edge for RF Conducted Emissions_DH5_2480_Hopping On

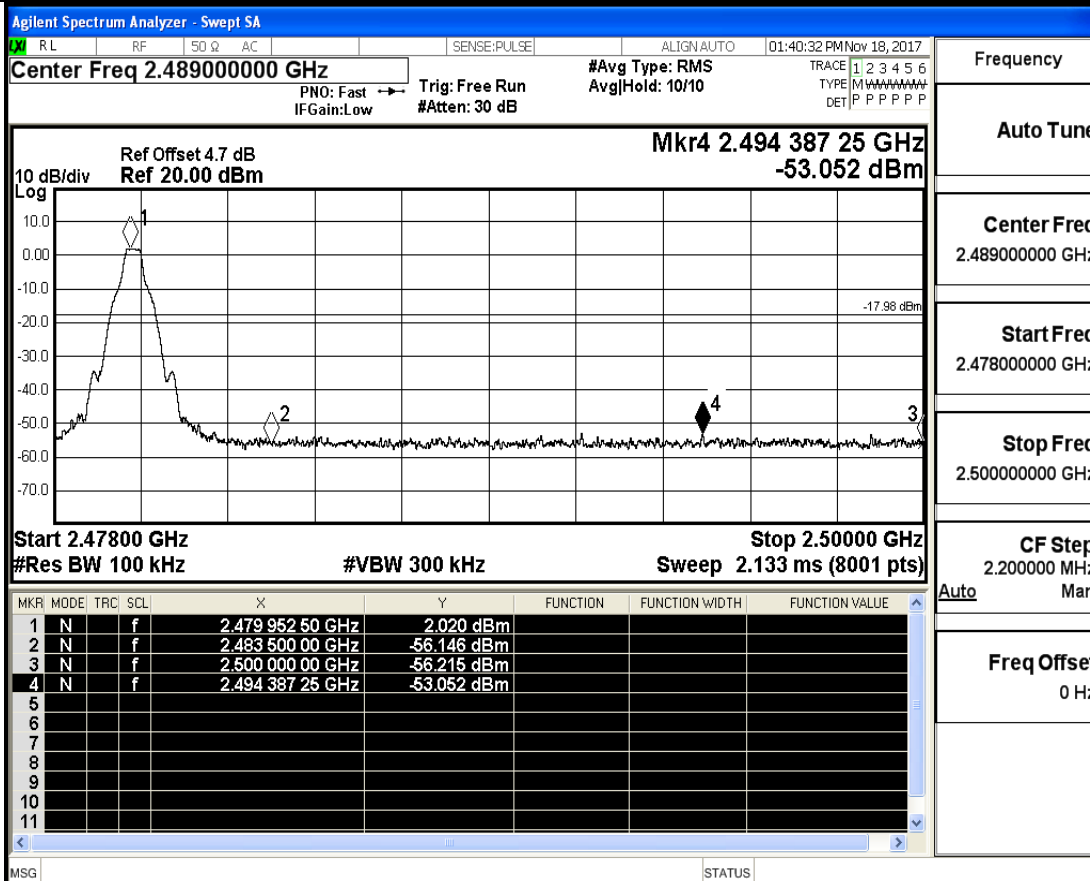


Frequency

Auto Tune

Center Freq
2.483500000 GHzStart Freq
2.453500000 GHzStop Freq
2.513500000 GHzCF Step
6.000000 MHz
Auto ManFreq Offset
0 Hz

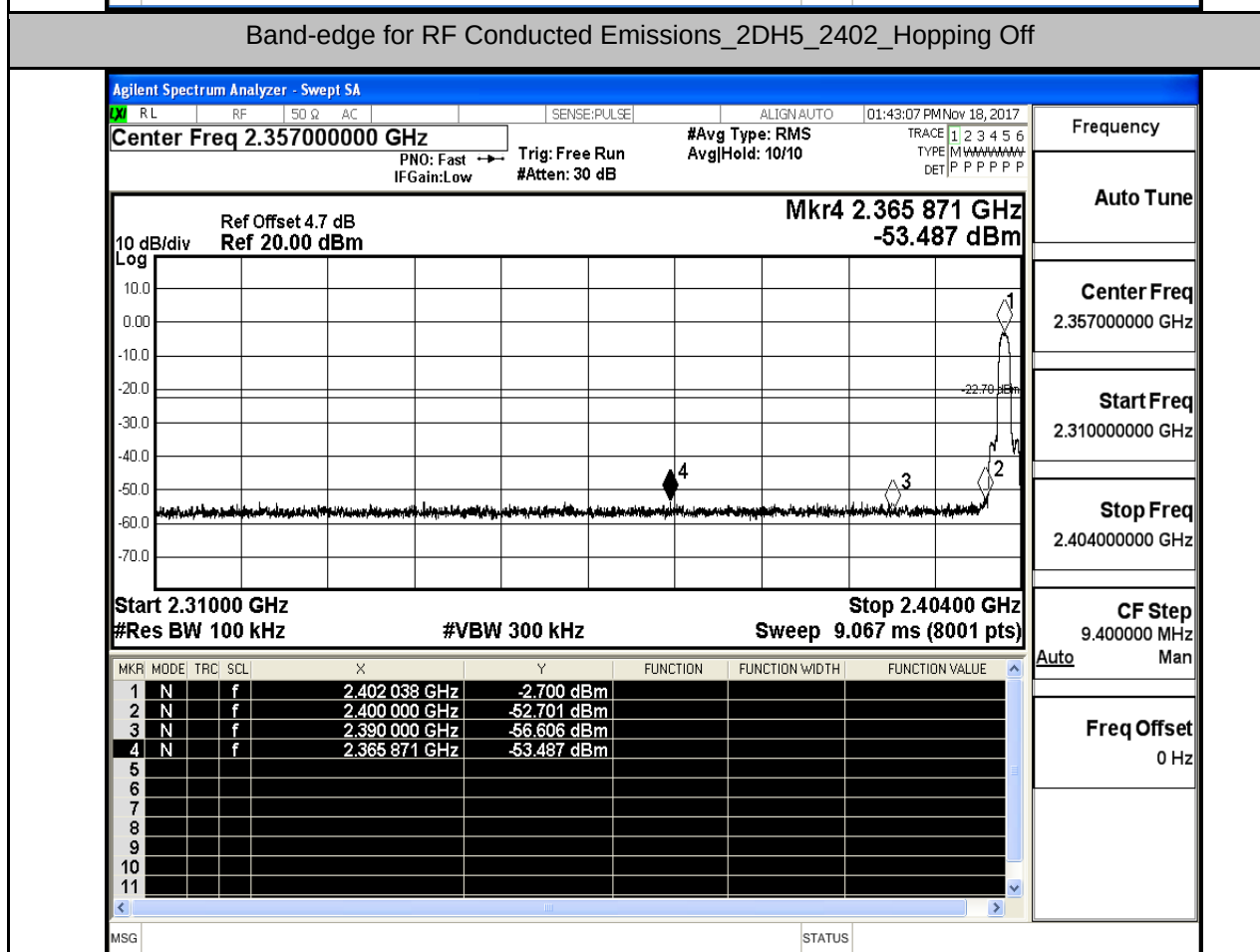
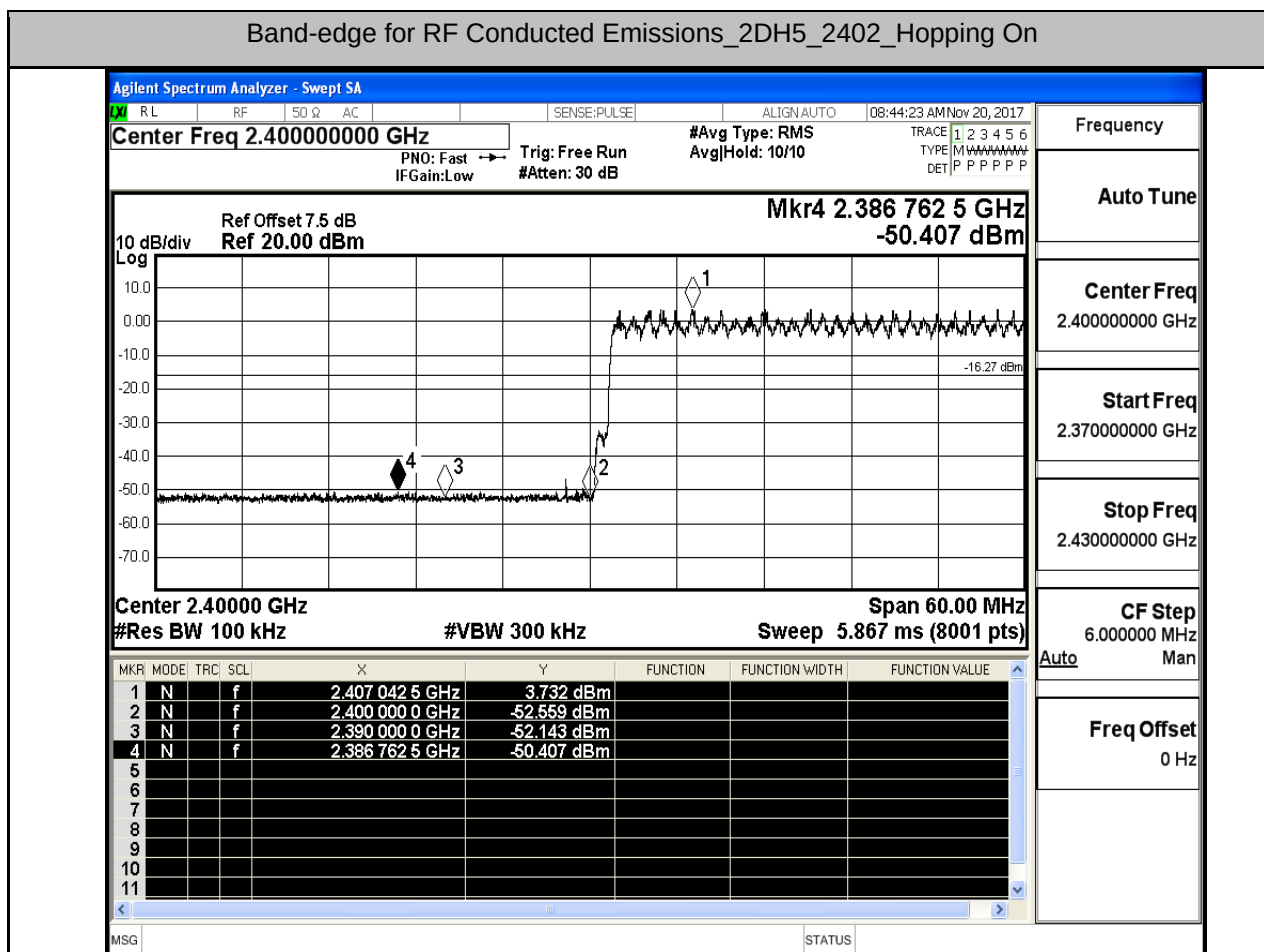
Band-edge for RF Conducted Emissions_DH5_2480_Hopping Off

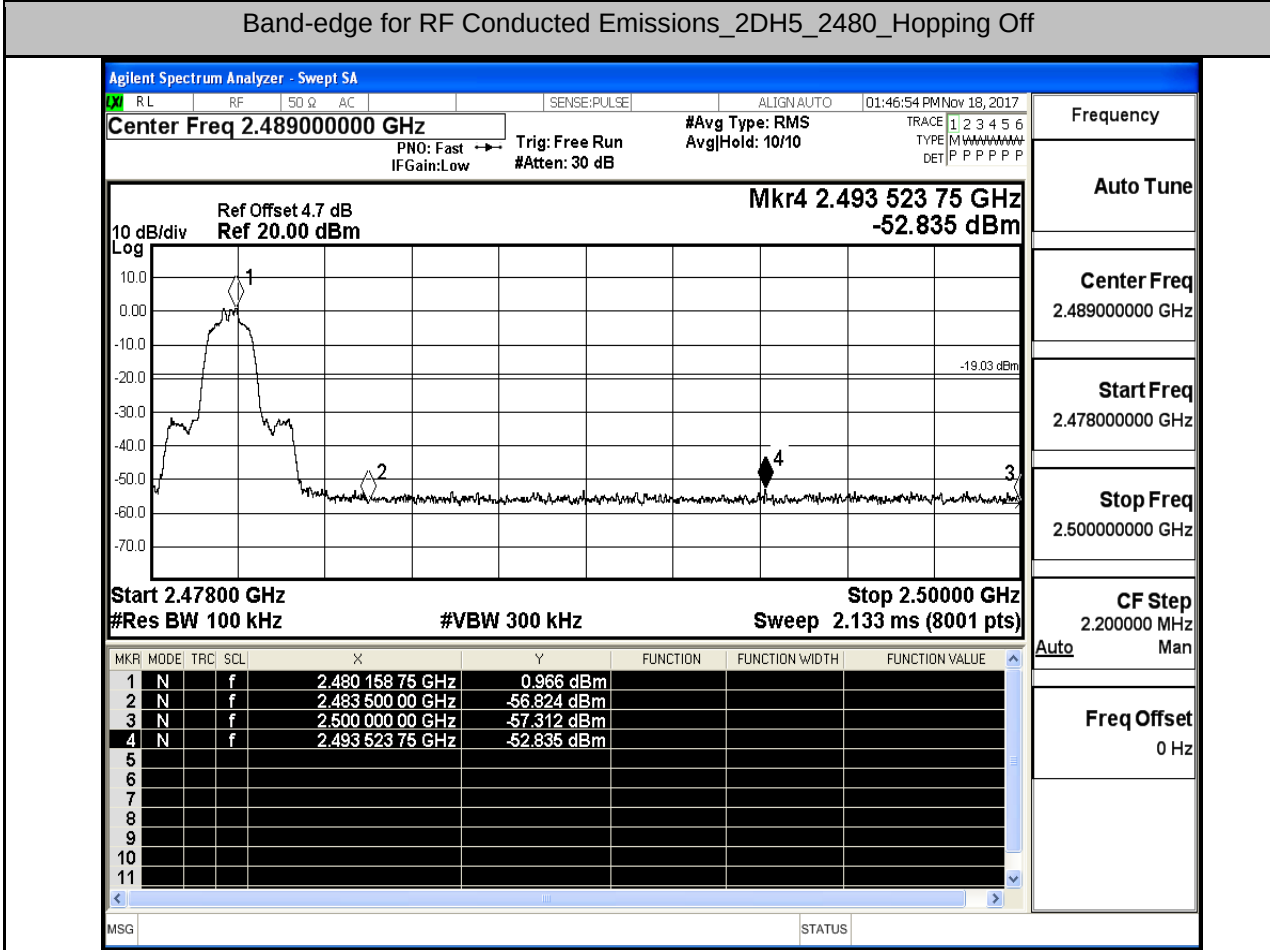


Frequency

Auto Tune

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





Agilent Spectrum Analyzer - Swept SA

Frequency

Auto Tune

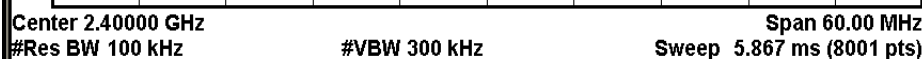
Center Freq
4.00000000 GHz

Start Freq
2.370000000 GHz

Stop Freq
2.430000000 GHz

CF Step
6.000000 MHz
Auto Man

Freq Offset
0 Hz



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.425 162 5 GHz	3.752 dBm			
2	N		f	2.400 000 0 GHz	-48.863 dBm			
3	N		f	2.390 000 0 GHz	-52.623 dBm			
4	N		f	2.385 622 5 GHz	-49.580 dBm			
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Agilent Spectrum Analyzer - Swept SA

Frequency

Auto Tune

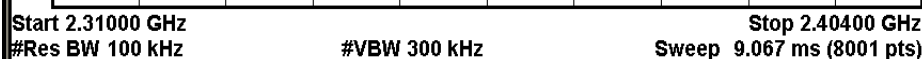
Center Freq
2.357000000 GHz

Start Freq
2.310000000 GHz

Stop Freq
2.404000000 GHz

CF Step
9.400000 MHz
Auto Man

Freq Offset
0 Hz

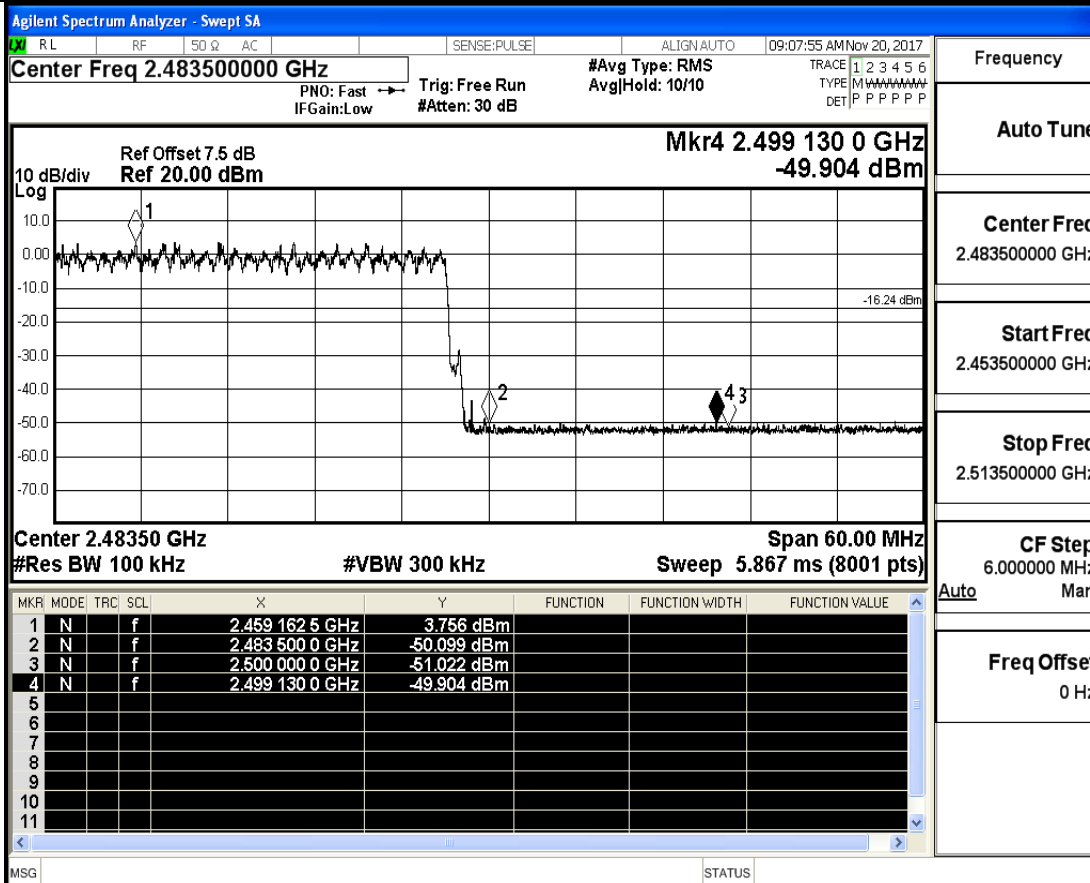


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.402 191 GHz	-0.902 dBm			
2	N		f	2.400 000 GHz	-53.833 dBm			
3	N		f	2.390 000 GHz	-56.389 dBm			
4	N		f	2.383 931 GHz	-53.523 dBm			
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Band-edge for RF Conducted Emissions_3DH5_2480_Hopping On

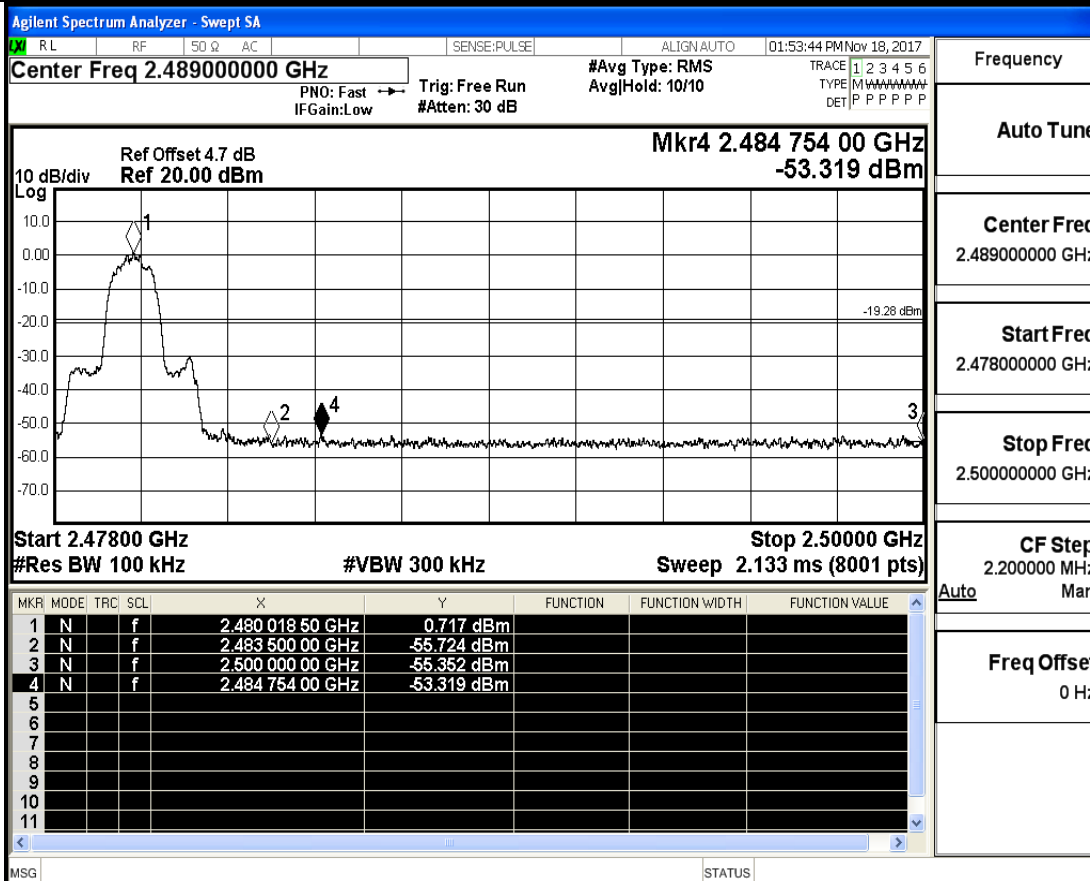


Frequency

Auto Tune

Center Freq
2.483500000 GHzStart Freq
2.453500000 GHzStop Freq
2.513500000 GHzCF Step
6.000000 MHz
Auto ManFreq Offset
0 Hz

Band-edge for RF Conducted Emissions_3DH5_2480_Hopping Off



Frequency

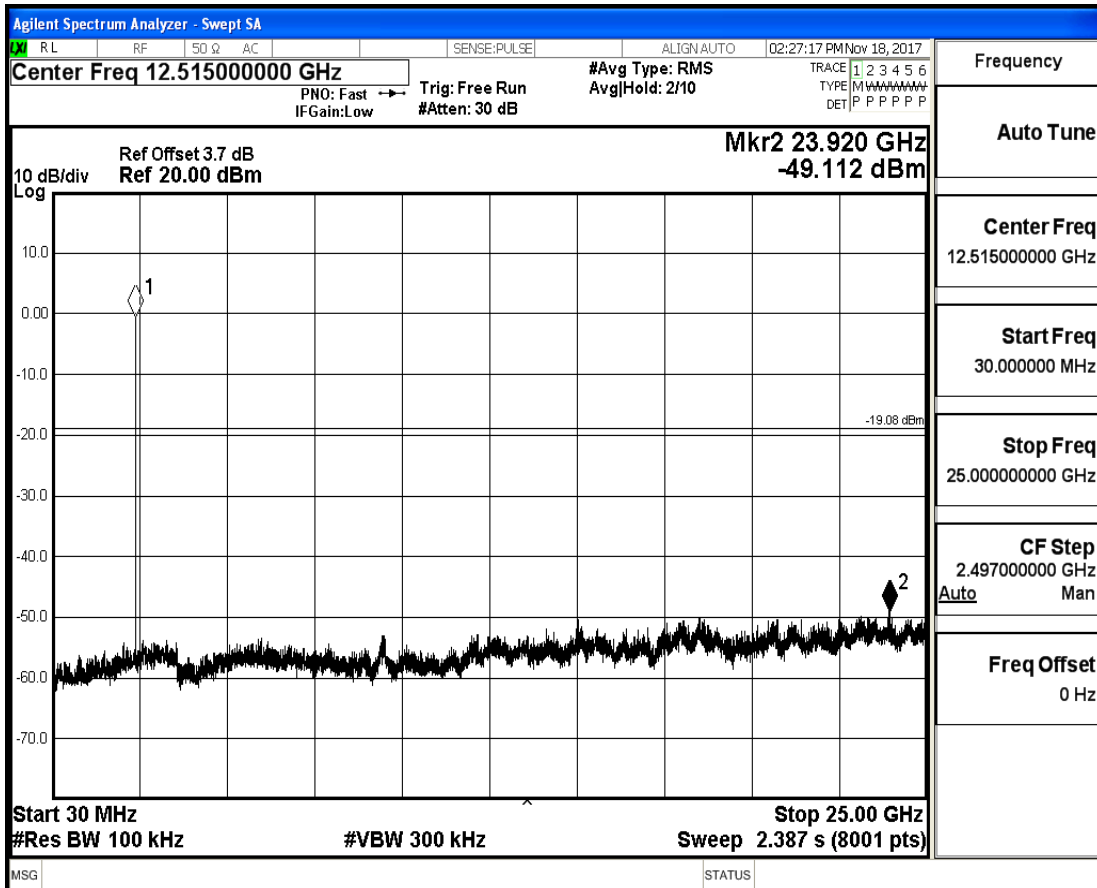
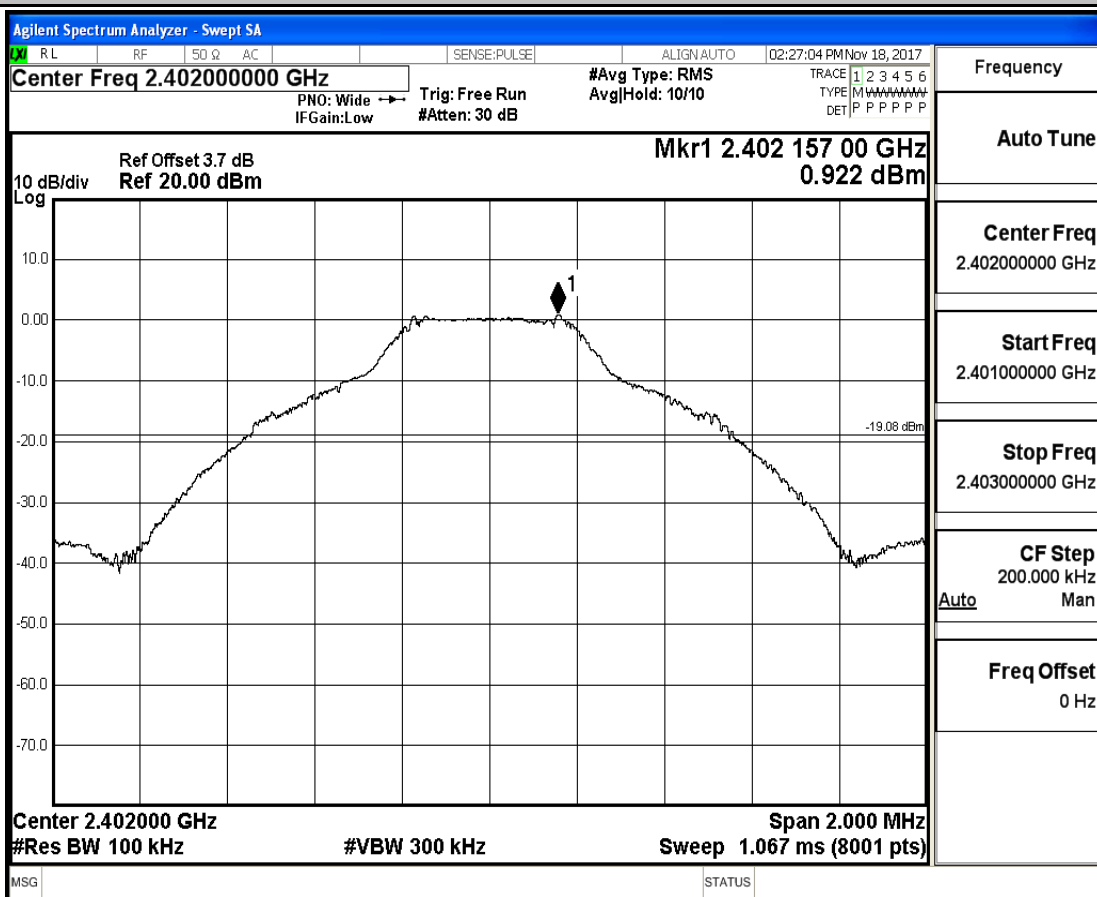
Auto Tune

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

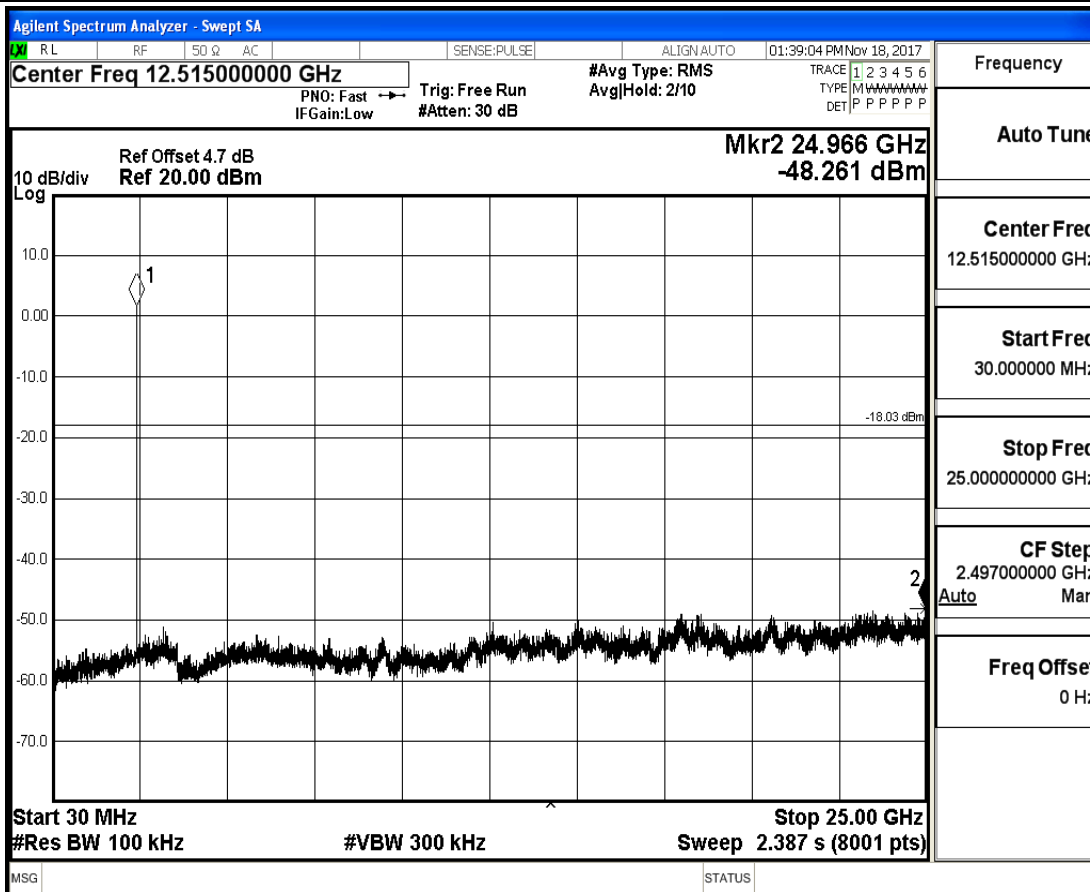
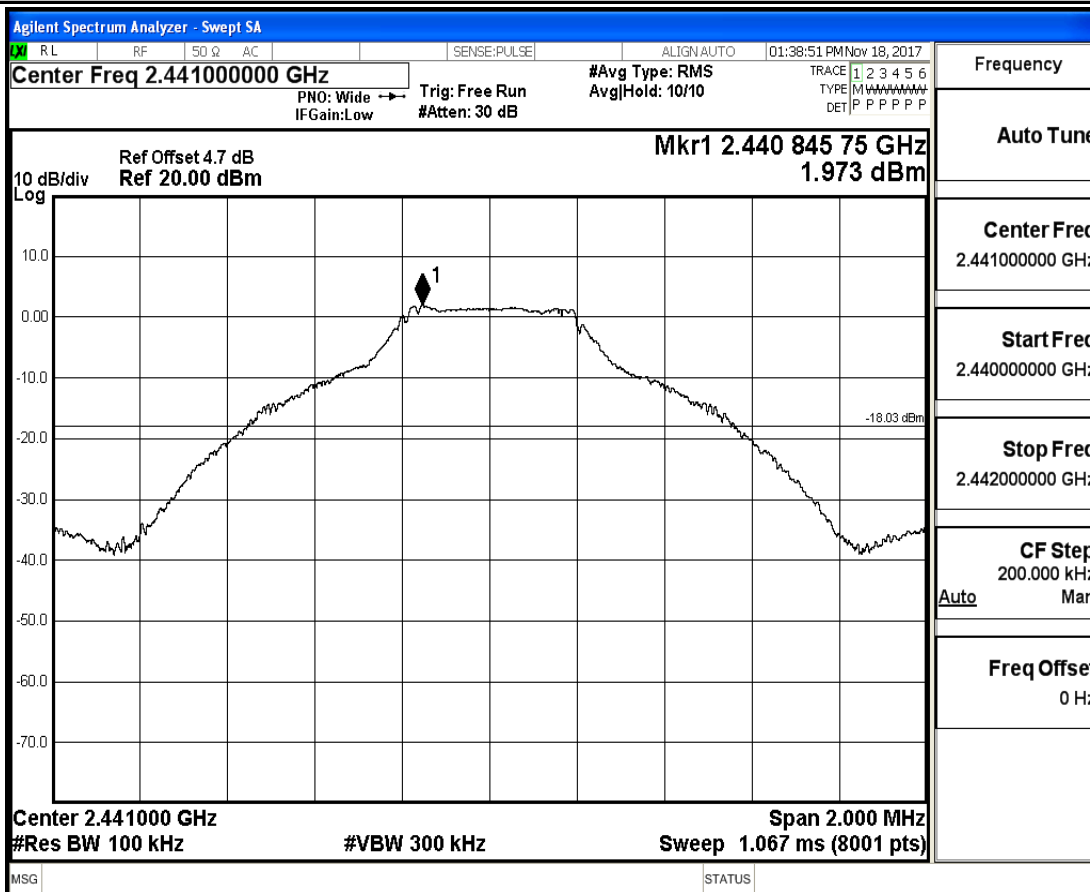
8.RF Conducted Spurious Emissions

Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
DH5	2402	30	25000	100	300	0.922	-49.112	<-19.078	PASS
DH5	2441	30	25000	100	300	1.973	-48.261	<-18.027	PASS
DH5	2480	30	25000	100	300	2.092	-47.750	<-17.908	PASS
2DH5	2402	30	25000	100	300	-0.332	-47.775	<-20.332	PASS
2DH5	2441	30	25000	100	300	0.660	-48.081	<-19.34	PASS
2DH5	2480	30	25000	100	300	0.676	-48.501	<-19.324	PASS
3DH5	2402	30	25000	100	300	0.374	-47.588	<-19.626	PASS
3DH5	2441	30	25000	100	300	0.636	-48.243	<-19.364	PASS
3DH5	2480	30	25000	100	300	0.951	-47.796	<-19.049	PASS

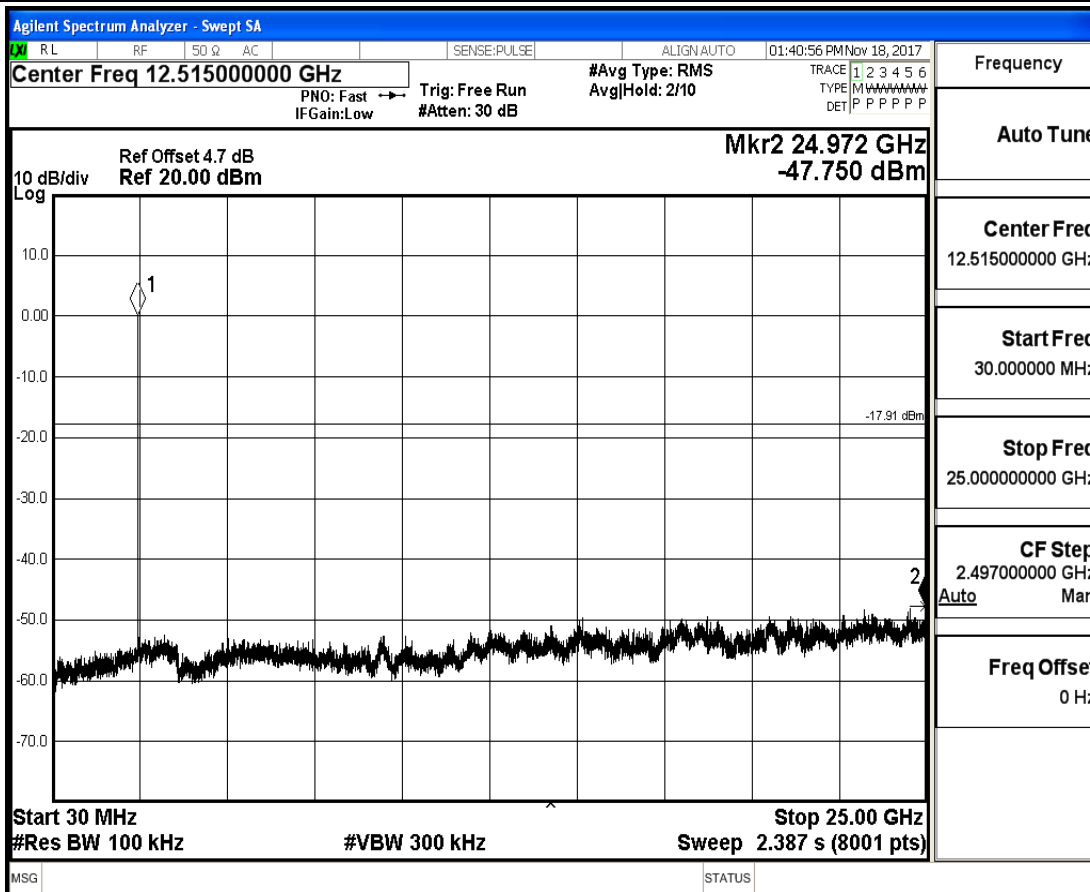
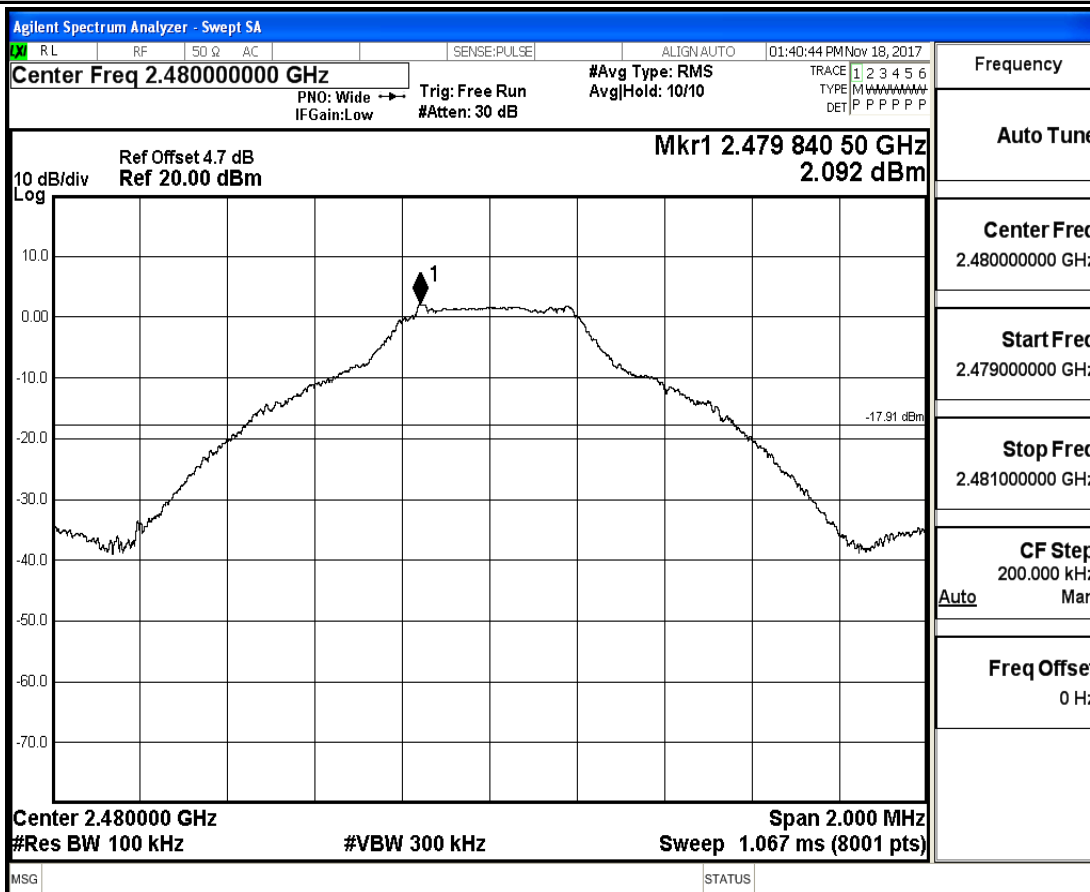
RF Conducted Spurious Emissions_DH5_2402



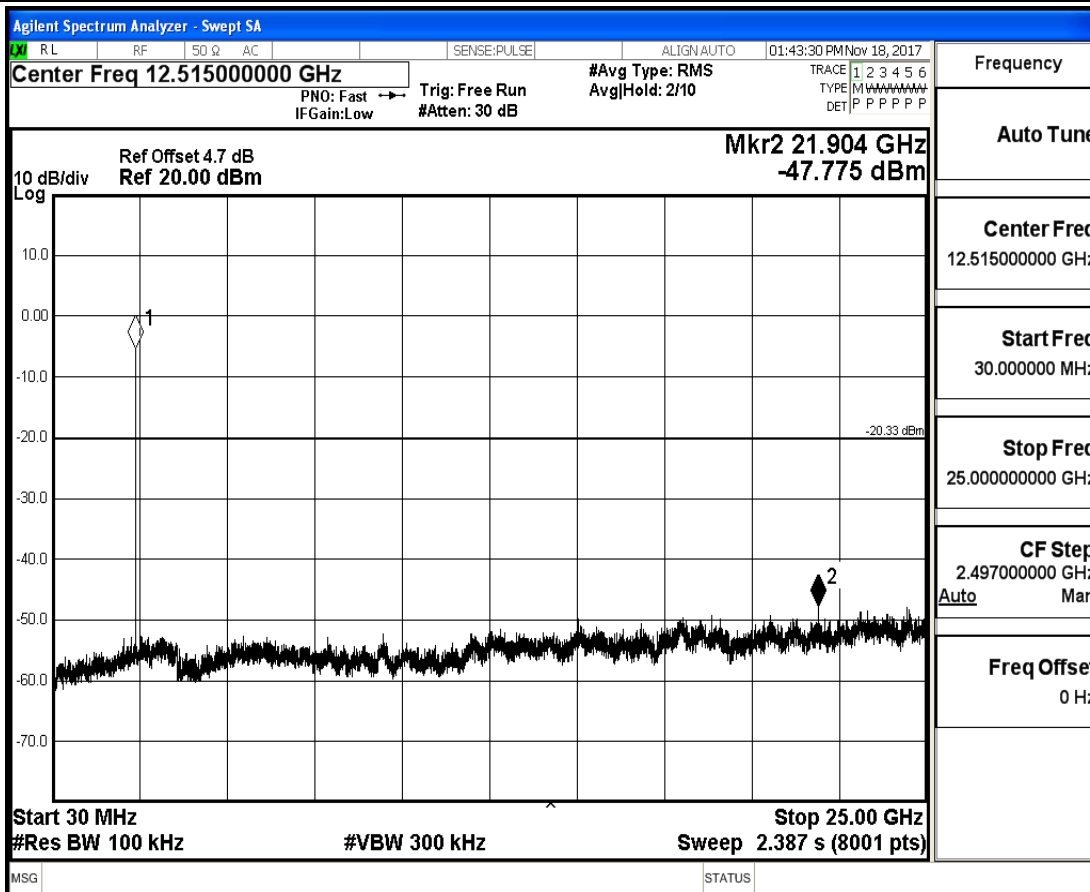
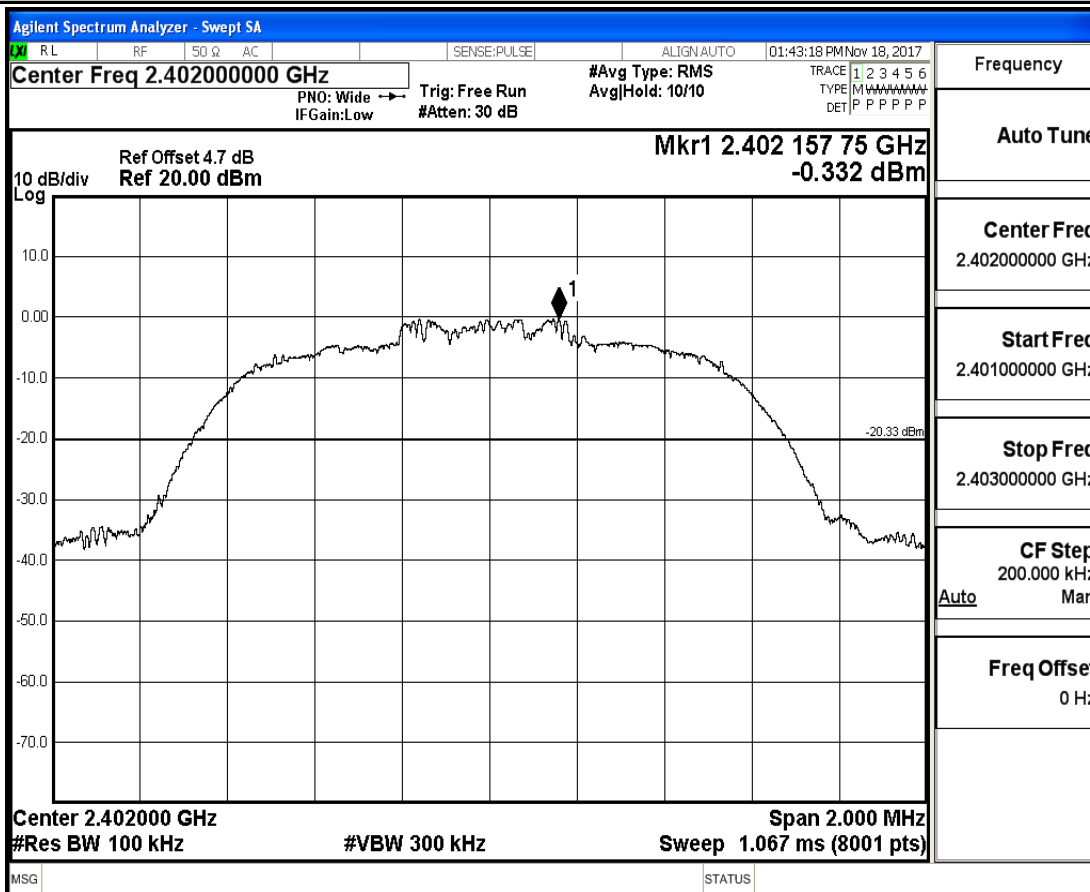
RF Conducted Spurious Emissions_DH5_2441



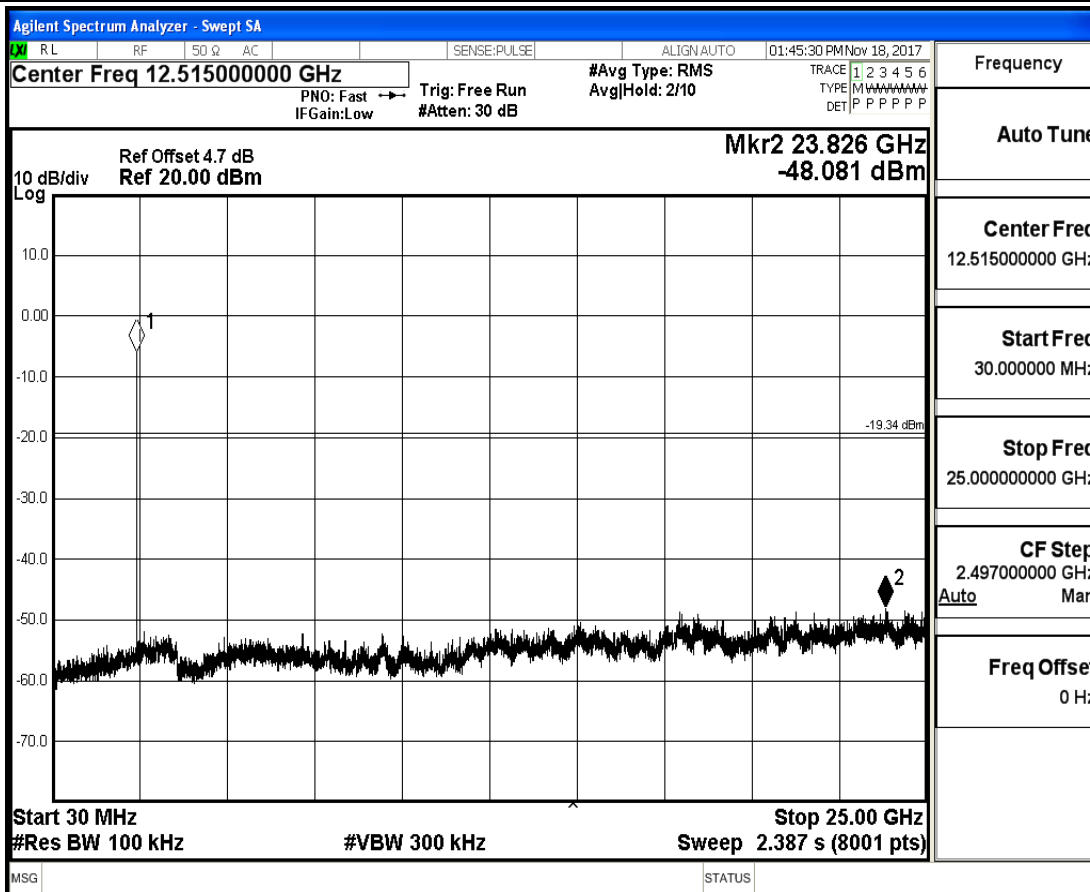
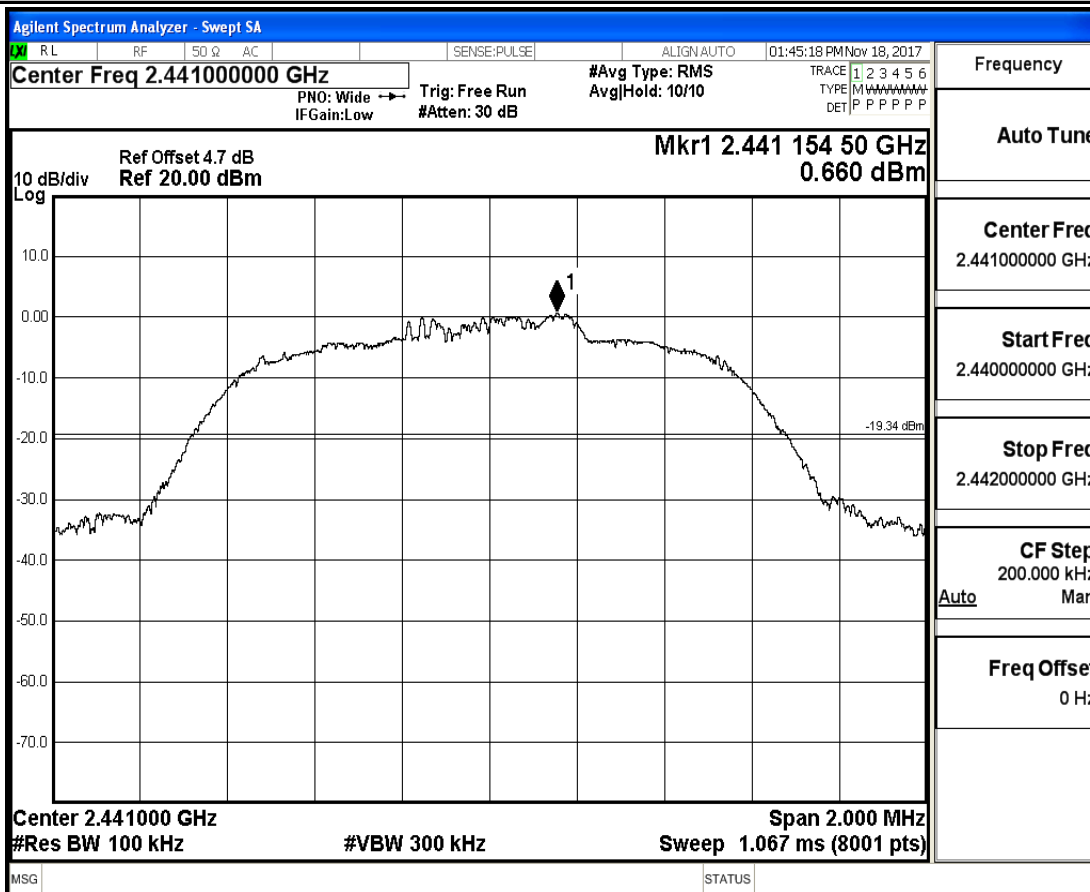
RF Conducted Spurious Emissions_DH5_2480



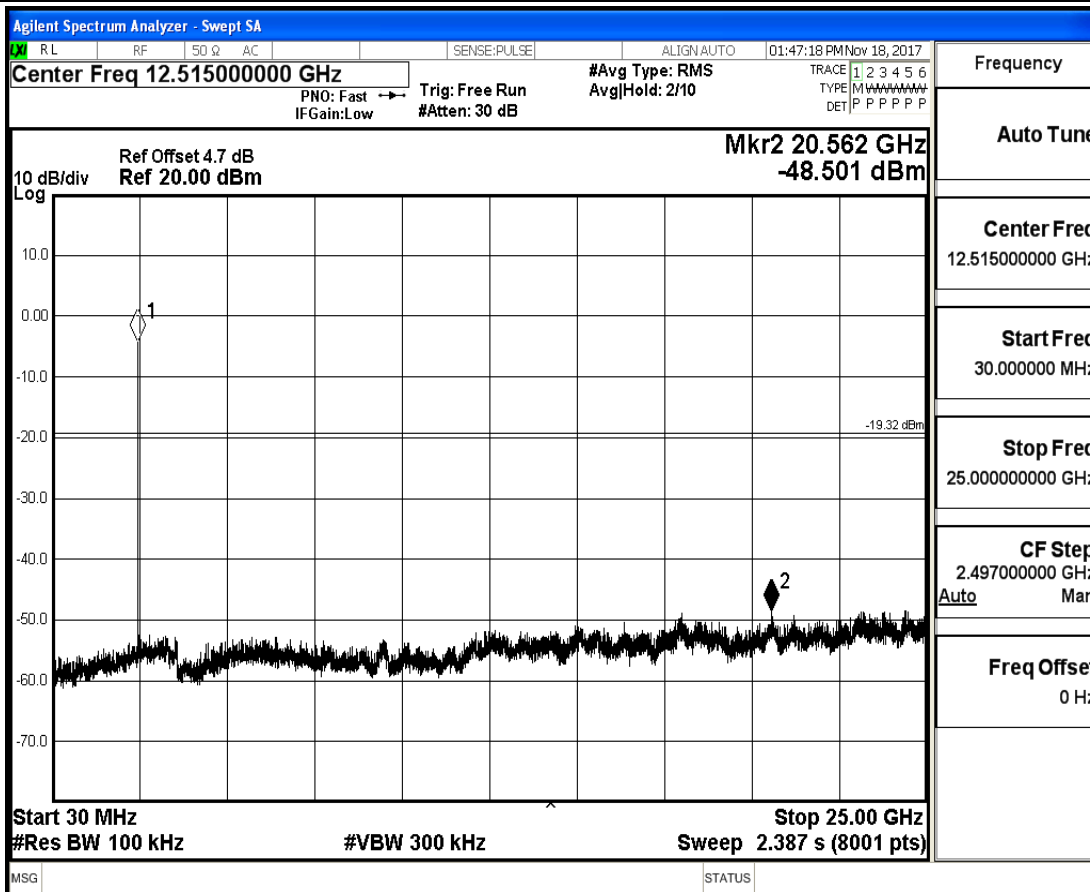
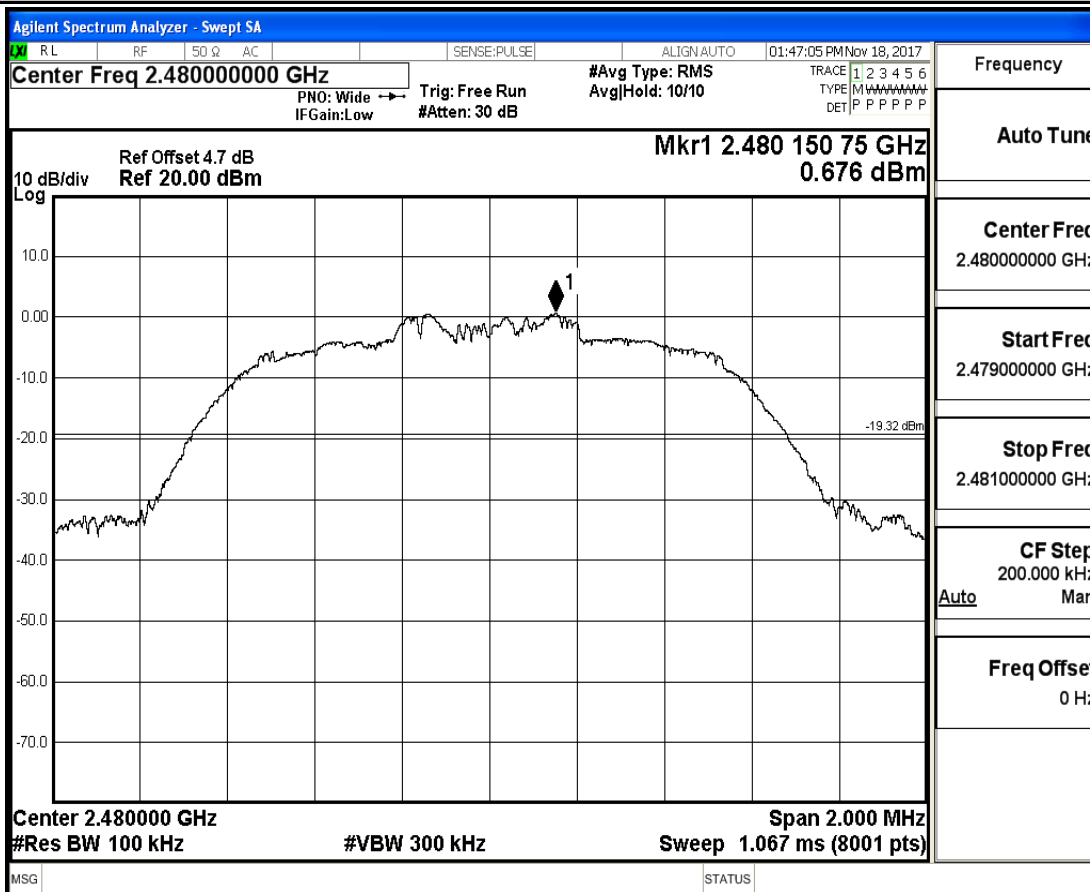
RF Conducted Spurious Emissions_2DH5_2402



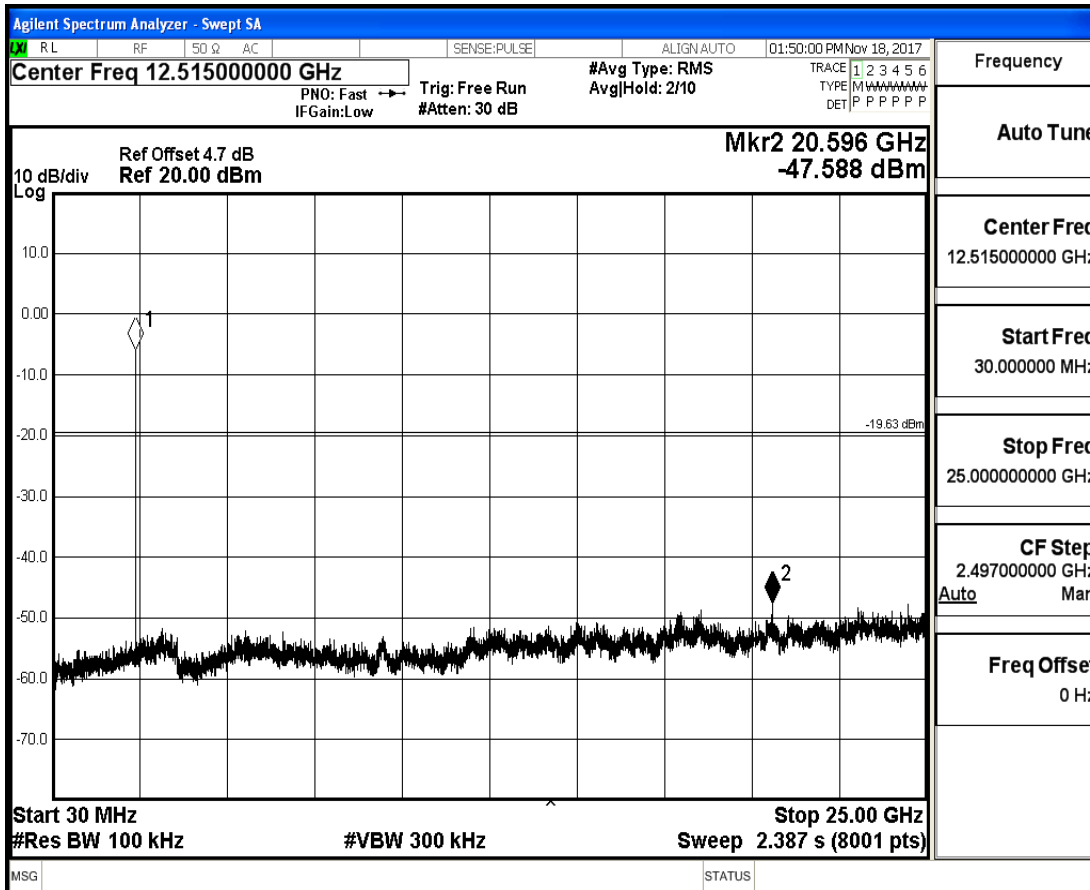
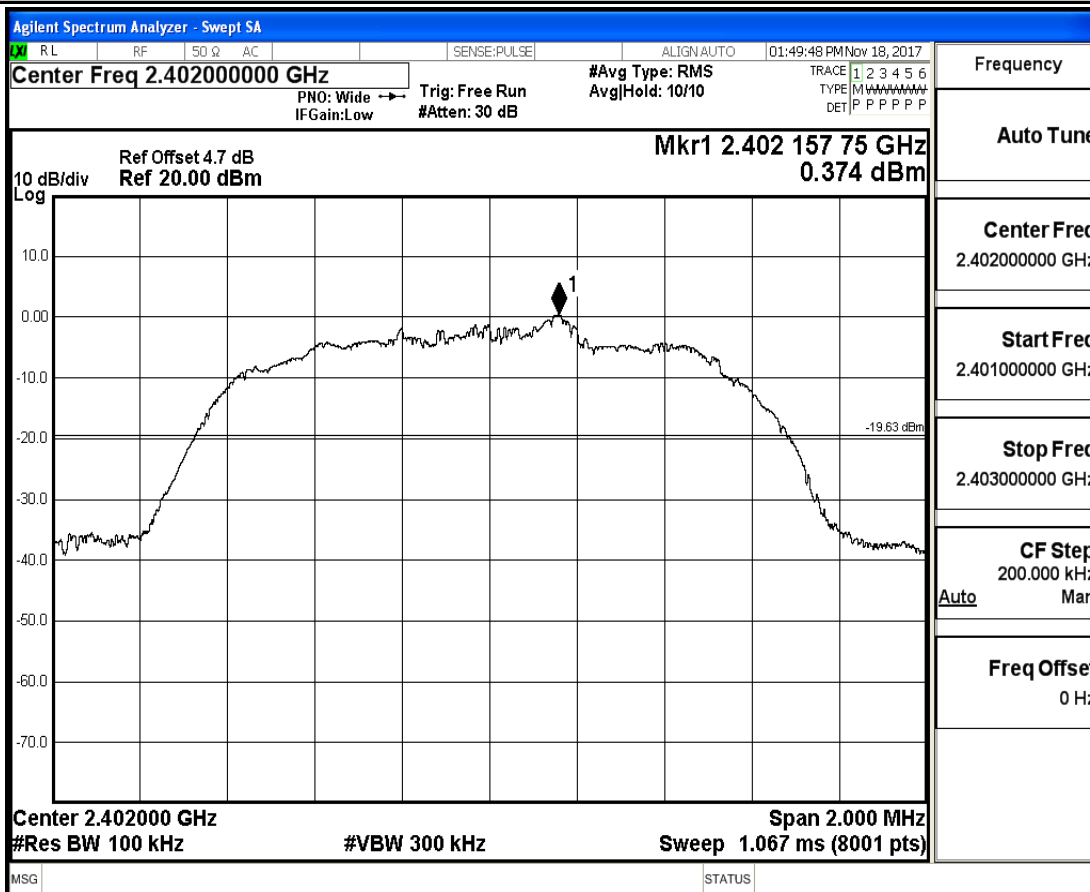
RF Conducted Spurious Emissions_2DH5_2441



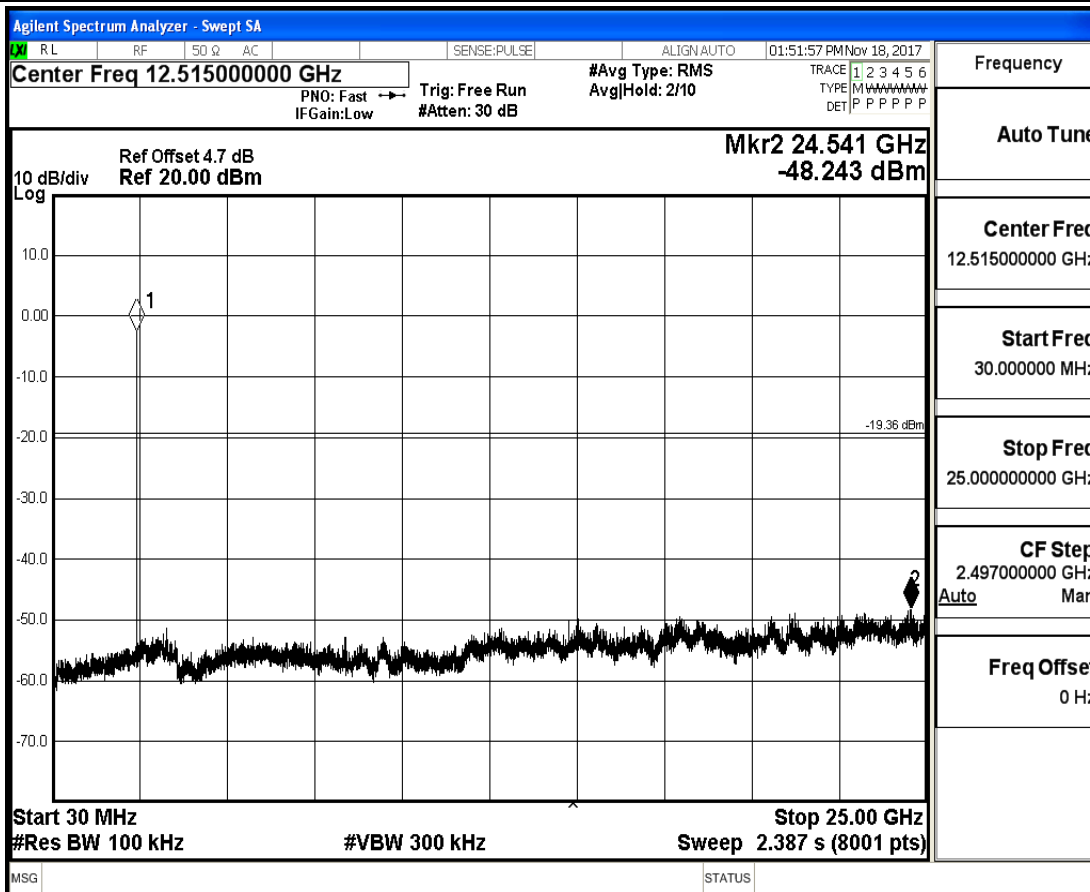
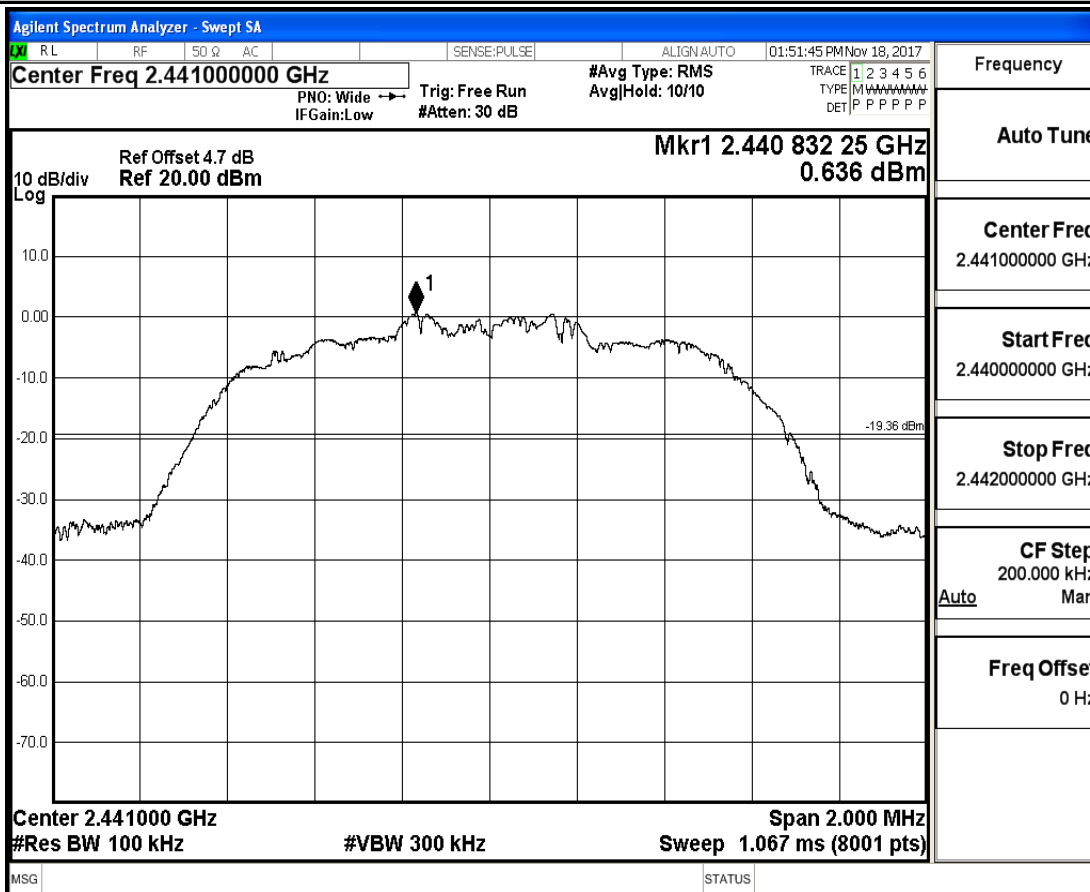
RF Conducted Spurious Emissions_2DH5_2480



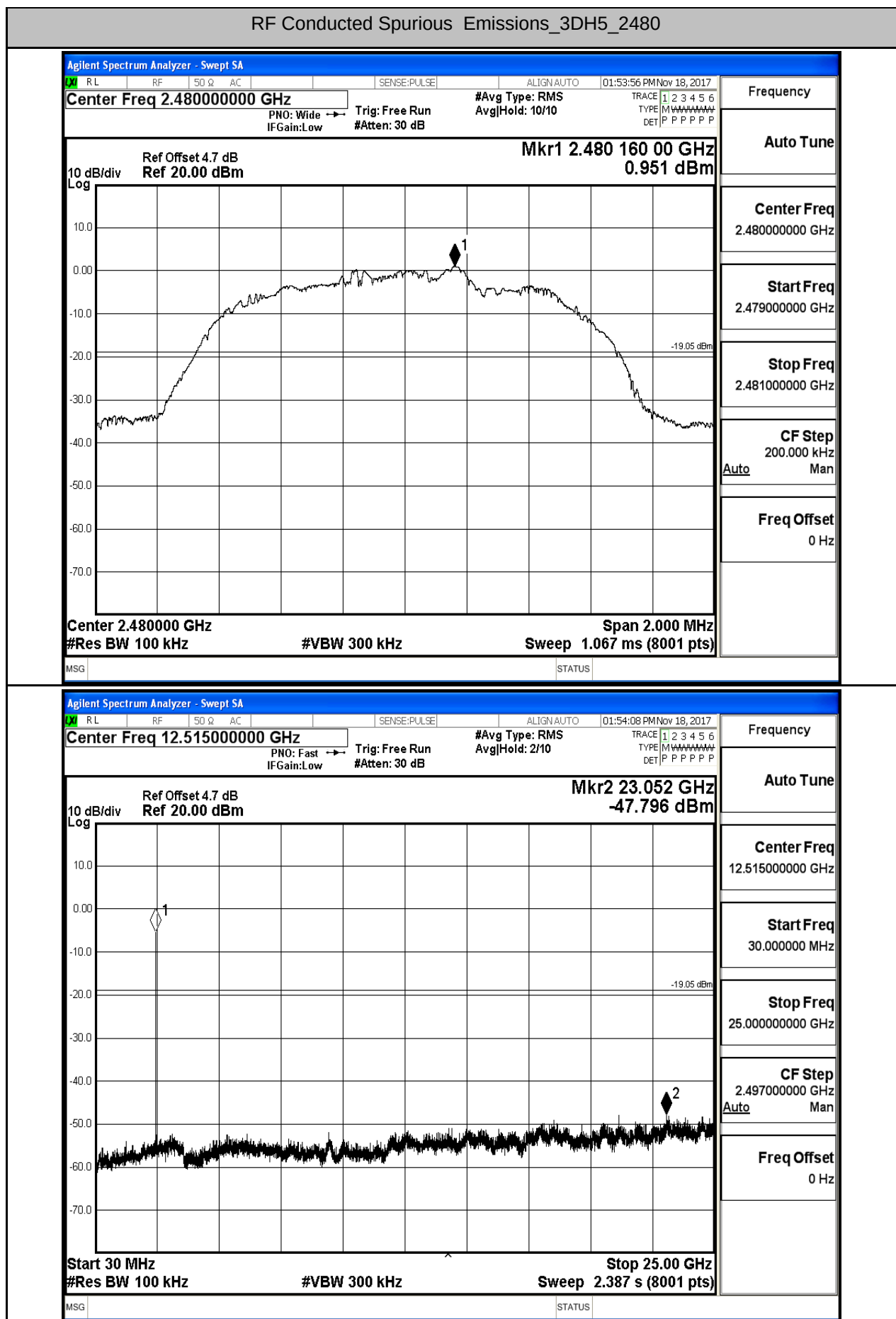
RF Conducted Spurious Emissions_3DH5_2402



RF Conducted Spurious Emissions_3DH5_2441



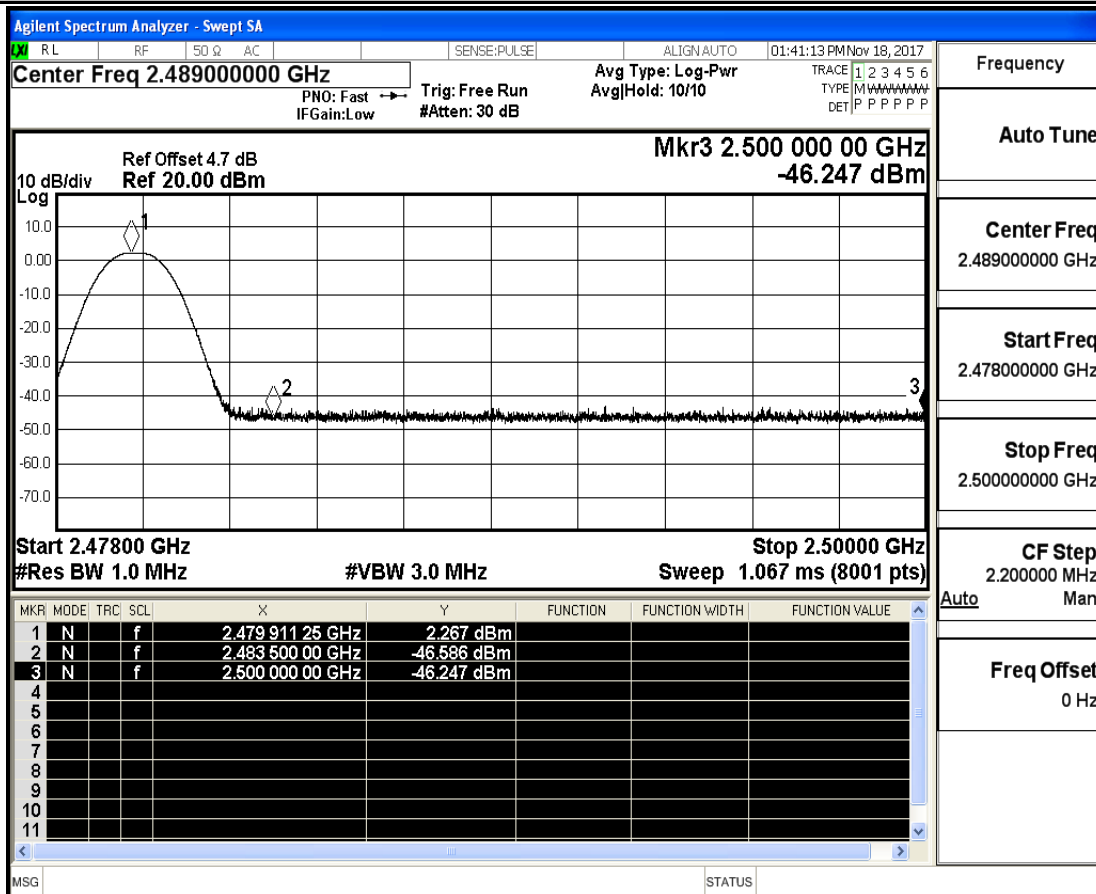
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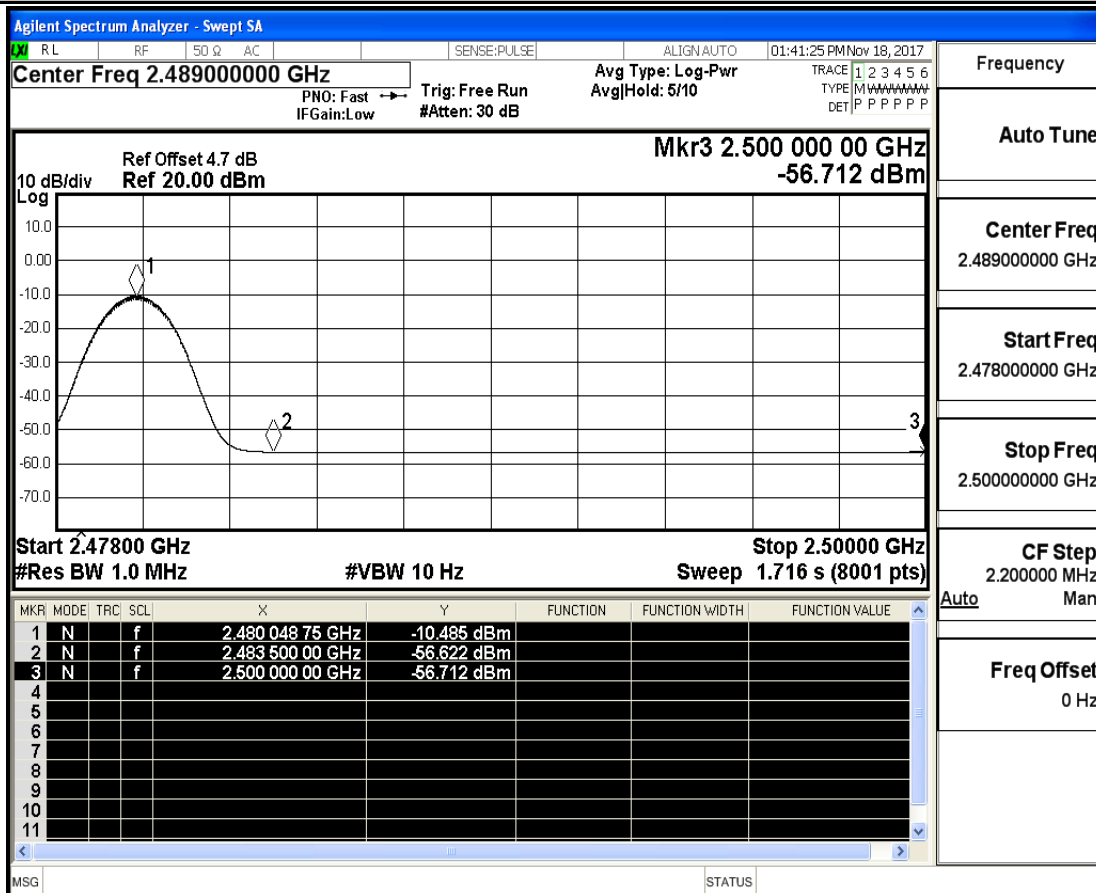
9.Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
DH5	On	2310.0	-48.27	2.0	0	48.990	PEAK	74	PASS
DH5	On	2310.0	-58.37	2.0	0	38.890	AV	54	PASS
DH5	On	2390.0	-47.69	2.0	0	49.570	PEAK	74	PASS
DH5	On	2390.0	-58.05	2.0	0	39.210	AV	54	PASS
DH5	On	2483.5	-46.59	2.0	0	50.670	PEAK	74	PASS
DH5	On	2483.5	-56.62	2.0	0	40.640	AV	54	PASS
DH5	On	2500.0	-46.25	2.0	0	51.010	PEAK	74	PASS
DH5	On	2500.0	-56.71	2.0	0	40.550	AV	54	PASS
2DH5	On	2310.0	-45.53	2.0	0	51.730	PEAK	74	PASS
2DH5	On	2310.0	-57.32	2.0	0	39.940	AV	54	PASS
2DH5	On	2390.0	-47.20	2.0	0	50.060	PEAK	74	PASS
2DH5	On	2390.0	-57.11	2.0	0	40.150	AV	54	PASS
2DH5	On	2483.5	-45.87	2.0	0	51.390	PEAK	74	PASS
2DH5	On	2483.5	-56.51	2.0	0	40.750	AV	54	PASS
2DH5	On	2500.0	-46.50	2.0	0	50.760	PEAK	74	PASS
2DH5	On	2500.0	-56.75	2.0	0	40.510	AV	54	PASS
3DH5	On	2310.0	-46.27	2.0	0	50.990	PEAK	74	PASS
3DH5	On	2310.0	-57.41	2.0	0	39.850	AV	54	PASS
3DH5	On	2390.0	-45.60	2.0	0	51.660	PEAK	74	PASS
3DH5	On	2390.0	-57.07	2.0	0	40.190	AV	54	PASS
3DH5	On	2483.5	-44.34	2.0	0	52.920	PEAK	74	PASS
3DH5	On	2483.5	-56.41	2.0	0	40.850	AV	54	PASS
3DH5	On	2500.0	-46.54	2.0	0	50.720	PEAK	74	PASS
3DH5	On	2500.0	-56.73	2.0	0	40.530	AV	54	PASS

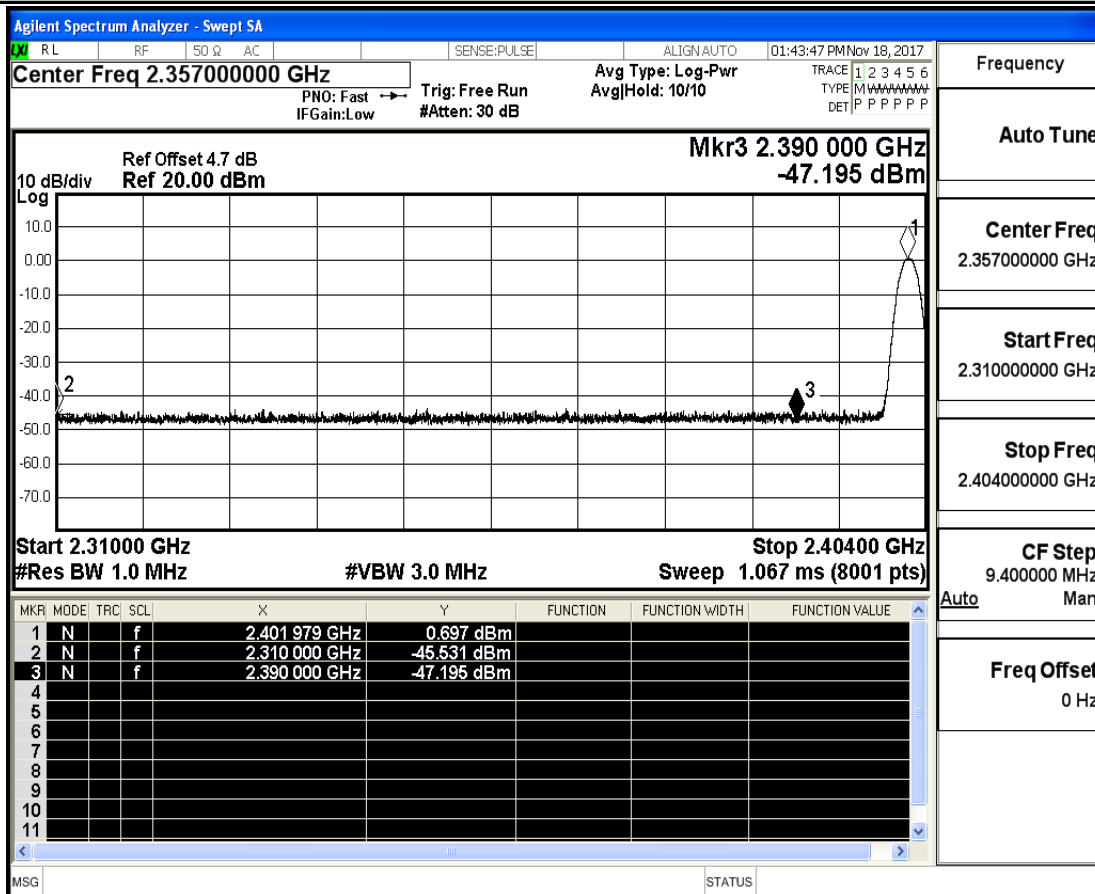
Restrict-band band-edge measurements_2480_PEAK



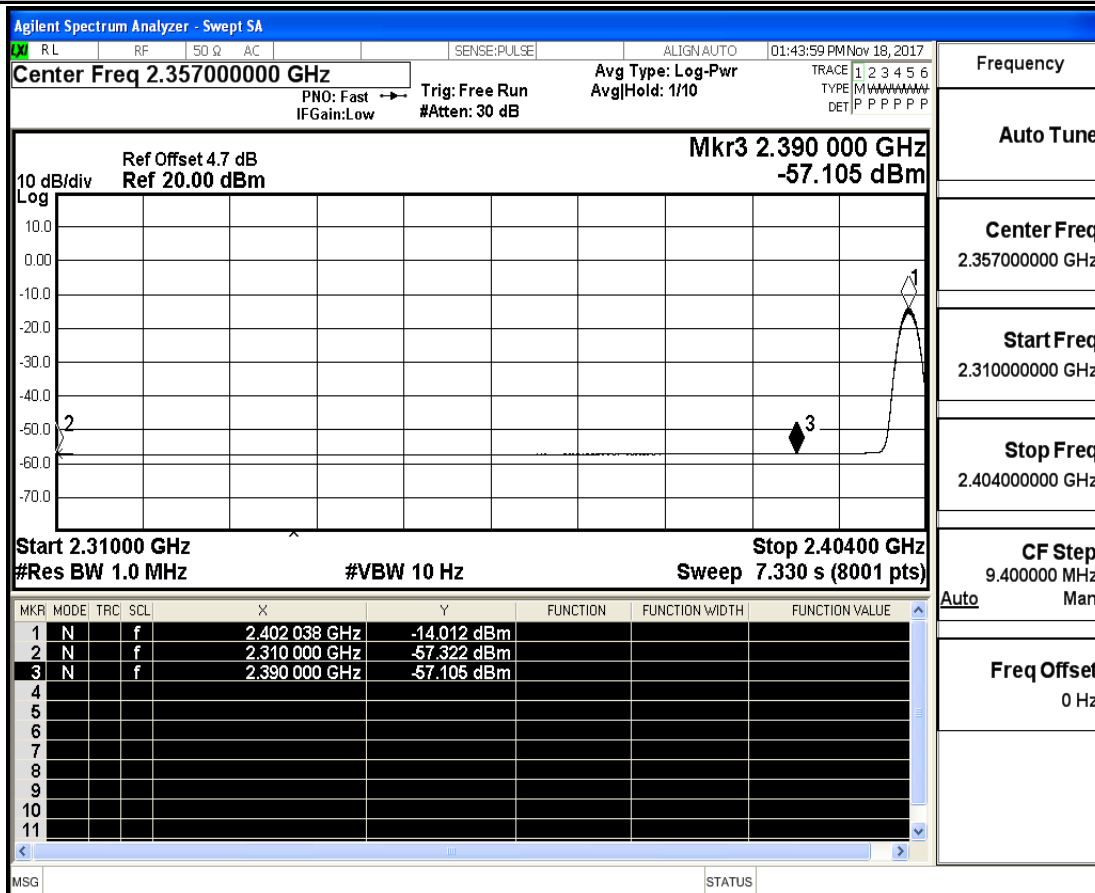
Restrict-band band-edge measurements_2480_AV



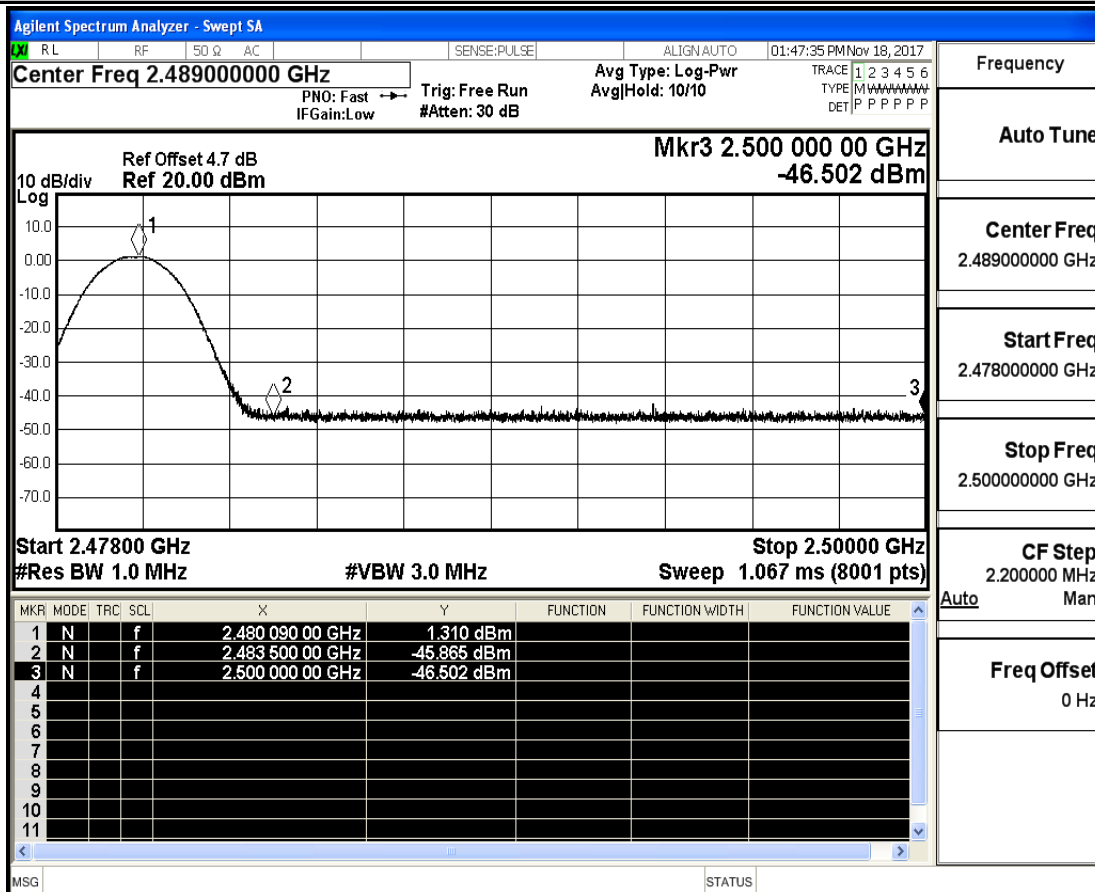
Restrict-band band-edge measurements_2402_PEAK



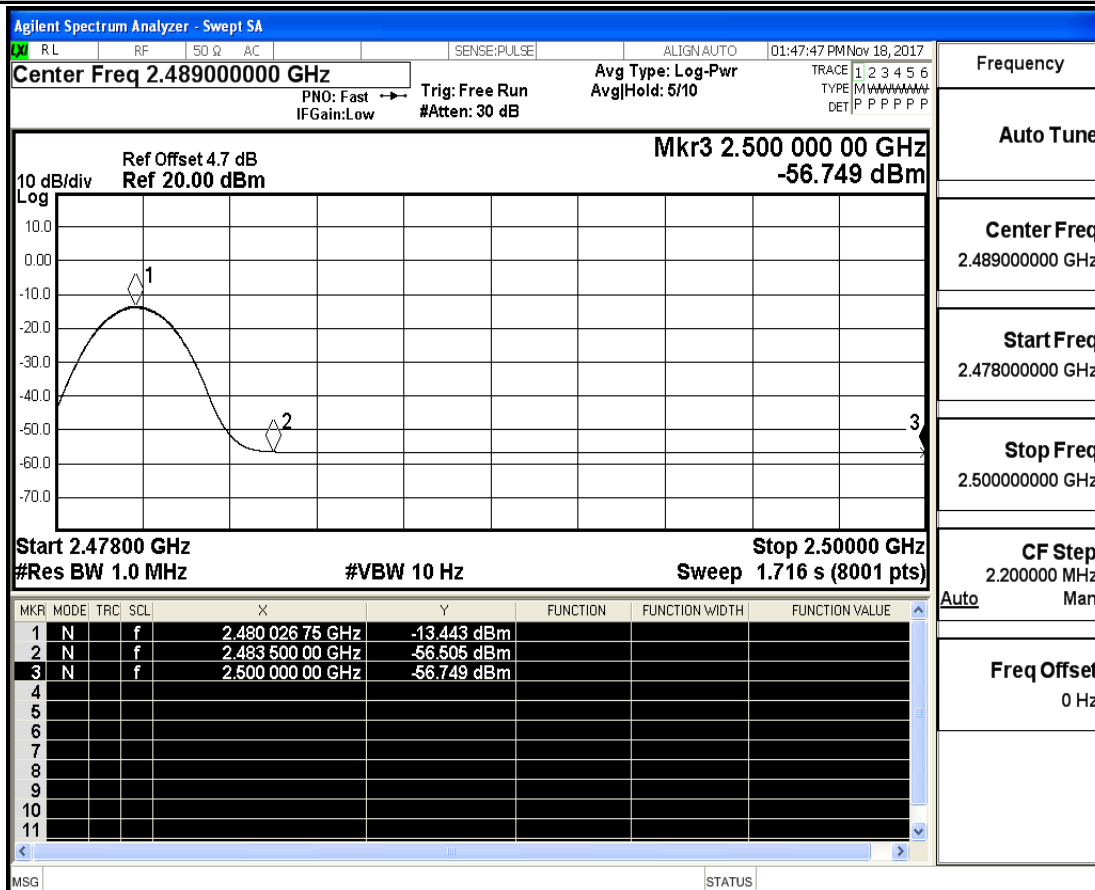
Restrict-band band-edge measurements_2402_AV



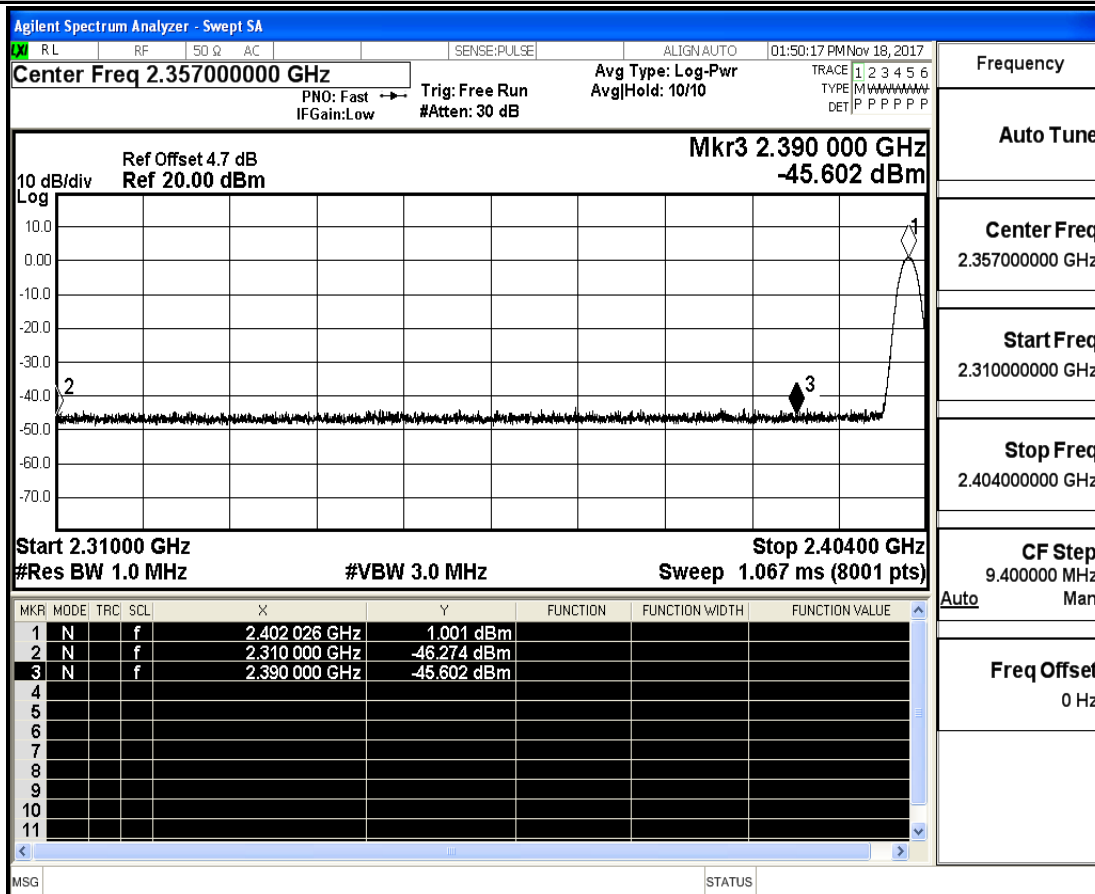
Restrict-band band-edge measurements_2480_PEAK



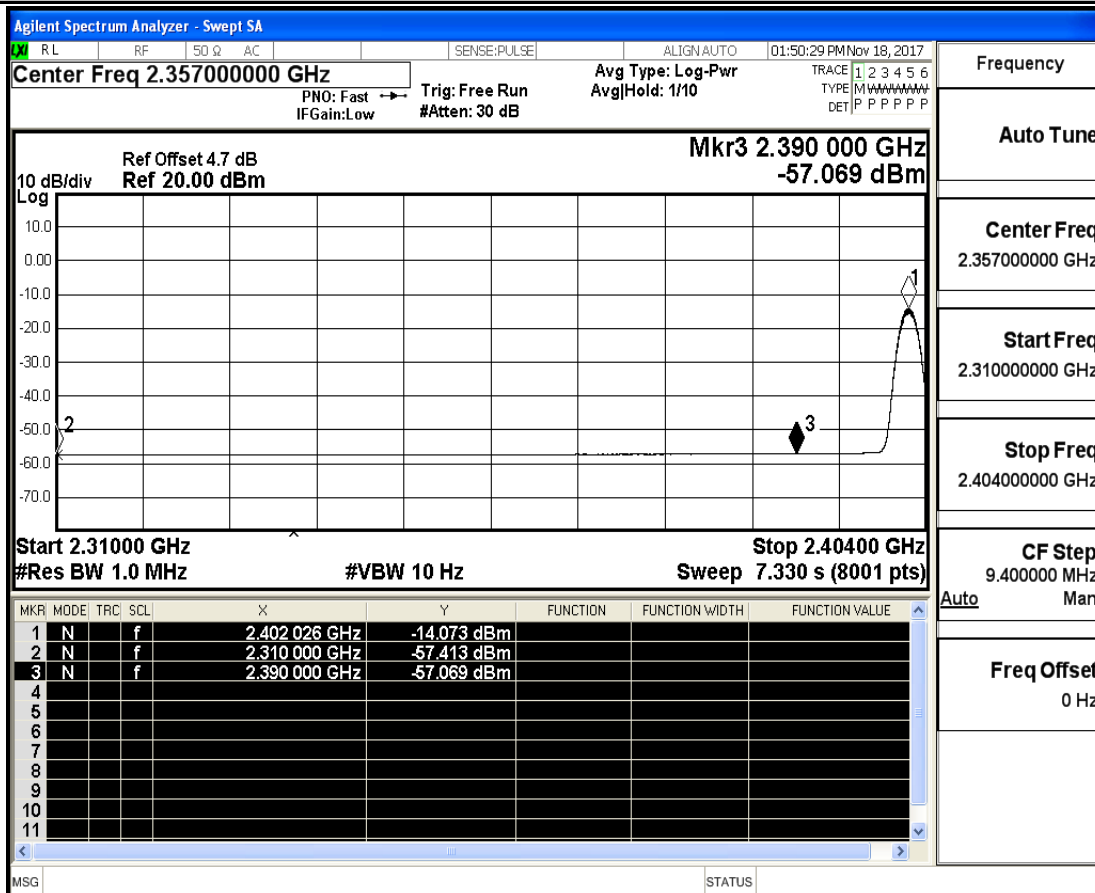
Restrict-band band-edge measurements_2480_AV



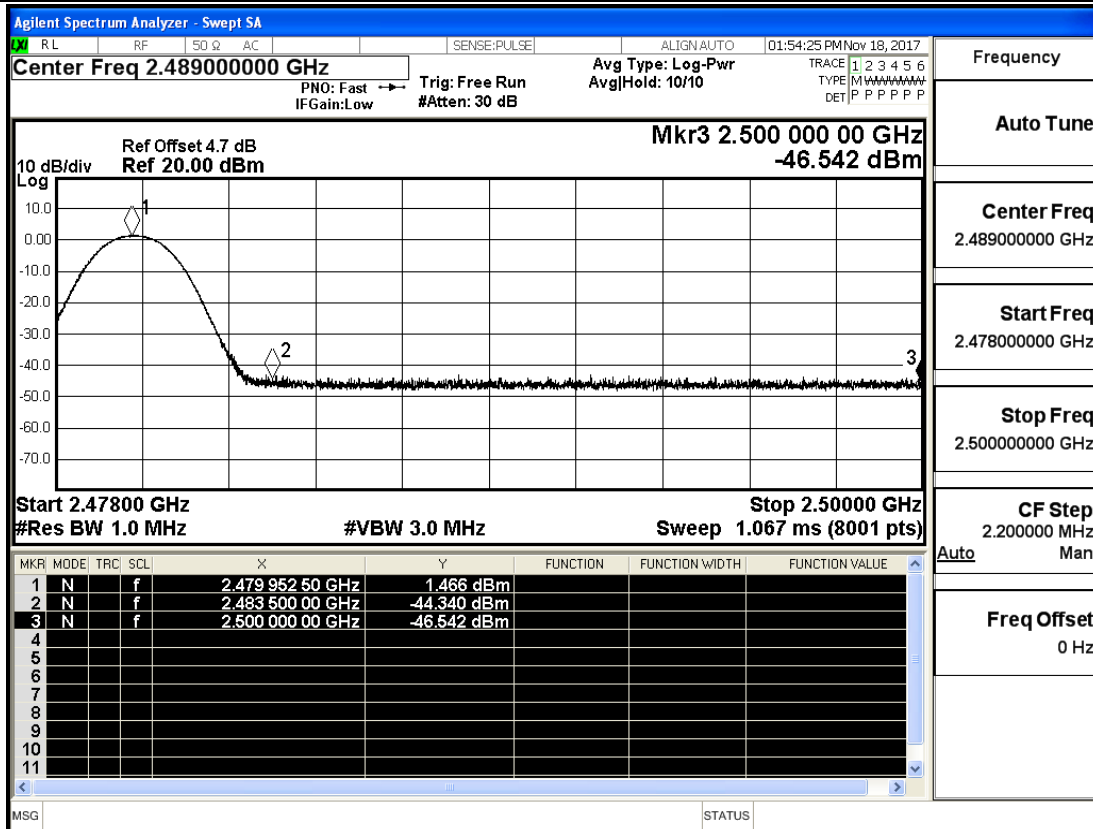
Restrict-band band-edge measurements_2402_PEAK



Restrict-band band-edge measurements_2402_AV



Restrict-band band-edge measurements_2480_PEAK



Restrict-band band-edge measurements_2480_AV

