



**Appendix A for SHEM200700615601**

**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	0.95	---	PASS
2DH5	2402	1.34	---	PASS
2DH5	2441	1.35	---	PASS
2DH5	2480	1.35	---	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



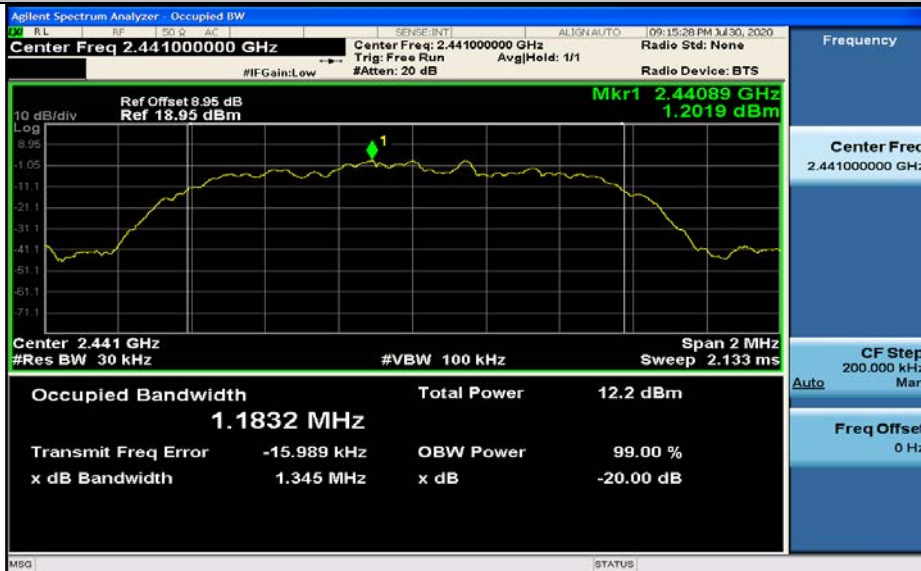
20 dB Bandwidth\_DH5\_2480



## 20 dB Bandwidth\_2DH5\_2402



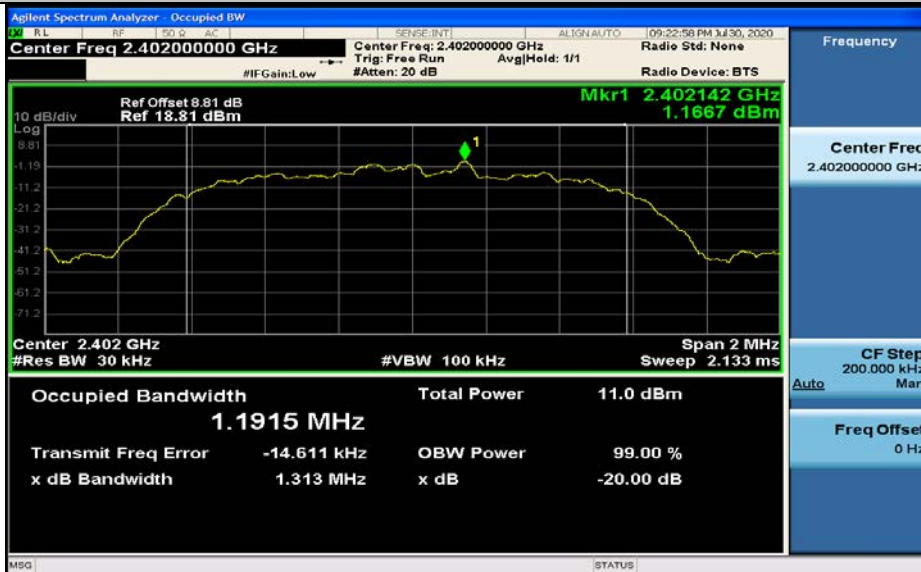
## 20 dB Bandwidth\_2DH5\_2441



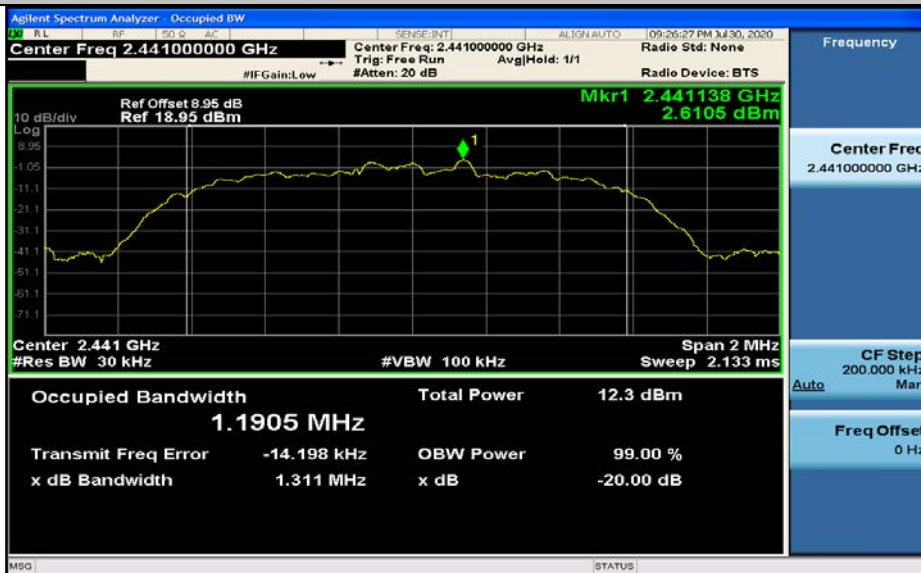
## 20 dB Bandwidth\_2DH5\_2480



## 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	1.18	---	PASS
2DH5	2480	1.18	---	PASS
3DH5	2402	1.19	---	PASS
3DH5	2441	1.19	---	PASS
3DH5	2480	1.19	---	PASS



### Occupied Bandwidth\_DH5\_2402



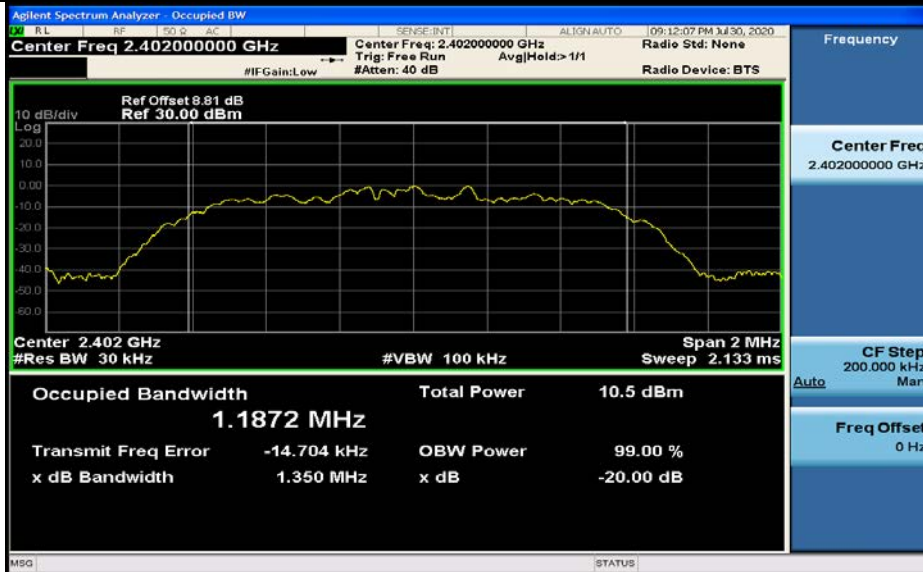
### Occupied Bandwidth\_DH5\_2441



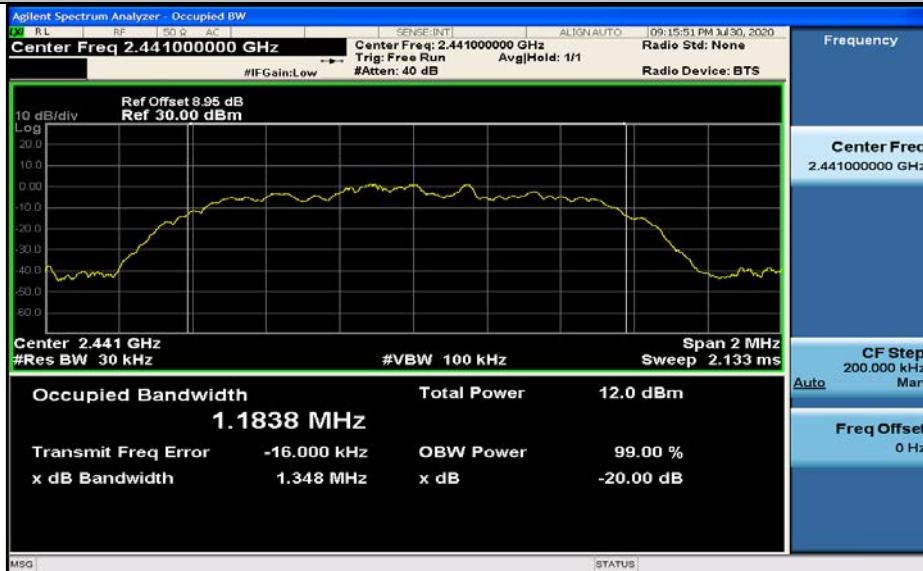
### Occupied Bandwidth\_DH5\_2480



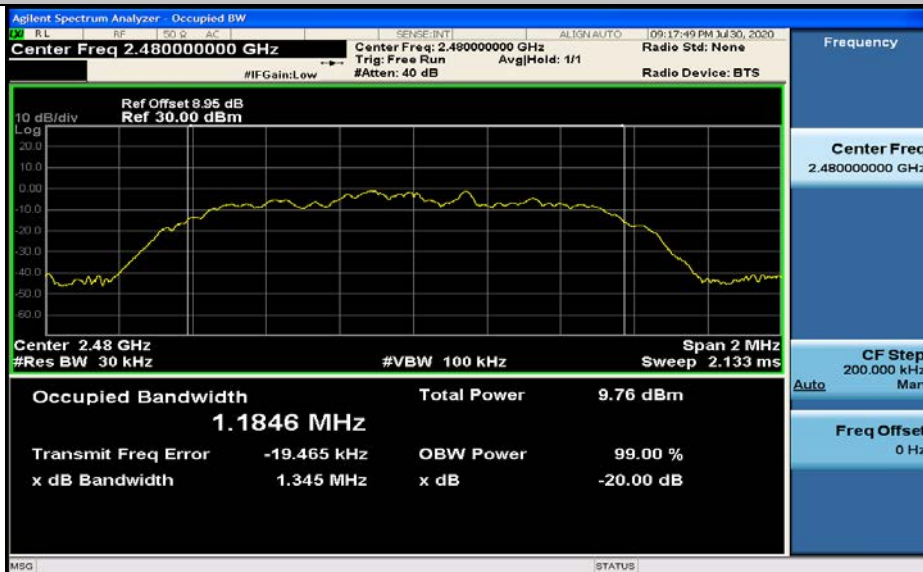
### Occupied Bandwidth\_2DH5\_2402



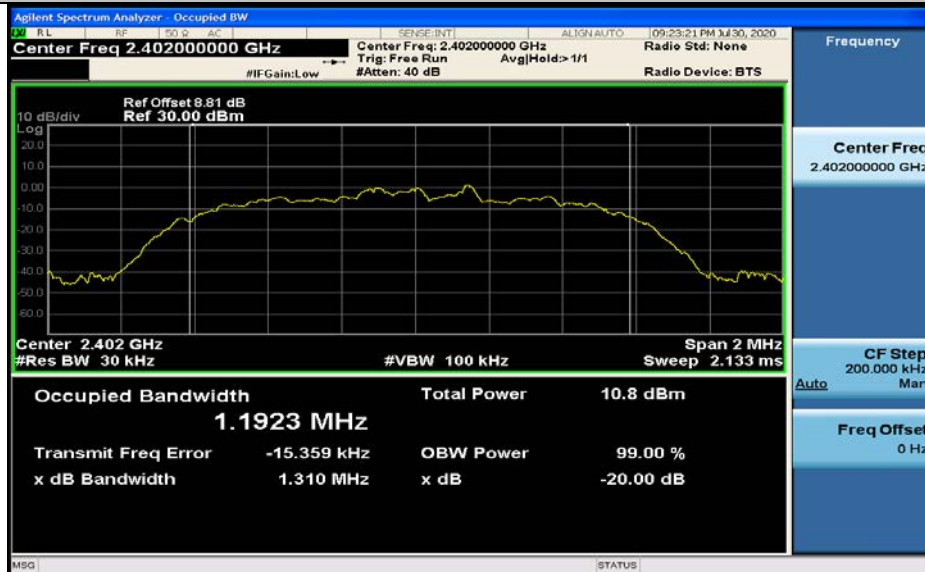
### Occupied Bandwidth\_2DH5\_2441



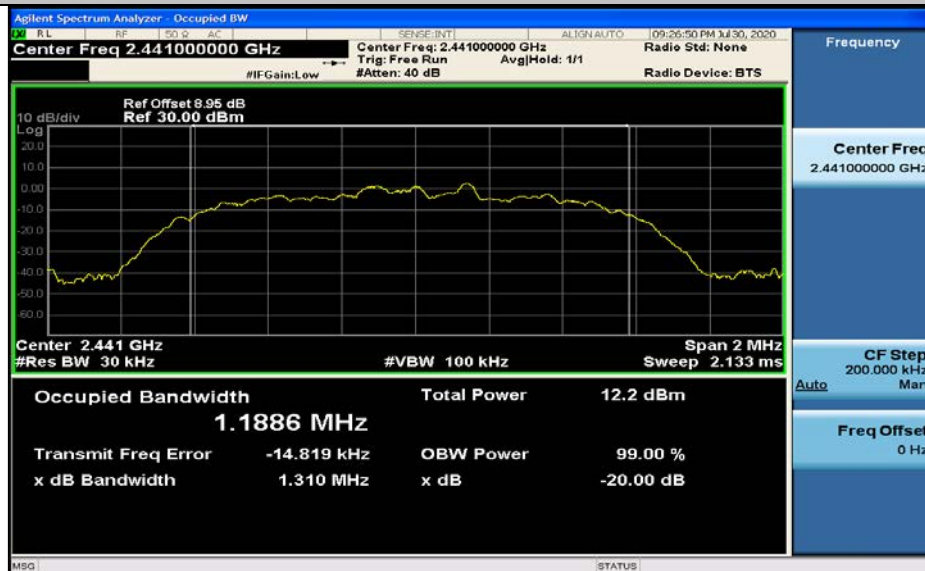
### Occupied Bandwidth\_2DH5\_2480



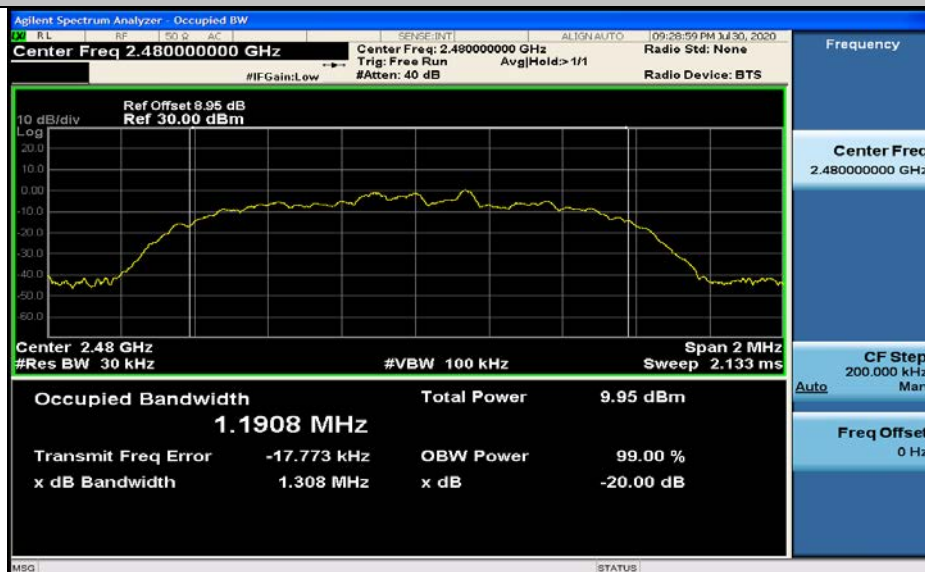
### Occupied Bandwidth\_3DH5\_2402



### Occupied Bandwidth\_3DH5\_2441



### Occupied Bandwidth\_3DH5\_2480





### 3. Conducted Peak Output Power

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
DH5	2402	7.9	21	PASS
DH5	2441	9.04	21	PASS
DH5	2480	7.26	21	PASS
2DH5	2402	4.94	21	PASS
2DH5	2441	6.34	21	PASS
2DH5	2480	4.12	21	PASS
3DH5	2402	5.43	21	PASS
3DH5	2441	6.82	21	PASS
3DH5	2480	4.61	21	PASS

### Conducted Peak Output Power\_DH5\_2402



### Conducted Peak Output Power\_DH5\_2441



### Conducted Peak Output Power\_DH5\_2480



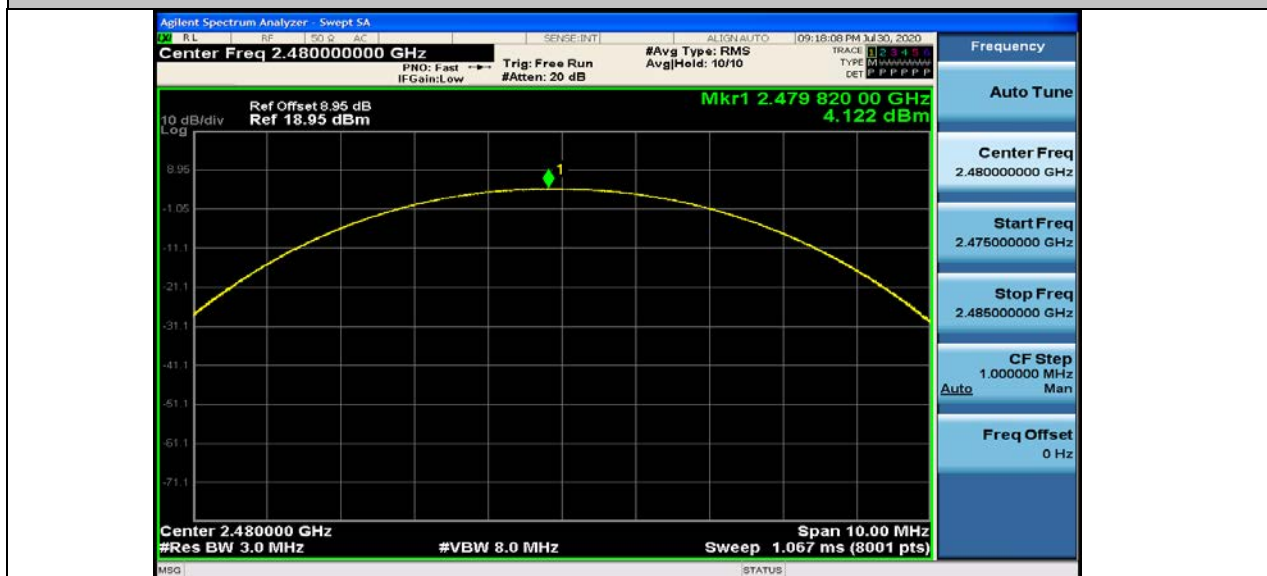
### Conducted Peak Output Power\_2DH5\_2402



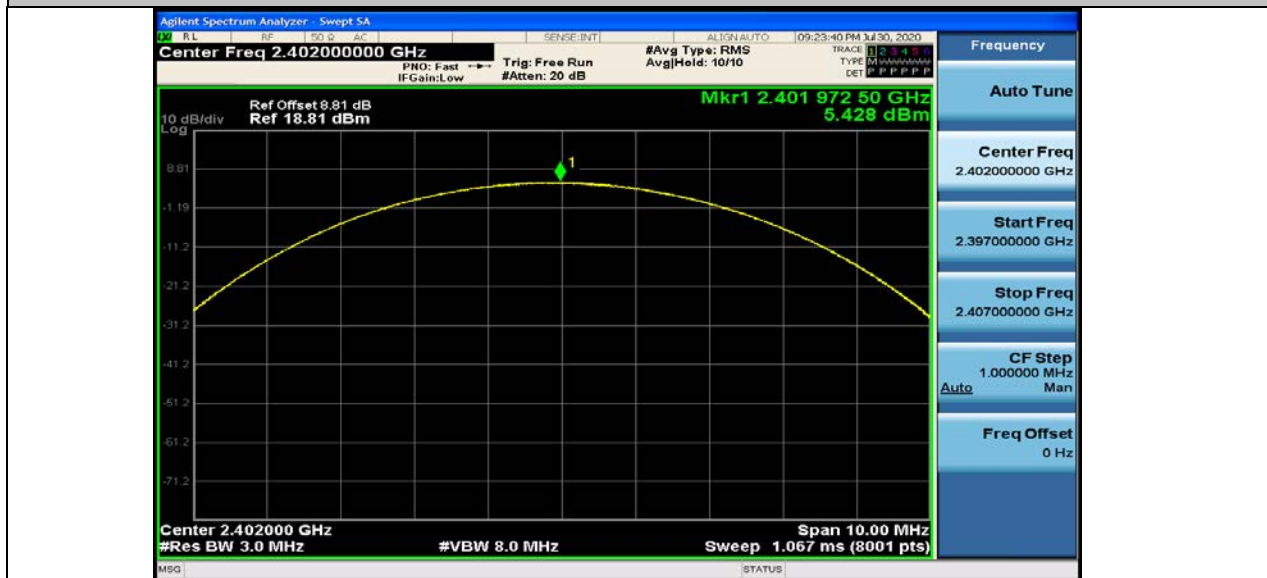
### Conducted Peak Output Power\_2DH5\_2441



### Conducted Peak Output Power\_2DH5\_2480



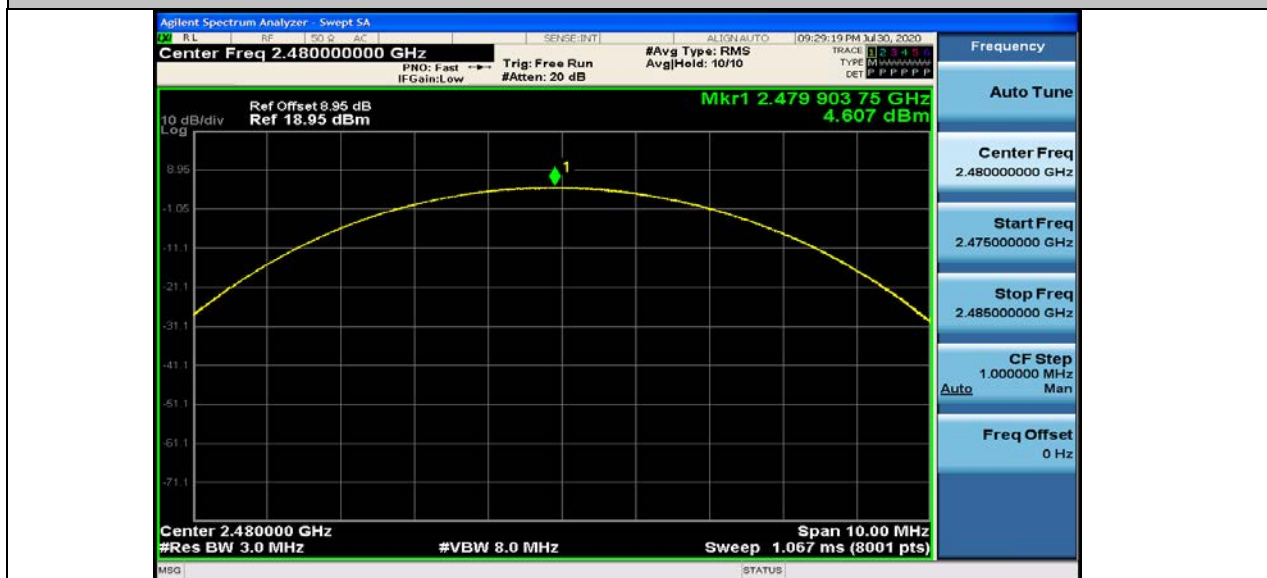
Conducted Peak Output Power\_3DH5\_2402



Conducted Peak Output Power\_3DH5\_2441



Conducted Peak Output Power\_3DH5\_2480





**4.Carrier Frequency Separation**

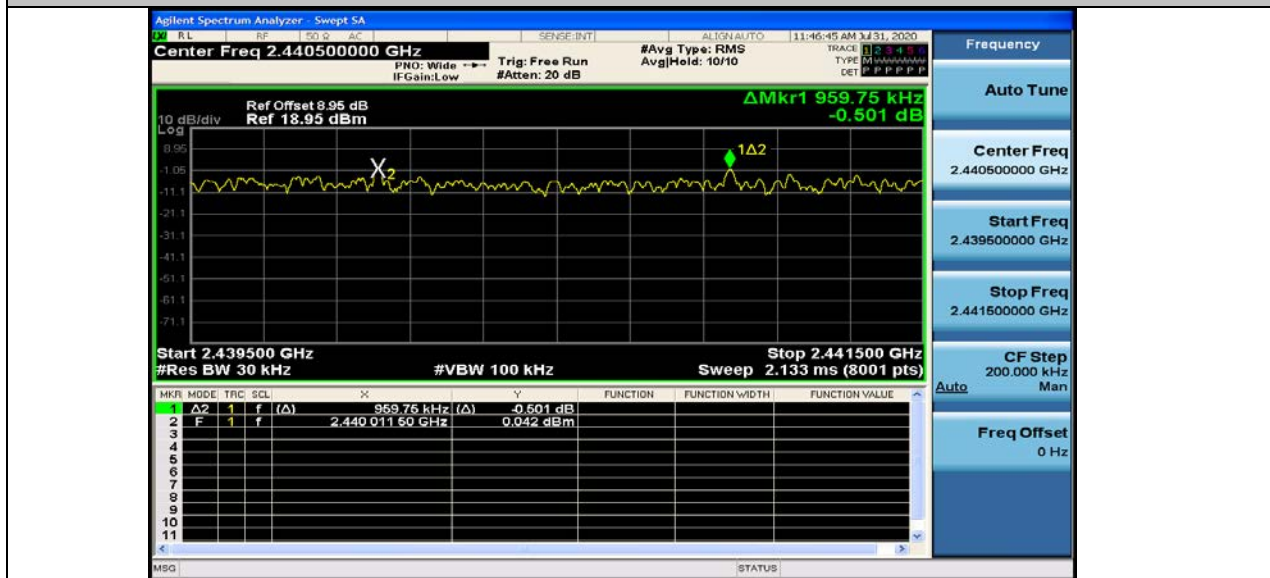
Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	2441	0.96	0.629	PASS
2DH5	2441	0.96	0.897	PASS
3DH5	2441	1.18	0.874	PASS



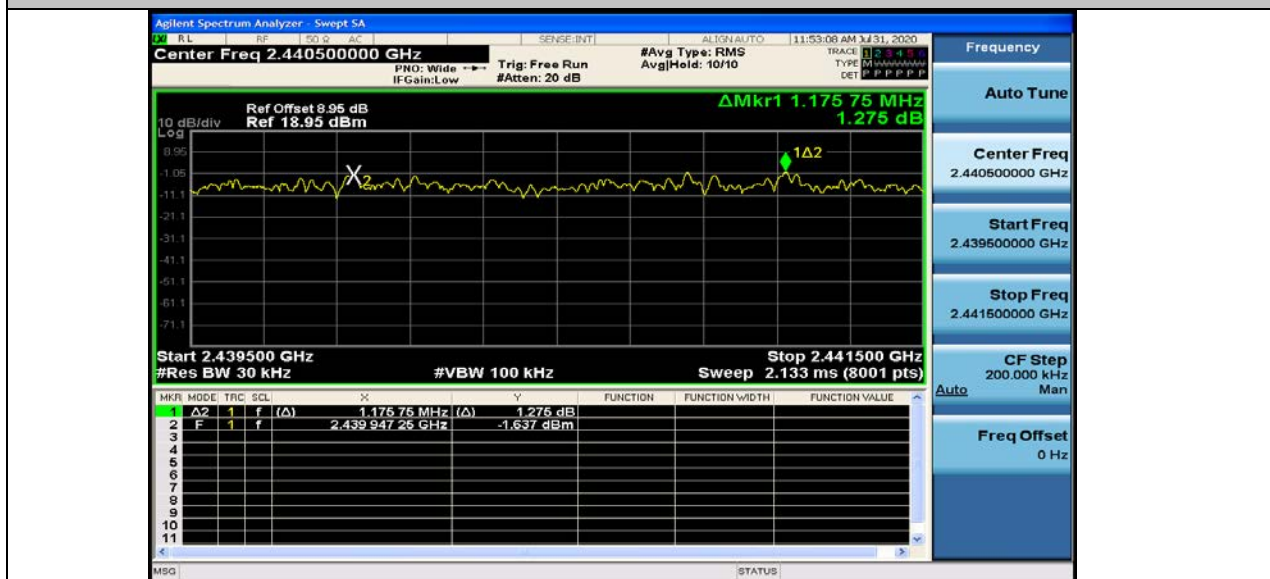
### Carrier Frequency Separation\_DH5\_2441



### Carrier Frequency Separation\_2DH5\_2441



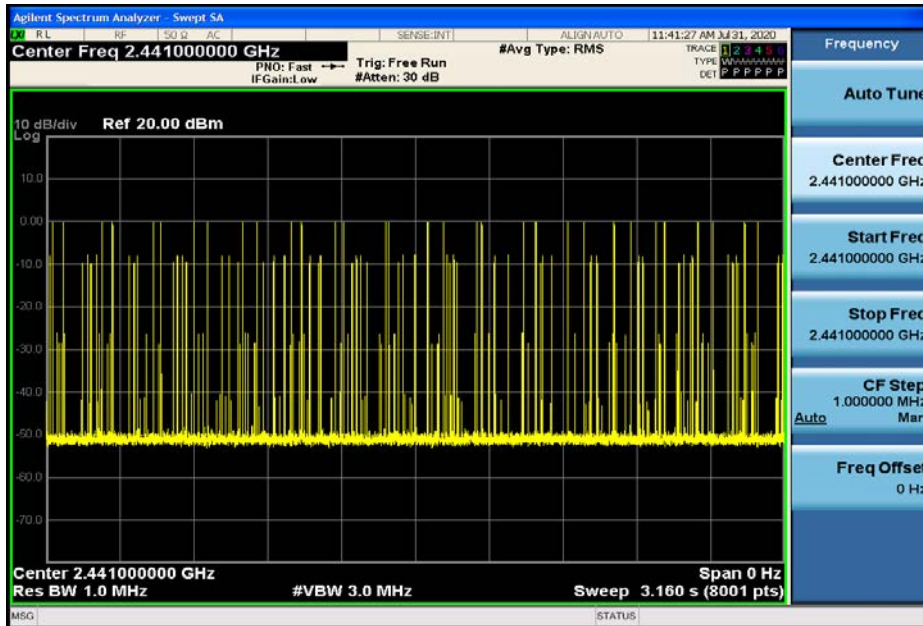
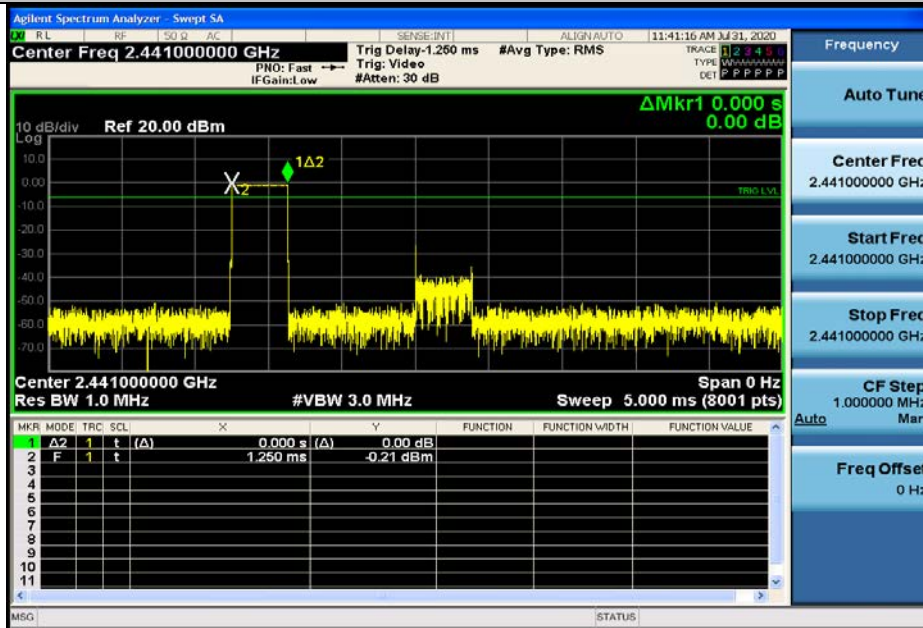
### Carrier Frequency Separation\_3DH5\_2441



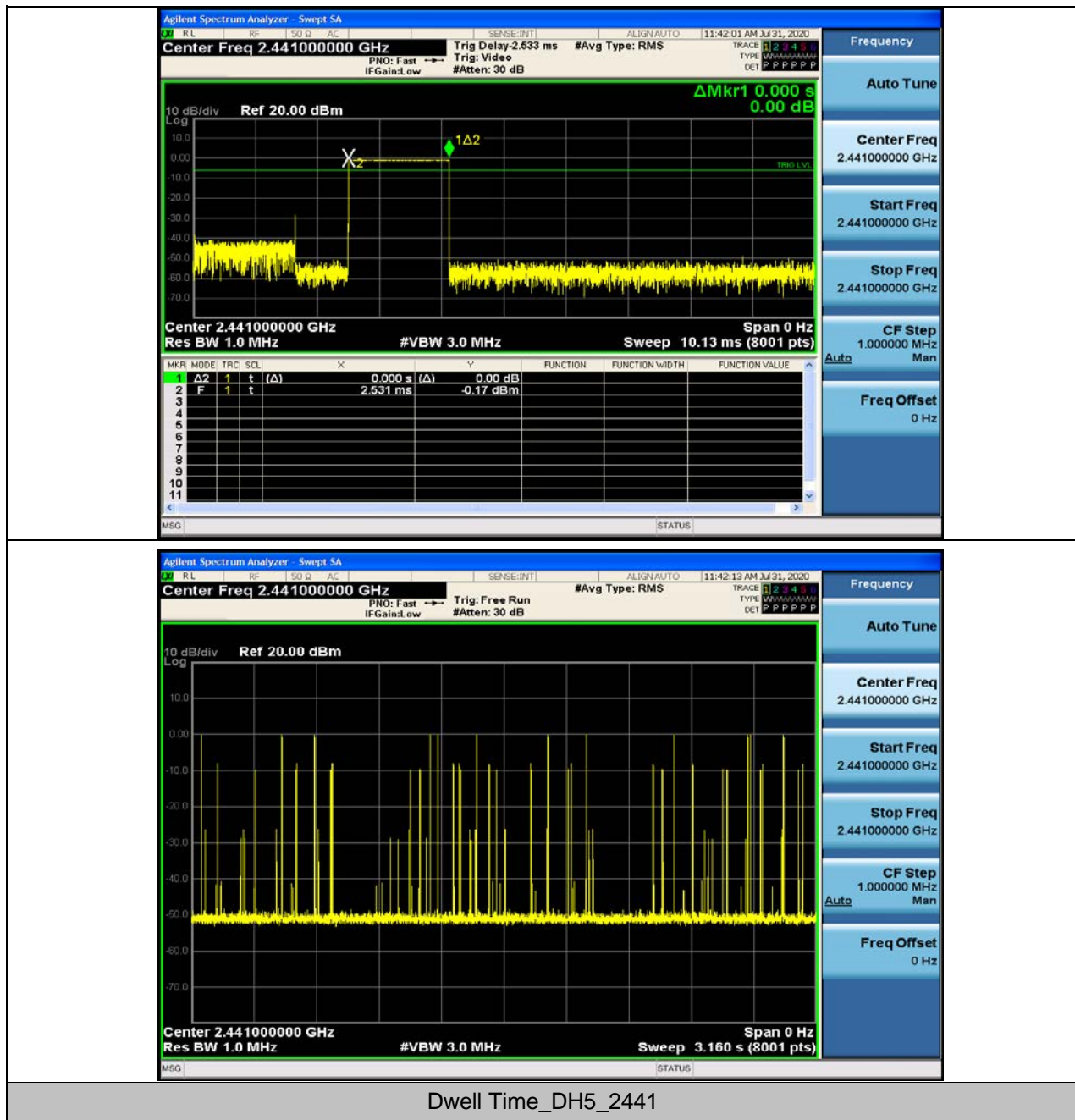
## 5.Dwell Time

Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
DH1	2441	0.38	320	0.12	0.4	PASS
DH3	2441	1.64	120	0.20	0.4	PASS
DH5	2441	2.88	100	0.29	0.4	PASS
2DH1	2441	0.39	310	0.12	0.4	PASS
2DH3	2441	1.64	200	0.33	0.4	PASS
2DH5	2441	2.89	50	0.14	0.4	PASS
3DH1	2441	0.39	320	0.13	0.4	PASS
3DH3	2441	1.64	160	0.26	0.4	PASS
3DH5	2441	2.89	110	0.32	0.4	PASS

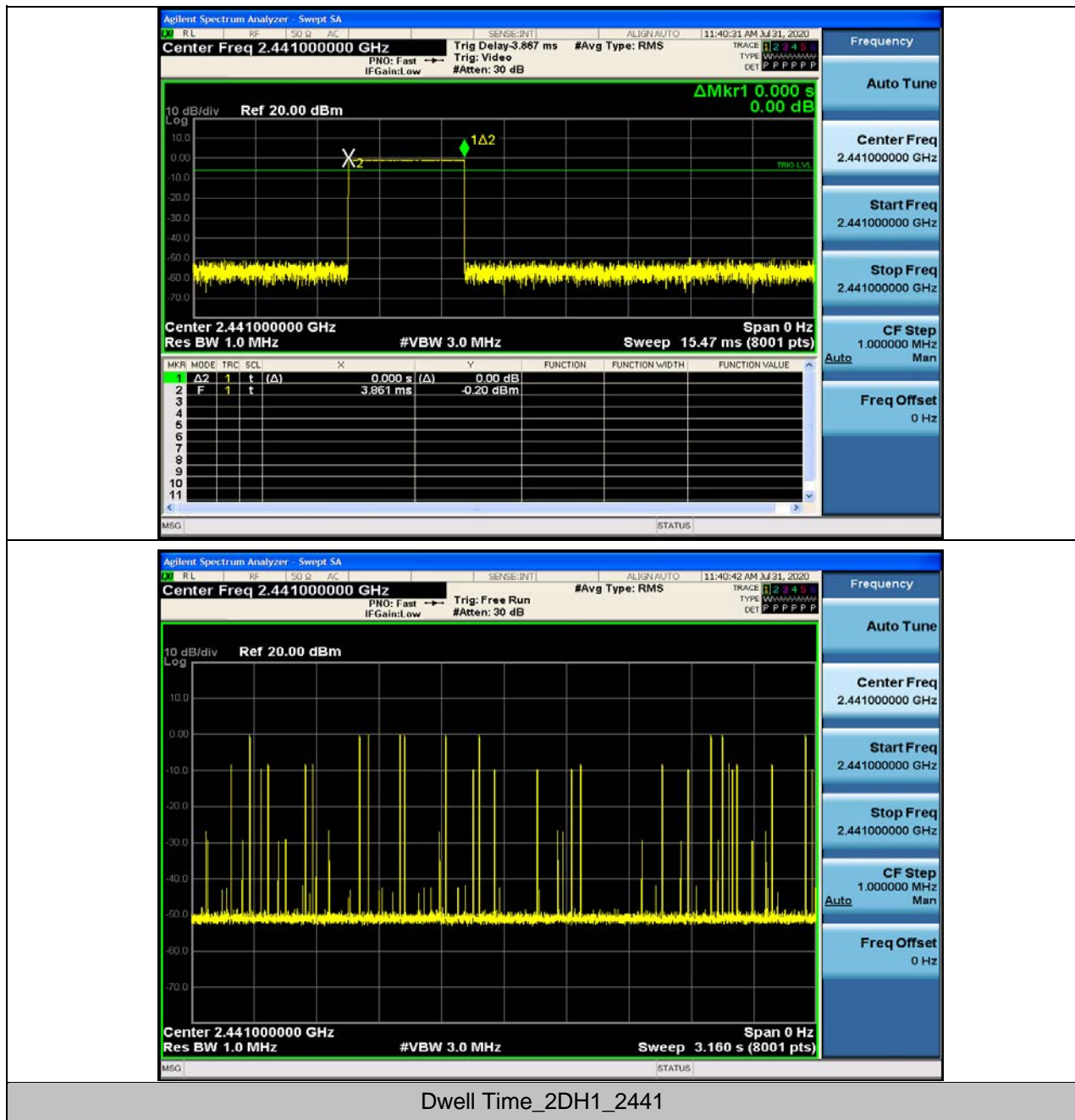
Dwell Time\_DH1\_2441



Dwell Time\_DH3\_2441

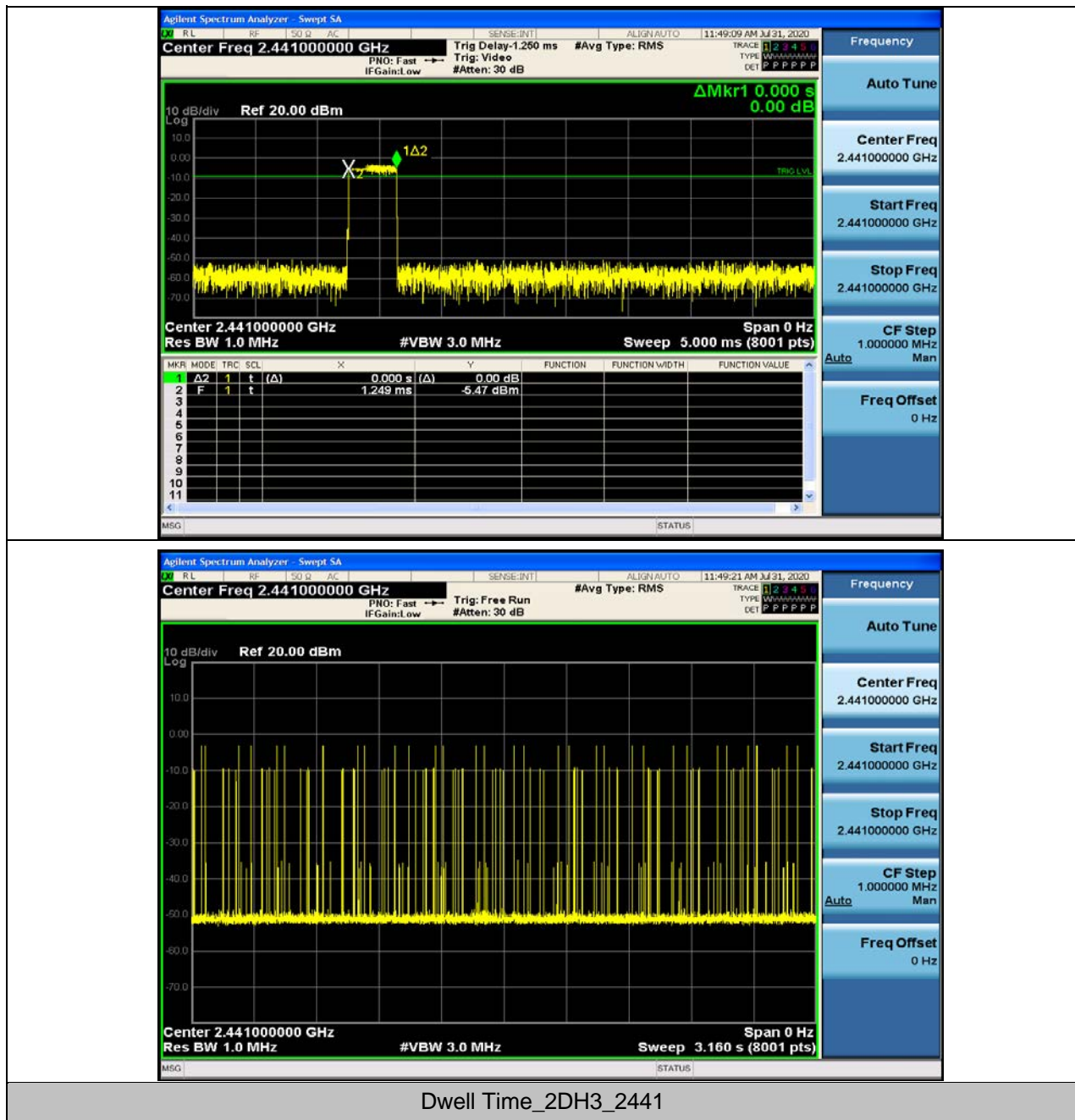


Dwell Time\_DH5\_2441

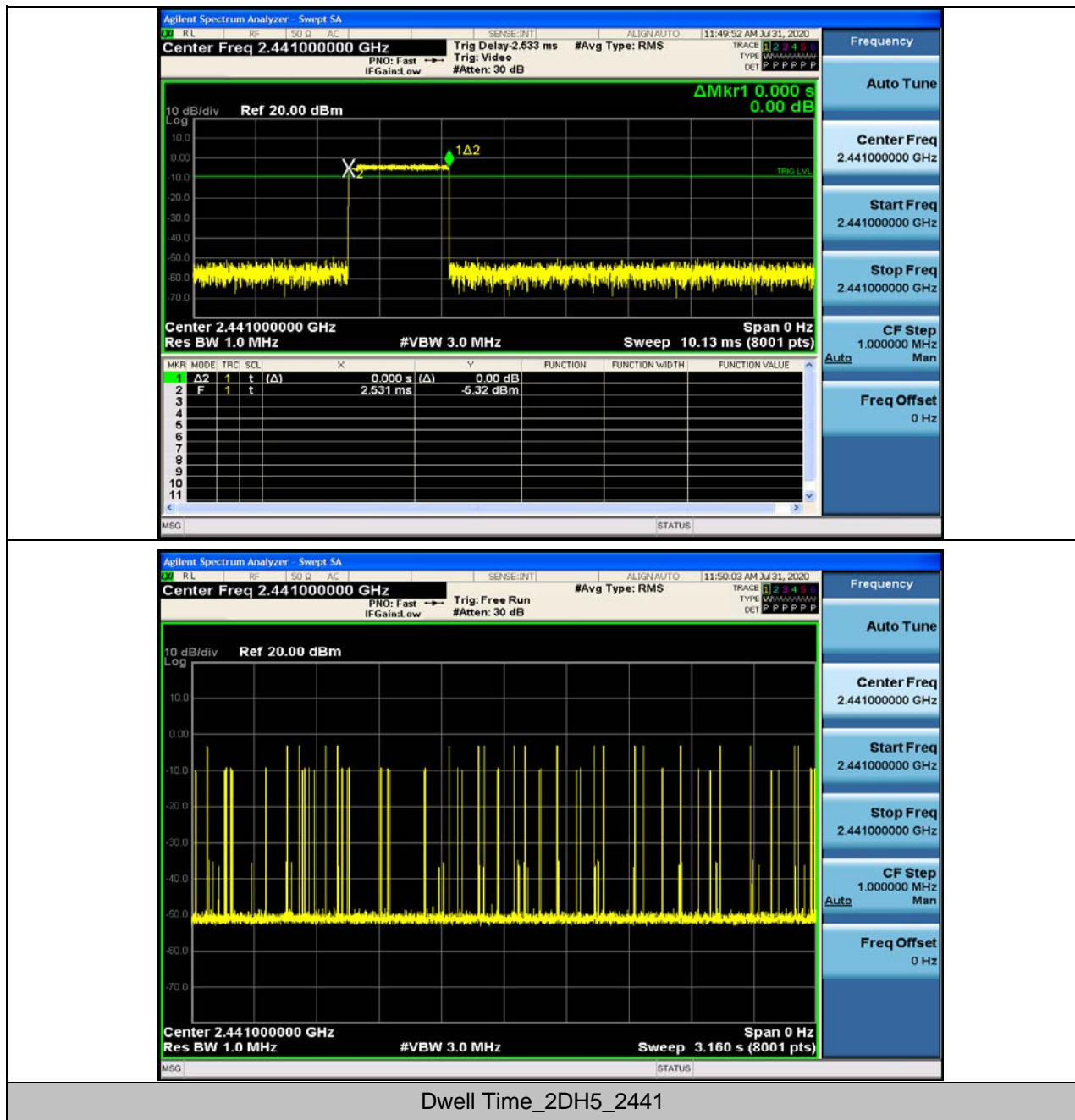


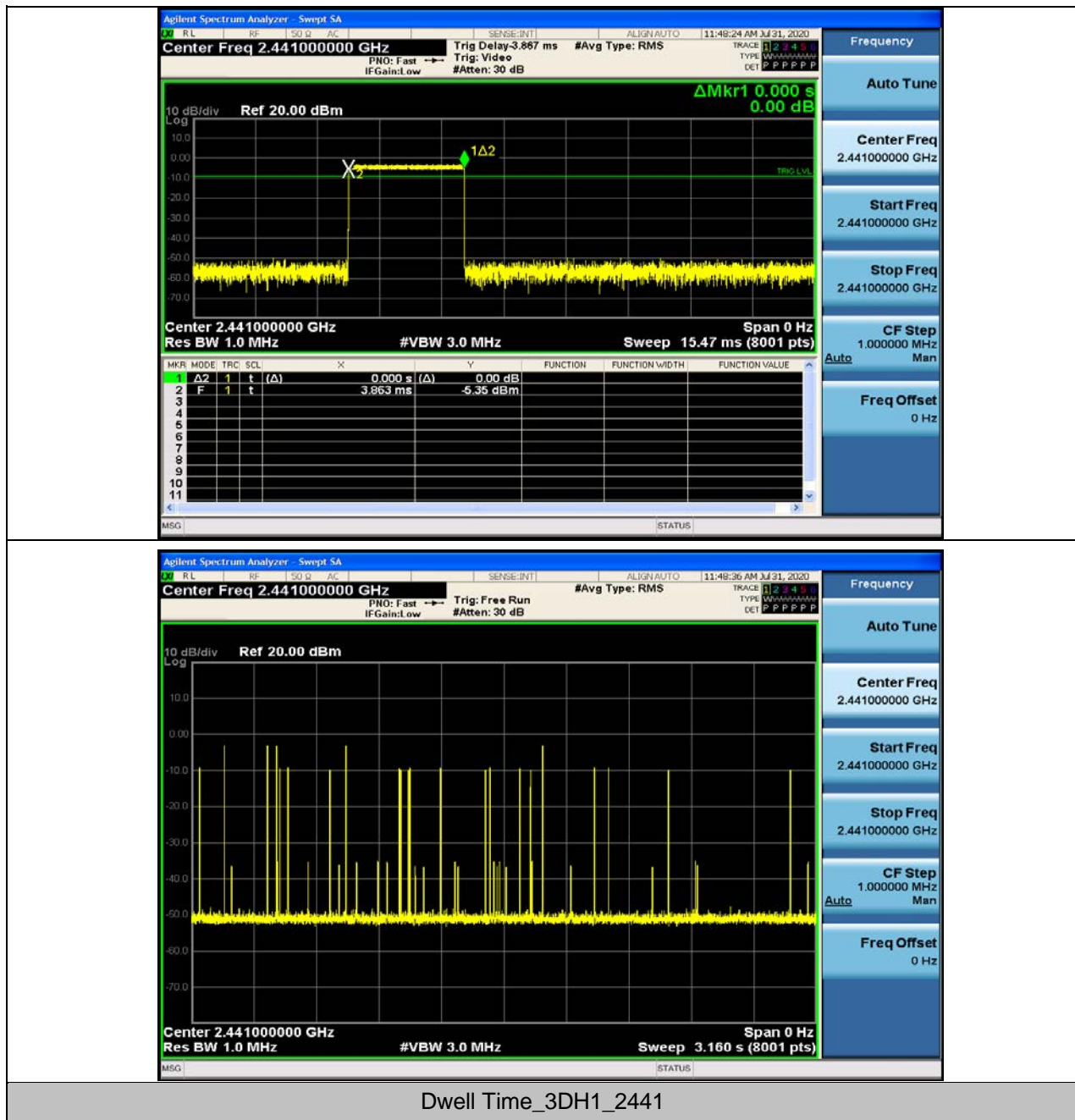
Dwell Time\_2DH1\_2441

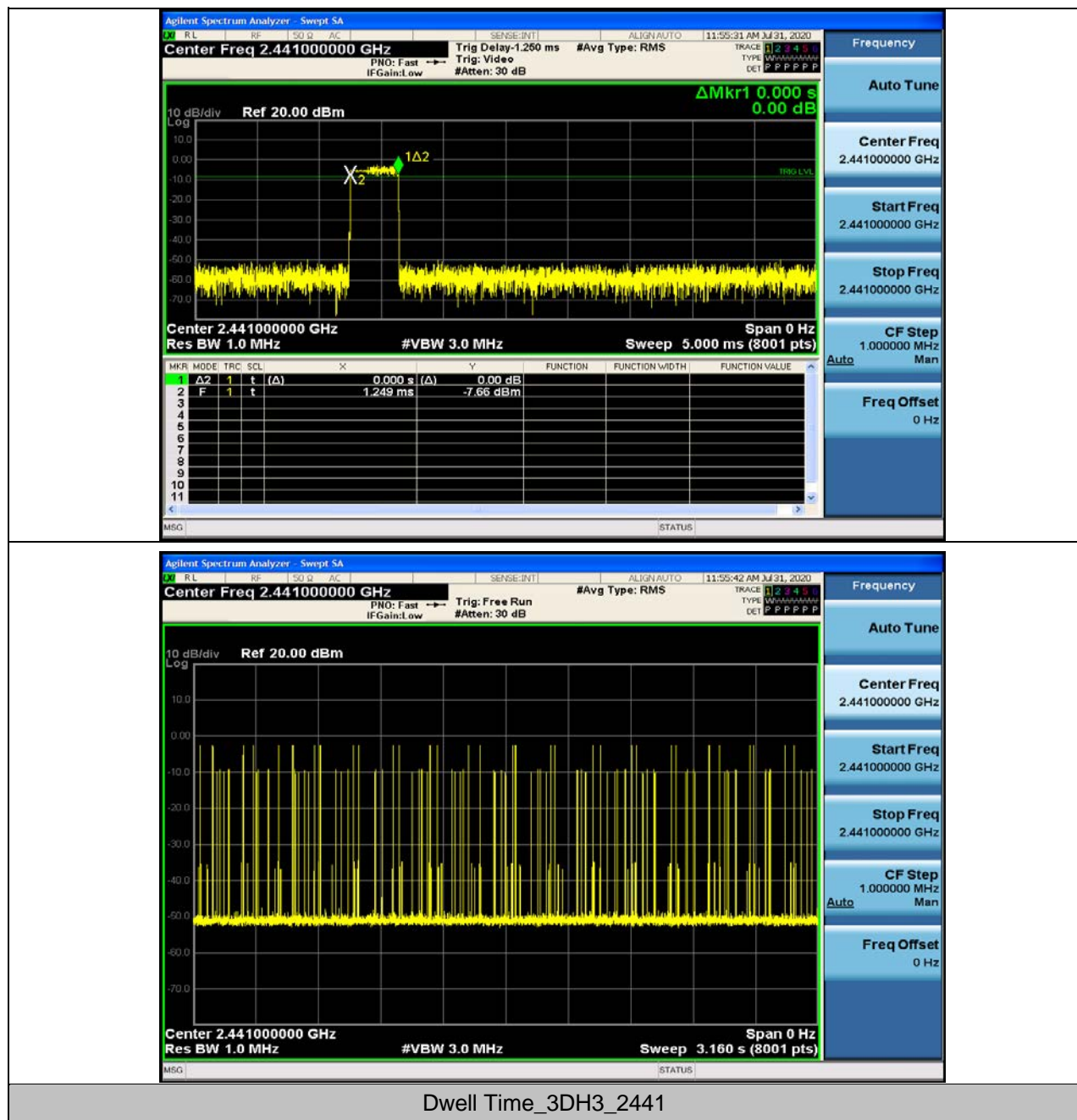




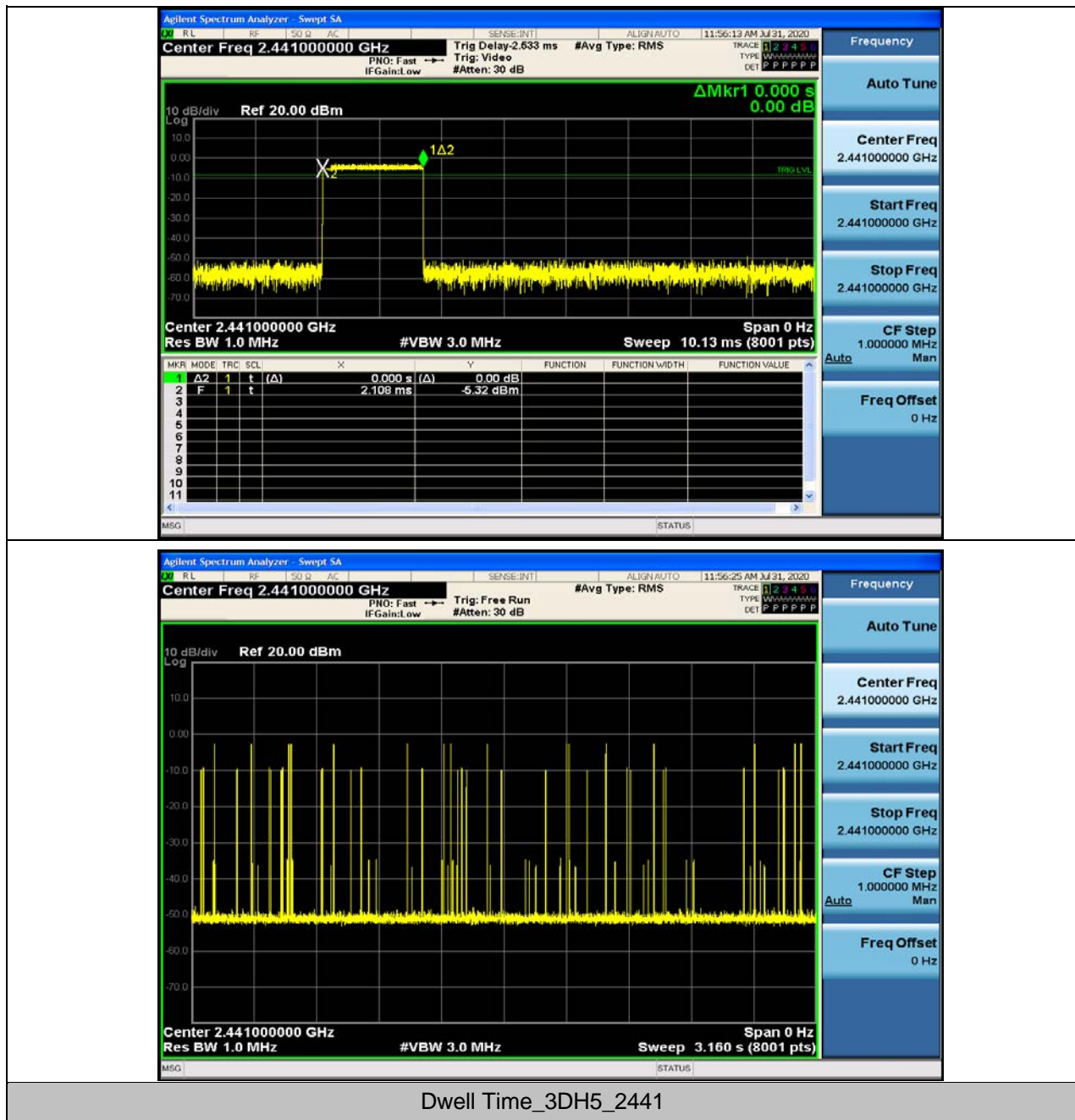
Dwell Time\_2DH3\_2441





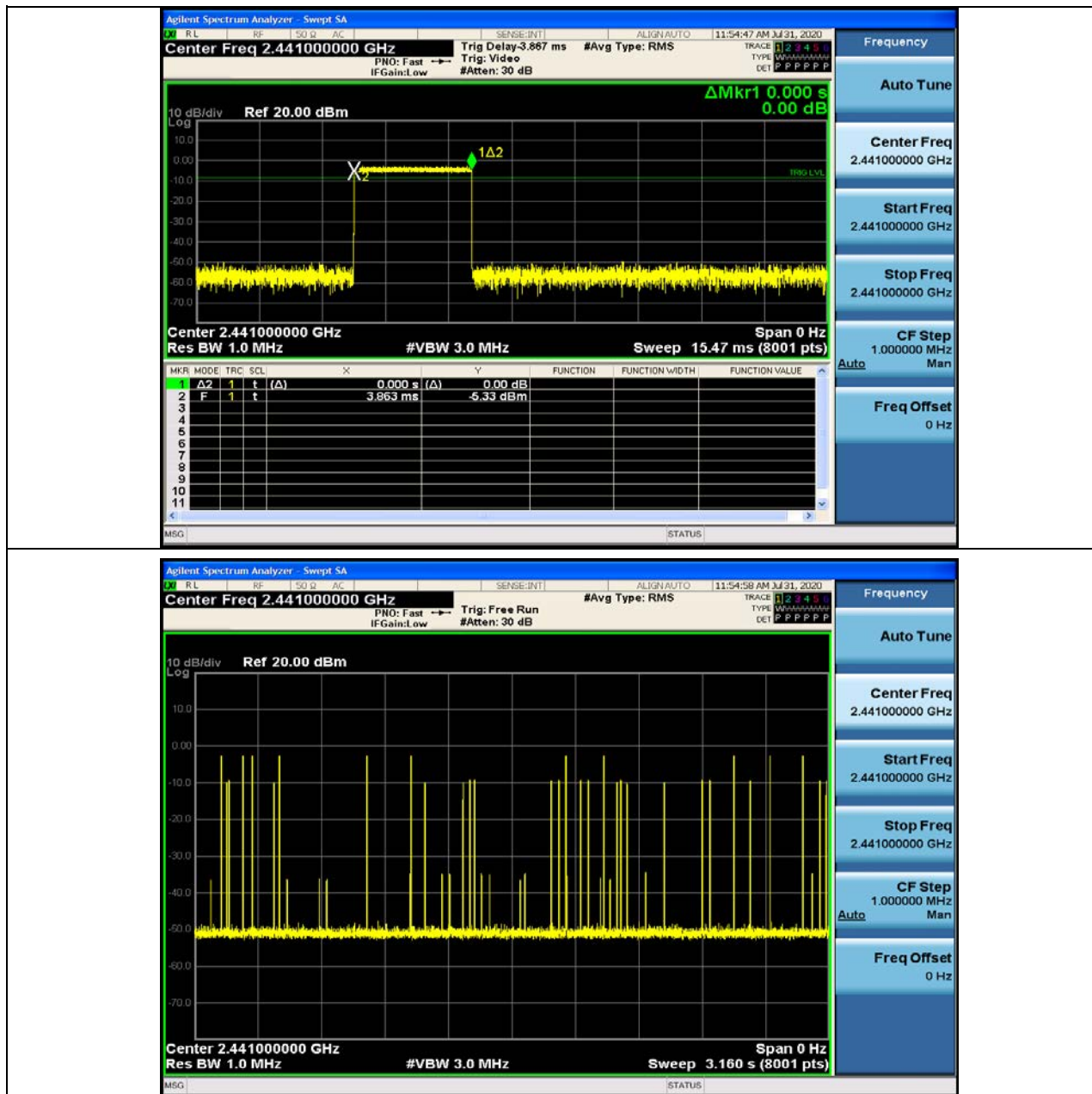






Dwell Time\_3DH5\_2441



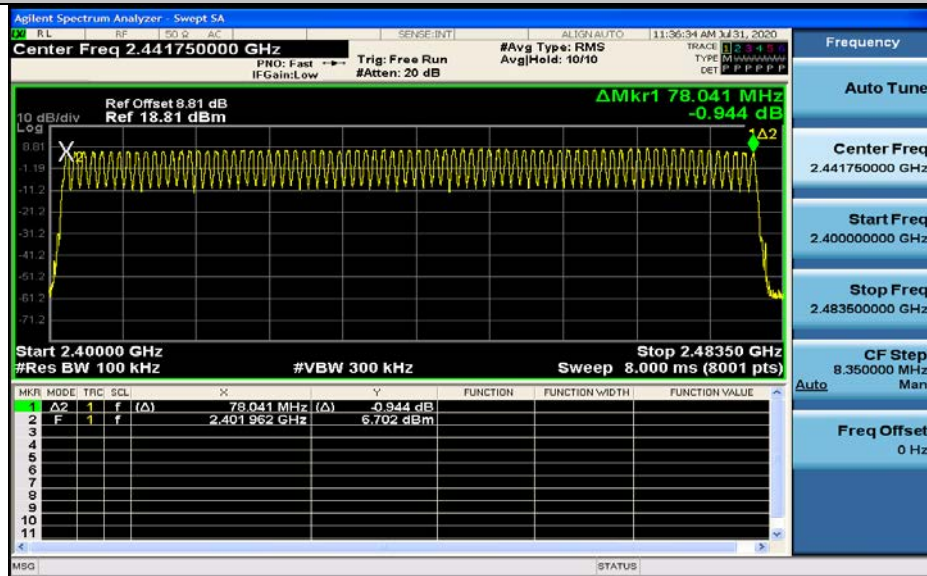




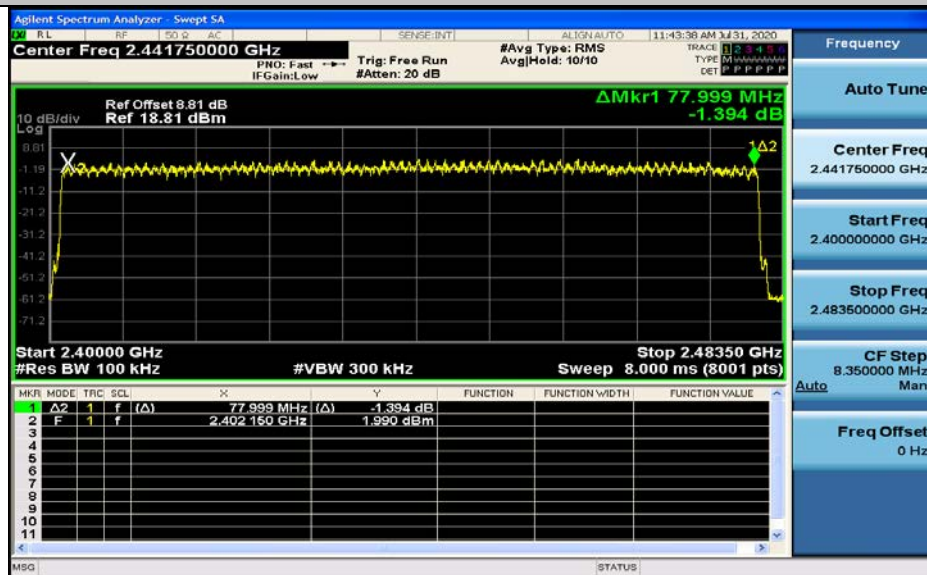
**6.Hopping Channel Number**

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

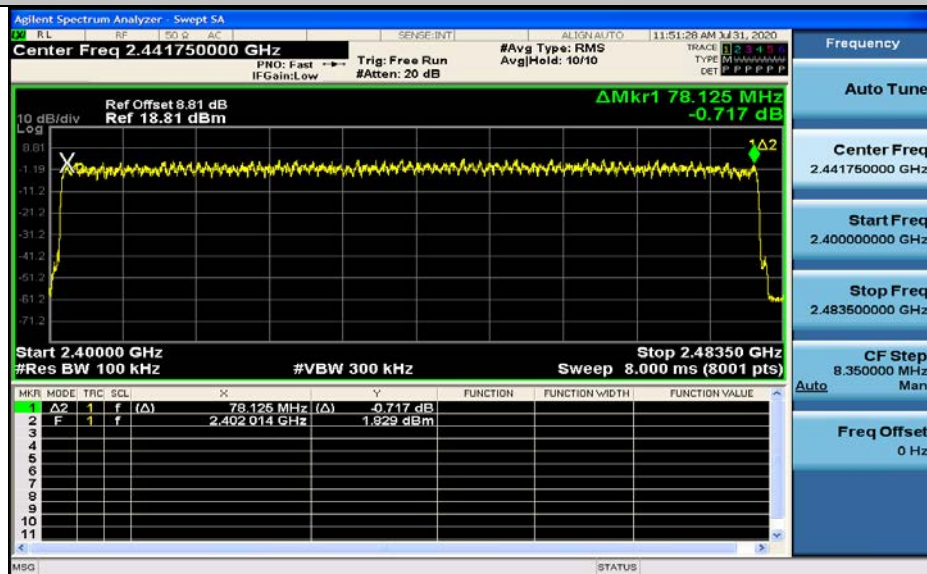
### Hopping Channel Number\_DH5



### Hopping Channel Number\_2DH5



### Hopping Channel Number\_3DH5



### 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	7.14	-52.43	-12.86	PASS
DH5	2402	Off	7.25	-47.28	-12.75	PASS
DH5	2480	On	7.70	-57.76	-12.30	PASS
DH5	2480	Off	6.53	-55.25	-13.47	PASS
2DH5	2402	On	1.68	-56.69	-18.32	PASS
2DH5	2402	Off	2.19	-55.08	-17.82	PASS
2DH5	2480	On	2.17	-58.27	-17.83	PASS
2DH5	2480	Off	1.31	-57.72	-18.69	PASS
3DH5	2402	On	2.05	-57.95	-17.95	PASS
3DH5	2402	Off	2.21	-55.47	-17.79	PASS
3DH5	2480	On	2.22	-58.54	-17.78	PASS
3DH5	2480	Off	1.41	-58.30	-18.59	PASS

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



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

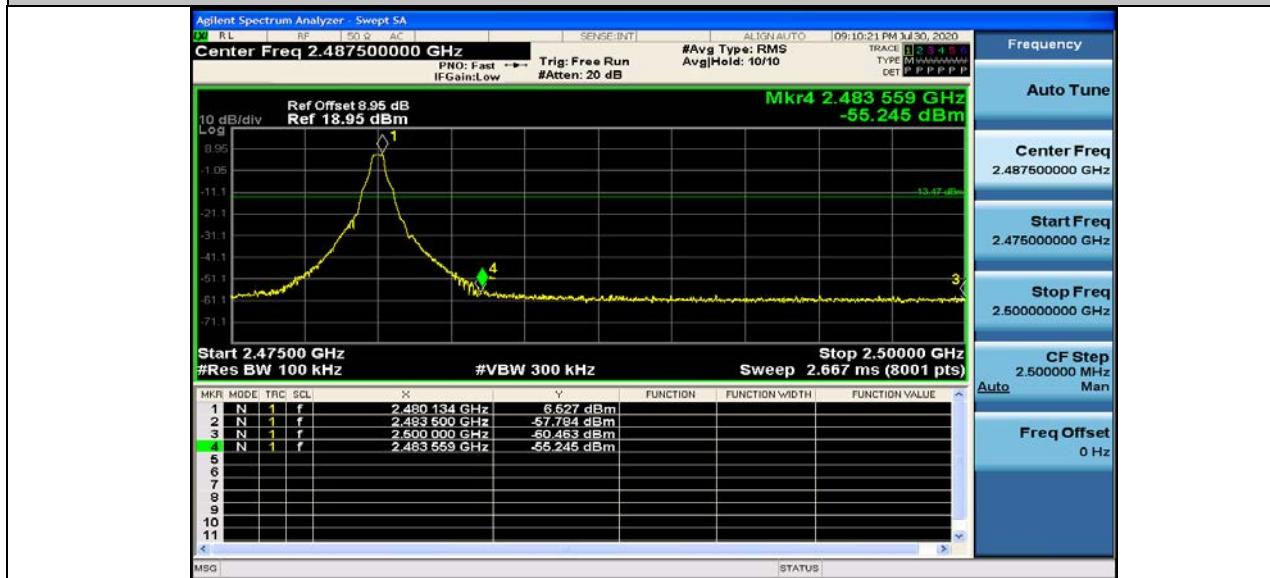


Band-edge for RF Conducted Emissions\_DH5\_2480\_Hopping On





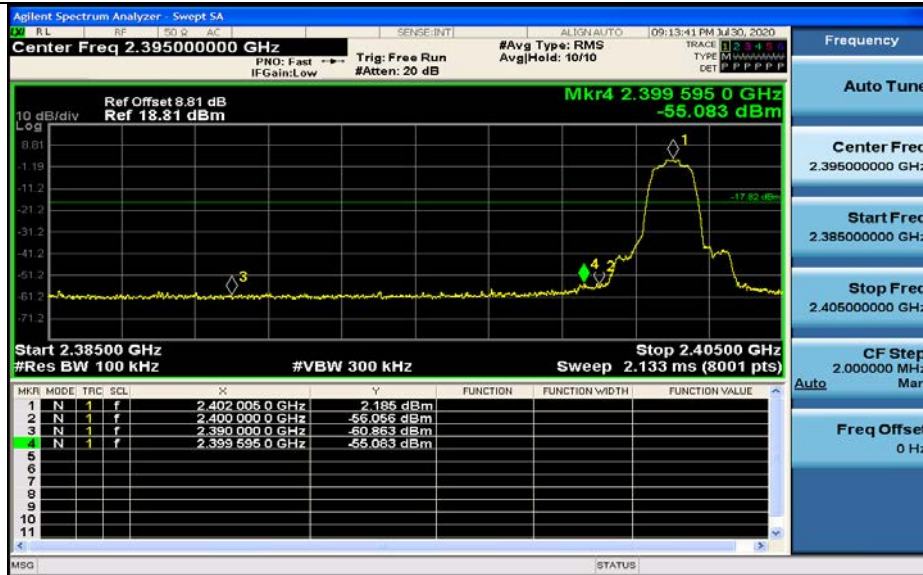
Band-edge for RF Conducted Emissions\_DH5\_2480\_Hopping Off



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



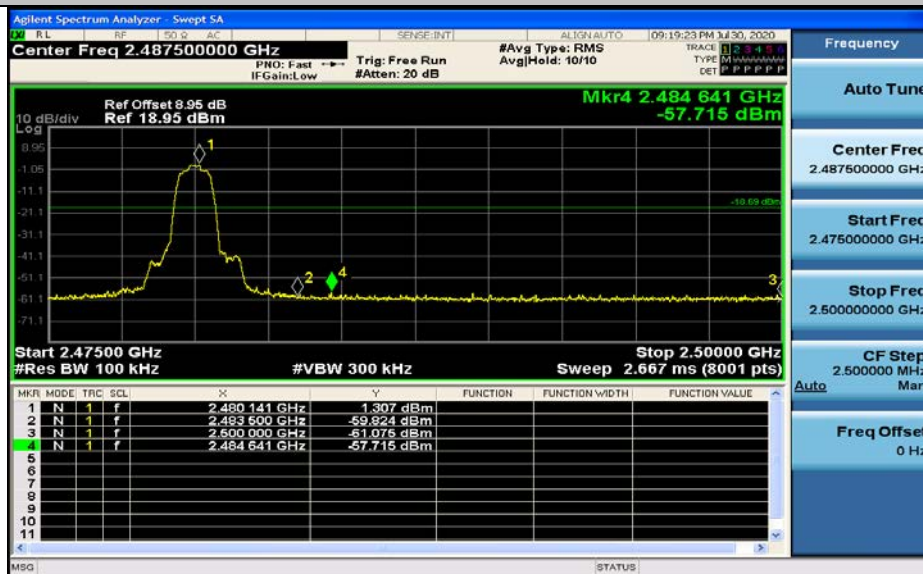
Band-edge for RF Conducted Emissions\_2DH5\_2402\_Hopping Off



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



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



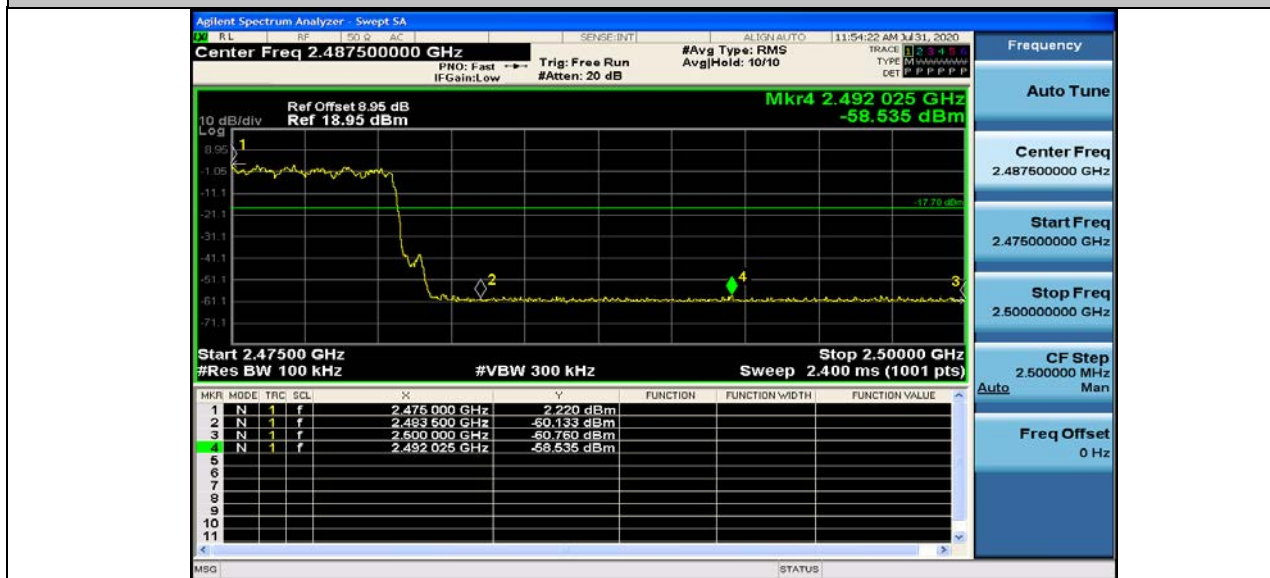
Band-edge for RF Conducted Emissions\_3DH5\_2402\_Hopping On



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

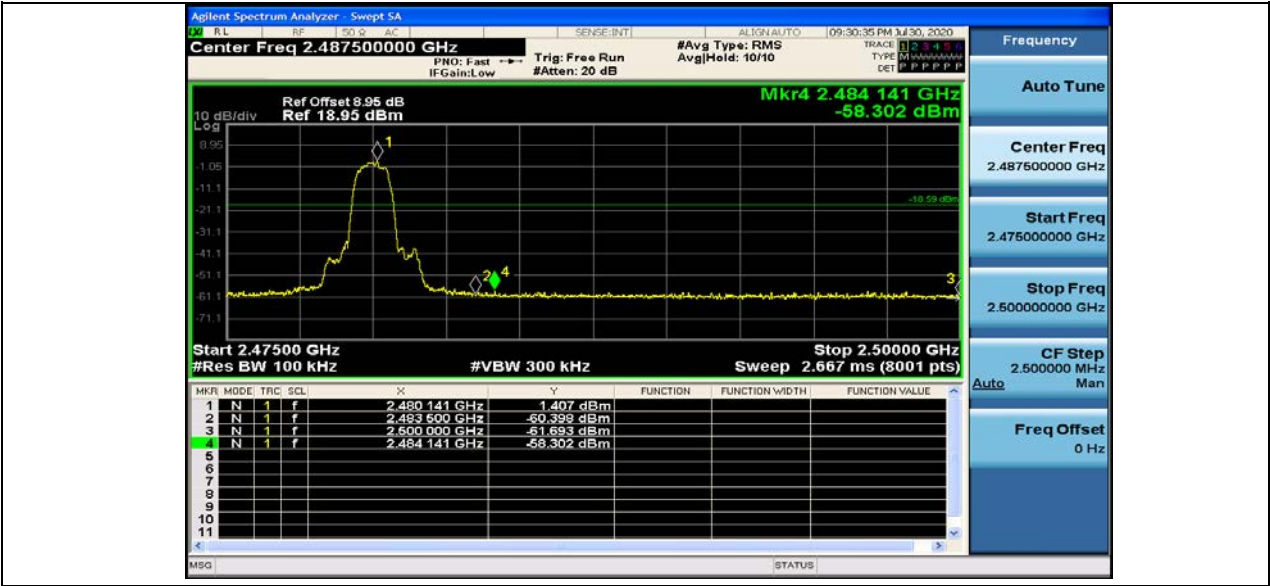


Band-edge for RF Conducted Emissions\_3DH5\_2480\_Hopping On



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



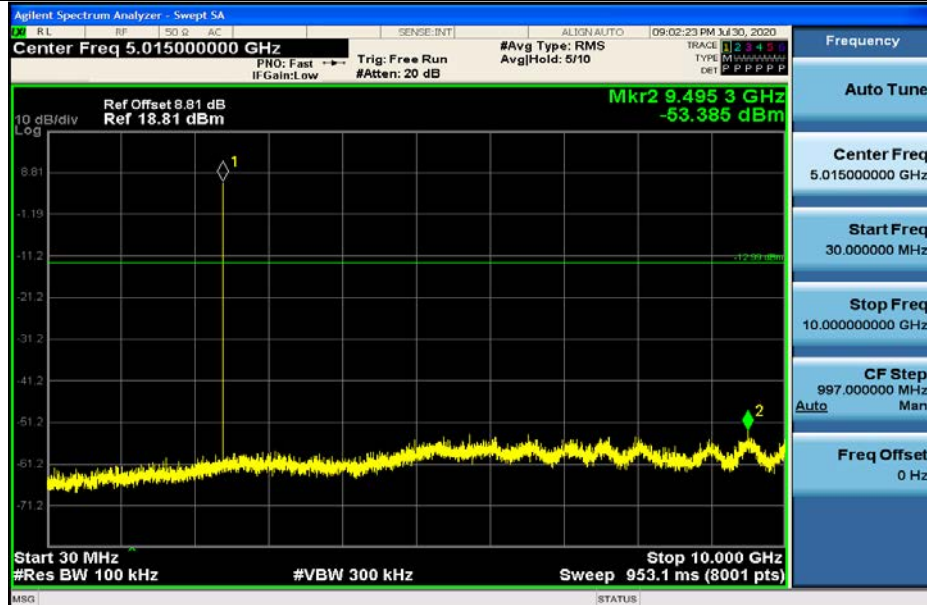


### 8.RF Conducted Spurious Emissions

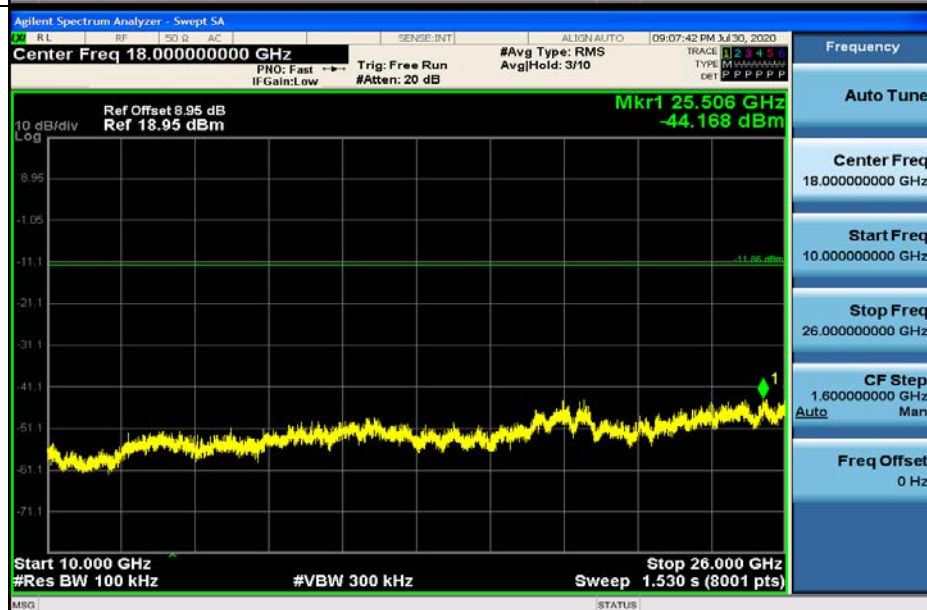
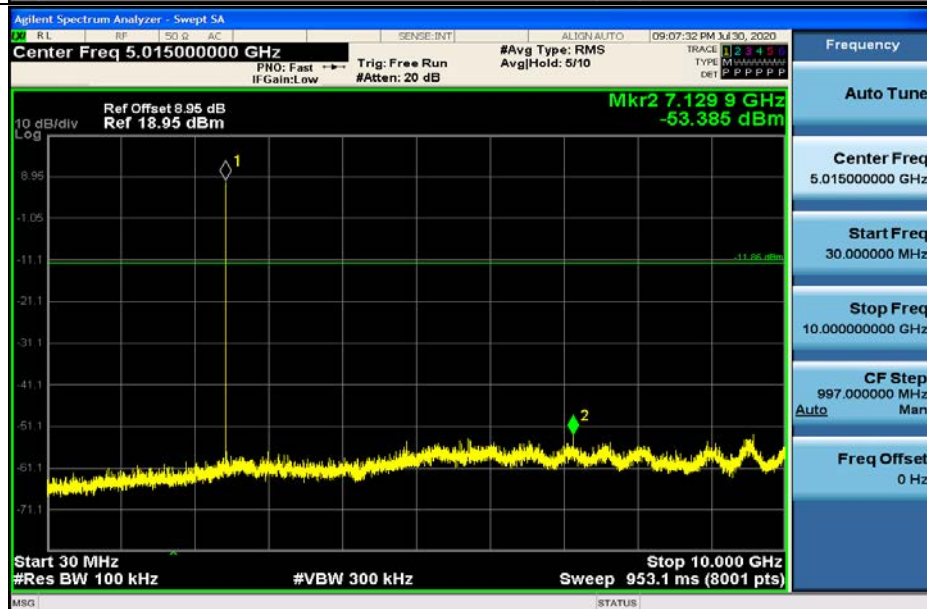
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
DH5	2402	30	10000	100	300	7.01	-53.39	<-12.99	PASS
DH5	2402	10000	26000	100	300	7.013	-44.245	<-12.987	PASS
DH5	2441	30	10000	100	300	8.14	-53.39	<-11.86	PASS
DH5	2441	10000	26000	100	300	8.138	-44.168	<-11.862	PASS
DH5	2480	30	10000	100	300	6.43	-47.18	<-13.57	PASS
DH5	2480	10000	26000	100	300	6.43	-44.119	<-13.57	PASS
2DH5	2402	30	10000	100	300	2.00	-53.54	<-18.00	PASS
2DH5	2402	10000	26000	100	300	2	-43.897	<-18	PASS
2DH5	2441	30	10000	100	300	3.39	-52.67	<-16.61	PASS
2DH5	2441	10000	26000	100	300	3.394	-44.073	<-16.606	PASS
2DH5	2480	30	10000	100	300	0.80	-54.23	<-19.20	PASS
2DH5	2480	10000	26000	100	300	0.797	-43.029	<-19.203	PASS
3DH5	2402	30	10000	100	300	2.12	-53.94	<-17.88	PASS
3DH5	2402	10000	26000	100	300	2.123	-43.393	<-17.877	PASS
3DH5	2441	30	10000	100	300	3.58	-53.34	<-16.42	PASS
3DH5	2441	10000	26000	100	300	3.578	-44.134	<-16.422	PASS
3DH5	2480	30	10000	100	300	1.31	-53.77	<-18.69	PASS
3DH5	2480	10000	26000	100	300	1.308	-43.506	<-18.692	PASS



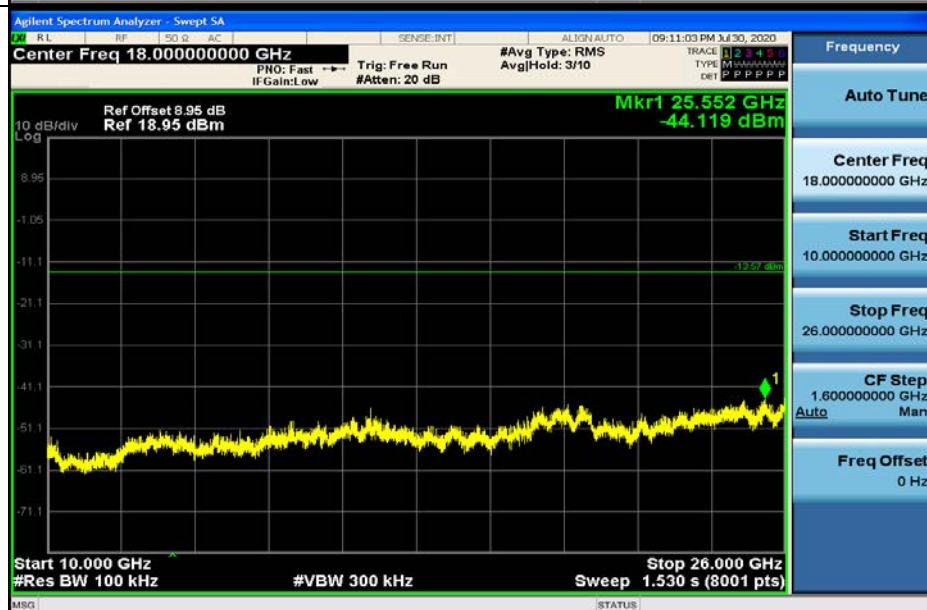
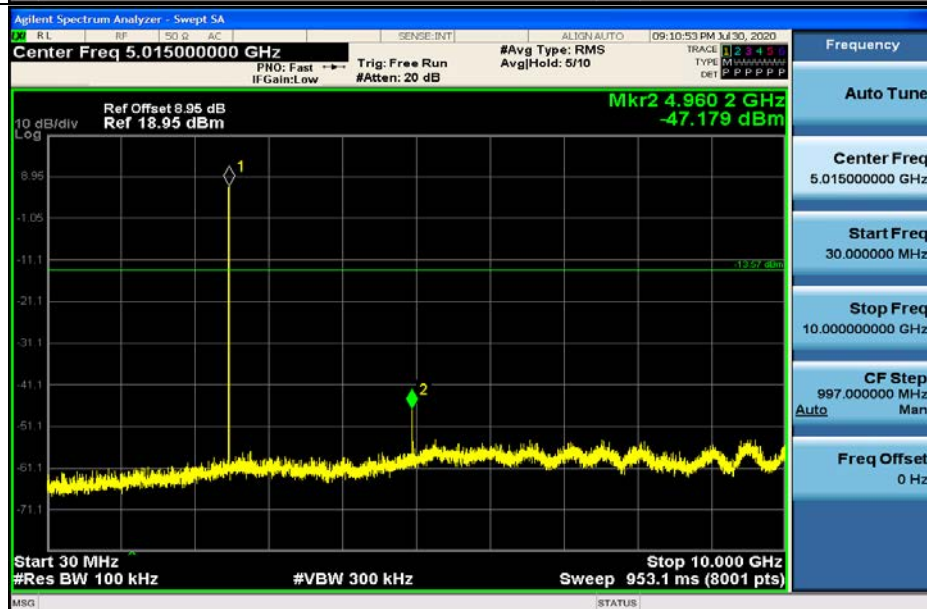
RF Conducted Spurious Emissions\_DH5\_2402



RF Conducted Spurious Emissions\_DH5\_2441

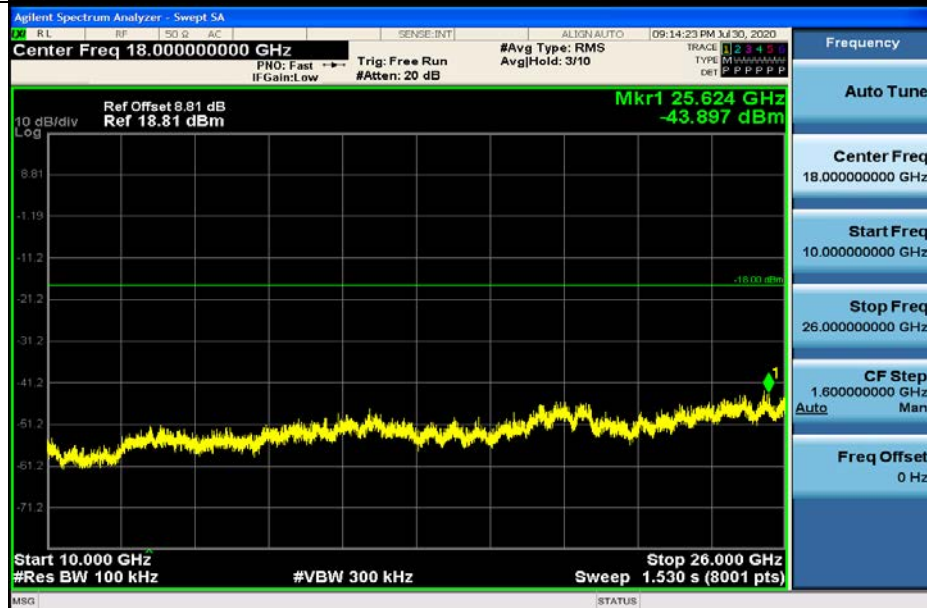
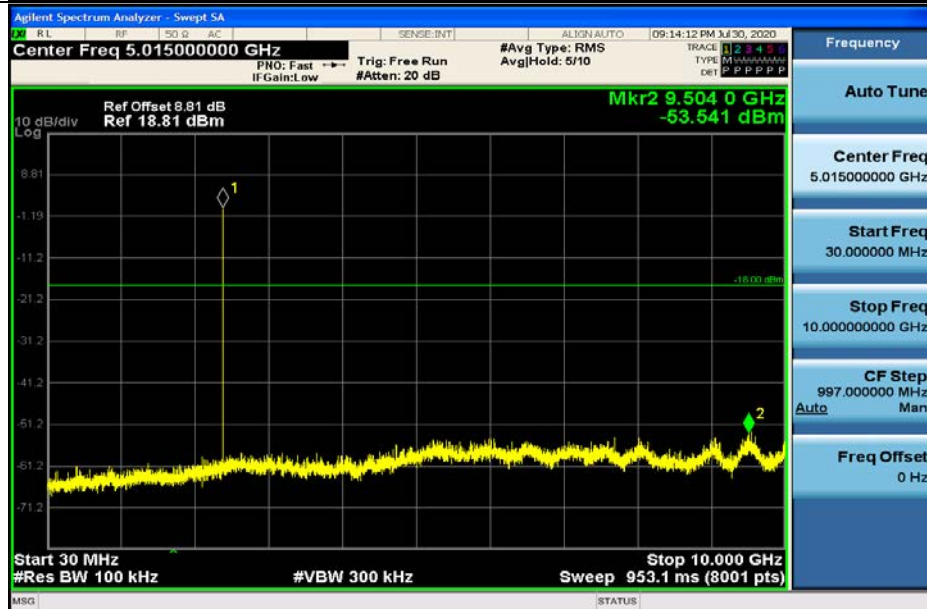


RF Conducted Spurious Emissions\_DH5\_2480

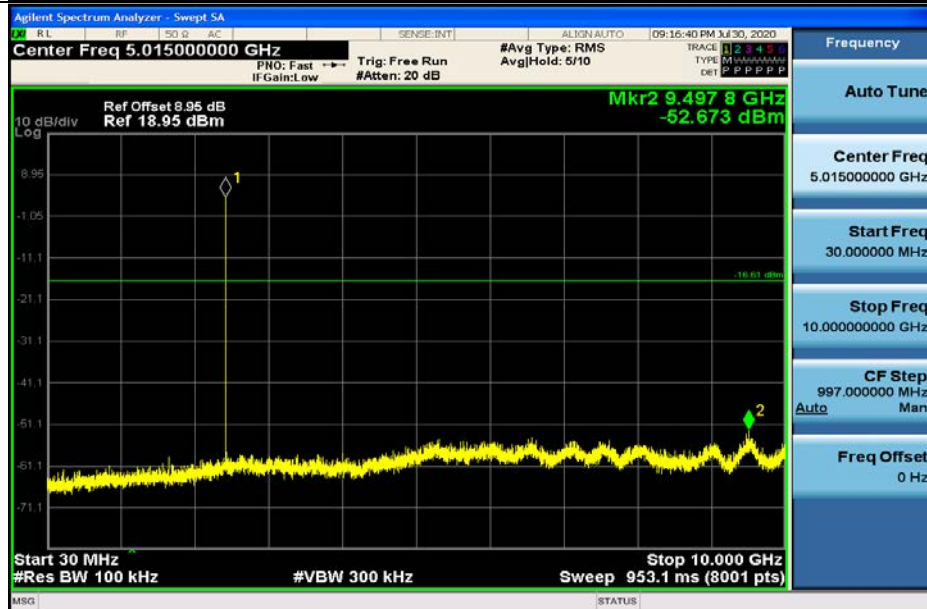




RF Conducted Spurious Emissions\_2DH5\_2402

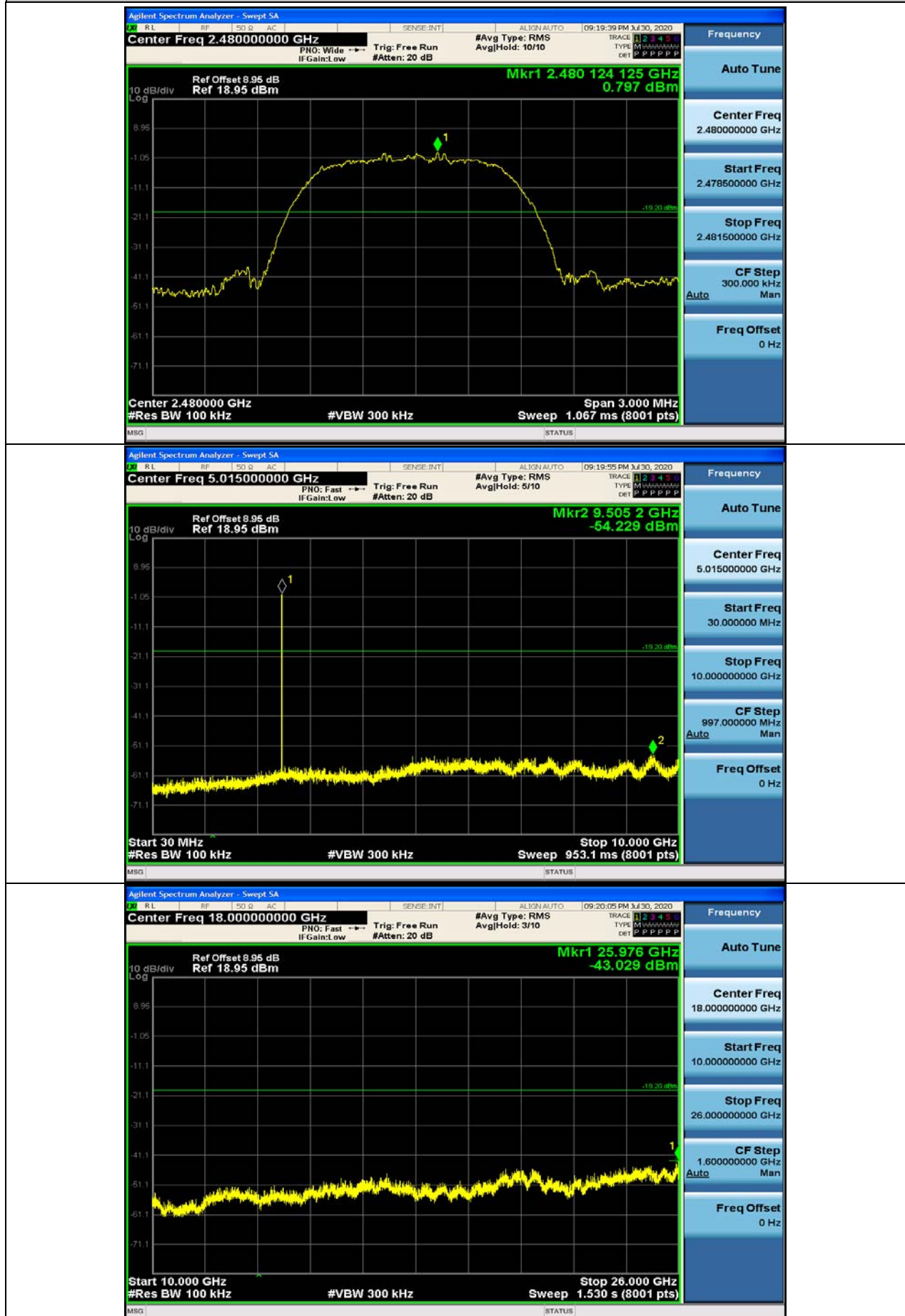


RF Conducted Spurious Emissions\_2DH5\_2441

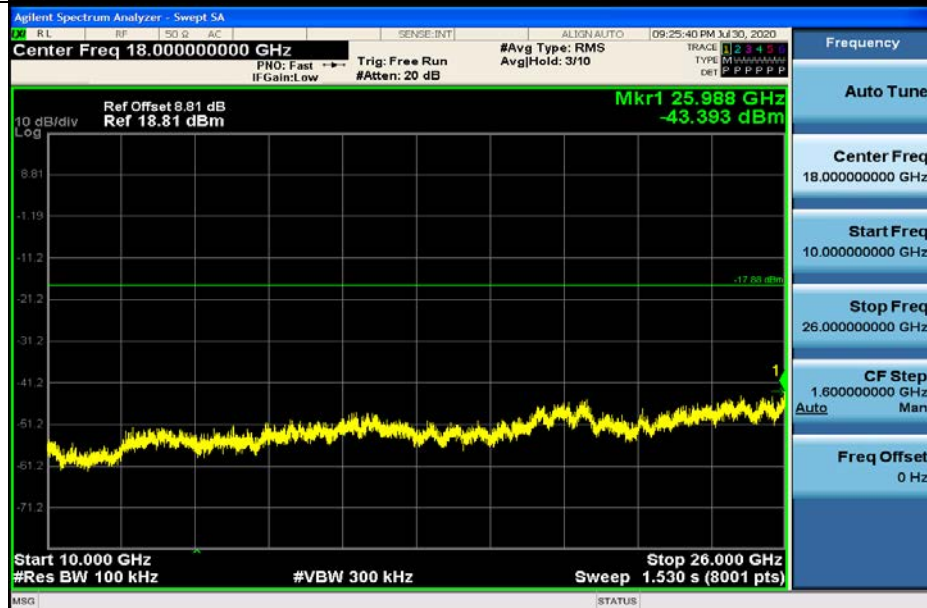
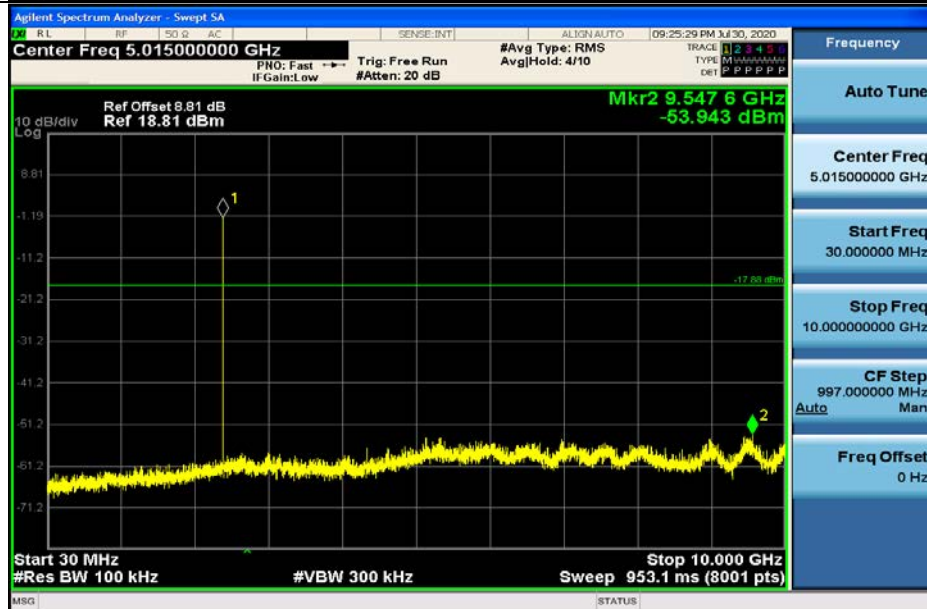




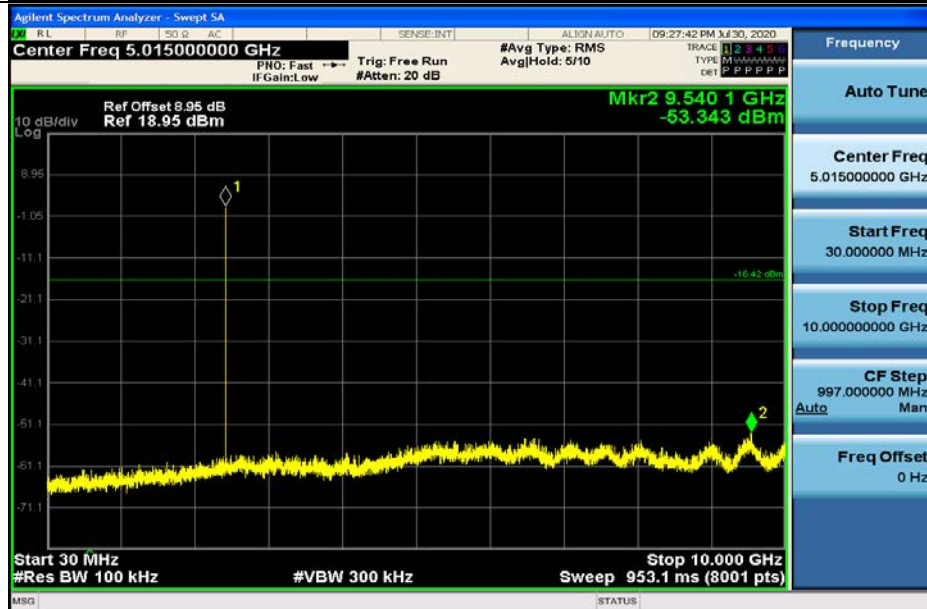
RF Conducted Spurious Emissions\_2DH5\_2480



RF Conducted Spurious Emissions\_3DH5\_2402



RF Conducted Spurious Emissions\_3DH5\_2441





RF Conducted Spurious Emissions\_3DH5\_2480

