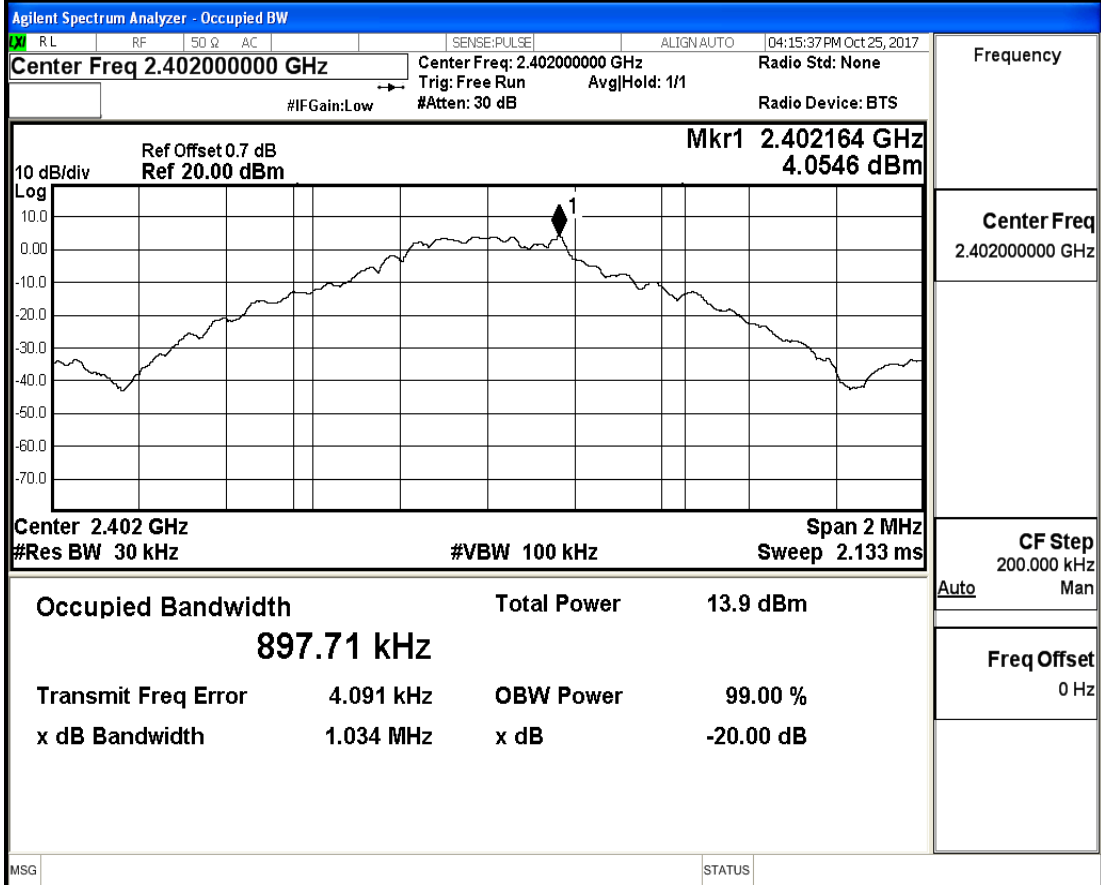


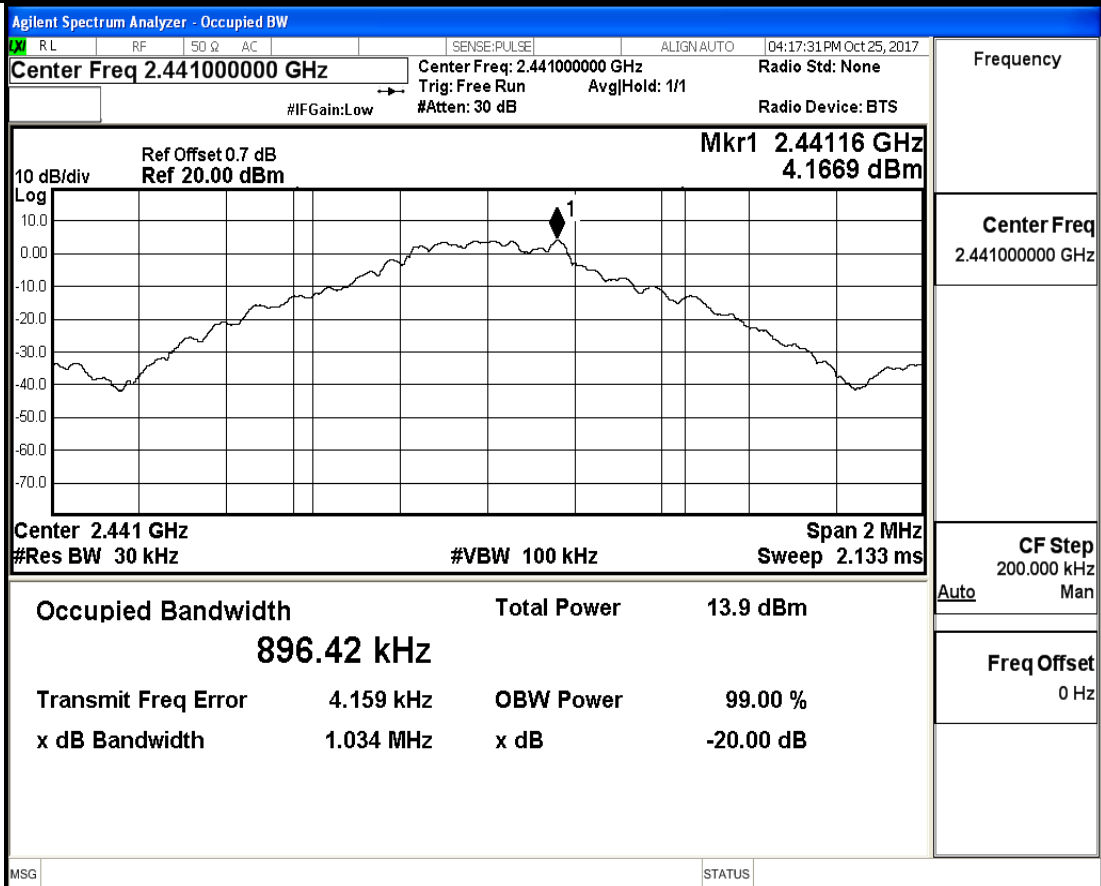
**1.20 dB Bandwidth**

Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
DH5	2402	1.034	---	PASS
DH5	2441	1.034	---	PASS
DH5	2480	1.031	---	PASS
2DH5	2402	1.288	---	PASS
2DH5	2441	1.289	---	PASS
2DH5	2480	1.291	---	PASS
3DH5	2402	1.290	---	PASS
3DH5	2441	1.294	---	PASS
3DH5	2480	1.295	---	PASS

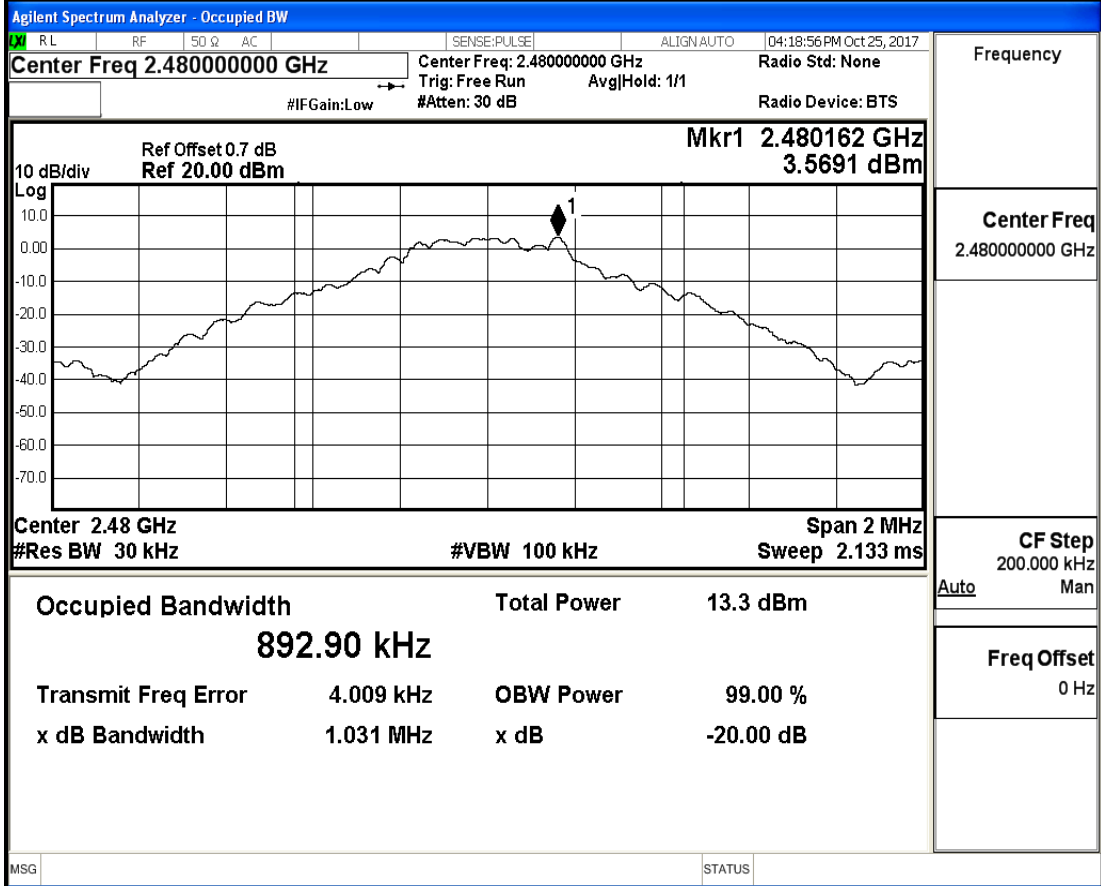
## 20 dB Bandwidth\_DH5\_2402



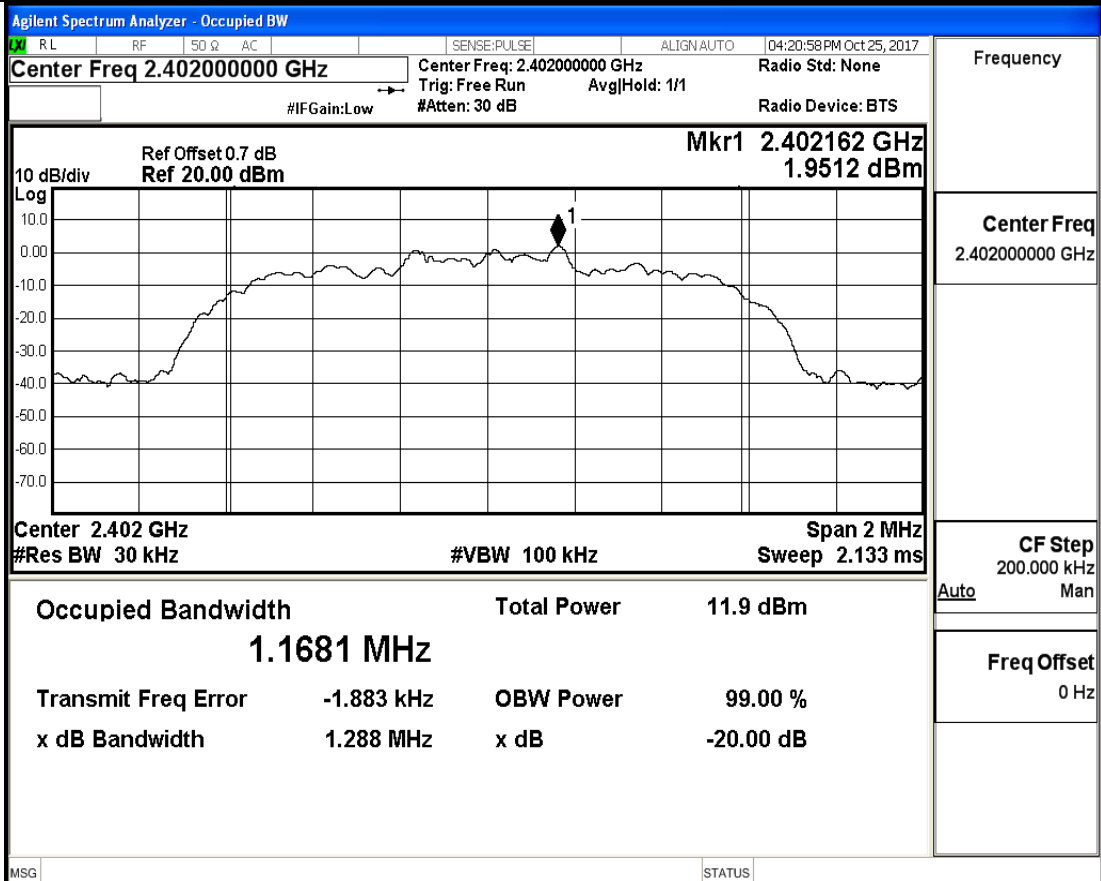
## 20 dB Bandwidth\_DH5\_2441



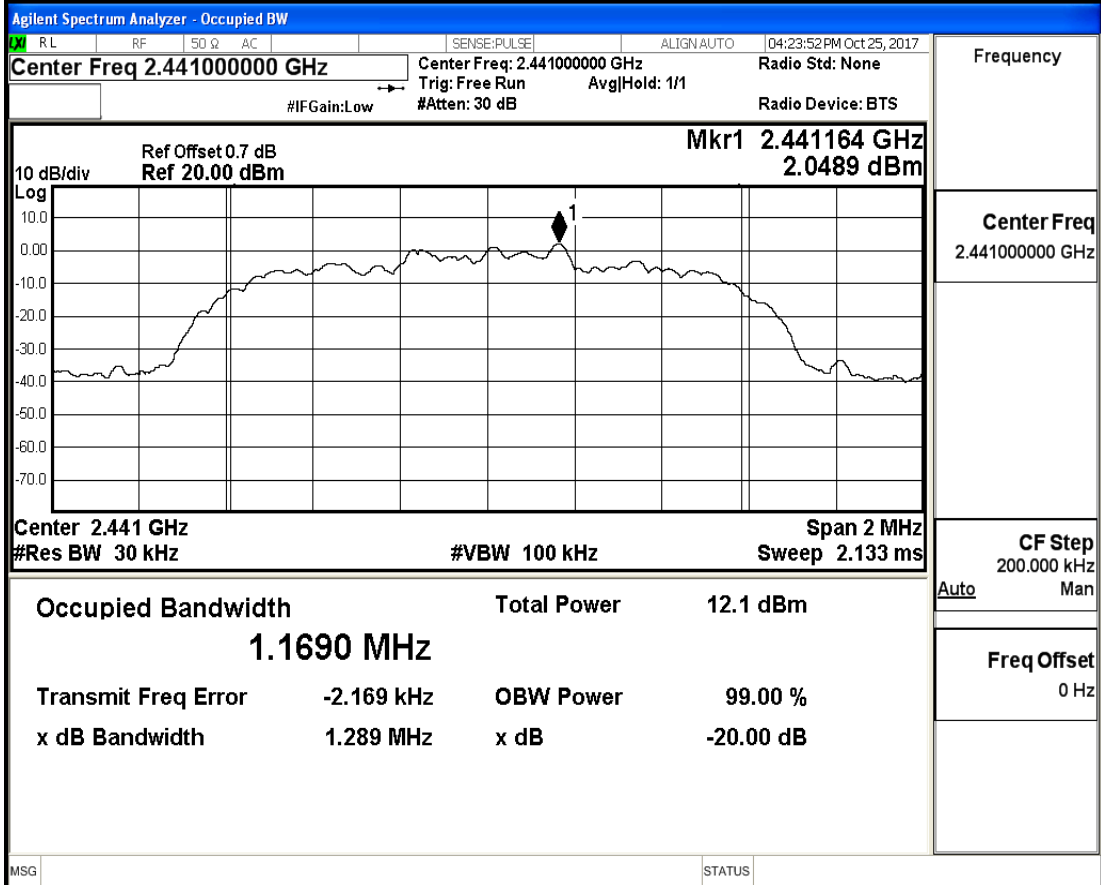
## 20 dB Bandwidth\_DH5\_2480



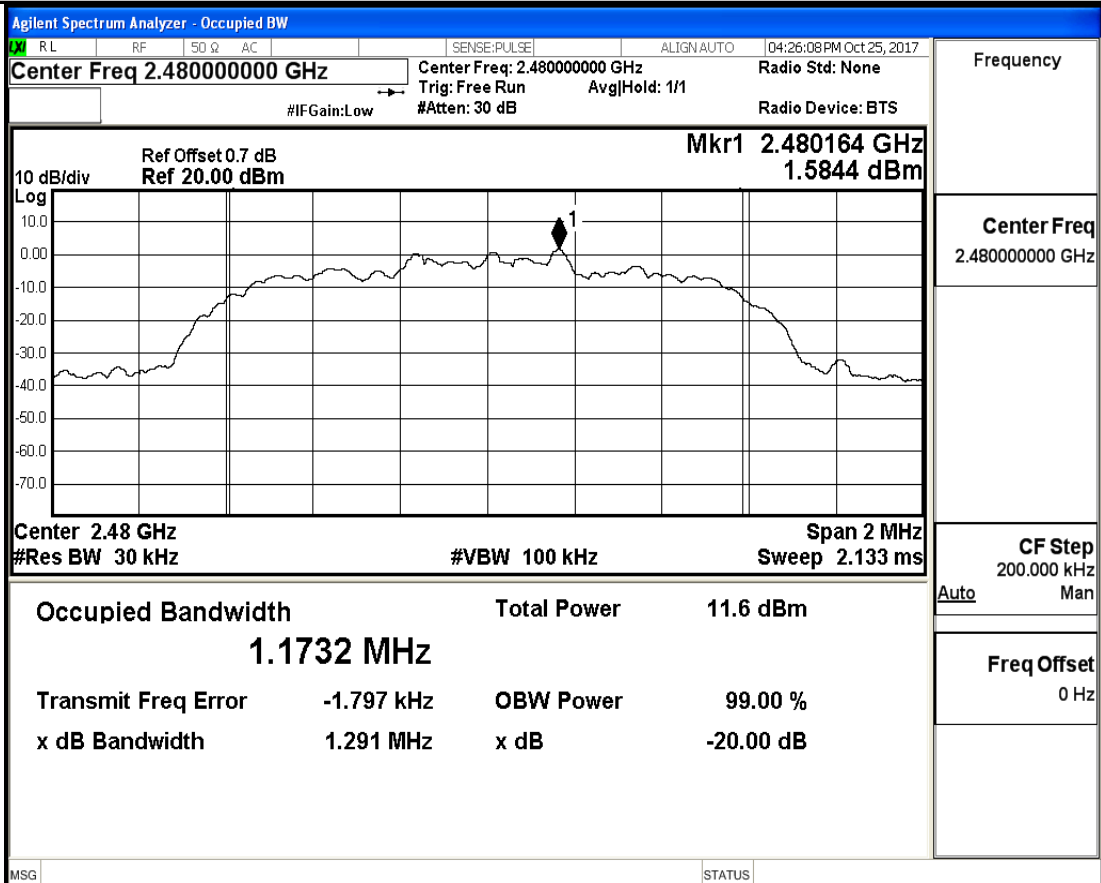
## 20 dB Bandwidth\_2DH5\_2402



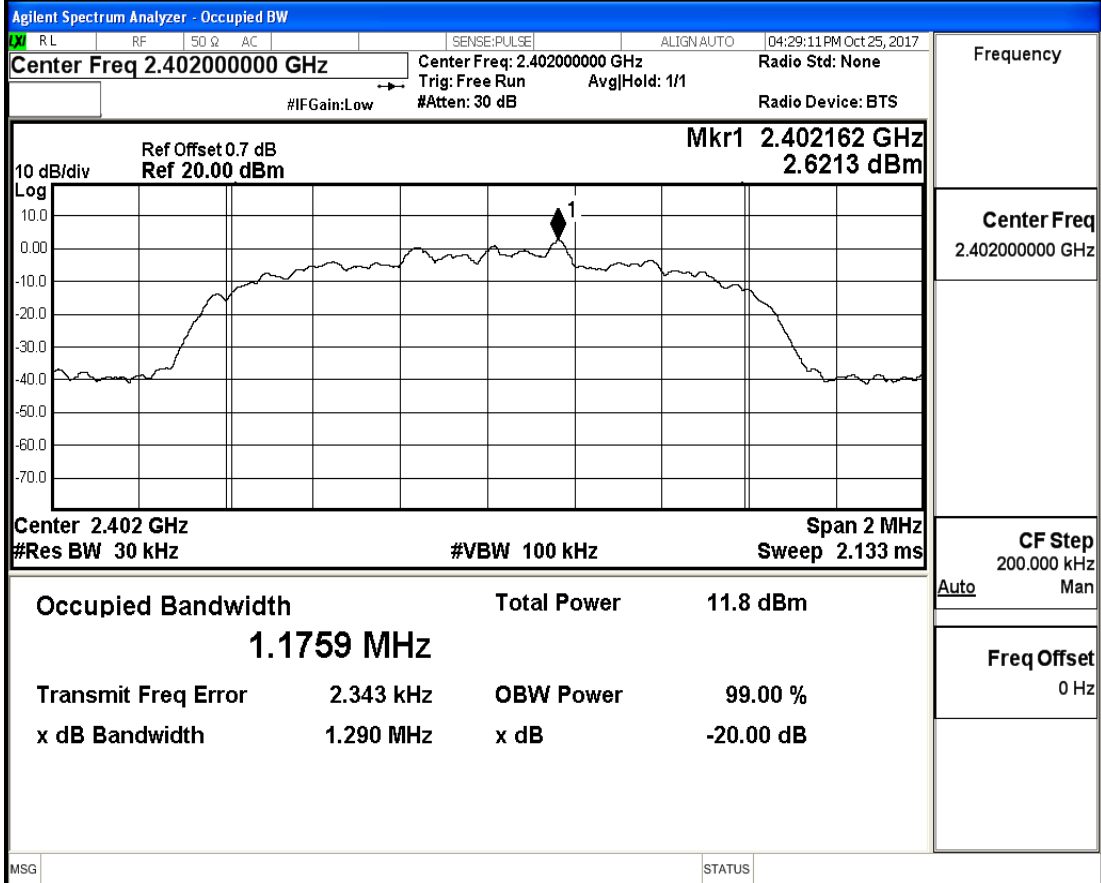
## 20 dB Bandwidth\_2DH5\_2441



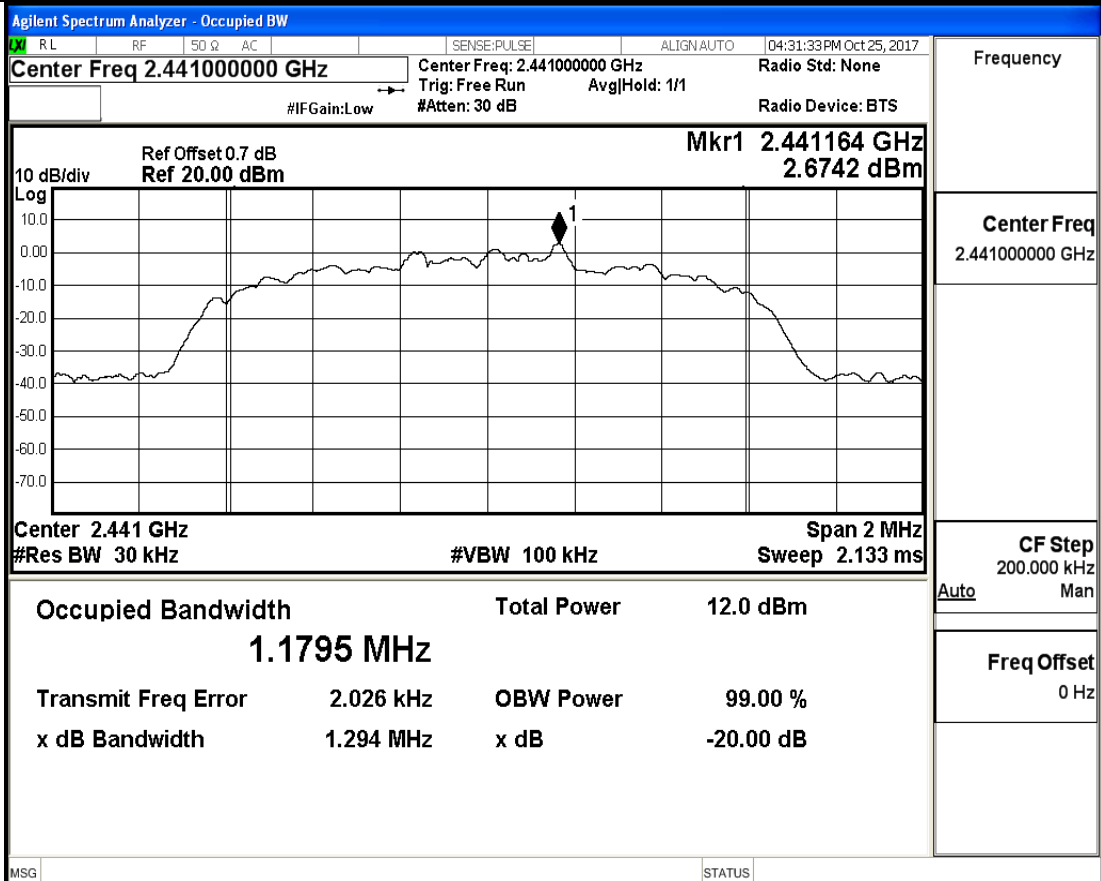
## 20 dB Bandwidth\_2DH5\_2480



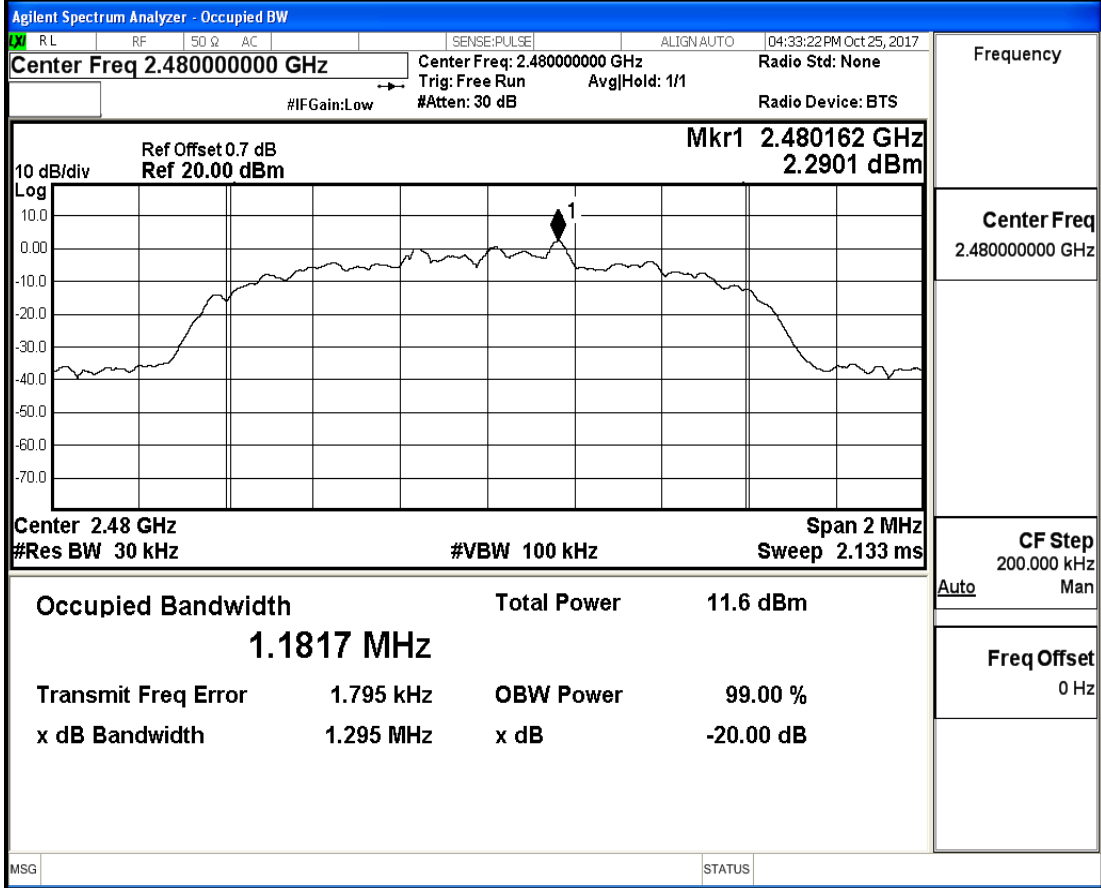
## 20 dB Bandwidth\_3DH5\_2402



## 20 dB Bandwidth\_3DH5\_2441



20 dB Bandwidth\_3DH5\_2480



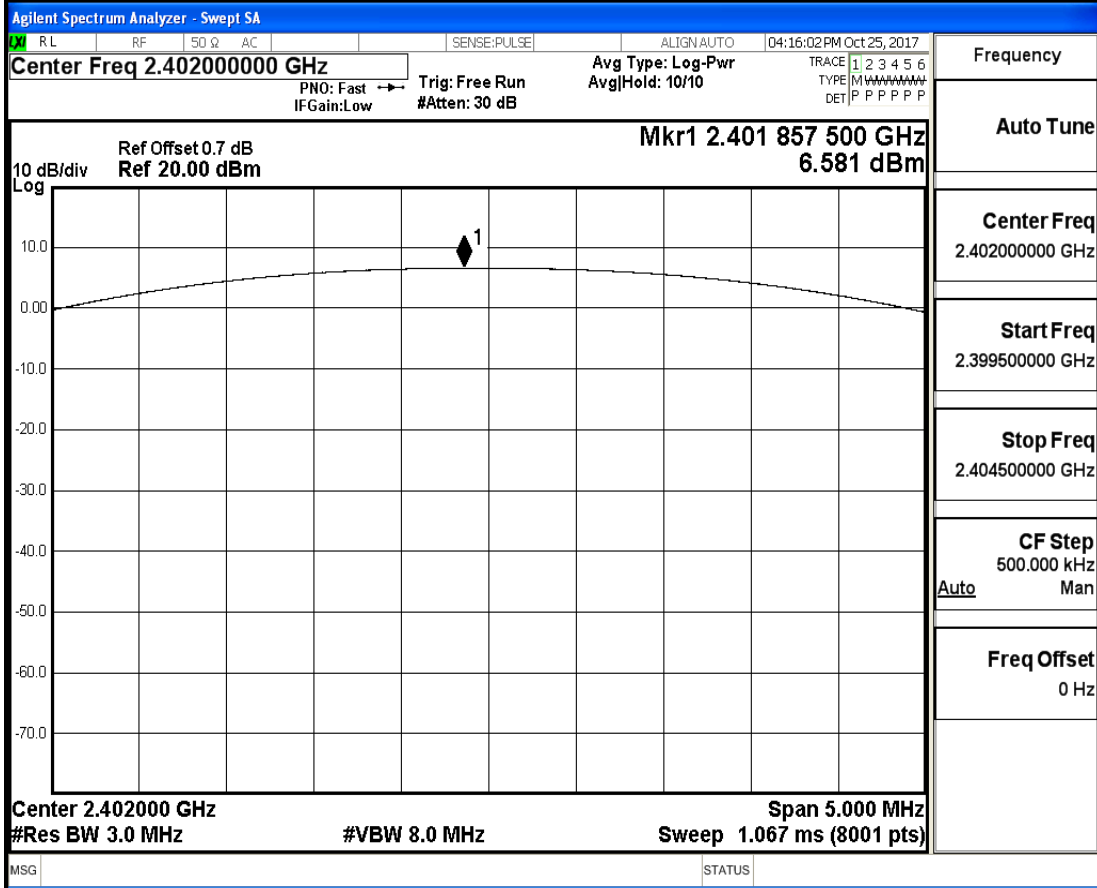
**2.Occupied Bandwidth**

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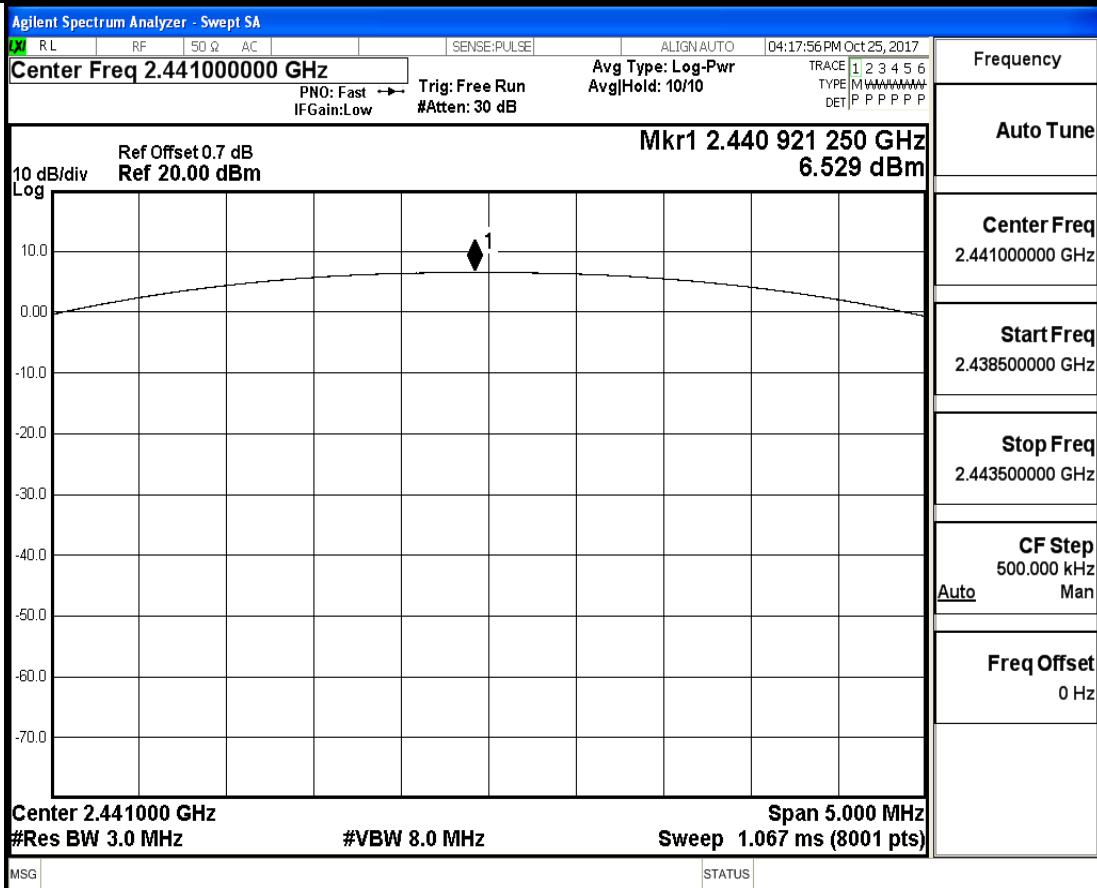
**3.Conducted Peak Output Power**

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
DH5	2402	6.581	30	PASS
DH5	2441	6.529	30	PASS
DH5	2480	5.855	30	PASS
2DH5	2402	5.706	30	PASS
2DH5	2441	5.753	30	PASS
2DH5	2480	5.167	30	PASS
3DH5	2402	5.844	30	PASS
3DH5	2441	5.895	30	PASS
3DH5	2480	5.302	30	PASS

## Conducted Peak Output Power\_DH5\_2402

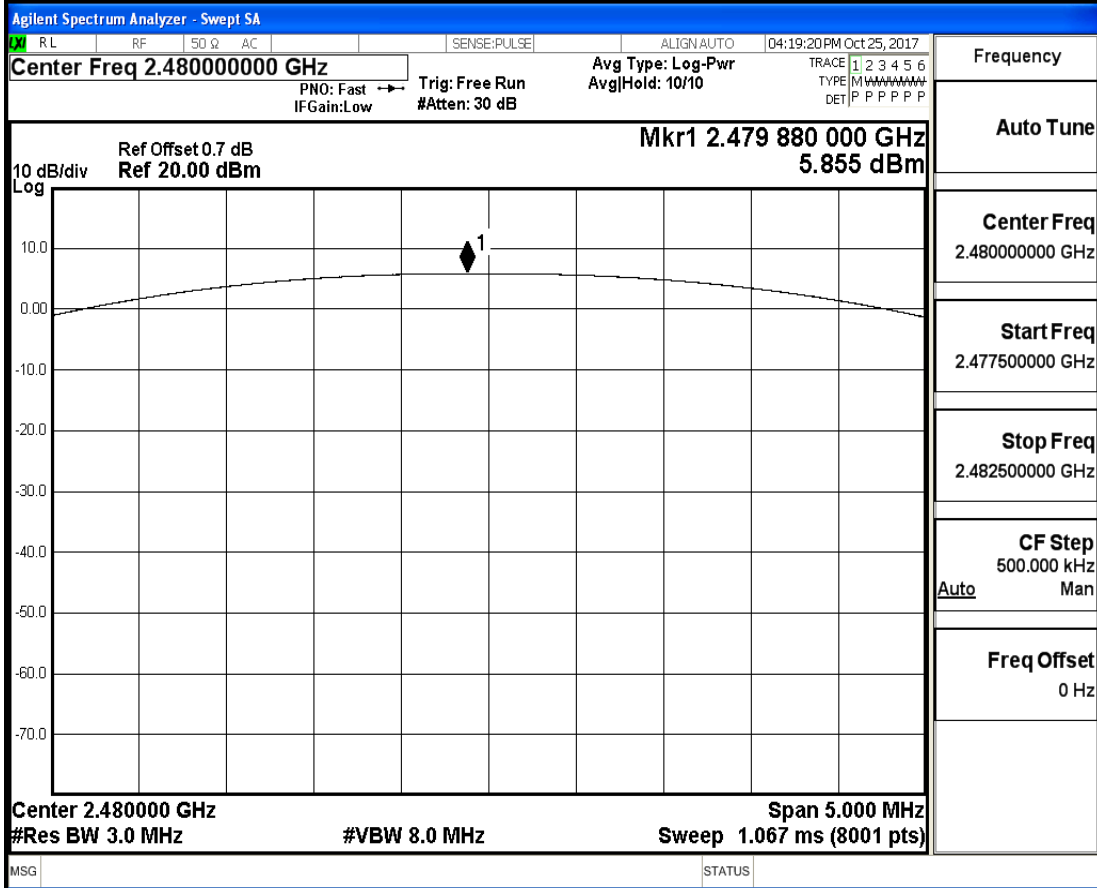


## Conducted Peak Output Power\_DH5\_2441

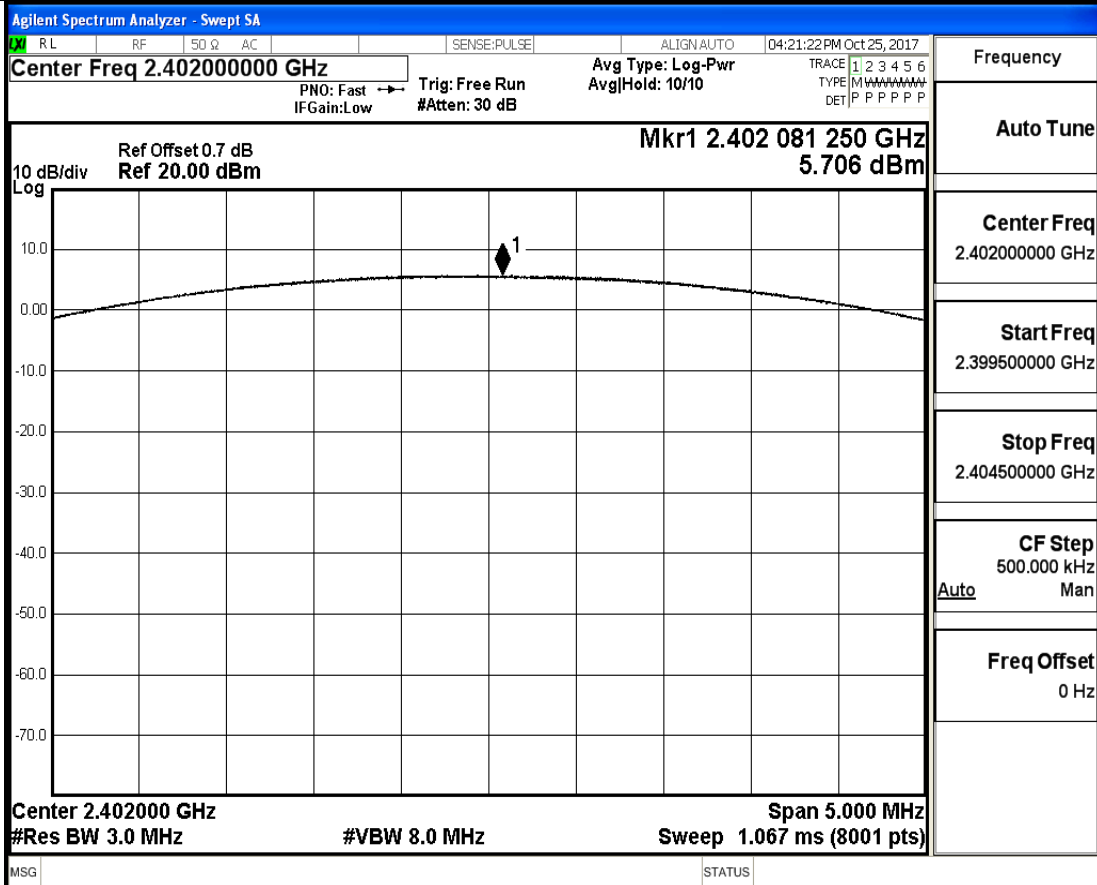




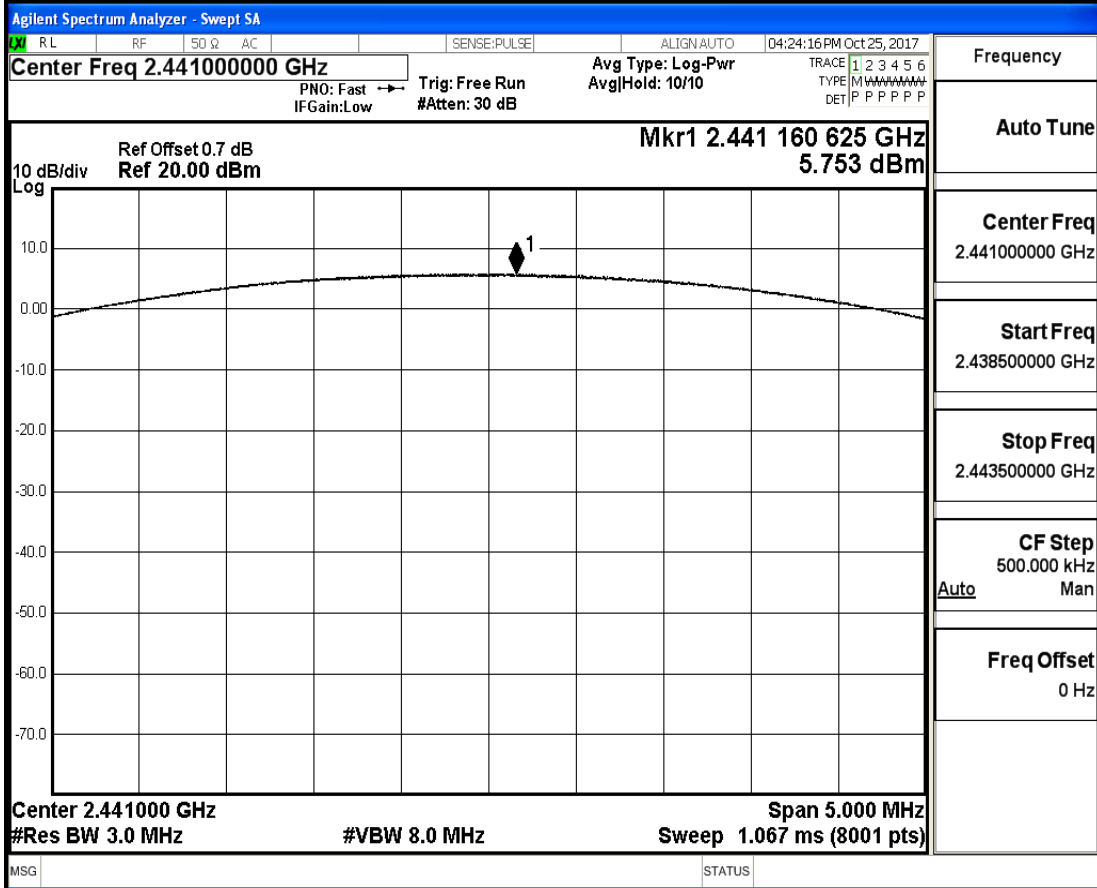
## Conducted Peak Output Power\_DH5\_2480



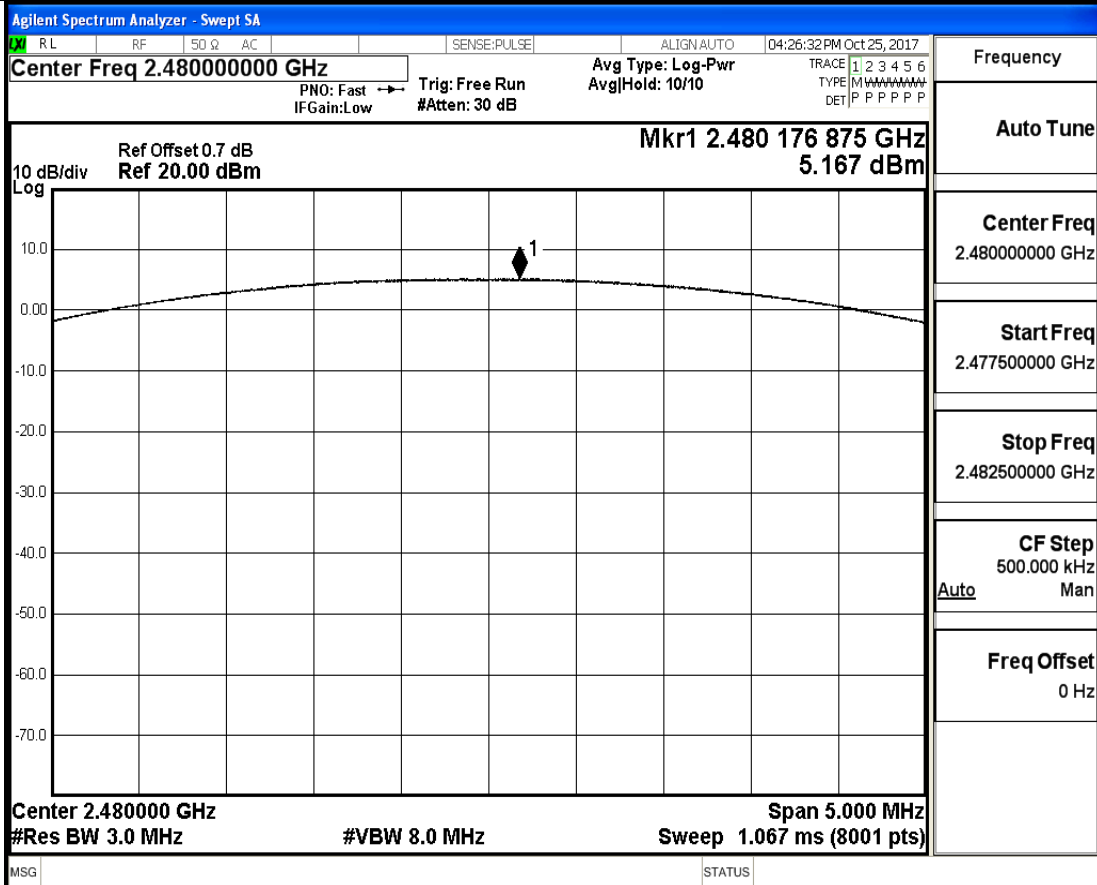
## Conducted Peak Output Power\_2DH5\_2402



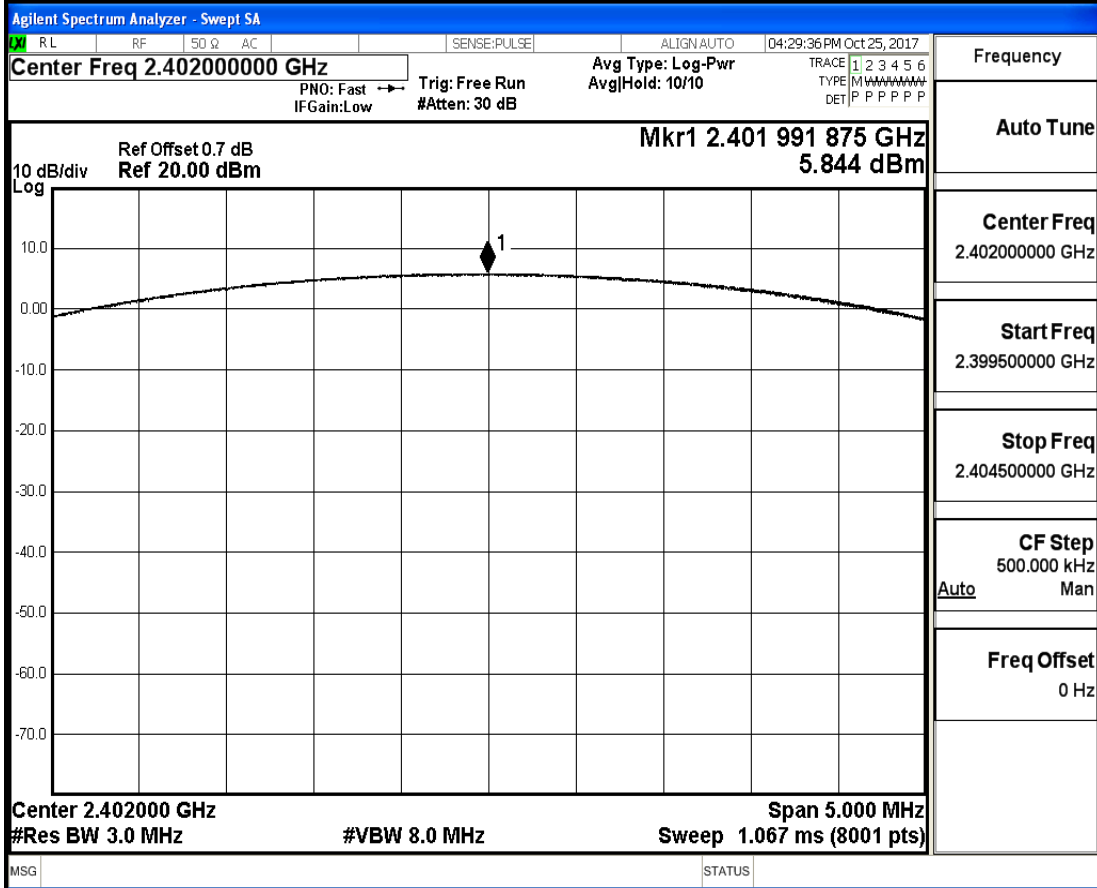
Conducted Peak Output Power\_2DH5\_2441



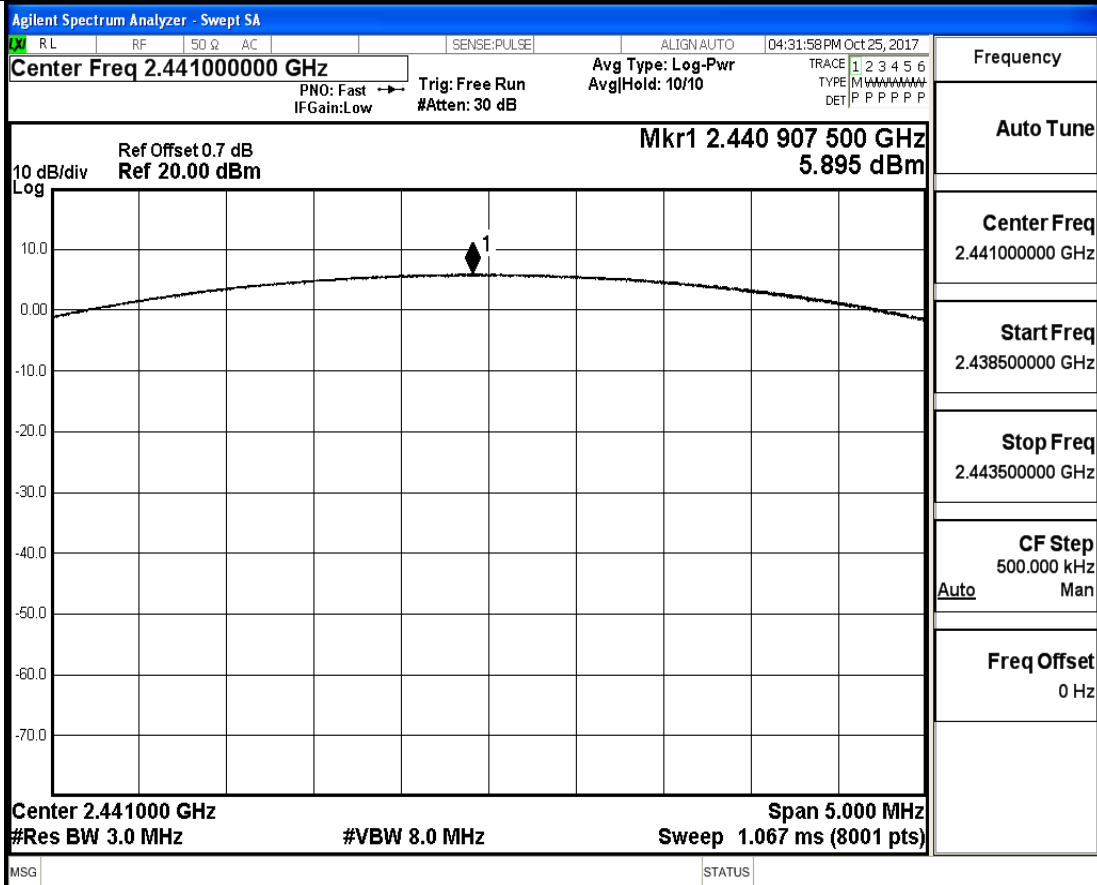
Conducted Peak Output Power\_2DH5\_2480



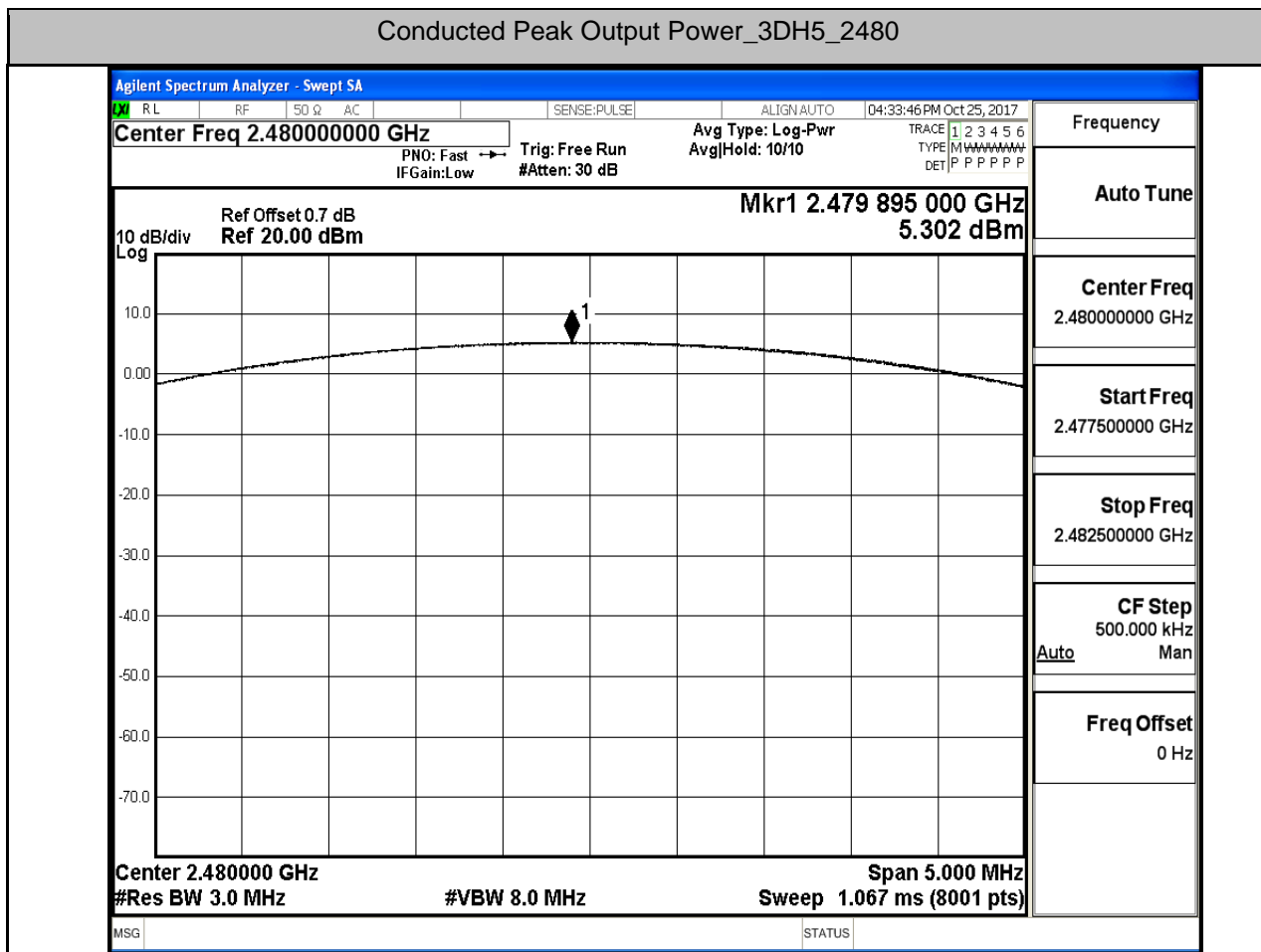
## Conducted Peak Output Power\_3DH5\_2402



## Conducted Peak Output Power\_3DH5\_2441



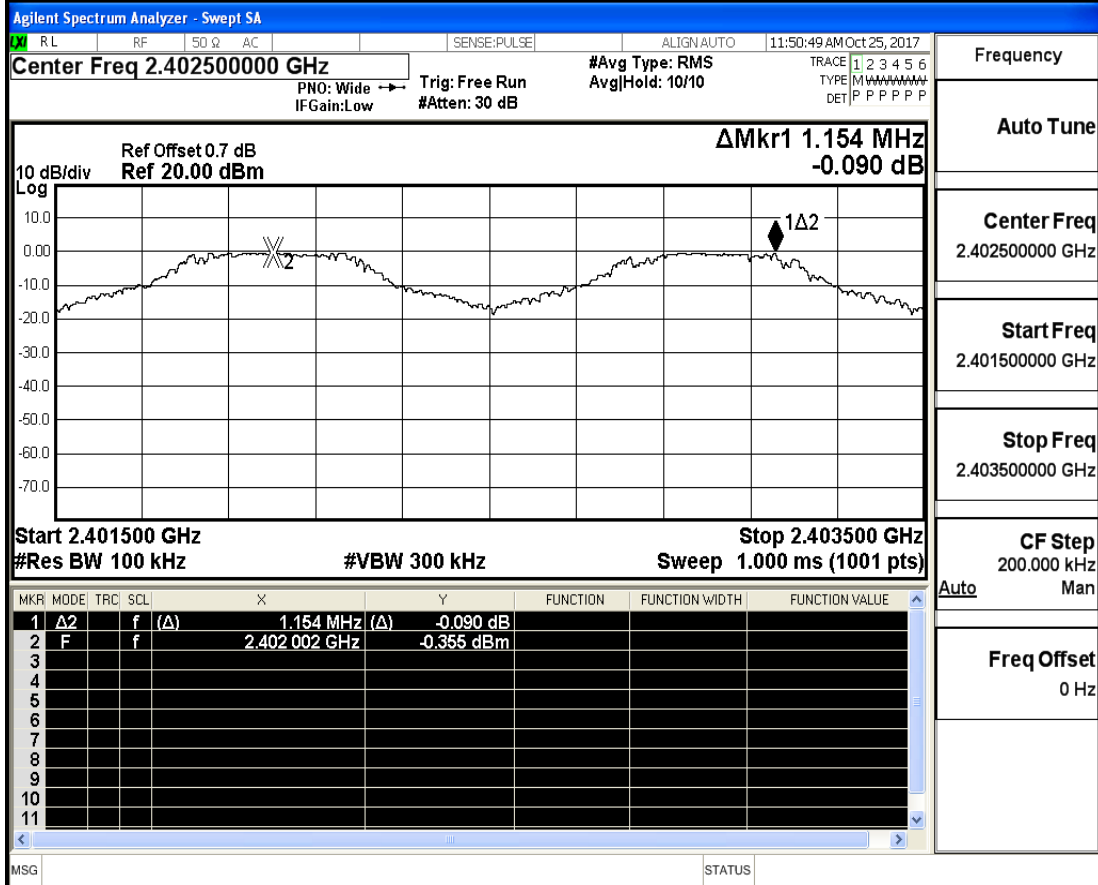
## Conducted Peak Output Power\_3DH5\_2480



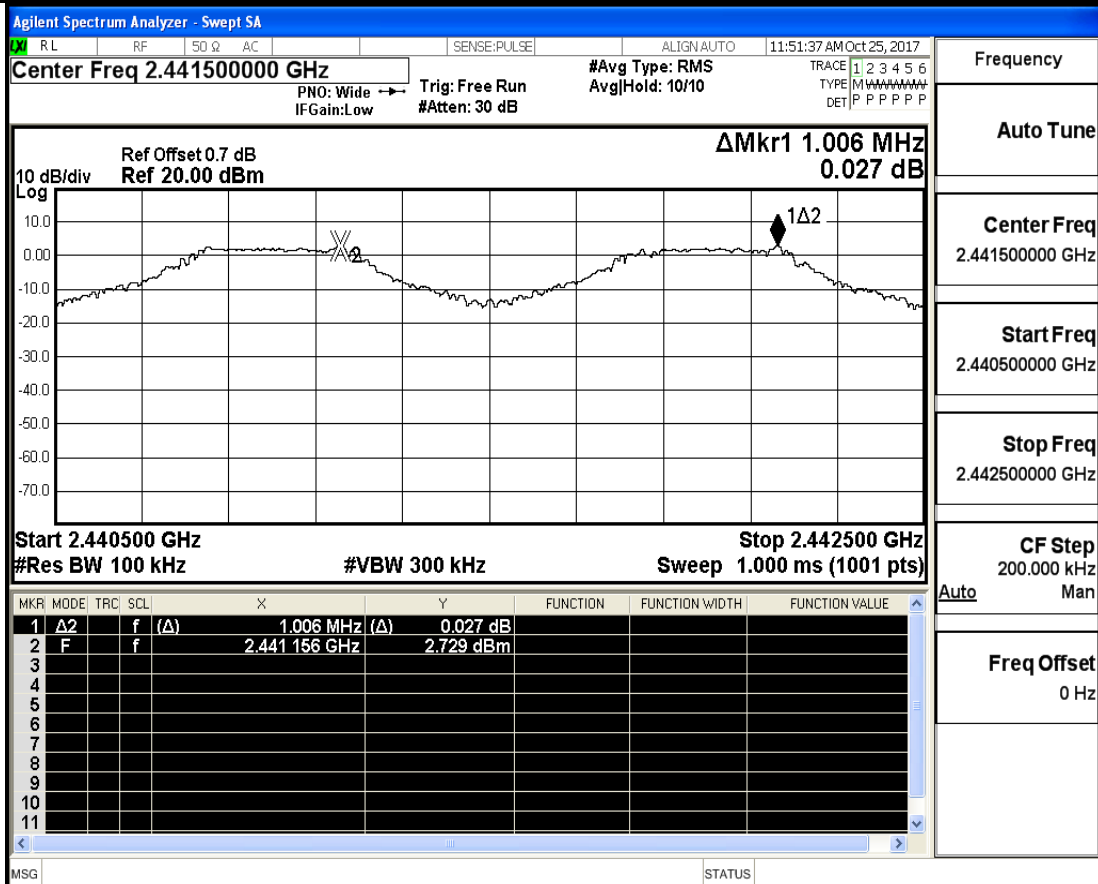
**4.Carrier Frequency Separation**

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	2402	1.154	0.689	PASS
DH5	2441	1.006	0.689	PASS
DH5	2480	1.116	0.687	PASS
2DH5	2402	0.972	0.859	PASS
2DH5	2441	1.314	0.859	PASS
2DH5	2480	1.020	0.861	PASS
3DH5	2402	0.980	0.860	PASS
3DH5	2441	0.980	0.863	PASS
3DH5	2480	1.168	0.863	PASS

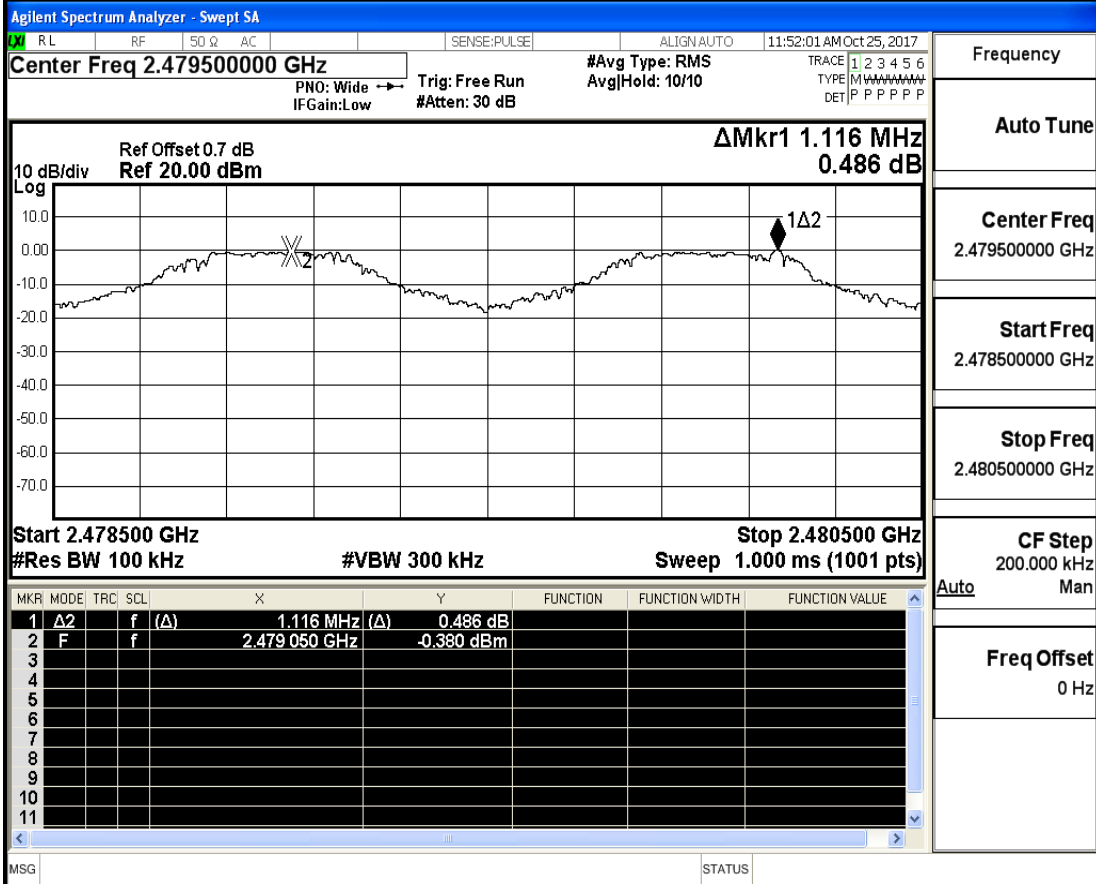
## Carrier Frequency Separation\_DH5\_2402



## Carrier Frequency Separation\_DH5\_2441



## Carrier Frequency Separation\_DH5\_2480



Frequency

Auto Tune

Center Freq  
2.479500000 GHz

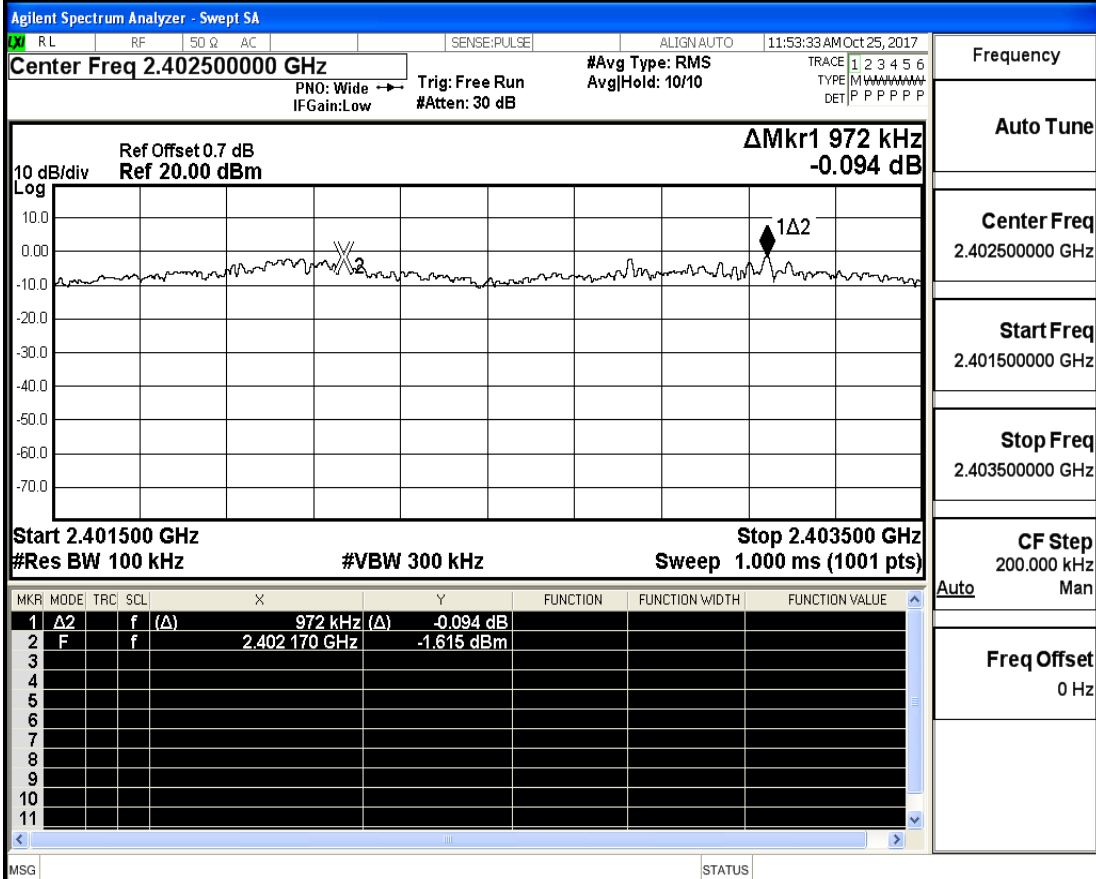
Start Freq  
2.478500000 GHz

Stop Freq  
2.480500000 GHz

CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz

## Carrier Frequency Separation\_2DH5\_2402



Frequency

Auto Tune

Center Freq  
2.402500000 GHz

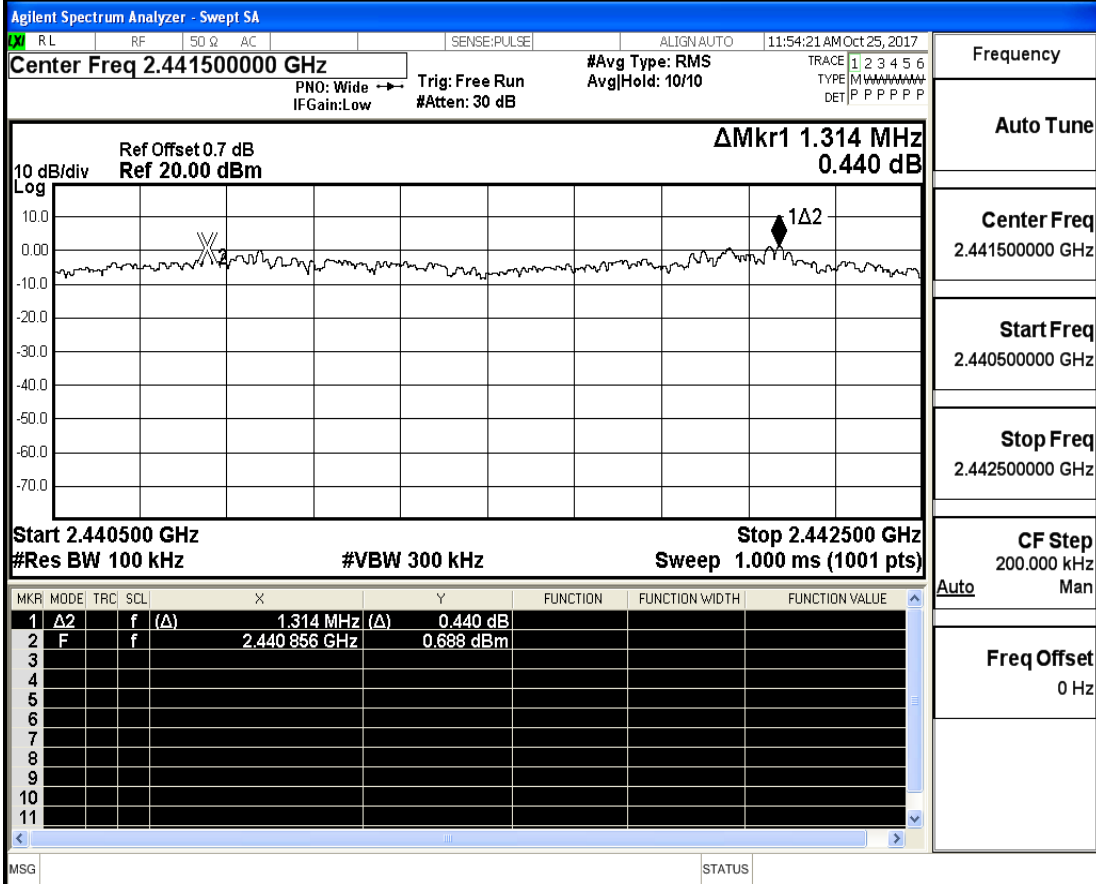
Start Freq  
2.401500000 GHz

Stop Freq  
2.403500000 GHz

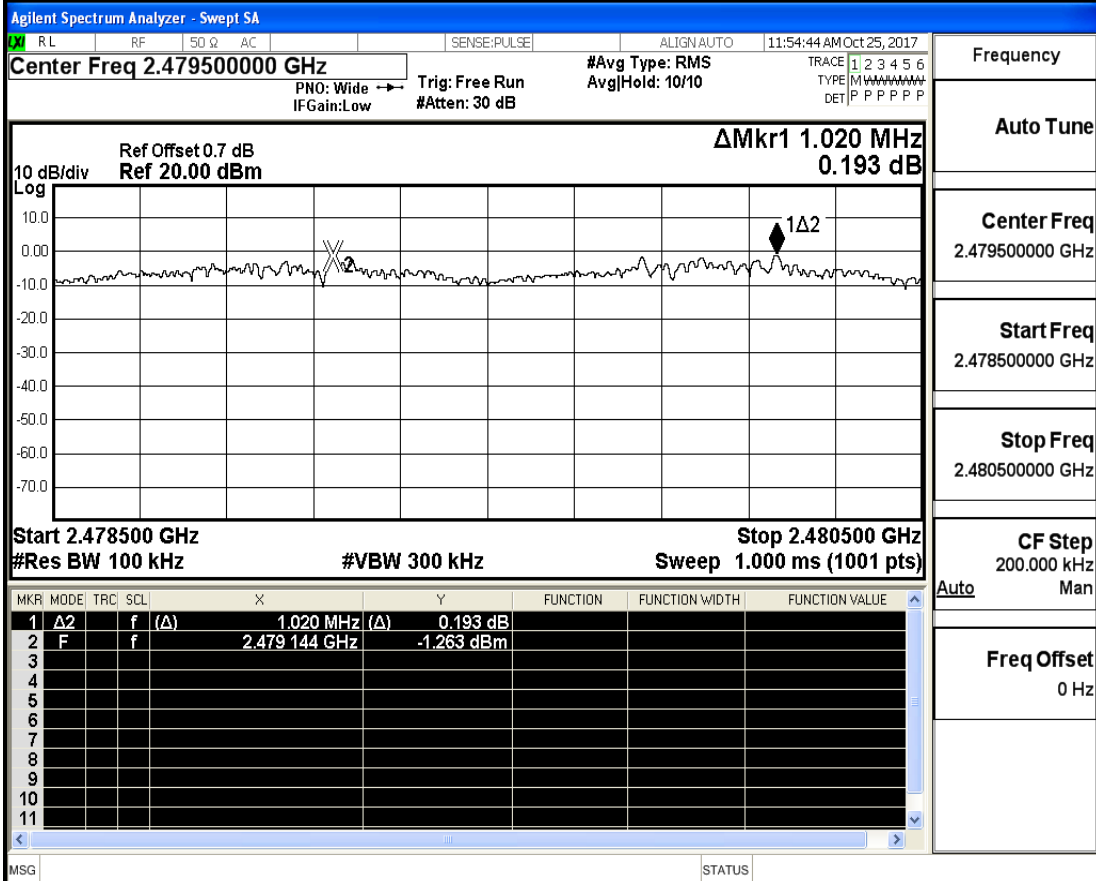
CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz

## Carrier Frequency Separation\_2DH5\_2441

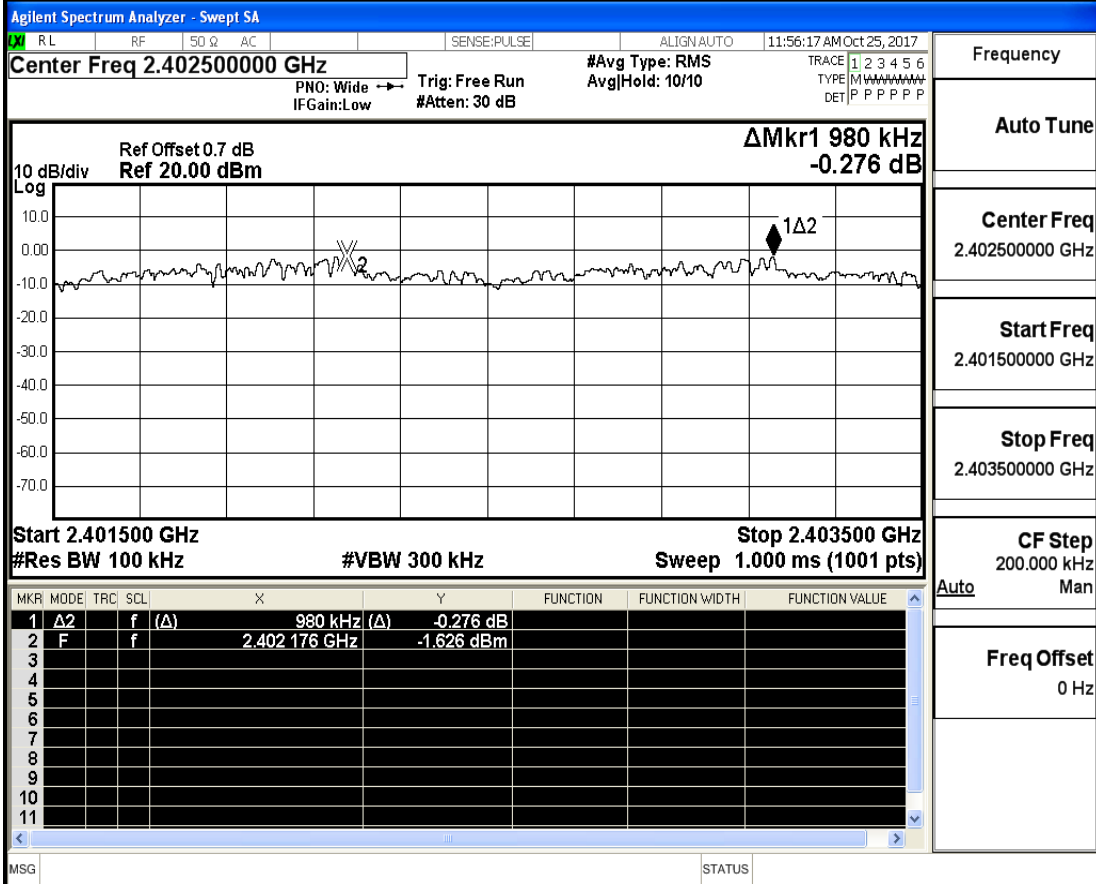


## Carrier Frequency Separation\_2DH5\_2480

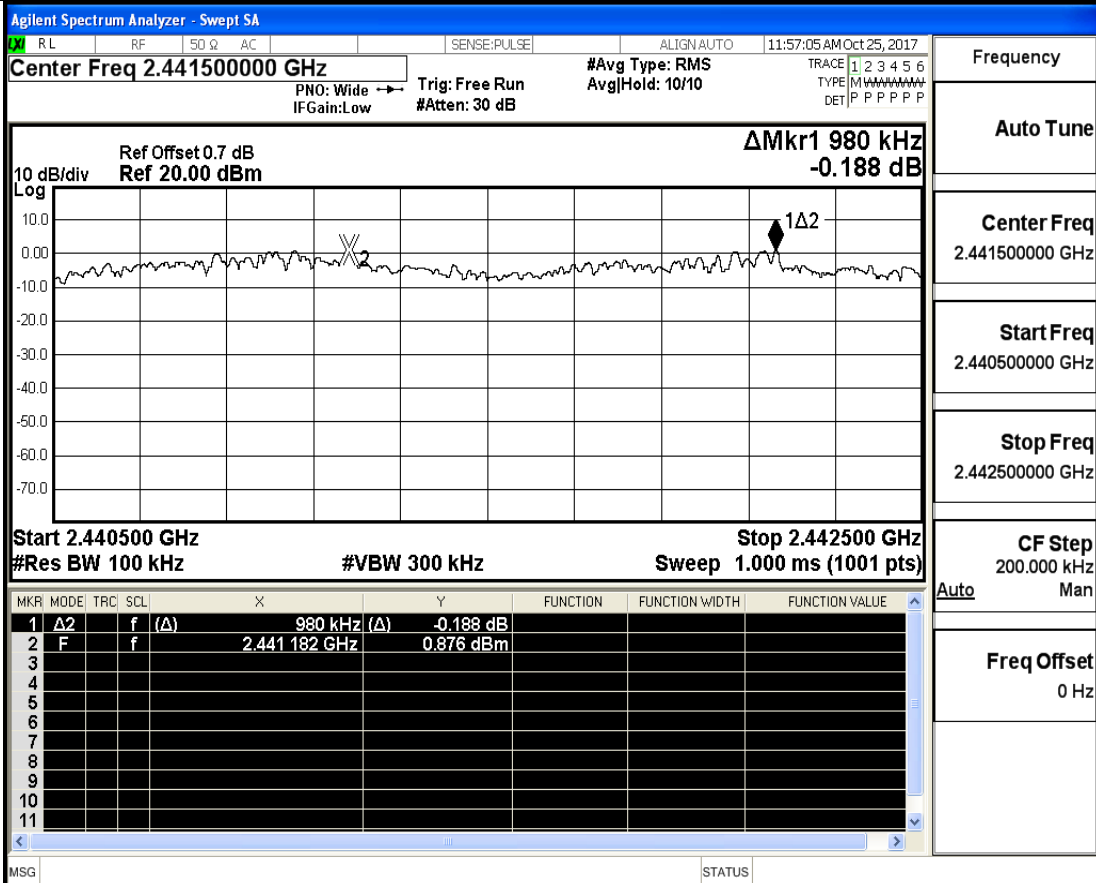


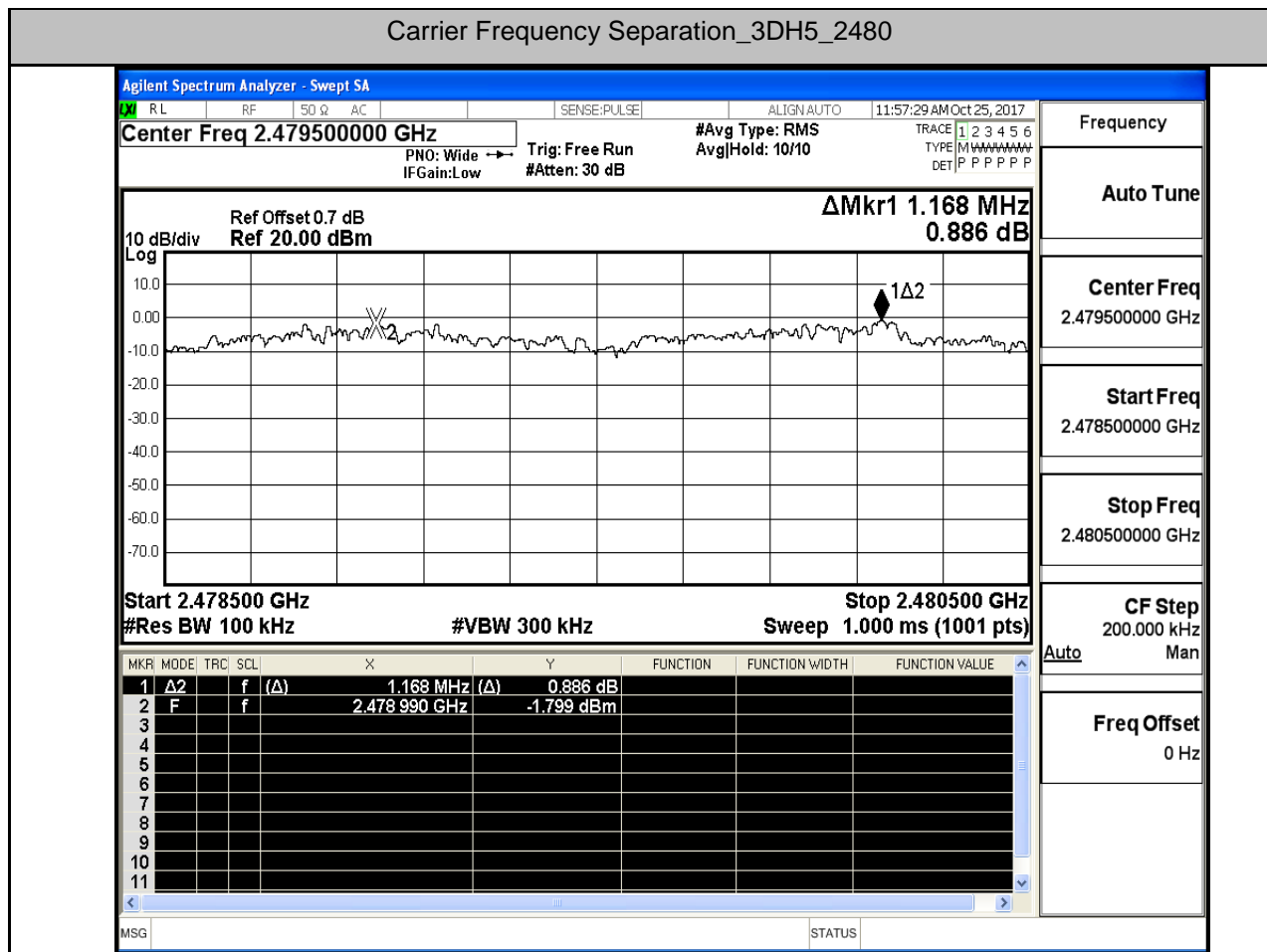


## Carrier Frequency Separation\_3DH5\_2402



## Carrier Frequency Separation\_3DH5\_2441

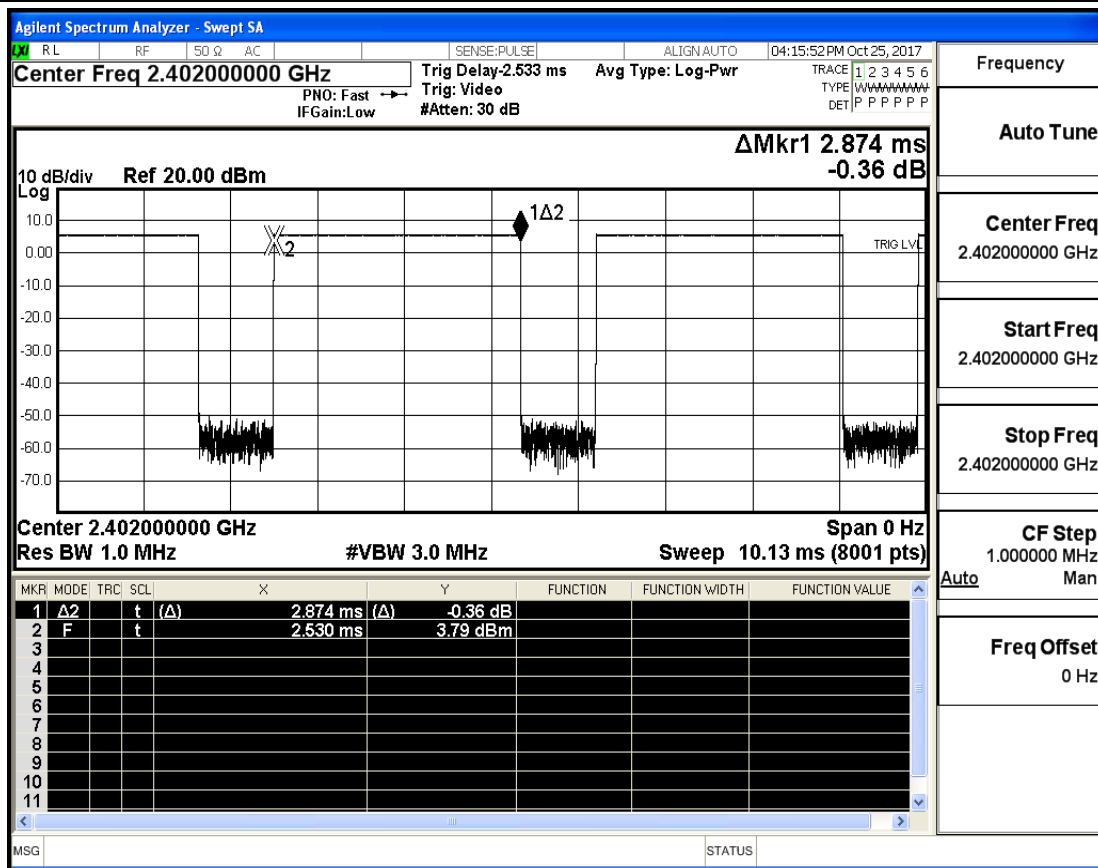




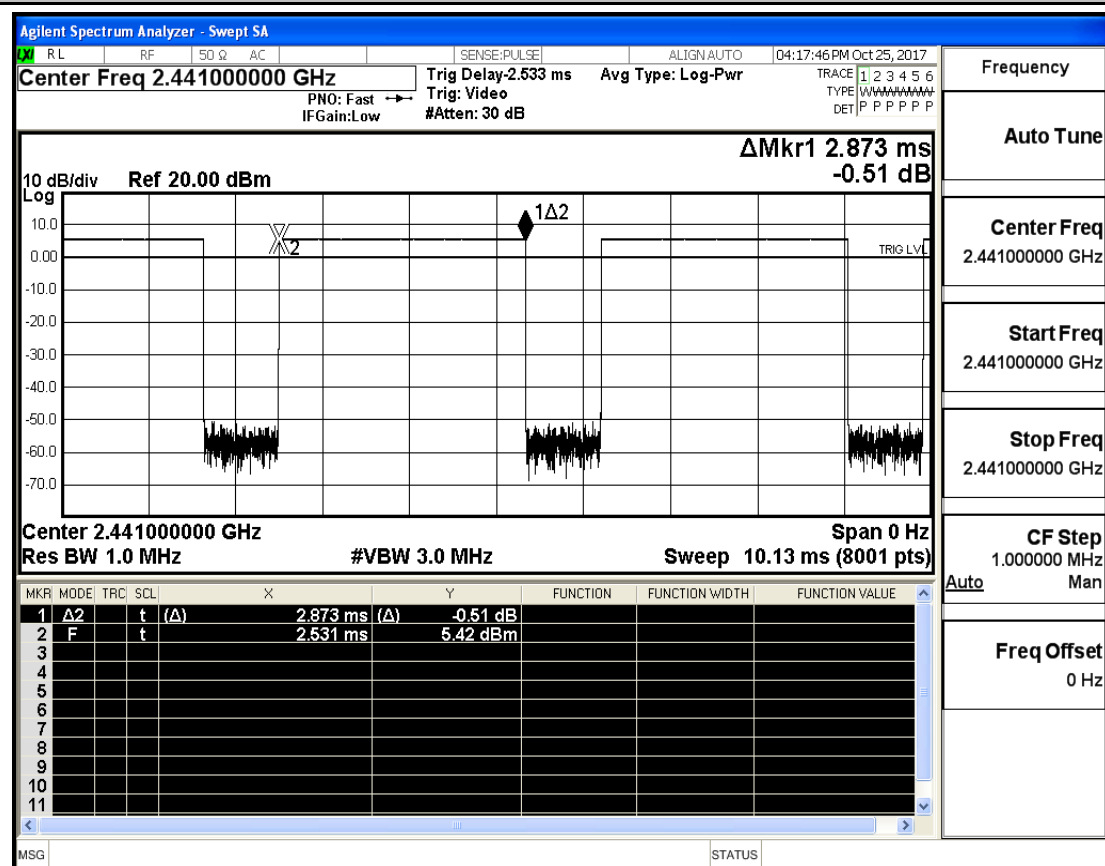
**5.Dwell Time**

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	2.83	106.7	0.302	0.4	PASS
2DH5	2441	2.83	106.7	0.302	0.4	PASS
2DH5	2480	2.83	106.7	0.302	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

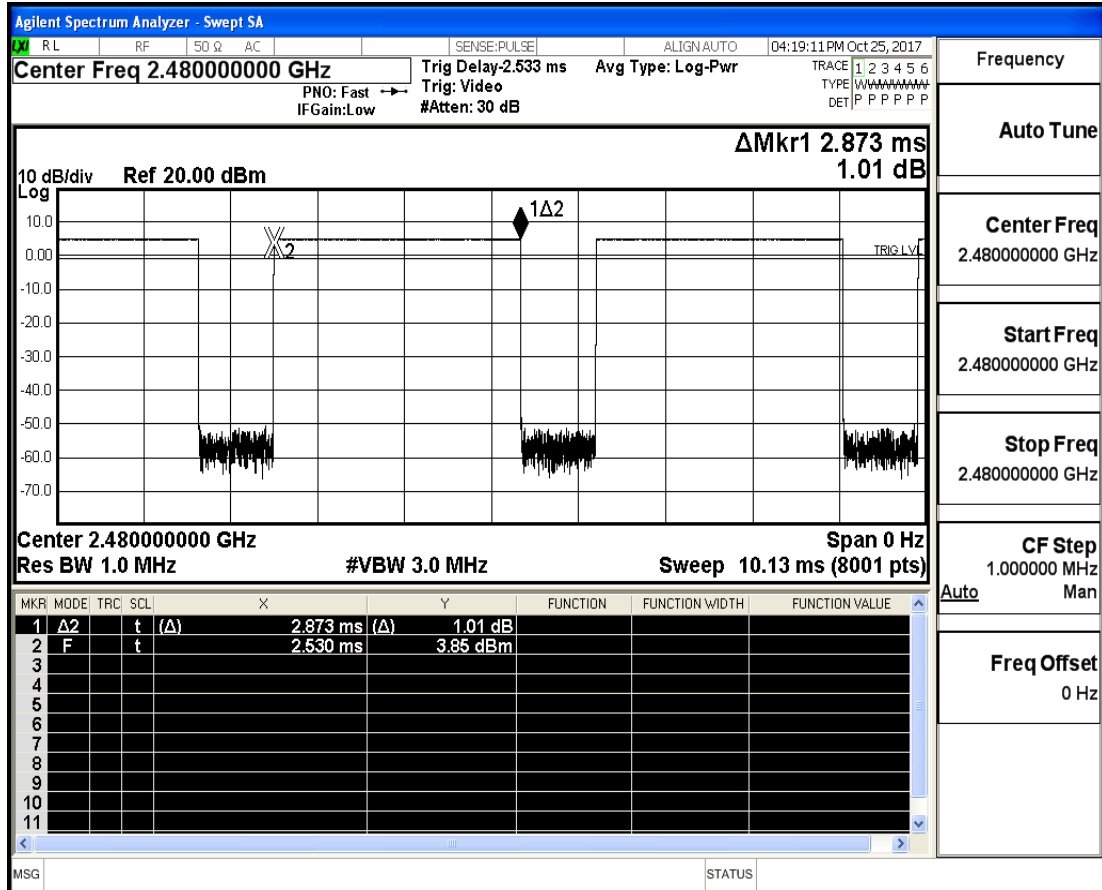
## Dwell Time\_DH5\_2402



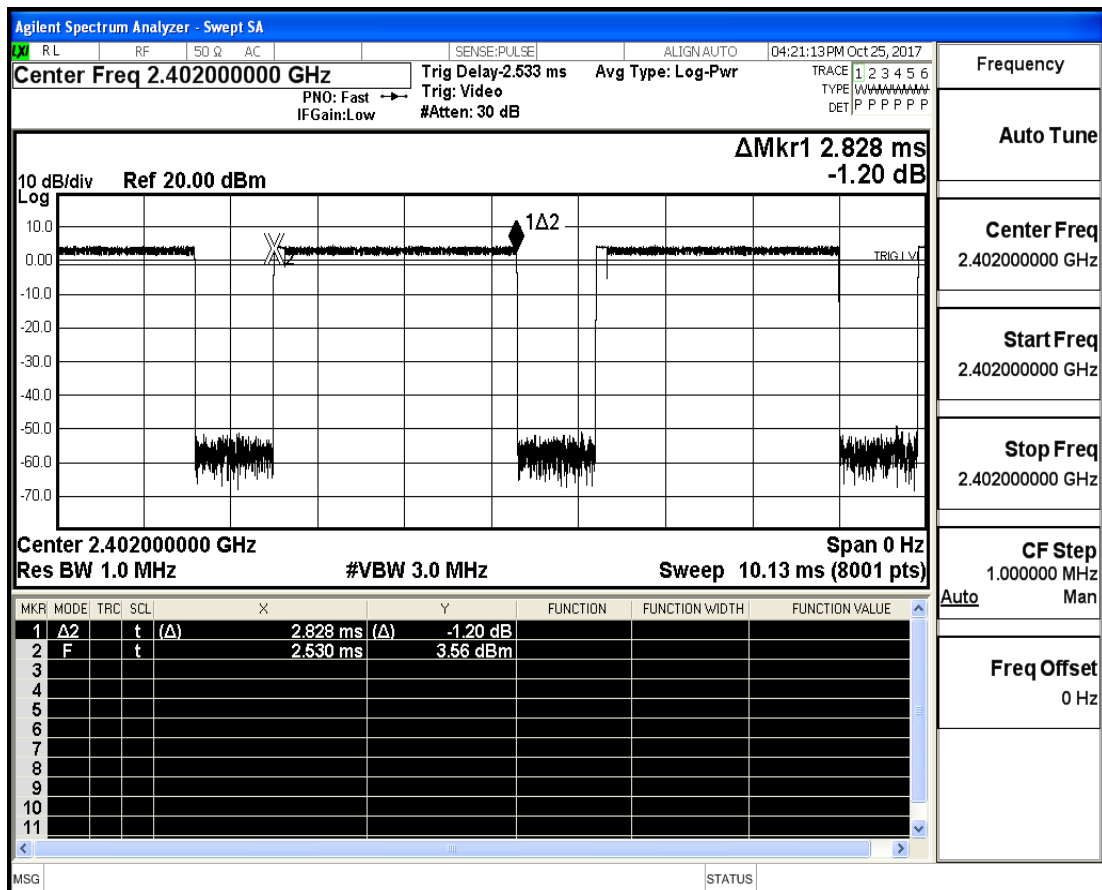
## Dwell Time\_DH5\_2441



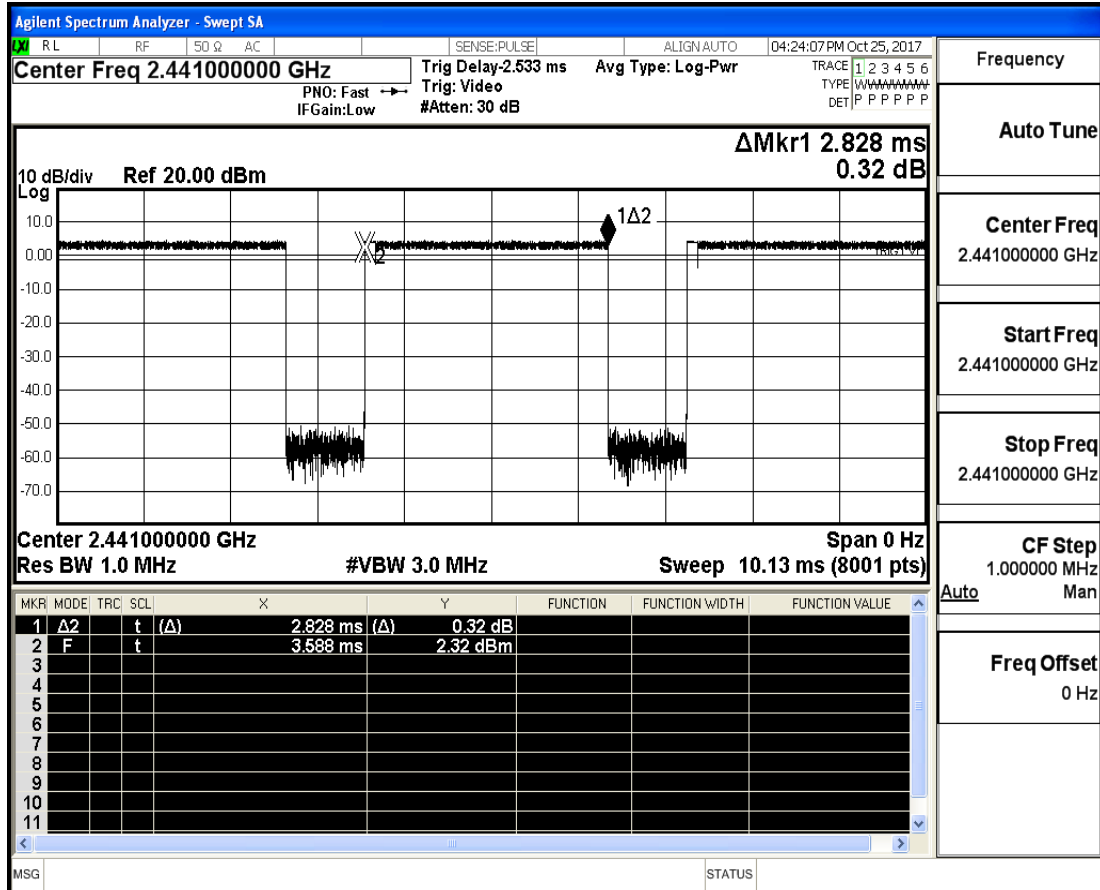
## Dwell Time\_DH5\_2480



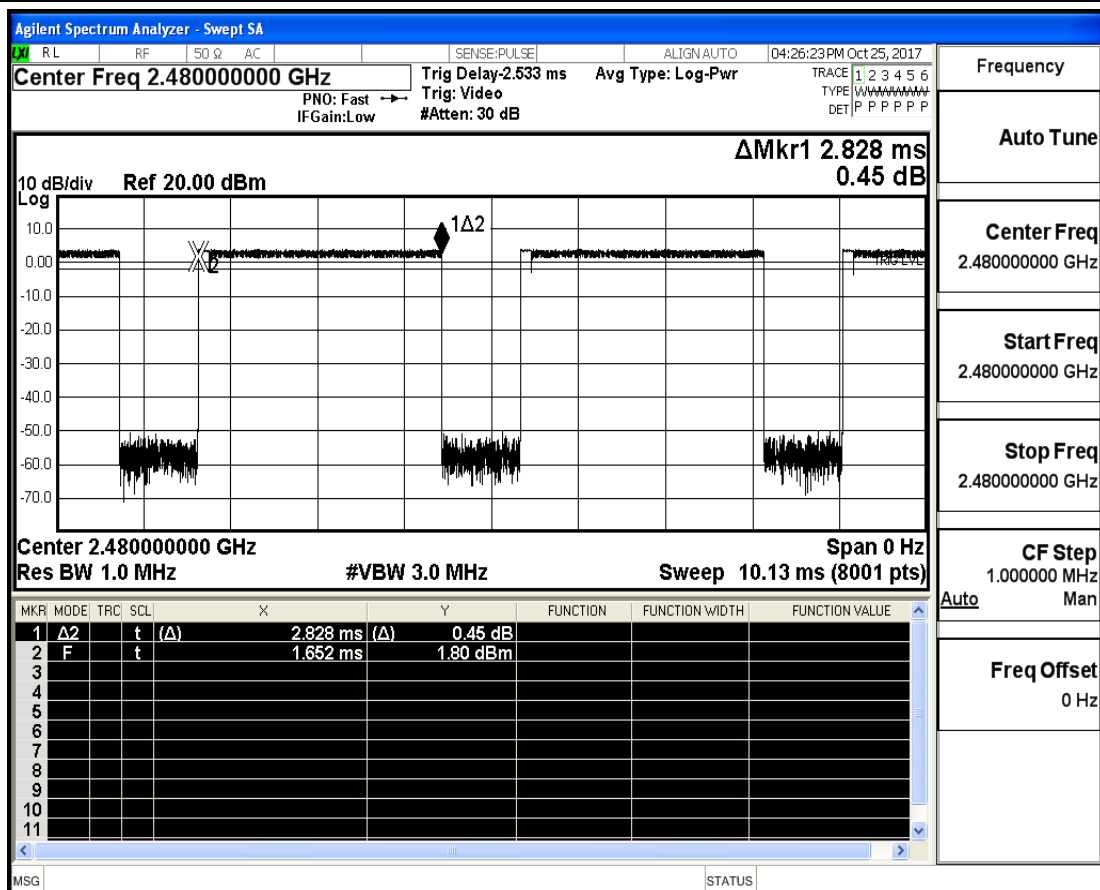
## Dwell Time\_2DH5\_2402



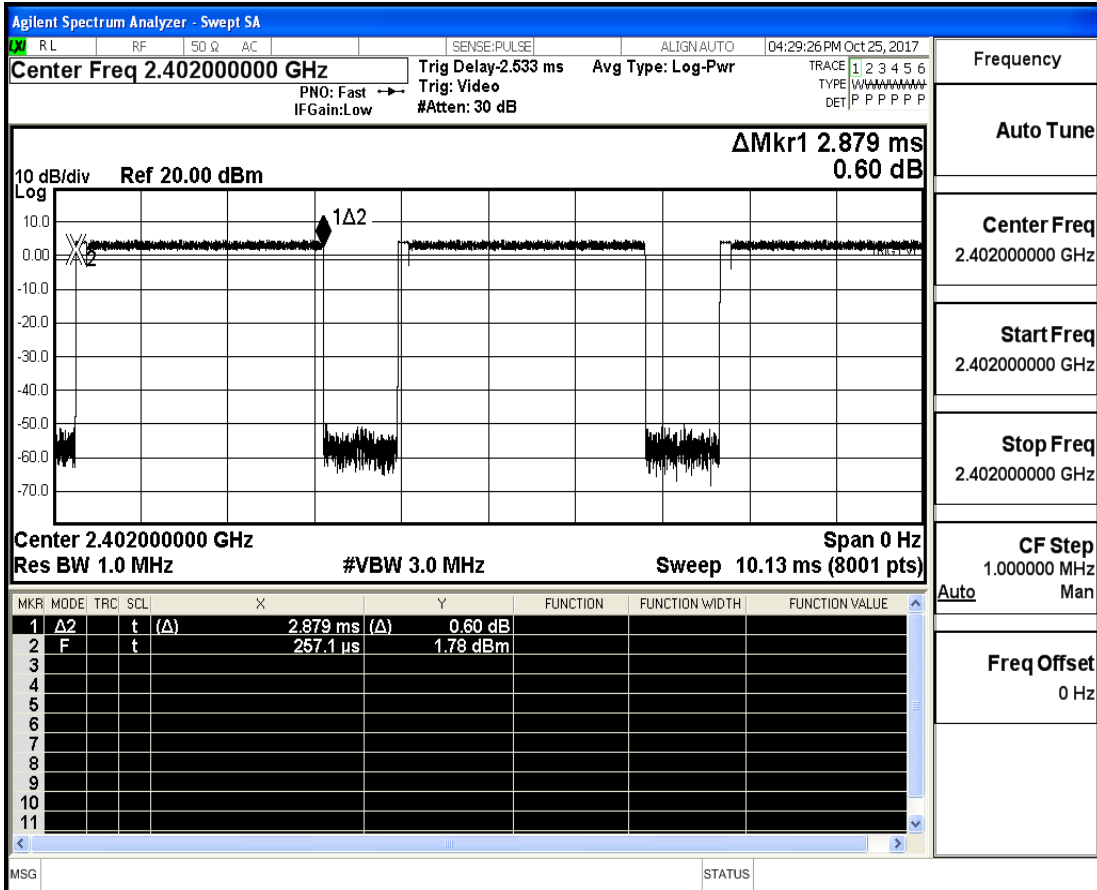
## Dwell Time\_2DH5\_2441



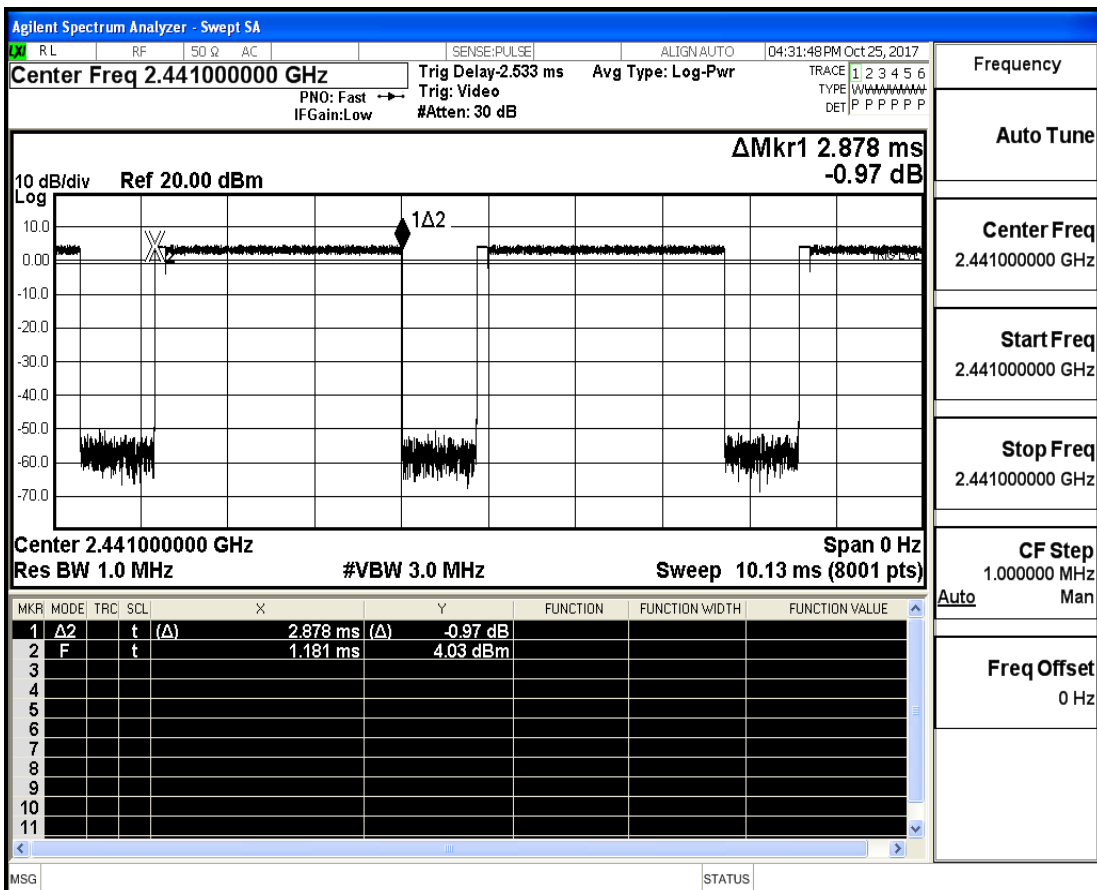
## Dwell Time\_2DH5\_2480



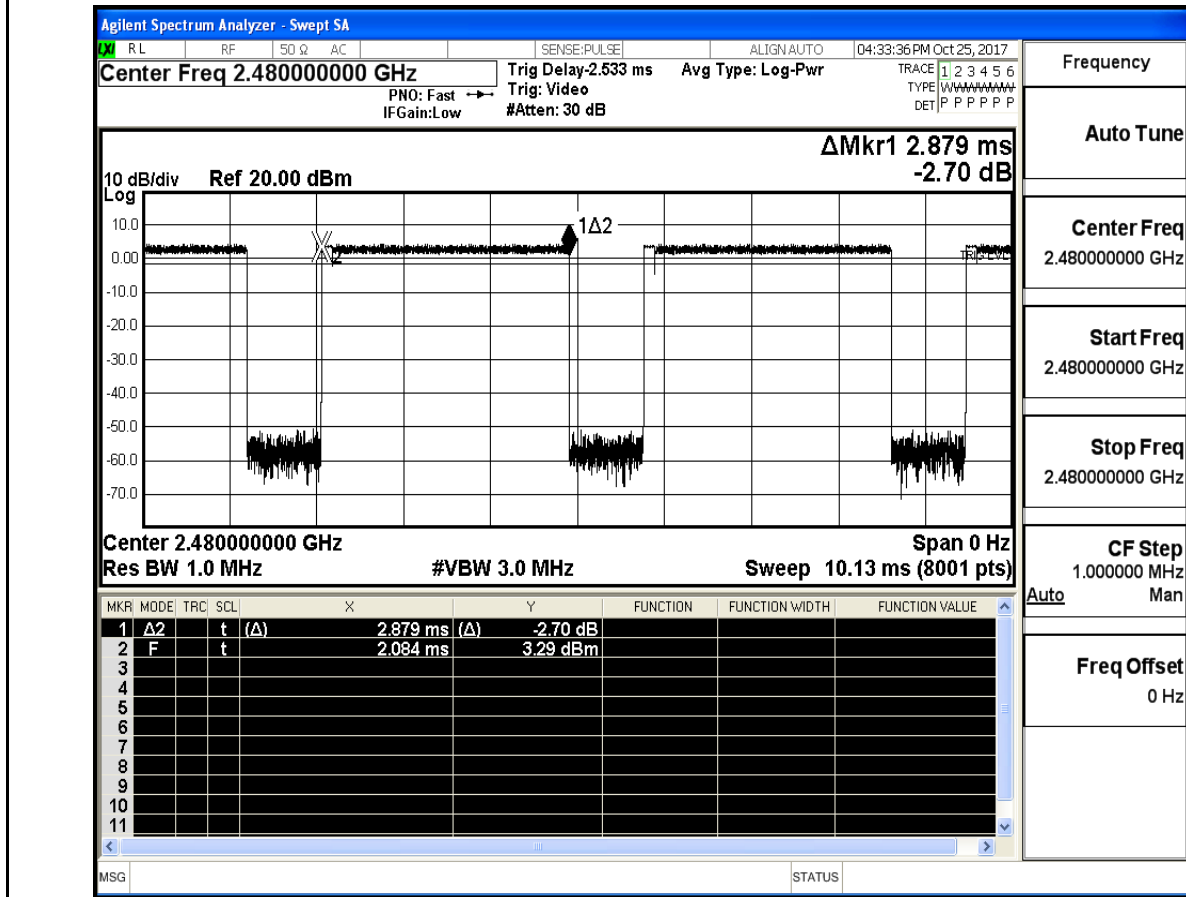
Dwell Time\_3DH5\_2402



Dwell Time\_3DH5\_2441



Dwell Time\_3DH5\_2480

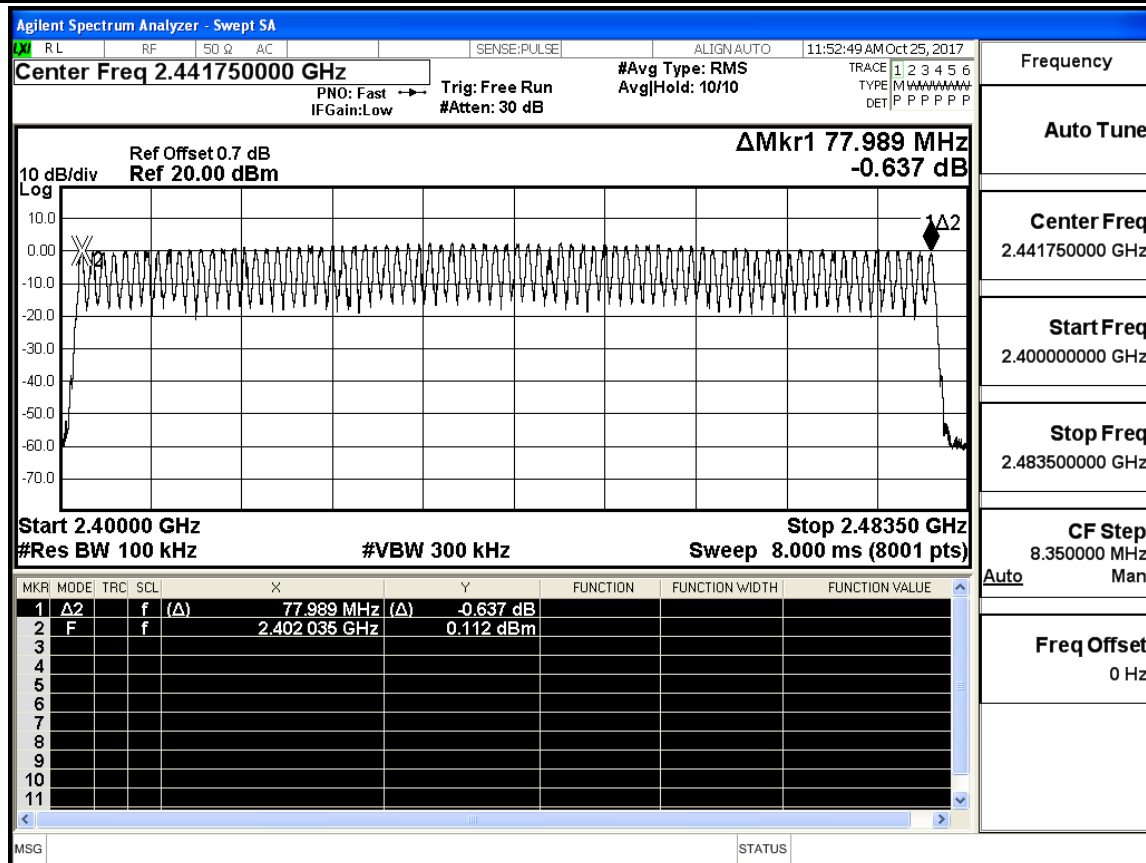




**6.Hopping Channel Number**

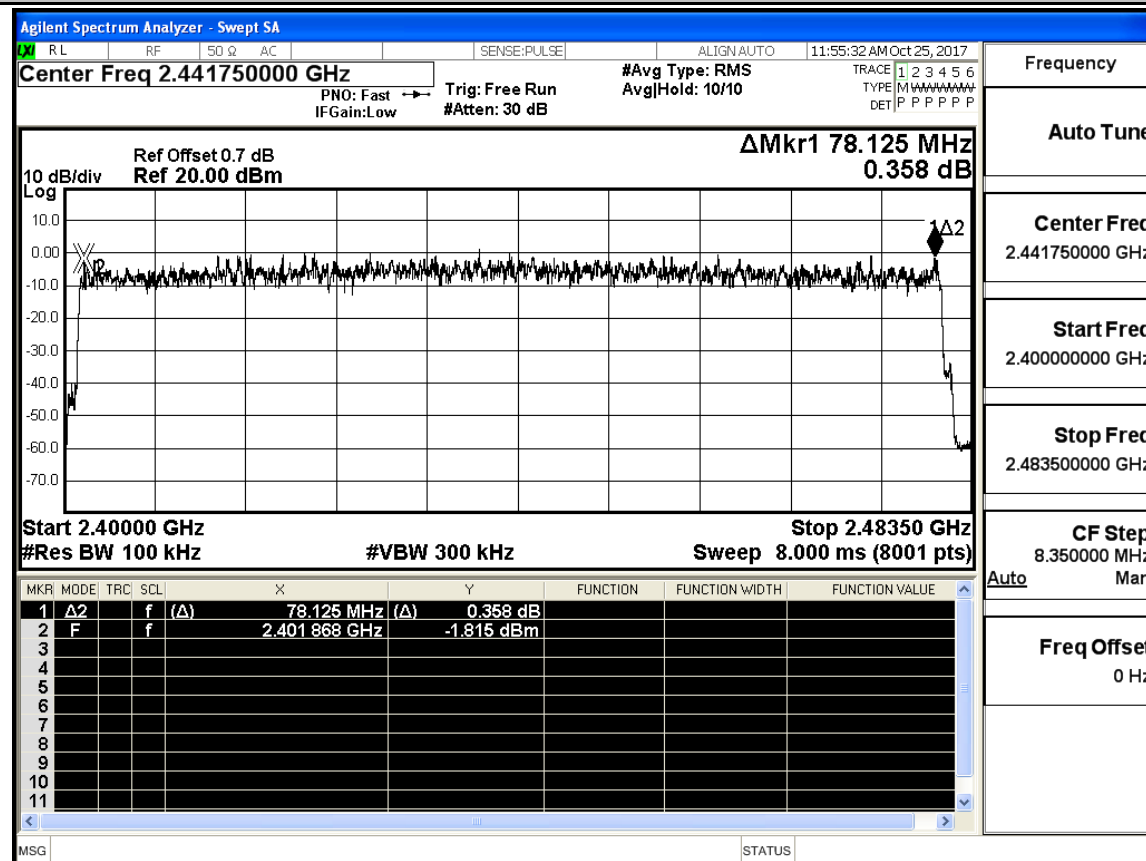
Test Mode	Test Channel	Number of Hopping Channel[N]	Limit[N]	Verdict
DH5	2402	79	>=15	PASS
2DH5	2402	79	>=15	PASS
3DH5	2402	79	>=15	PASS

## Hopping Channel Number\_DH5\_2402



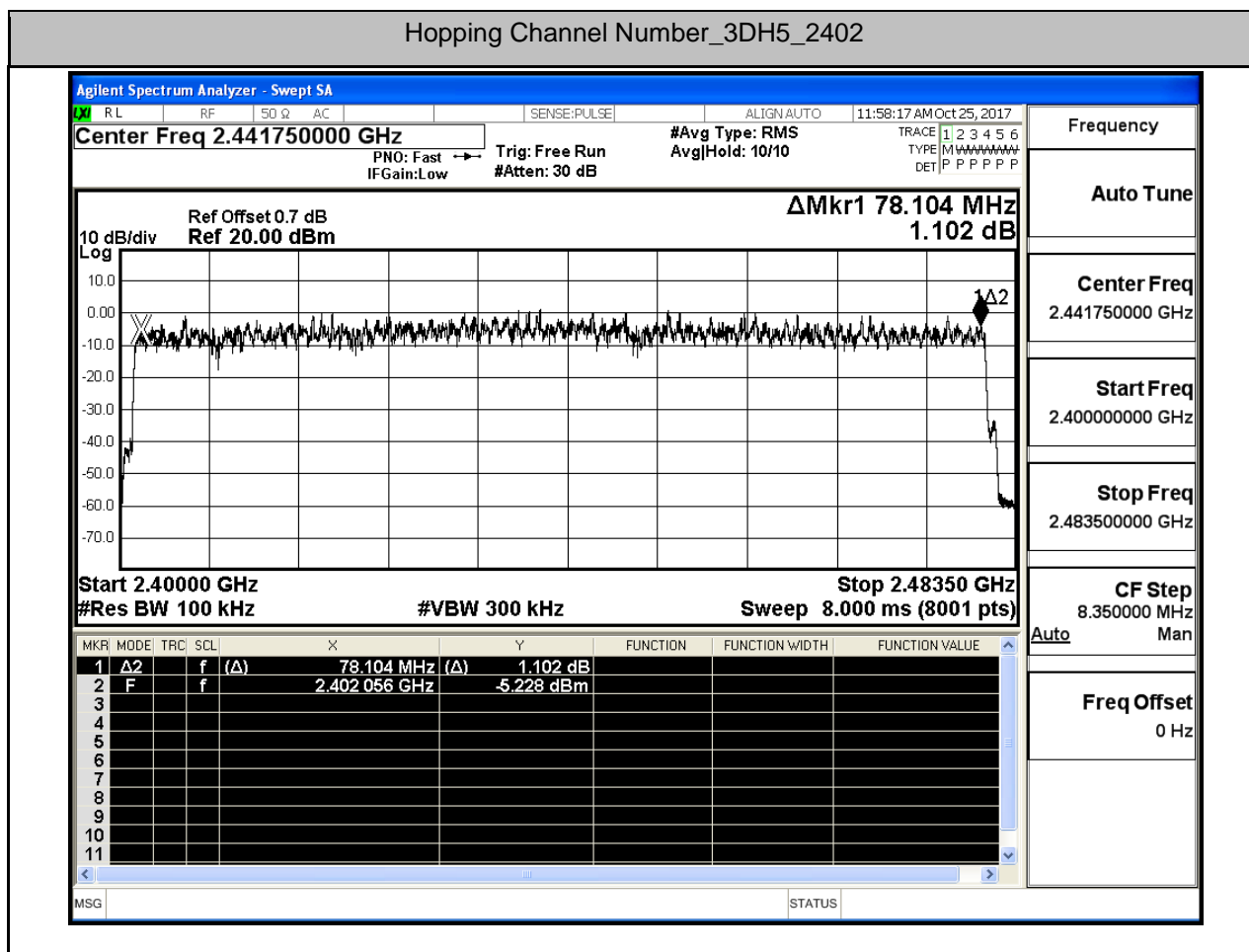
Frequency
Auto Tune
Center Freq 2.441750000 GHz
Start Freq 2.400000000 GHz
Stop Freq 2.483500000 GHz
CF Step 8.350000 MHz Auto Man
Freq Offset 0 Hz

## Hopping Channel Number\_2DH5\_2402



Frequency
Auto Tune
Center Freq 2.441750000 GHz
Start Freq 2.400000000 GHz
Stop Freq 2.483500000 GHz
CF Step 8.350000 MHz Auto Man
Freq Offset 0 Hz

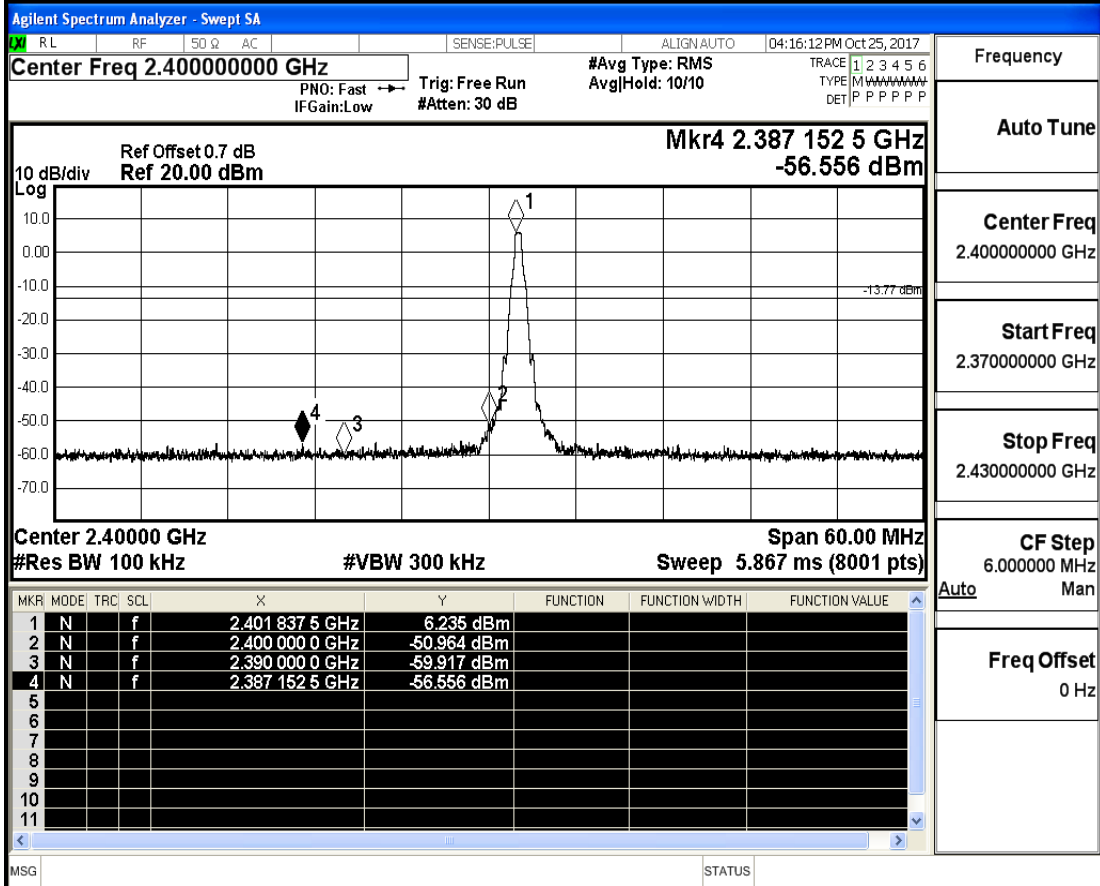
Hopping Channel Number\_3DH5\_2402



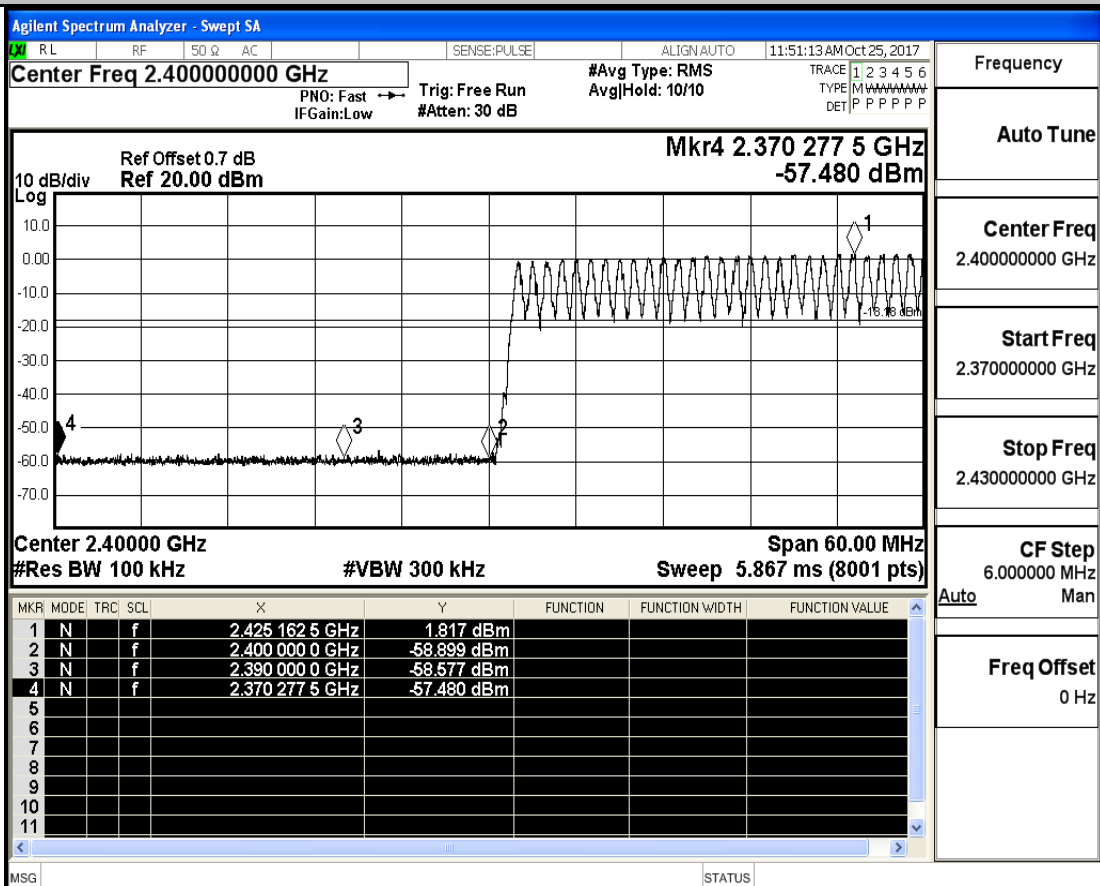
## 7.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
DH5	2402	Off	6.235	-56.556	-13.77	PASS
DH5	2402	On	1.817	-57.480	-18.18	PASS
DH5	2480	Off	5.630	-56.078	-14.37	PASS
DH5	2480	On	1.883	-57.055	-18.12	PASS
2DH5	2402	Off	4.759	-57.789	-15.24	PASS
2DH5	2402	On	1.013	-56.311	-18.99	PASS
2DH5	2480	Off	4.387	-55.954	-15.61	PASS
2DH5	2480	On	-0.192	-57.308	-20.19	PASS
3DH5	2402	Off	4.798	-57.873	-15.2	PASS
3DH5	2402	On	-0.445	-57.232	-20.45	PASS
3DH5	2480	Off	4.325	-56.791	-15.68	PASS
3DH5	2480	On	0.041	-57.028	-19.96	PASS

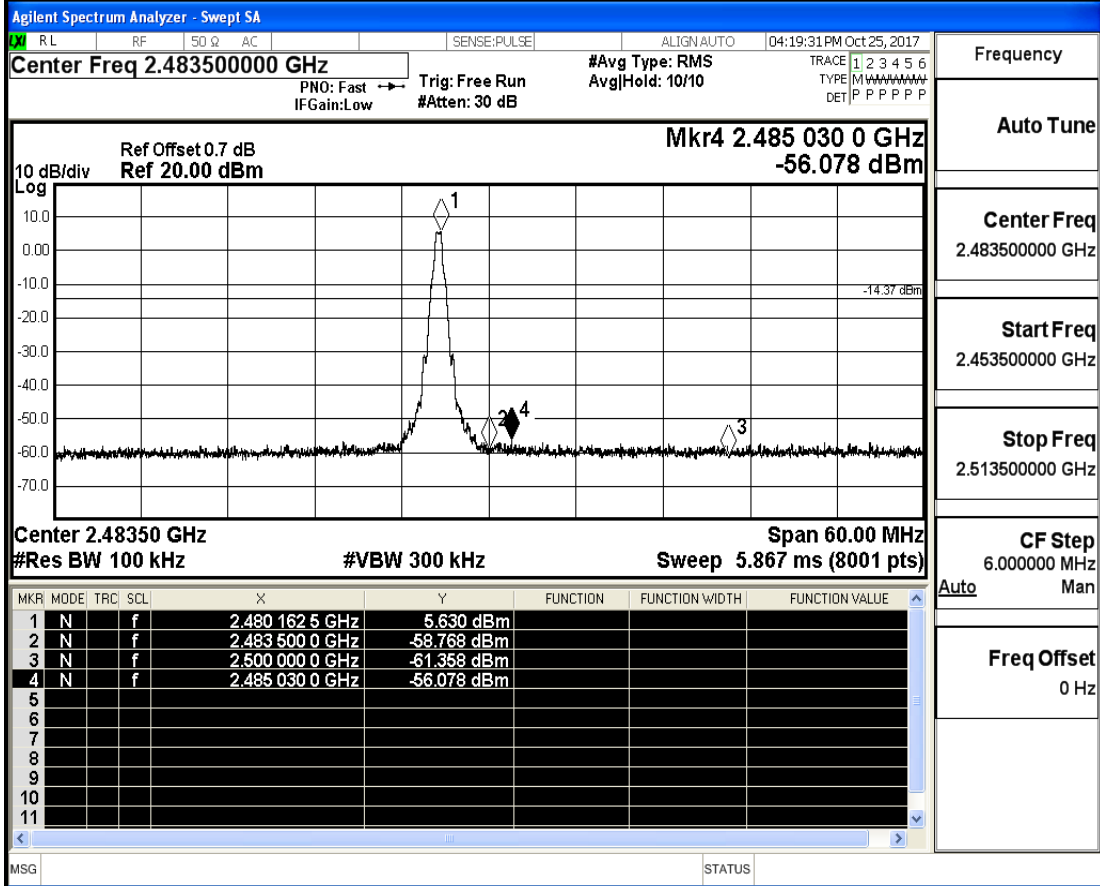
Band-edge for RF Conducted Emissions\_DH5\_2402\_Hopping Off



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



Band-edge for RF Conducted Emissions\_DH5\_2480\_Hopping Off



Frequency

Auto Tune

Center Freq  
2.483500000 GHz

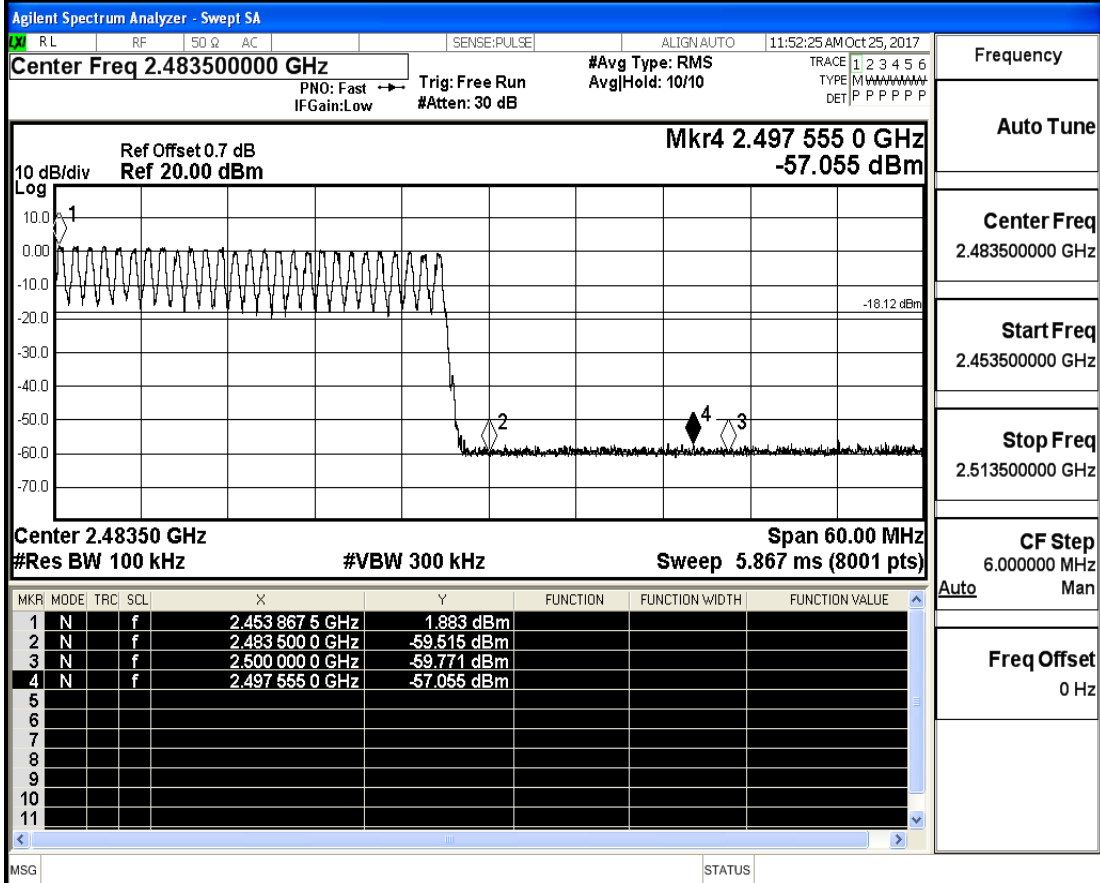
Start Freq  
2.453500000 GHz

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 On



Frequency

Auto Tune

Center Freq  
2.483500000 GHz

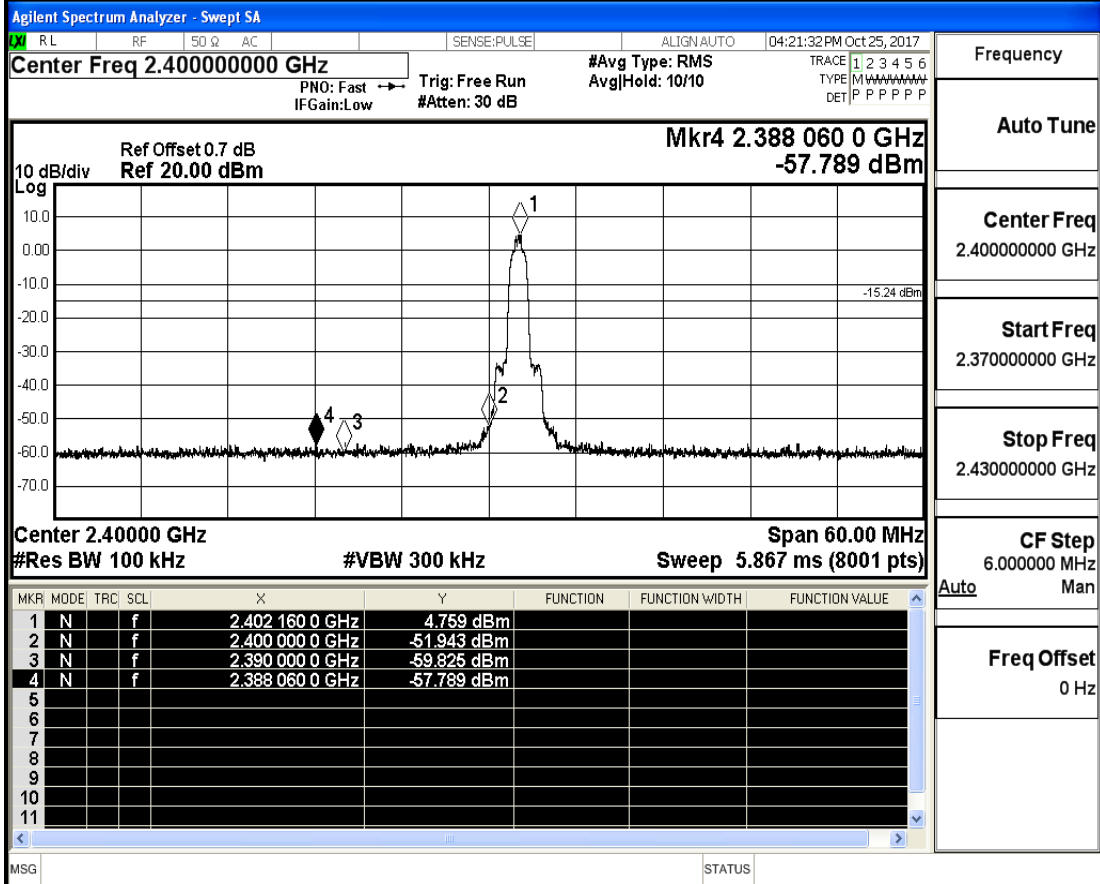
Start Freq  
2.453500000 GHz

Stop Freq  
2.513500000 GHz

CF Step  
6.000000 MHz  
Auto Man

Freq Offset  
0 Hz

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



Frequency

Auto Tune

Center Freq  
2.400000000 GHz

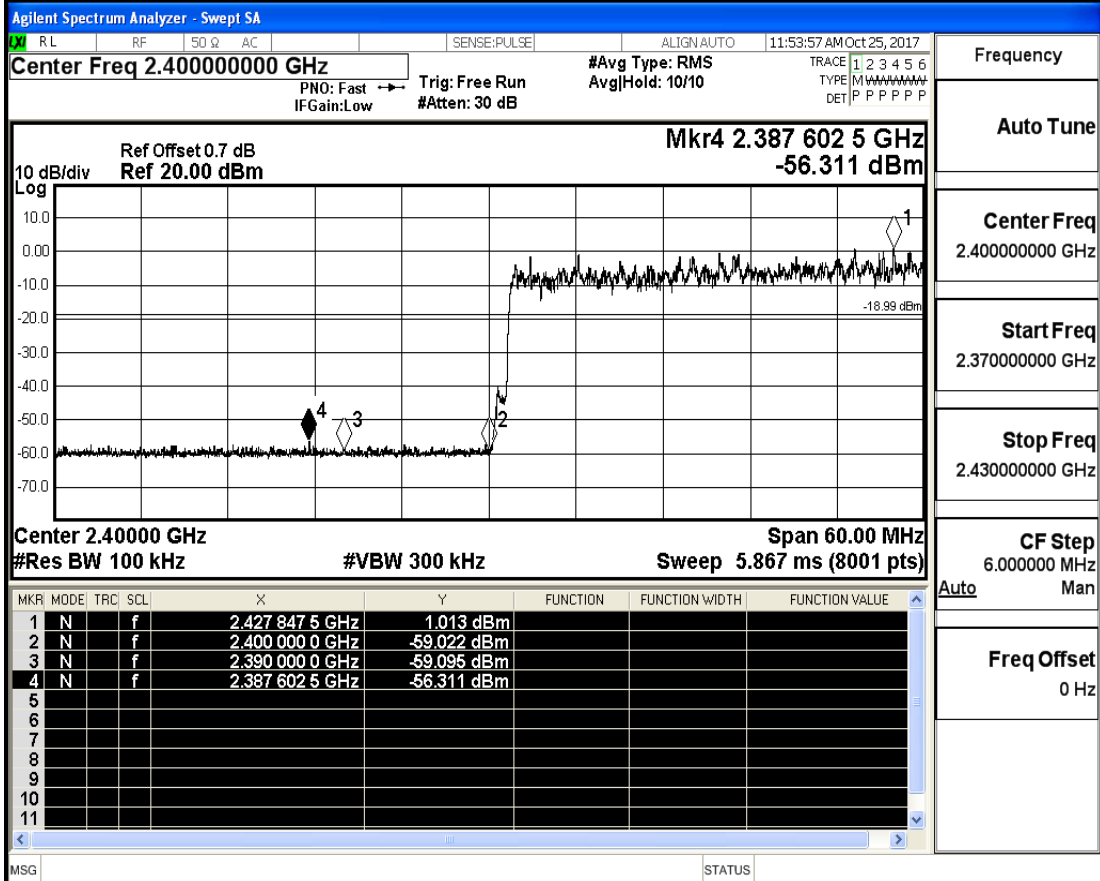
Start Freq  
2.370000000 GHz

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 On



Frequency

Auto Tune

Center Freq  
2.400000000 GHz

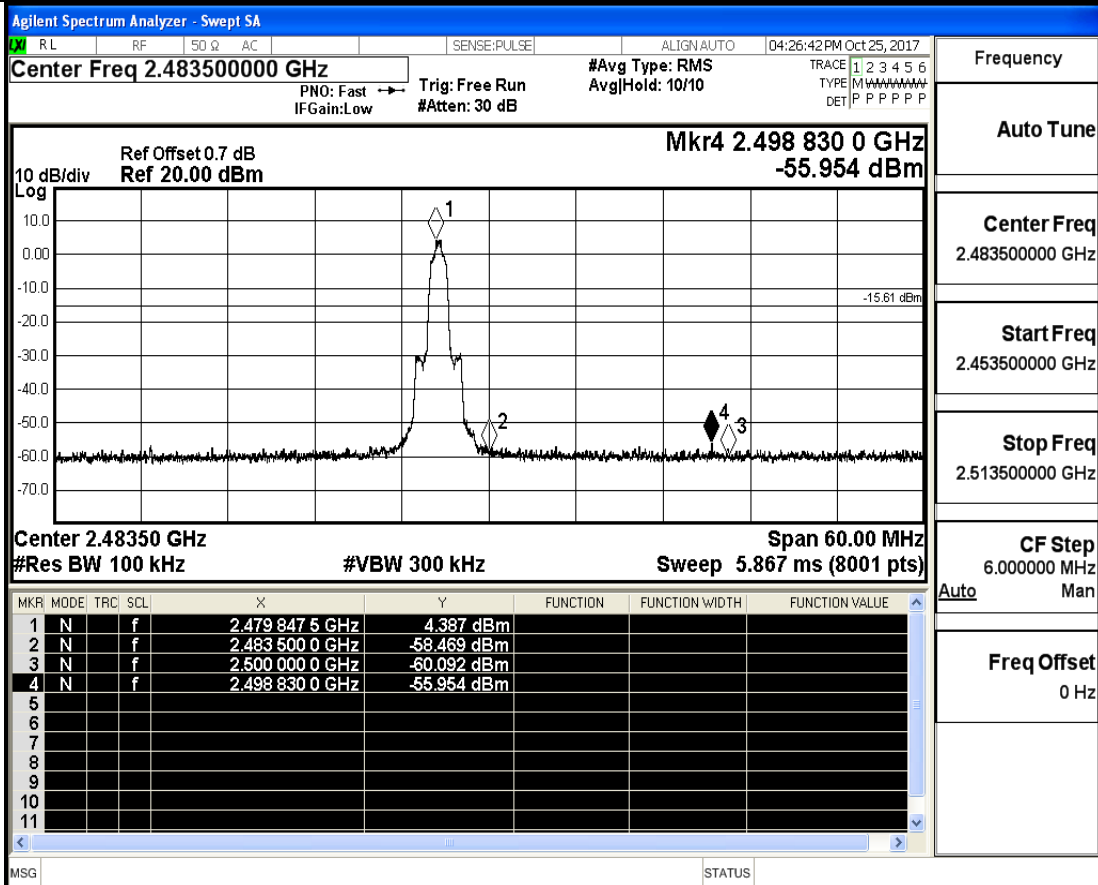
Start Freq  
2.370000000 GHz

Stop Freq  
2.430000000 GHz

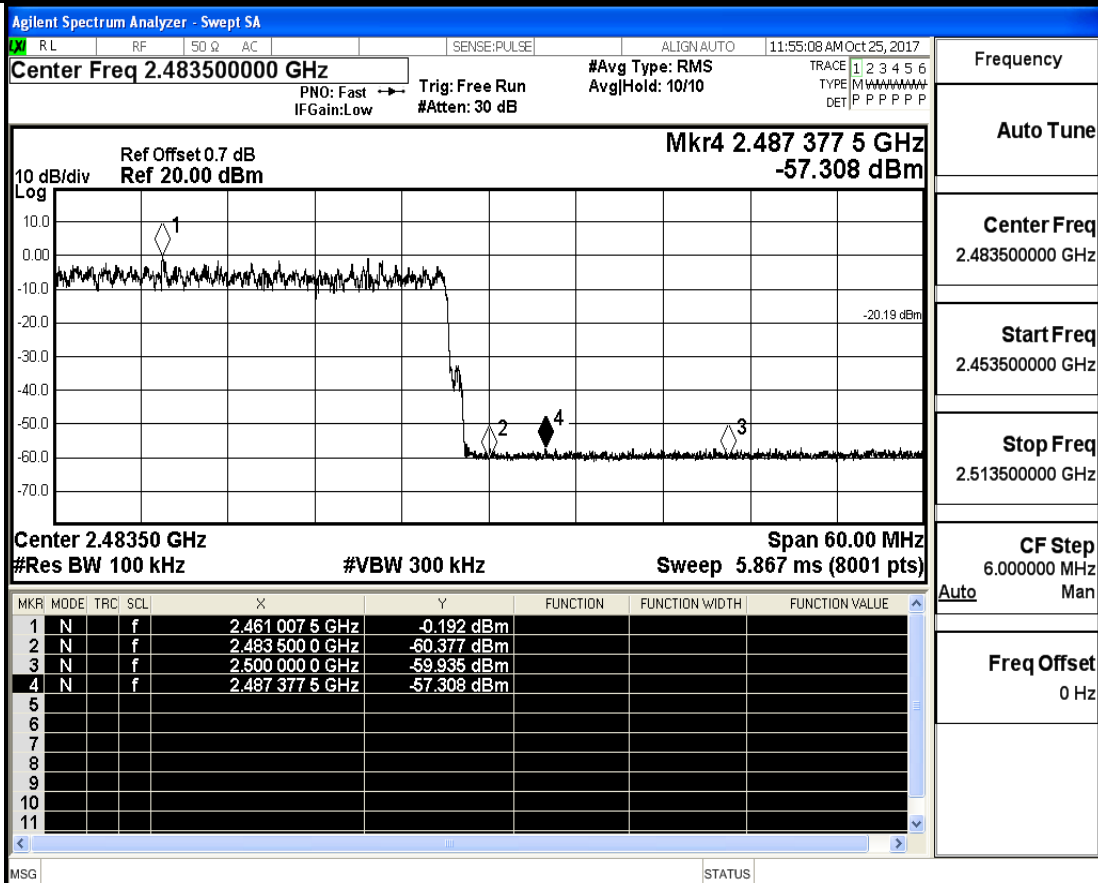
CF Step  
6.000000 MHz  
Auto Man

Freq Offset  
0 Hz

## Band-edge for RF Conducted Emissions 2DH5 2480 Hopping Off

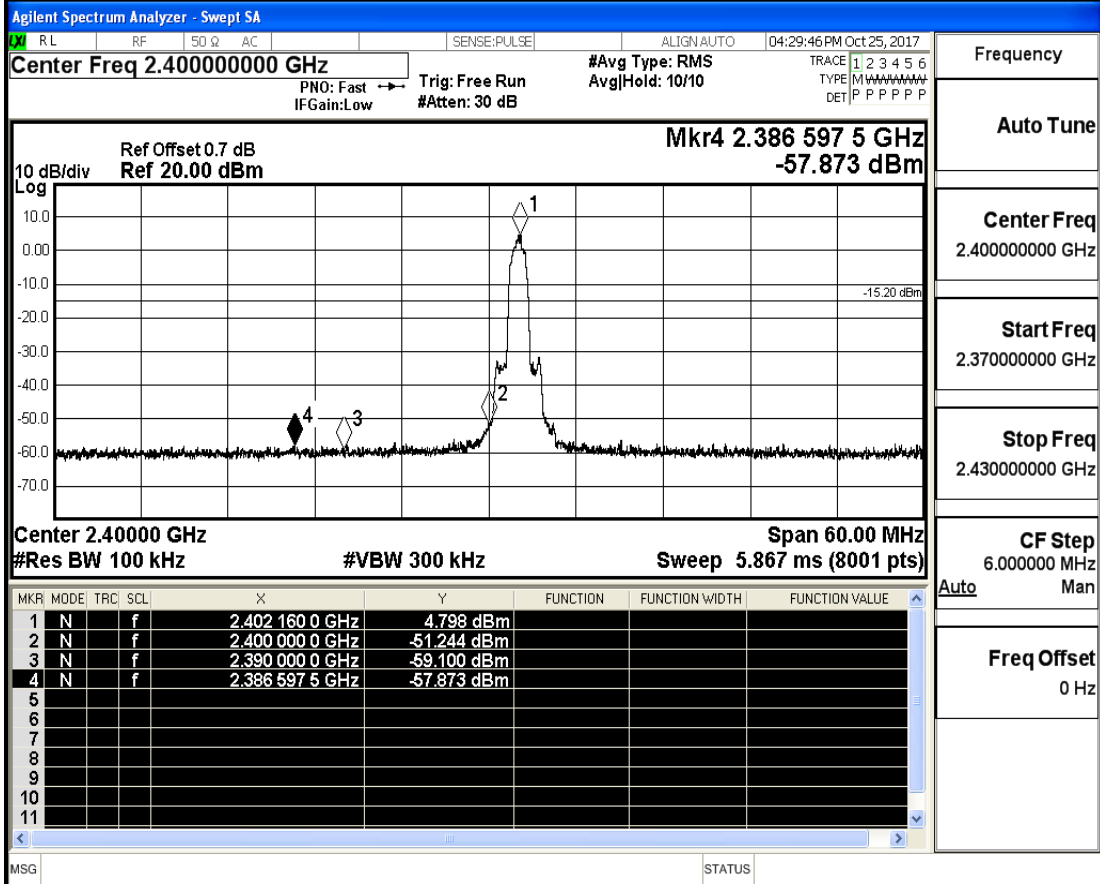


## Band-edge for RF Conducted Emissions\_2DH5\_2480\_Hopping On





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



Frequency

Auto Tune

Center Freq  
2.400000000 GHz

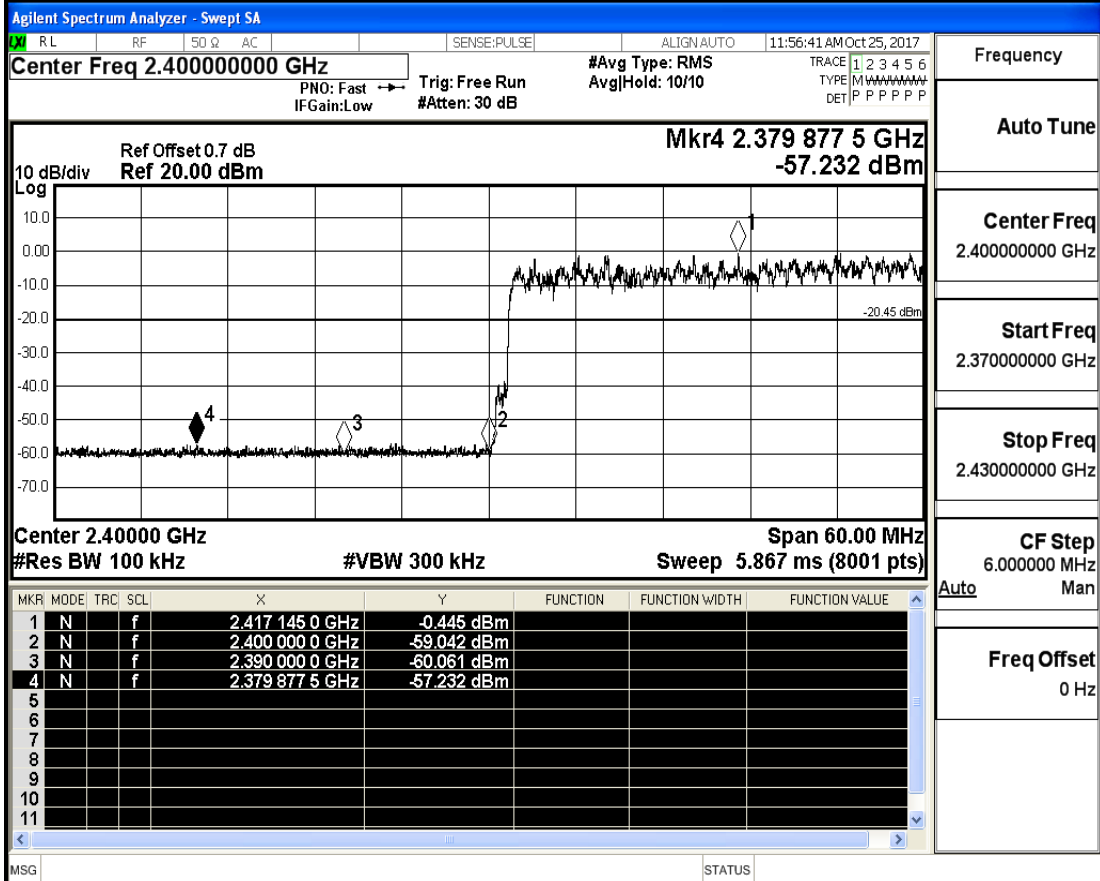
Start Freq  
2.370000000 GHz

Stop Freq  
2.430000000 GHz

CF Step  
6.000000 MHz  
Auto Man

Freq Offset  
0 Hz

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



Frequency

Auto Tune

Center Freq  
2.400000000 GHz

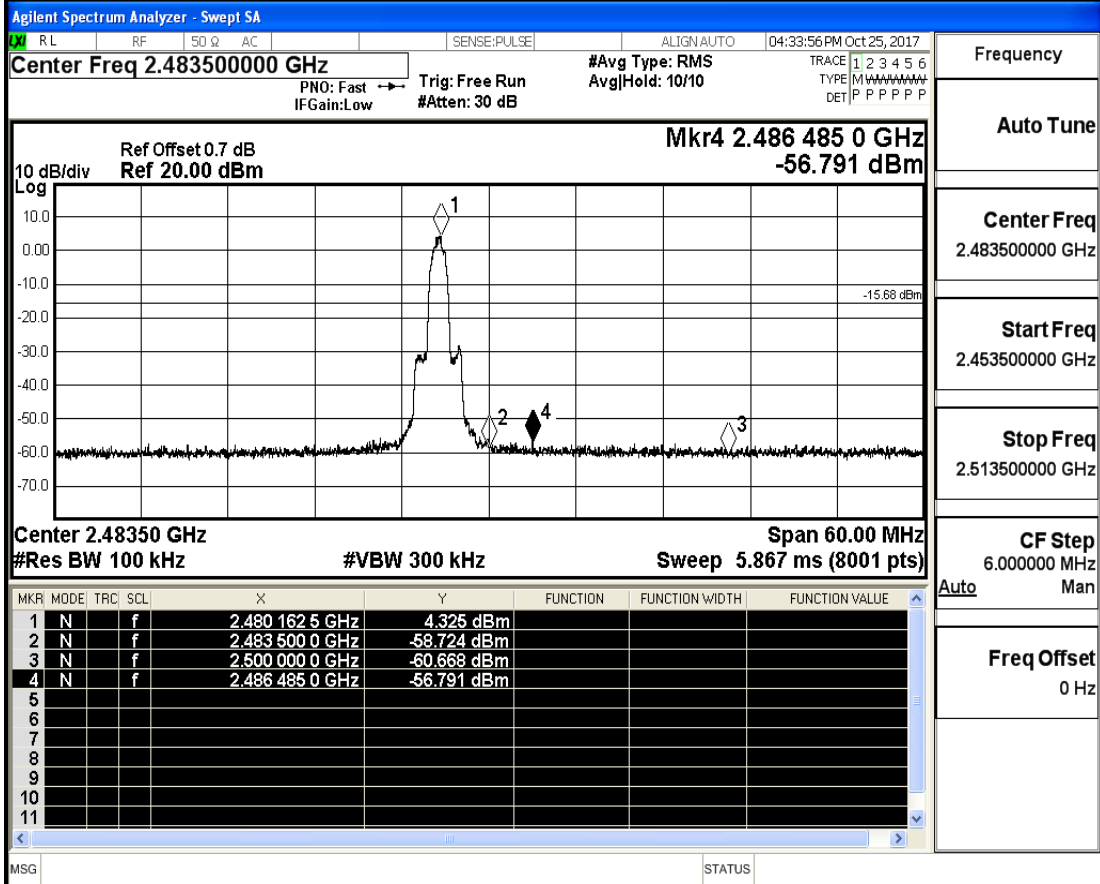
Start Freq  
2.370000000 GHz

Stop Freq  
2.430000000 GHz

CF Step  
6.000000 MHz  
Auto Man

Freq Offset  
0 Hz

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



Frequency

Auto Tune

Center Freq  
2.483500000 GHz

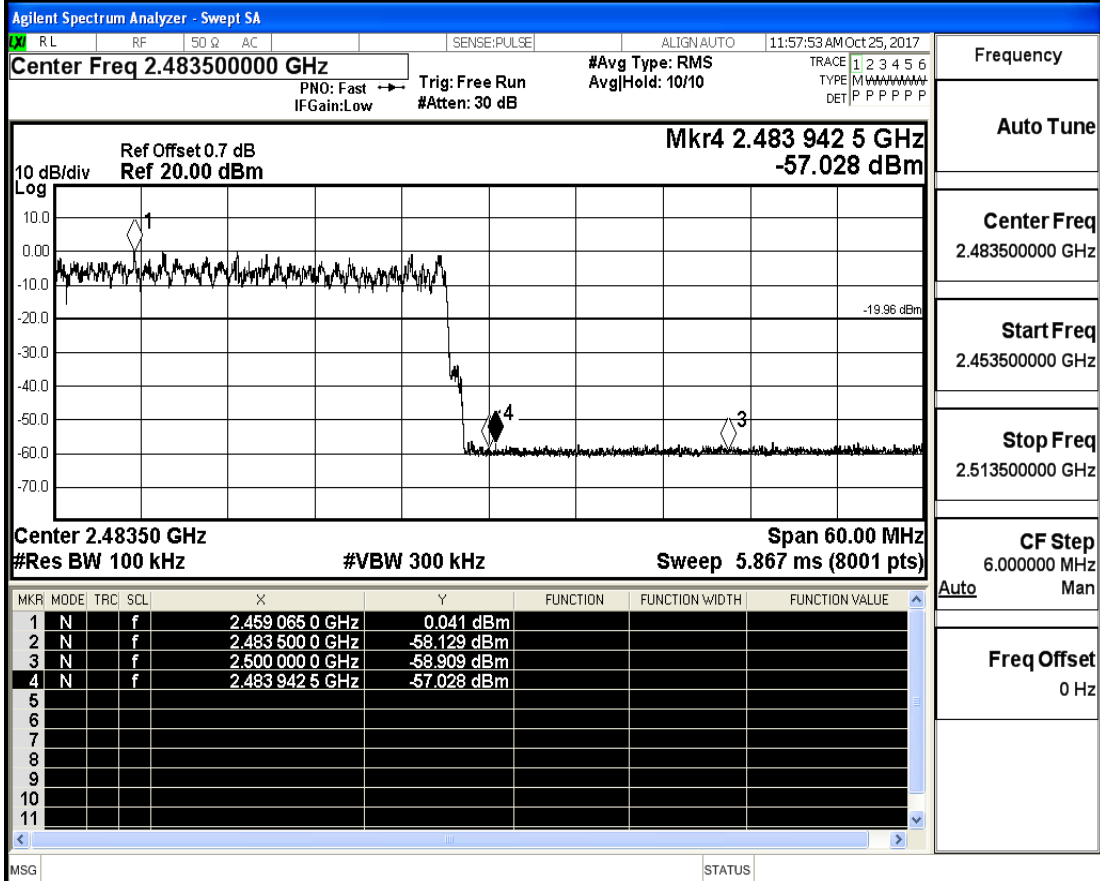
Start Freq  
2.453500000 GHz

Stop Freq  
2.513500000 GHz

CF Step  
6.000000 MHz  
Auto Man

Freq Offset  
0 Hz

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



Frequency

Auto Tune

Center Freq  
2.483500000 GHz

Start Freq  
2.453500000 GHz

Stop Freq  
2.513500000 GHz

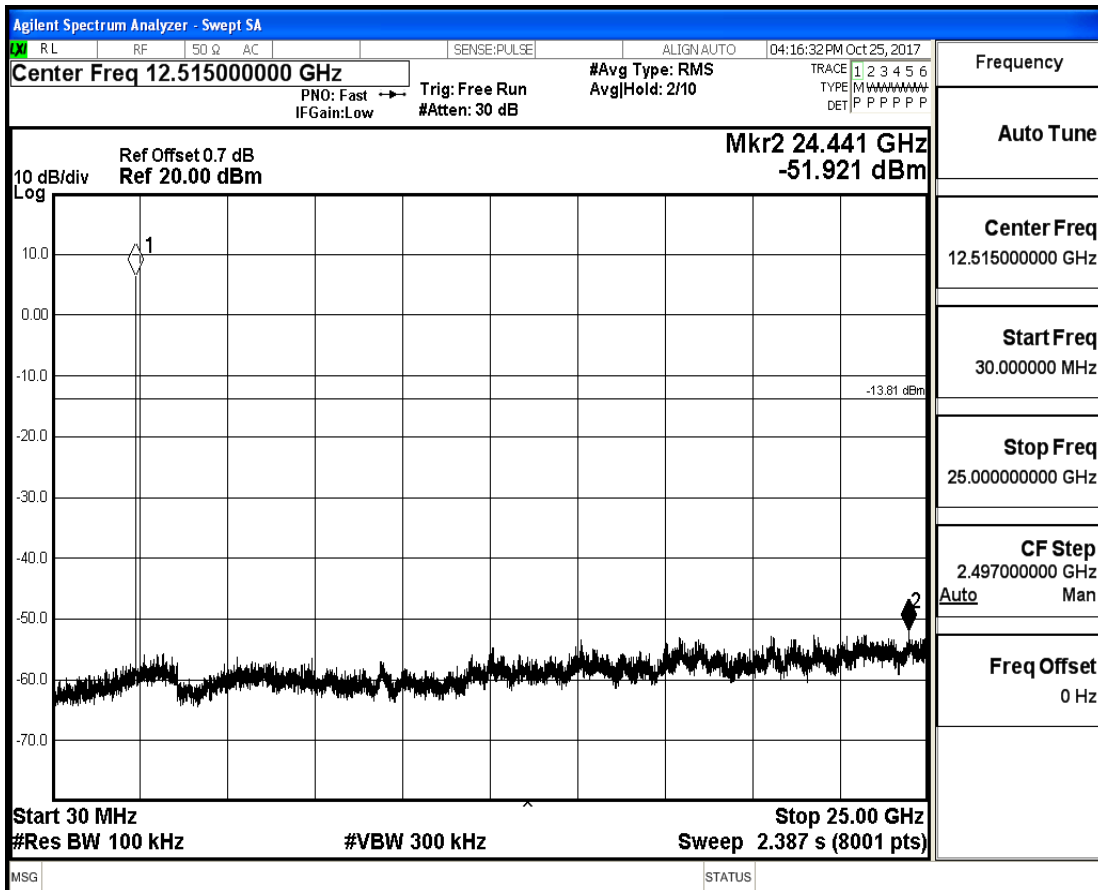
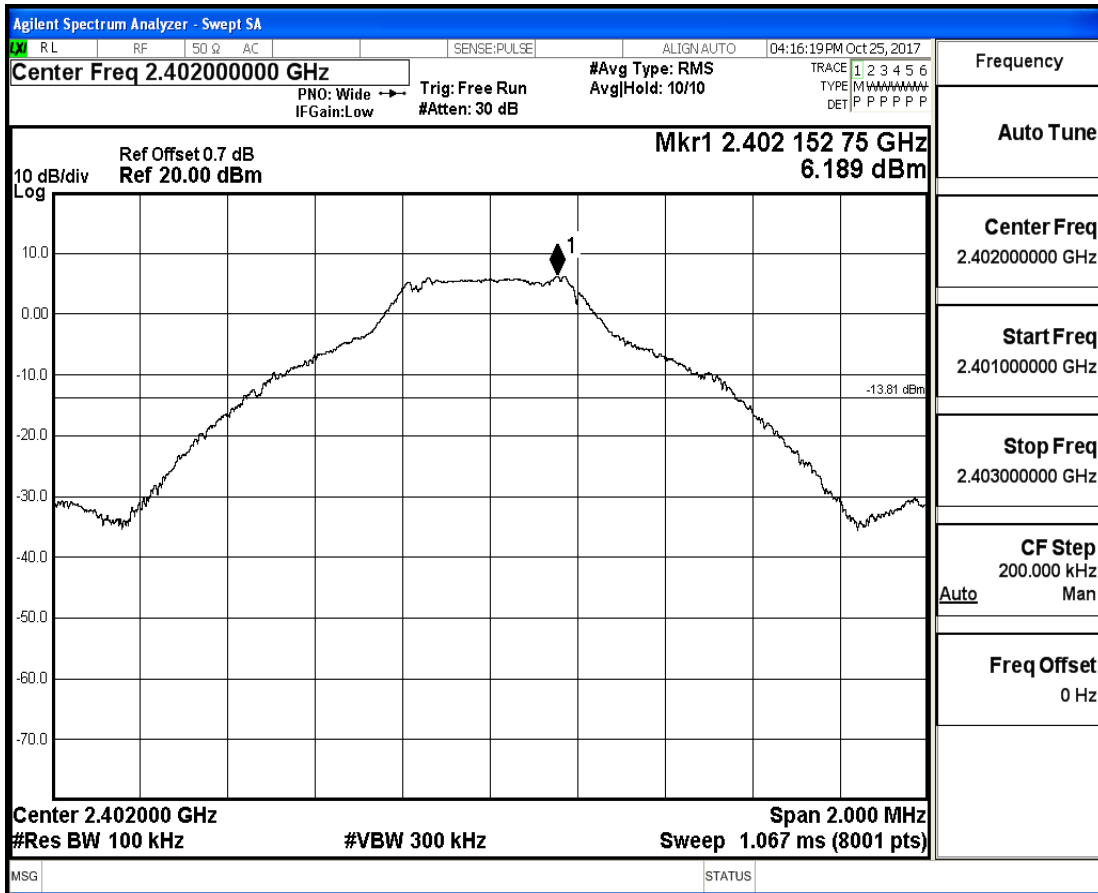
CF Step  
6.000000 MHz  
Auto Man

Freq Offset  
0 Hz

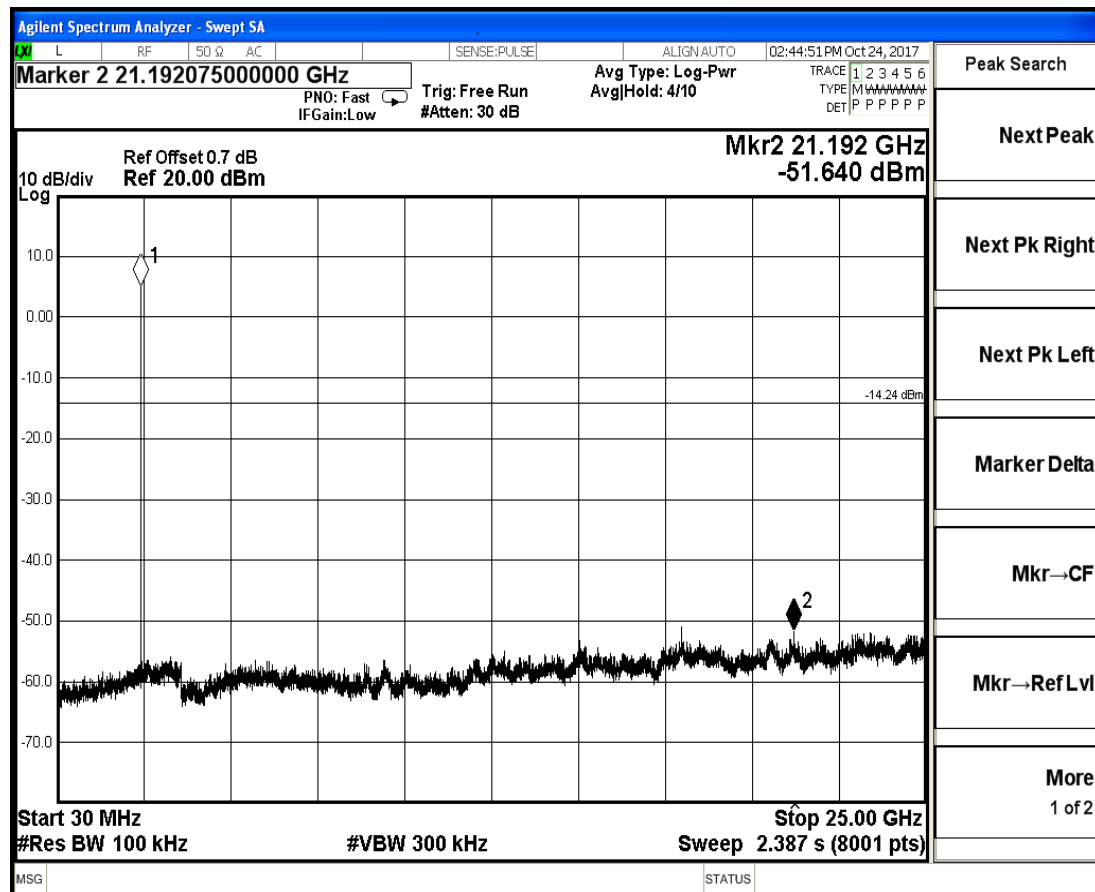
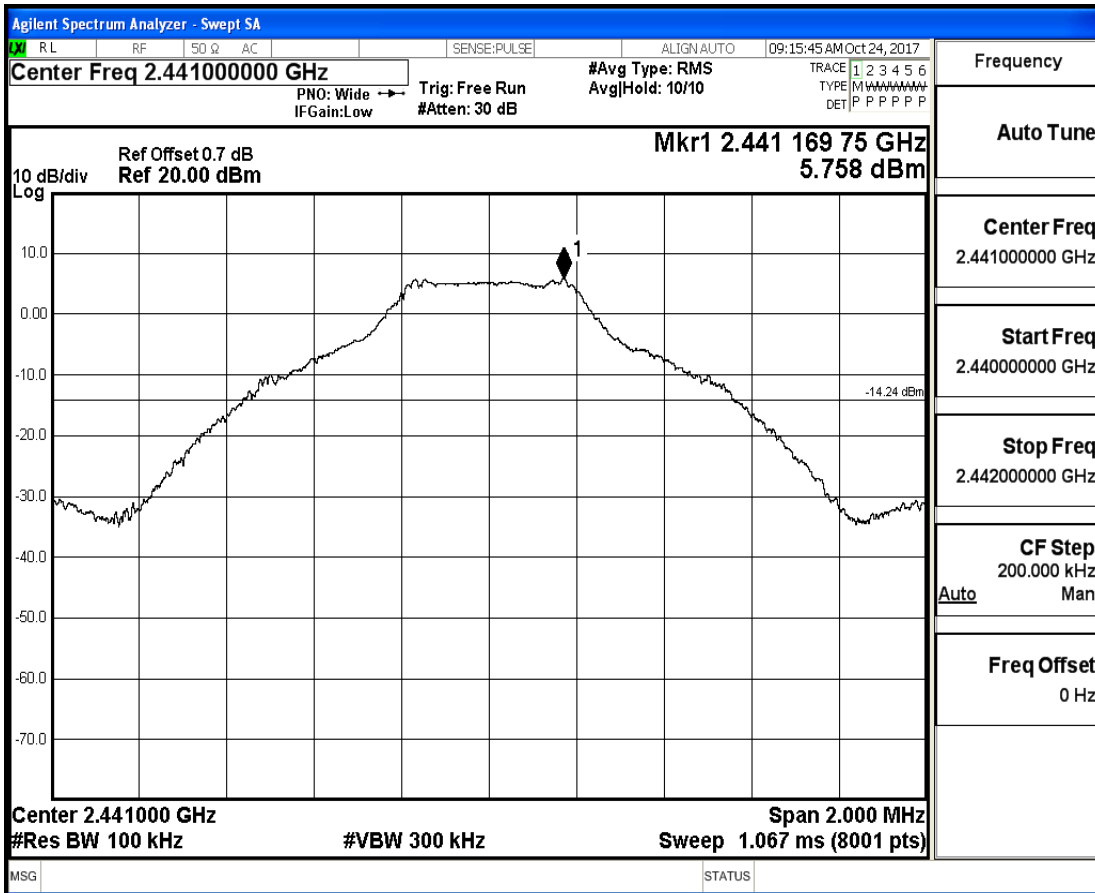
## 8.RF Conducted Spurious Emissions

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	6.189	-51.921	<- 13.811	PASS
DH5	2441	30	25000	100	300	5.764	-51.640	<- 14.242	PASS
DH5	2480	30	25000	100	300	5.526	-52.209	<- 14.474	PASS
2DH5	2402	30	25000	100	300	4.652	-51.773	<- 15.348	PASS
2DH5	2441	30	25000	100	300	4.301	-54.564	<- 15.693	PASS
2DH5	2480	30	25000	100	300	4.393	-51.647	<- 15.607	PASS
3DH5	2402	30	25000	100	300	4.73	-52.356	<-15.27	PASS
3DH5	2441	30	25000	100	300	4.442	-51.666	<- 15.552	PASS
3DH5	2480	30	25000	100	300	4.347	-50.228	<- 15.653	PASS

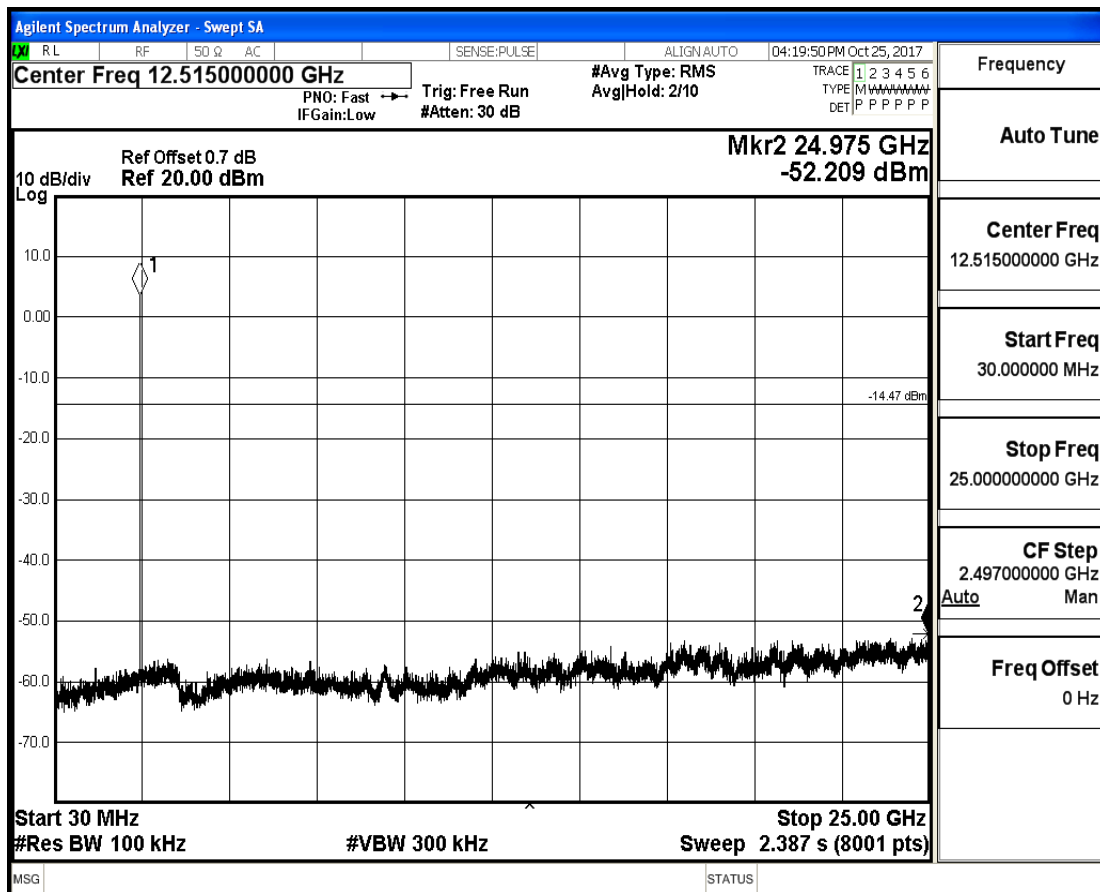
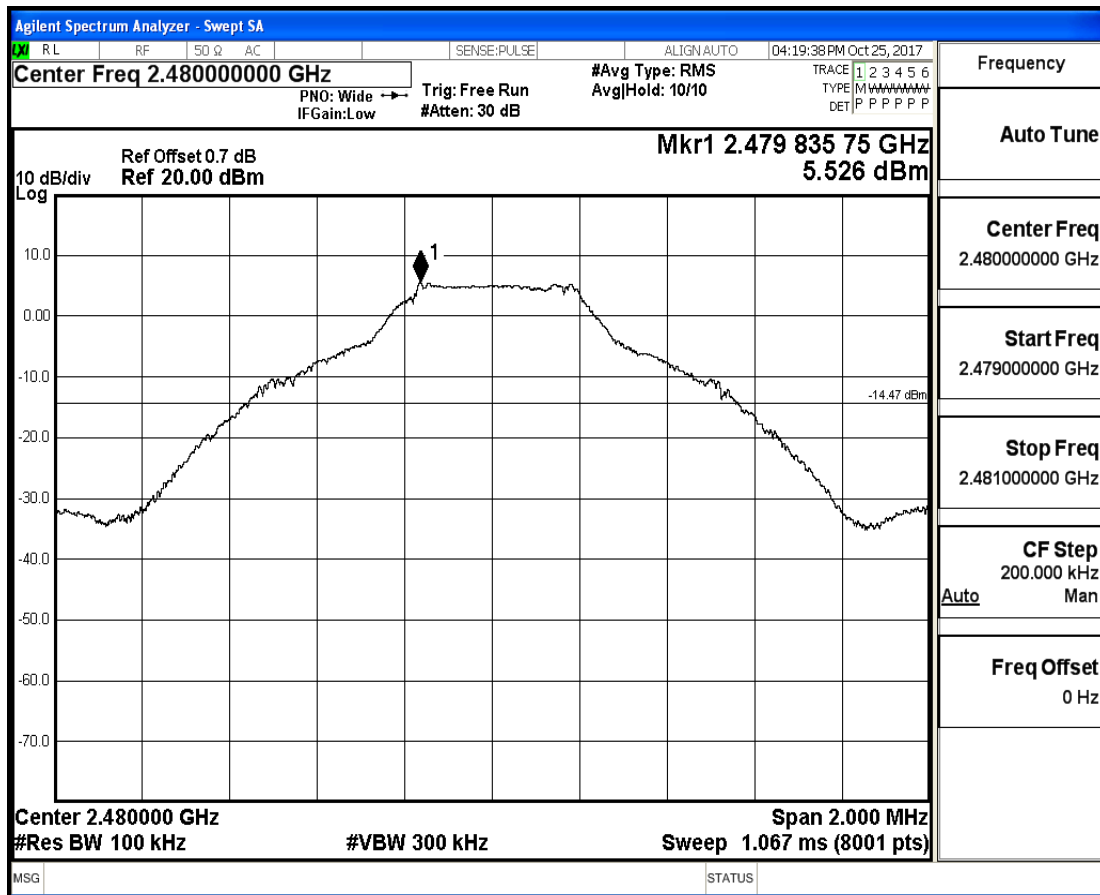
## RF Conducted Spurious Emissions\_DH5\_2402



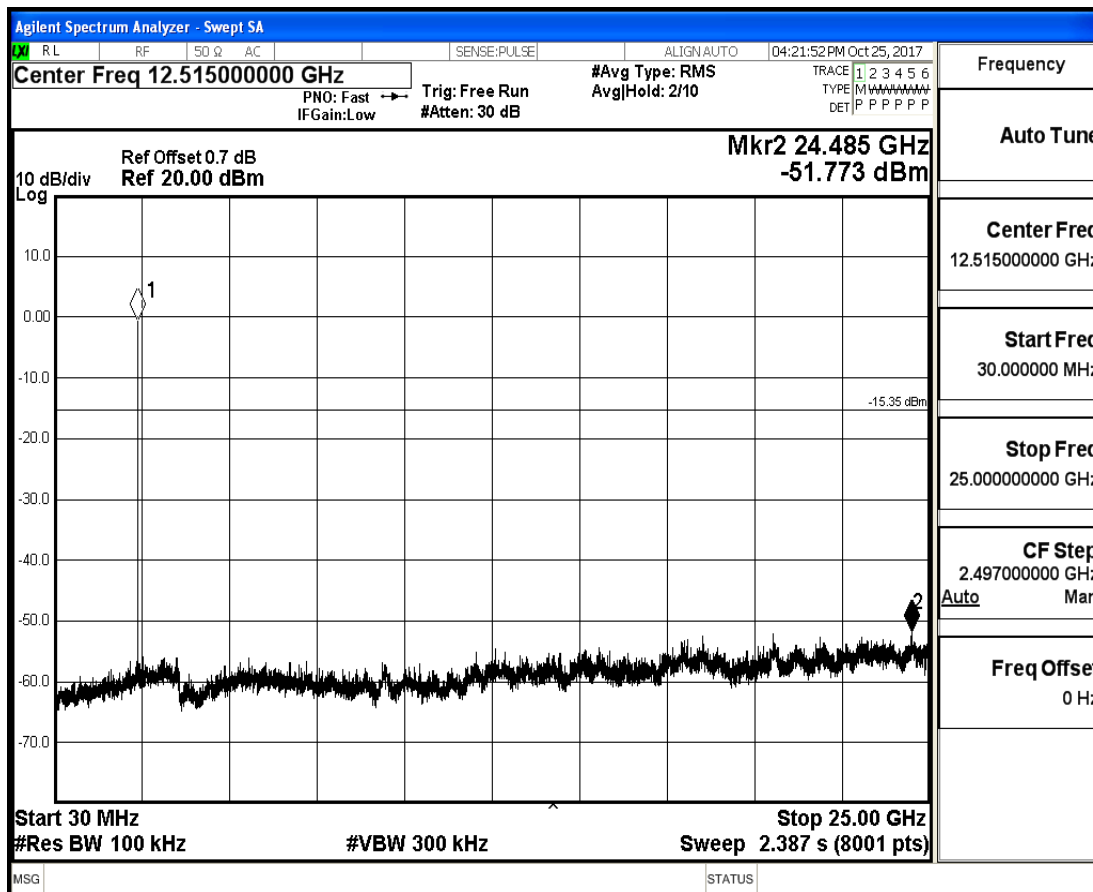
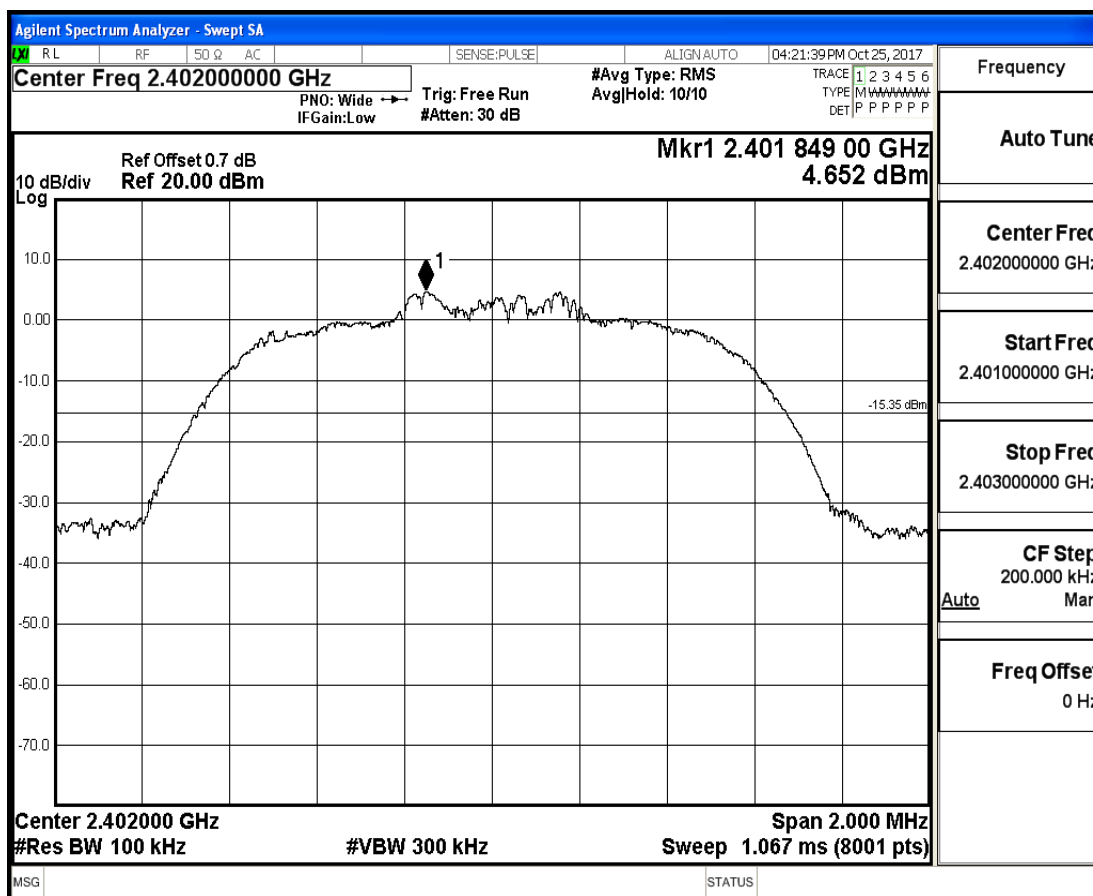
## RF Conducted Spurious Emissions\_DH5\_2441



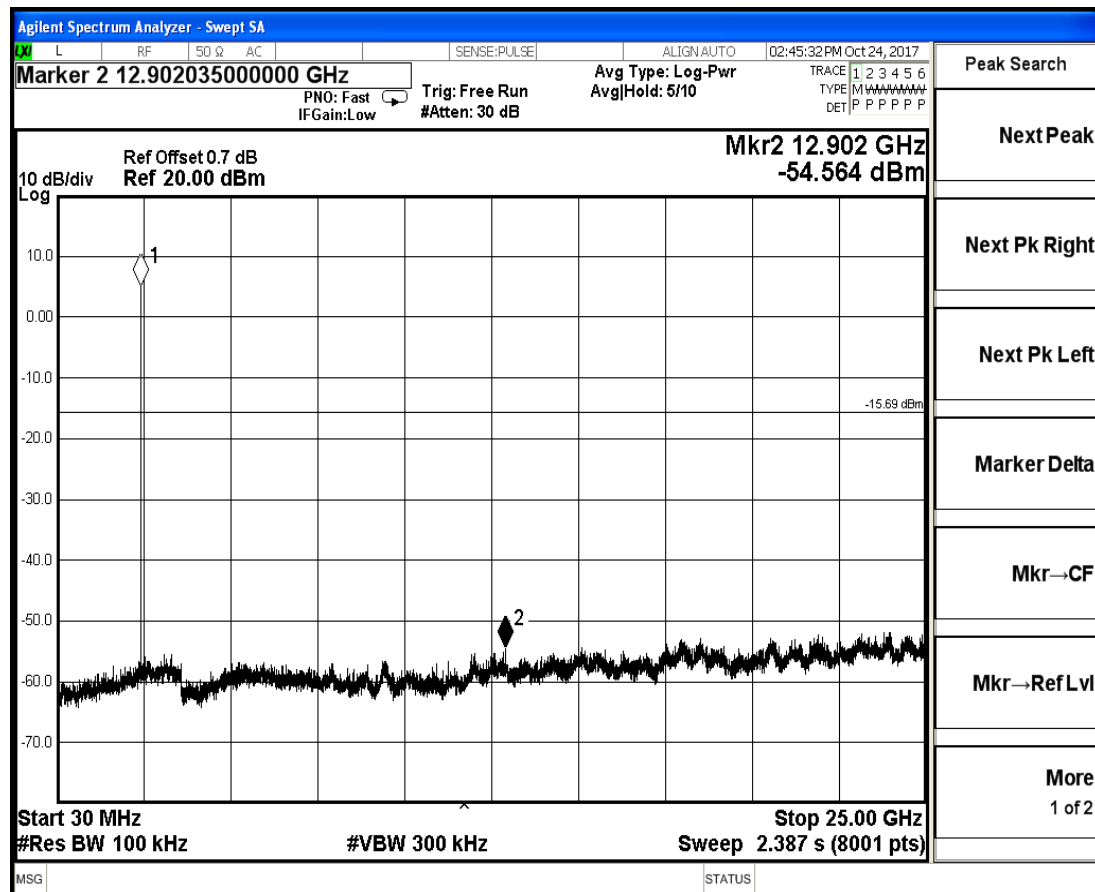
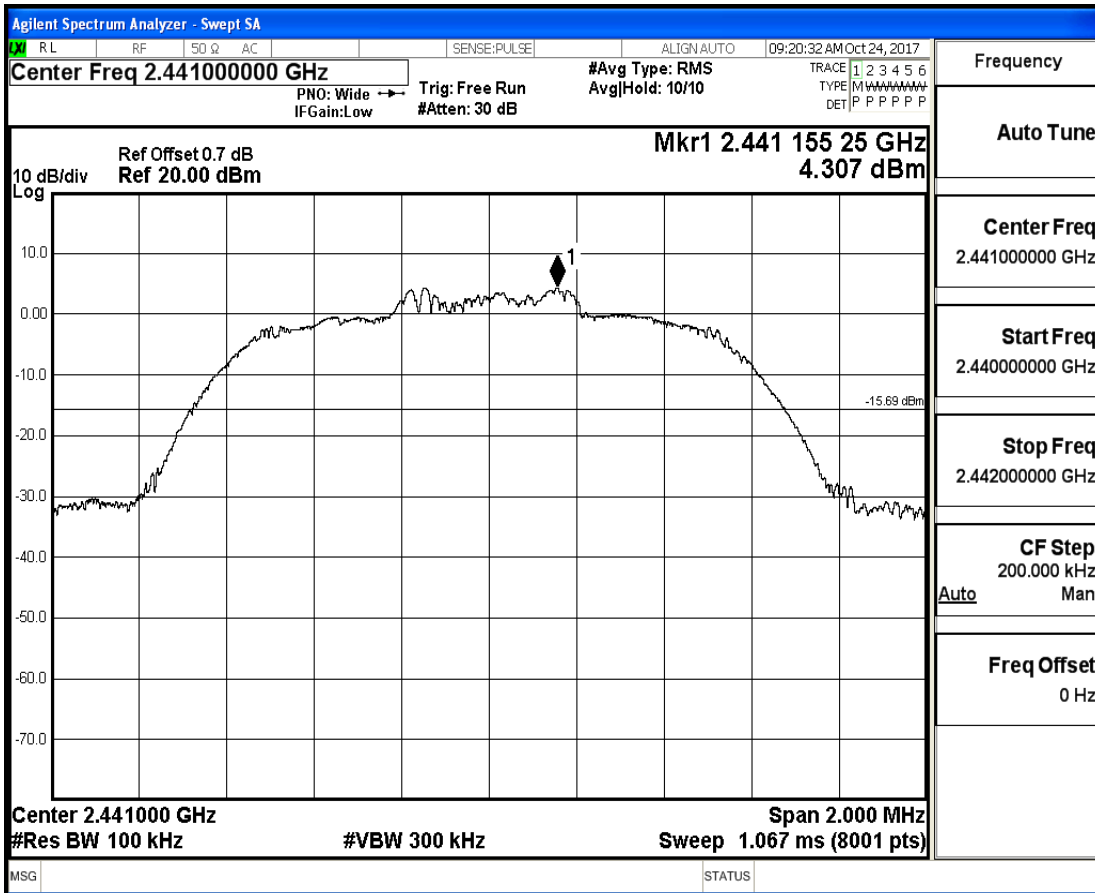
## RF Conducted Spurious Emissions\_DH5\_2480



## RF Conducted Spurious Emissions\_2DH5\_2402

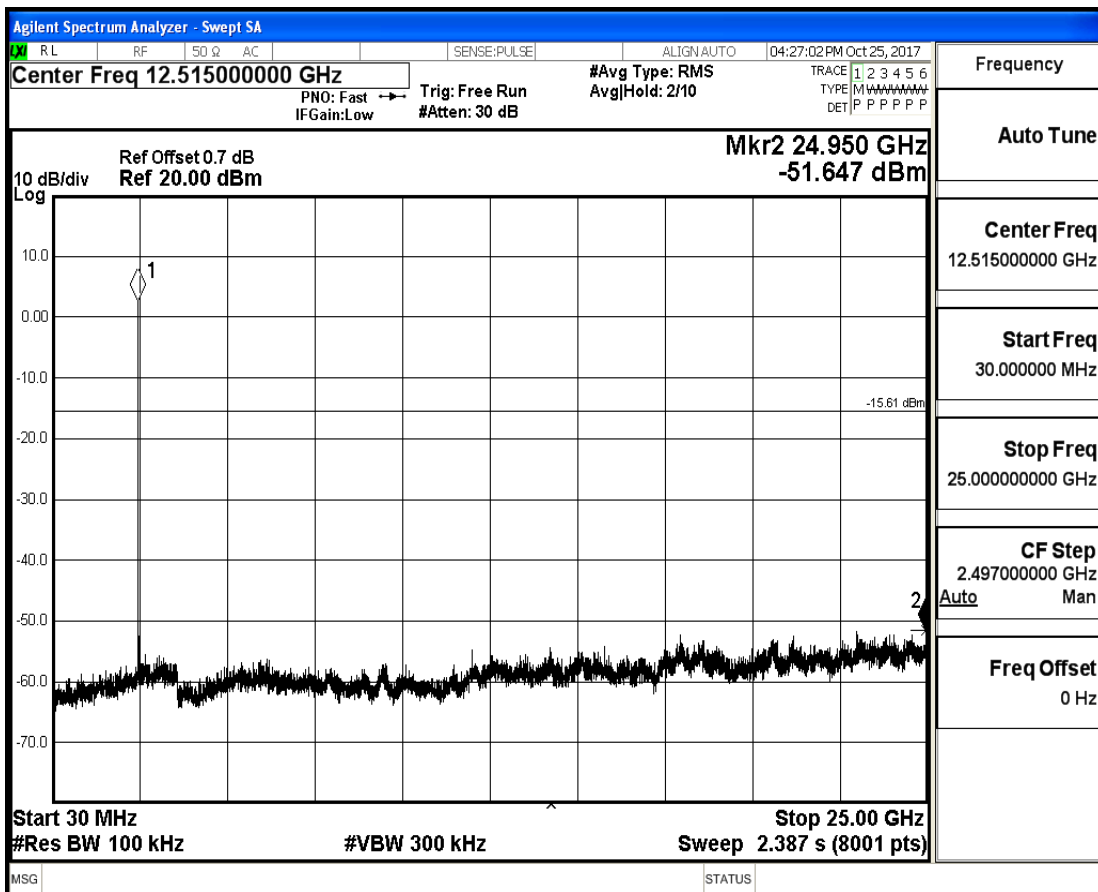
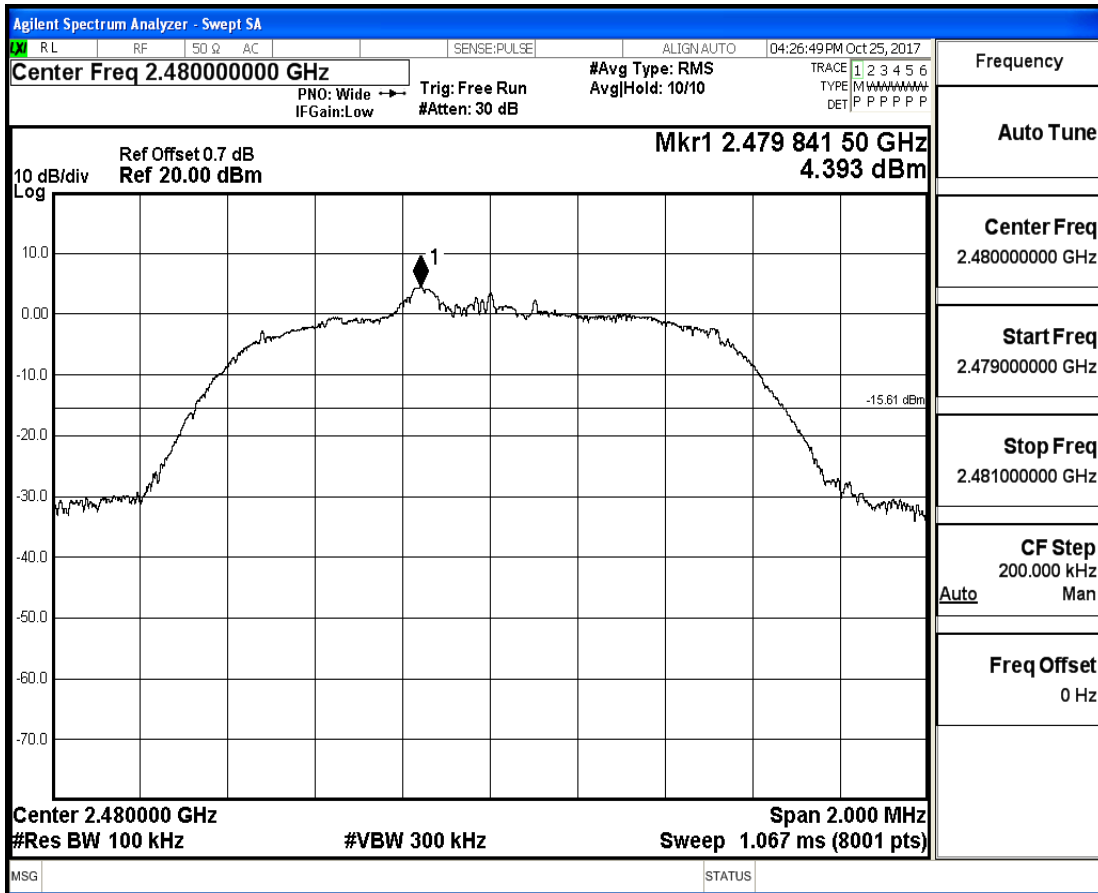


## RF Conducted Spurious Emissions\_2DH5\_2441

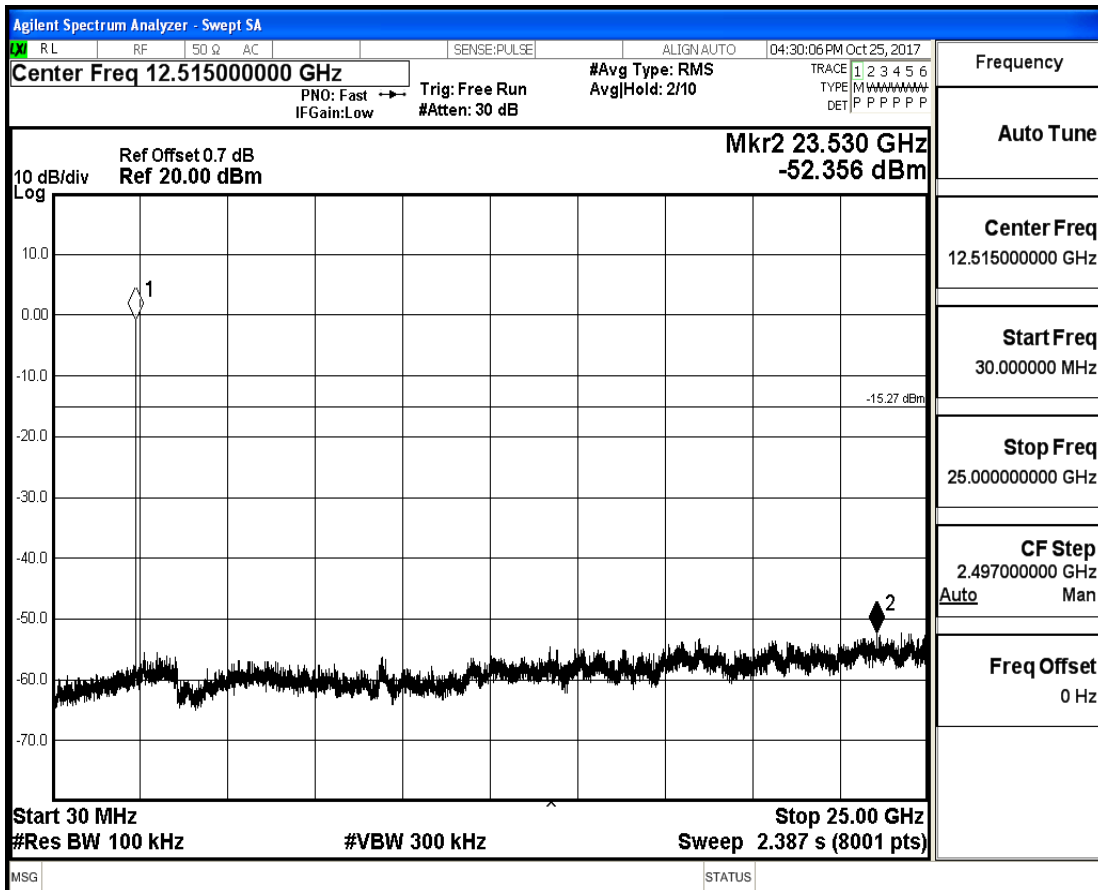
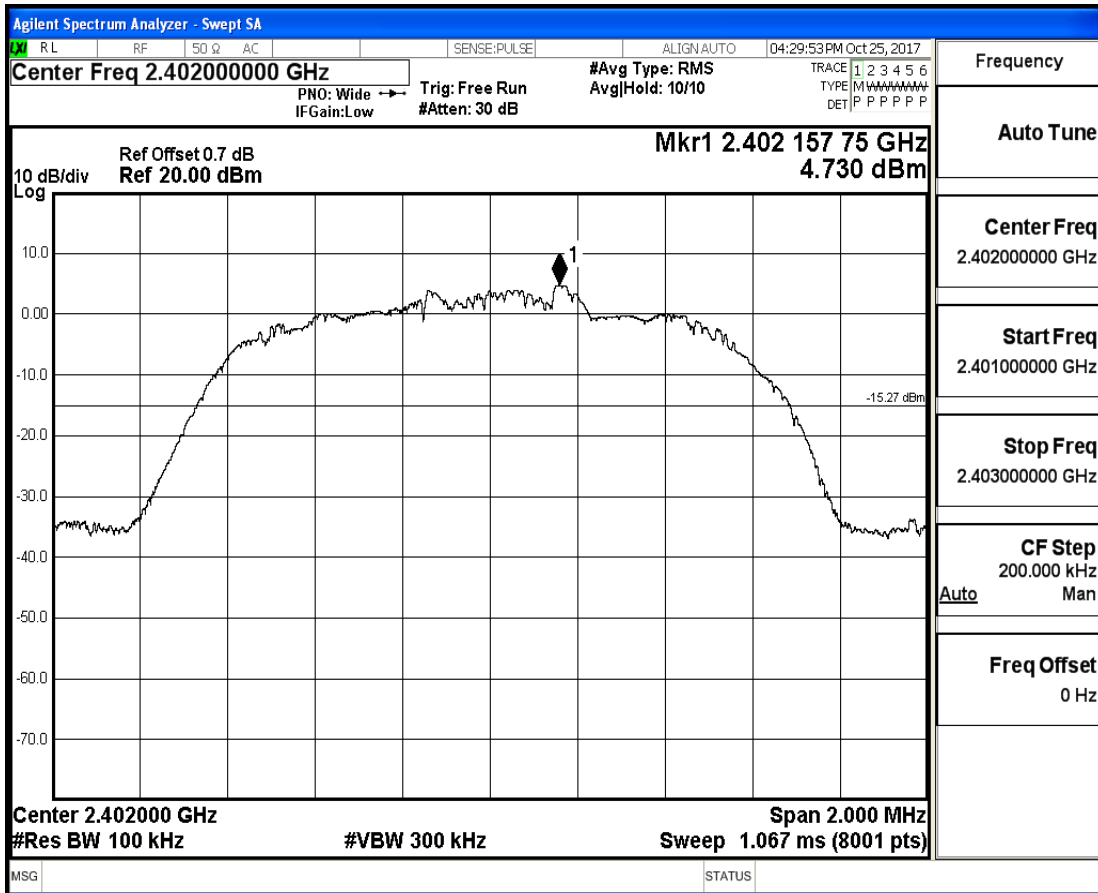




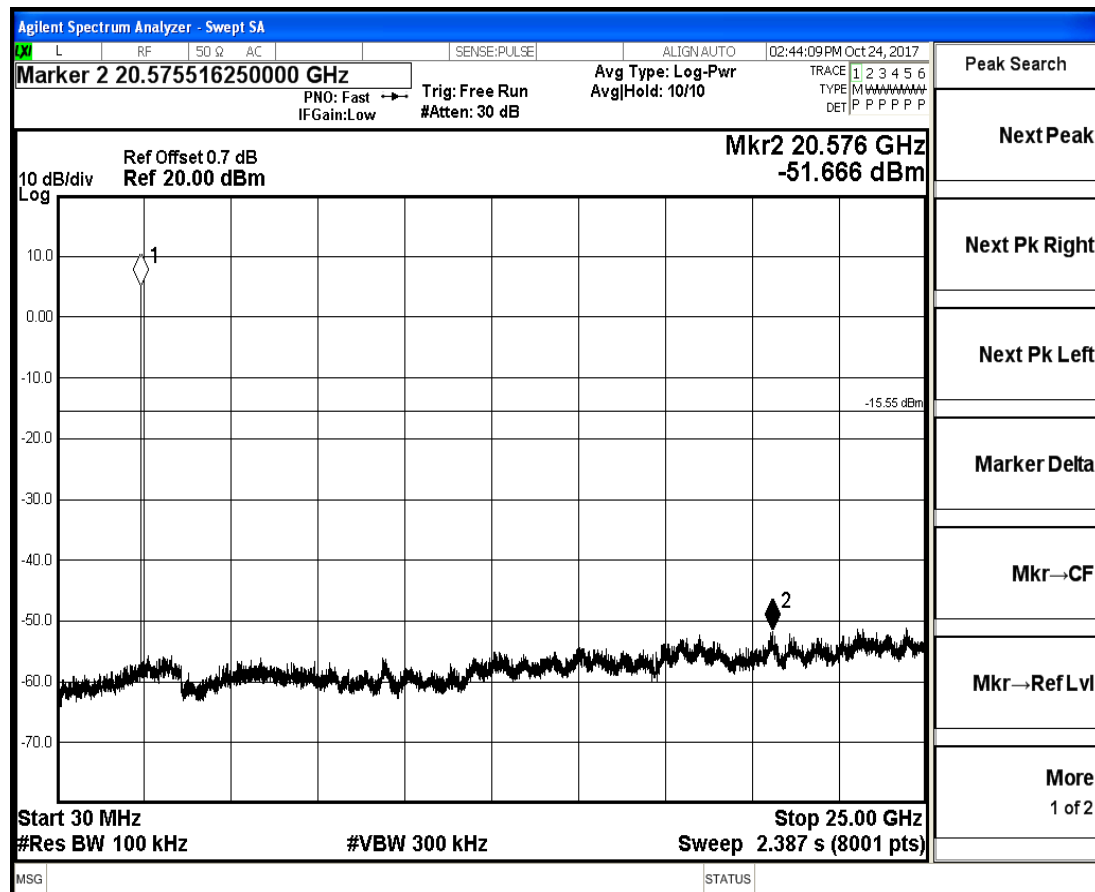
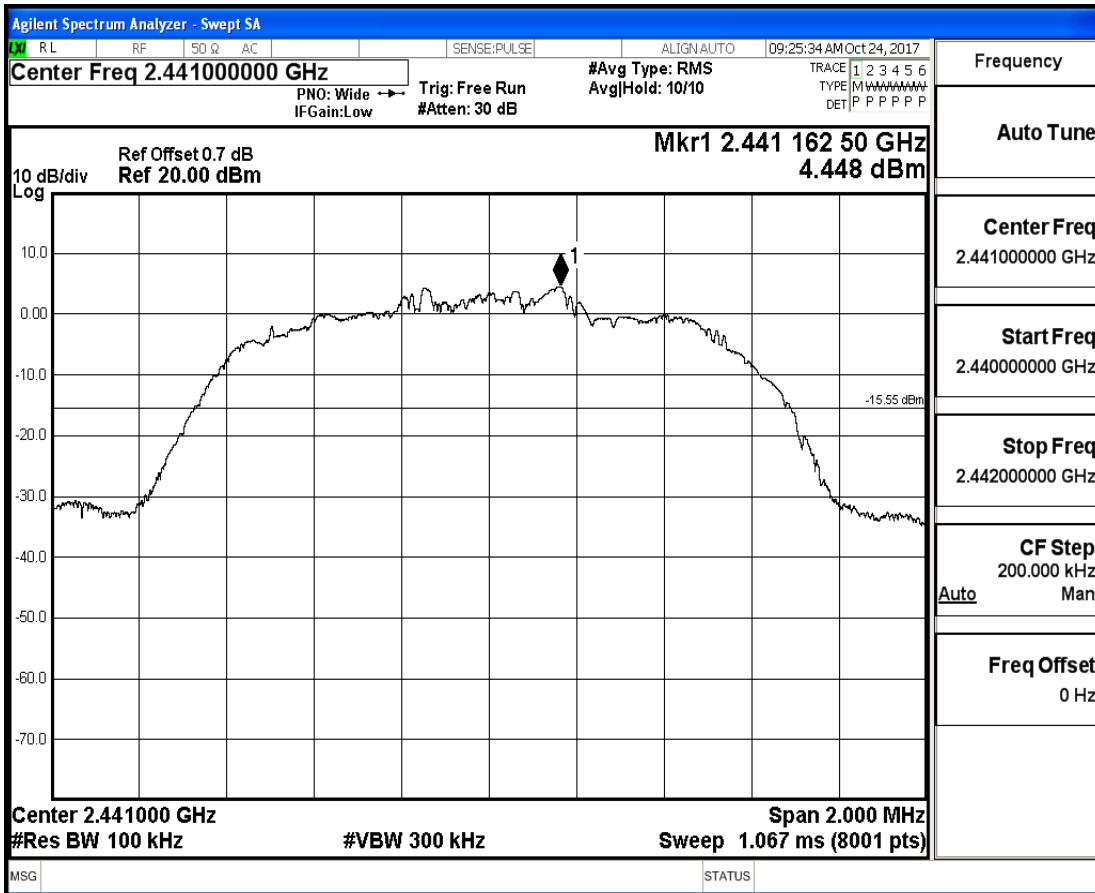
## RF Conducted Spurious Emissions\_2DH5\_2480



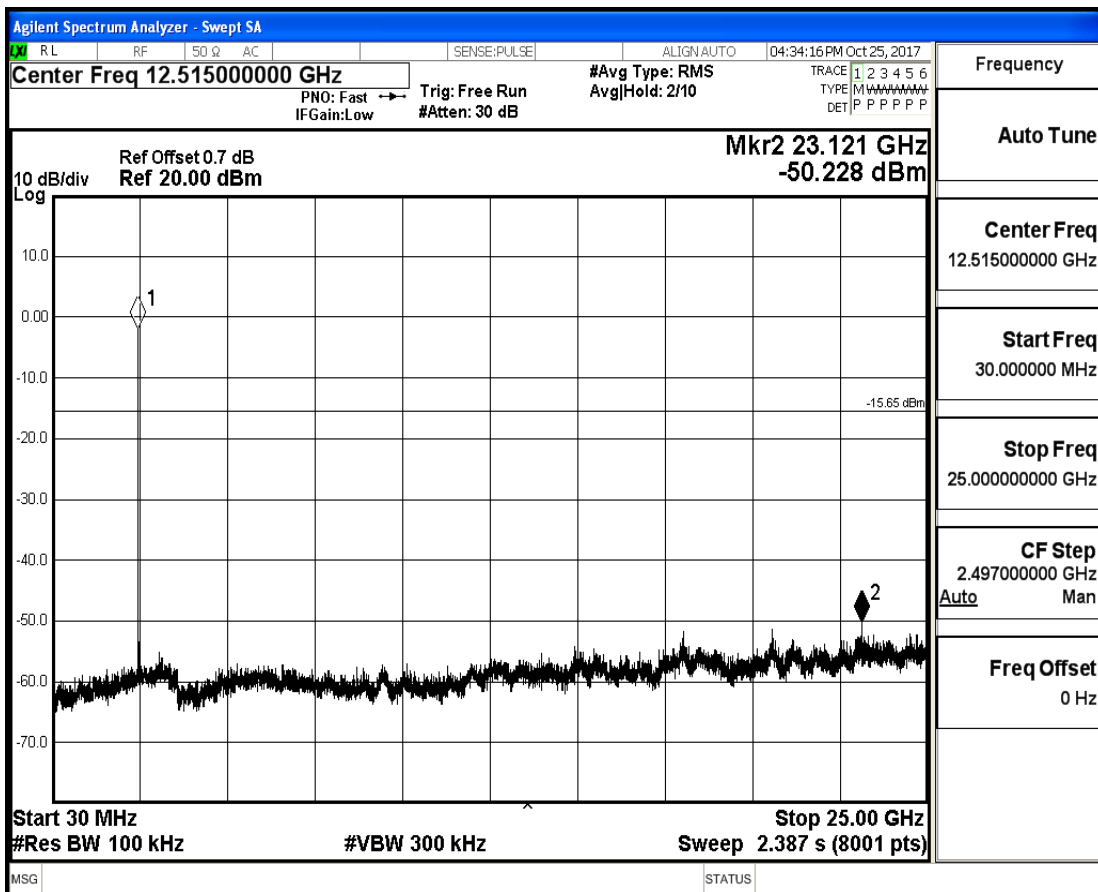
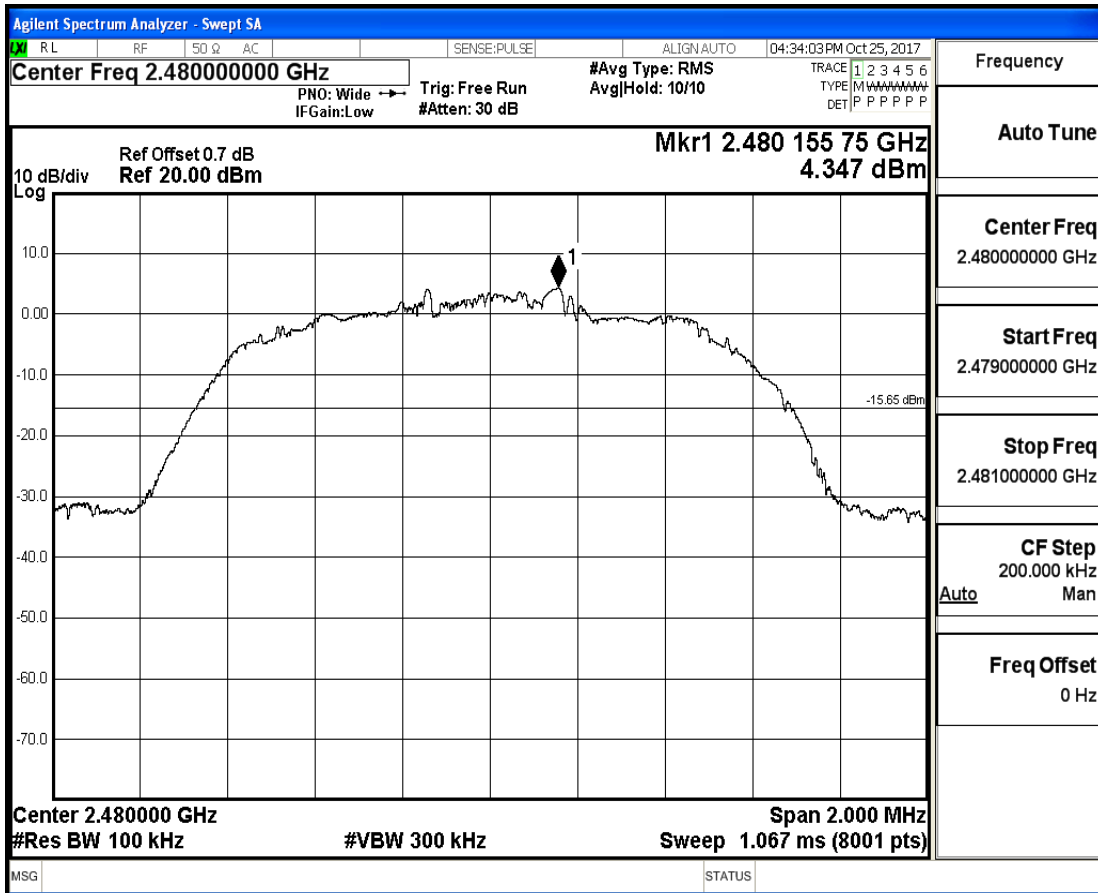
## RF Conducted Spurious Emissions\_3DH5\_2402



## RF Conducted Spurious Emissions\_3DH5\_2441



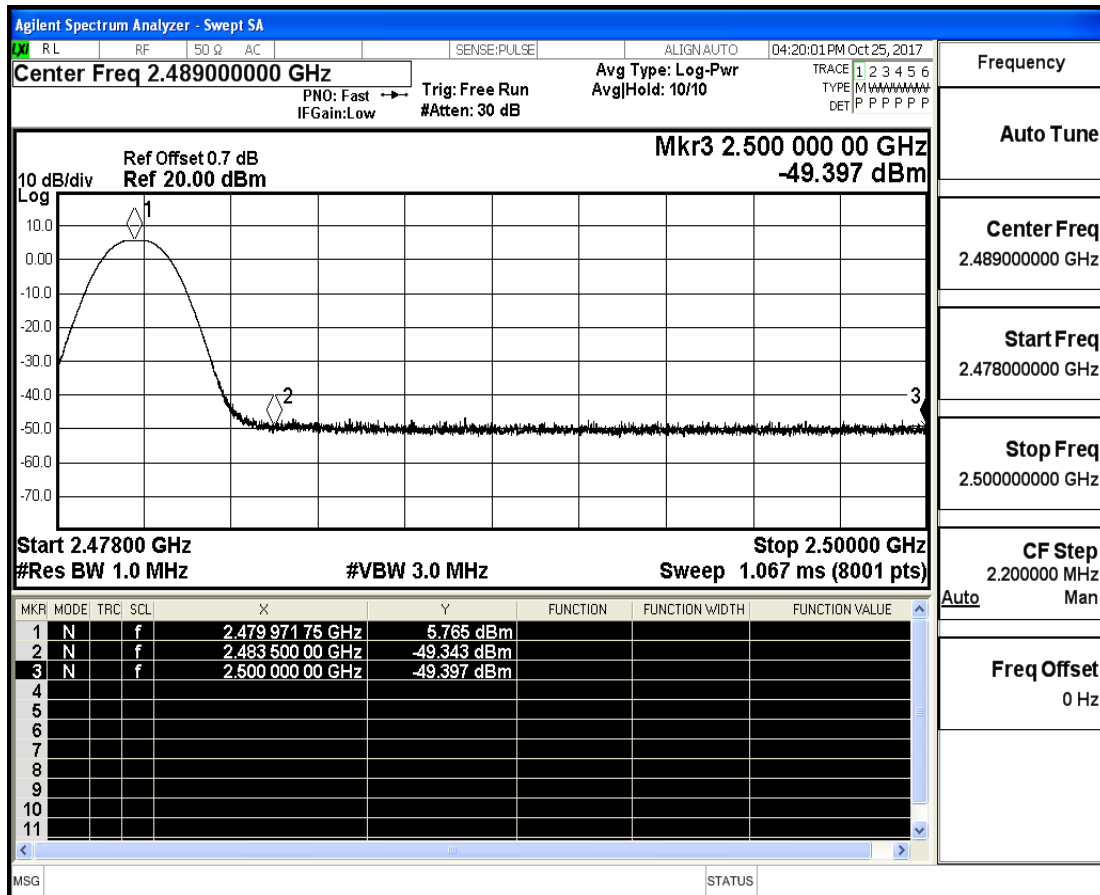
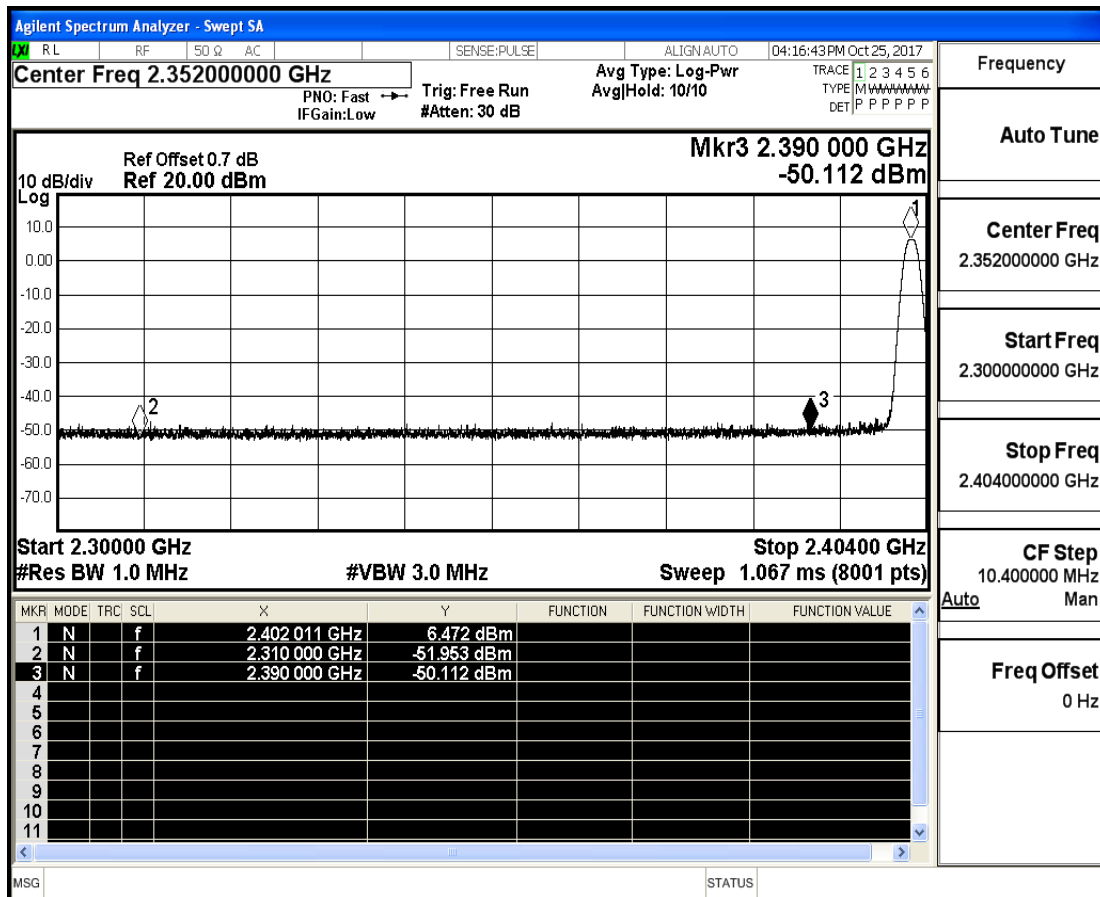
## RF Conducted Spurious Emissions\_3DH5\_2480



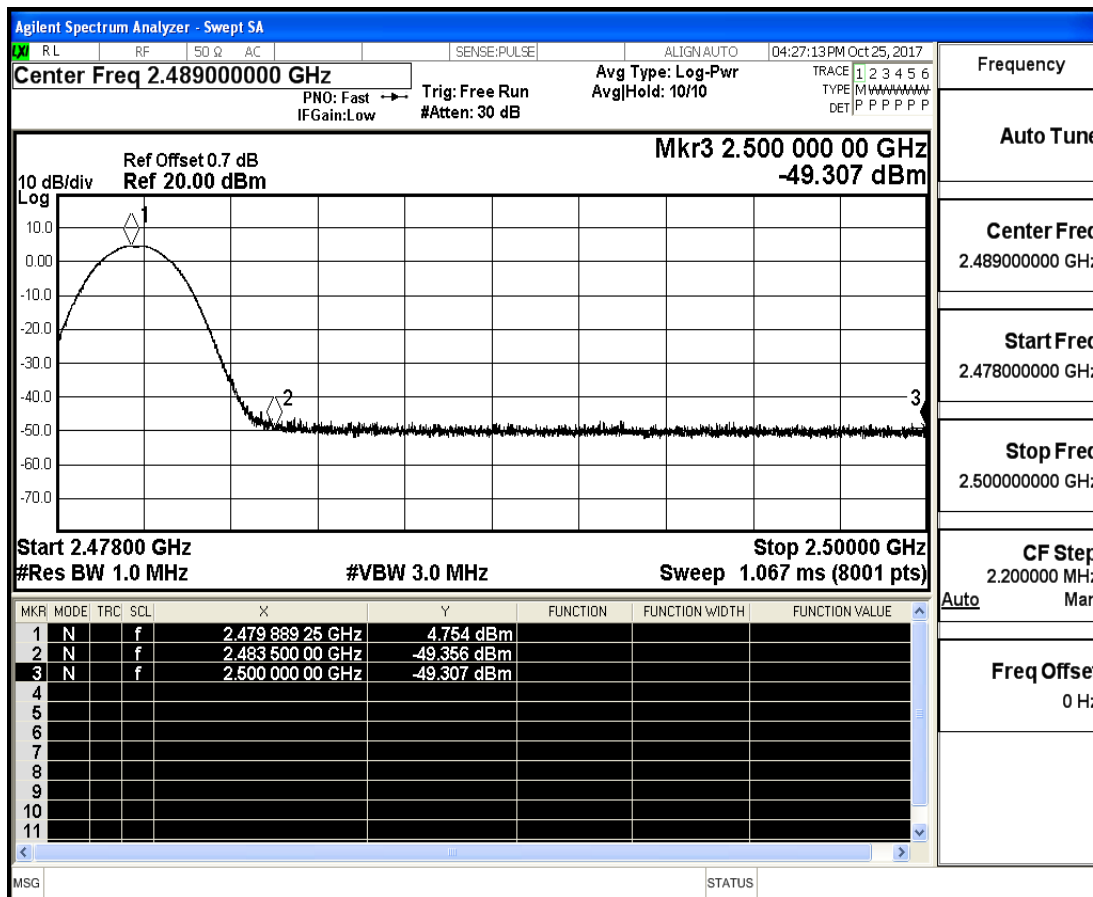
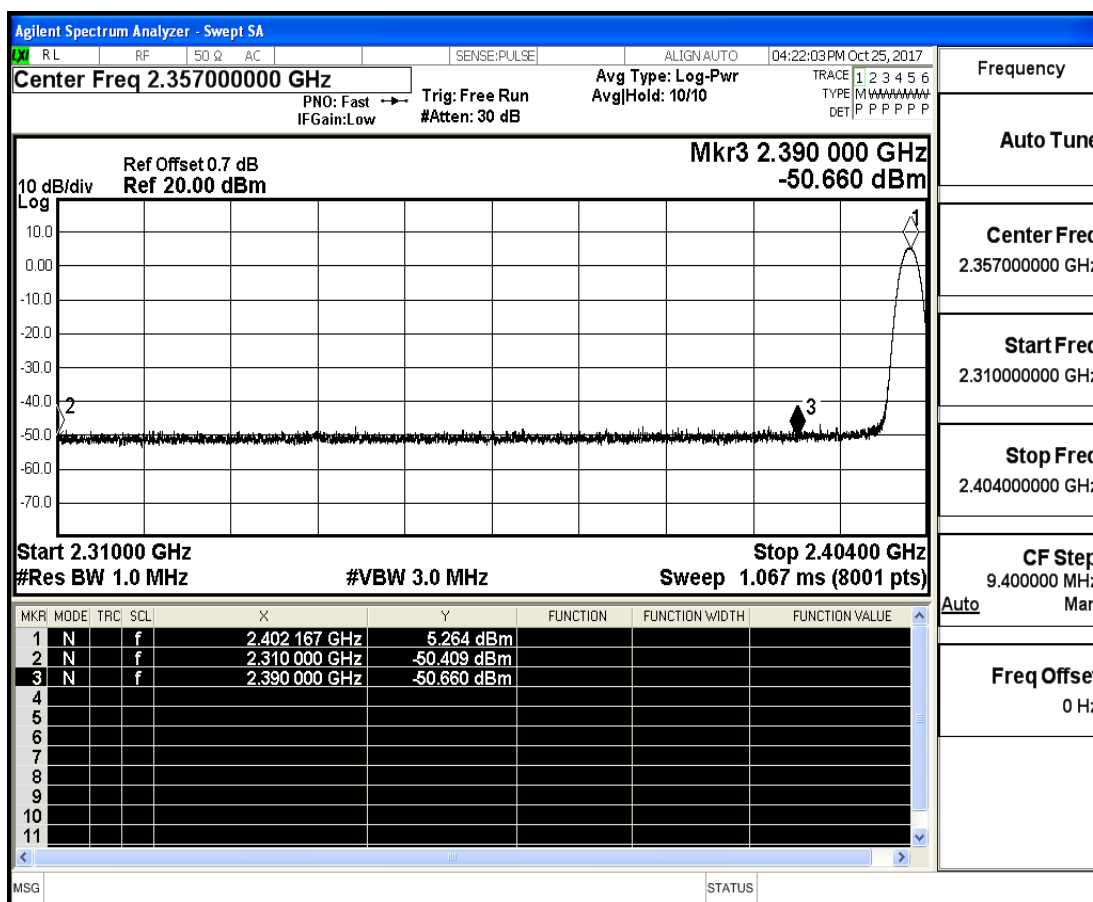
## 9.Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
DH5	On	2310.0	-51.95	2	0	45.31	PEAK	74	PASS
DH5	On	2390.0	-50.11	2	0	47.15	PEAK	74	PASS
DH5	On	2483.5	-49.34	2	0	47.92	PEAK	74	PASS
DH5	On	2500.0	-49.40	2	0	47.86	PEAK	74	PASS
2DH5	On	2310.0	-50.41	2	0	46.85	PEAK	74	PASS
2DH5	On	2390.0	-50.66	2	0	46.60	PEAK	74	PASS
2DH5	On	2483.5	-49.36	2	0	47.90	PEAK	74	PASS
2DH5	On	2500.0	-49.31	2	0	47.95	PEAK	74	PASS
3DH5	On	2310.0	-50.72	2	0	46.54	PEAK	74	PASS
3DH5	On	2390.0	-50.99	2	0	46.27	PEAK	74	PASS
3DH5	On	2483.5	-46.28	2	0	50.98	PEAK	74	PASS
3DH5	On	2500.0	-49.65	2	0	47.61	PEAK	74	PASS

Restrict-band band-edge DH1



## Restrict-band band-edge 2DH1



Restrict-band band-edge 3DH1

