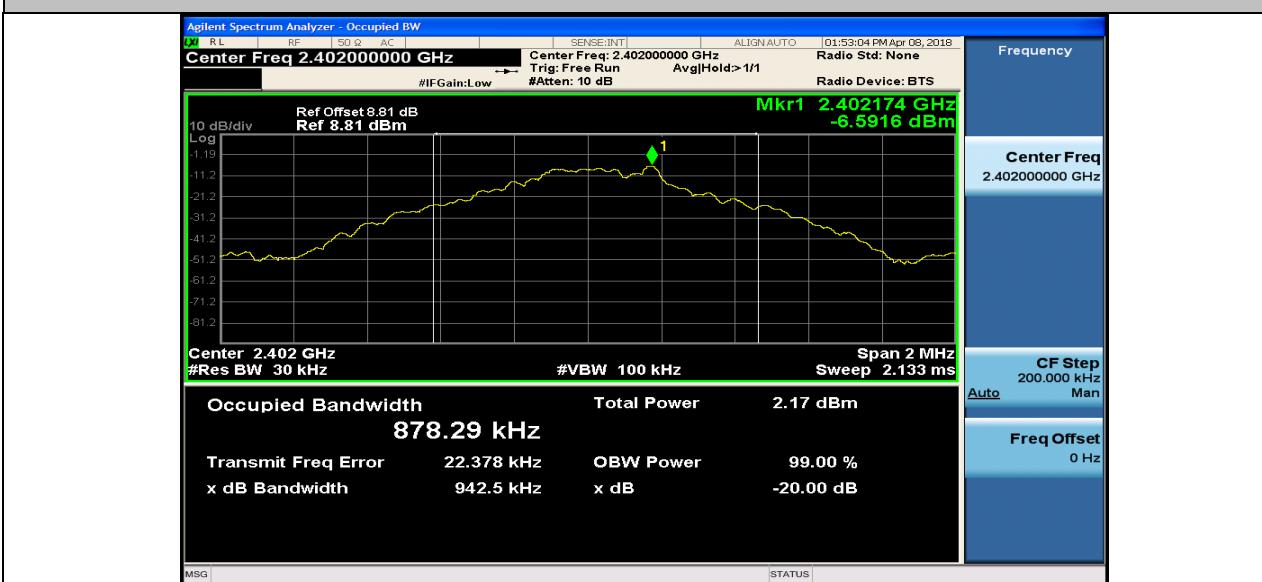


**Appendix A for SHEM180300220402****1.20 dB Bandwidth**

Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
DH5	2402	0.94	---	PASS
DH5	2441	0.94	---	PASS
DH5	2480	0.94	---	PASS
2DH5	2402	1.35	---	PASS
2DH5	2441	1.35	---	PASS
2DH5	2480	1.34	---	PASS
3DH5	2402	1.31	---	PASS
3DH5	2441	1.31	---	PASS
3DH5	2480	1.31	---	PASS

## 20 dB Bandwidth\_DH5\_2402



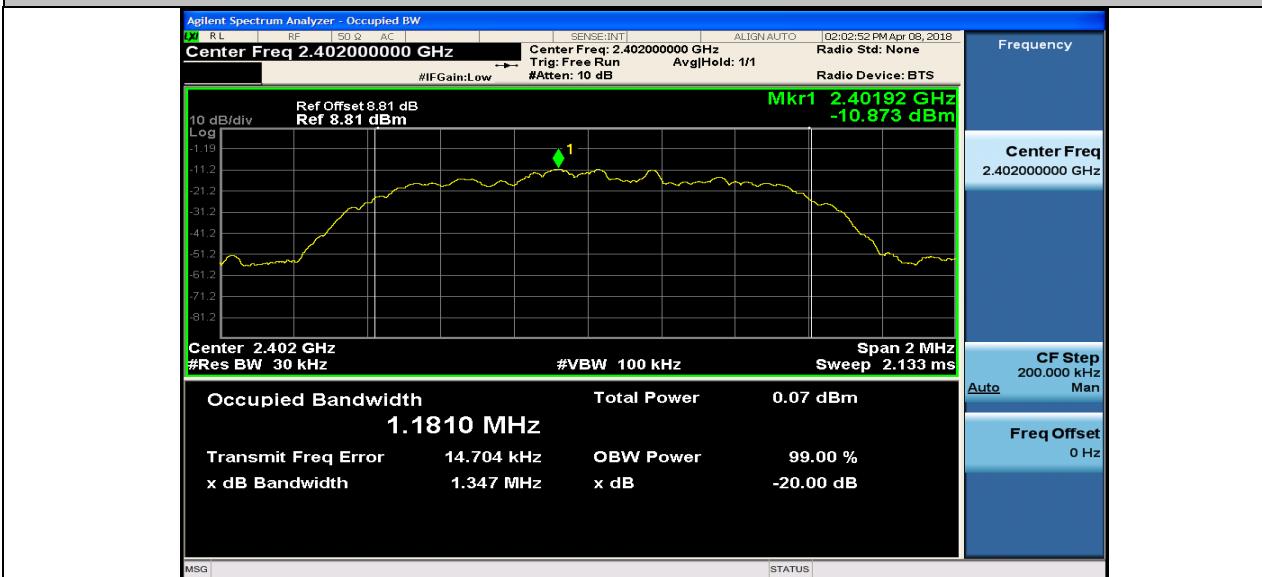
## 20 dB Bandwidth\_DH5\_2441



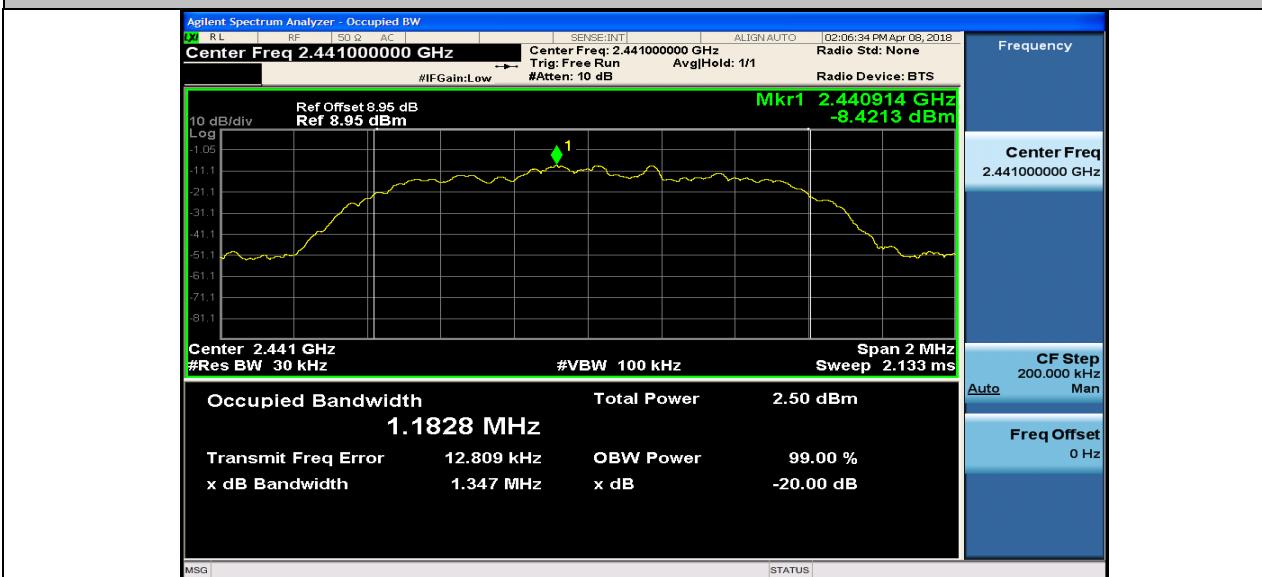
## 20 dB Bandwidth\_DH5\_2480



## 20 dB Bandwidth\_2DH5\_2402



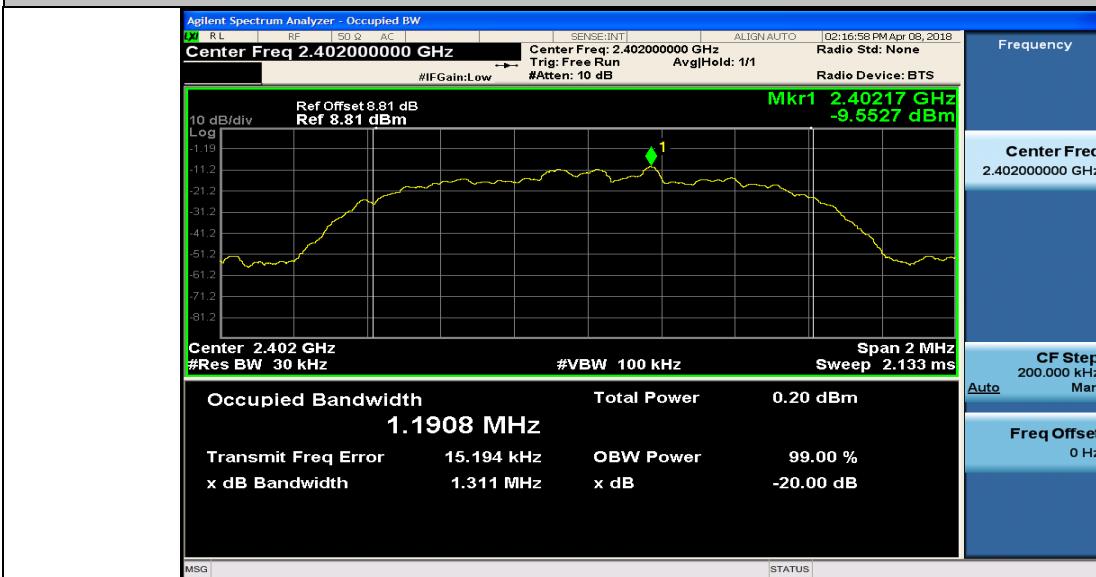
## 20 dB Bandwidth\_2DH5\_2441



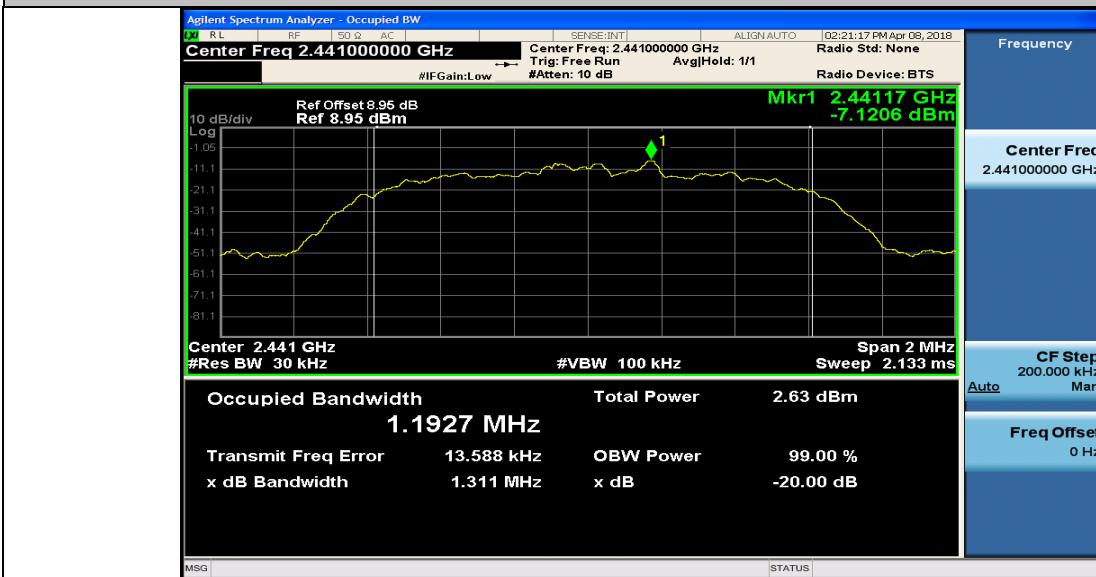
## 20 dB Bandwidth\_2DH5\_2480



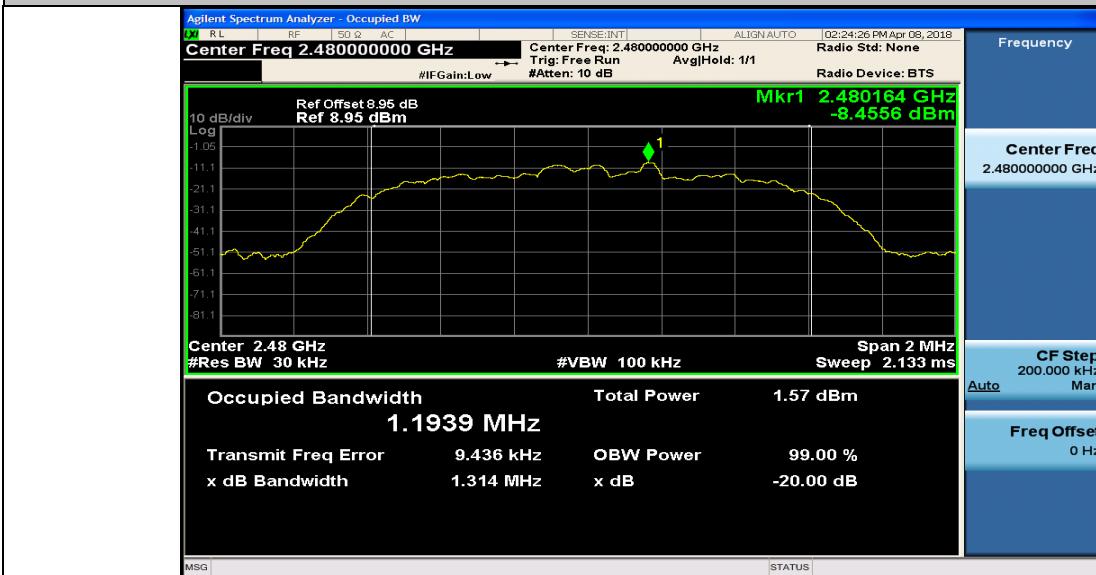
## 20 dB Bandwidth\_3DH5\_2402



## 20 dB Bandwidth\_3DH5\_2441



## 20 dB Bandwidth\_3DH5\_2480



**2.Occupied Bandwidth**

Test Mode	Test Channel	OBW[MHz]	Limit[MHz]	Verdict
DH5	2402	0.89	---	PASS
DH5	2441	0.89	---	PASS
DH5	2480	0.89	---	PASS
2DH5	2402	1.19	---	PASS
2DH5	2441	1.19	---	PASS
2DH5	2480	1.19	---	PASS
3DH5	2402	1.20	---	PASS
3DH5	2441	1.20	---	PASS
3DH5	2480	1.20	---	PASS

## Occupied Bandwidth\_DH5\_2402



## Occupied Bandwidth\_DH5\_2441



## Occupied Bandwidth\_DH5\_2480



## Occupied Bandwidth\_2DH5\_2402



## Occupied Bandwidth\_2DH5\_2441



## Occupied Bandwidth\_2DH5\_2480



## Occupied Bandwidth\_3DH5\_2402



## Occupied Bandwidth\_3DH5\_2441



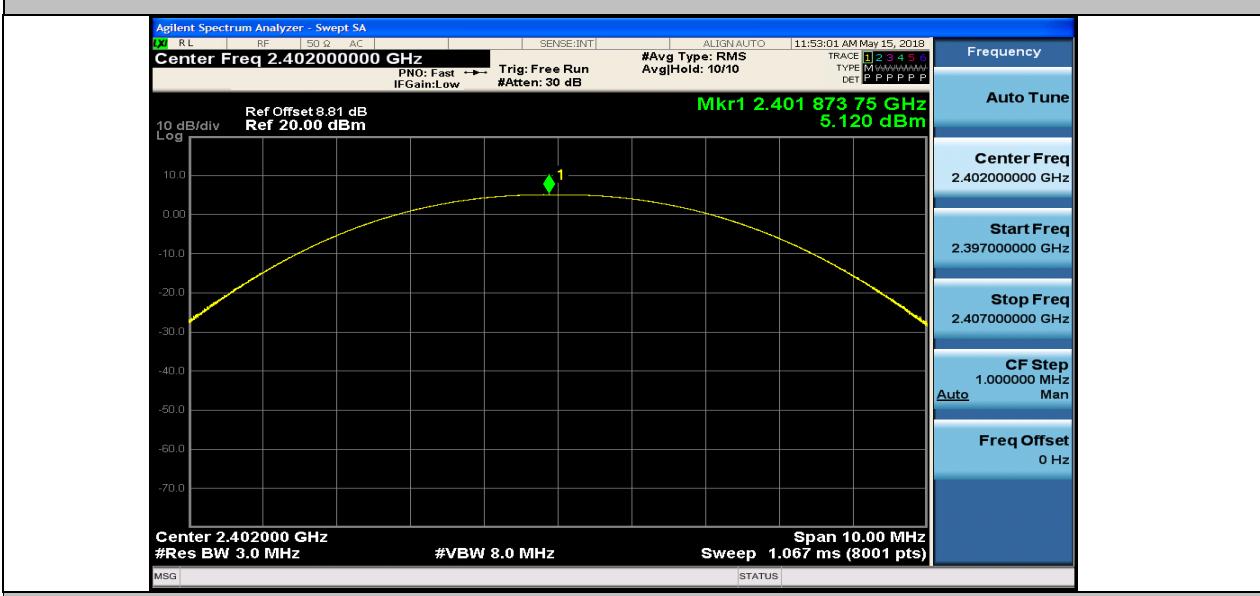
## Occupied Bandwidth\_3DH5\_2480



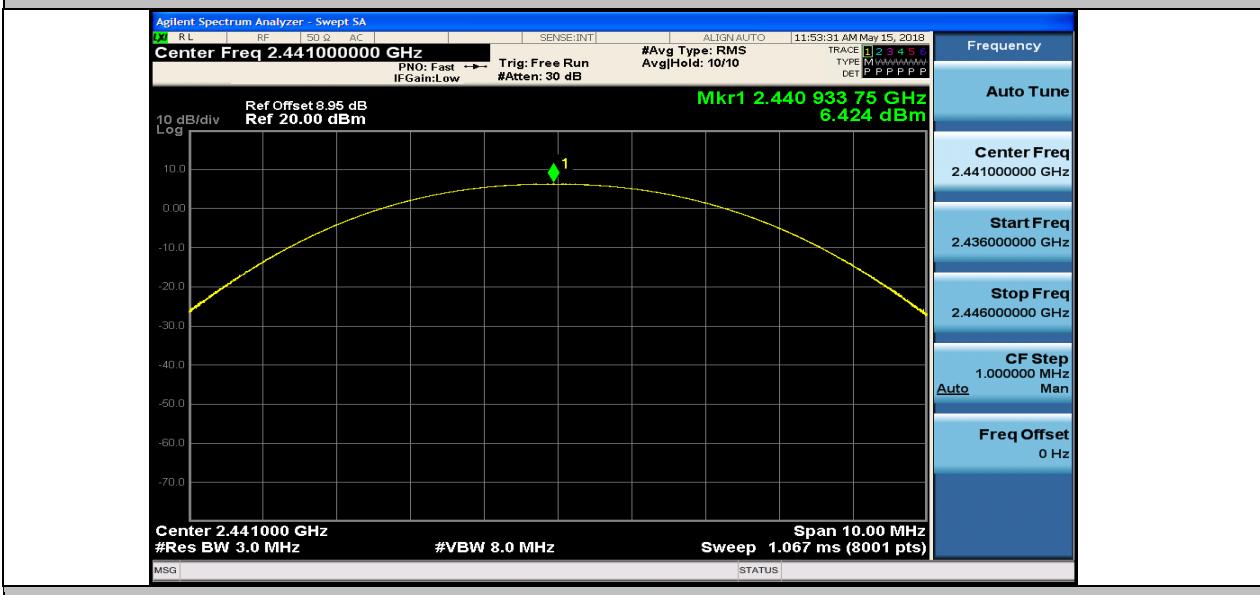
## 3. Conducted Peak Output Power

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
DH5	2402	5.12	21	PASS
DH5	2441	6.42	21	PASS
DH5	2480	6.34	21	PASS
2DH5	2402	1.68	21	PASS
2DH5	2441	3.12	21	PASS
2DH5	2480	3.09	21	PASS
3DH5	2402	2.16	21	PASS
3DH5	2441	3.64	21	PASS
3DH5	2480	3.62	21	PASS

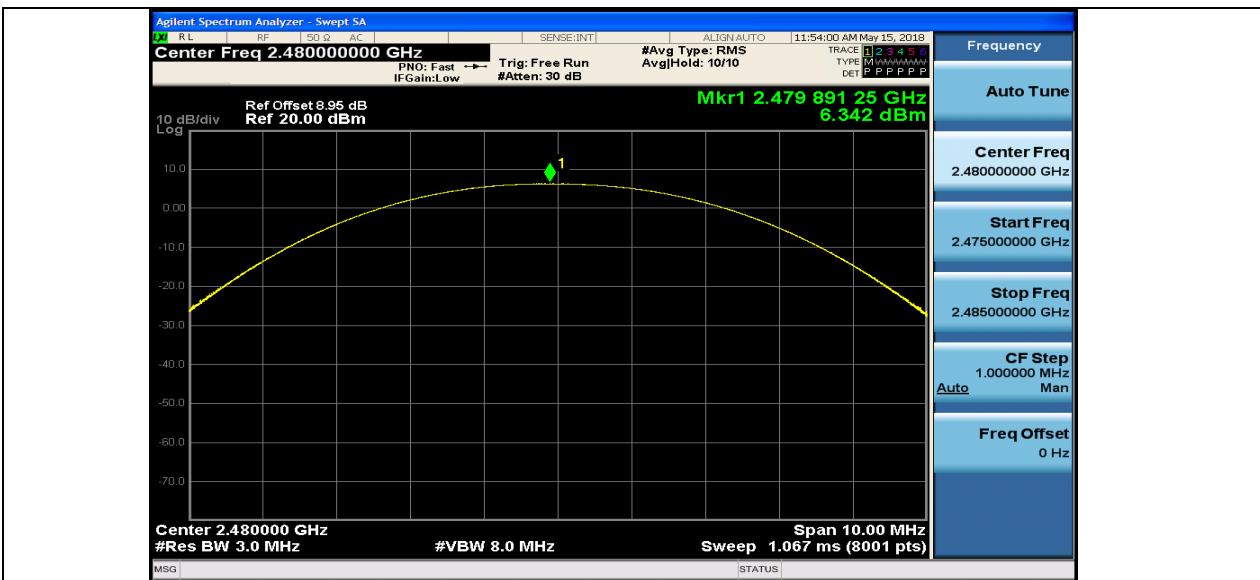
## Conducted Peak Output Power\_DH5\_2402



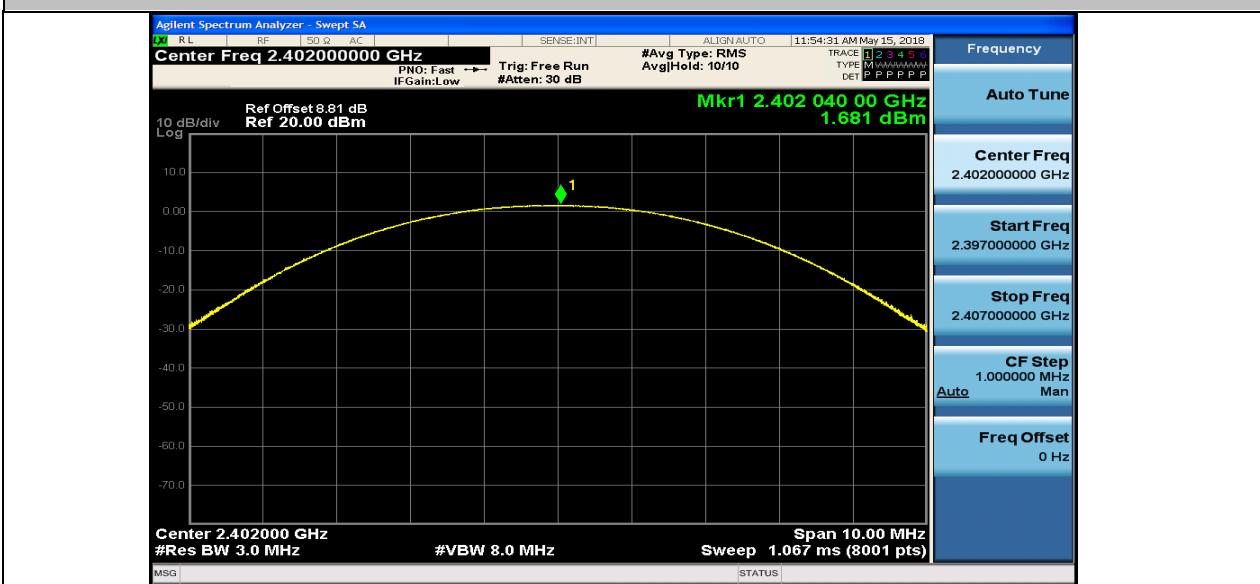
## Conducted Peak Output Power\_DH5\_2441



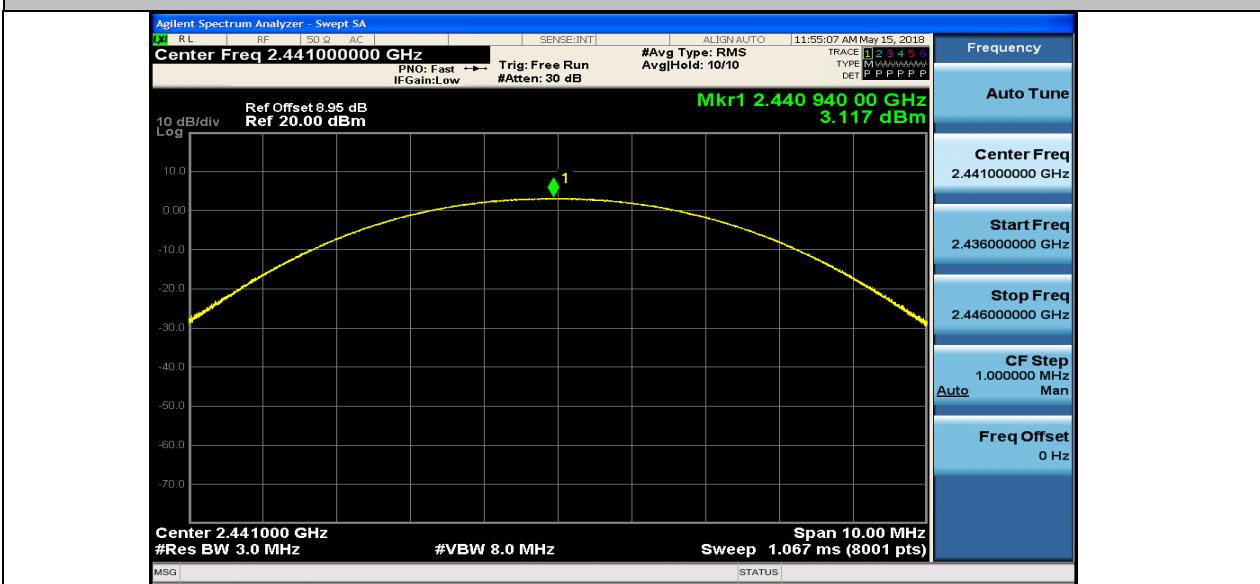
## Conducted Peak Output Power\_DH5\_2480



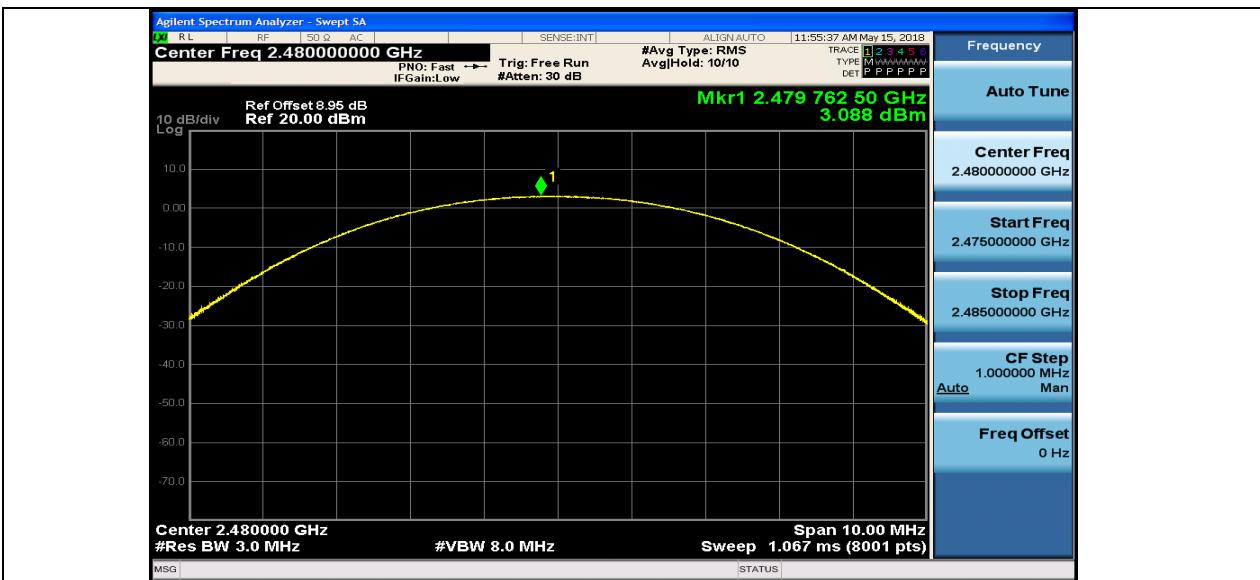
### Conducted Peak Output Power\_2DH5\_2402



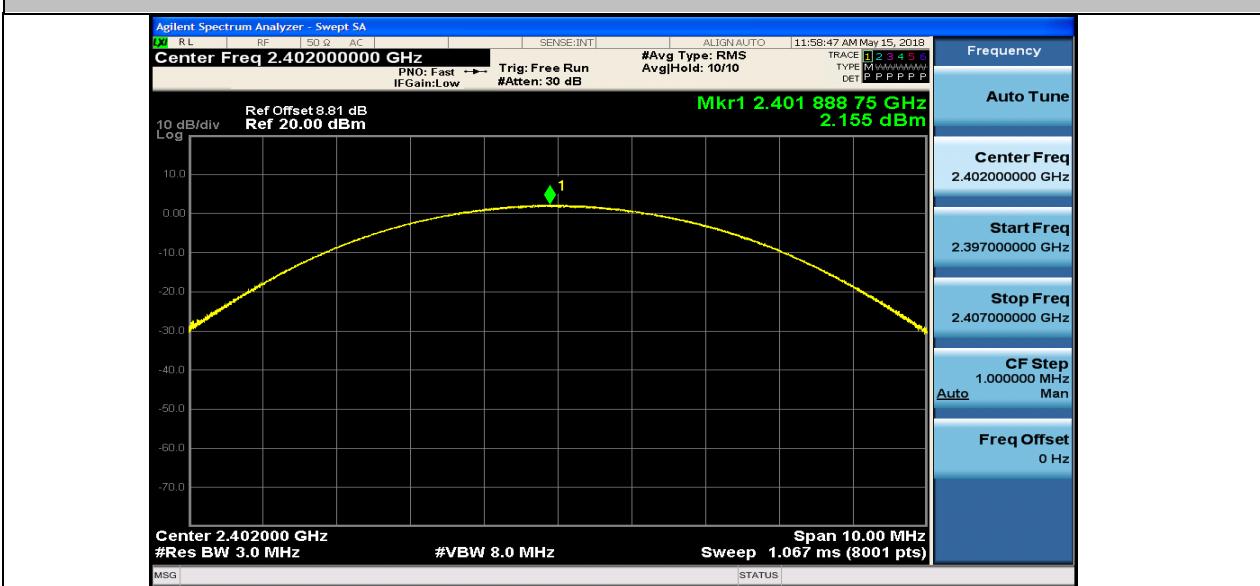
### Conducted Peak Output Power\_2DH5\_2441



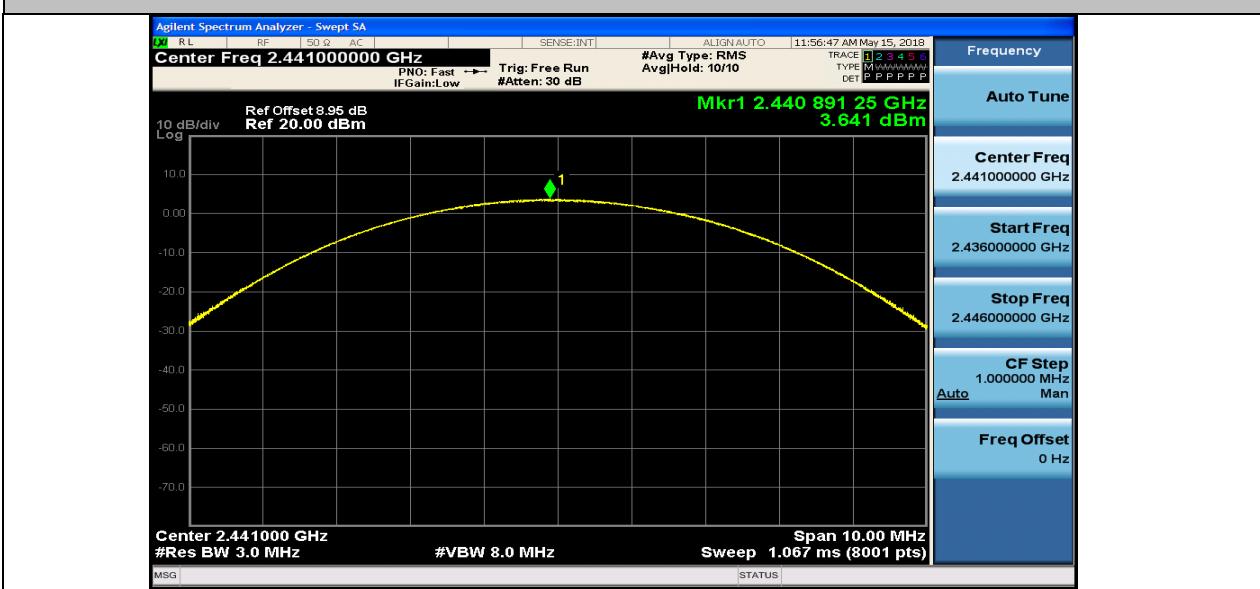
### Conducted Peak Output Power\_2DH5\_2480



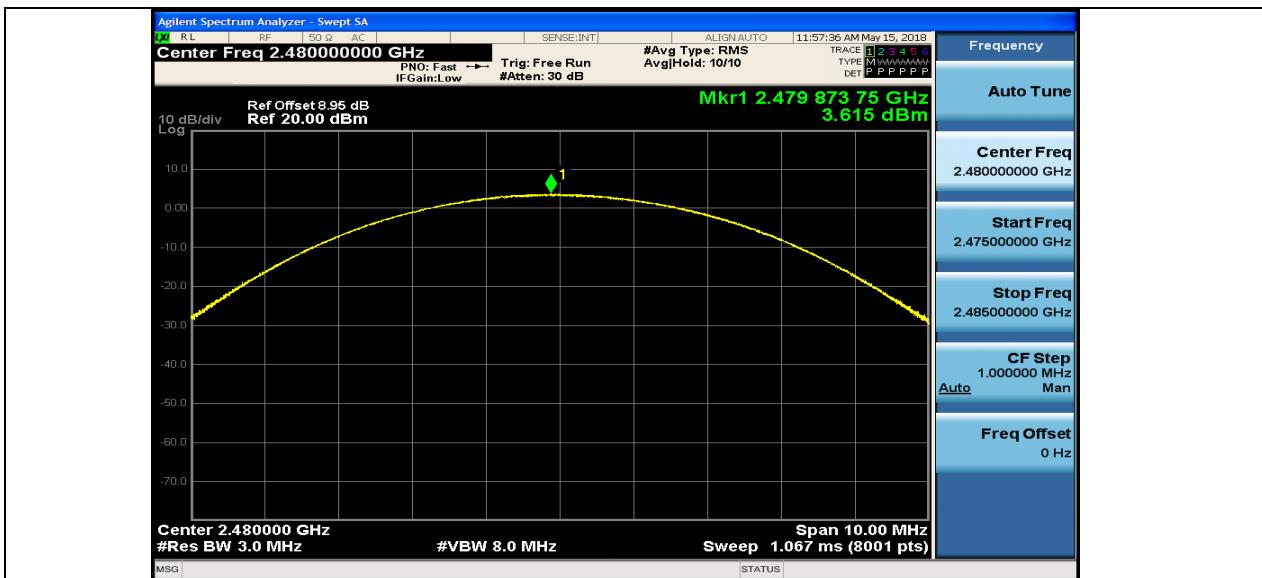
## Conducted Peak Output Power\_3DH5\_2402



## Conducted Peak Output Power\_3DH5\_2441



## Conducted Peak Output Power\_3DH5\_2480





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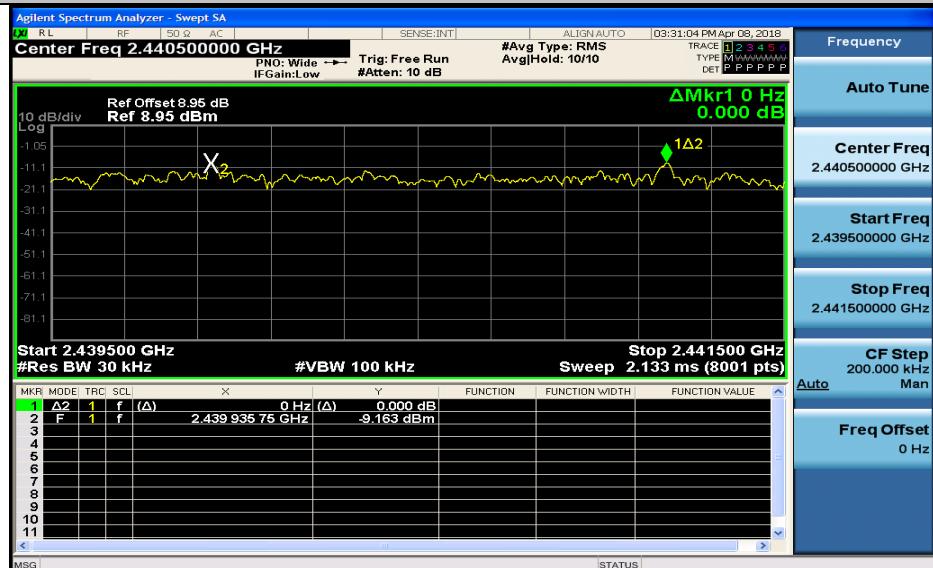
**4.Carrier Frequency Separation**

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	2441	1.00	0.627	PASS
2DH5	2441	1.24	0.898	PASS
3DH5	2441	1.16	0.874	PASS

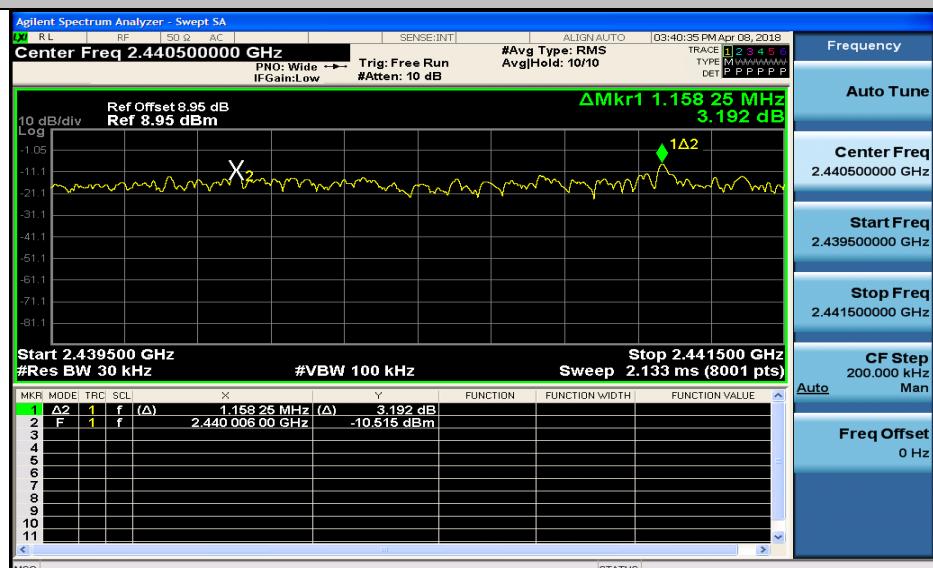
Carrier Frequency Separation\_DH5\_2441



Carrier Frequency Separation\_2DH5\_2441

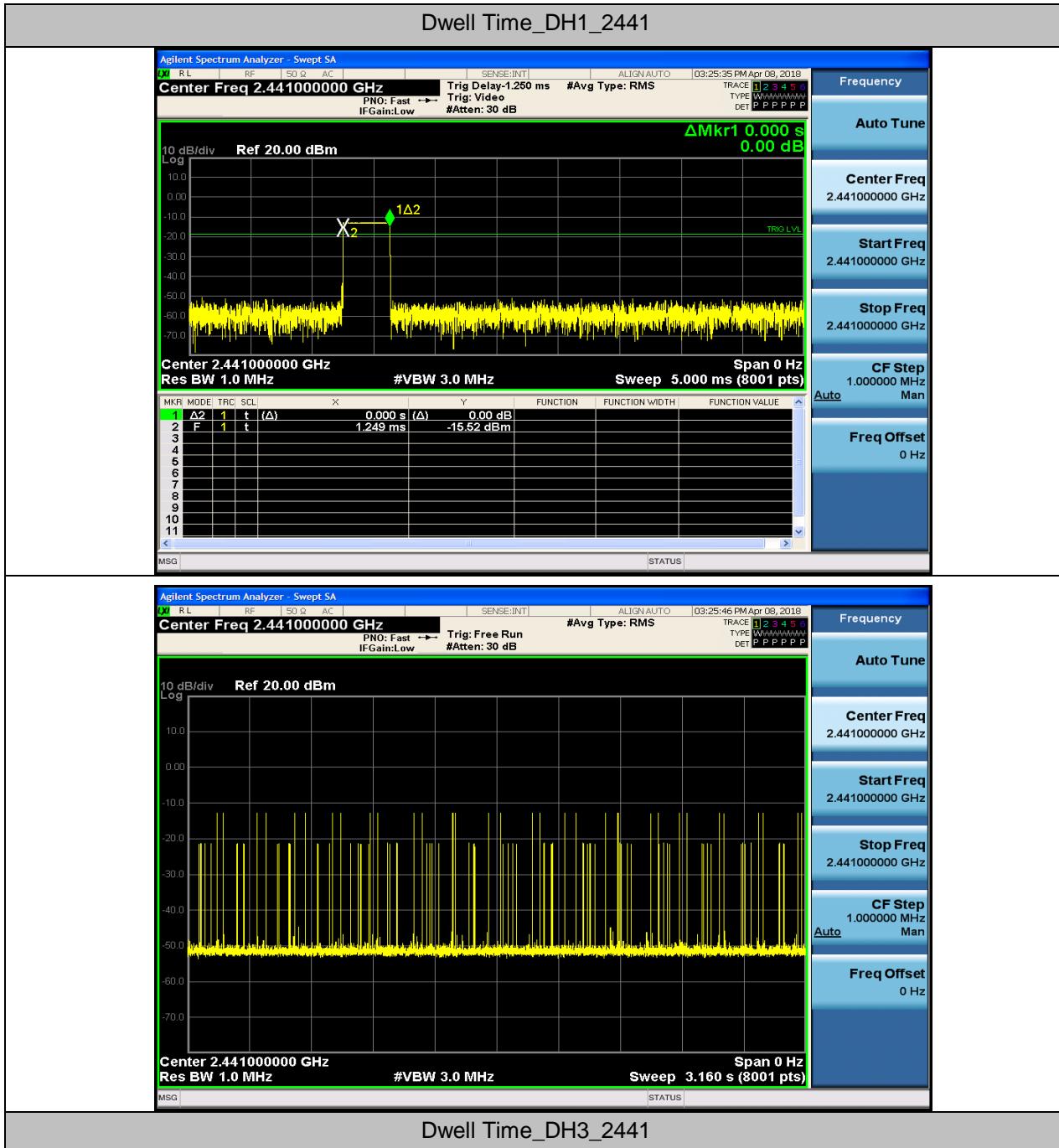


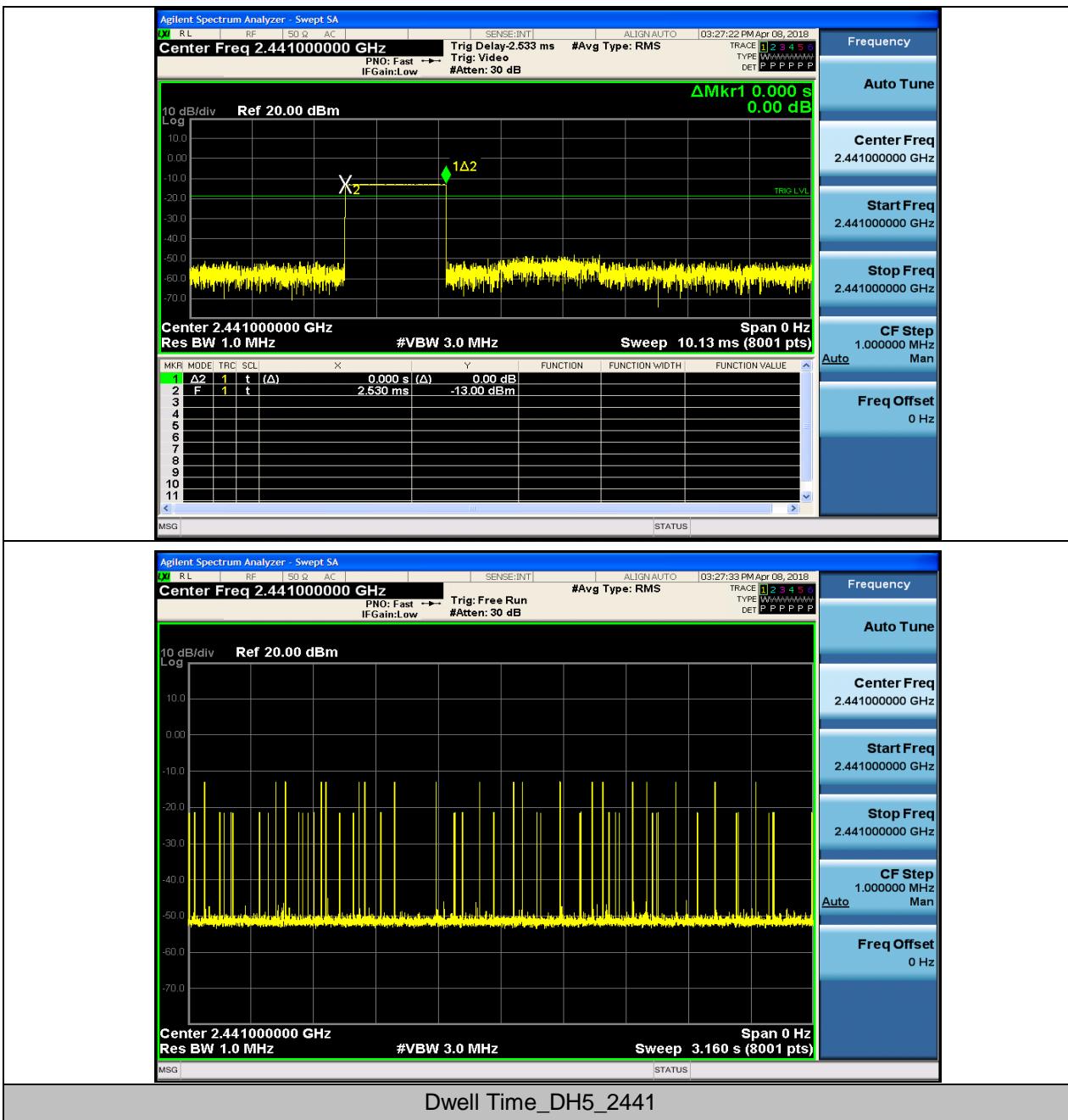
Carrier Frequency Separation 3DH5 2441

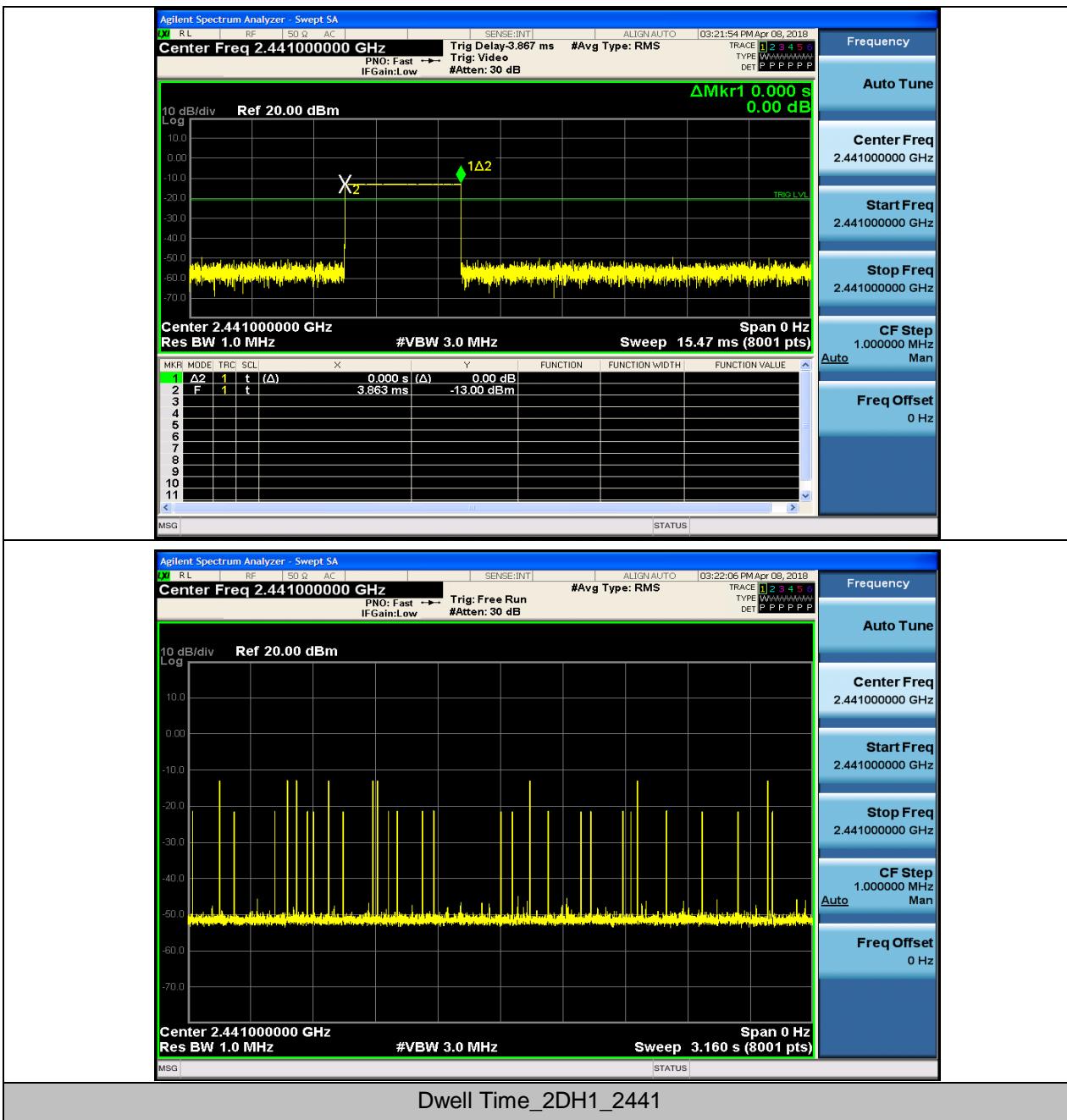


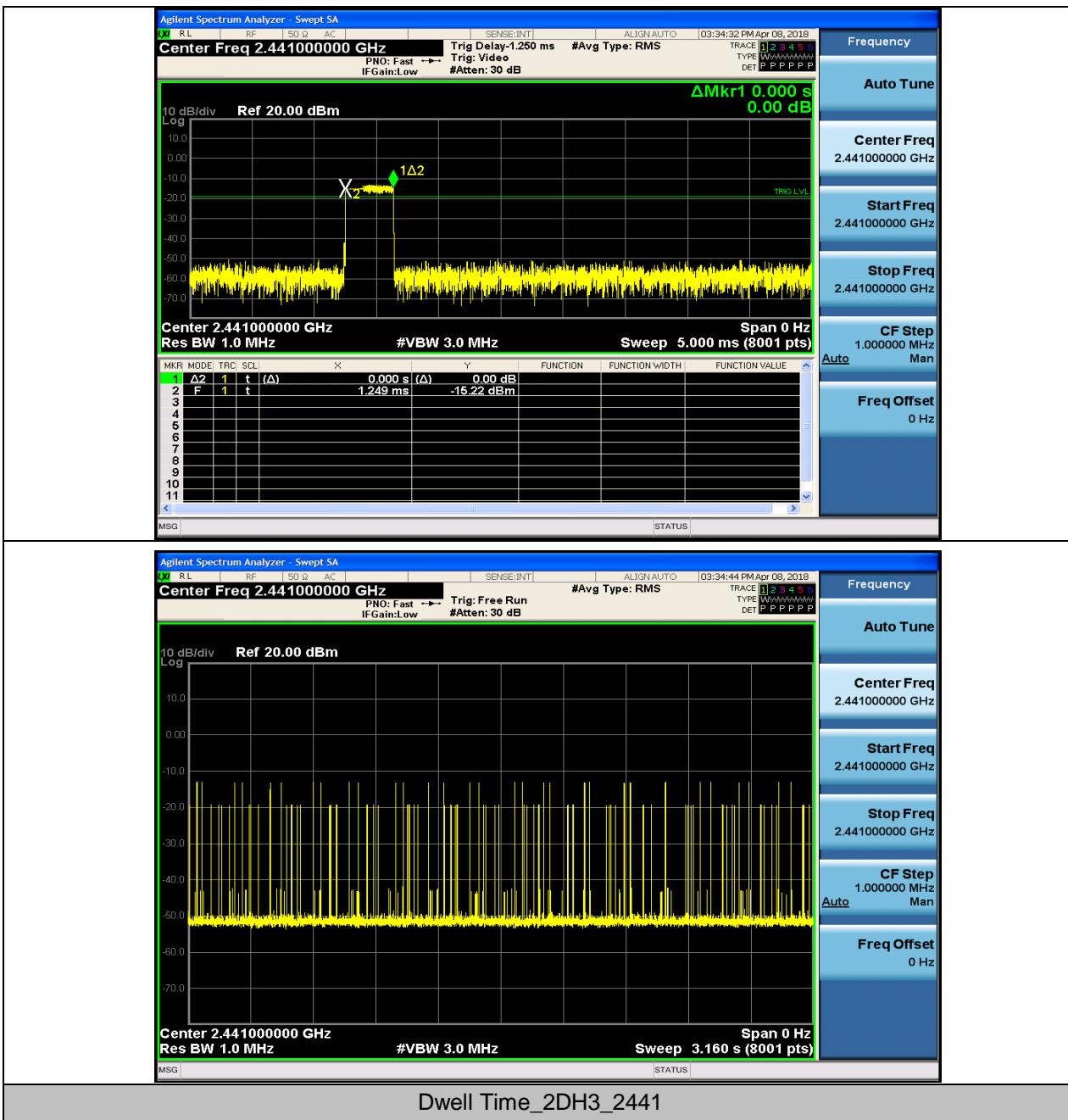
**5.Dwell Time**

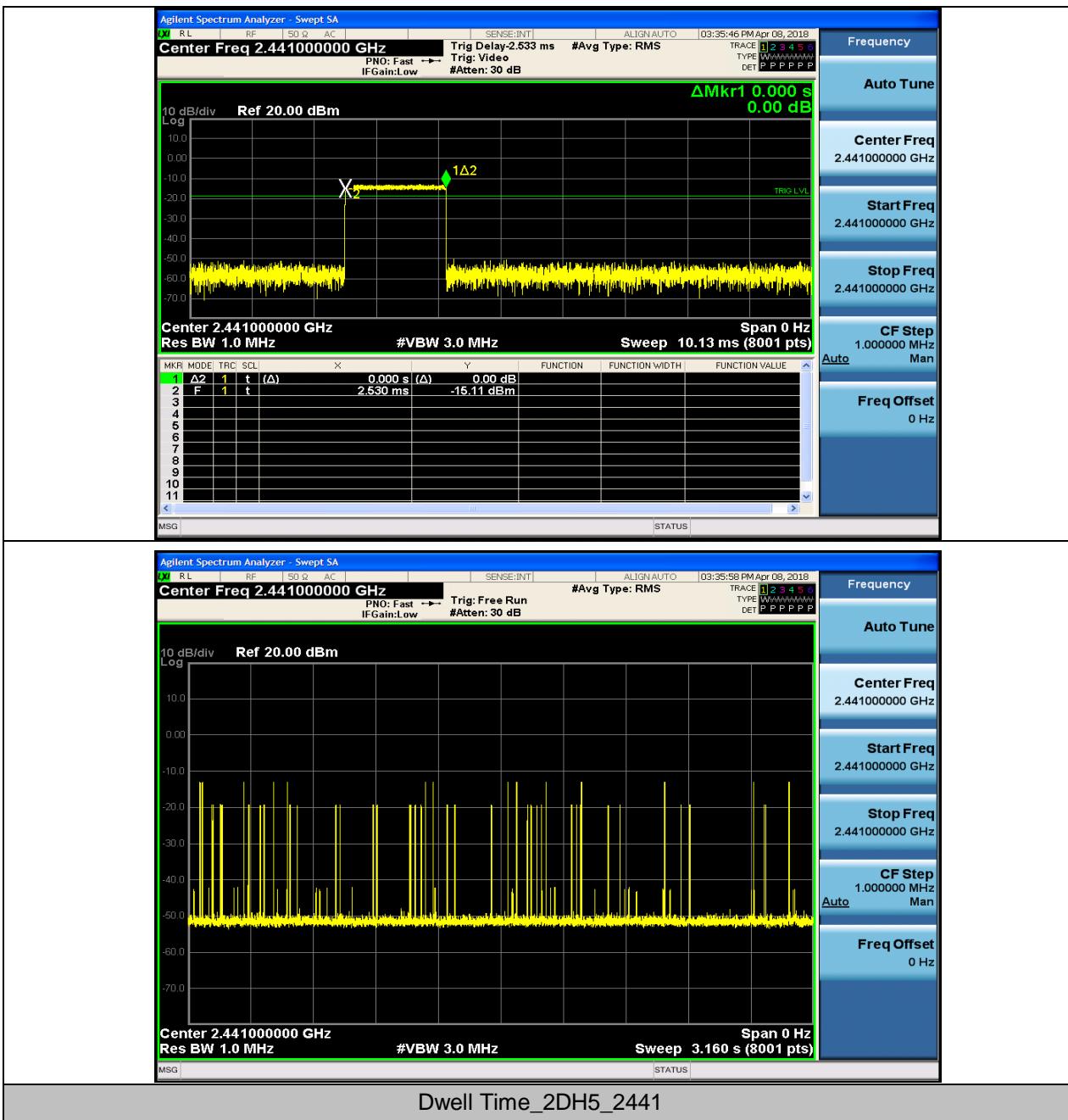
Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
DH1	2441	0.38	310	0.12	0.4	PASS
DH3	2441	1.64	200	0.33	0.4	PASS
DH5	2441	2.88	90	0.26	0.4	PASS
2DH1	2441	0.39	310	0.12	0.4	PASS
2DH3	2441	1.64	130	0.21	0.4	PASS
2DH5	2441	2.89	90	0.26	0.4	PASS
3DH1	2441	0.39	310	0.12	0.4	PASS
3DH3	2441	1.64	130	0.21	0.4	PASS
3DH5	2441	2.89	110	0.32	0.4	PASS

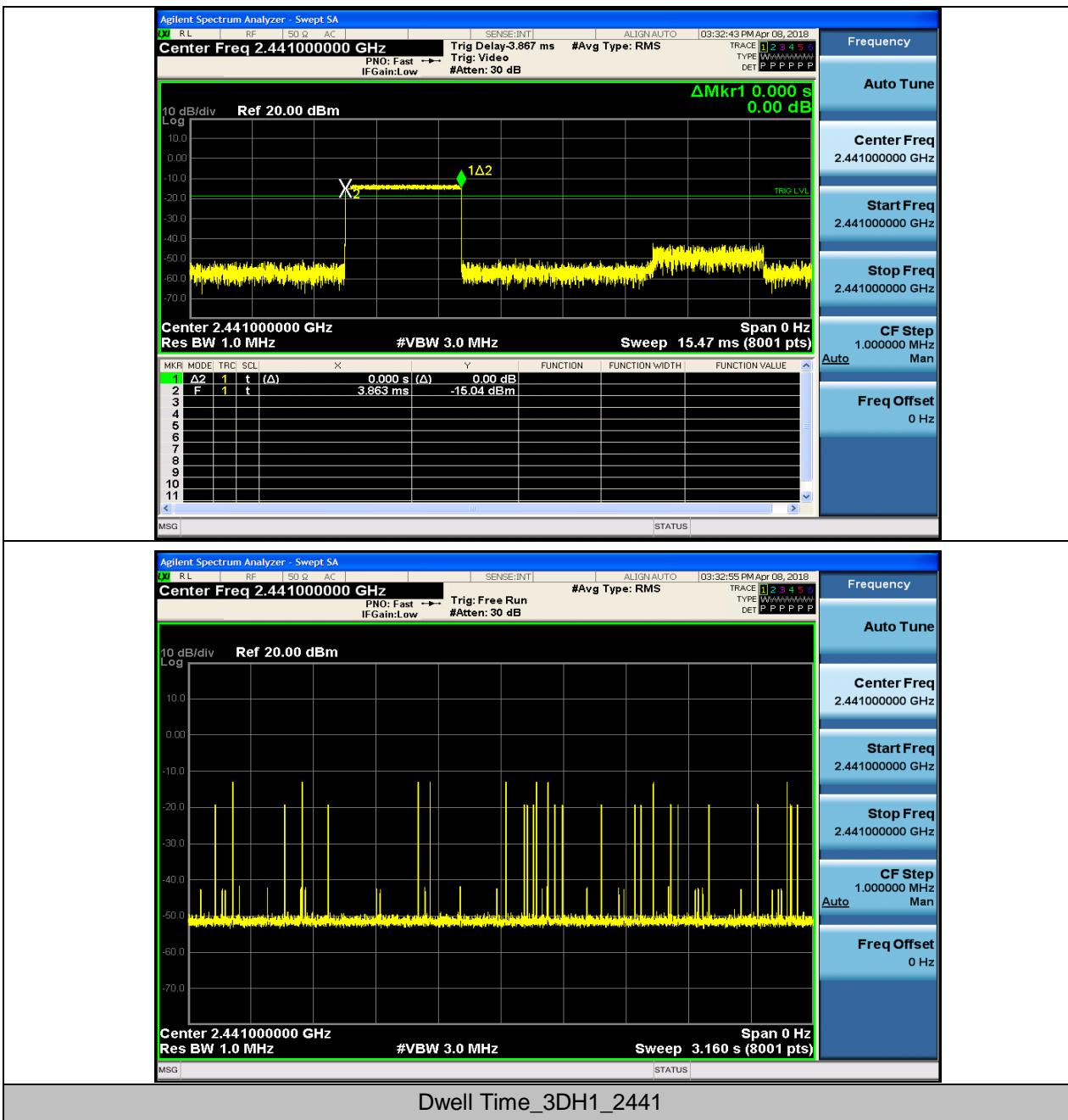


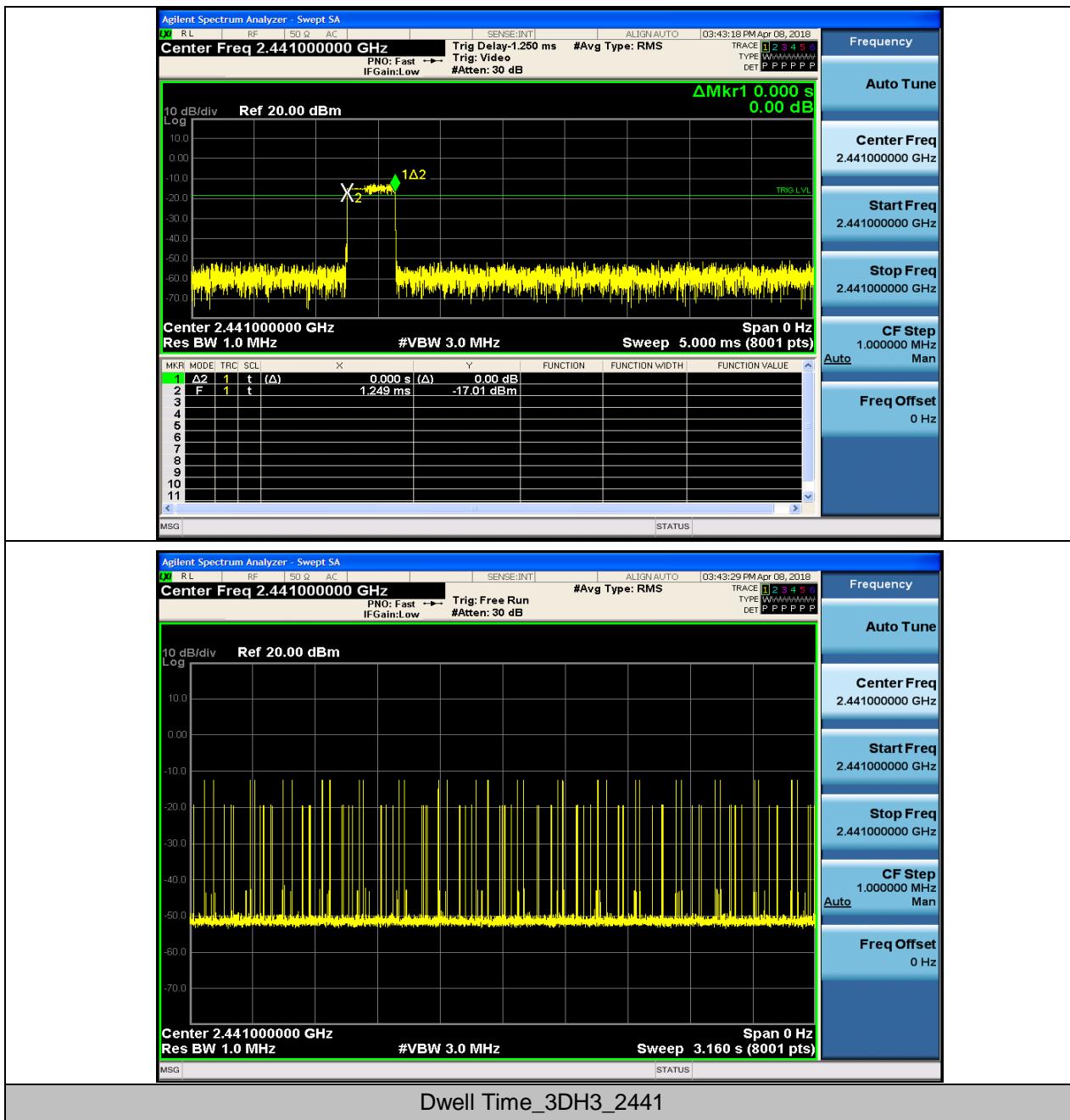


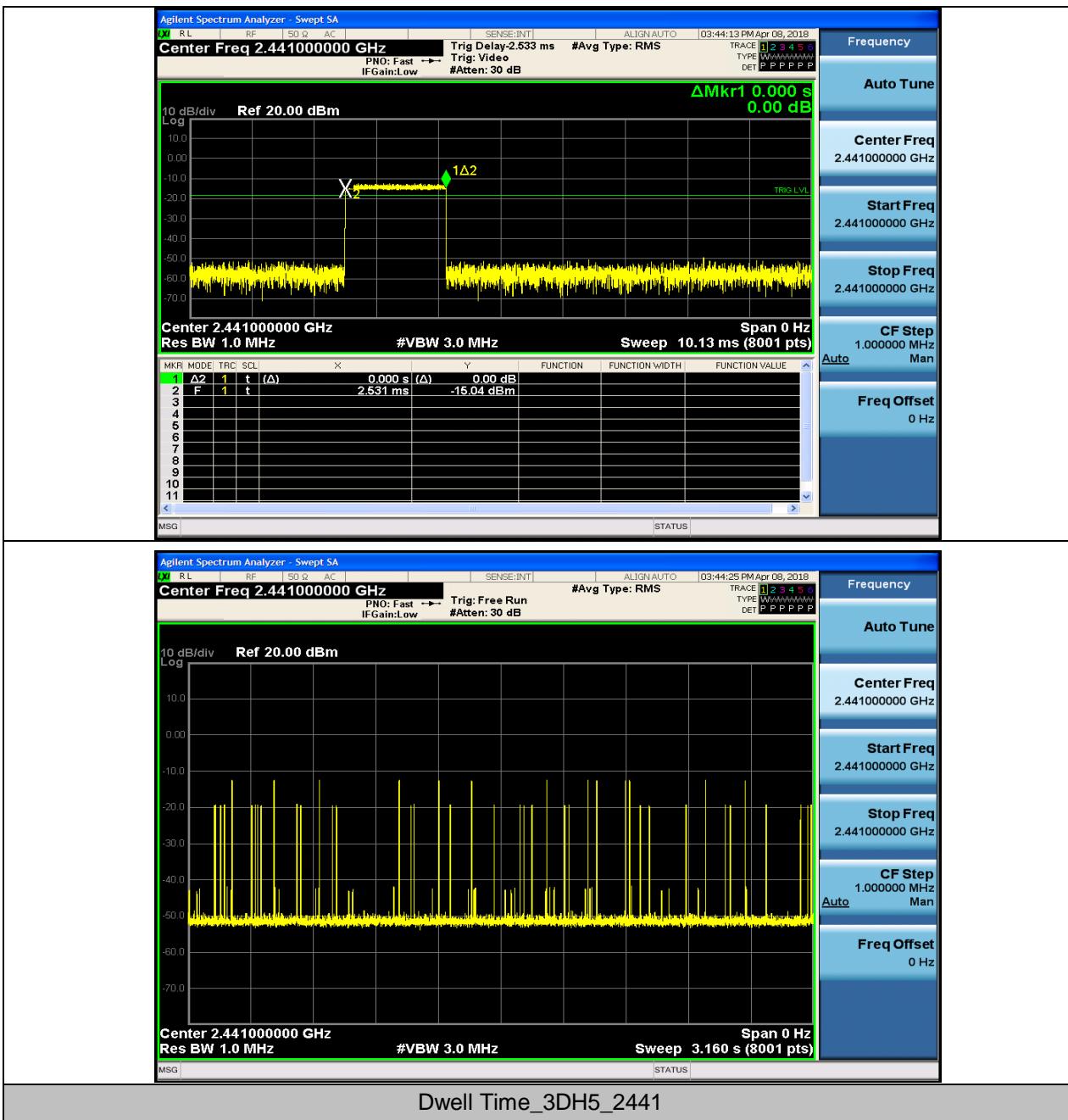


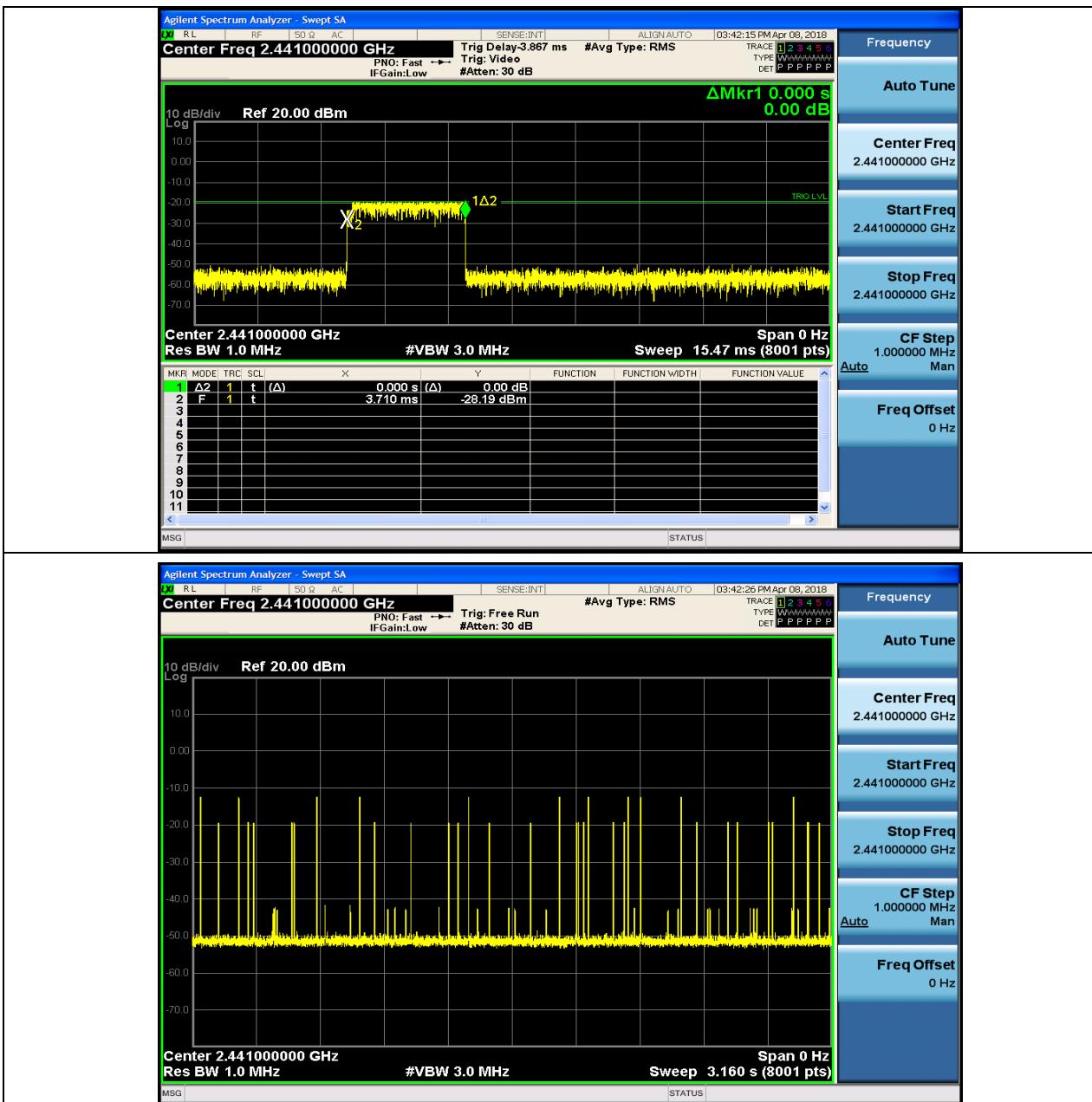






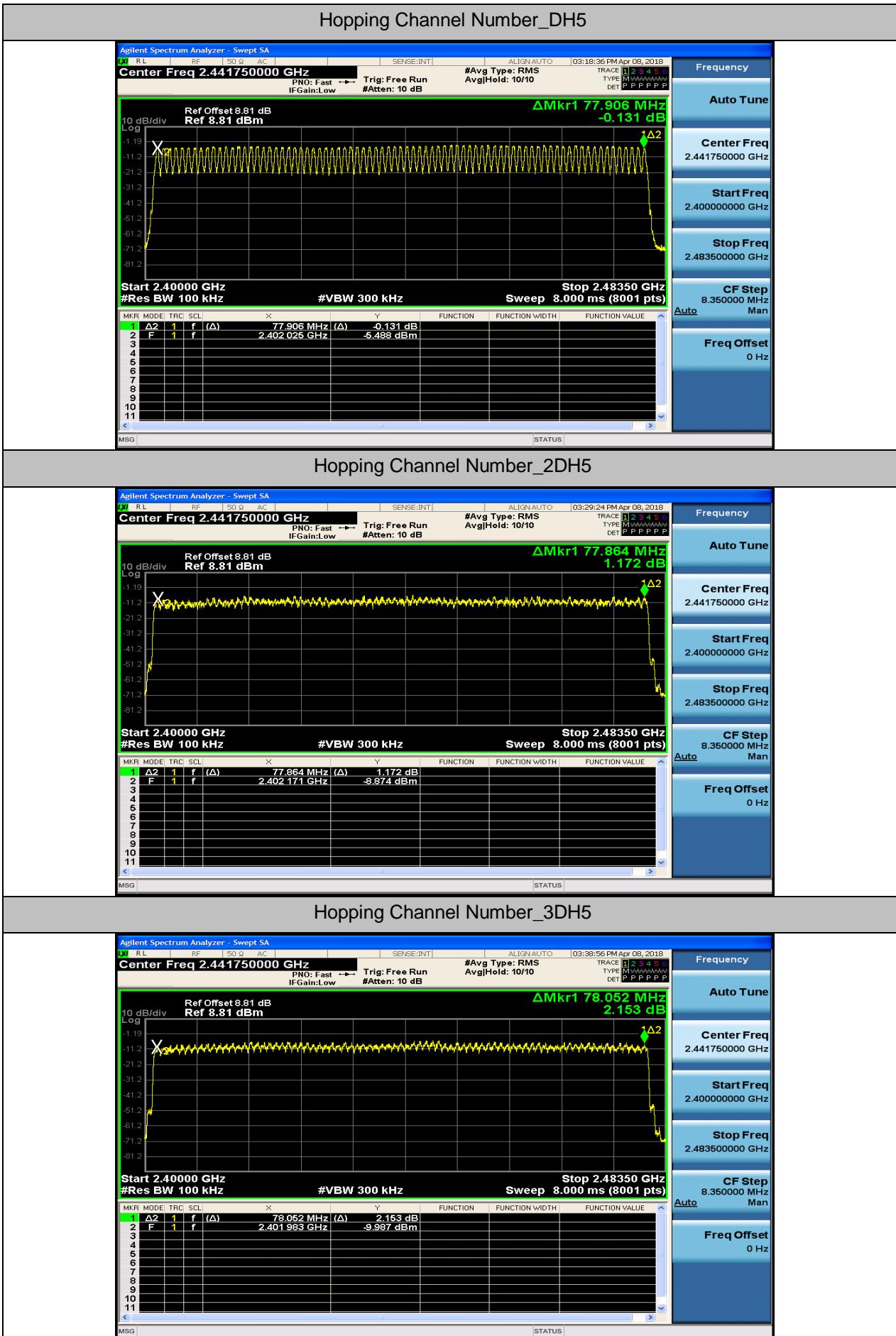






**6.Hopping Channel Number**

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



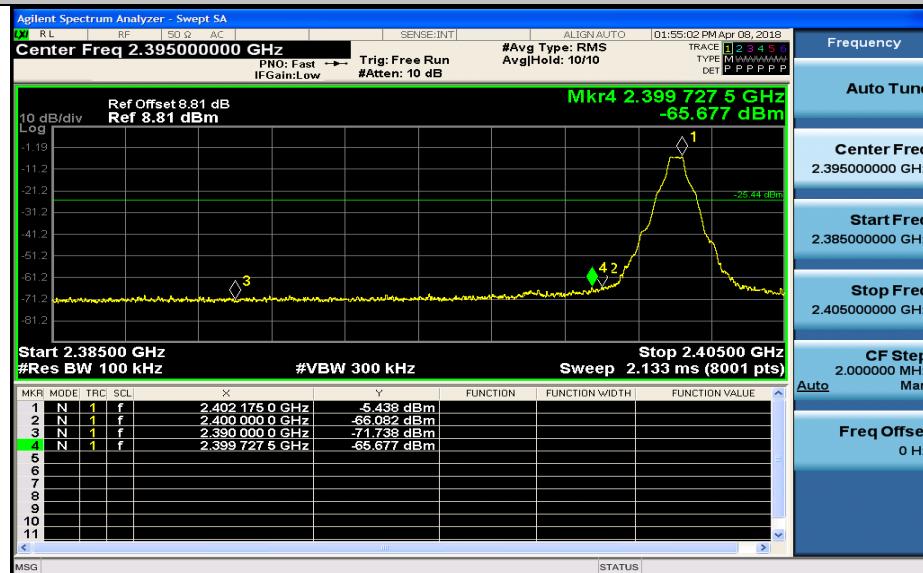
**7.Band-edge for RF Conducted Emissions**

Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
DH5	2402	On	-5.35	-67.29	-25.35	PASS
DH5	2402	Off	-5.44	-65.68	-25.44	PASS
DH5	2480	On	-5.02	-68.19	-25.02	PASS
DH5	2480	Off	-4.66	-67.58	-24.66	PASS
2DH5	2402	On	-9.45	-66.67	-29.45	PASS
2DH5	2402	Off	-8.48	-64.22	-28.48	PASS
2DH5	2480	On	-7.66	-68.22	-27.66	PASS
2DH5	2480	Off	-7.18	-68.30	-27.18	PASS
3DH5	2402	On	-9.27	-66.49	-29.27	PASS
3DH5	2402	Off	-8.46	-63.20	-28.46	PASS
3DH5	2480	On	-7.40	-68.67	-27.40	PASS
3DH5	2480	Off	-7.11	-68.18	-27.11	PASS

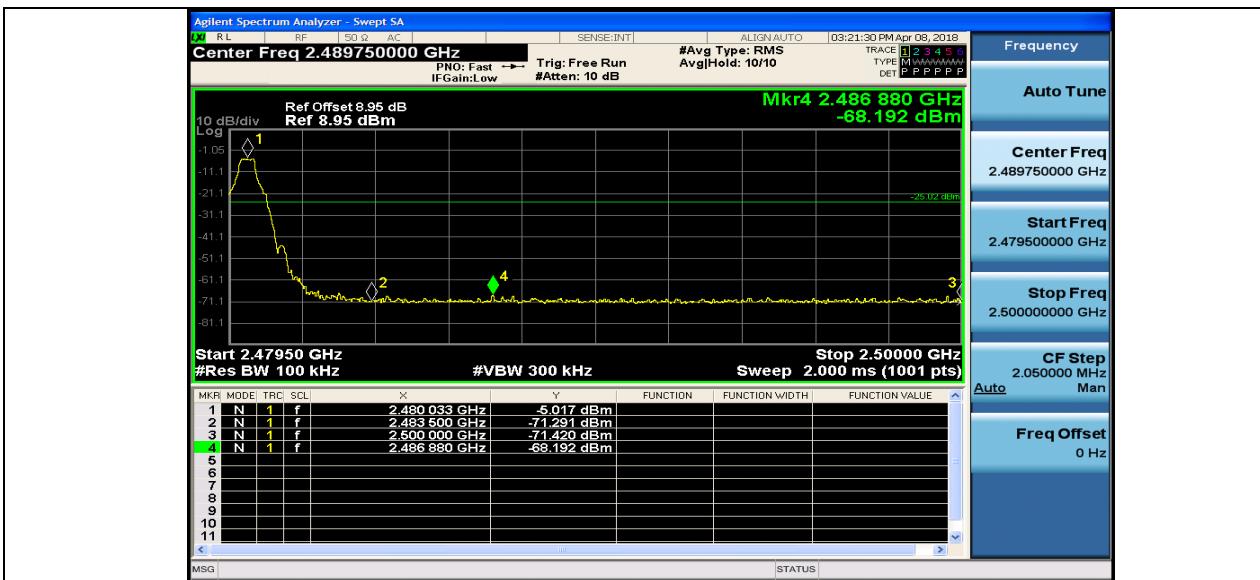
## Band-edge for RF Conducted Emissions\_DH5\_2402\_Hopping On



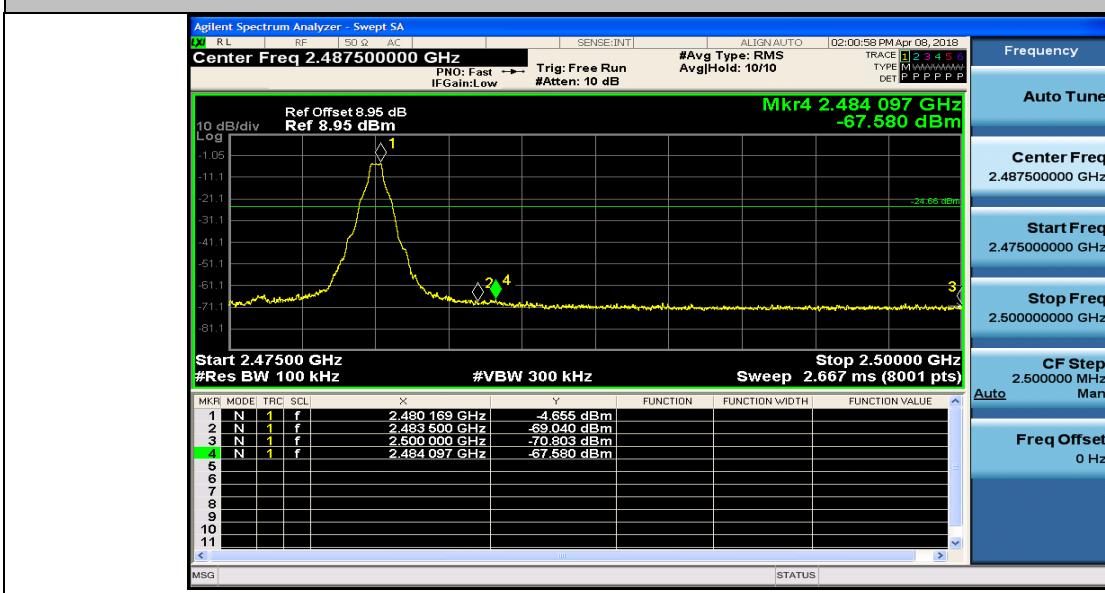
## Band-edge for RF Conducted Emissions\_DH5\_2402\_Hopping Off



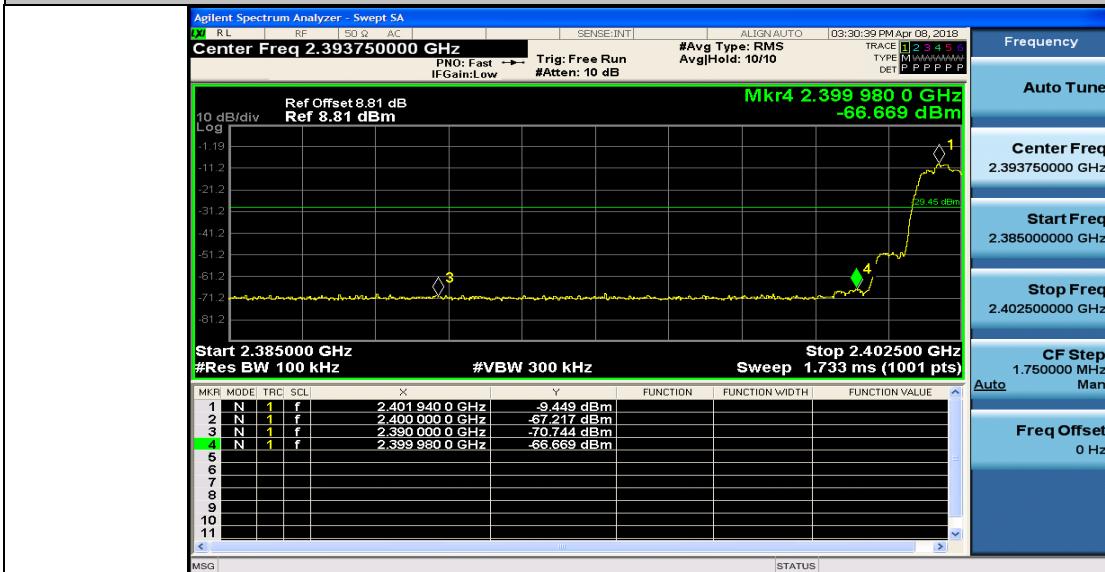
## Band-edge for RF Conducted Emissions\_DH5\_2480\_Hopping On



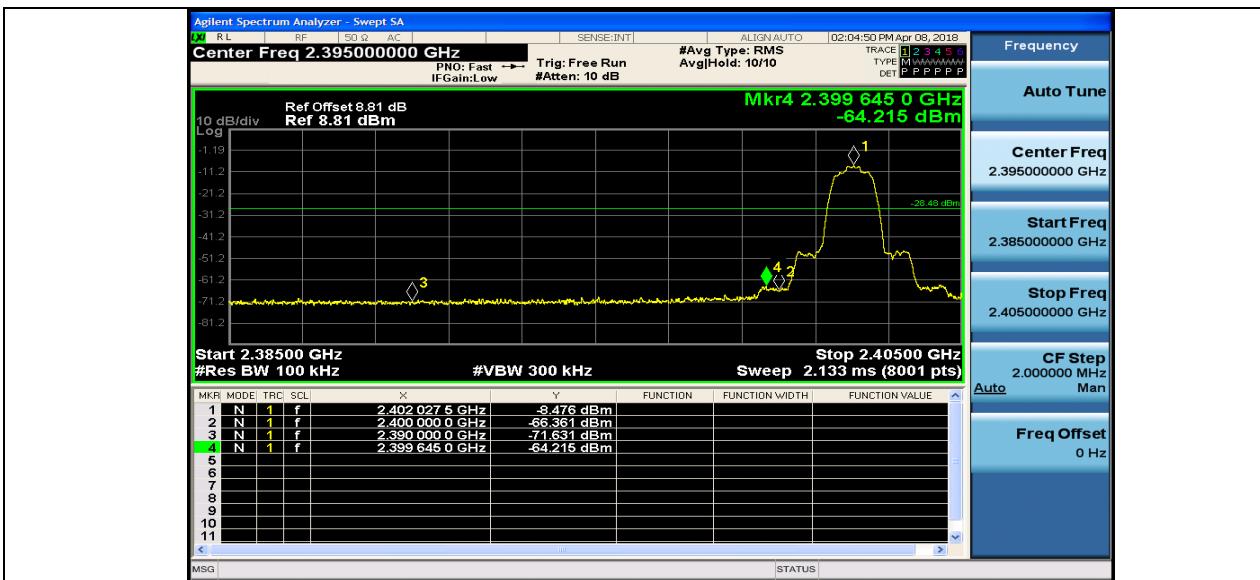
### Band-edge for RF Conducted Emissions\_DH5\_2480\_Hopping Off



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



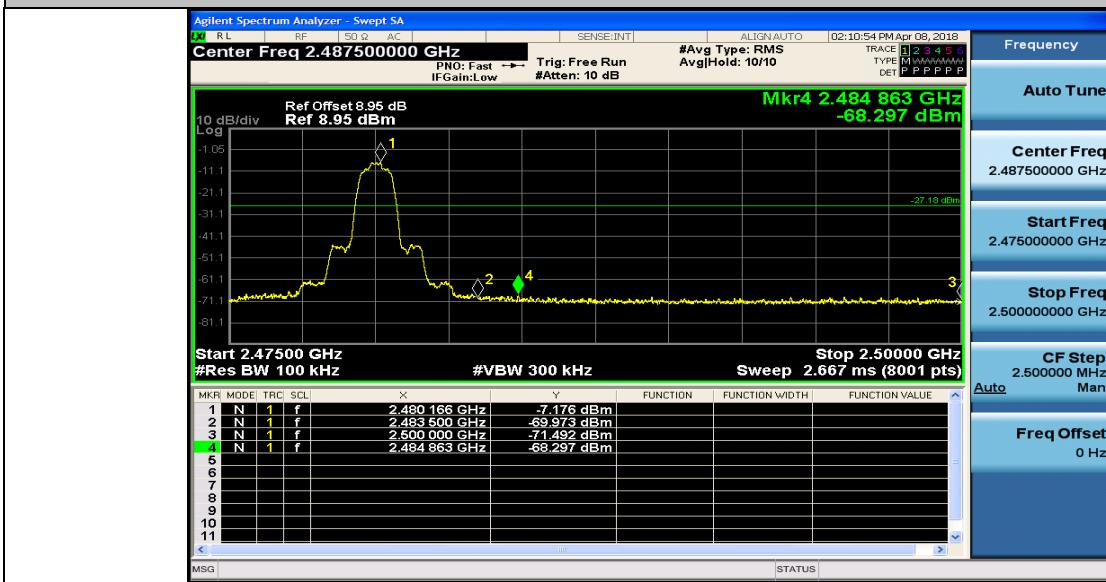
### Band-edge for RF Conducted Emissions\_2DH5\_2402\_Hopping Off



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



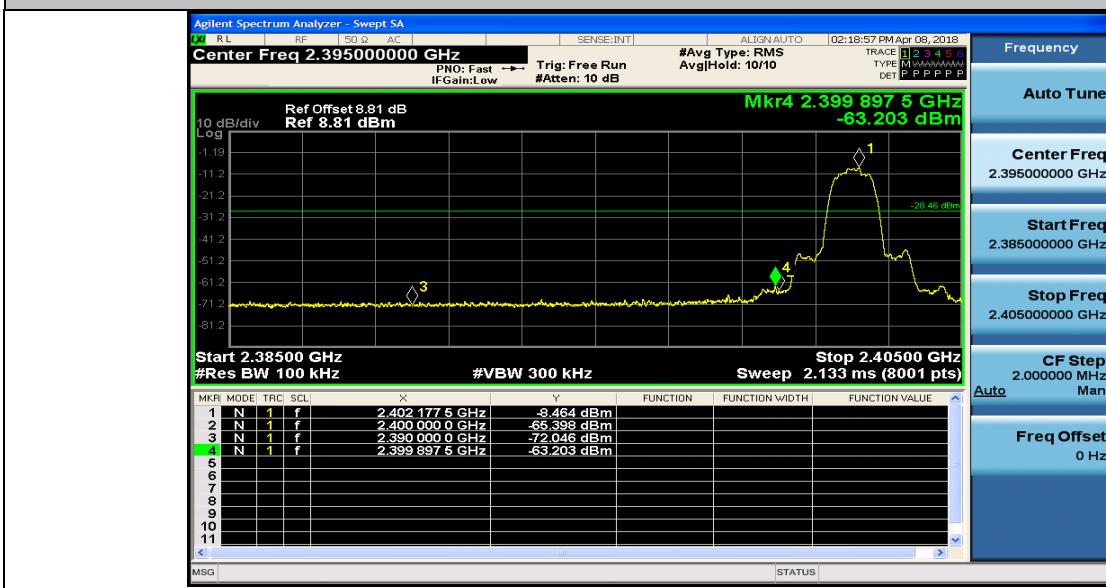
### Band-edge for RF Conducted Emissions\_2DH5\_2480\_Hopping Off



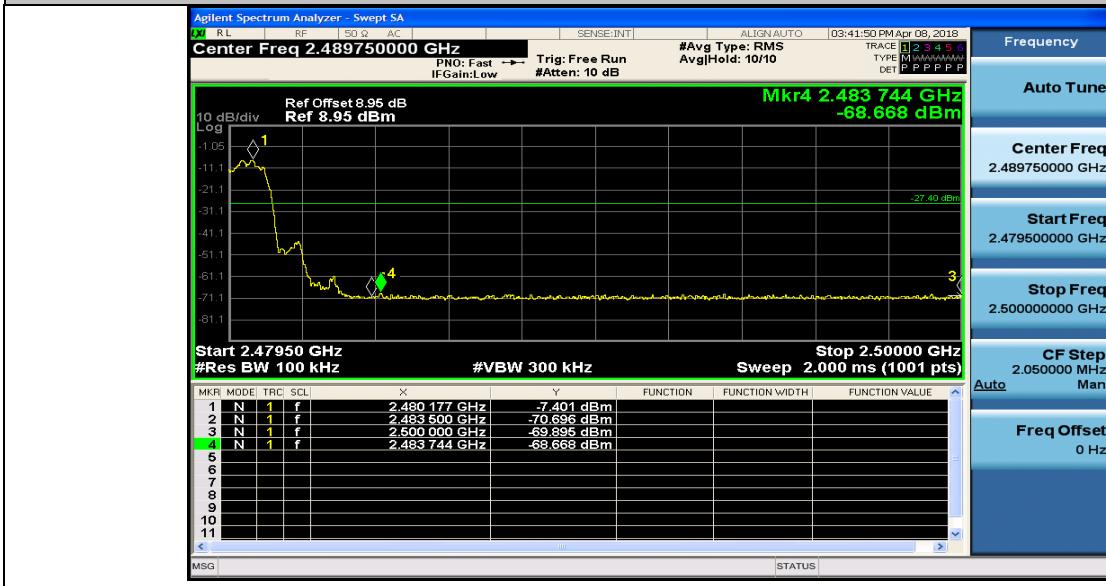
### Band-edge for RF Conducted Emissions\_3DH5\_2402\_Hopping On



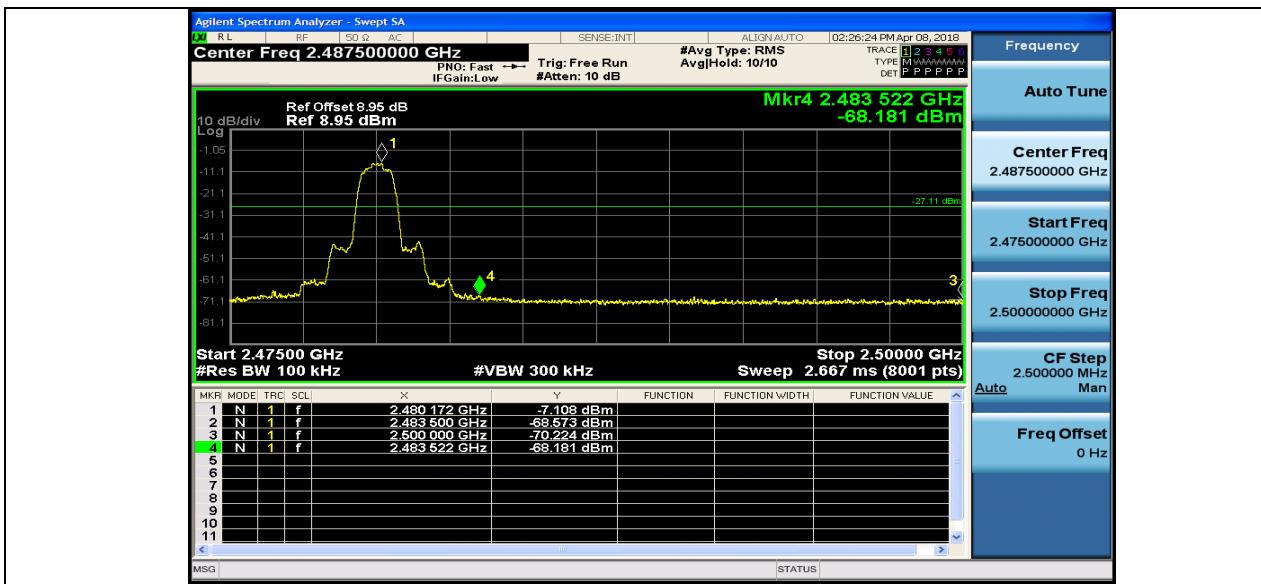
### Band-edge for RF Conducted Emissions\_3DH5\_2402\_Hopping Off



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

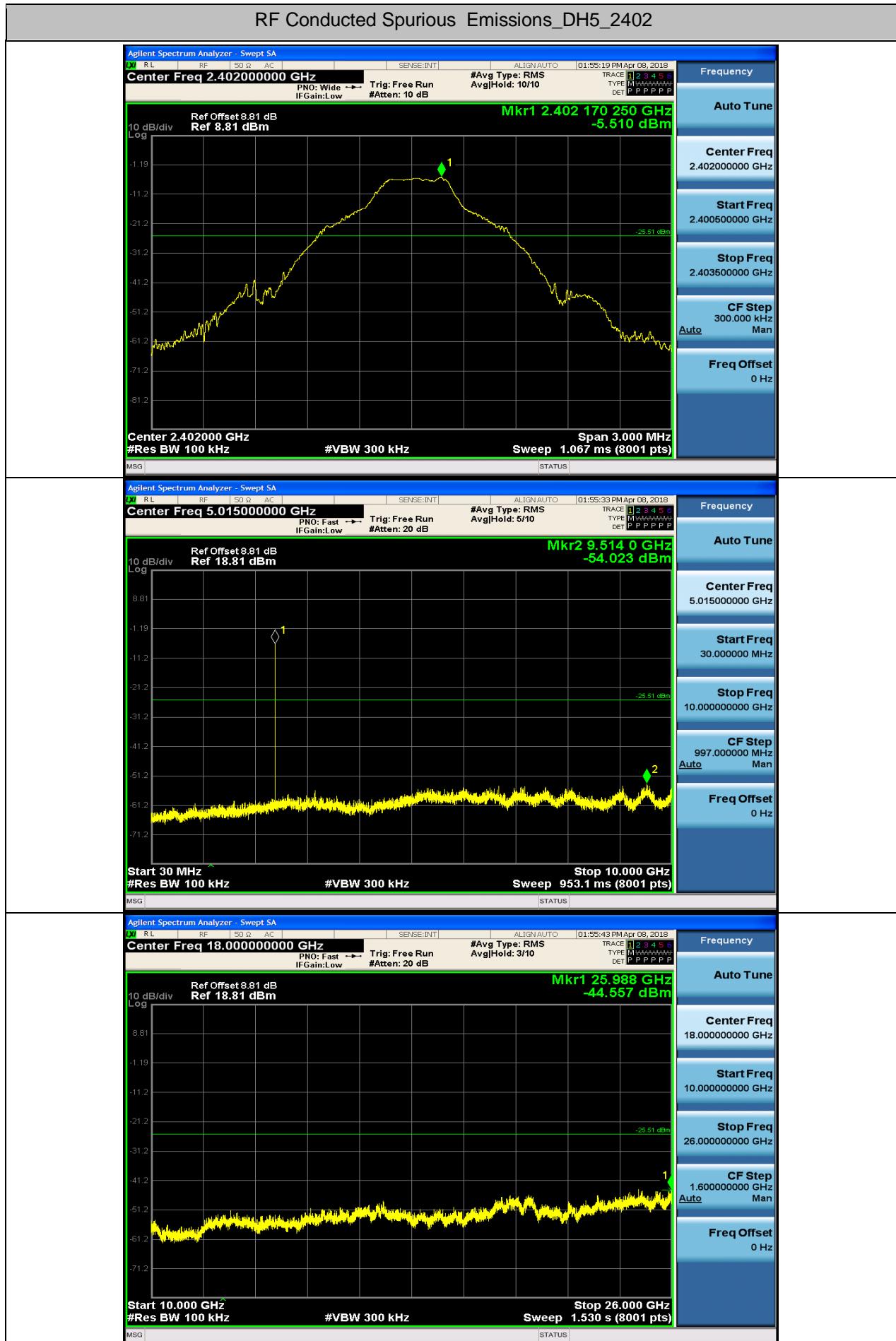


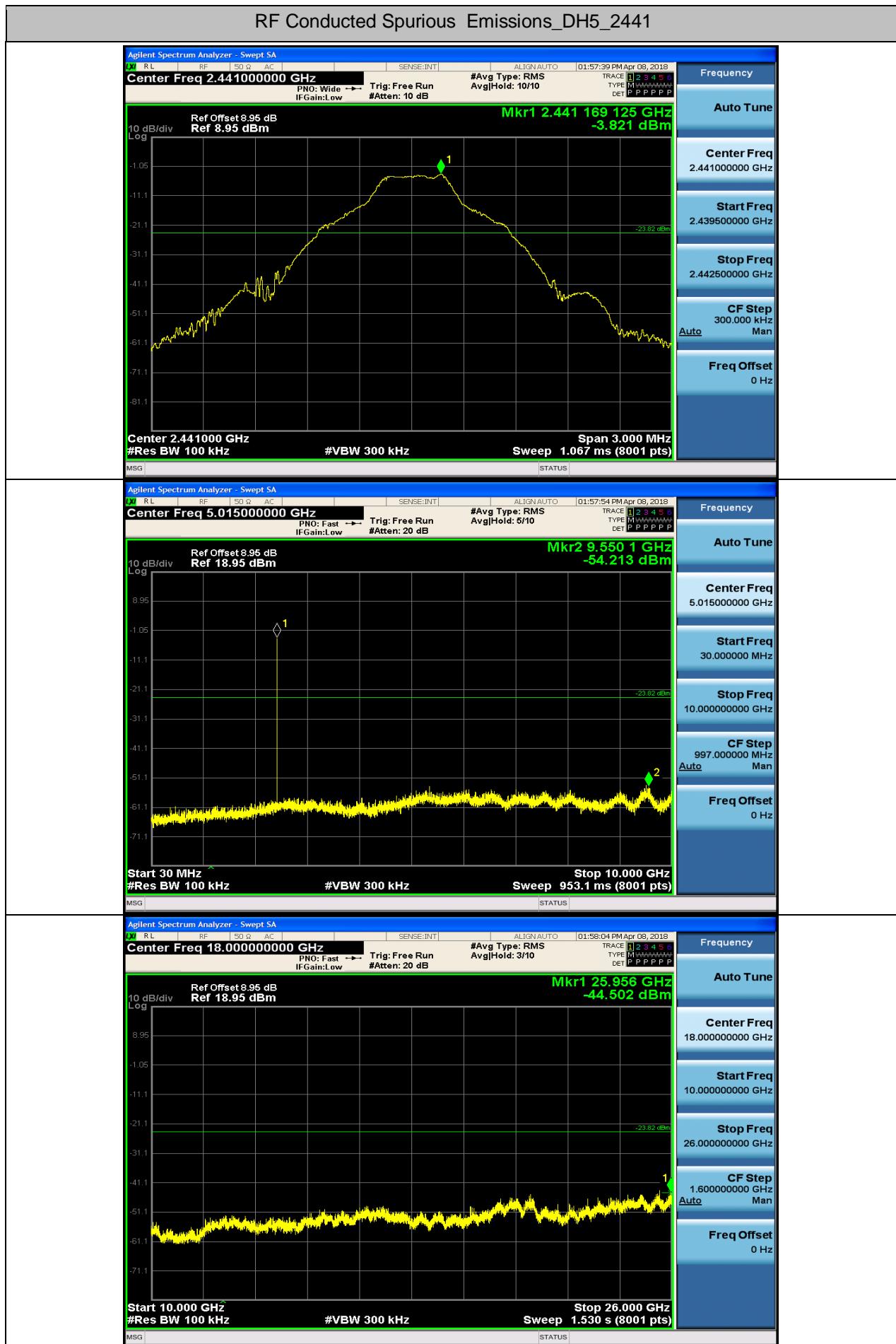
### Band-edge for RF Conducted Emissions\_3DH5\_2480\_Hopping Off

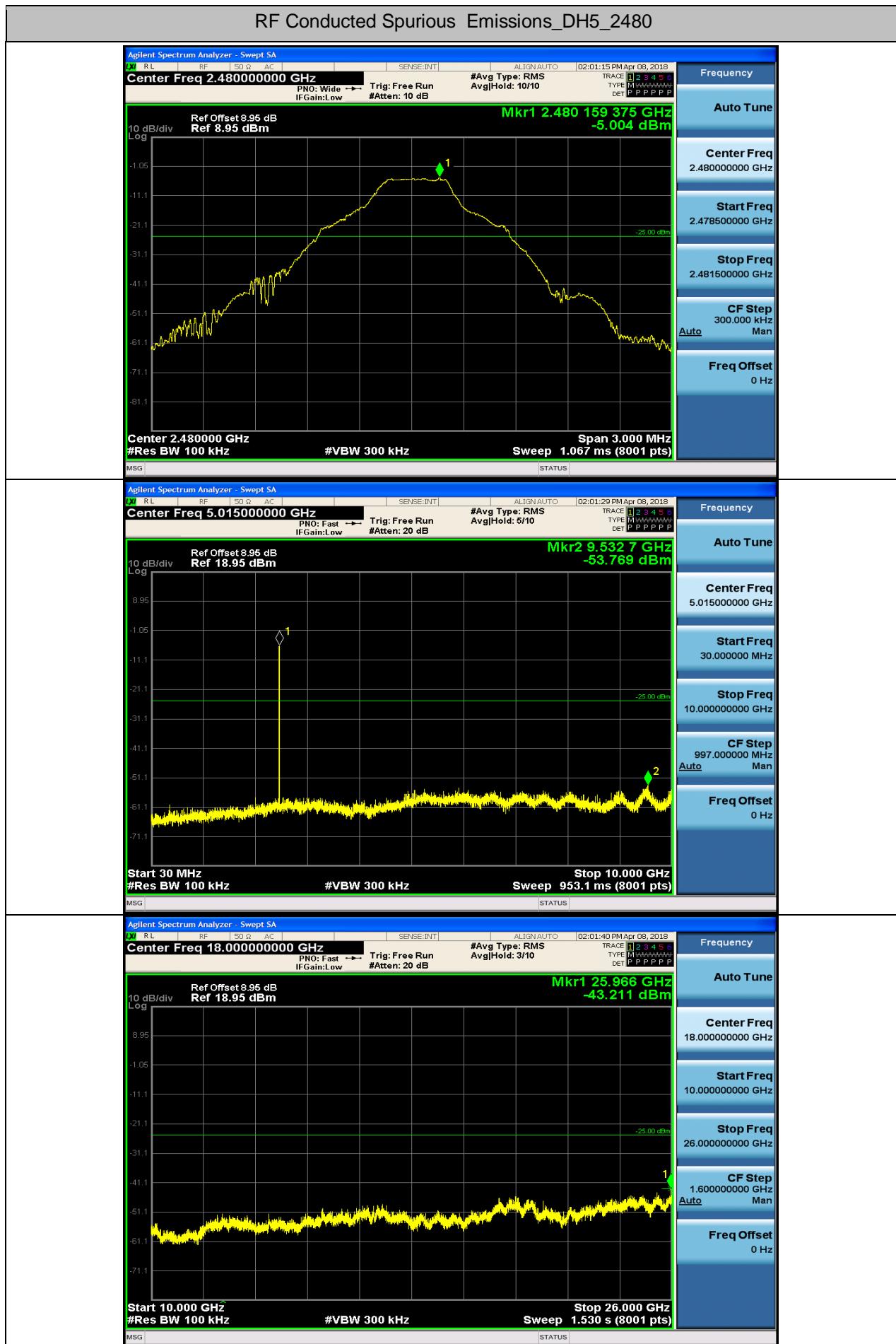


**8.RF Conducted Spurious Emissions**

Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
DH5	2402	30	10000	100	300	-5.51	-54.02	<-25.51	PASS
DH5	2402	10000	26000	100	300	-5.51	-44.557	<-25.51	PASS
DH5	2441	30	10000	100	300	-3.82	-54.21	<-23.82	PASS
DH5	2441	10000	26000	100	300	-3.821	-44.502	<-23.821	PASS
DH5	2480	30	10000	100	300	-5.00	-53.77	<-25.00	PASS
DH5	2480	10000	26000	100	300	-5.004	-43.211	<-25.004	PASS
2DH5	2402	30	10000	100	300	-9.39	-53.99	<-29.39	PASS
2DH5	2402	10000	26000	100	300	-9.388	-43.803	<-29.388	PASS
2DH5	2441	30	10000	100	300	-6.22	-54.43	<-26.22	PASS
2DH5	2441	10000	26000	100	300	-6.22	-44.429	<-26.22	PASS
2DH5	2480	30	10000	100	300	-7.58	-54.12	<-27.58	PASS
2DH5	2480	10000	26000	100	300	-7.583	-44.204	<-27.583	PASS
3DH5	2402	30	10000	100	300	-8.55	-54.42	<-28.55	PASS
3DH5	2402	10000	26000	100	300	-8.548	-44.731	<-28.548	PASS
3DH5	2441	30	10000	100	300	-6.07	-53.47	<-26.07	PASS
3DH5	2441	10000	26000	100	300	-6.072	-44.216	<-26.072	PASS
3DH5	2480	30	10000	100	300	-7.20	-53.68	<-27.20	PASS
3DH5	2480	10000	26000	100	300	-7.197	-44.565	<-27.197	PASS

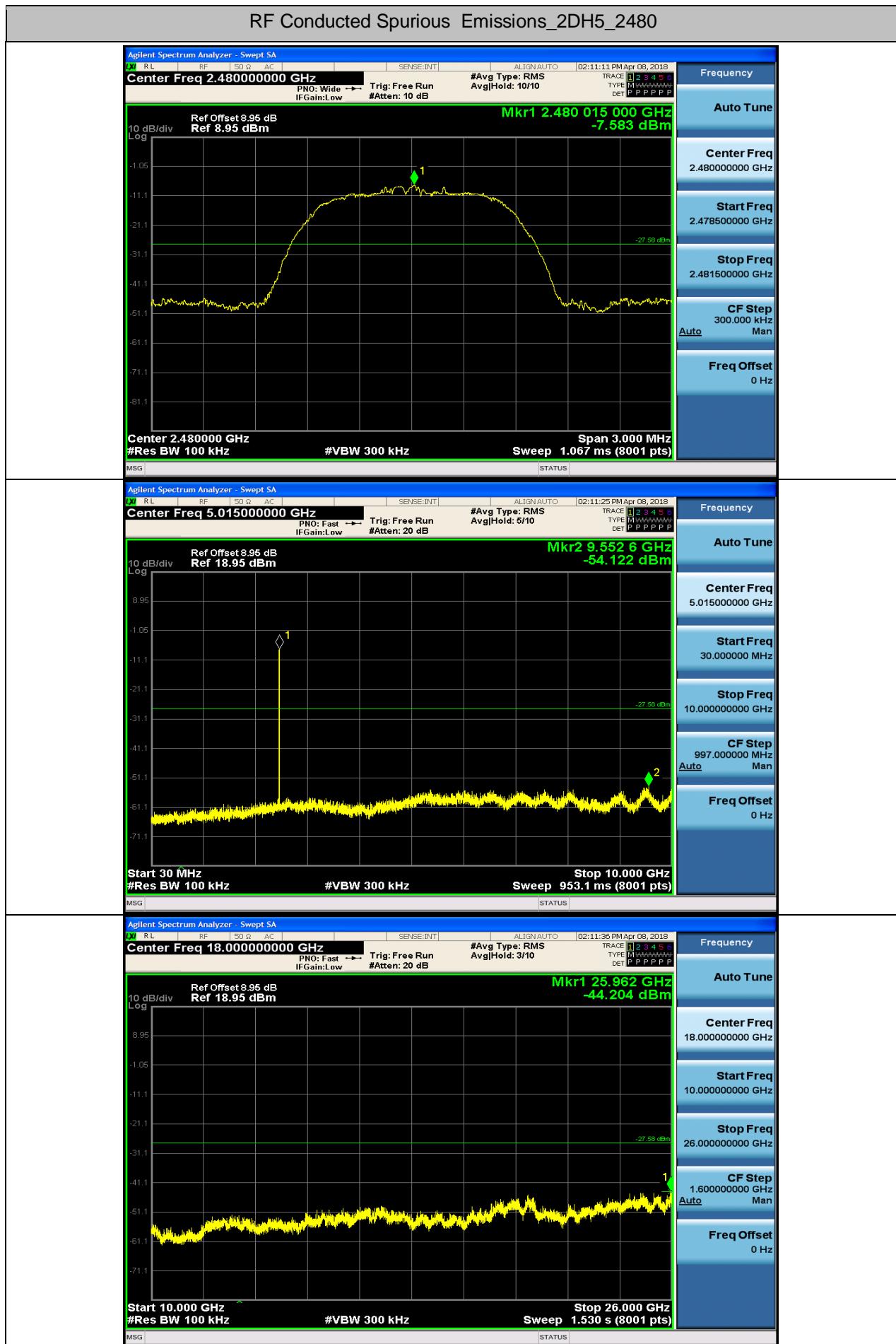


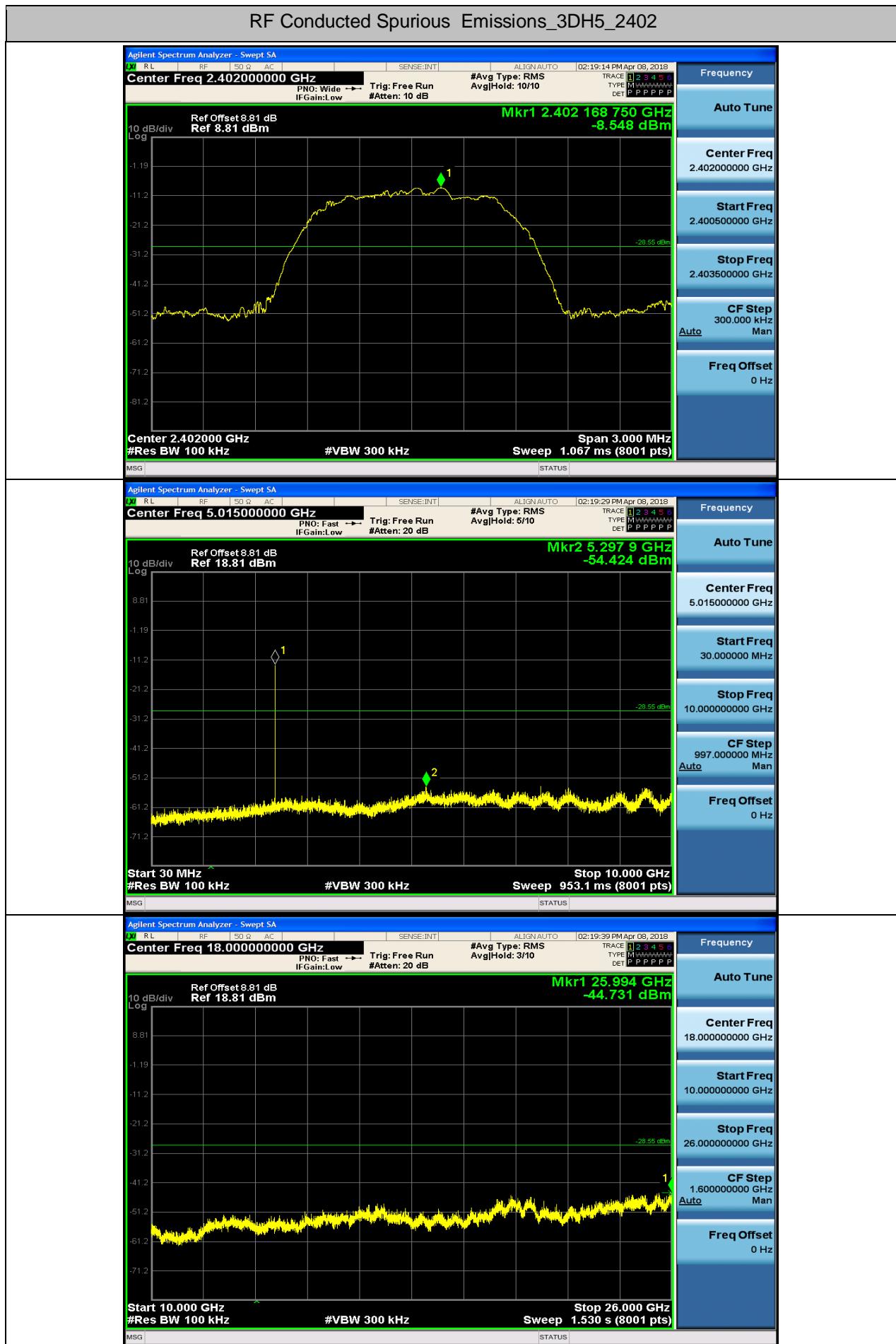


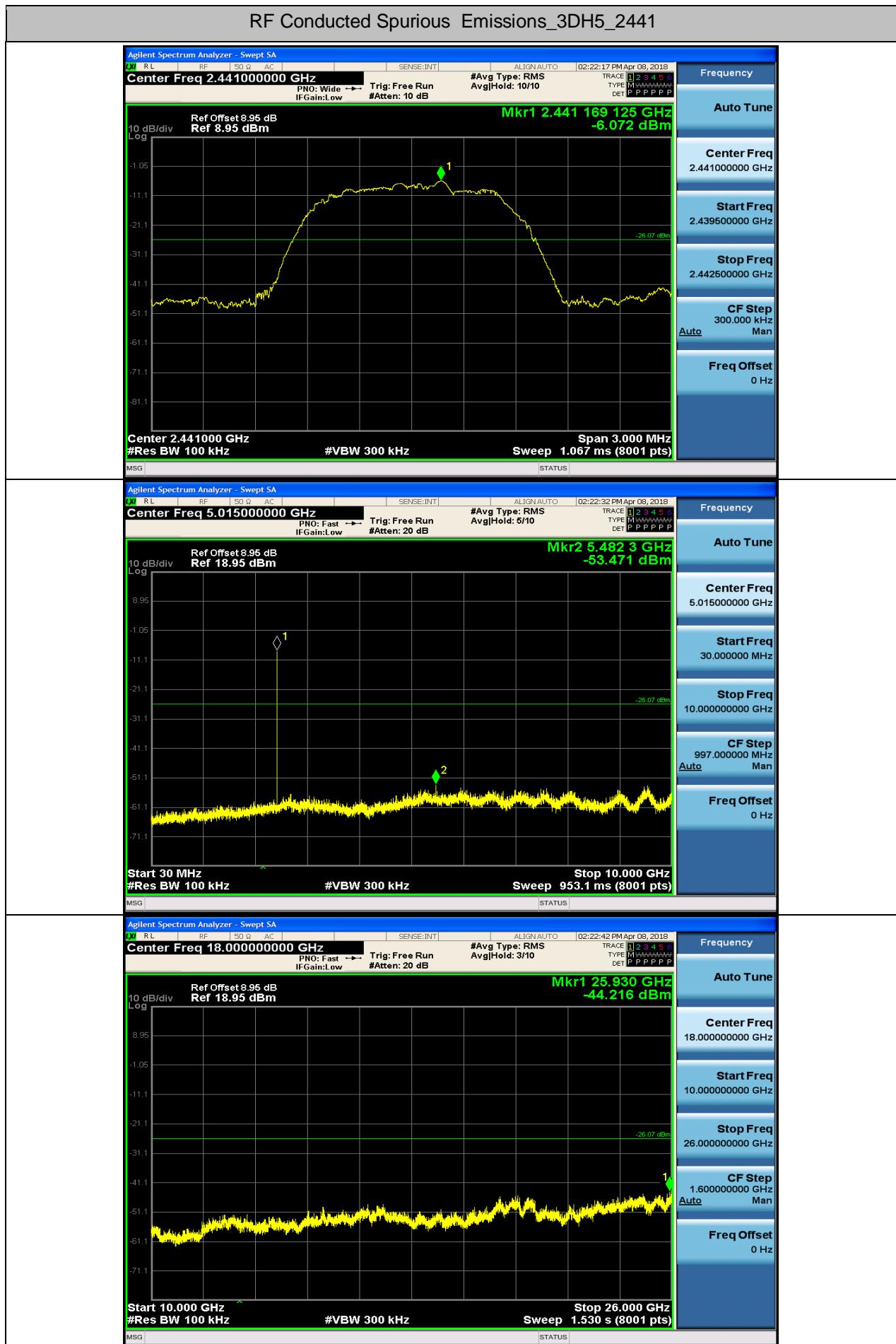


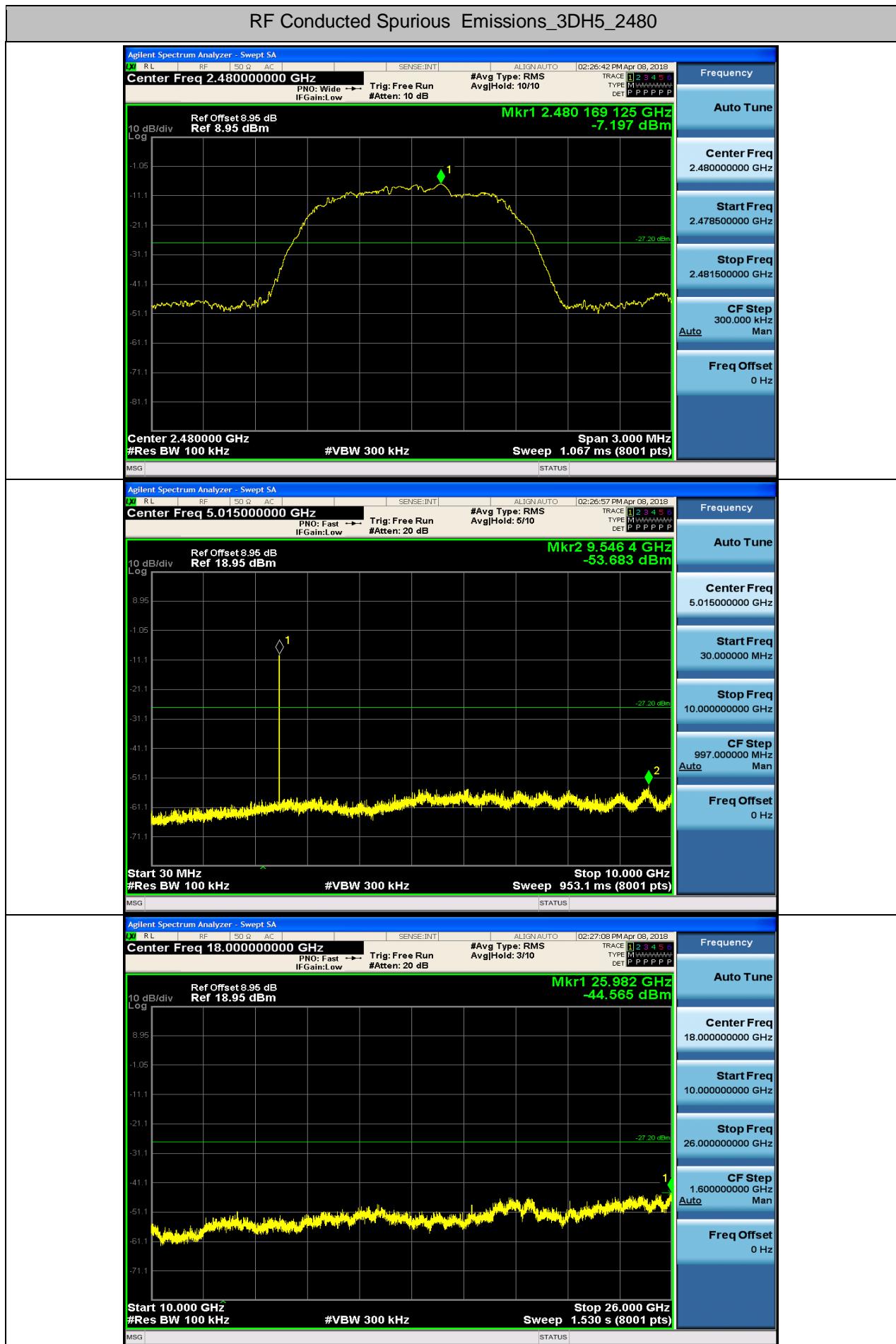














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