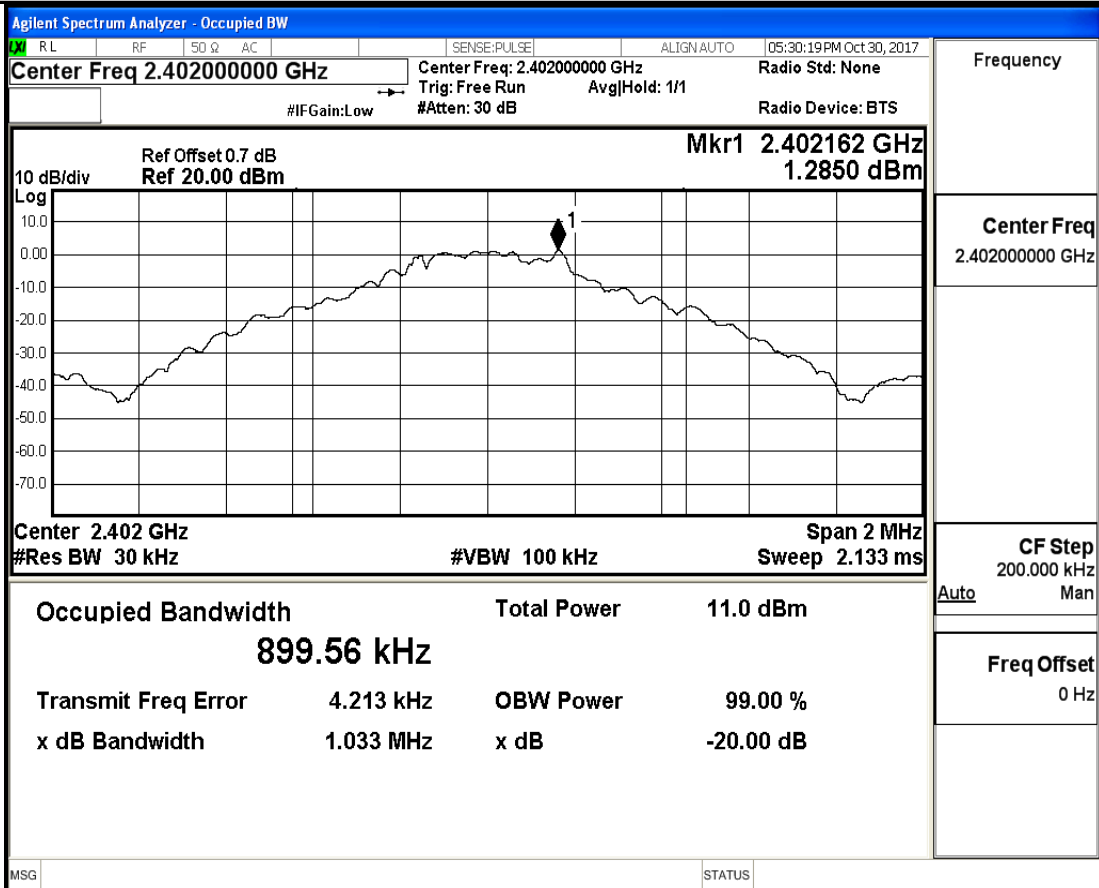


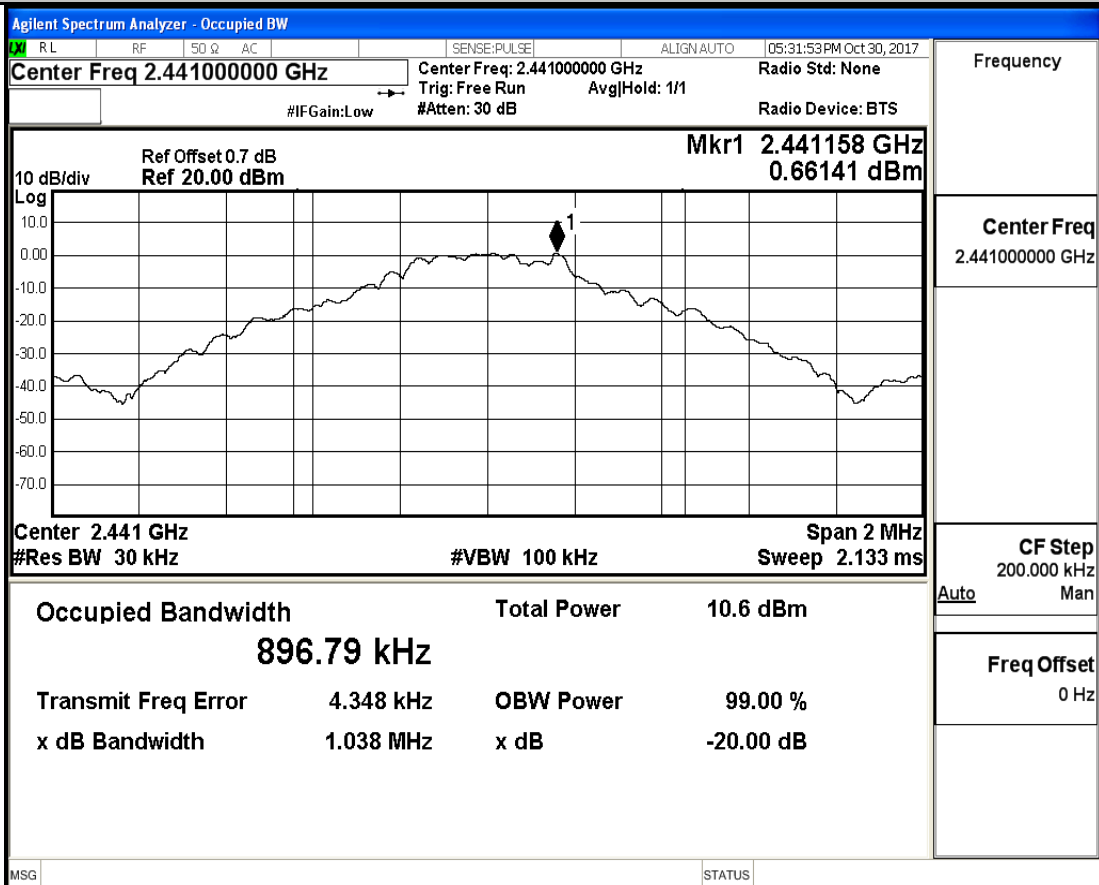
**1.20 dB Bandwidth**

Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
DH5	2402	1.033	---	PASS
DH5	2441	1.038	---	PASS
DH5	2480	1.032	---	PASS
2DH5	2402	1.289	---	PASS
2DH5	2441	1.290	---	PASS
2DH5	2480	1.291	---	PASS
3DH5	2402	1.291	---	PASS
3DH5	2441	1.298	---	PASS
3DH5	2480	1.295	---	PASS

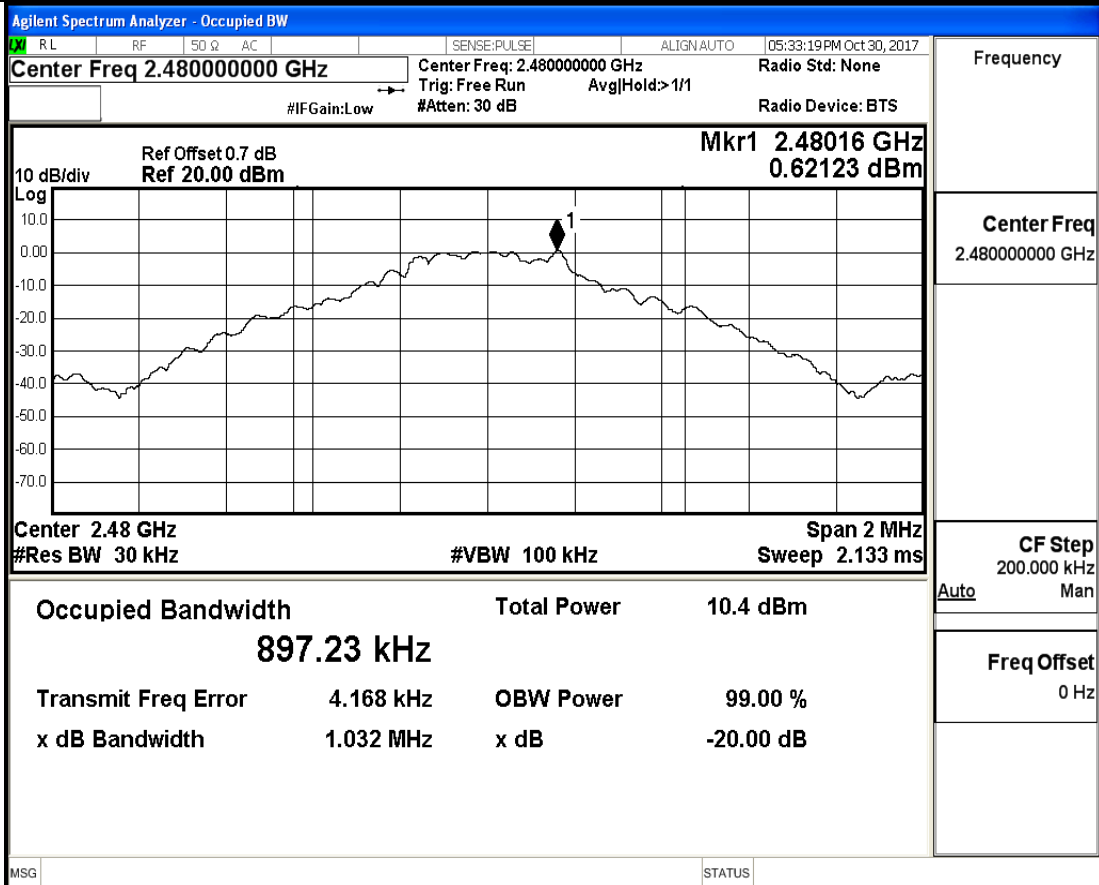
## 20 dB Bandwidth\_DH5\_2402



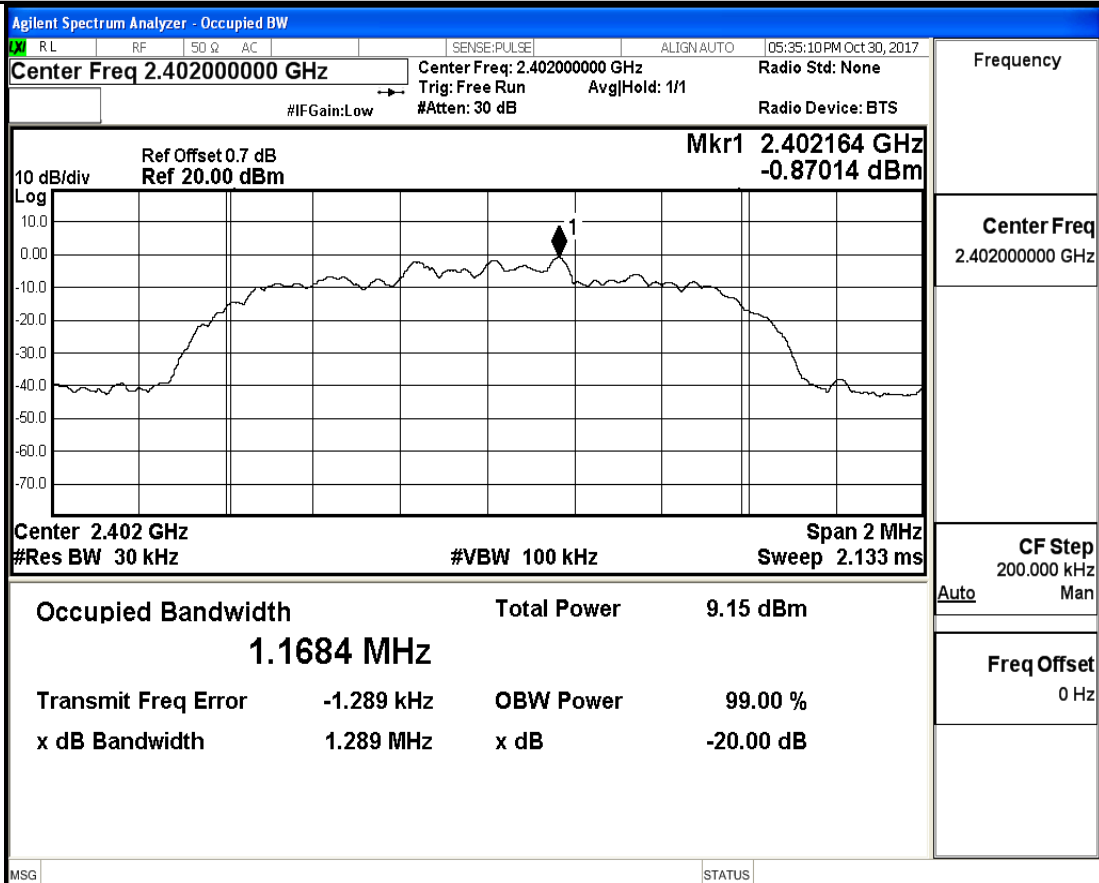
## 20 dB Bandwidth\_DH5\_2441



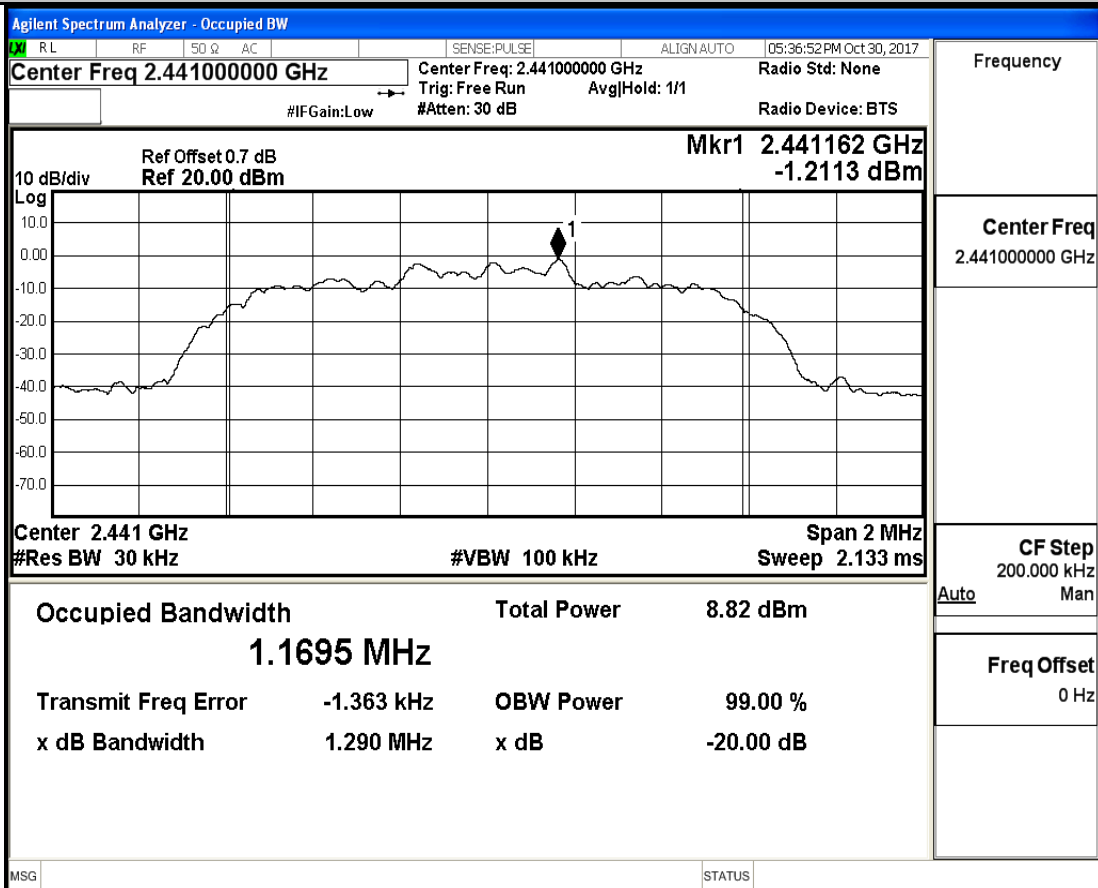
## 20 dB Bandwidth\_DH5\_2480



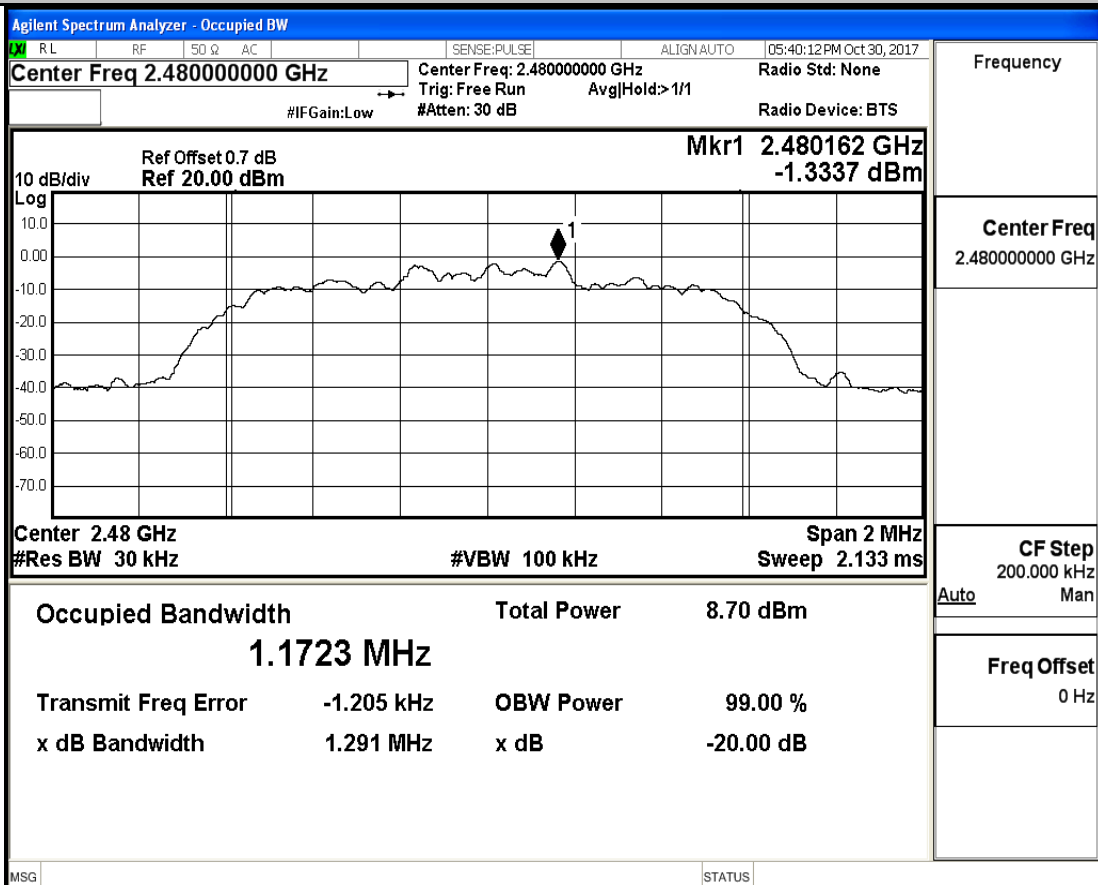
## 20 dB Bandwidth\_2DH5\_2402



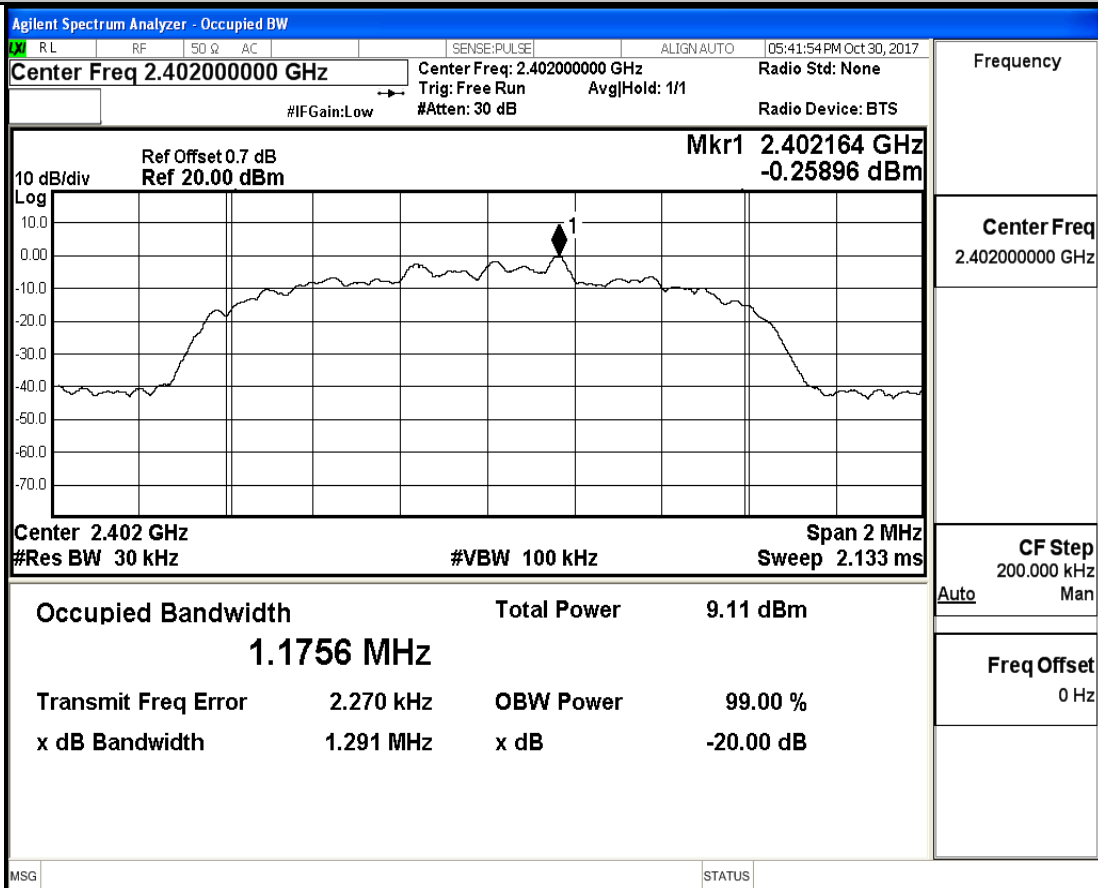
## 20 dB Bandwidth\_2DH5\_2441



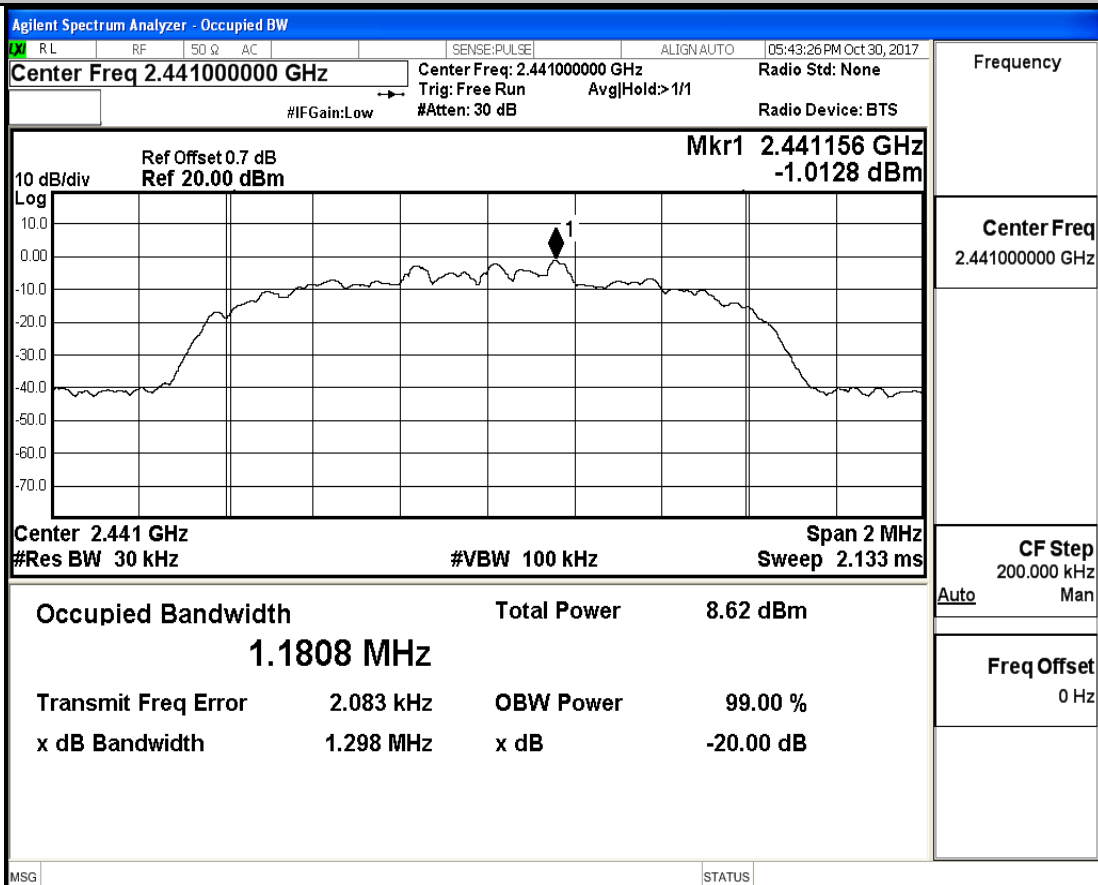
## 20 dB Bandwidth\_2DH5\_2480

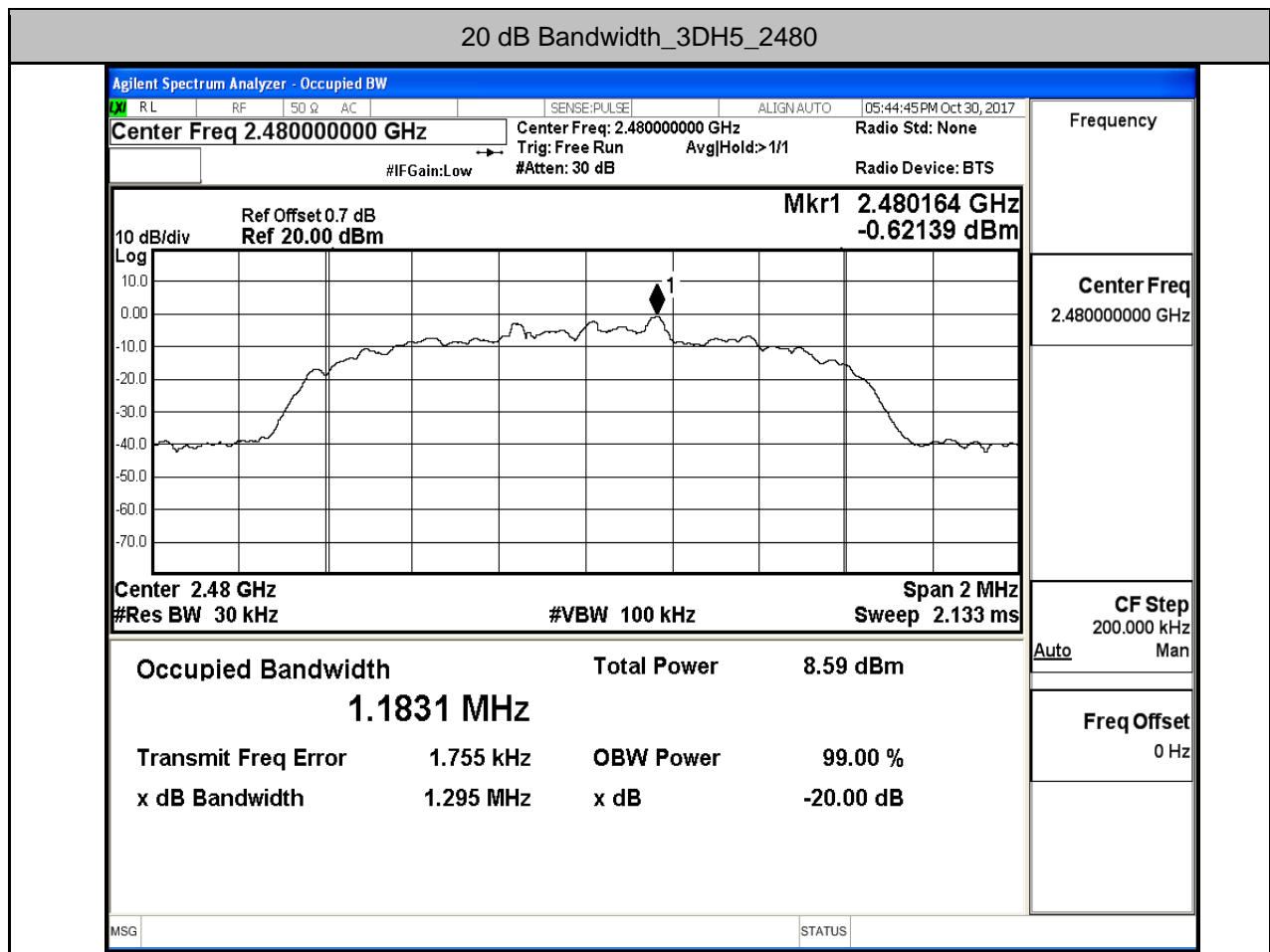


## 20 dB Bandwidth\_3DH5\_2402



## 20 dB Bandwidth\_3DH5\_2441





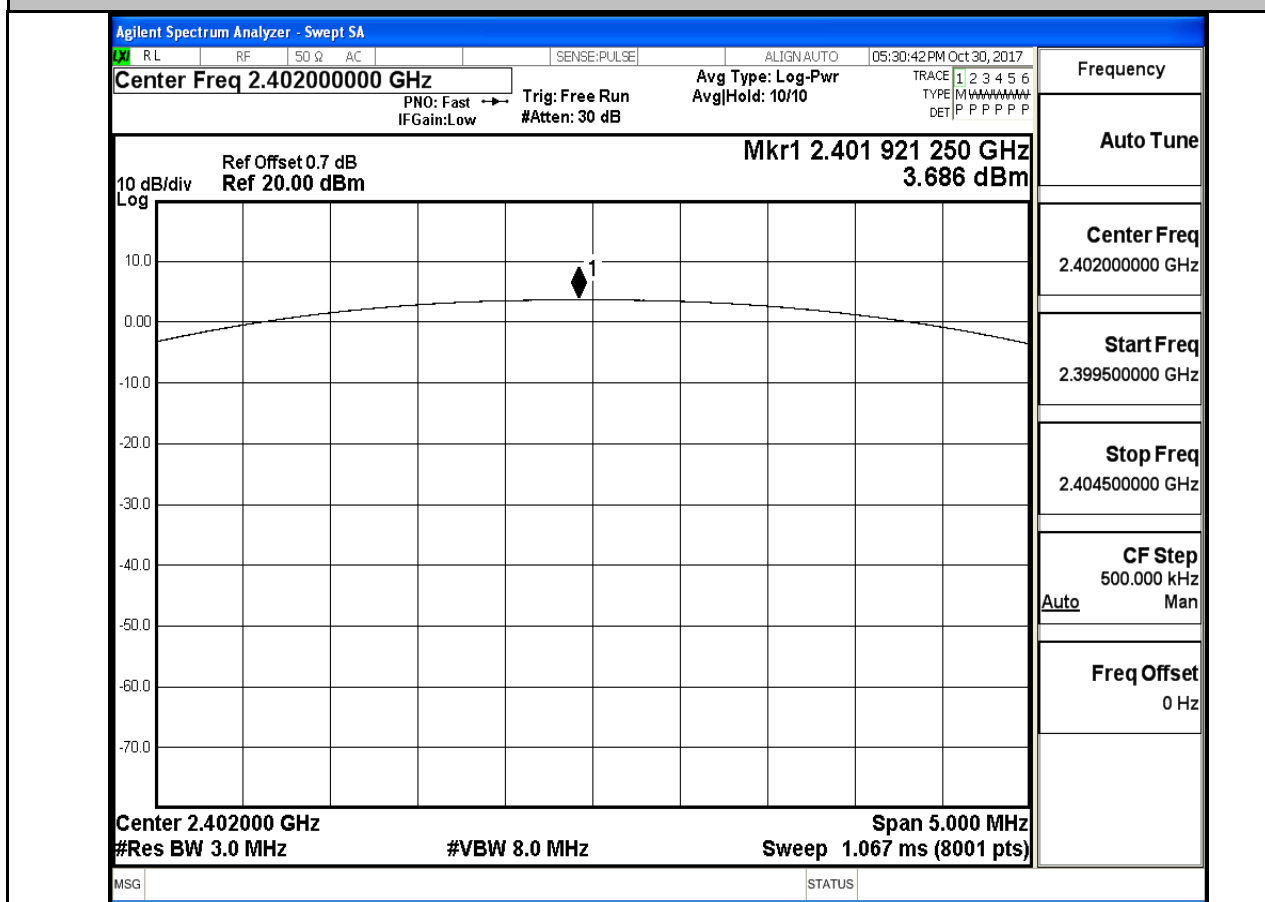
**2.Occupied Bandwidth**

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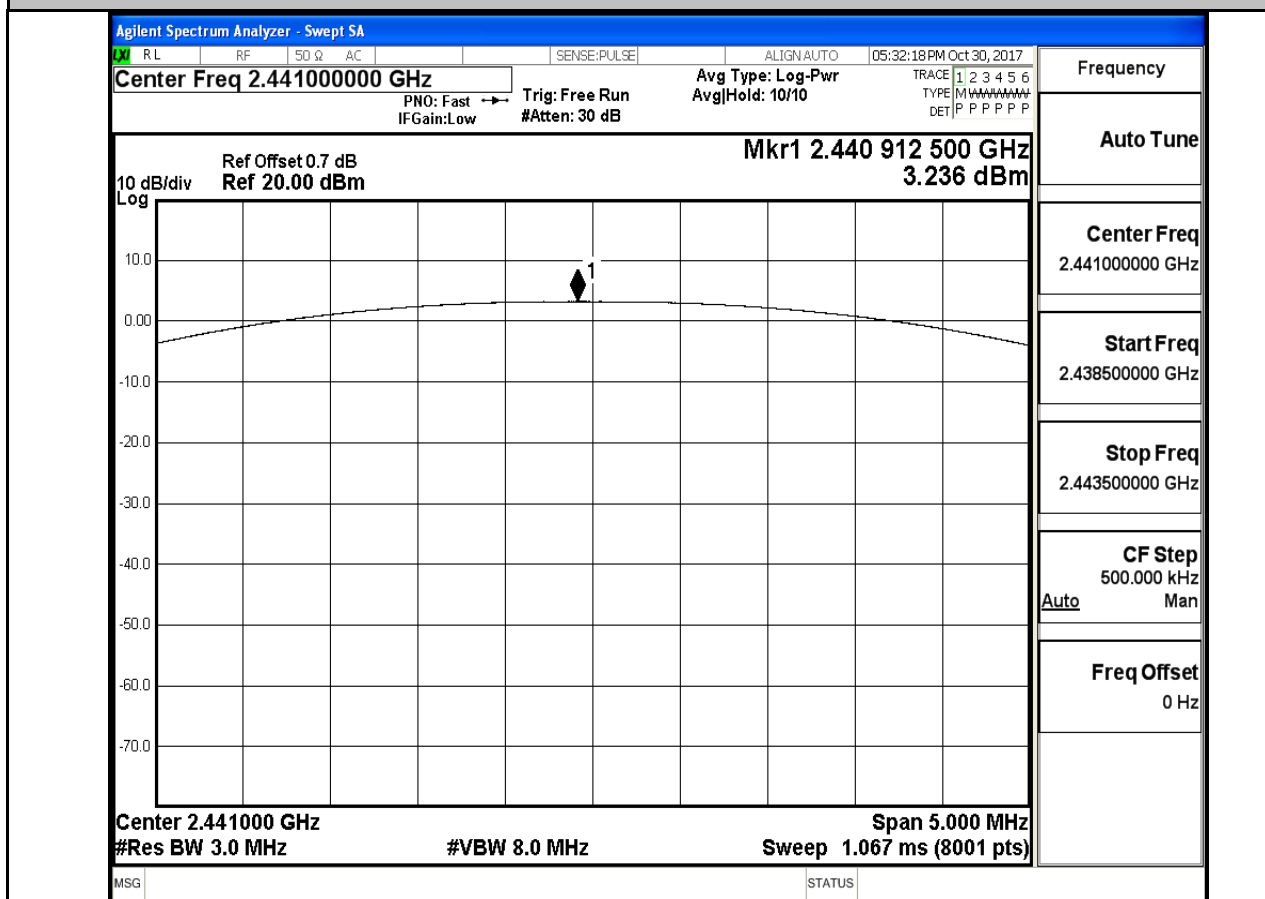
**3.Conducted Peak Output Power**

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
DH5	2402	3.686	30	PASS
DH5	2441	3.236	30	PASS
DH5	2480	2.958	30	PASS
2DH5	2402	2.898	21	PASS
2DH5	2441	2.501	21	PASS
2DH5	2480	2.284	21	PASS
3DH5	2402	3.022	21	PASS
3DH5	2441	2.617	21	PASS
3DH5	2480	2.431	21	PASS

## Conducted Peak Output Power\_DH5\_2402

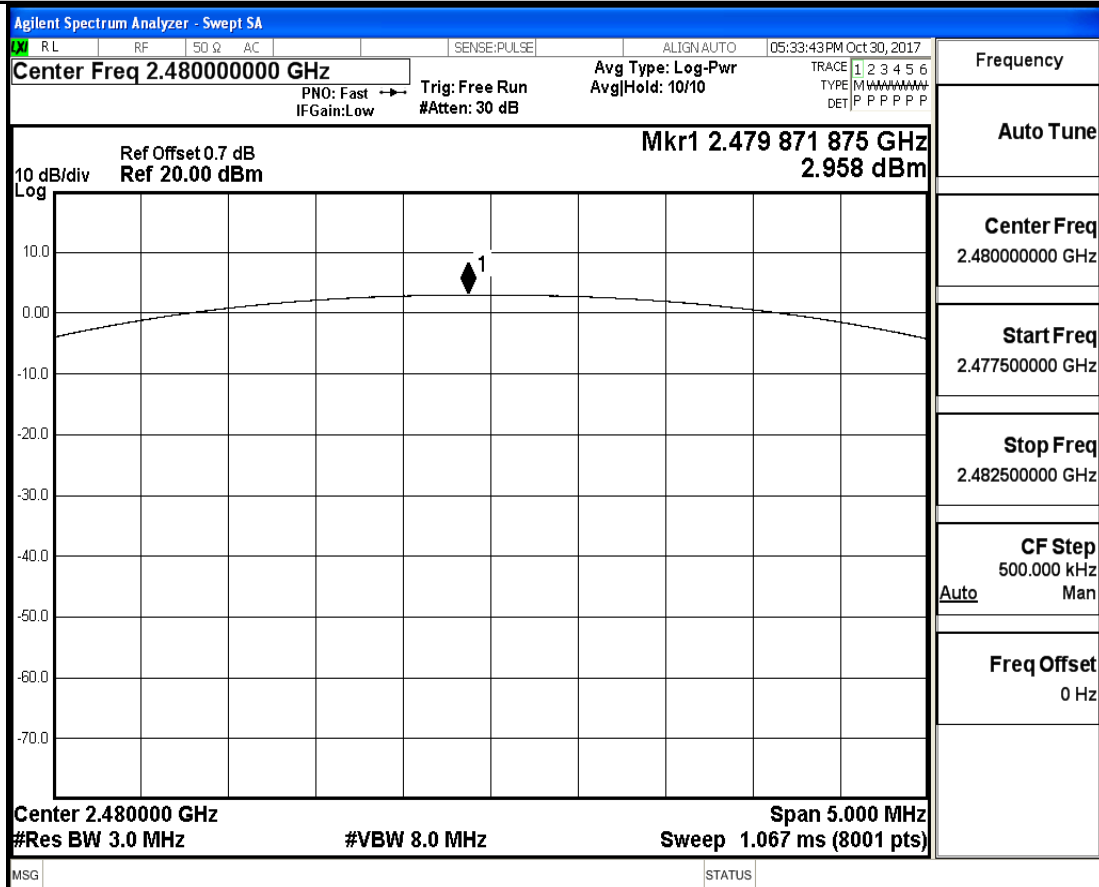


## Conducted Peak Output Power\_DH5\_2441

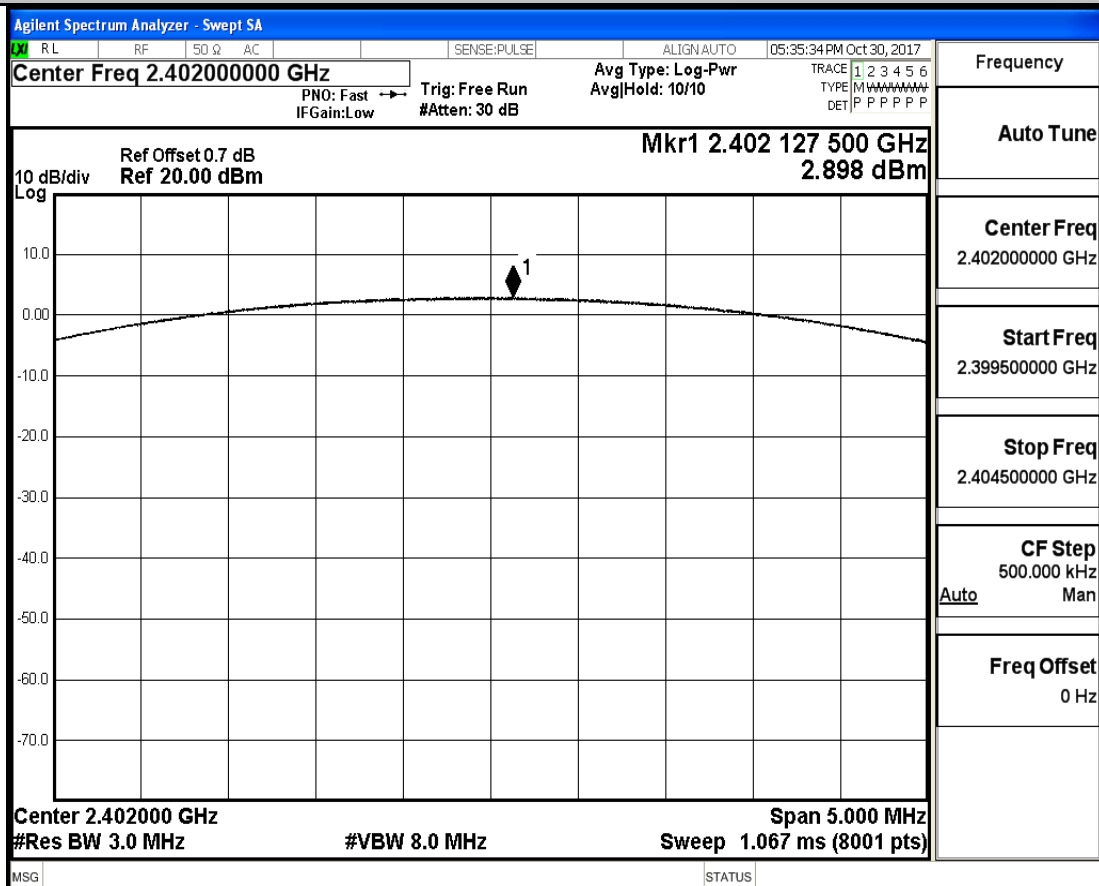




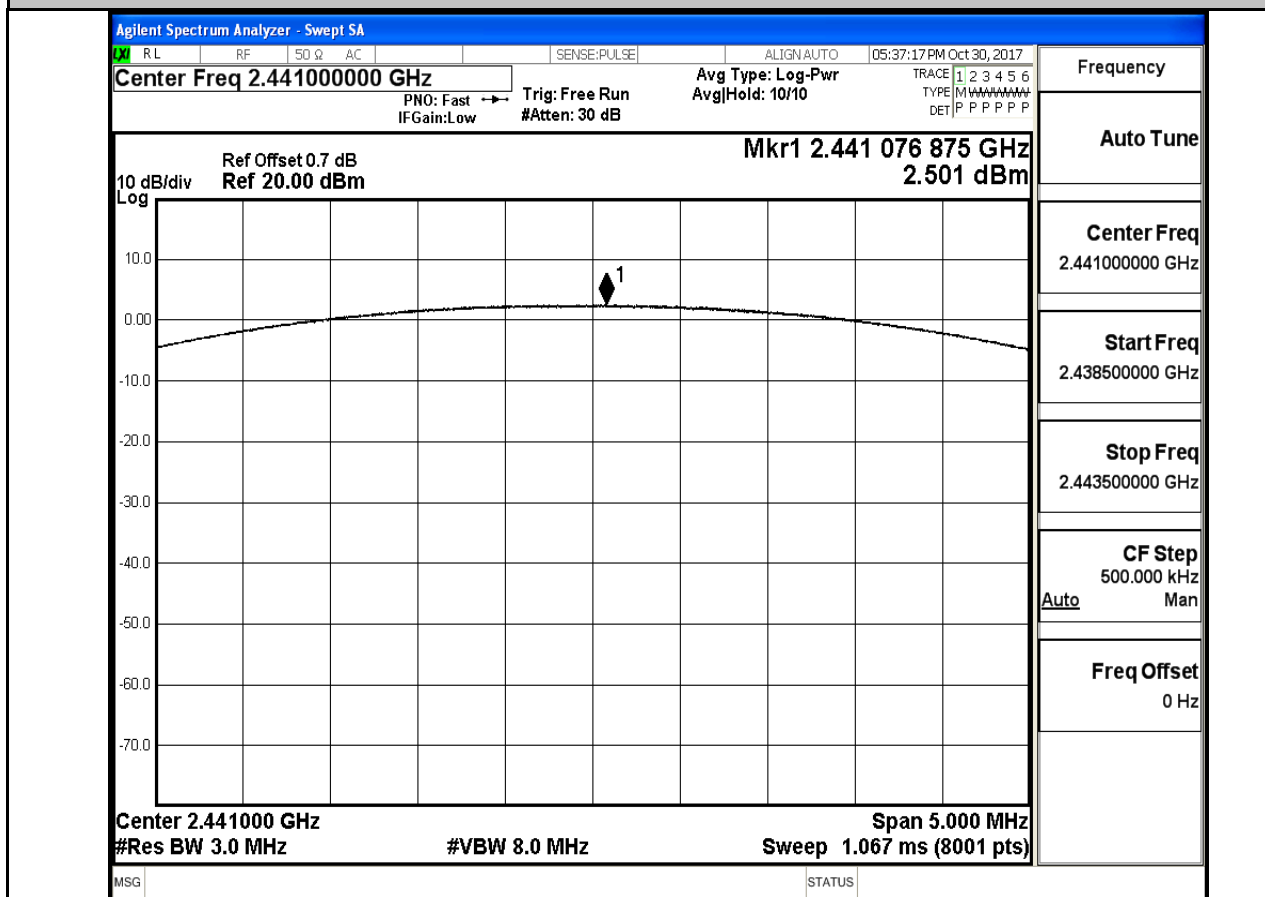
## Conducted Peak Output Power\_DH5\_2480



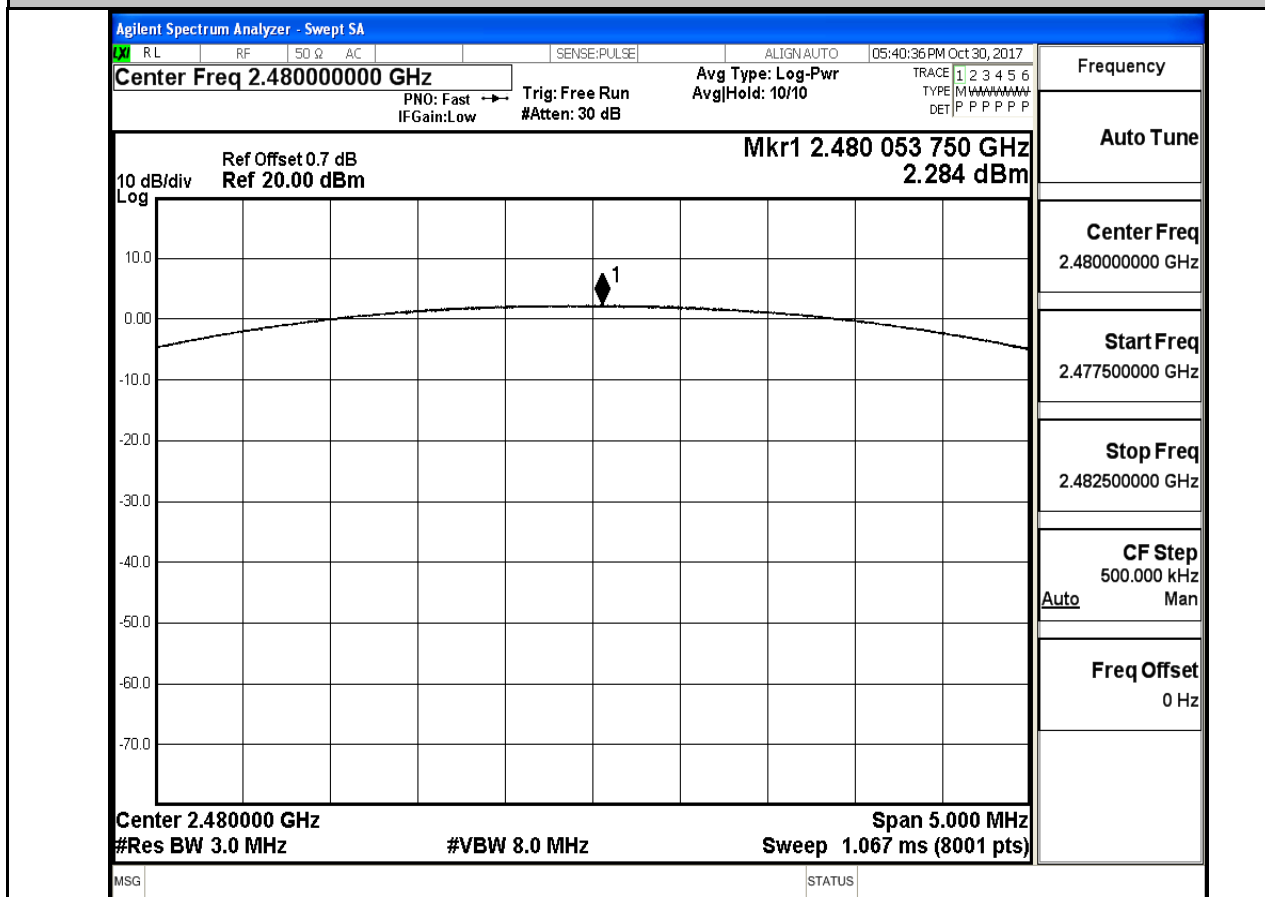
## Conducted Peak Output Power\_2DH5\_2402



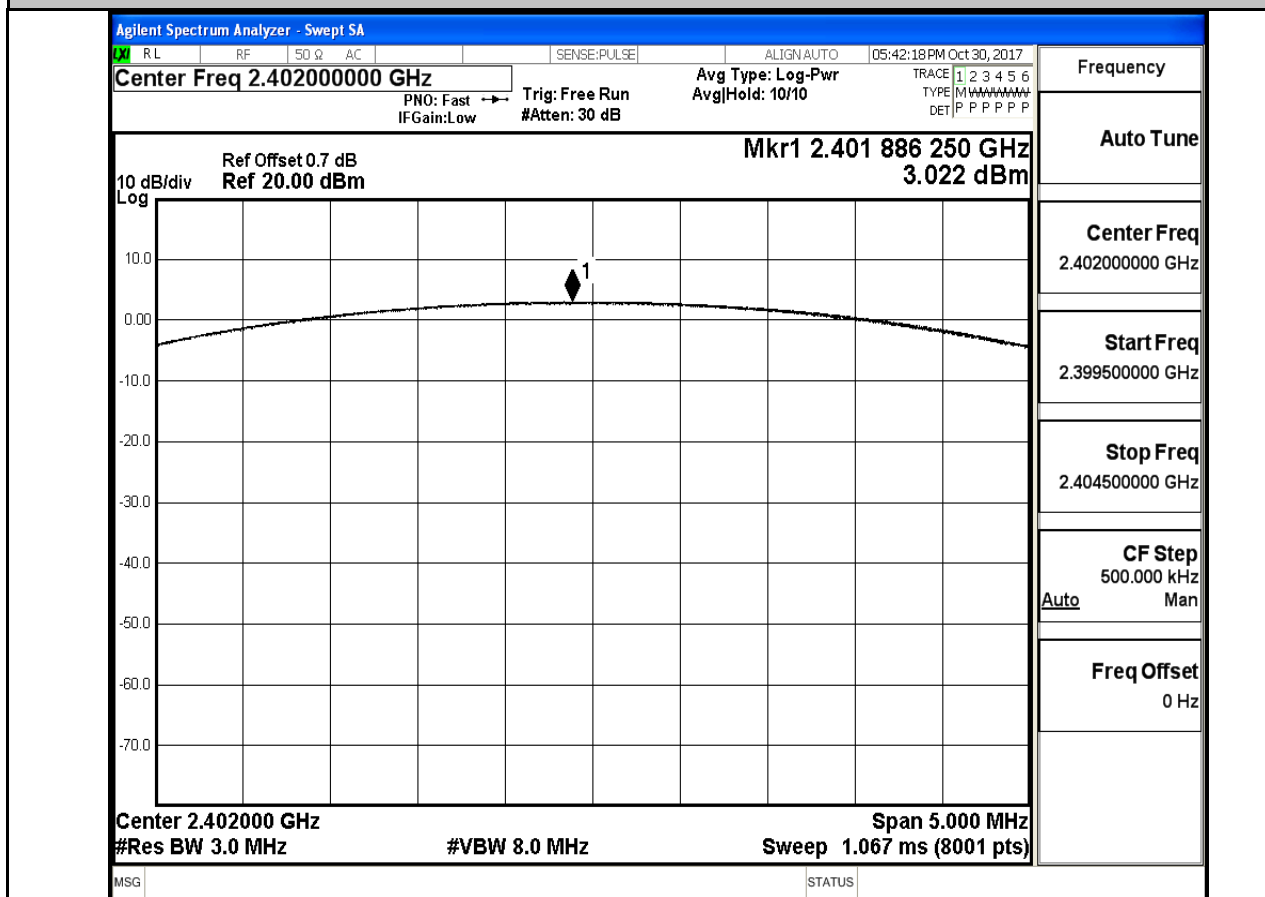
## Conducted Peak Output Power\_2DH5\_2441



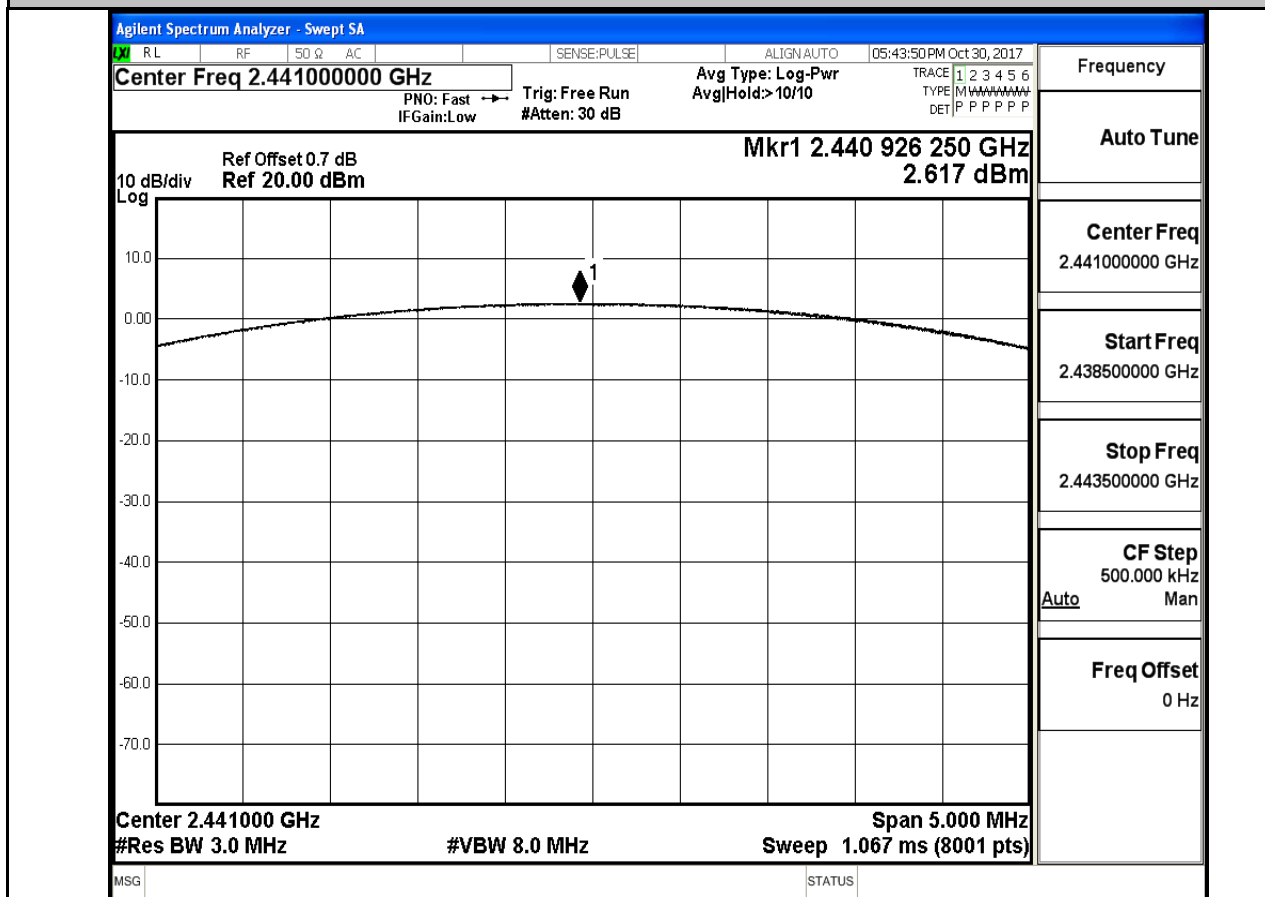
## Conducted Peak Output Power\_2DH5\_2480



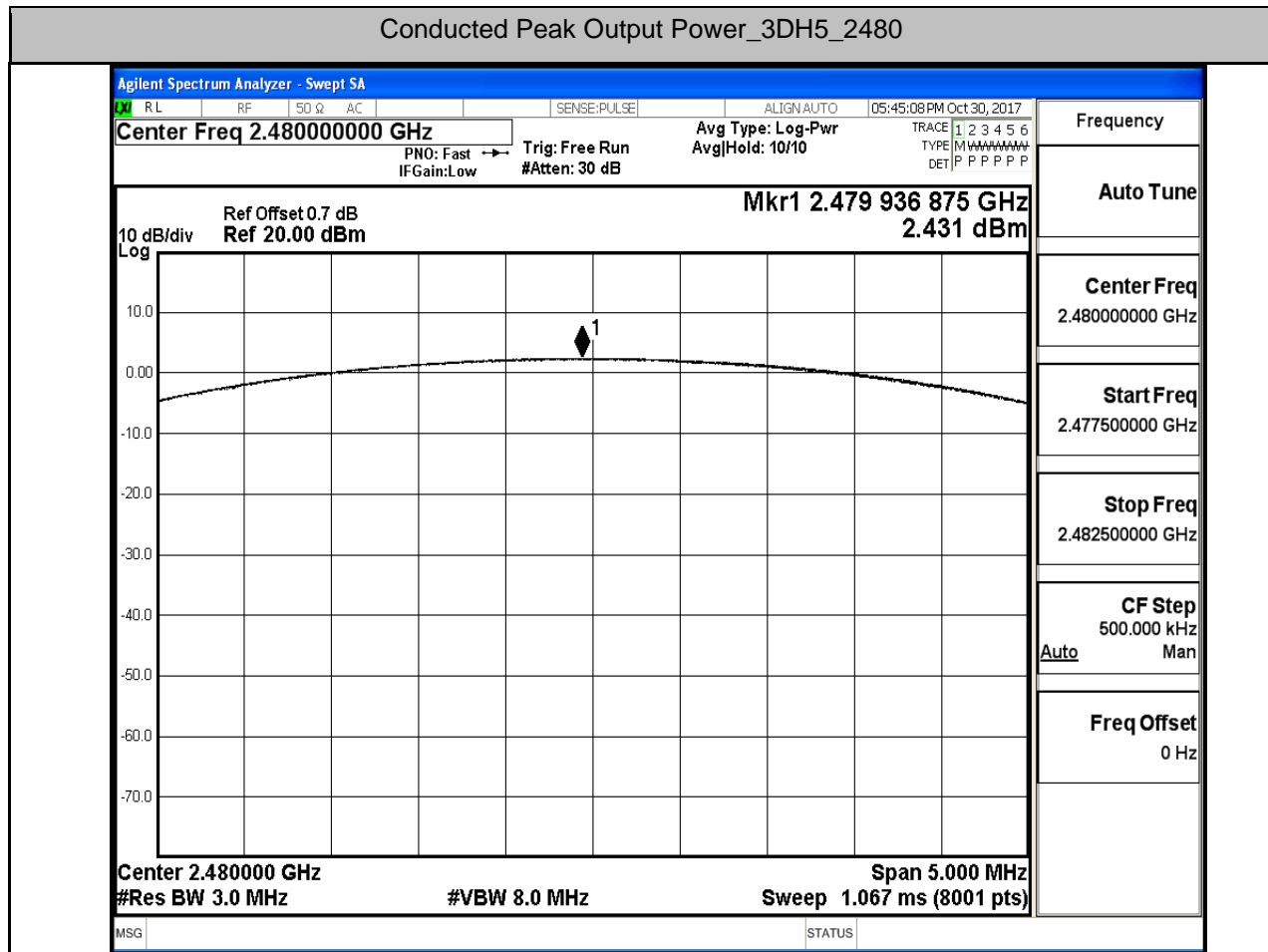
## Conducted Peak Output Power\_3DH5\_2402



## Conducted Peak Output Power\_3DH5\_2441



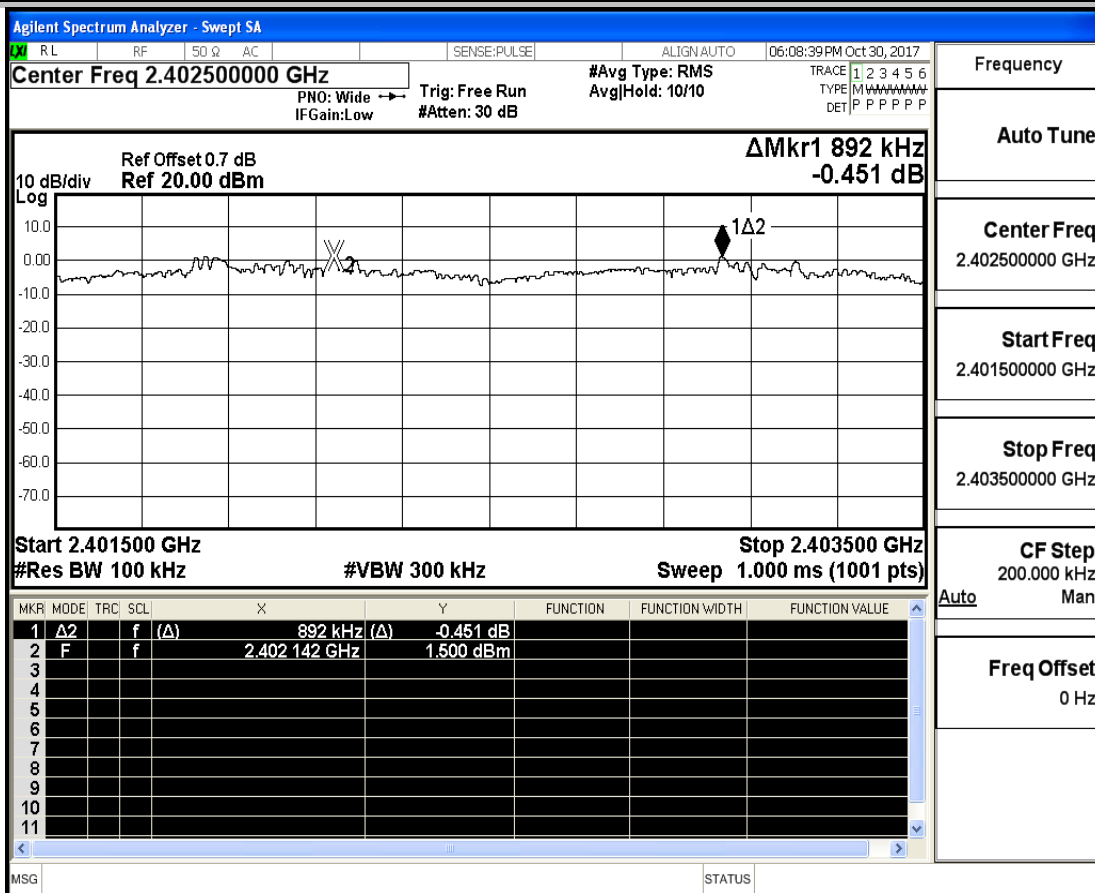
## Conducted Peak Output Power\_3DH5\_2480



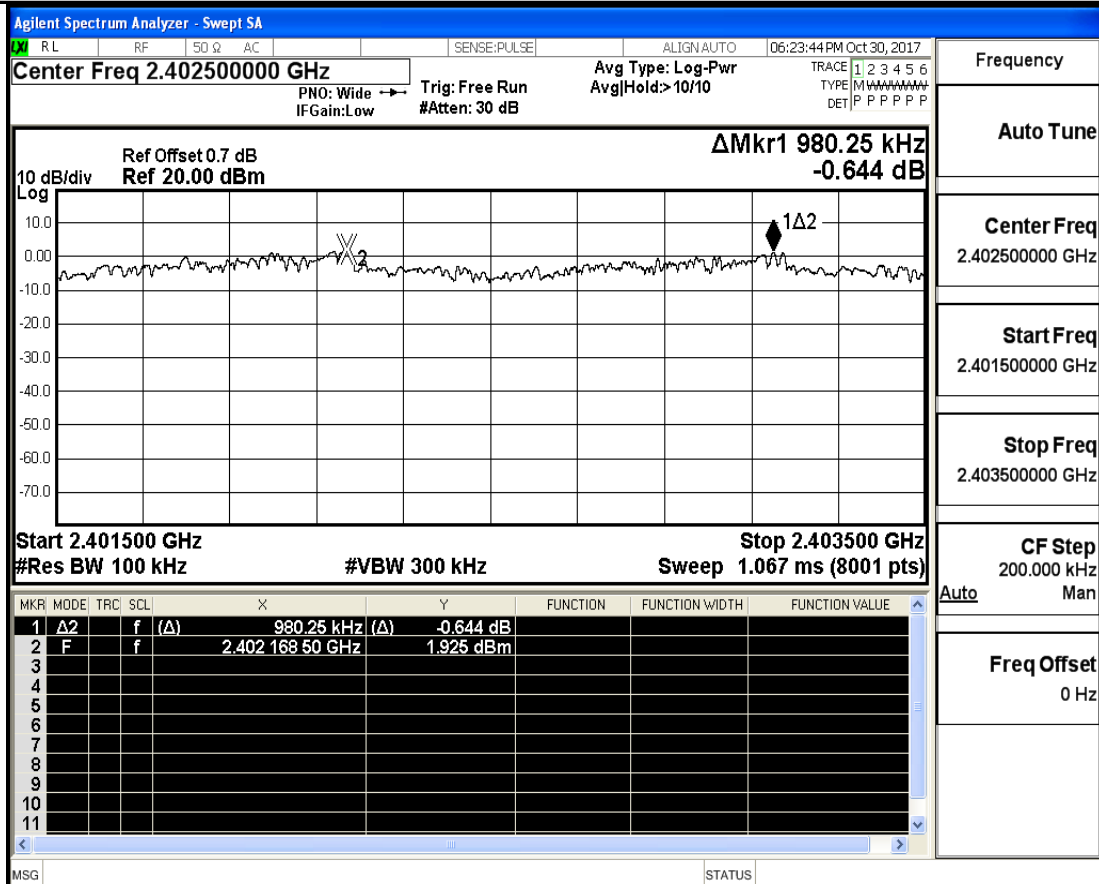
**4.Carrier Frequency Separation**

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	2402	0.892	0.689	PASS
DH5	2441	0.980	0.692	PASS
DH5	2480	1.296	0.688	PASS
2DH5	2402	0.892	0.859	PASS
2DH5	2441	0.990	0.860	PASS
2DH5	2480	1.010	0.861	PASS
3DH5	2402	0.992	0.861	PASS
3DH5	2441	1.002	0.865	PASS
3DH5	2480	0.874	0.863	PASS

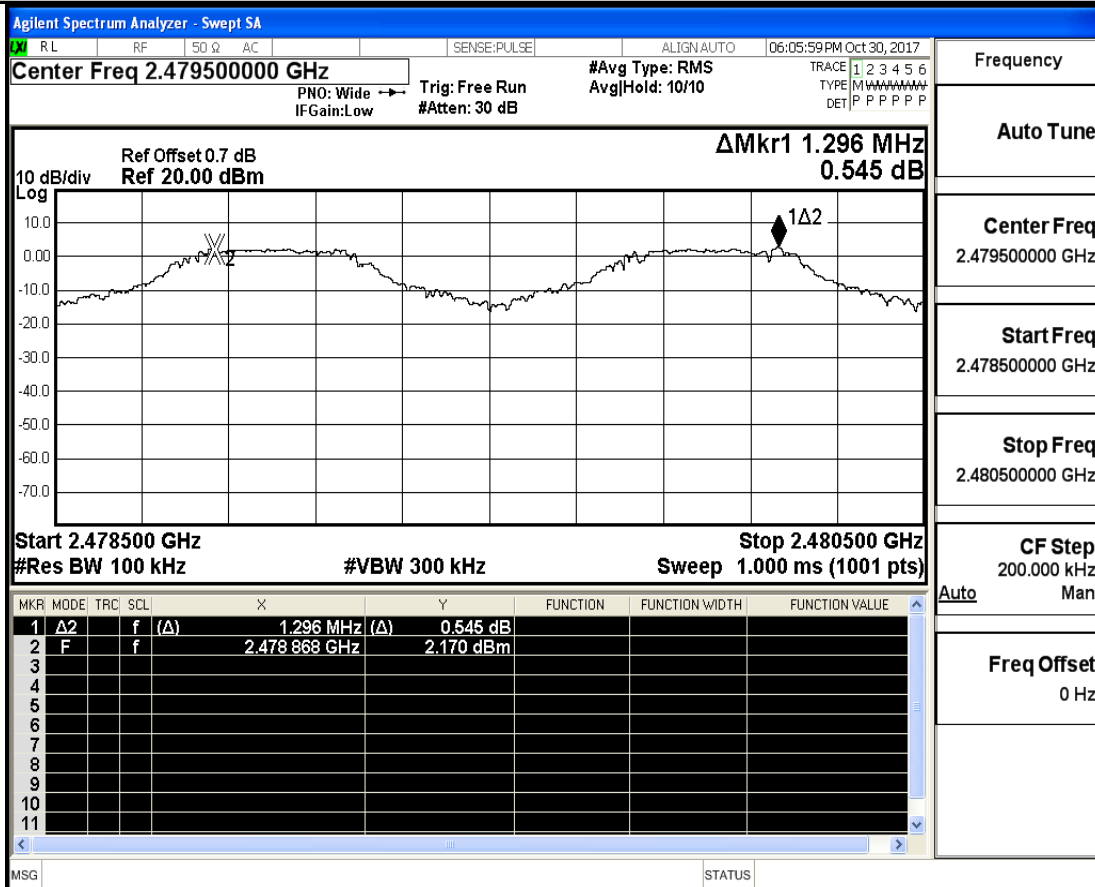
## Carrier Frequency Separation\_DH5\_2402



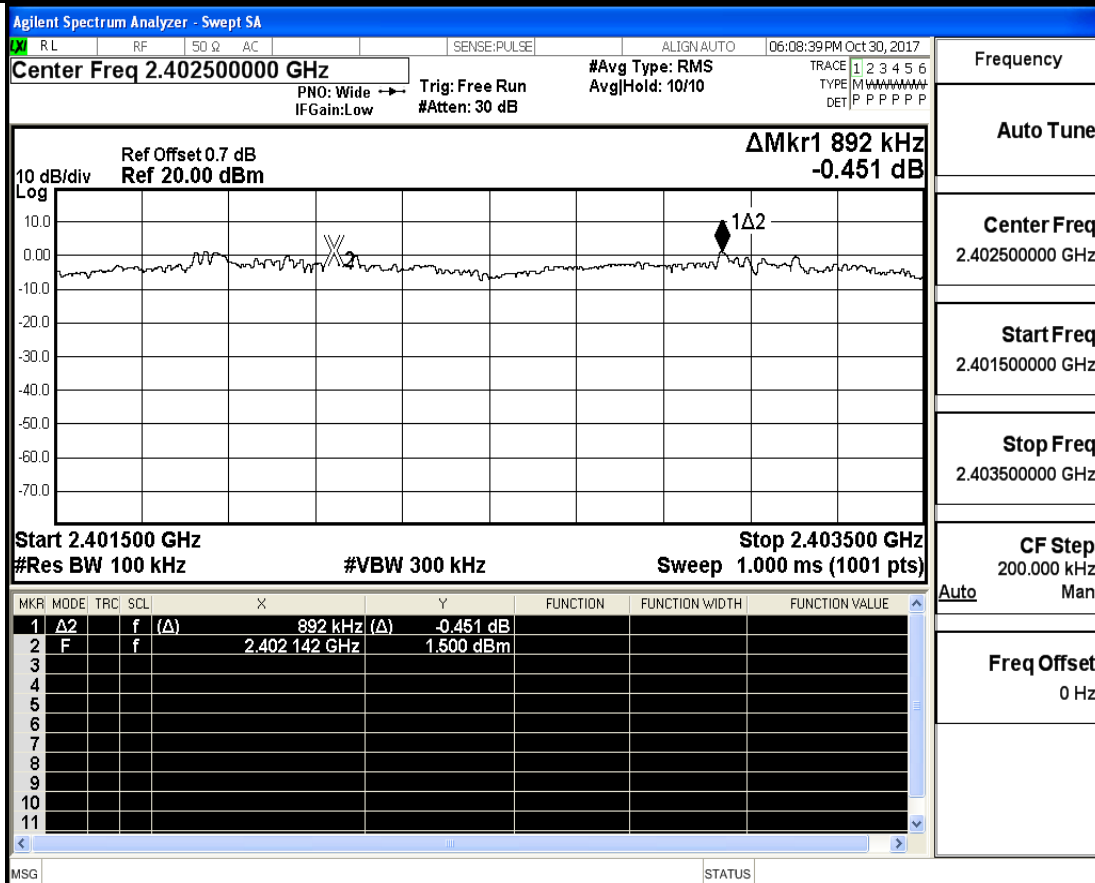
## Carrier Frequency Separation\_DH5\_2441



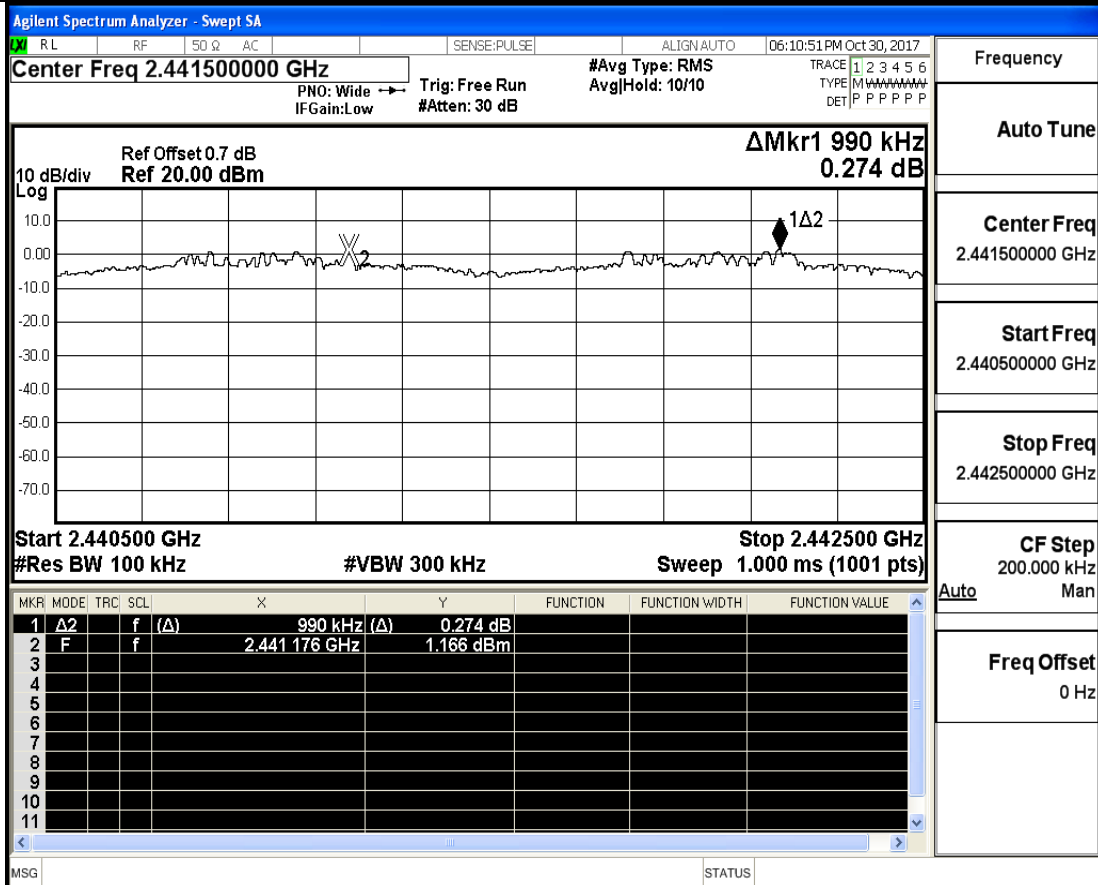
## Carrier Frequency Separation\_DH5\_2480



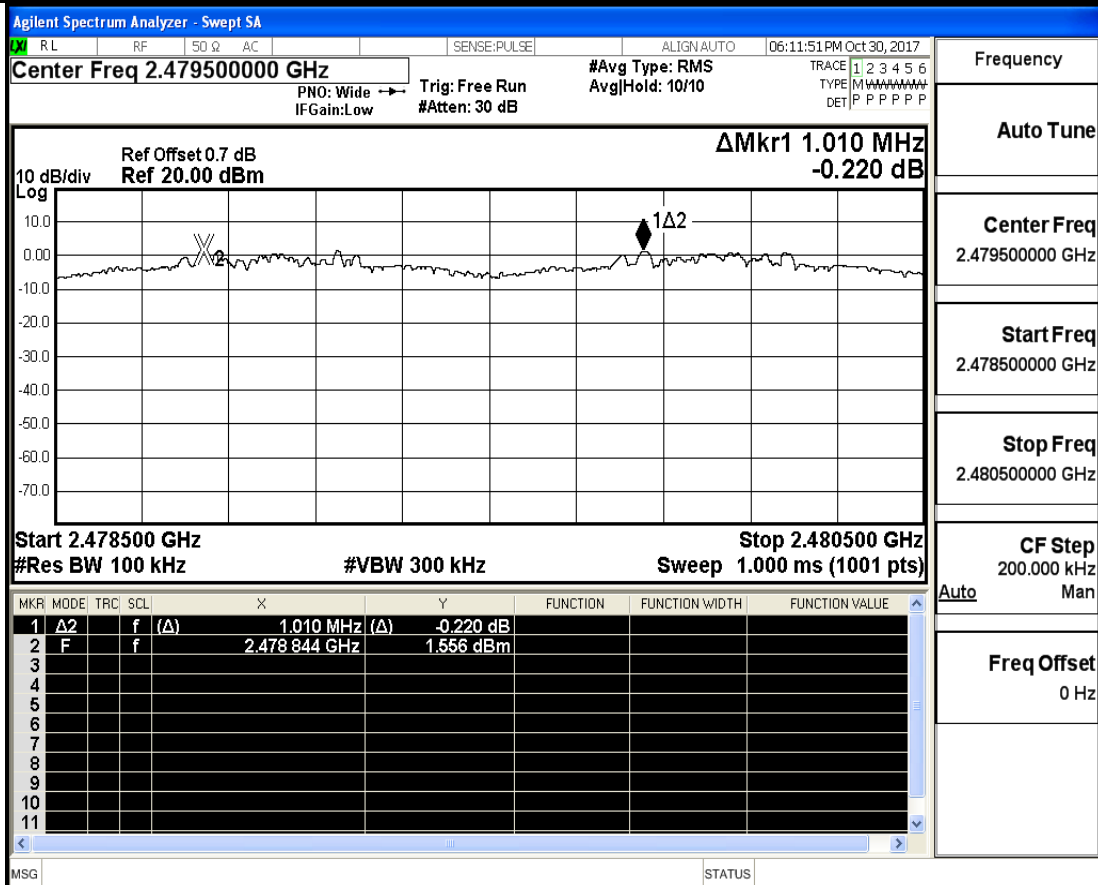
## Carrier Frequency Separation\_2DH5\_2402



## Carrier Frequency Separation\_2DH5\_2441



## Carrier Frequency Separation\_2DH5\_2480







## Carrier Frequency Separation\_3DH5\_2480

Agilent Spectrum Analyzer - Swept SA

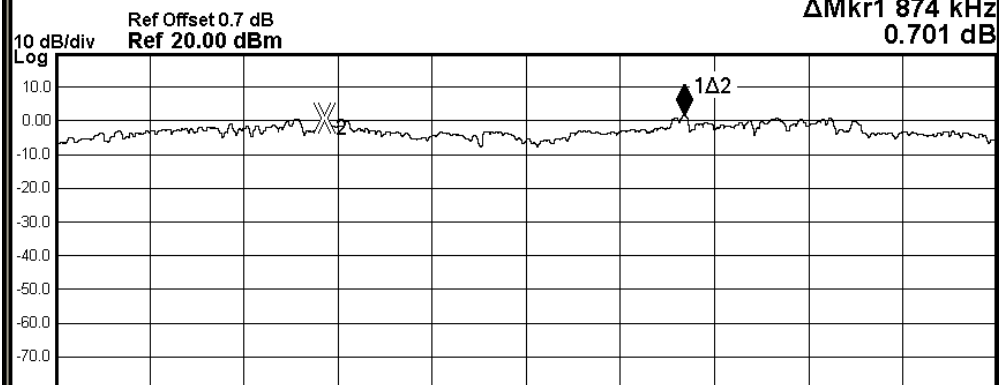
Center Freq 2.479500000 GHz  
PNO: Wide → Trg: Free Run #Avg Type: RMS  
IFGain: Low #Atten: 30 dB AvgHold: 10/10

06:19:26 PM Oct 30, 2017

TRACE 1 2 3 4 5 6  
TYPE M W W W W W W  
DET P P P P P P

Frequency

Auto Tune

Center Freq  
2.479500000 GHzStart Freq  
2.478500000 GHzStop Freq  
2.480500000 GHzCF Step  
200.000 kHz  
Auto ManFreq Offset  
0 Hz

MR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	Δ2		f	(Δ)	874 kHz (Δ)	0.701 dB		
2	F		f	2.479 072 GHz	0.732 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								

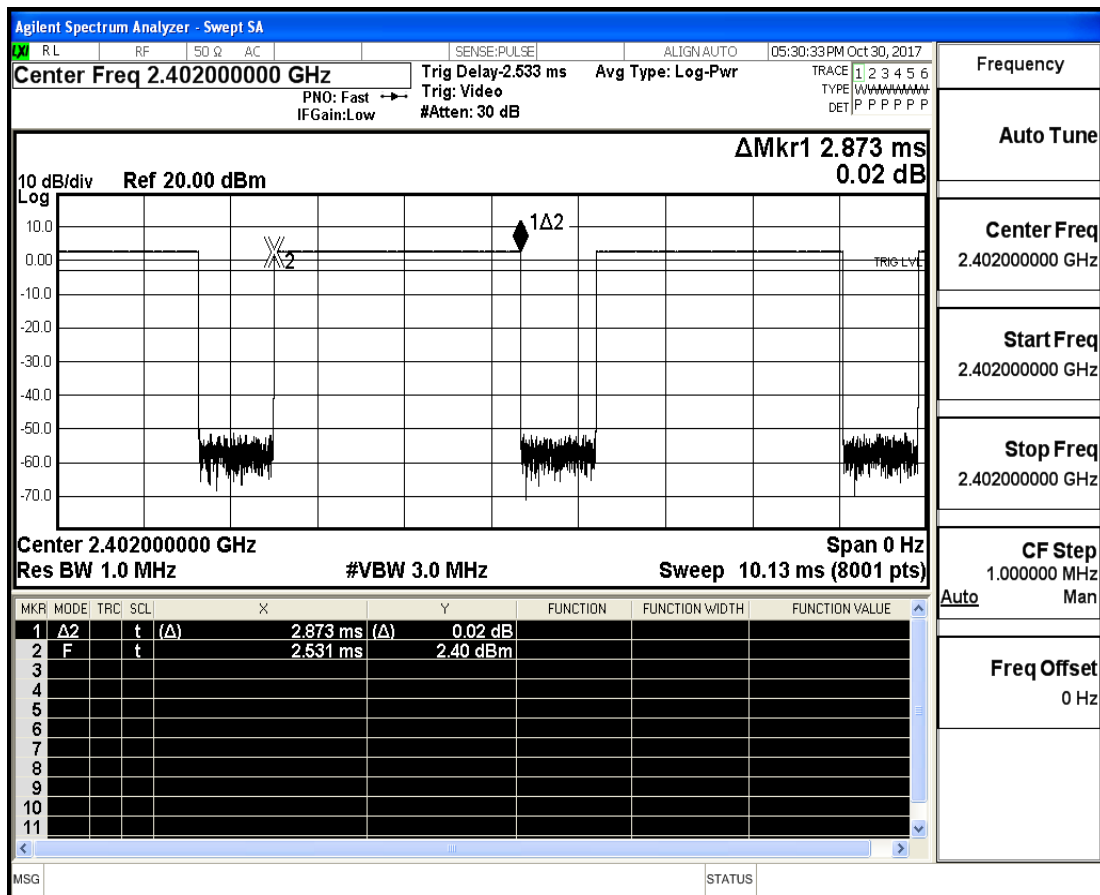
MSG

STATUS

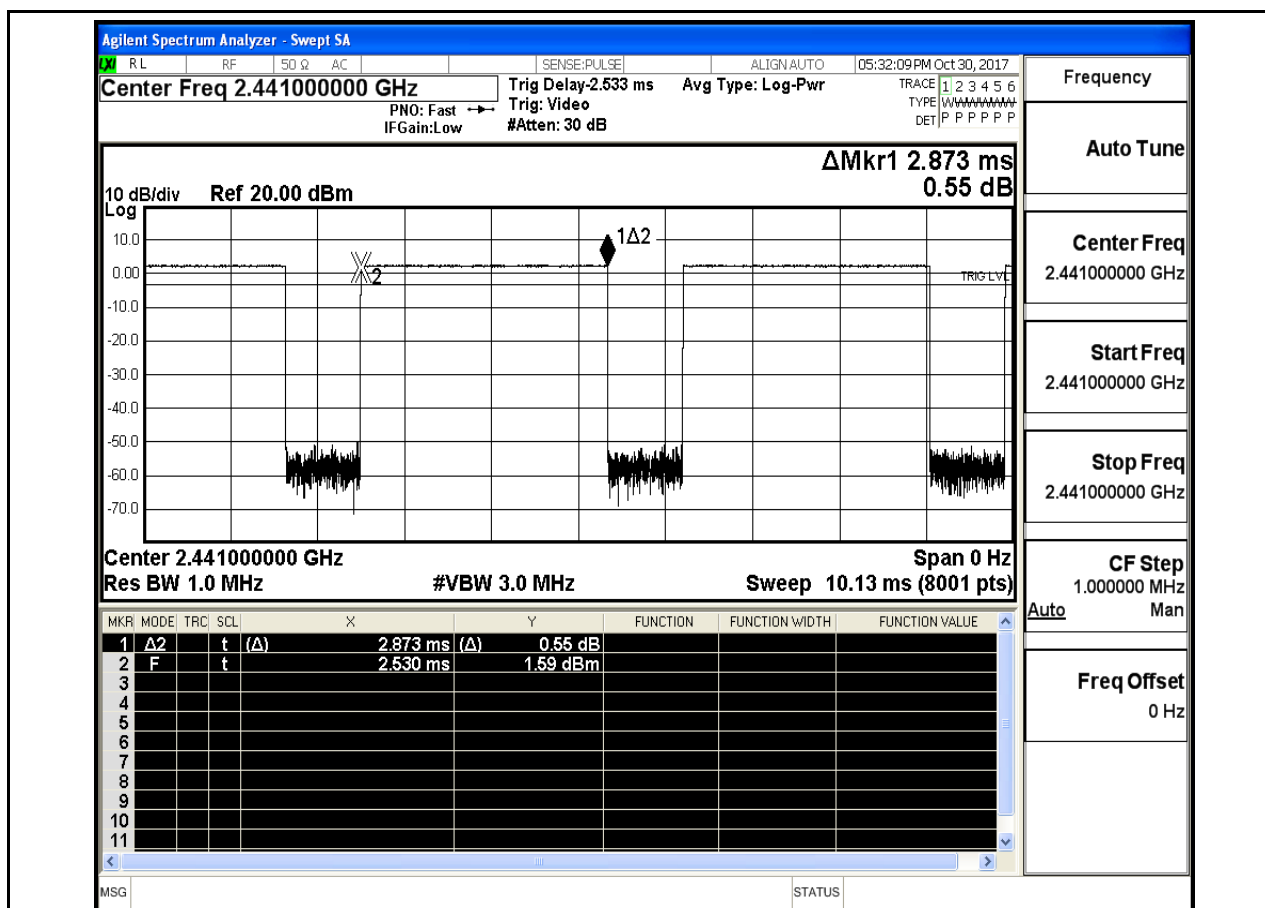
**5.Dwell Time**

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

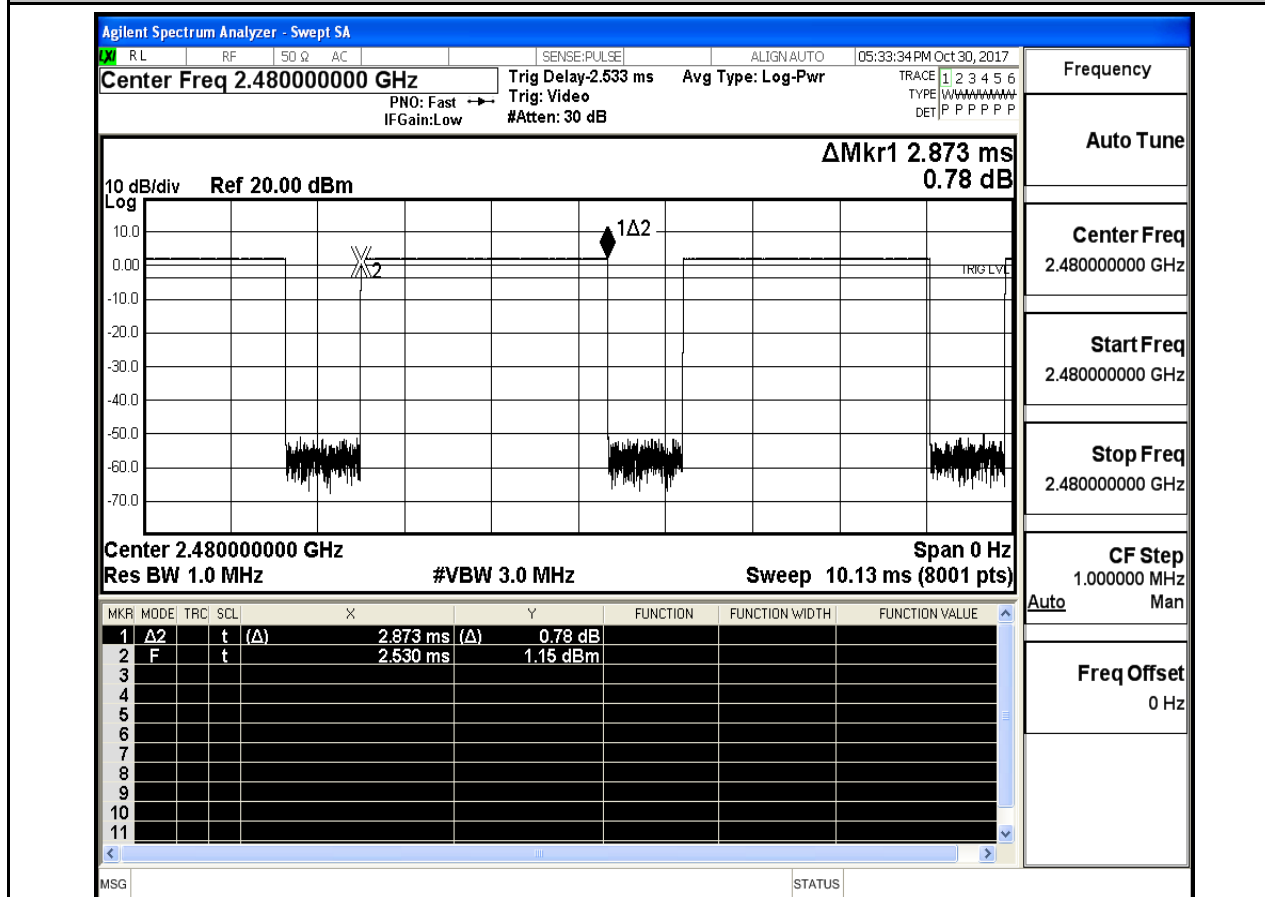
Dwell Time\_DH5\_2402



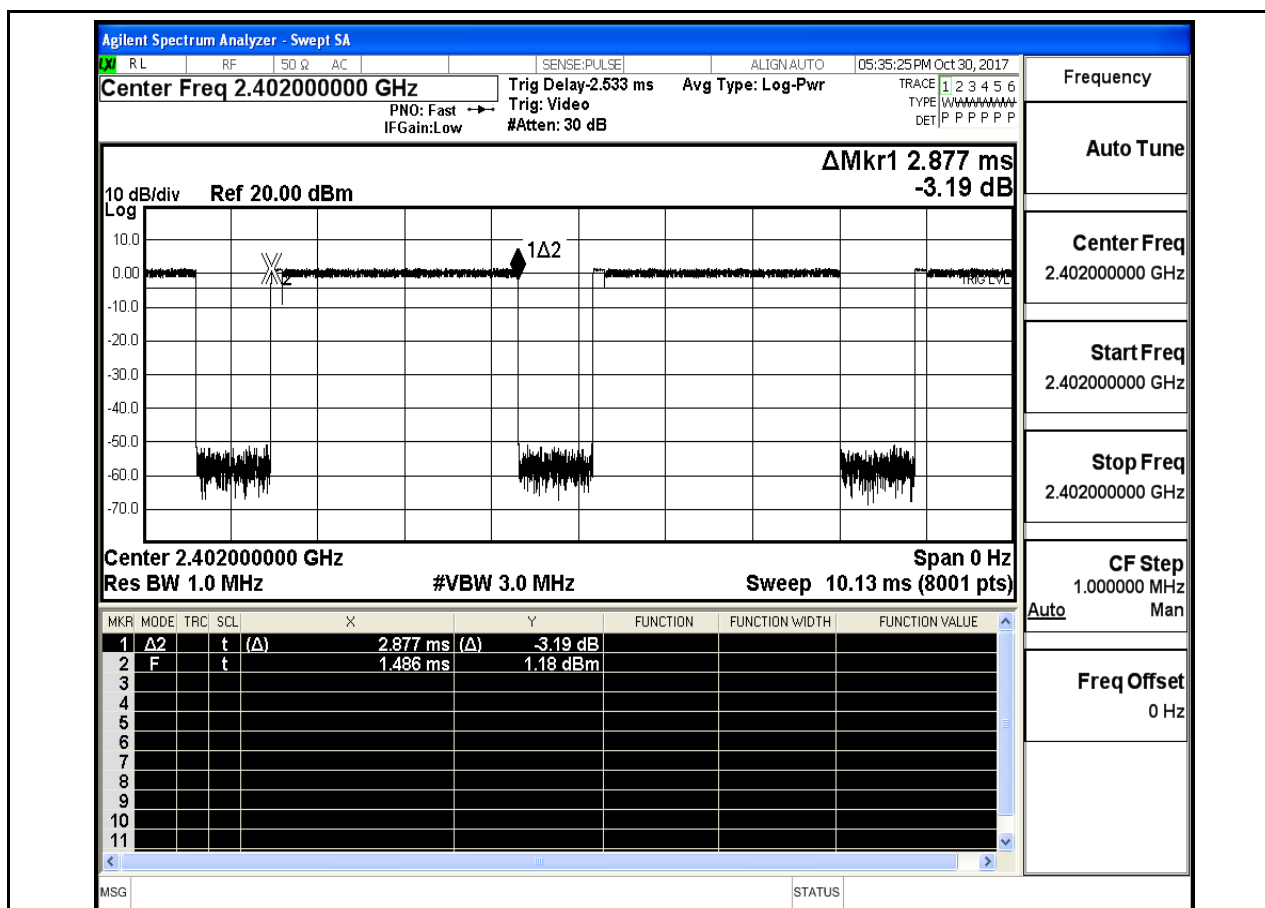
Dwell Time\_DH5\_2441



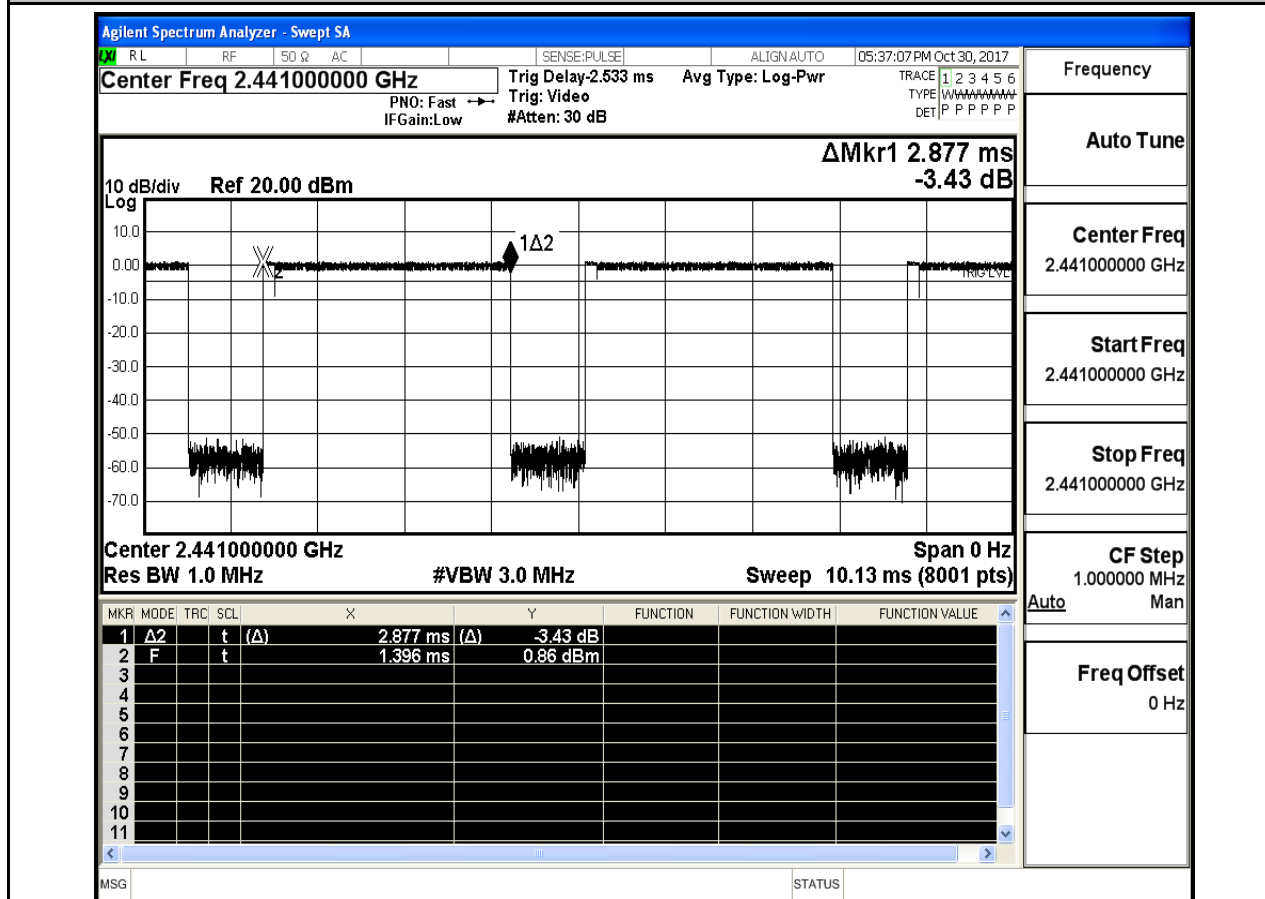
Dwell Time\_DH5\_2480



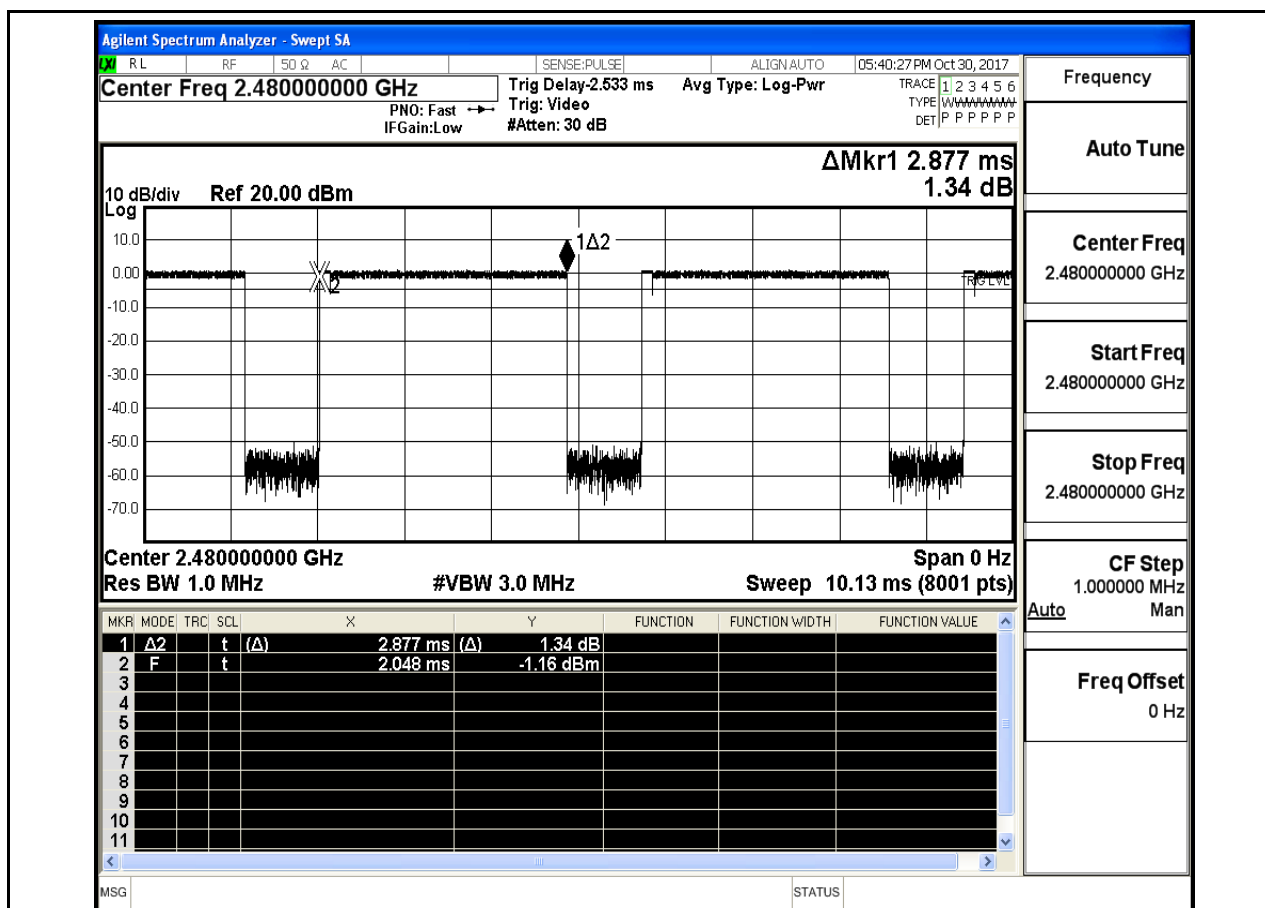
Dwell Time\_2DH5\_2402



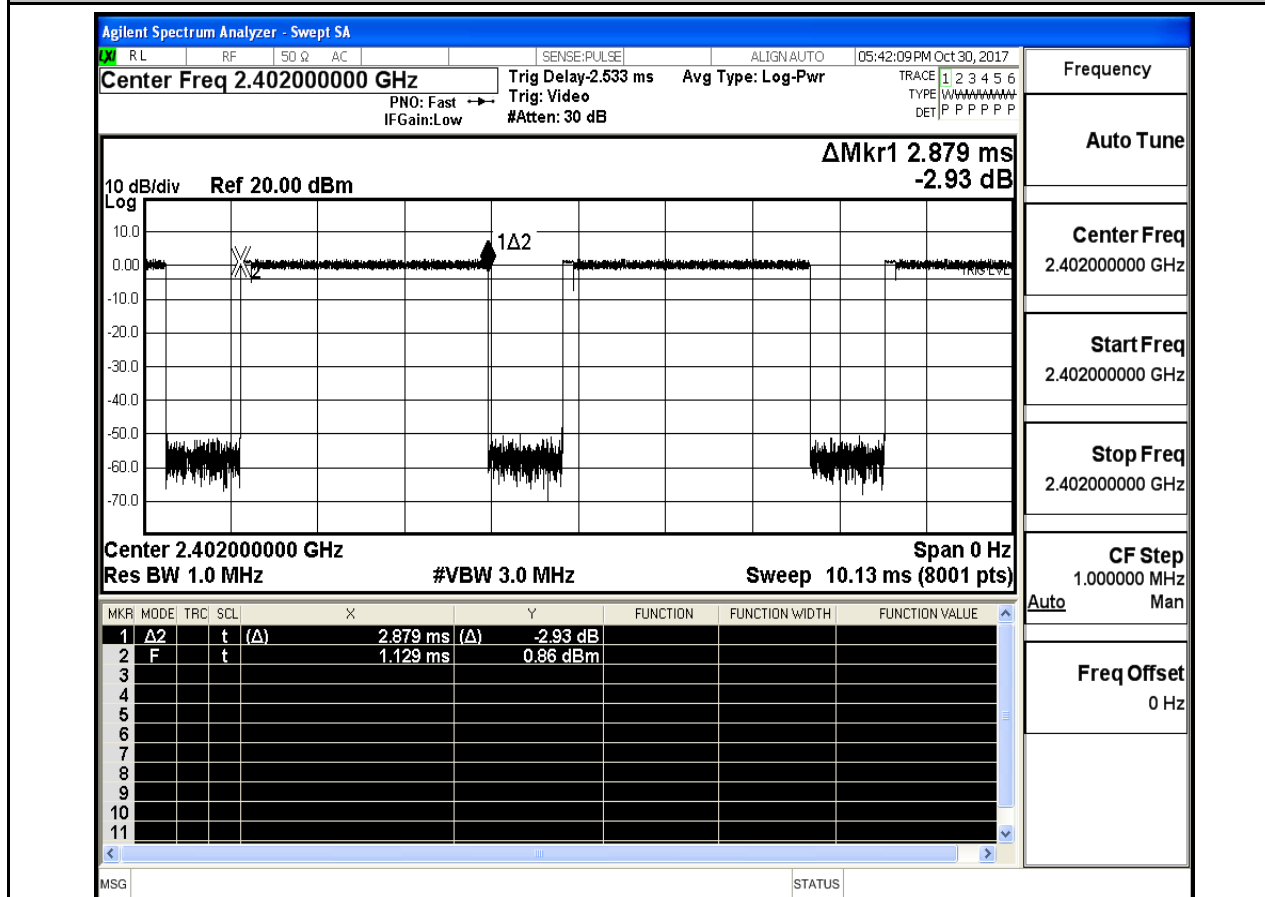
Dwell Time\_2DH5\_2441



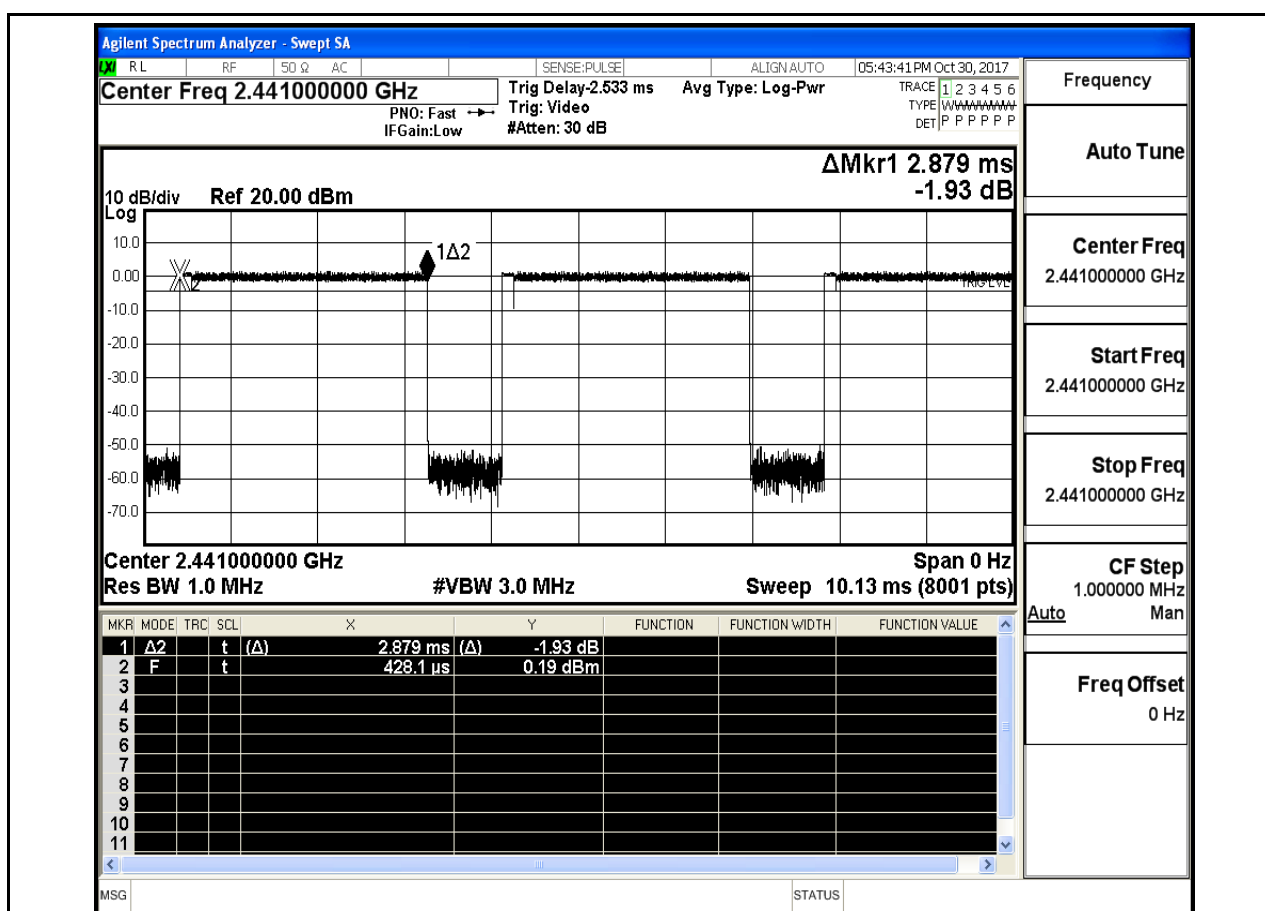
Dwell Time\_2DH5\_2480



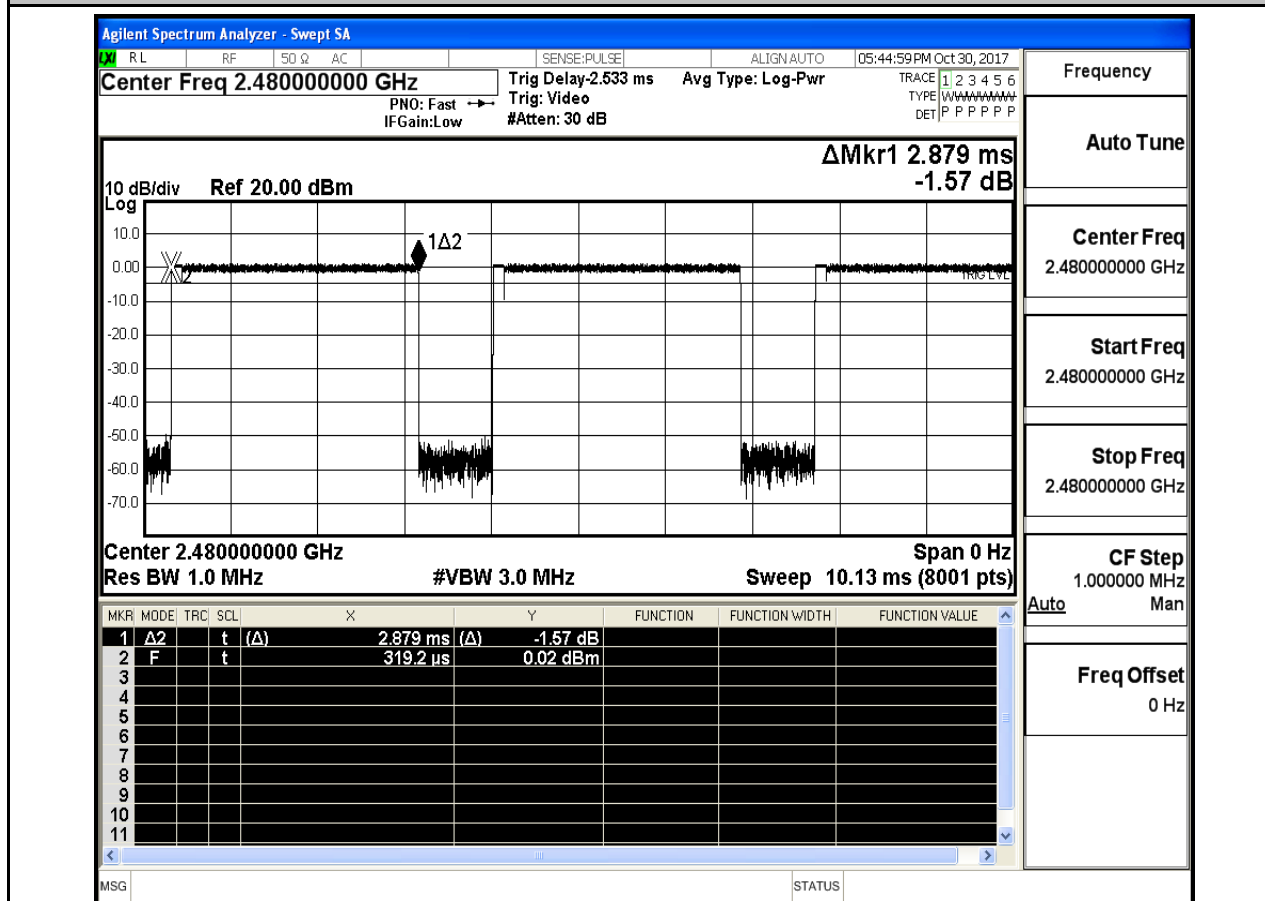
Dwell Time\_3DH5\_2402



Dwell Time\_3DH5\_2441



Dwell Time\_3DH5\_2480

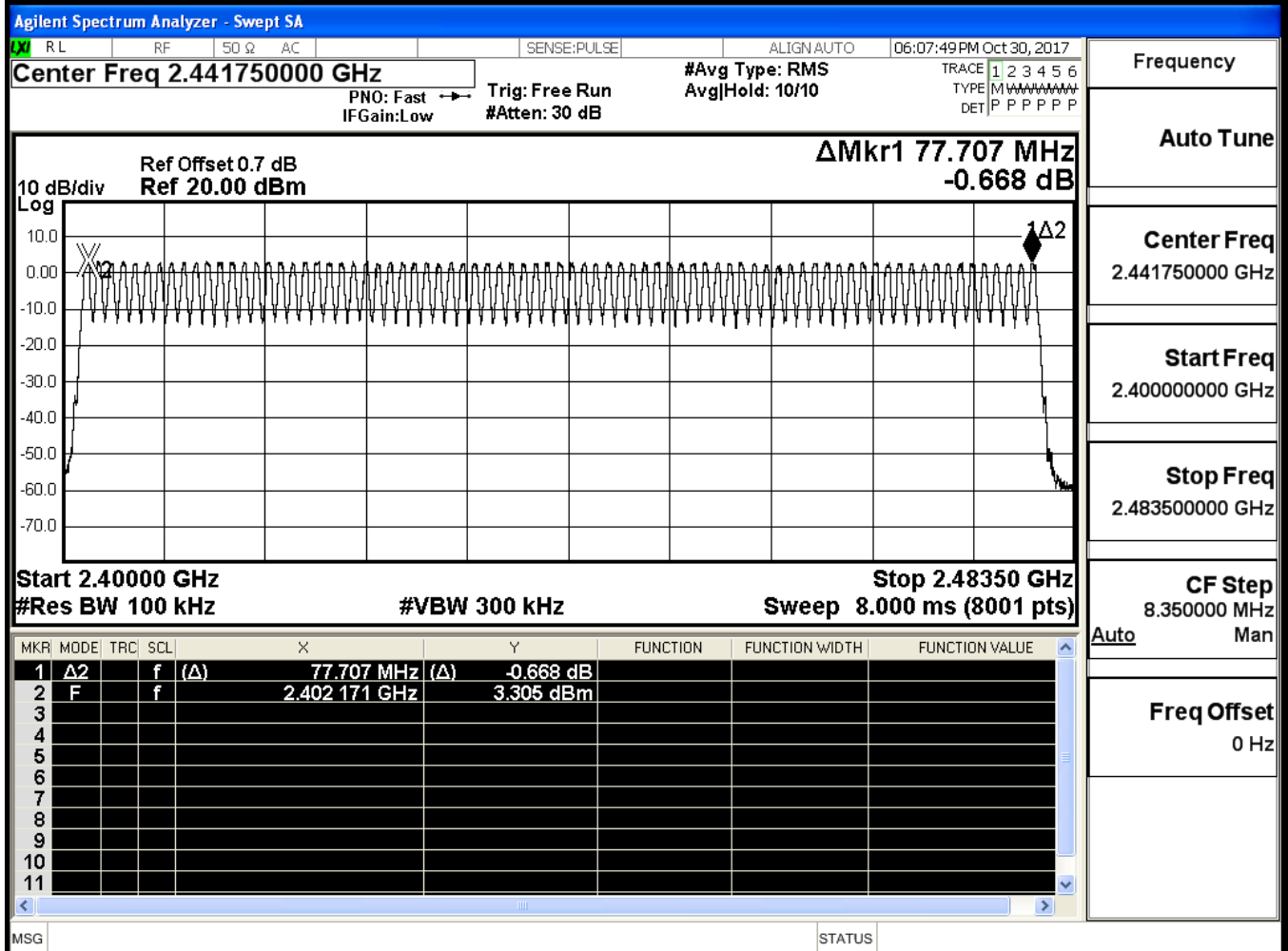




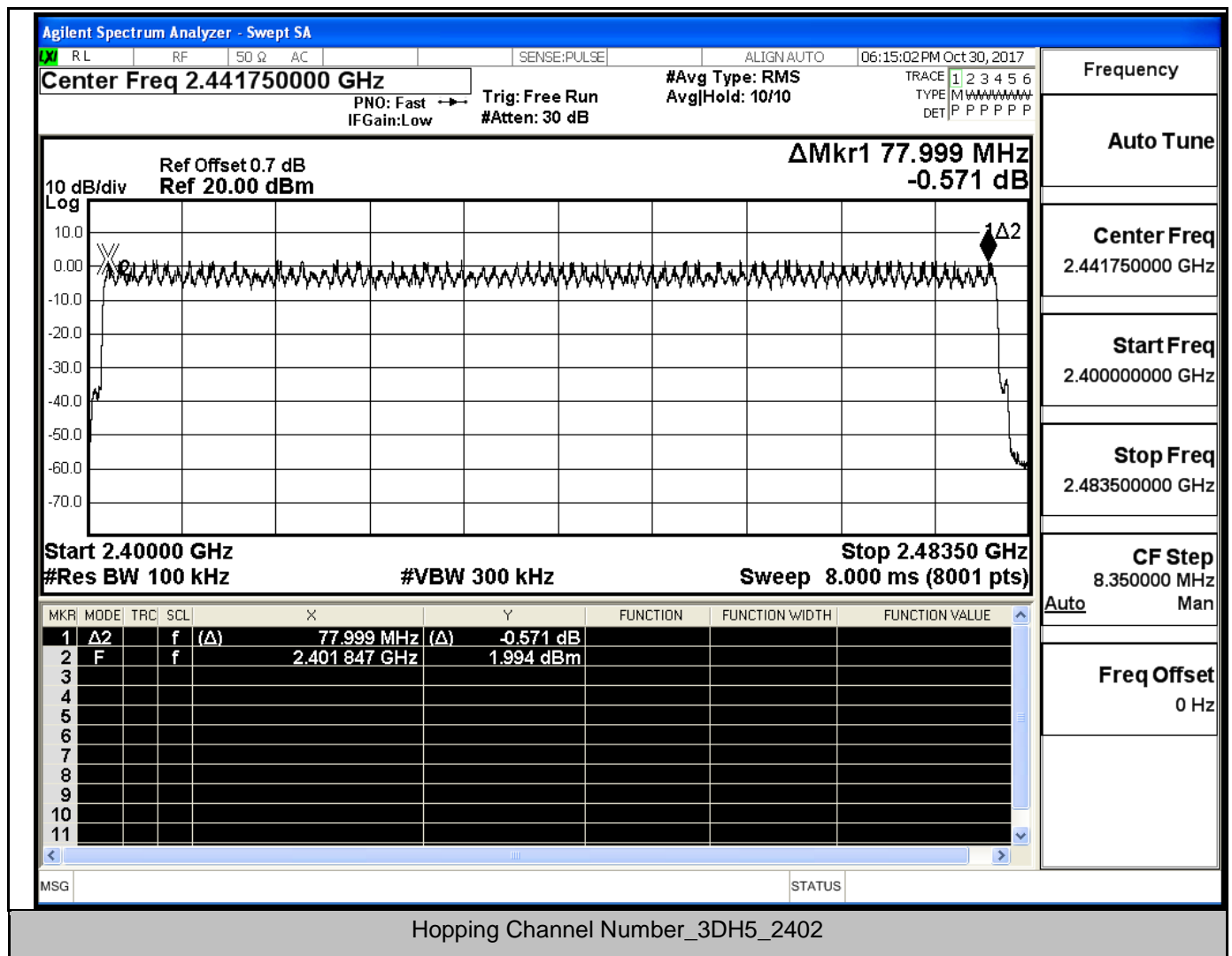
**6.Hopping Channel Number**

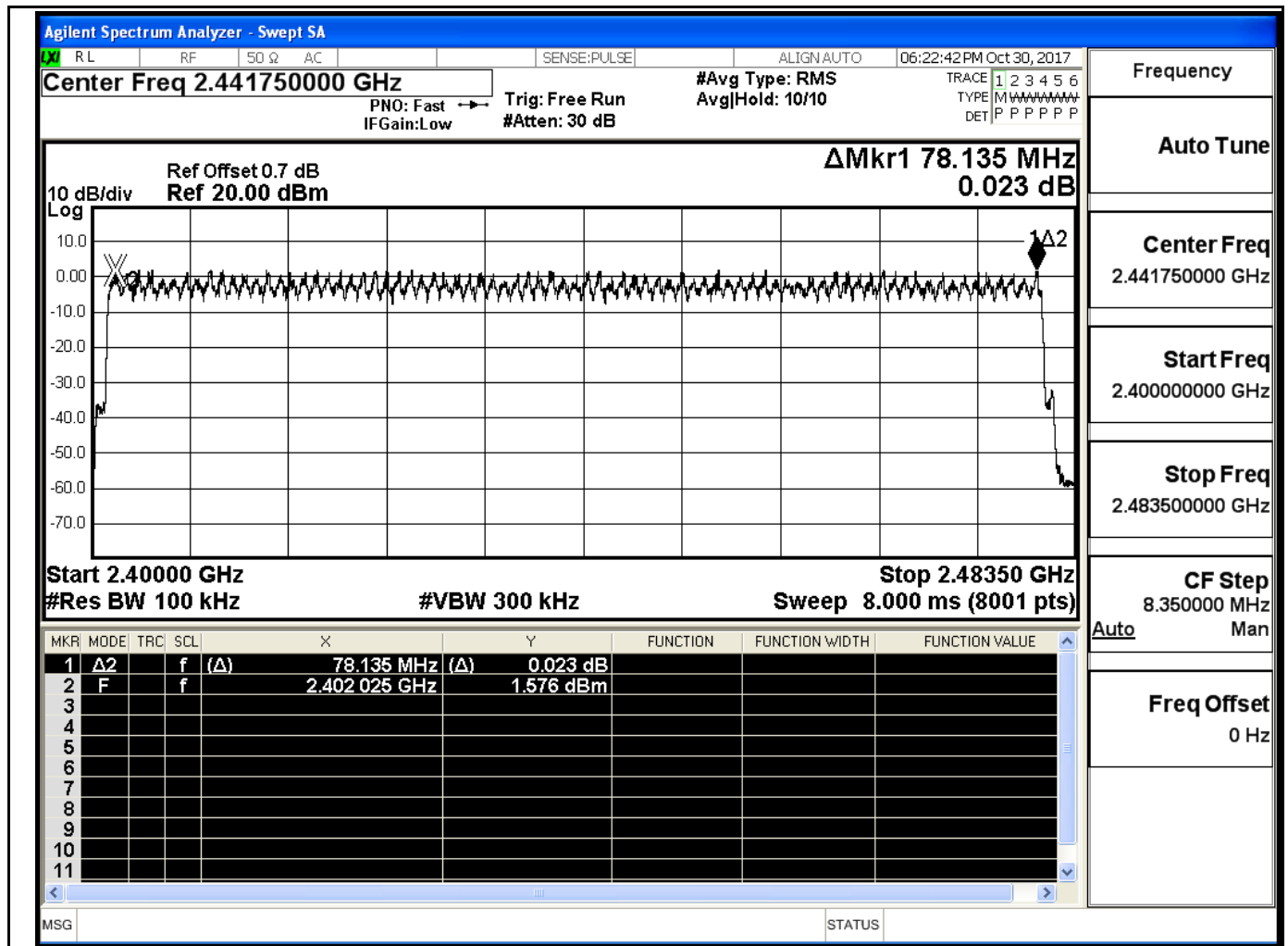
Test Mode	Test Channel	Number of Hopping Channel[N]	Limit[N]	Verdict
DH5	2402	79	$\geq 15$	PASS
2DH5	2402	79	$\geq 15$	PASS
3DH5	2402	79	$\geq 15$	PASS

Hopping Channel Number\_DH5\_2402



Hopping Channel Number\_2DH5\_2402

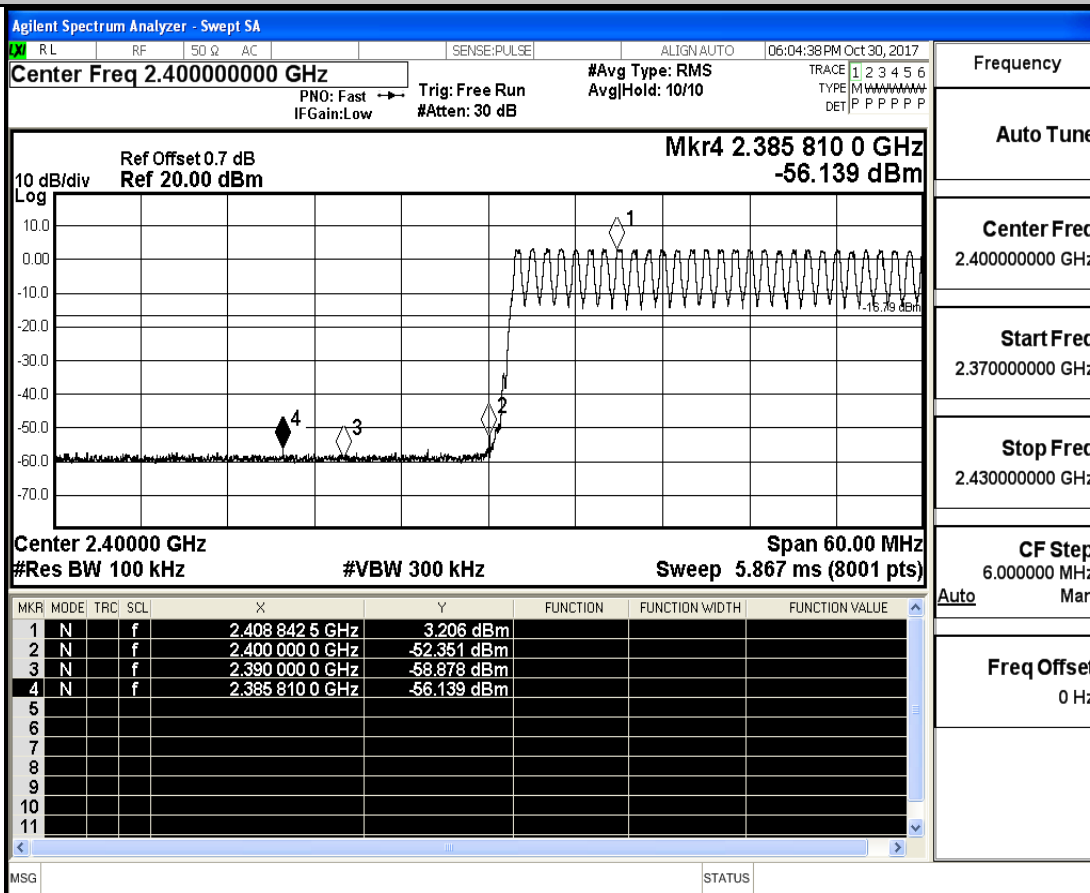




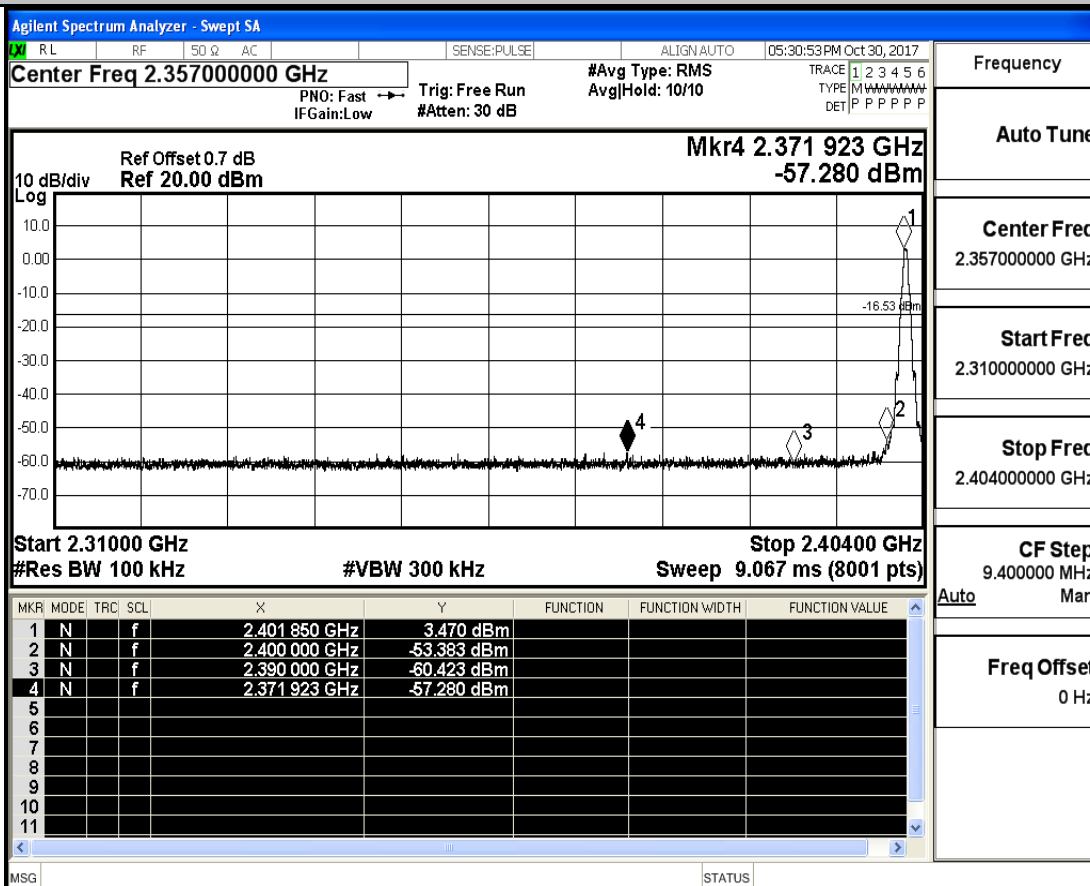
**7.Band-edge for RF Conducted Emissions**

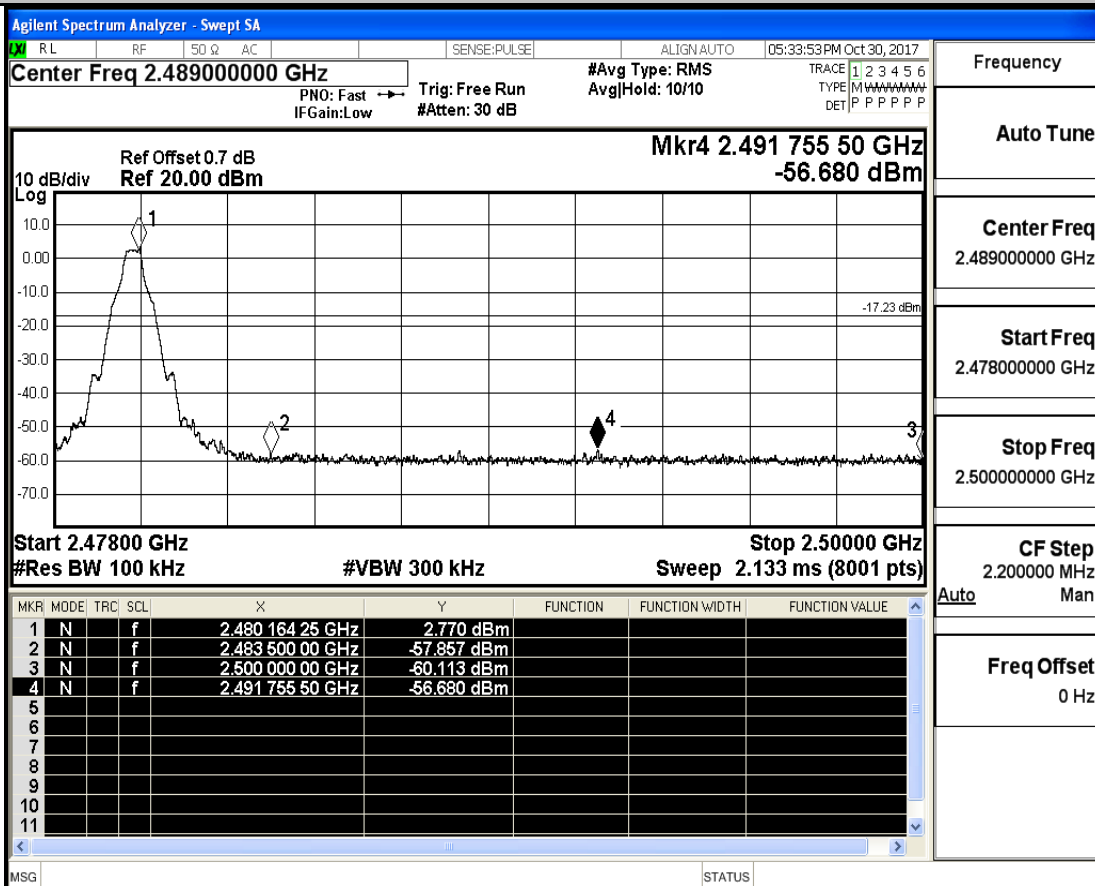
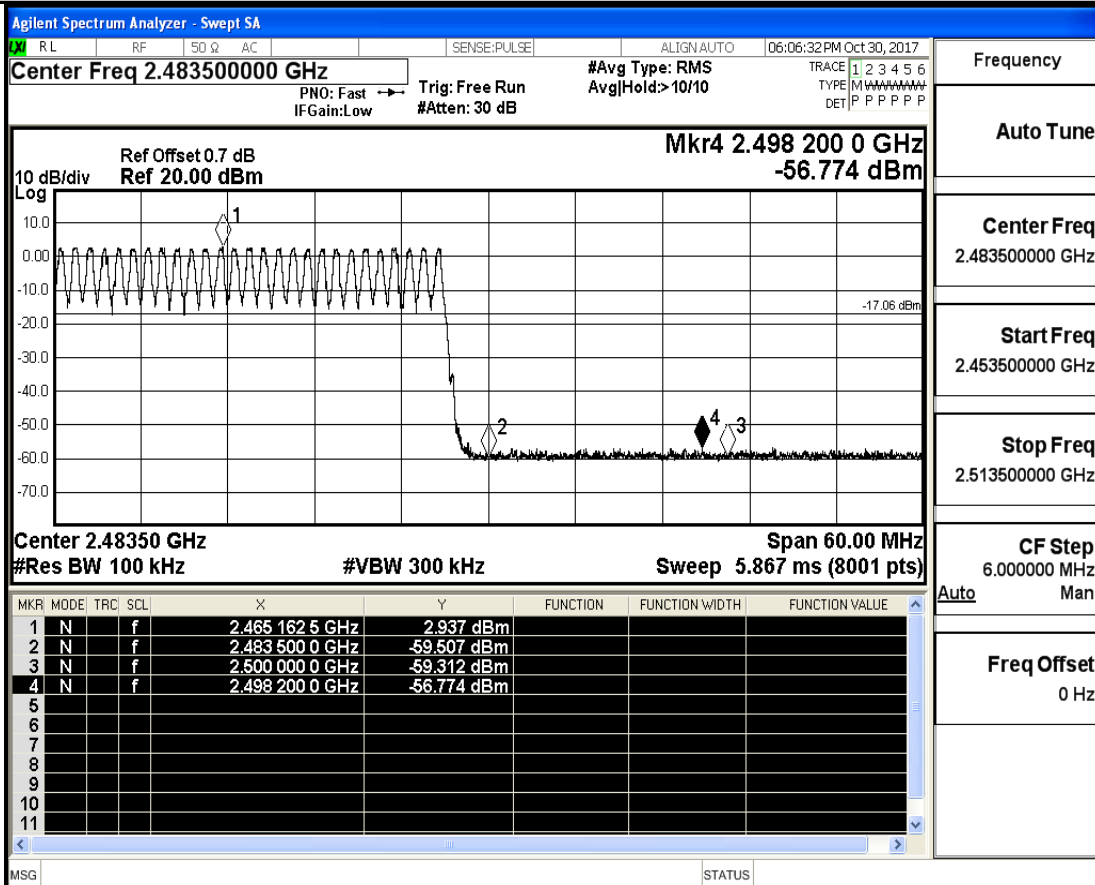
Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
DH5	2402	On	3.206	-56.139	-16.79	PASS
DH5	2402	Off	3.470	-57.280	-16.53	PASS
DH5	2480	On	2.937	-56.774	-17.06	PASS
DH5	2480	Off	2.770	-56.680	-17.23	PASS
2DH5	2402	On	1.729	-56.304	-18.27	PASS
2DH5	2402	Off	1.858	-57.794	-18.14	PASS
2DH5	2480	On	1.570	-56.417	-18.43	PASS
2DH5	2480	Off	1.320	-57.282	-18.68	PASS
3DH5	2402	On	1.897	-57.148	-18.1	PASS
3DH5	2402	Off	2.022	-57.345	-17.98	PASS
3DH5	2480	On	1.674	-56.719	-18.33	PASS
3DH5	2480	Off	0.976	-56.977	-19.02	PASS

## Band-edge for RF Conducted Emissions\_DH5\_2402\_Hopping On

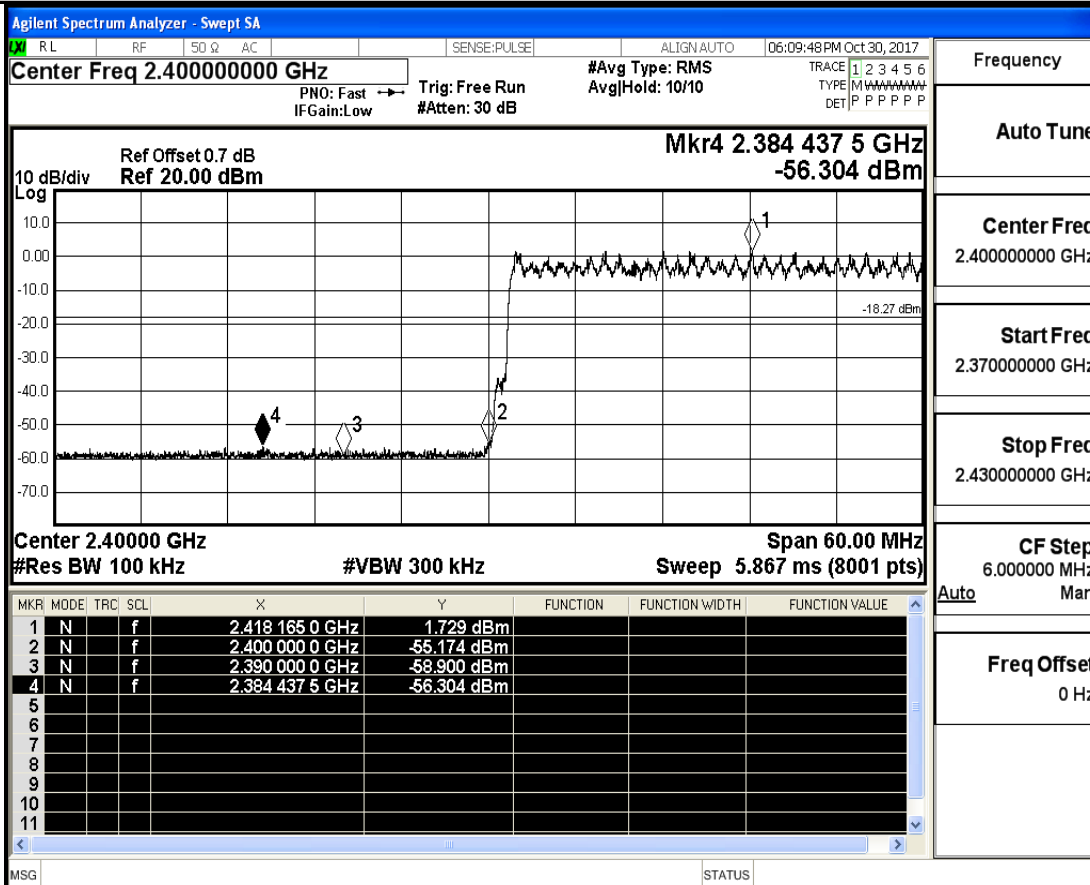


## Band-edge for RF Conducted Emissions\_DH5\_2402\_Hopping Off

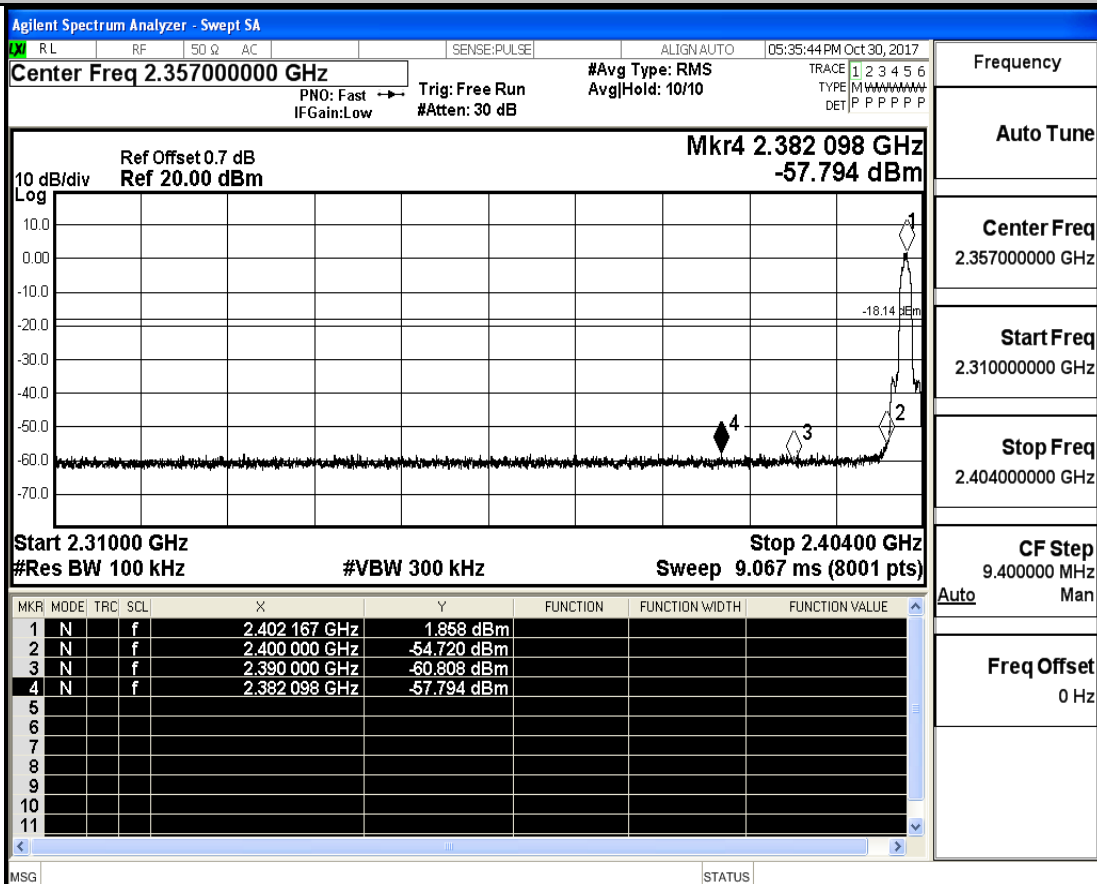




## Band-edge for RF Conducted Emissions\_2DH5\_2402\_Hopping On

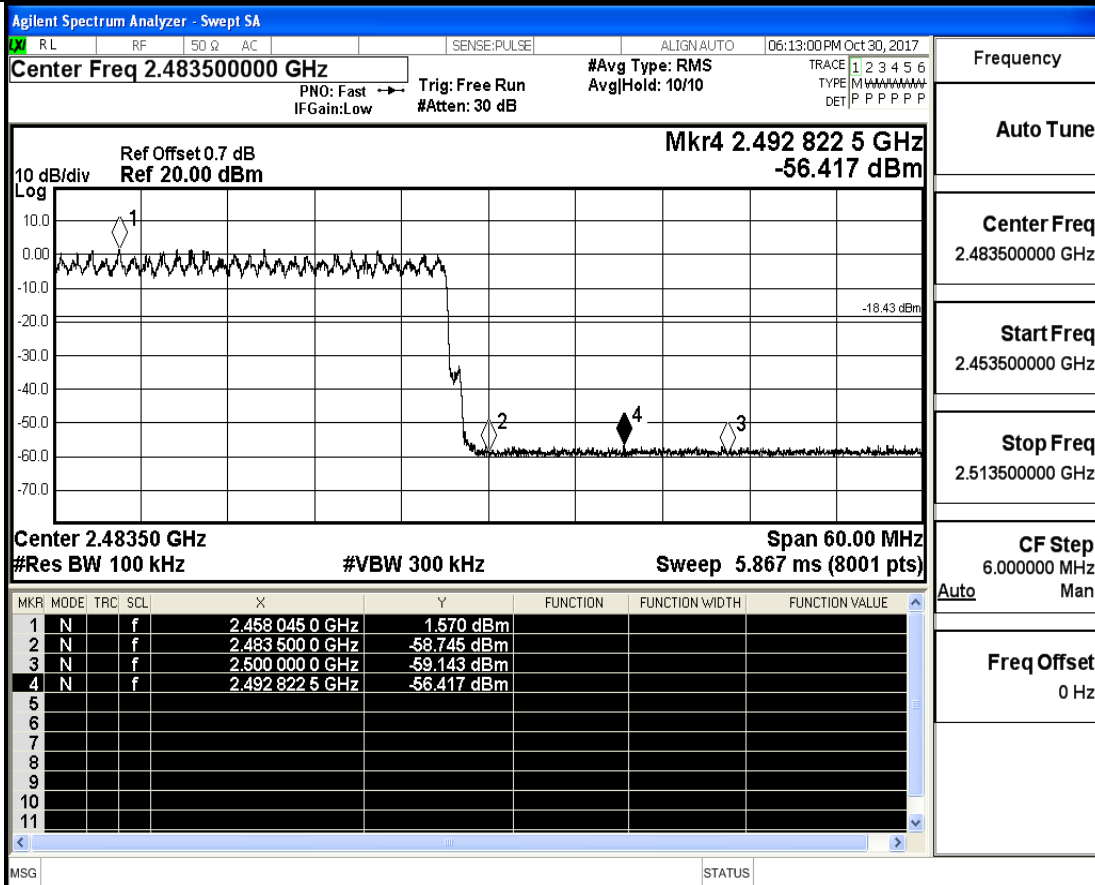


## Band-edge for RF Conducted Emissions\_2DH5\_2402\_Hopping Off

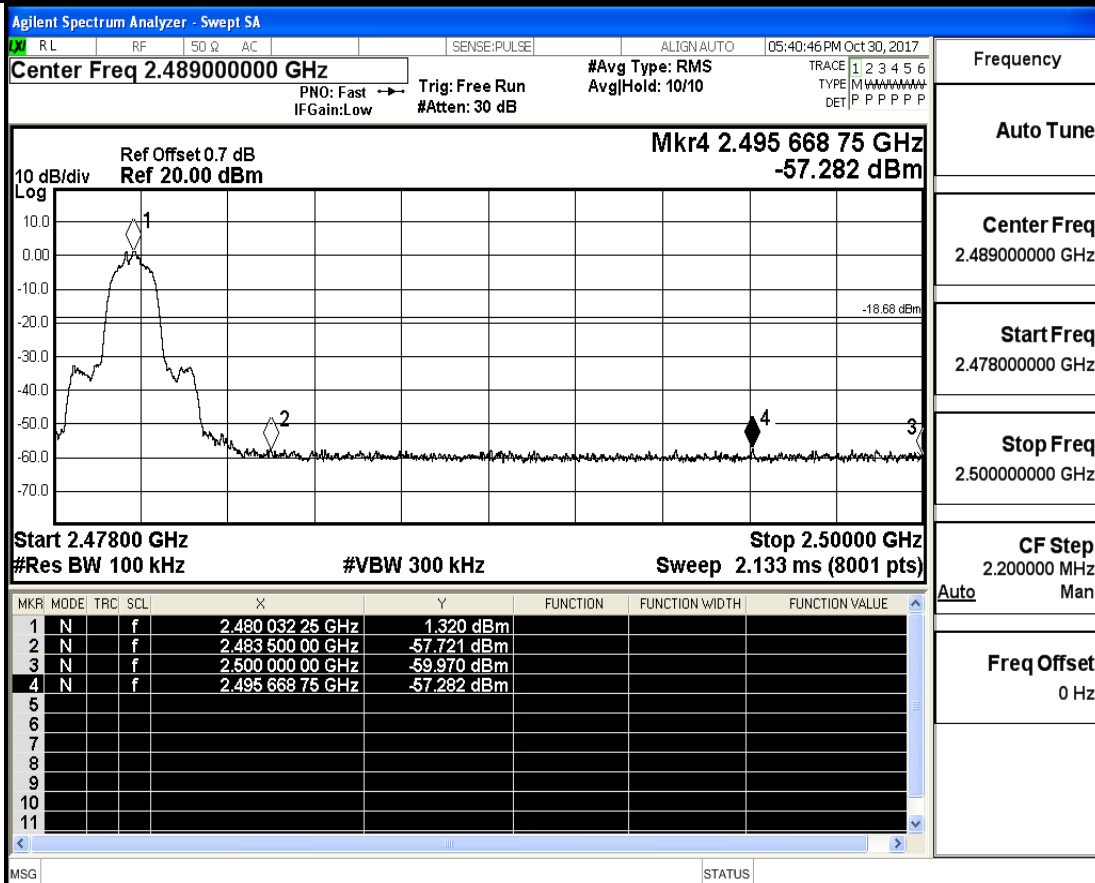




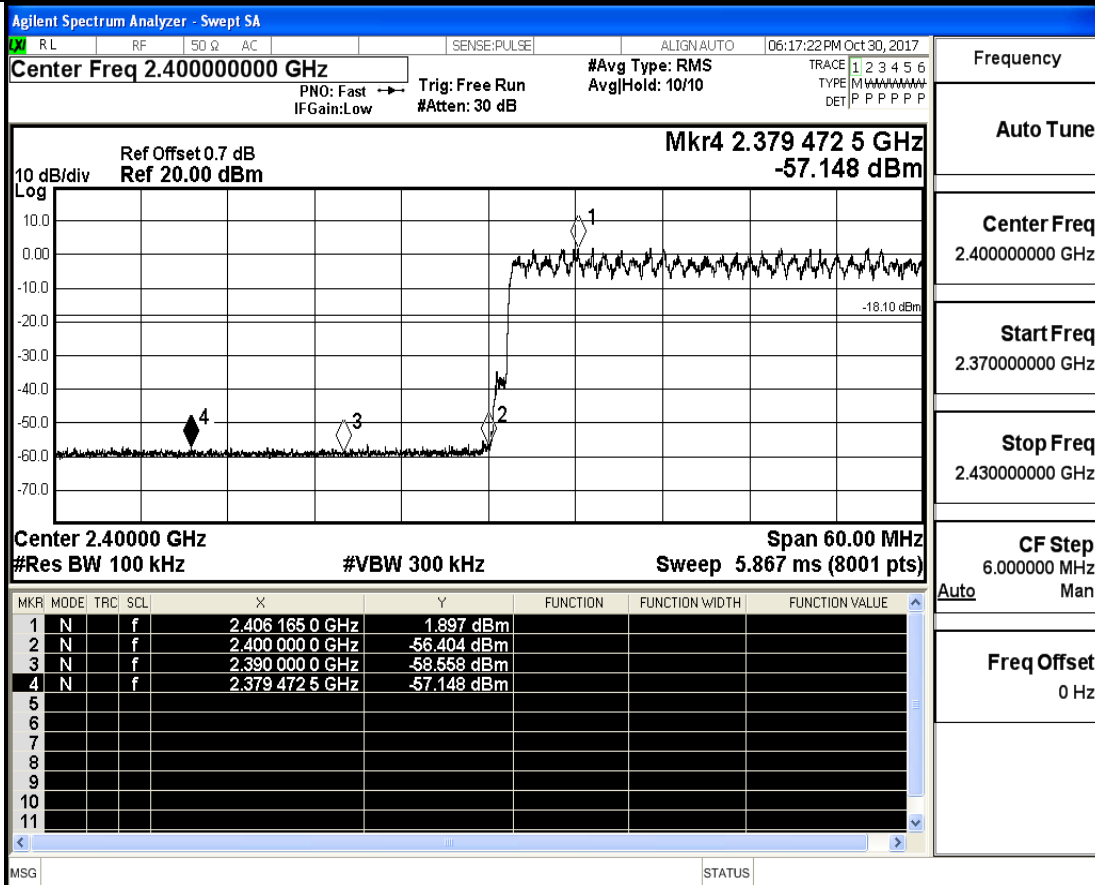
## Band-edge for RF Conducted Emissions\_2DH5\_2480\_Hopping On



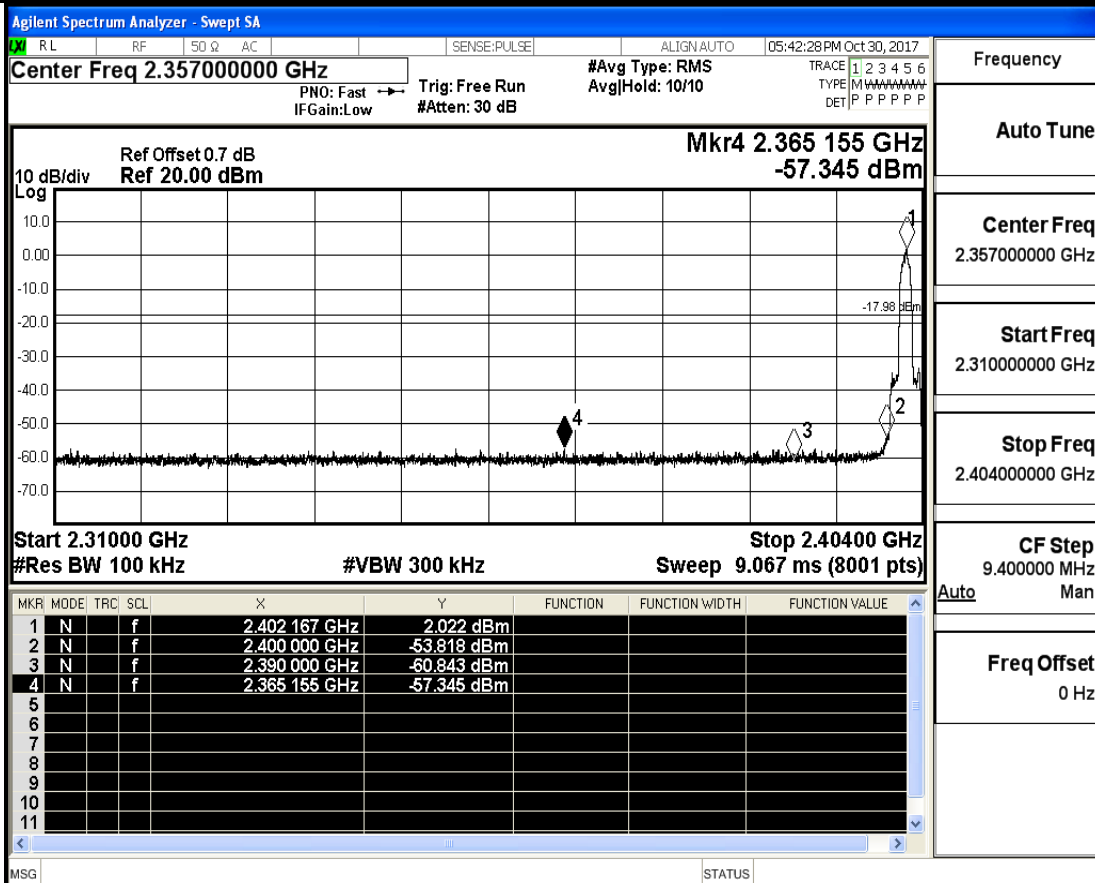
## Band-edge for RF Conducted Emissions\_2DH5\_2480\_Hopping Off



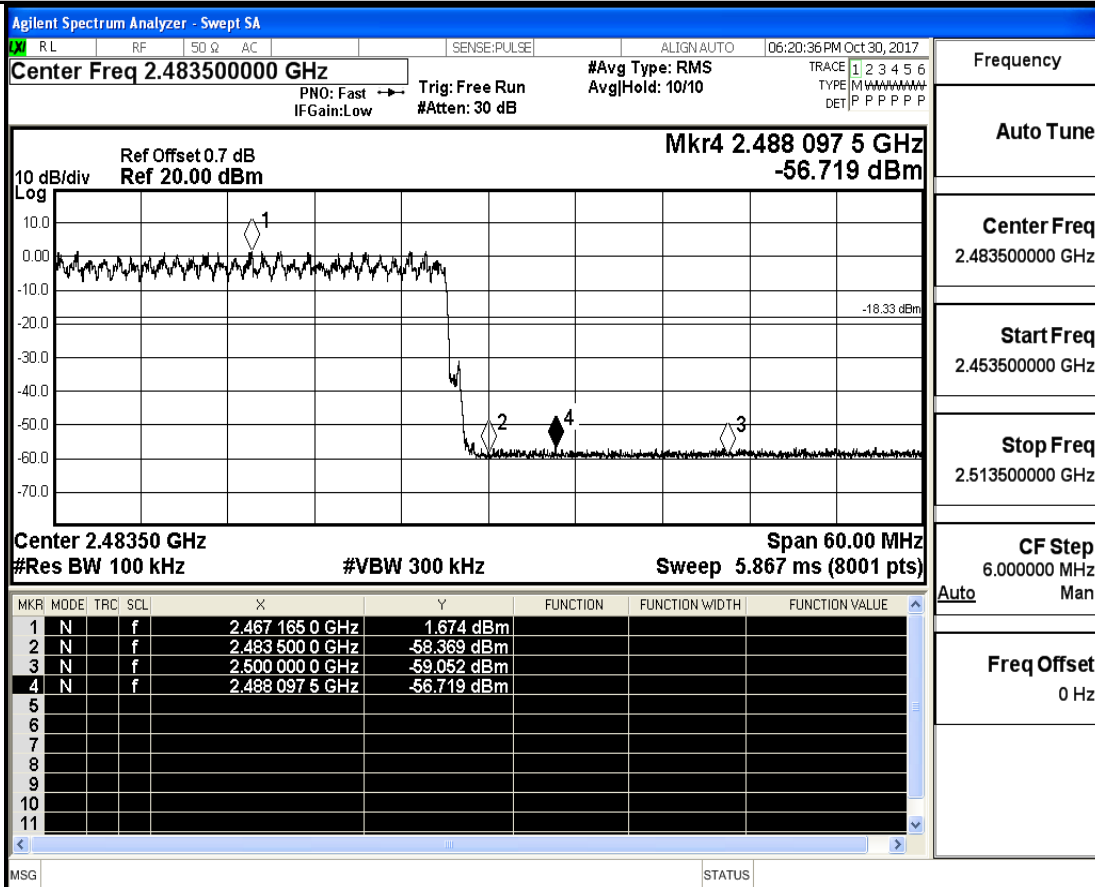
## Band-edge for RF Conducted Emissions\_3DH5\_2402\_Hopping On



## Band-edge for RF Conducted Emissions\_3DH5\_2402\_Hopping Off



## Band-edge for RF Conducted Emissions\_3DH5\_2480\_Hopping On

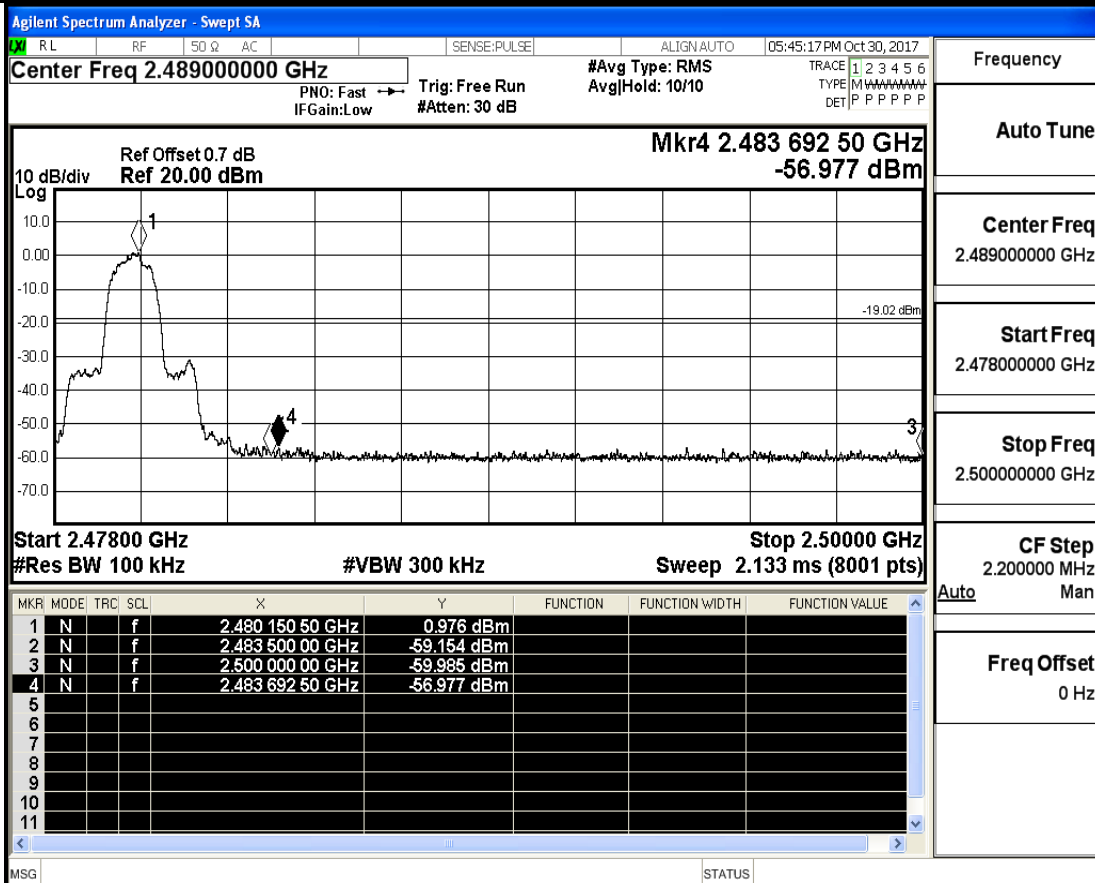


Frequency

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

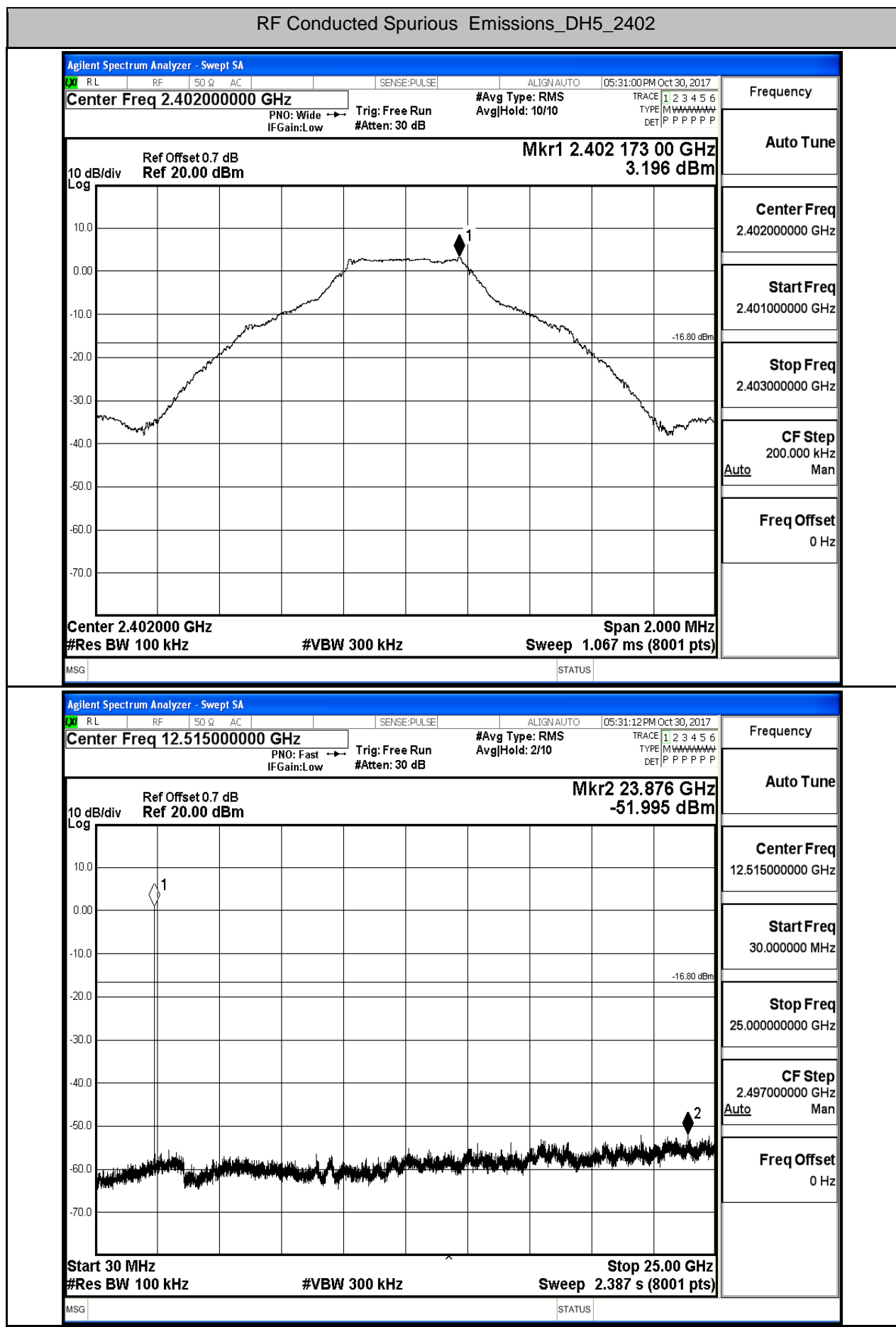
Auto Tune

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

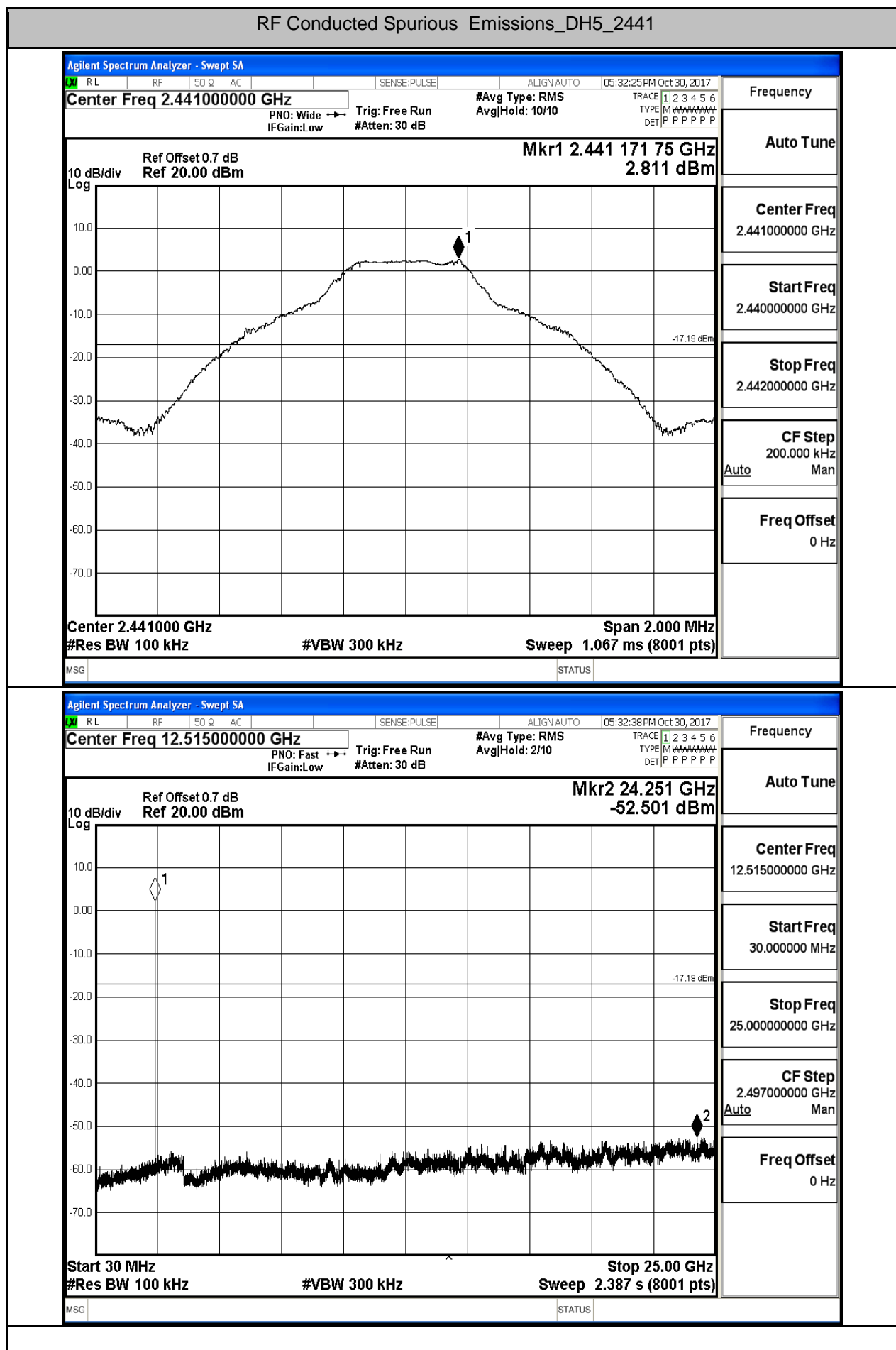
**8.RF Conducted Spurious Emissions**

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	3.196	-51.995	<- 16.804	PASS
DH5	2441	30	25000	100	300	2.811	-52.501	<- 17.189	PASS
DH5	2480	30	25000	100	300	2.737	-51.508	<- 17.263	PASS
2DH5	2402	30	25000	100	300	1.948	-51.737	<- 18.052	PASS
2DH5	2441	30	25000	100	300	0.897	-52.218	<- 19.103	PASS
2DH5	2480	30	25000	100	300	1.341	-50.081	<- 18.659	PASS
3DH5	2402	30	25000	100	300	1.806	-51.260	<- 18.194	PASS
3DH5	2441	30	25000	100	300	1.581	-51.968	<- 18.419	PASS
3DH5	2480	30	25000	100	300	1.416	-51.864	<- 18.584	PASS

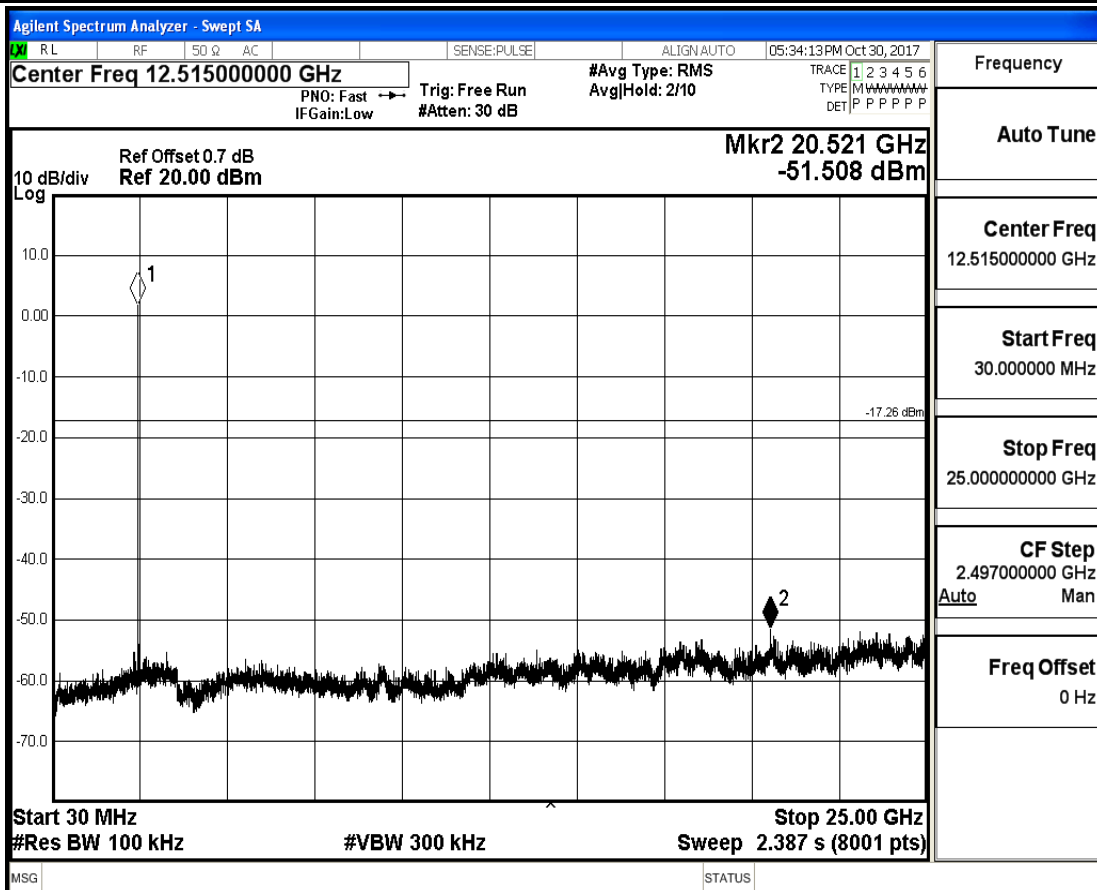
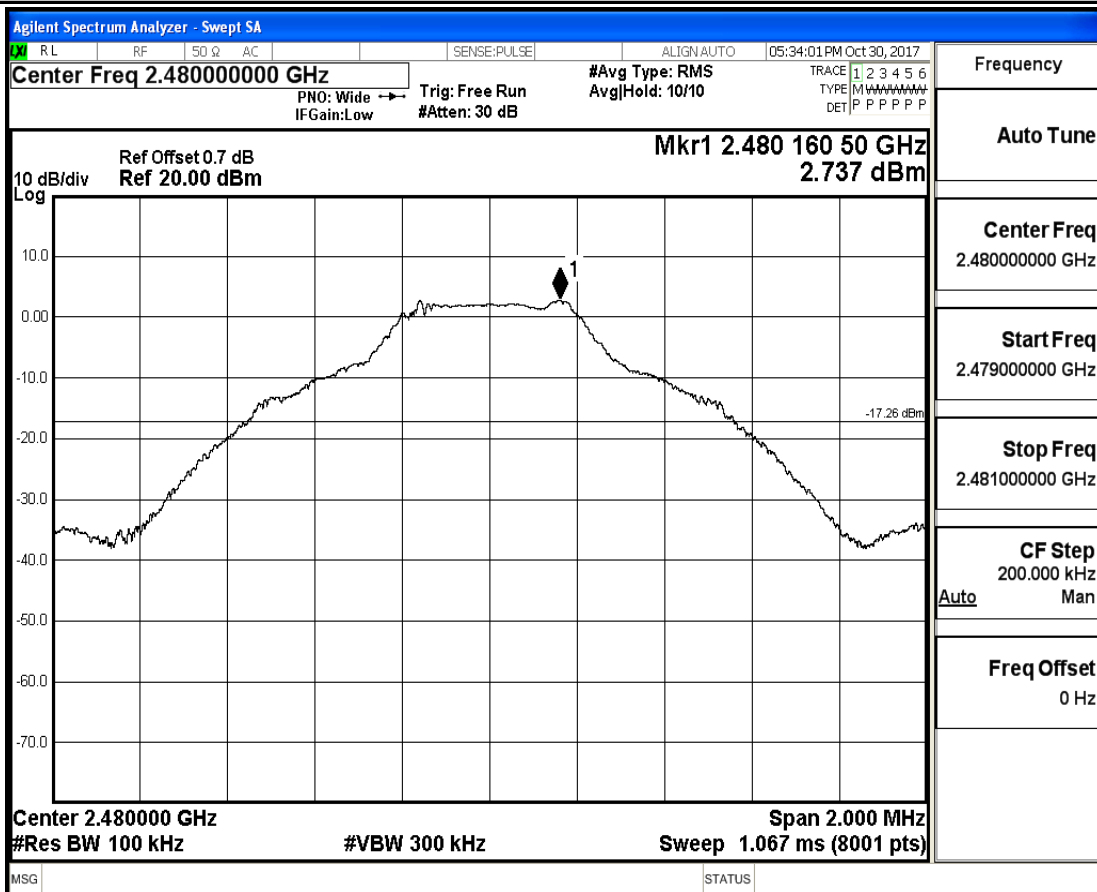
## RF Conducted Spurious Emissions\_DH5\_2402



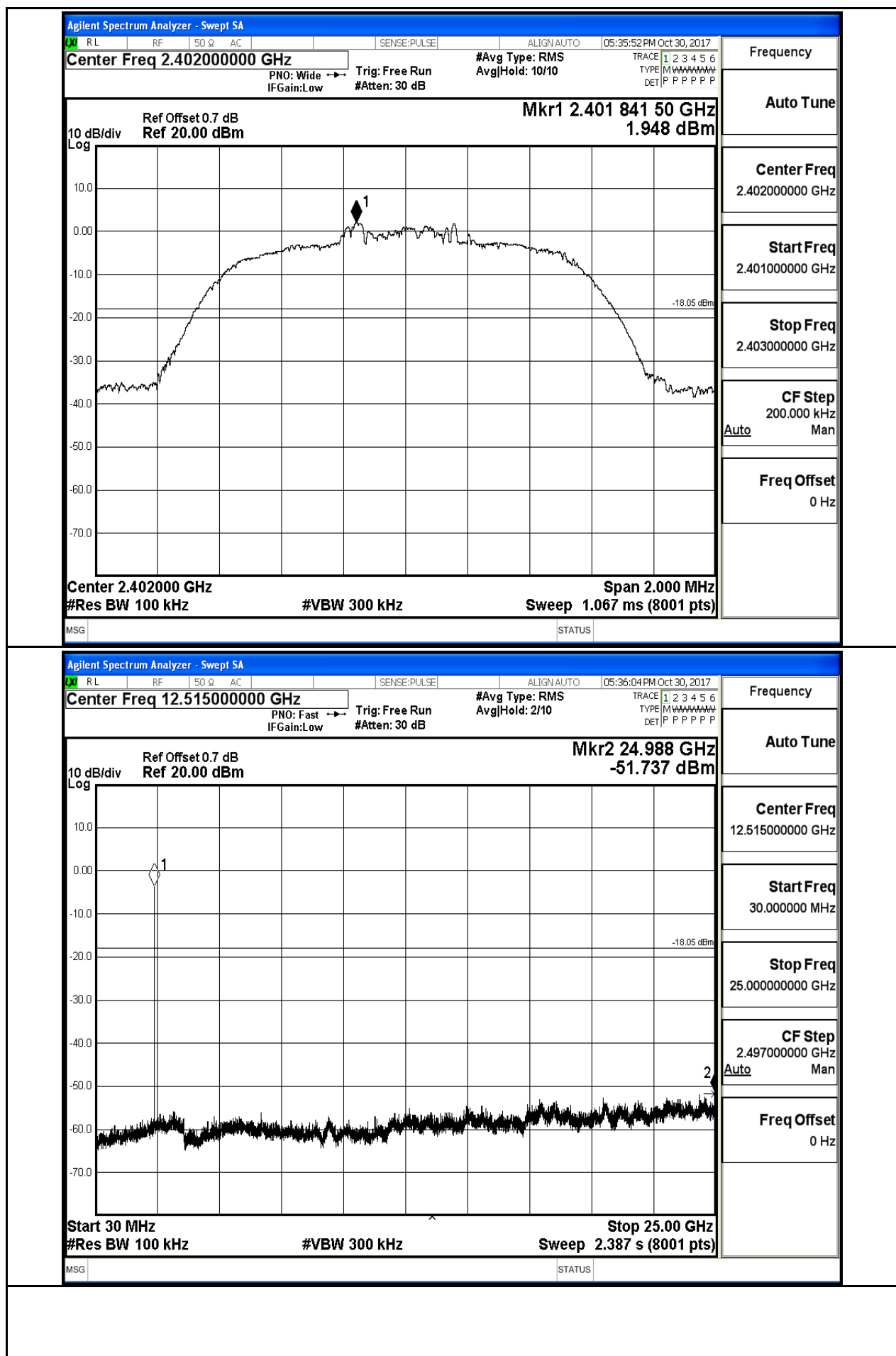
## RF Conducted Spurious Emissions\_DH5\_2441



## RF Conducted Spurious Emissions\_DH5\_2480

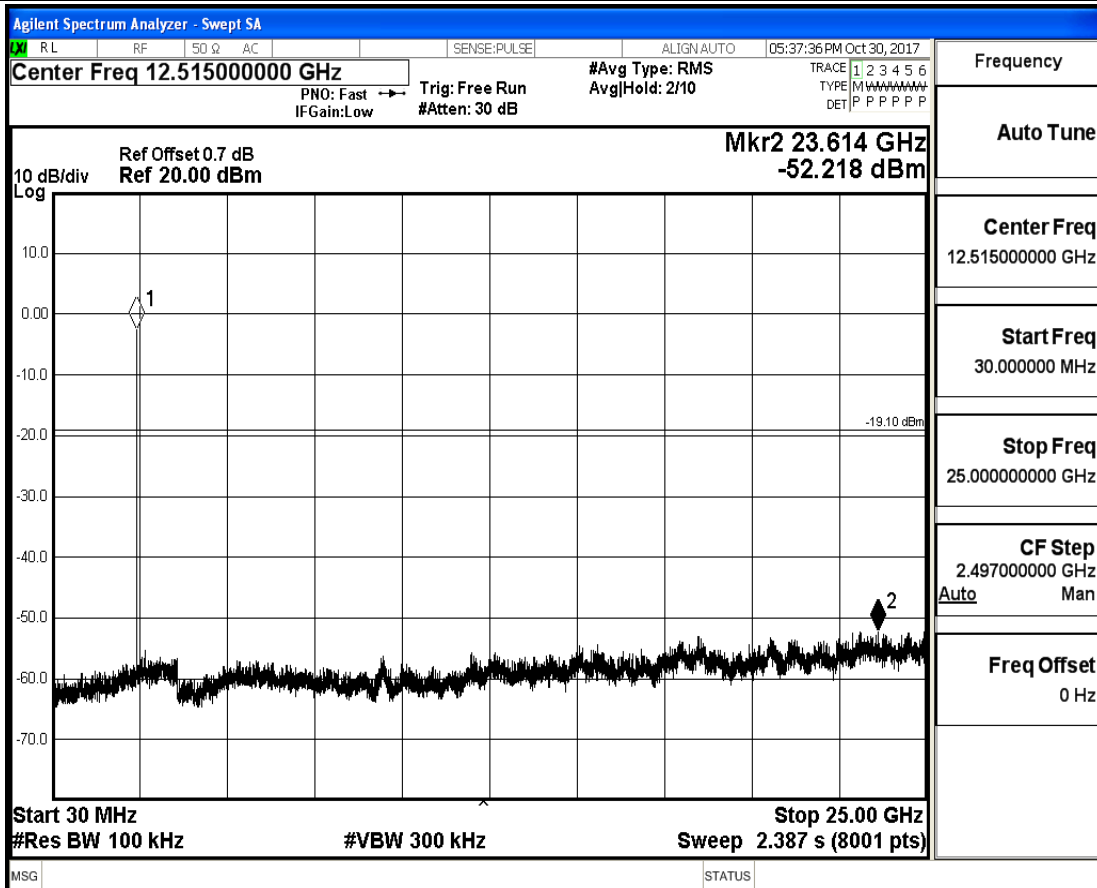
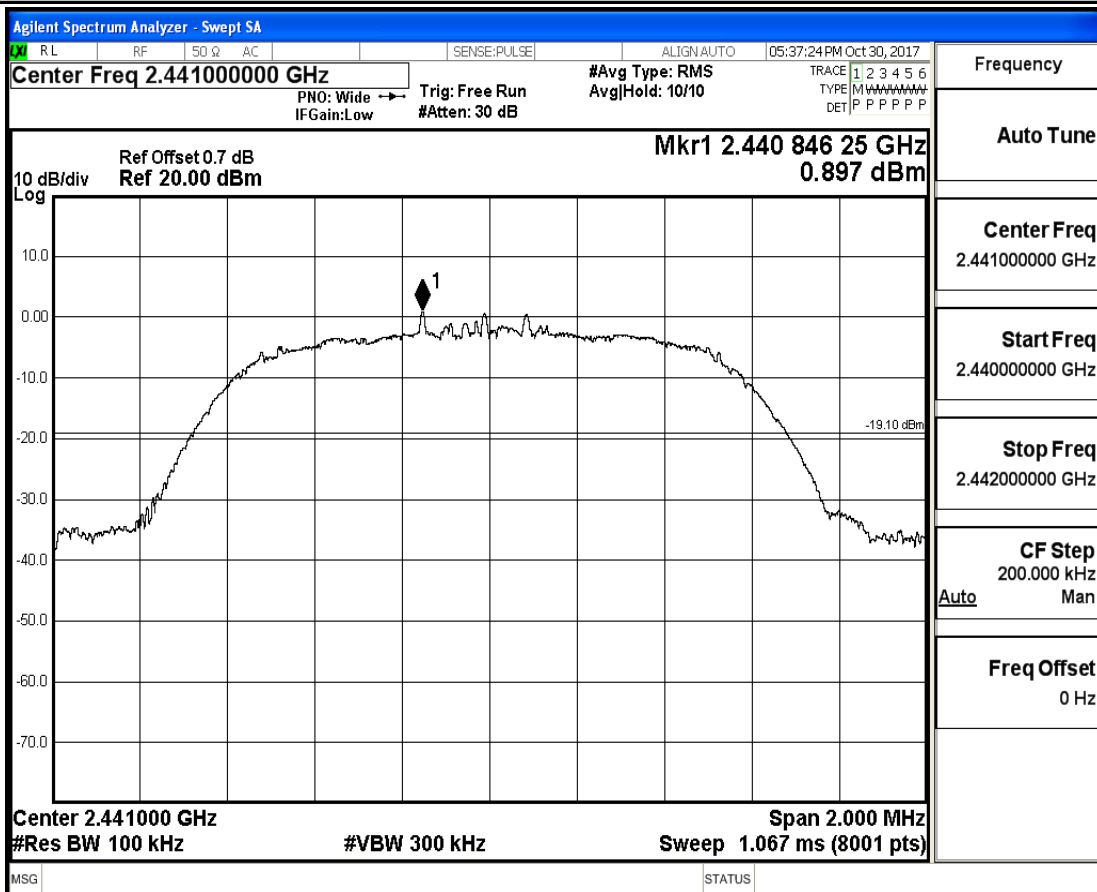


## RF Conducted Spurious Emissions\_2DH5\_2402

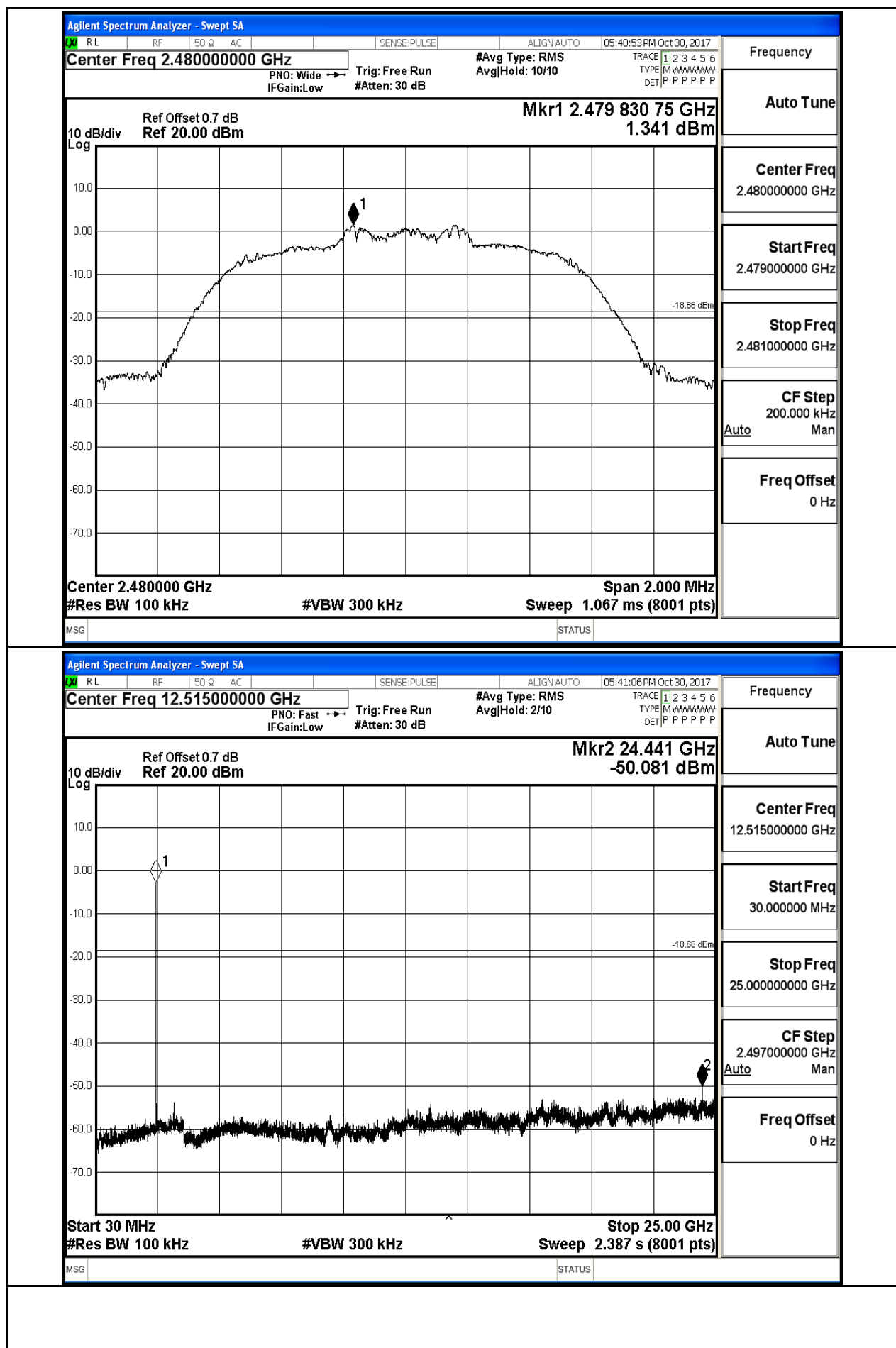




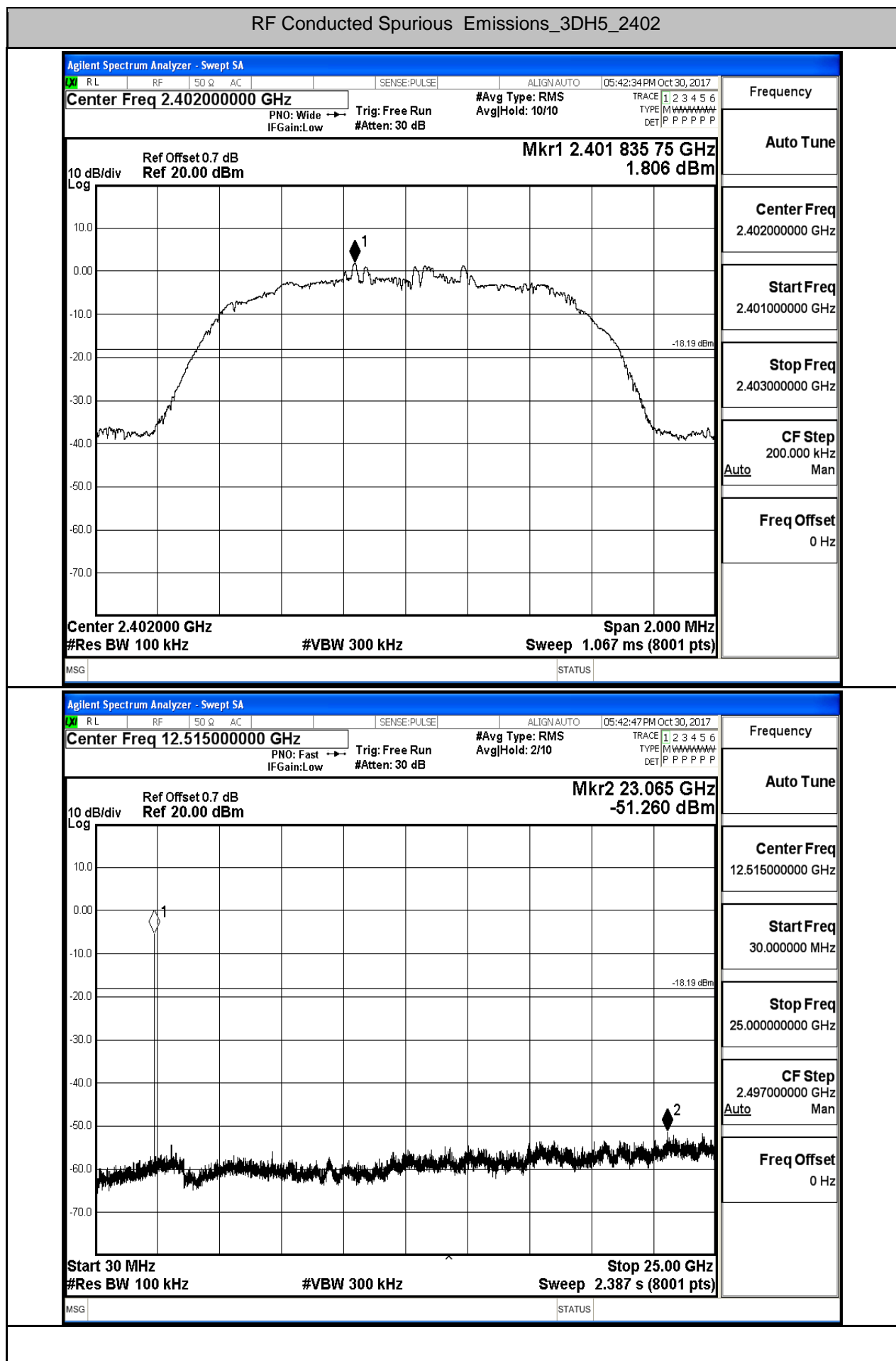
## RF Conducted Spurious Emissions\_2DH5\_2441



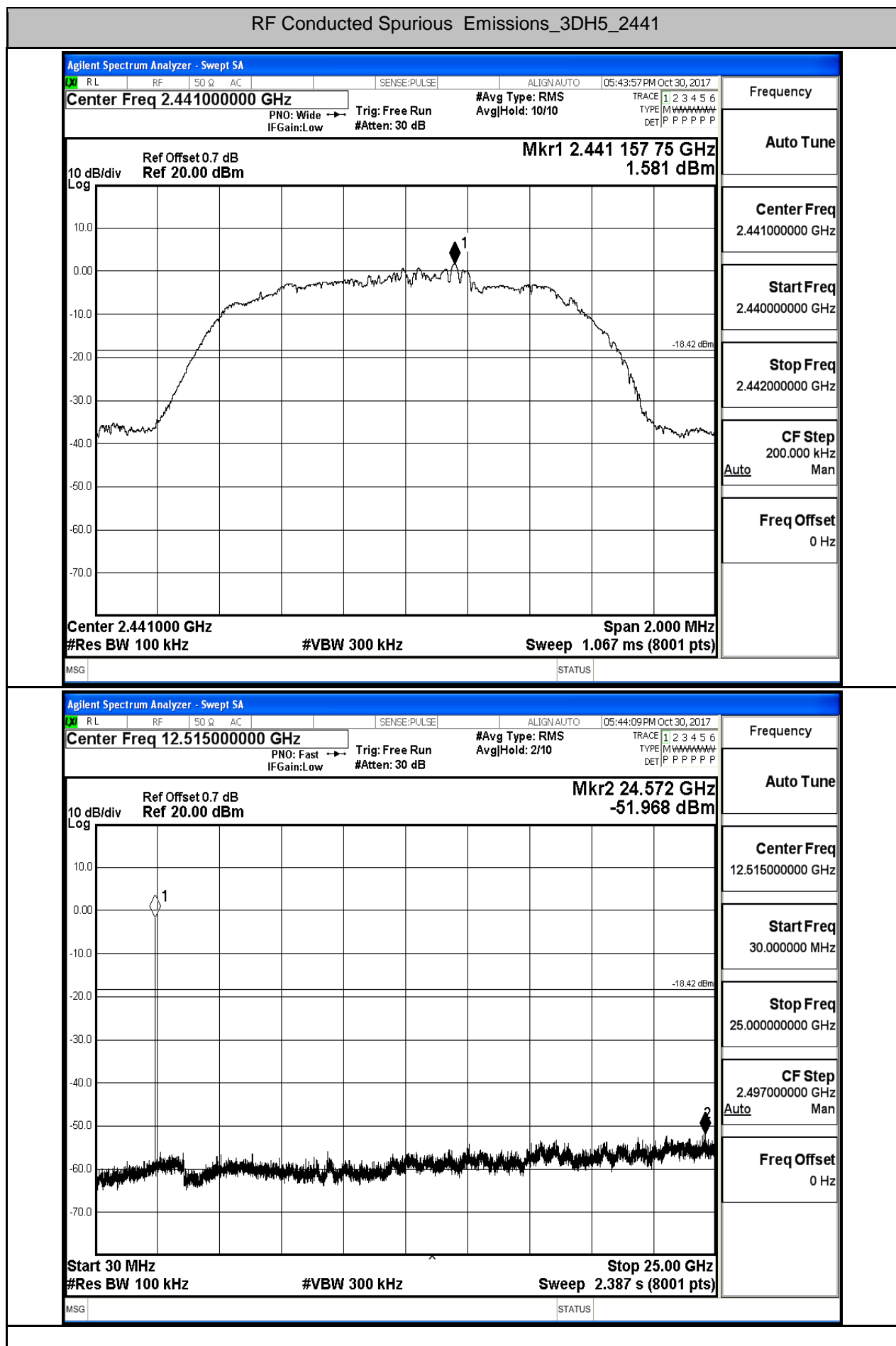
## RF Conducted Spurious Emissions\_2DH5\_2480



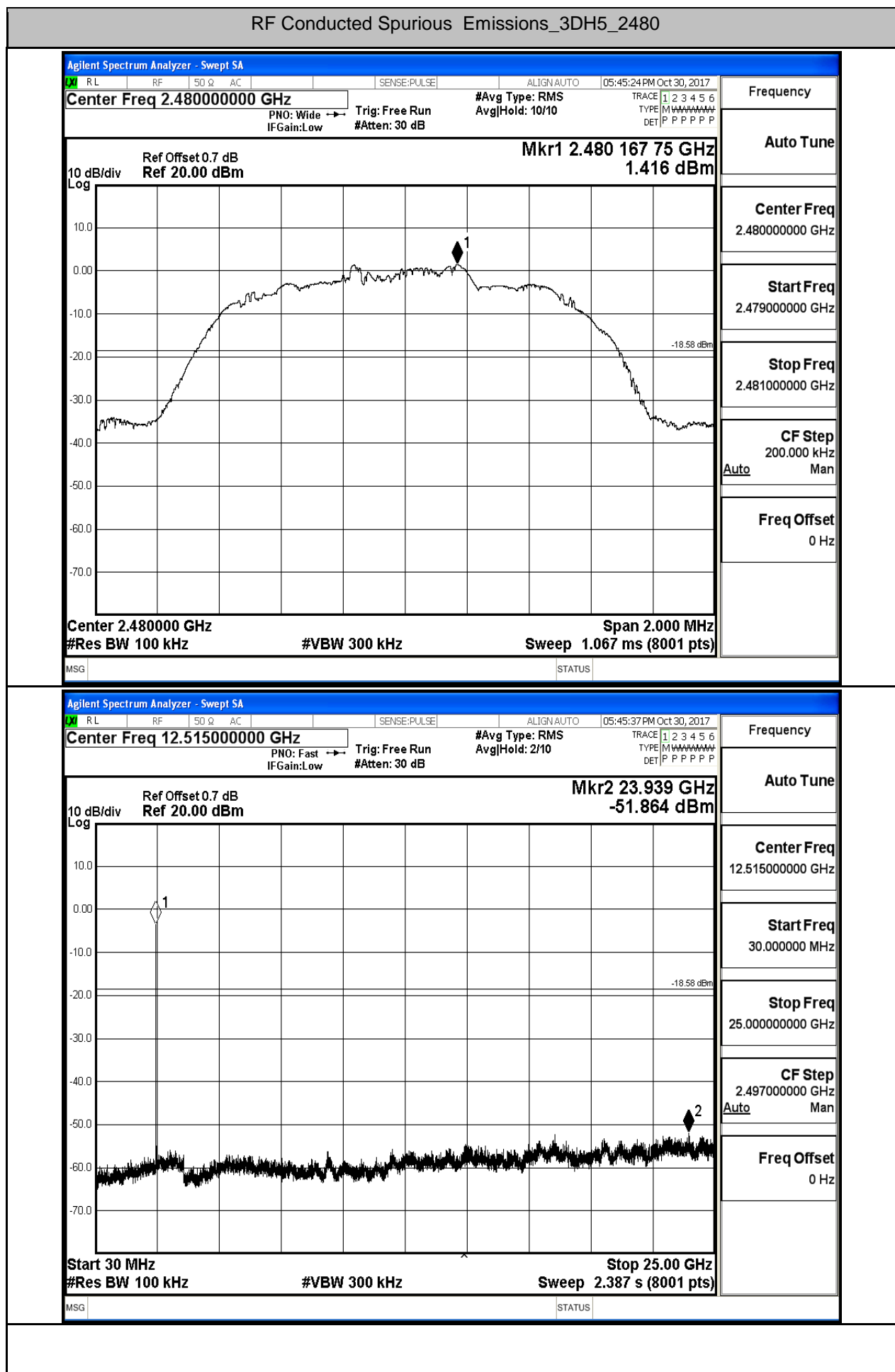
## RF Conducted Spurious Emissions\_3DH5\_2402



## RF Conducted Spurious Emissions\_3DH5\_2441



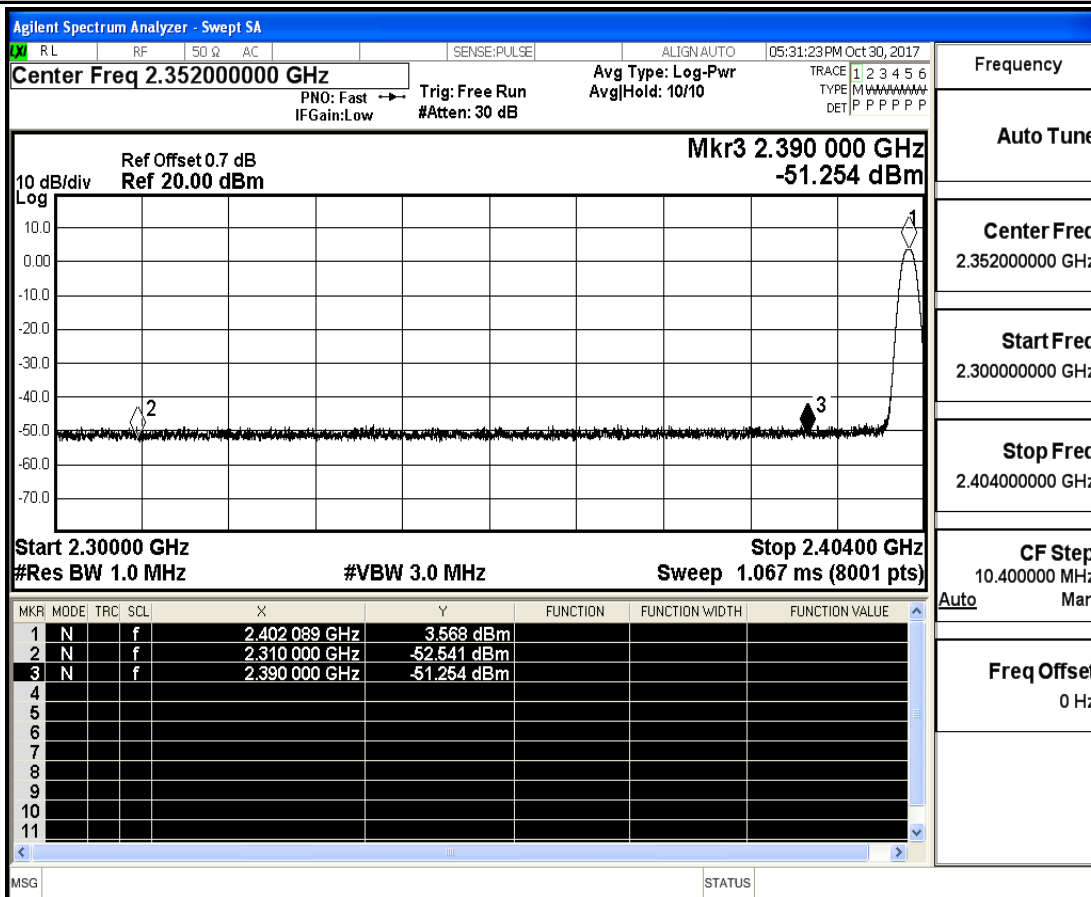
## RF Conducted Spurious Emissions\_3DH5\_2480



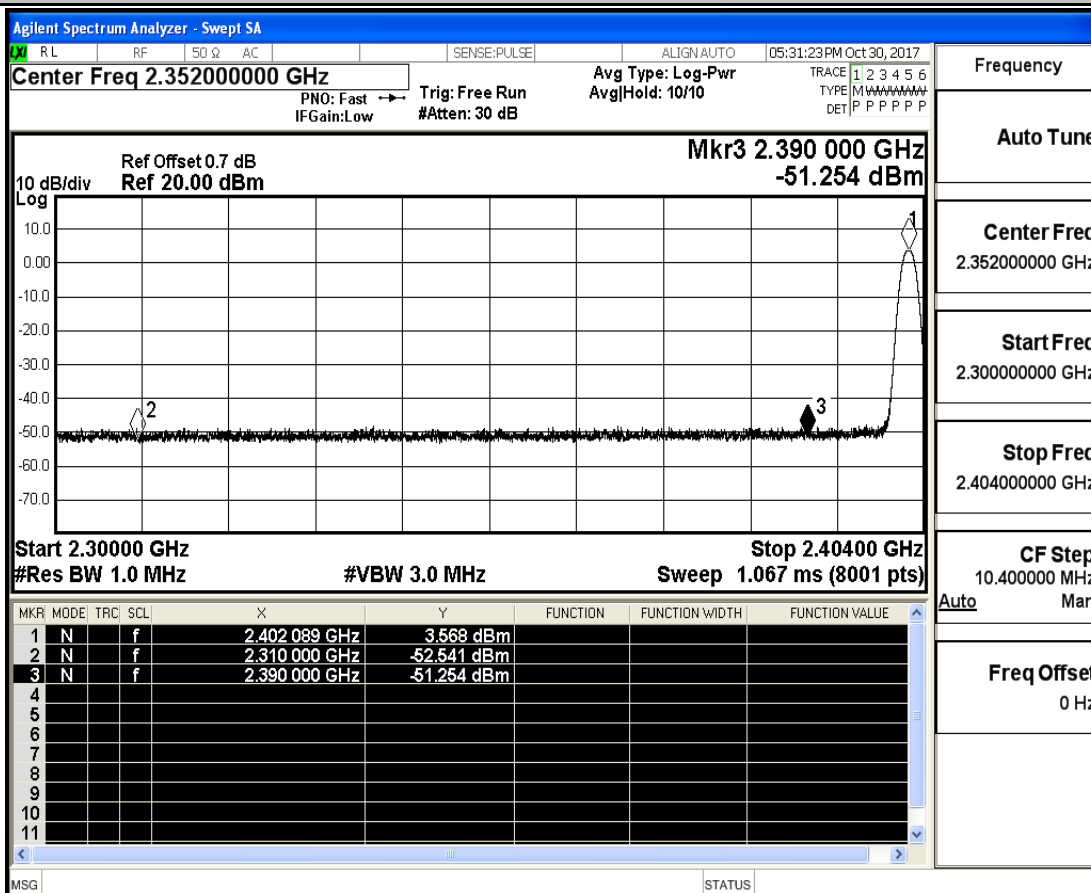
**9.Restrict-band band-edge measurements**

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
DH5	On	2310.0	-52.54	0	0	42.72	PEAK	74	PASS
DH5	On	2390.0	-51.25	0	0	44.00	PEAK	74	PASS
DH5	On	2483.5	-49.81	0	0	45.45	PEAK	74	PASS
DH5	On	2500.0	-51.37	0	0	43.88	PEAK	74	PASS
2DH5	On	2310.0	-51.47	0	0	43.79	PEAK	74	PASS
2DH5	On	2390.0	-52.34	0	0	42.92	PEAK	74	PASS
2DH5	On	2483.5	-49.01	0	0	46.25	PEAK	74	PASS
2DH5	On	2500.0	-50.59	0	0	44.67	PEAK	74	PASS
3DH5	On	2310.0	-50.62	0	0	44.64	PEAK	74	PASS
3DH5	On	2390.0	-51.37	0	0	43.89	PEAK	74	PASS
3DH5	On	2483.5	-47.35	0	0	47.91	PEAK	74	PASS
3DH5	On	2500.0	-50.55	0	0	44.71	PEAK	74	PASS

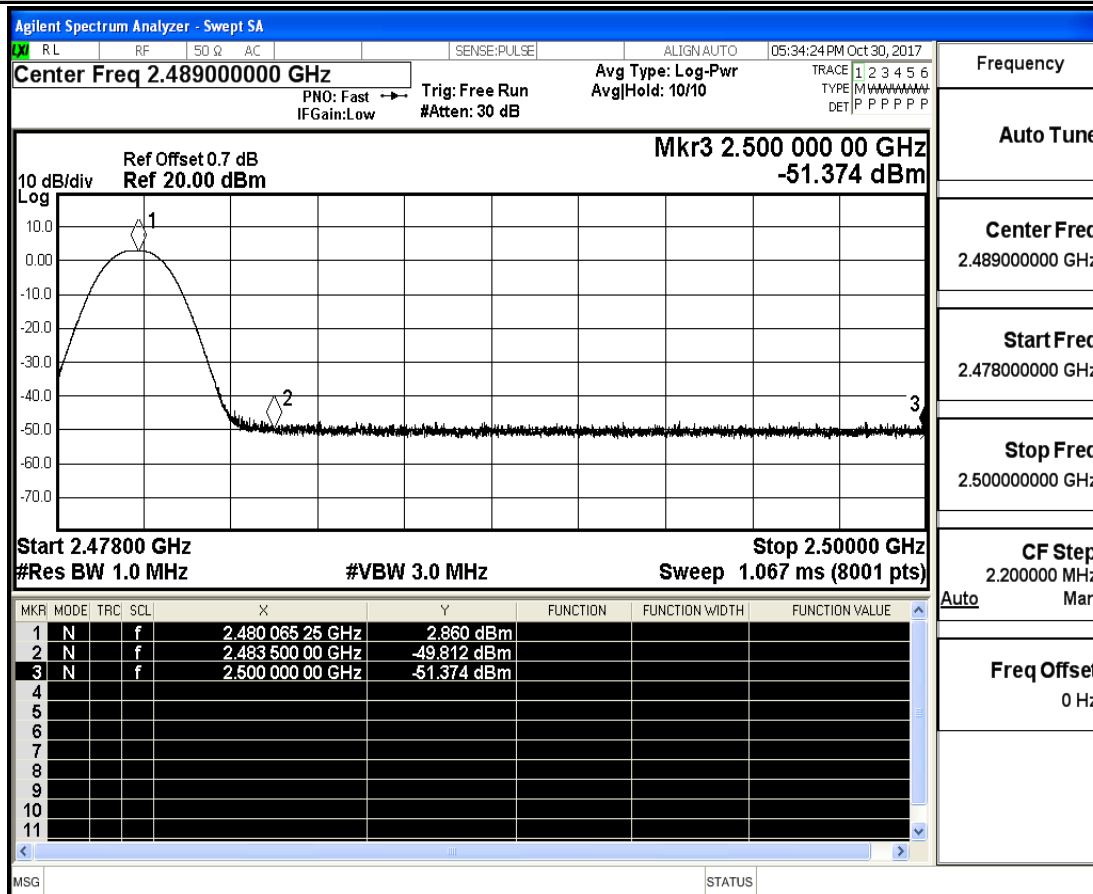
## Restrict-band band-edge measurements\_PEAK



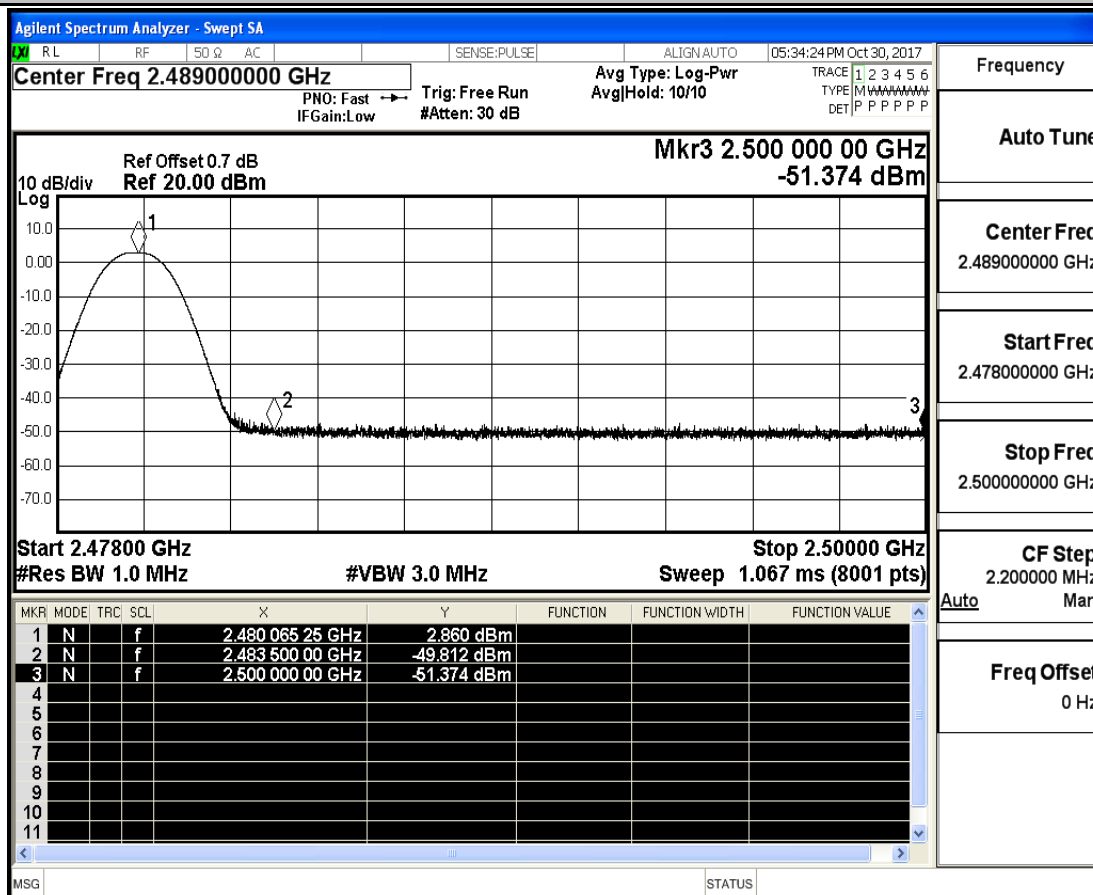
## Restrict-band band-edge measurements\_PEAK



## Restrict-band band-edge measurements\_ PEAK

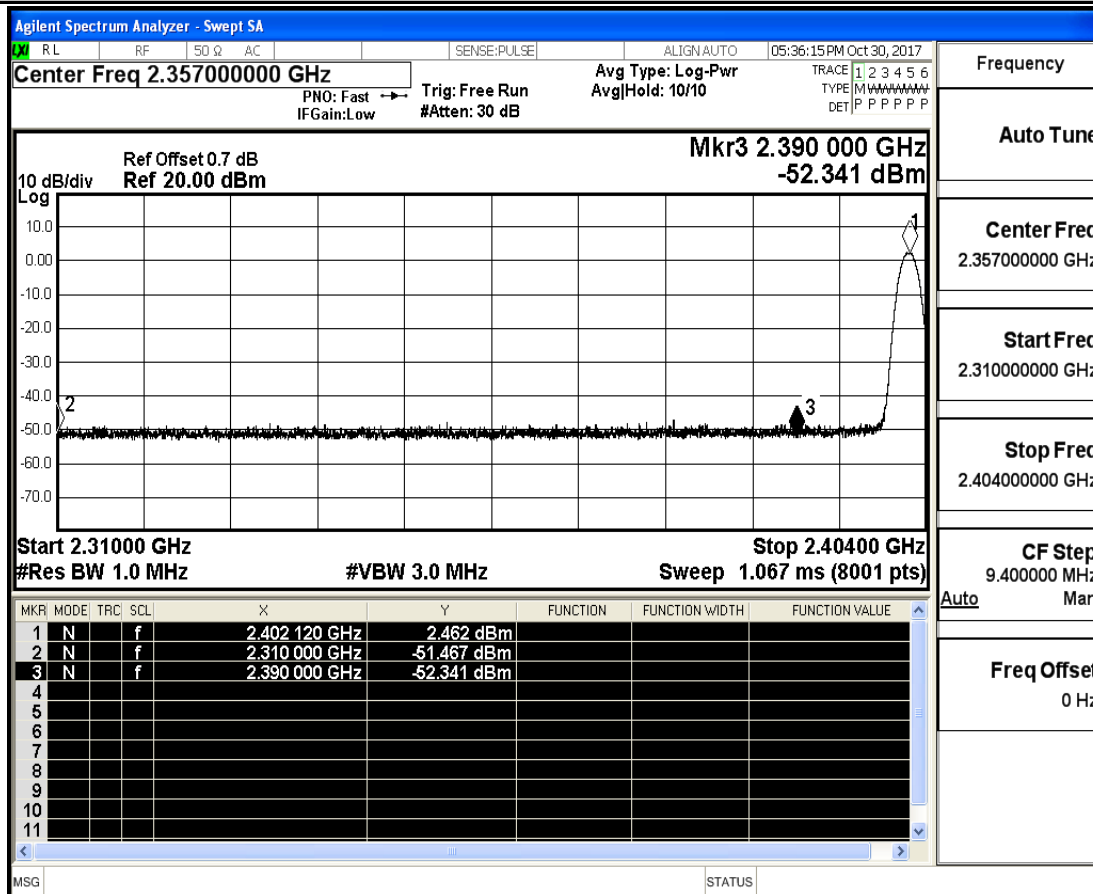


## Restrict-band band-edge measurements\_ PEAK

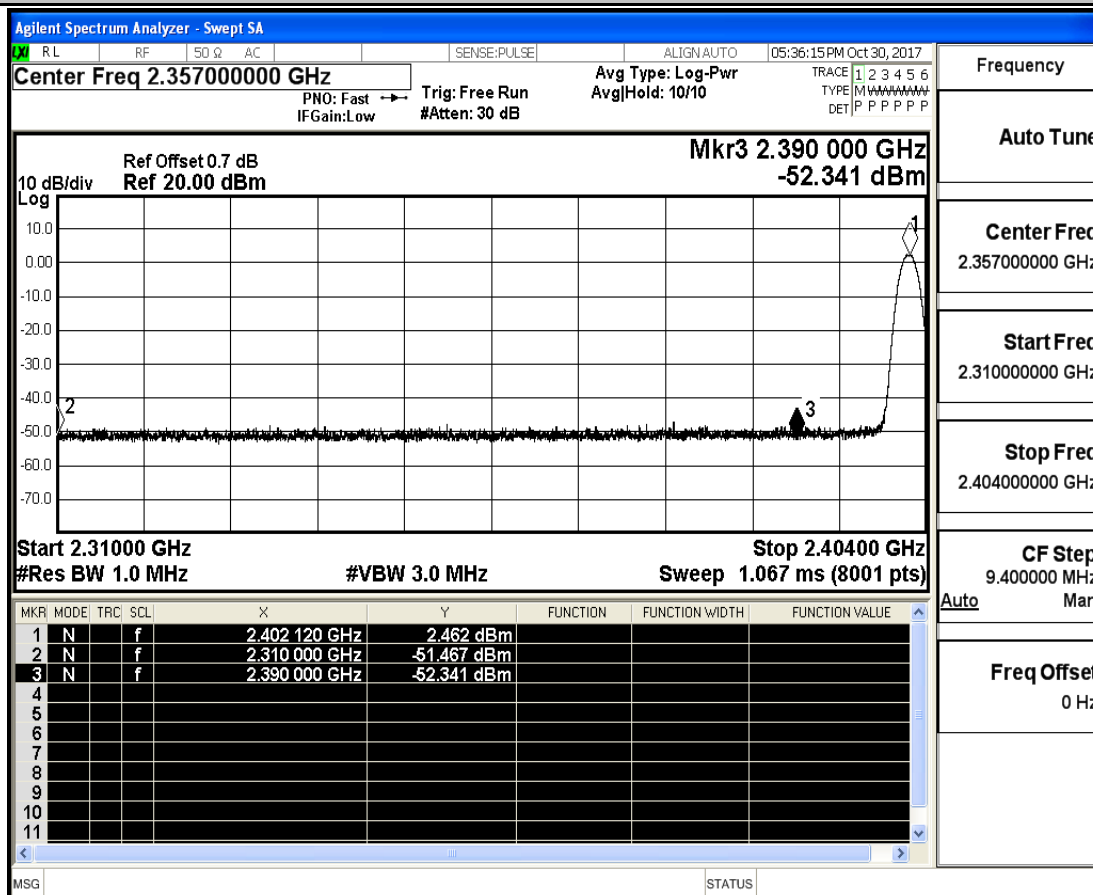




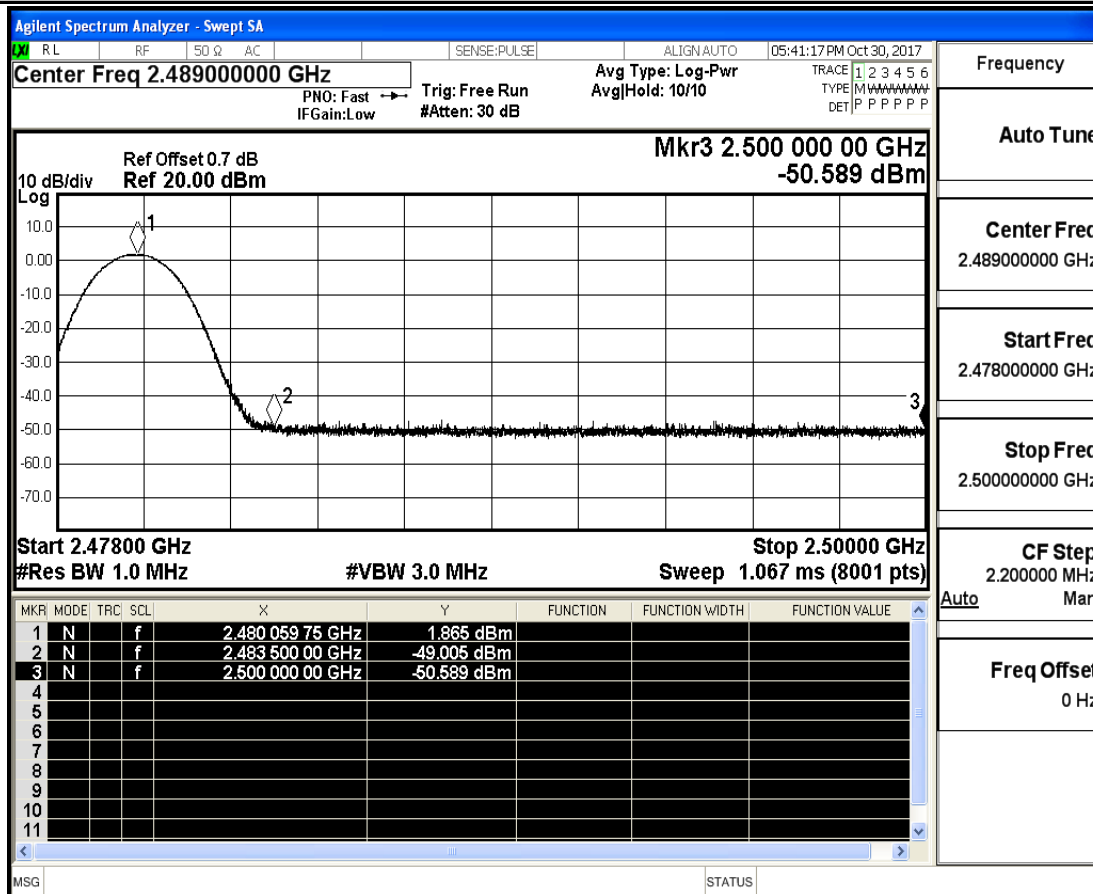
## Restrict-band band-edge measurements\_ PEAK



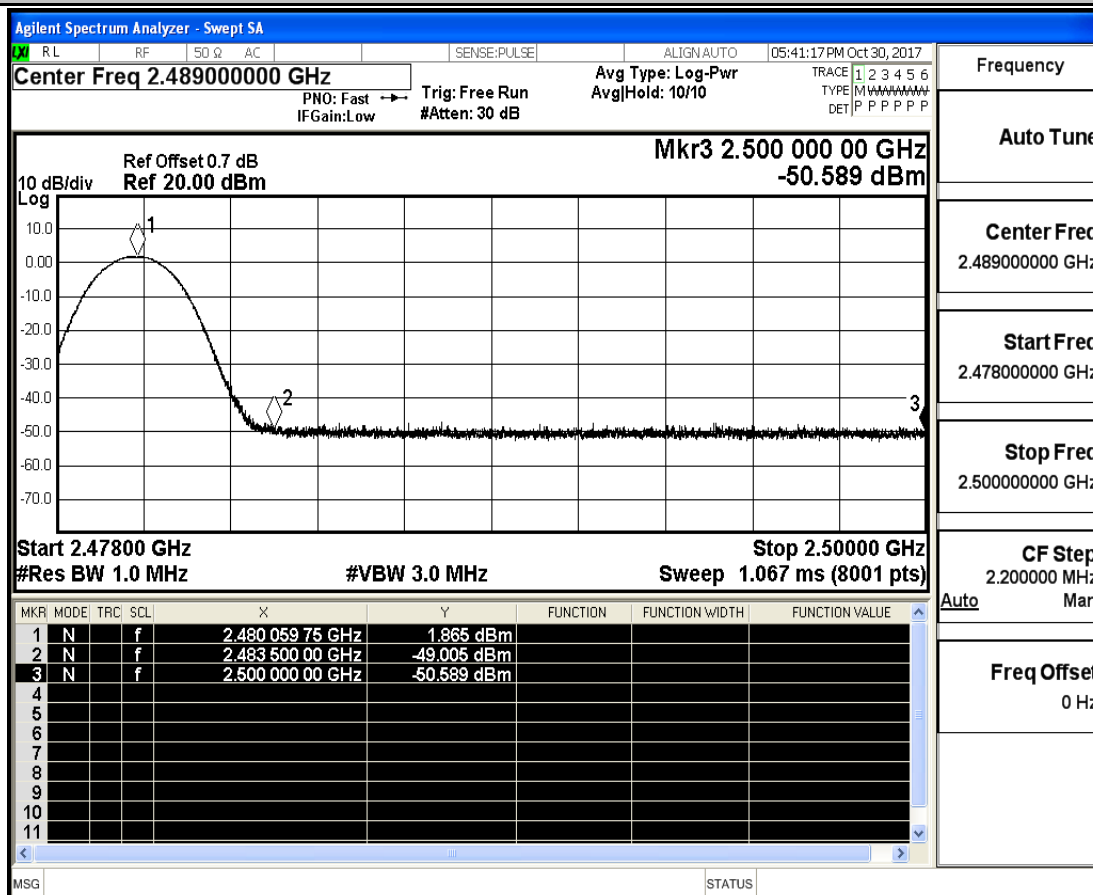
## Restrict-band band-edge measurements\_ PEAK



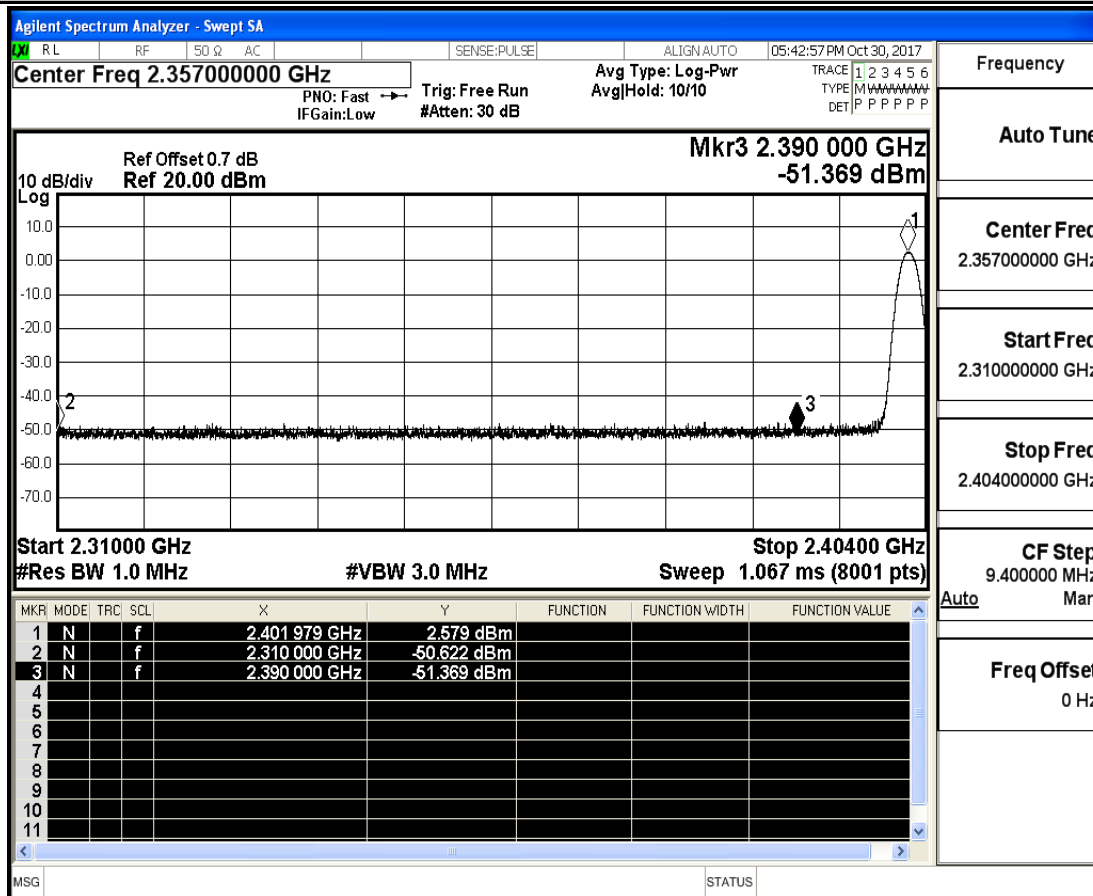
## Restrict-band band-edge measurements\_ PEAK



## Restrict-band band-edge measurements\_ PEAK



## Restrict-band band-edge measurements\_ PEAK



## Restrict-band band-edge measurements\_ PEAK

