



Appendix A SHEM190301195101

1.20 dB Bandwidth

Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
DH5	2402	1.04	---	PASS
DH5	2441	1.04	---	PASS
DH5	2480	1.04	---	PASS
2DH5	2402	1.17	---	PASS
2DH5	2441	1.16	---	PASS
2DH5	2480	1.11	---	PASS
3DH5	2402	1.18	---	PASS
3DH5	2441	1.17	---	PASS
3DH5	2480	1.17	---	PASS

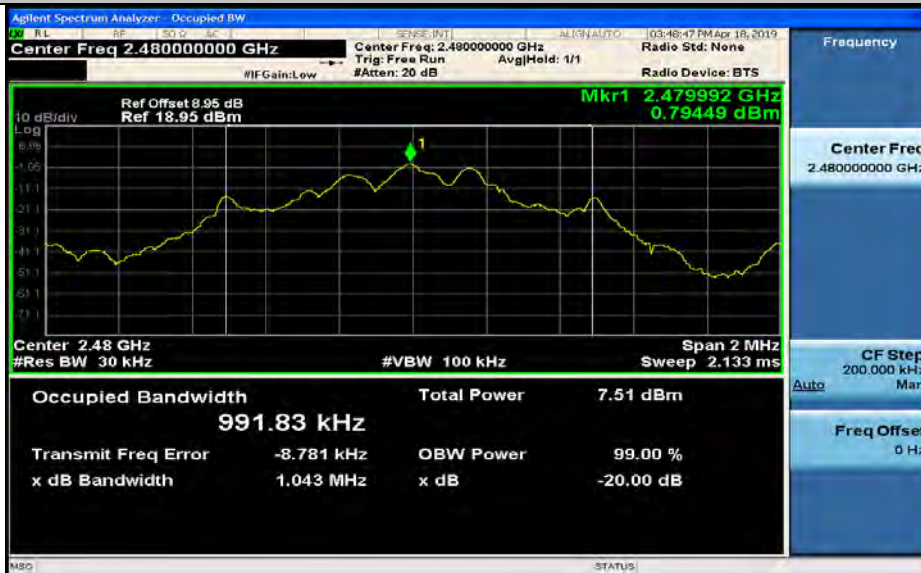
20 dB Bandwidth\_DH5\_2402



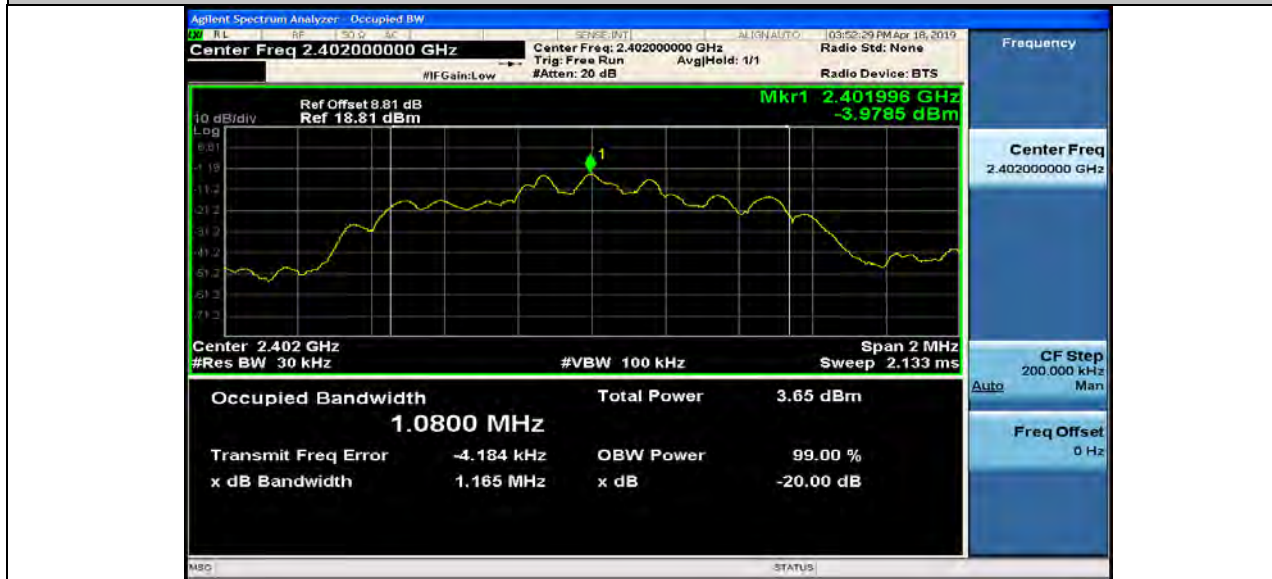
20 dB Bandwidth\_DH5\_2441



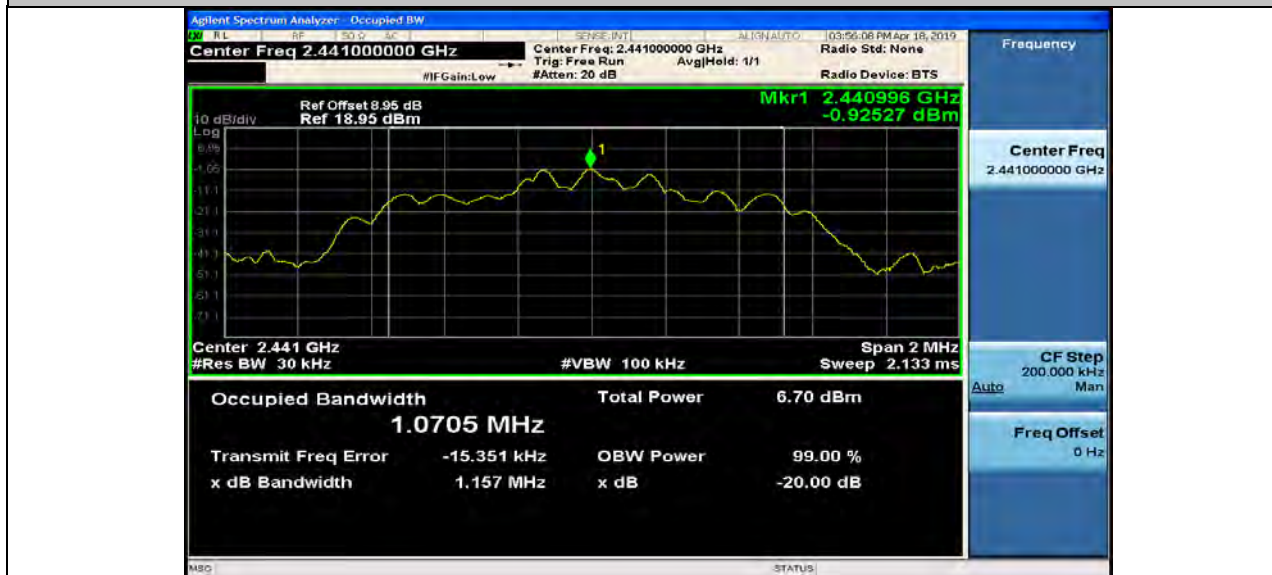
20 dB Bandwidth\_DH5\_2480



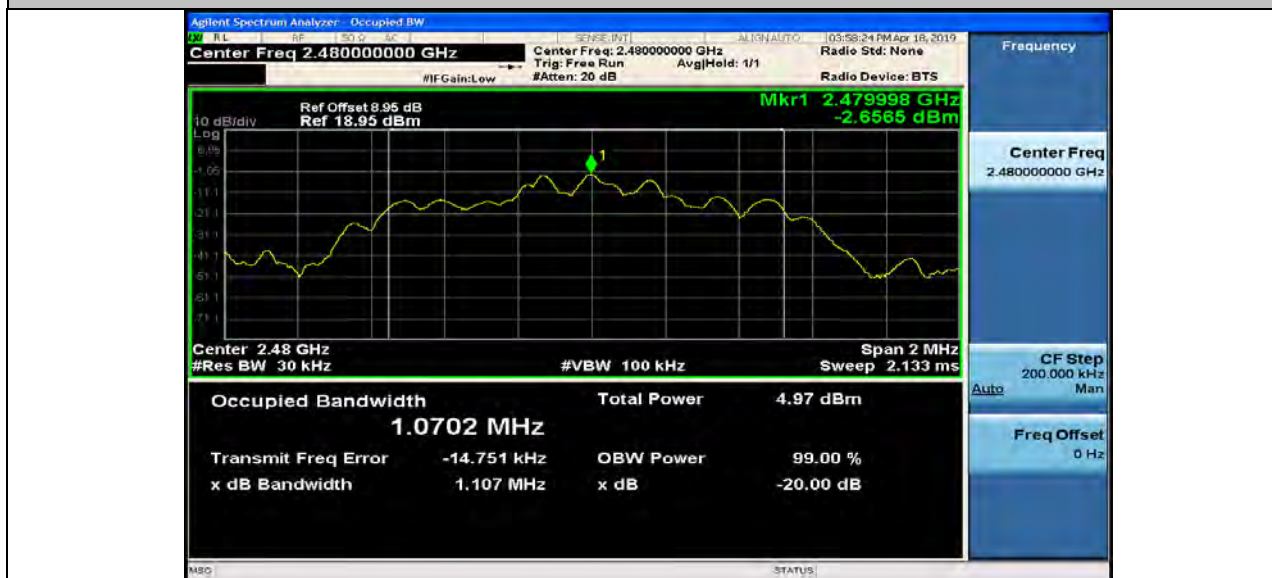
20 dB Bandwidth\_2DH5\_2402



20 dB Bandwidth\_2DH5\_2441

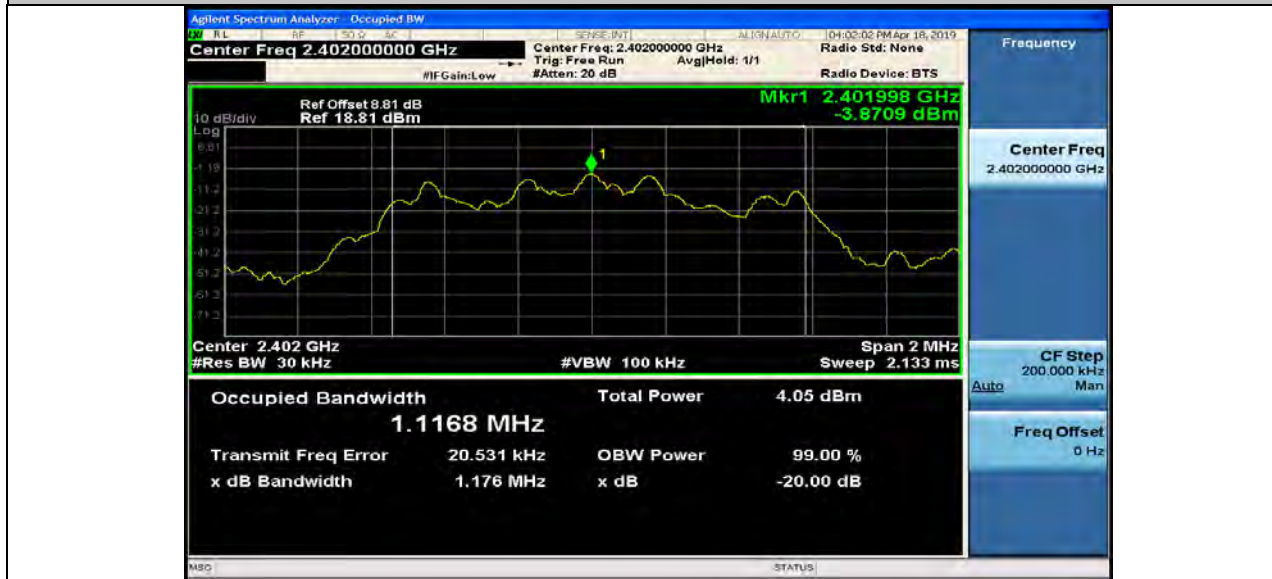


20 dB Bandwidth\_2DH5\_2480

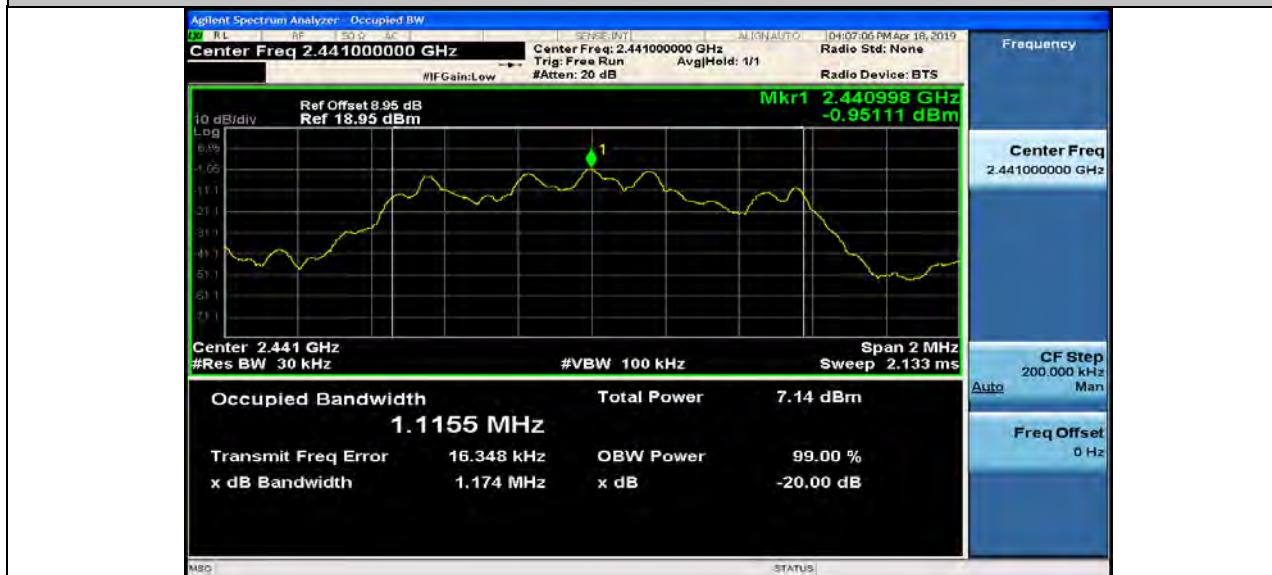




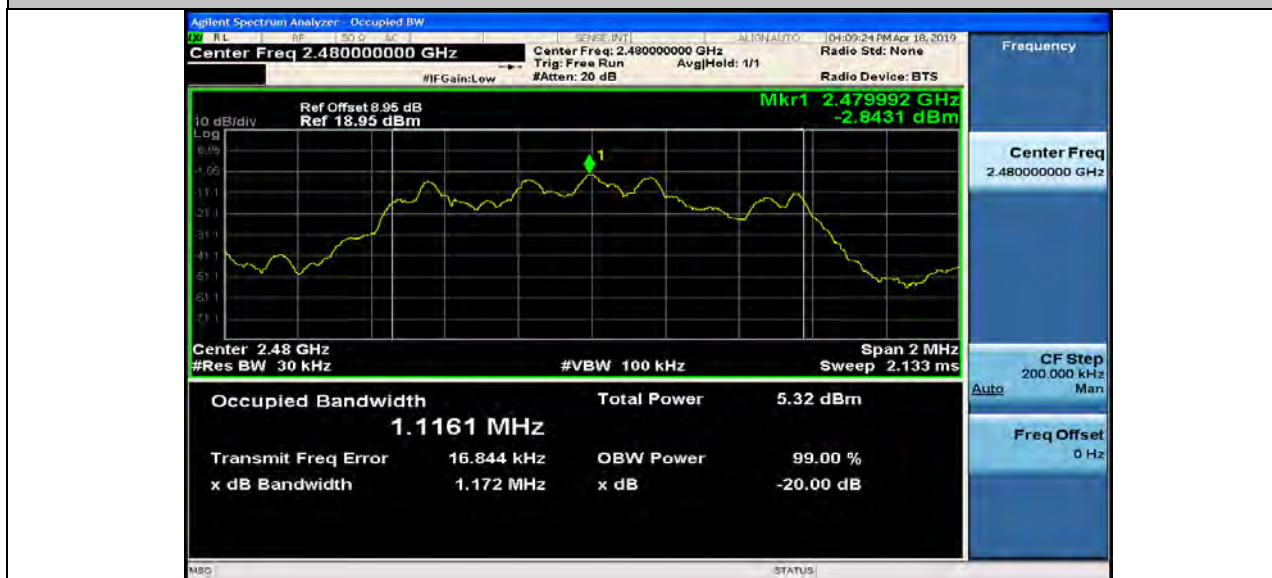
20 dB Bandwidth\_3DH5\_2402



20 dB Bandwidth\_3DH5\_2441



20 dB Bandwidth\_3DH5\_2480

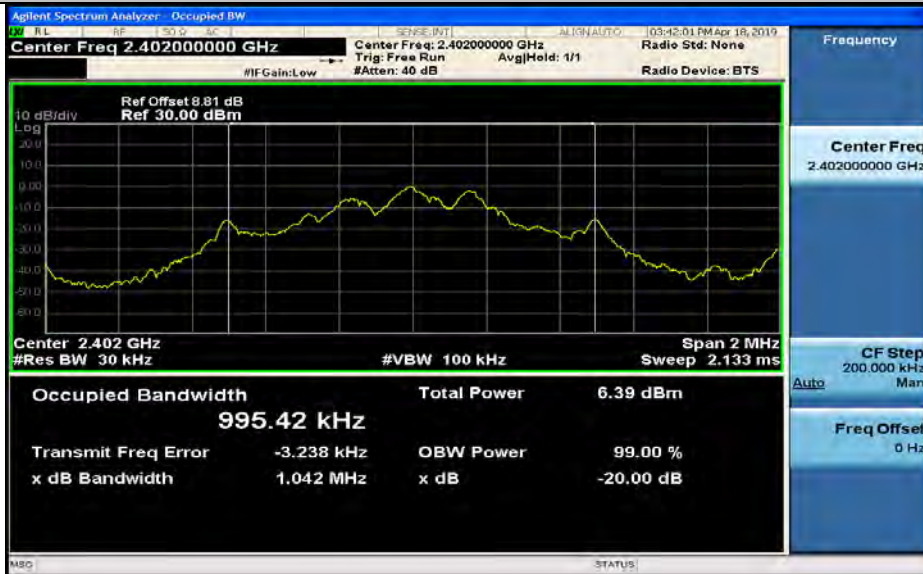




## 2.Occupied Bandwidth

Test Mode	Test Channel	OBW[MHz]	Limit[MHz]	Verdict
DH5	2402	1.00	---	PASS
DH5	2441	0.99	---	PASS
DH5	2480	0.99	---	PASS
2DH5	2402	1.08	---	PASS
2DH5	2441	1.07	---	PASS
2DH5	2480	1.07	---	PASS
3DH5	2402	1.12	---	PASS
3DH5	2441	1.12	---	PASS
3DH5	2480	1.12	---	PASS

## Occupied Bandwidth\_DH5\_2402



## Occupied Bandwidth\_DH5\_2441

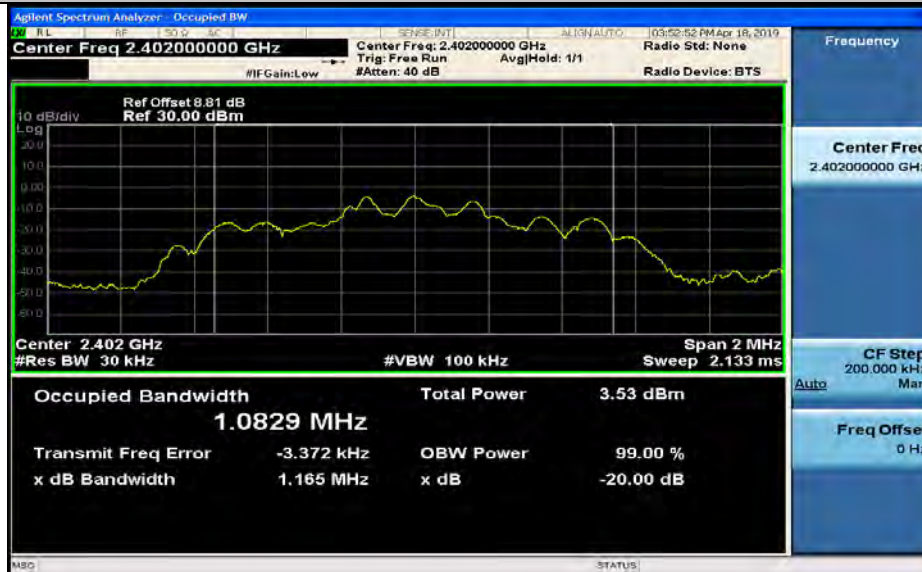


## Occupied Bandwidth\_DH5\_2480

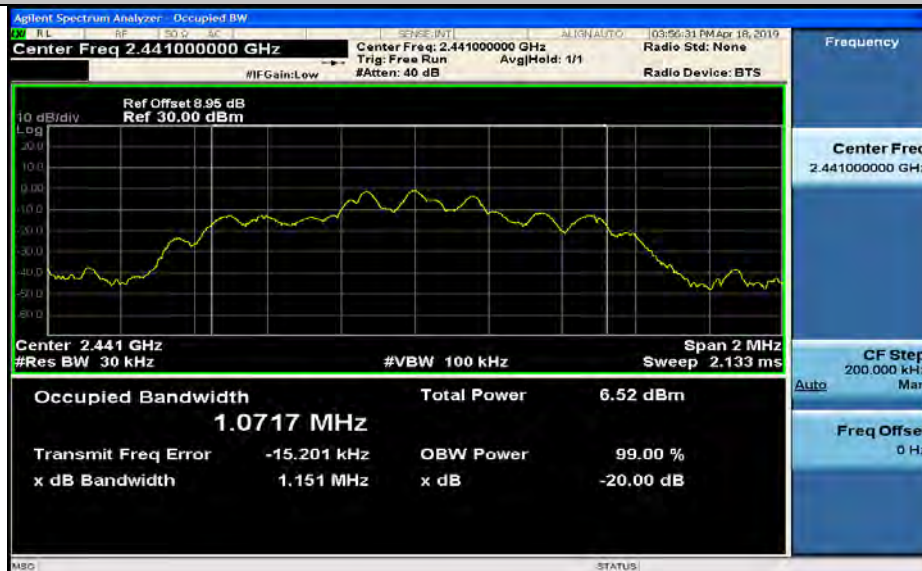




## Occupied Bandwidth\_2DH5\_2402



## Occupied Bandwidth\_2DH5\_2441



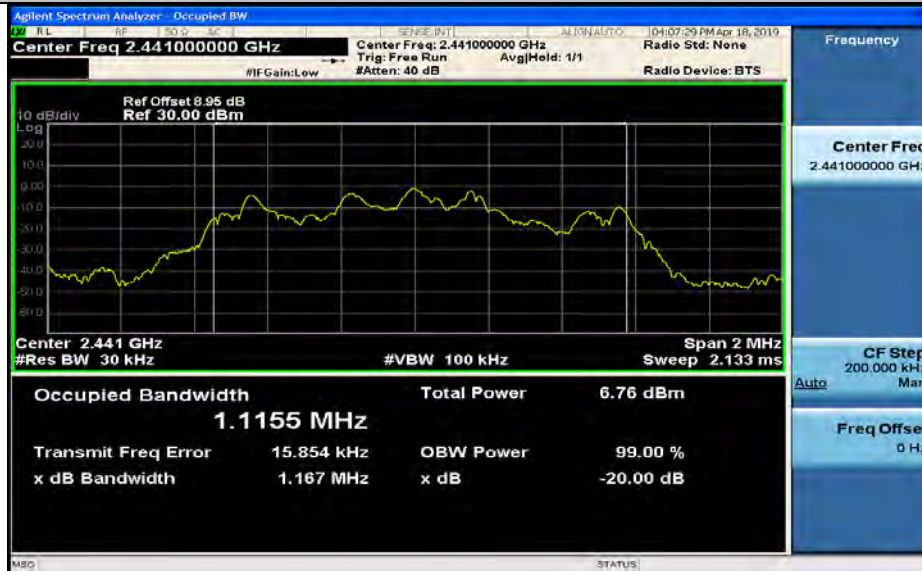
## Occupied Bandwidth\_2DH5\_2480



## 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	1.48	21	PASS
DH5	2441	4.63	21	PASS
DH5	2480	3.5	21	PASS
2DH5	2402	-0.88	21	PASS
2DH5	2441	2.6	21	PASS
2DH5	2480	1.19	21	PASS
3DH5	2402	-0.79	21	PASS
3DH5	2441	2.86	21	PASS
3DH5	2480	1.57	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	1.01	0.70	PASS
2DH5	2441	0.83	0.77	PASS
3DH5	2441	1.00	0.78	PASS

## Carrier Frequency Separation\_DH5\_2441



## Carrier Frequency Separation\_2DH5\_2441



## Carrier Frequency Separation\_3DH5\_2441



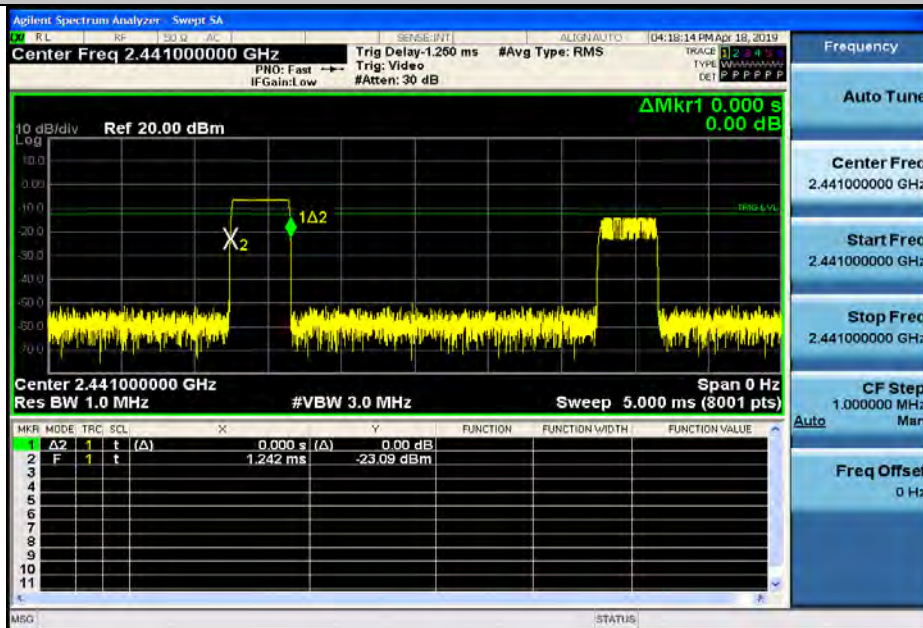




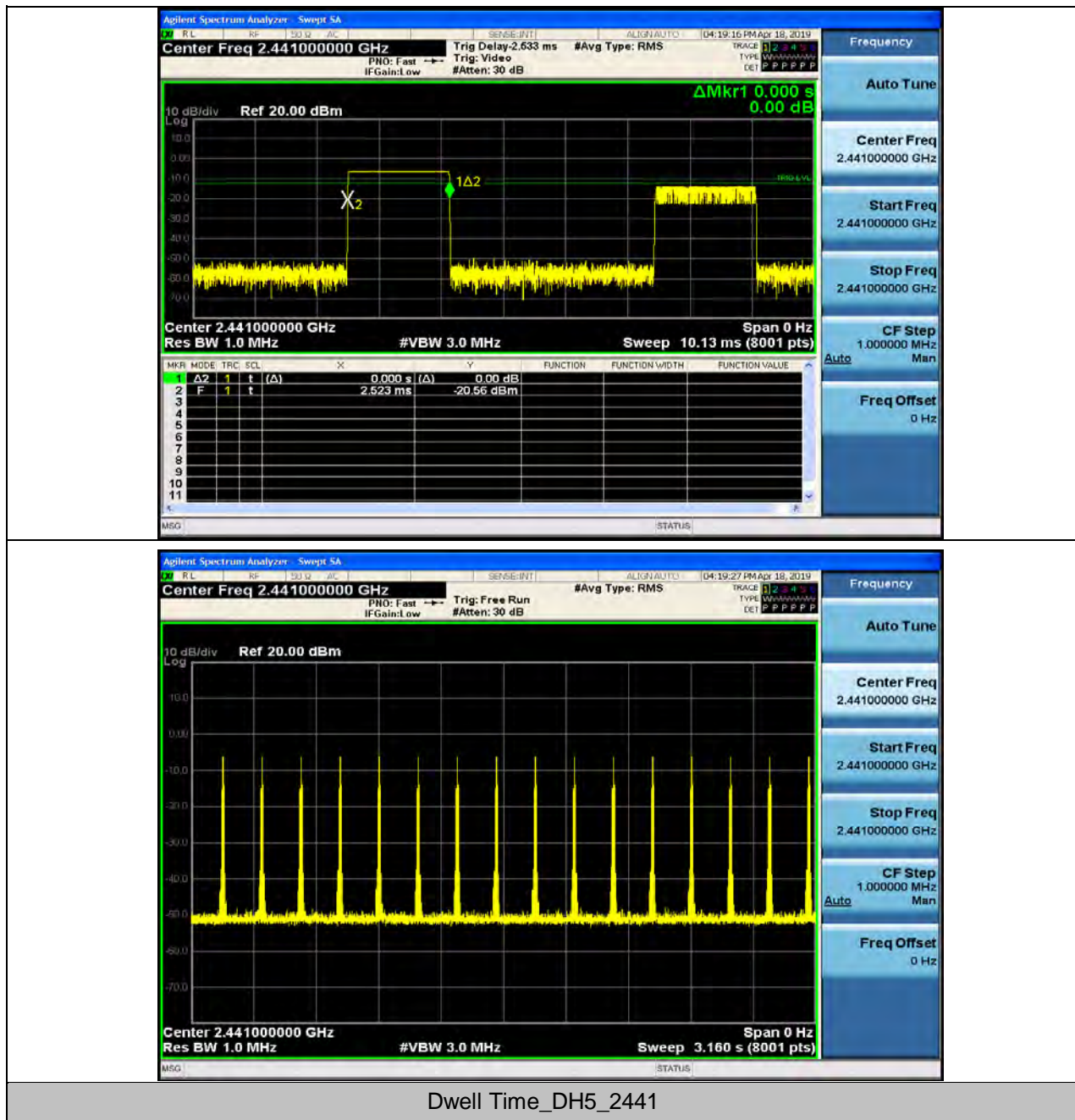
5.Dwell Time

Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
DH1	2441	0.41	310	0.13	0.4	PASS
DH3	2441	1.67	160	0.27	0.4	PASS
DH5	2441	2.91	110	0.32	0.4	PASS
2DH1	2441	0.42	320	0.13	0.4	PASS
2DH3	2441	1.67	160	0.27	0.4	PASS
2DH5	2441	1.72	160	0.28	0.4	PASS
3DH1	2441	0.42	320	0.13	0.4	PASS
3DH3	2441	1.67	160	0.27	0.4	PASS
3DH5	2441	2.92	110	0.32	0.4	PASS

Dwell Time\_DH1\_2441

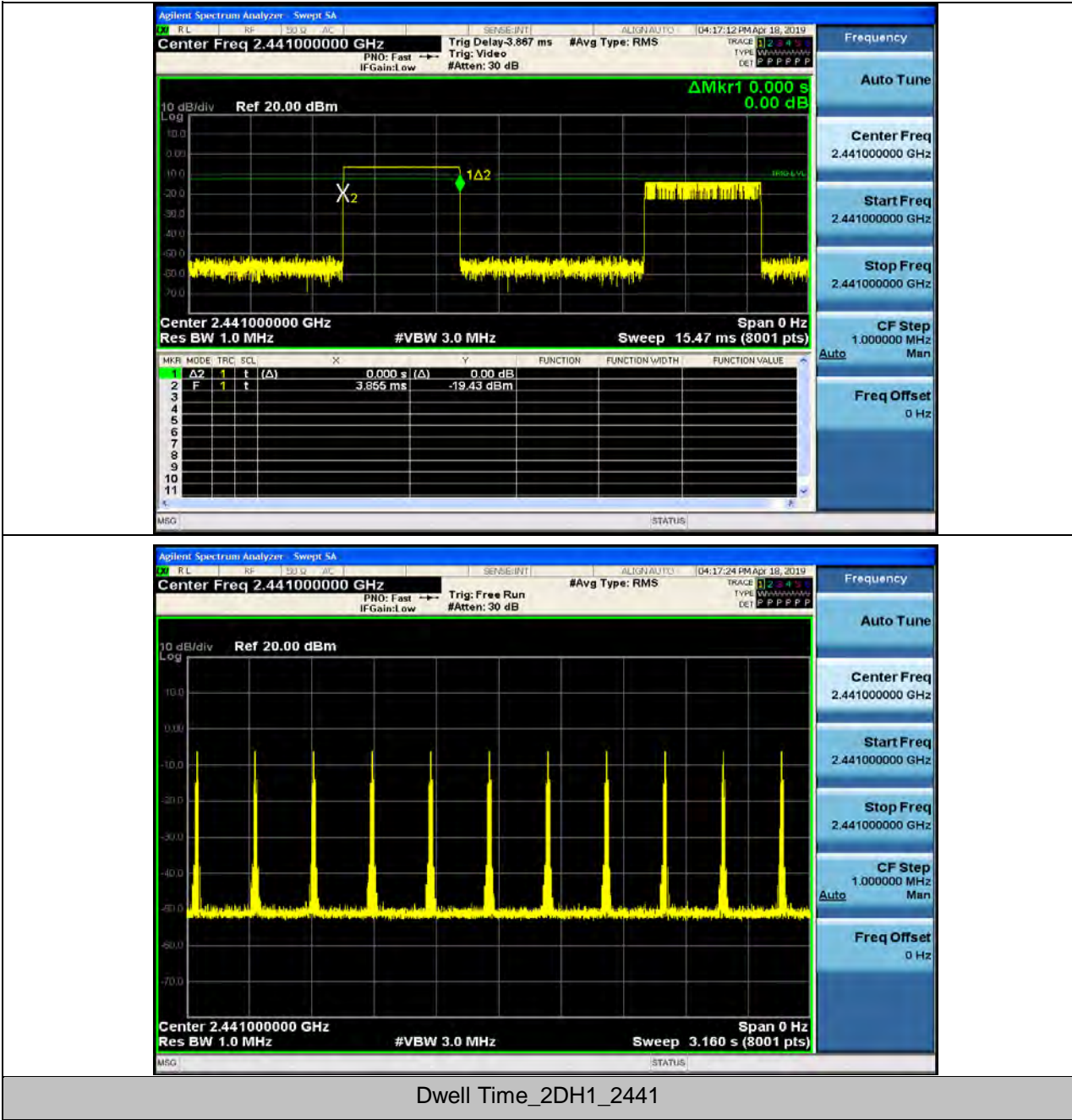


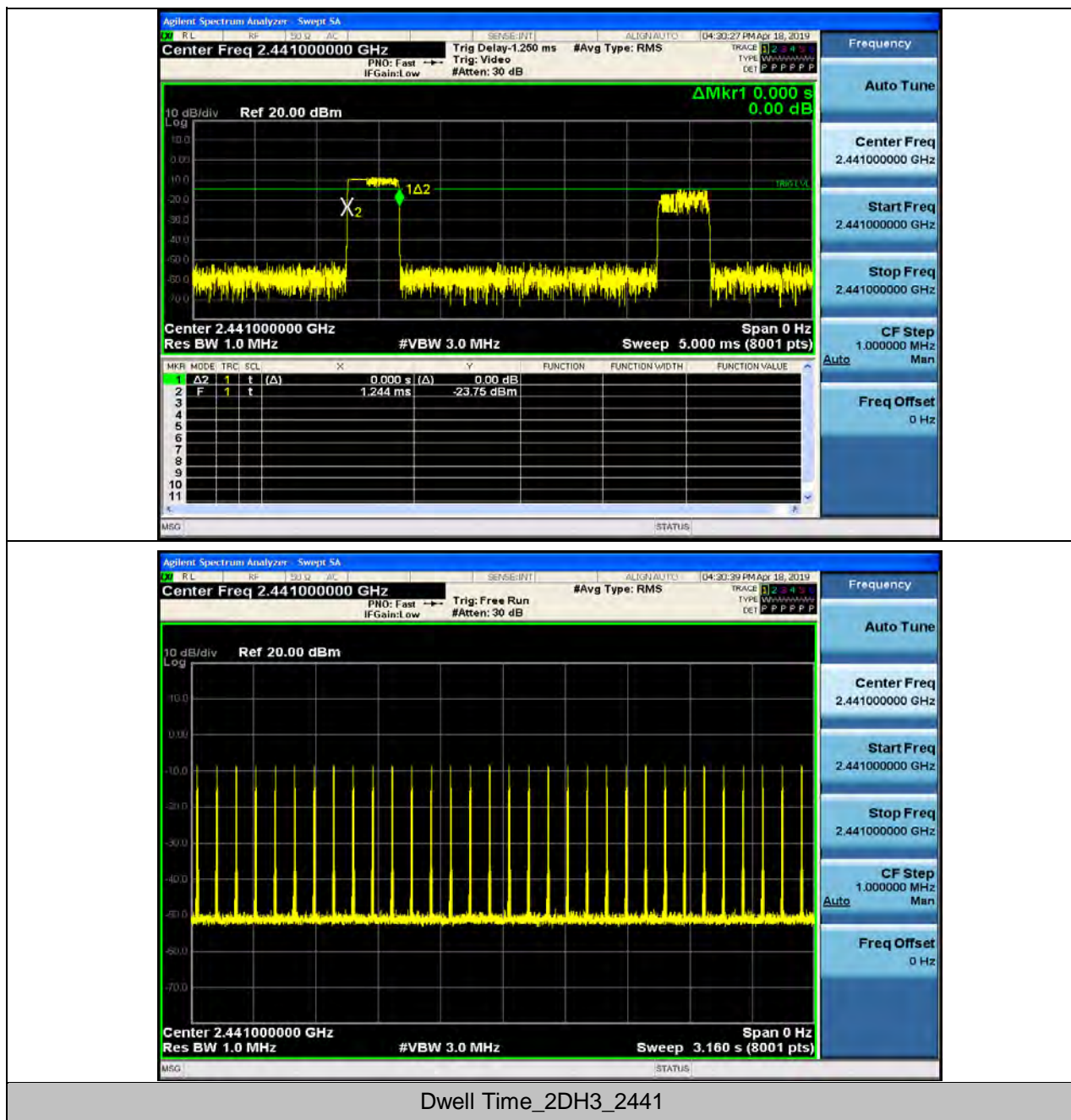
Dwell Time\_DH3\_2441



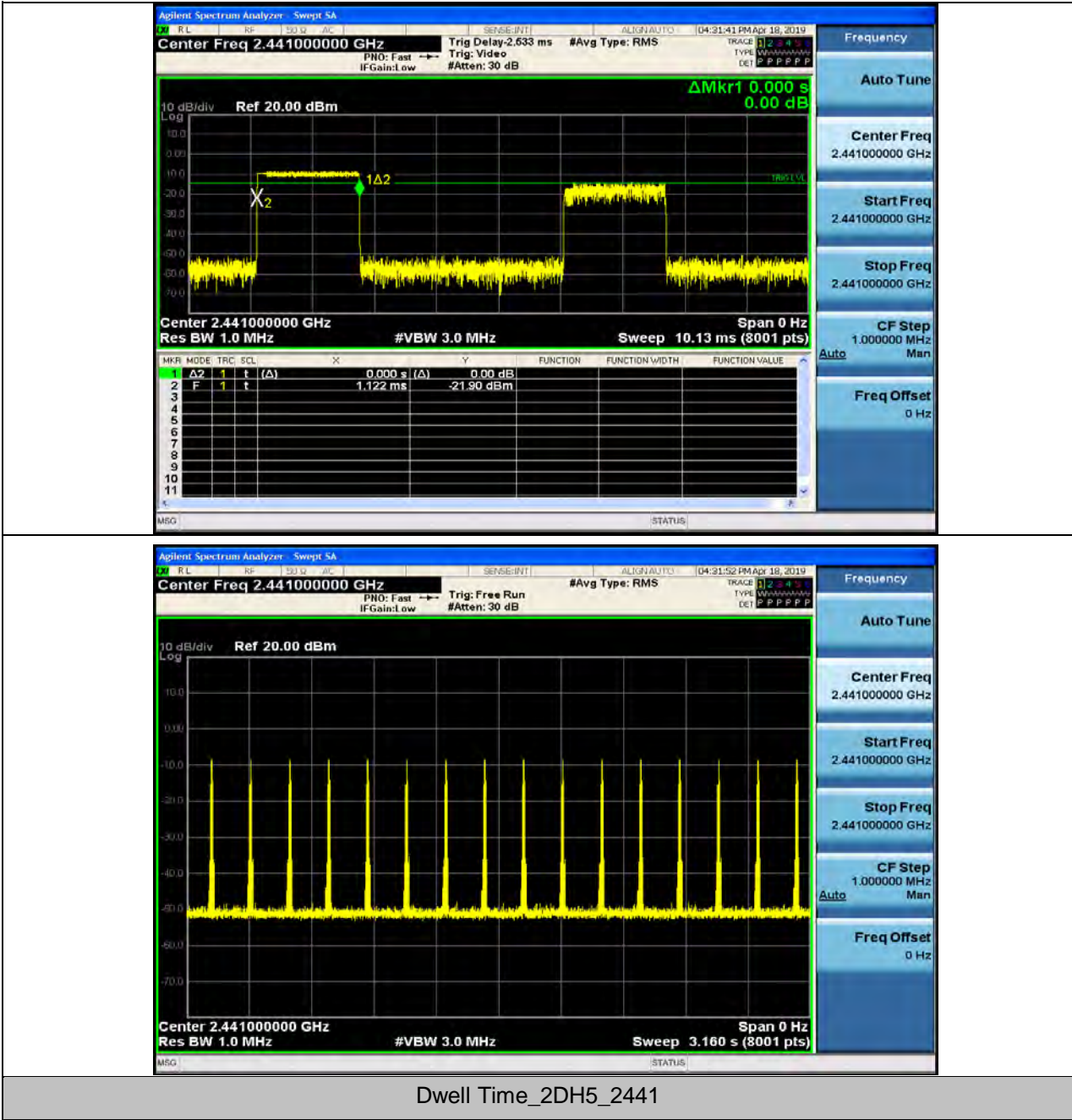
Dwell Time\_DH5\_2441





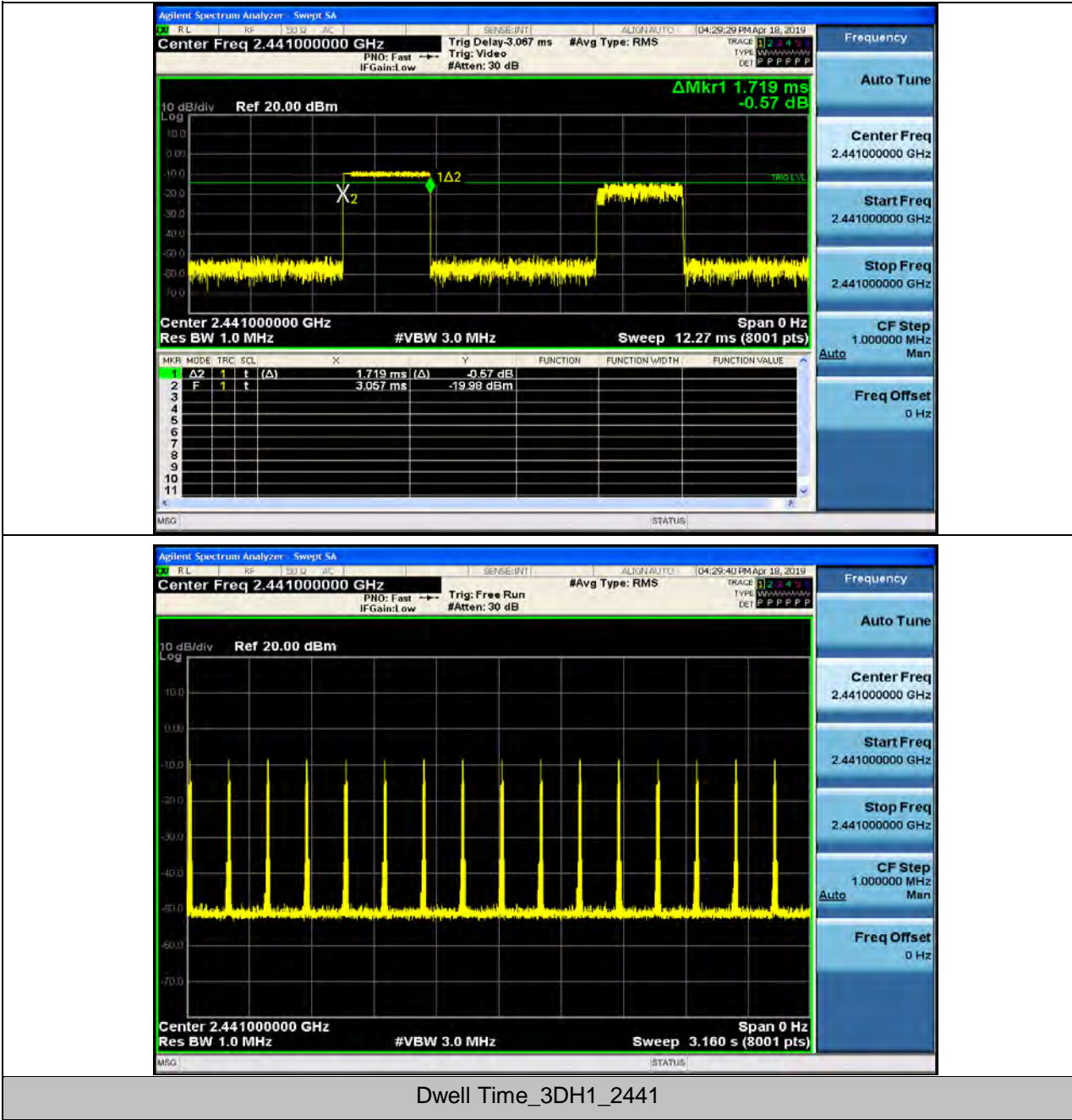


Dwell Time\_2DH3\_2441

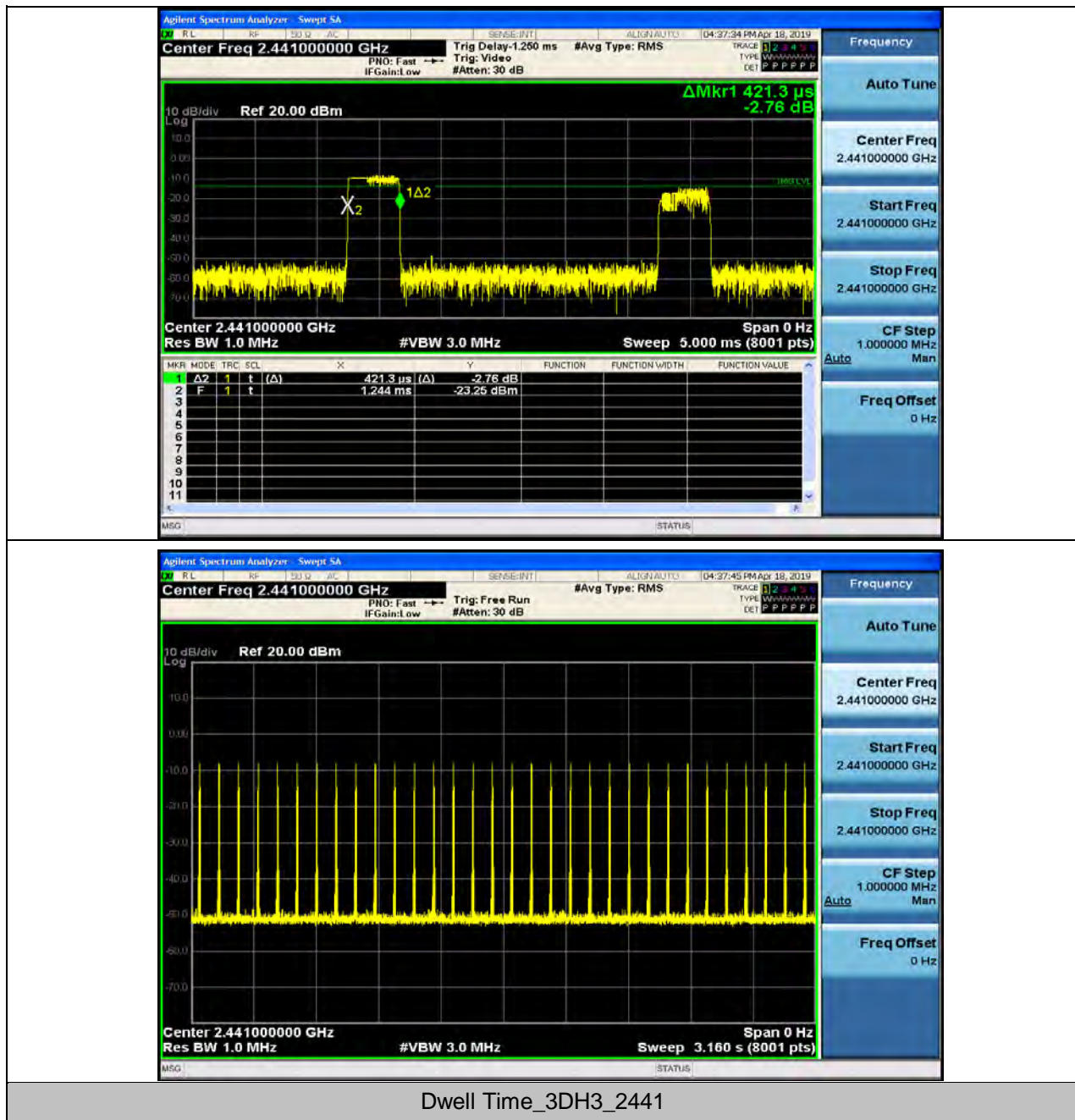


Dwell Time\_2DH5\_2441

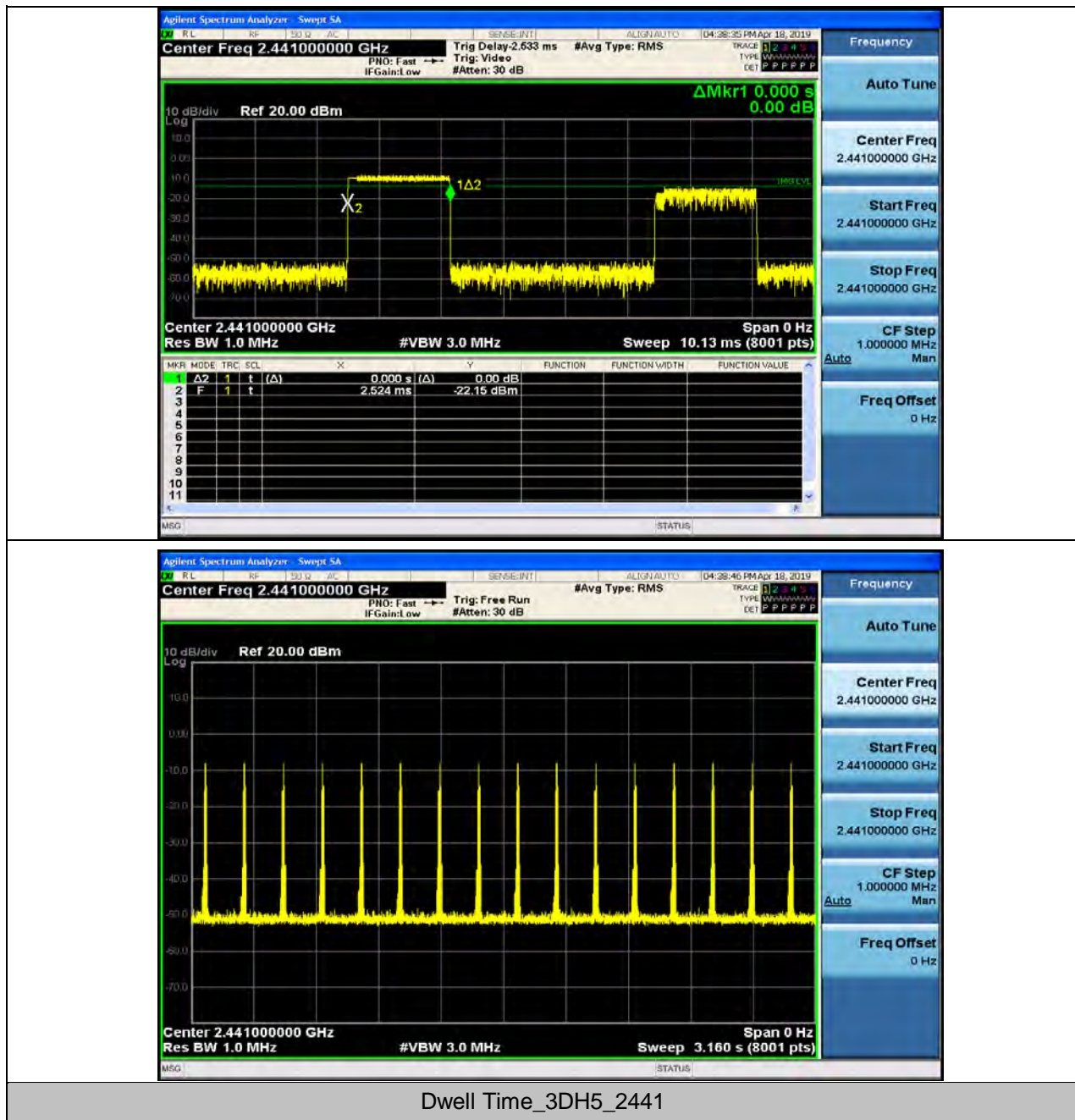




Dwell Time\_3DH1\_2441

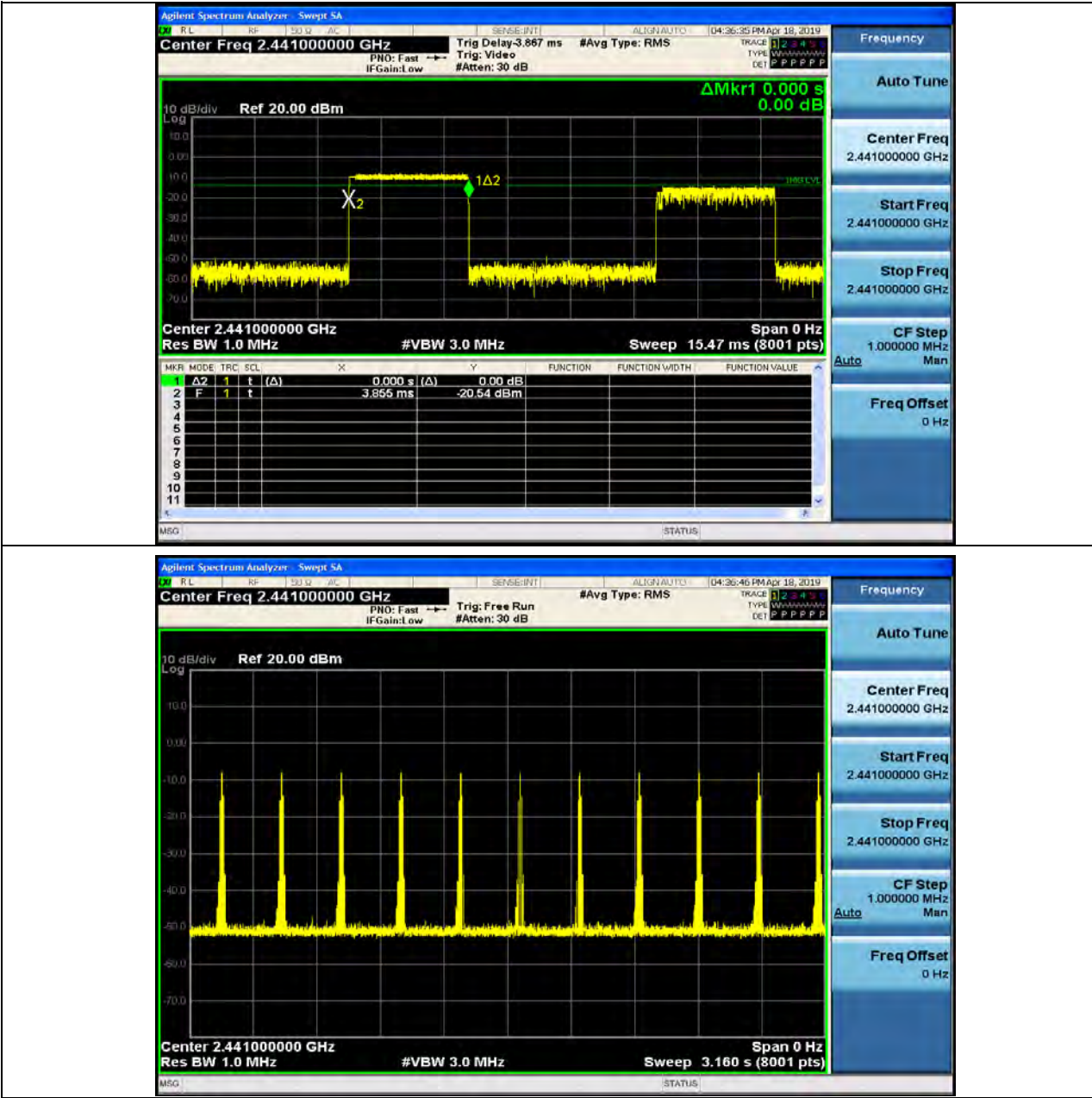


Dwell Time\_3DH3\_2441



Dwell Time\_3DH5\_2441



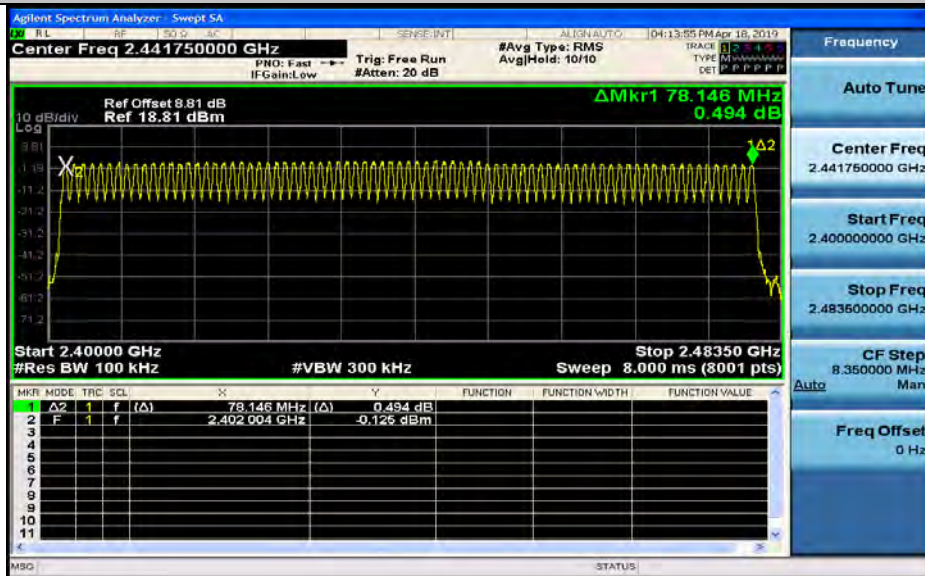




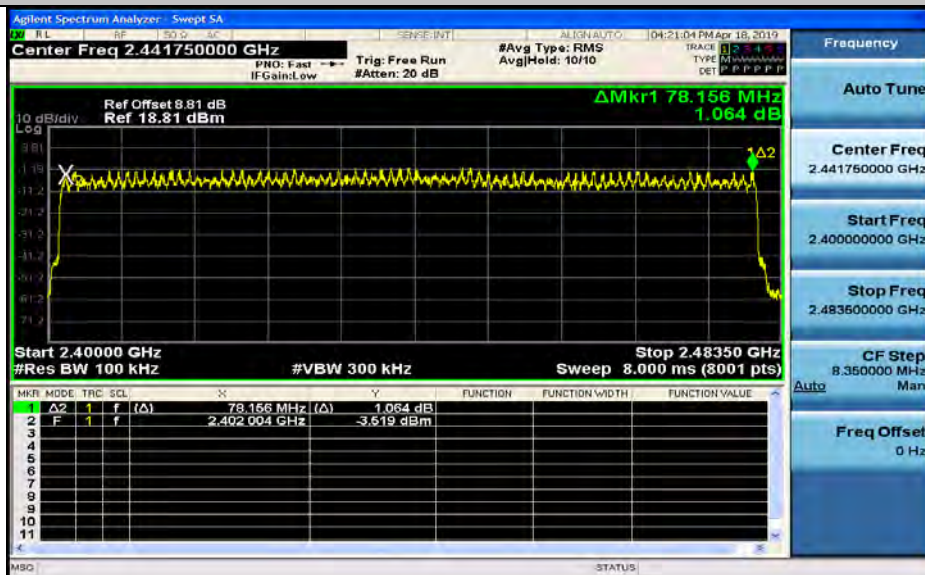
6.Hopping Channel Number

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

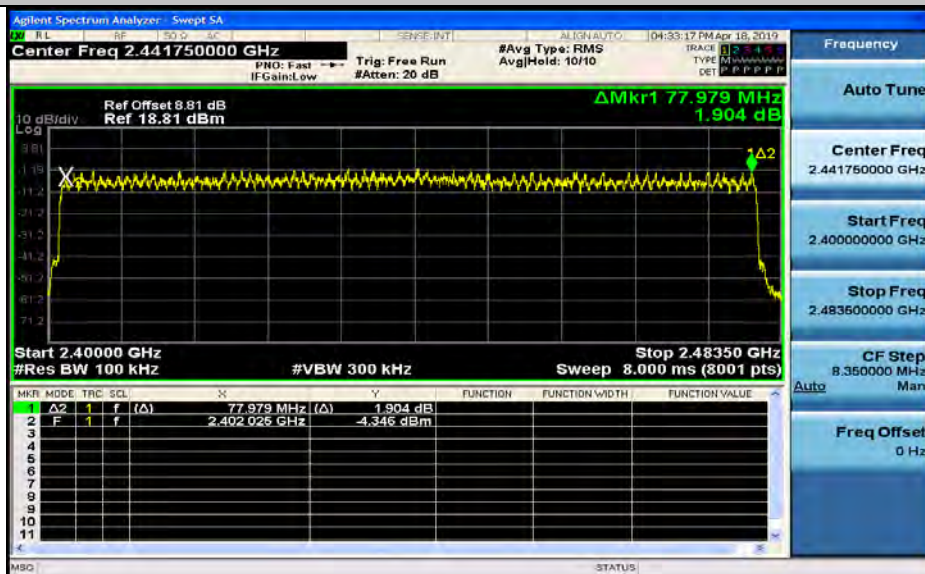
Hopping Channel Number\_DH5



Hopping Channel Number\_2DH5



Hopping Channel Number\_3DH5



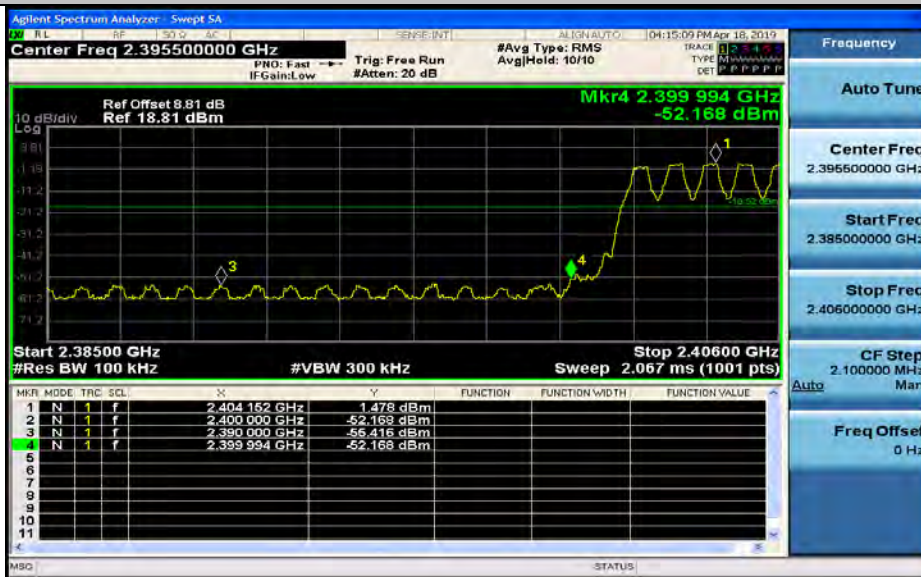




**7.Band-edge for RF Conducted Emissions**

Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
DH5	2402	On	1.48	-52.17	-18.52	PASS
DH5	2402	Off	0.24	-49.94	-19.77	PASS
DH5	2480	On	1.15	-51.74	-18.85	PASS
DH5	2480	Off	1.04	-56.34	-18.96	PASS
2DH5	2402	On	-1.82	-55.06	-21.82	PASS
2DH5	2402	Off	-3.38	-54.20	-23.38	PASS
2DH5	2480	On	-2.06	-53.80	-22.06	PASS
2DH5	2480	Off	-2.22	-58.43	-22.22	PASS
3DH5	2402	On	-1.94	-55.25	-21.94	PASS
3DH5	2402	Off	-3.30	-53.58	-23.30	PASS
3DH5	2480	On	-2.07	-54.34	-22.07	PASS
3DH5	2480	Off	-2.10	-56.82	-22.10	PASS

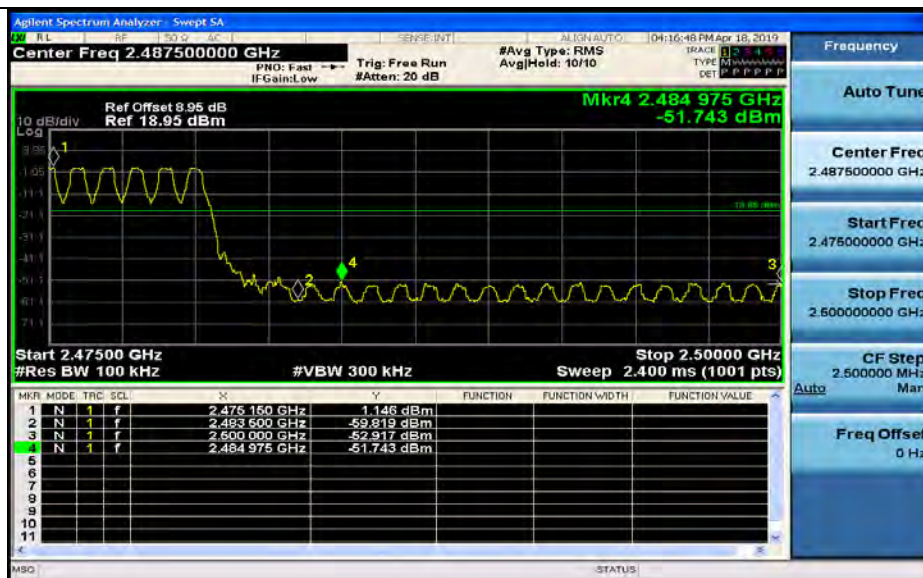
Band-edge for RF Conducted Emissions\_DH5\_2402\_Hopping On



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

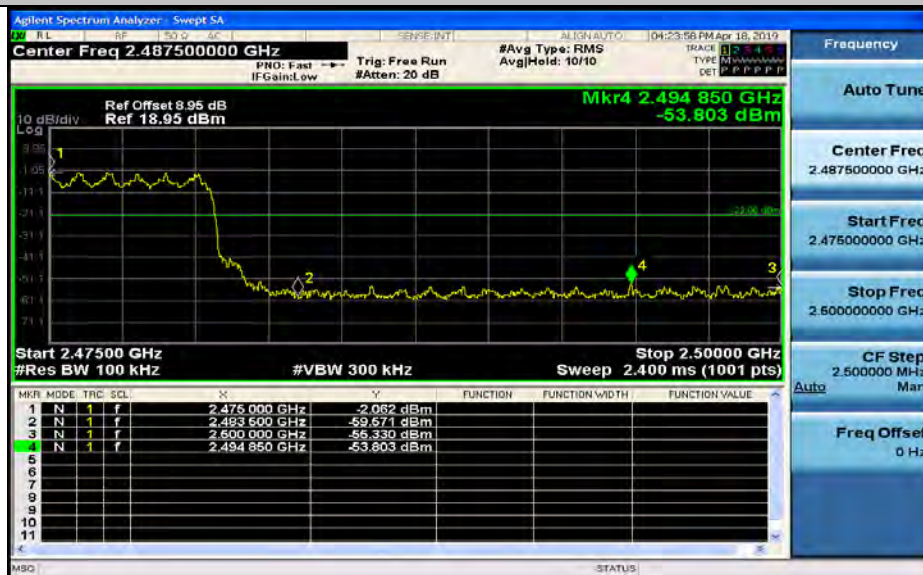


Band-edge for RF Conducted Emissions\_2DH5\_2402\_Hopping Off





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



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



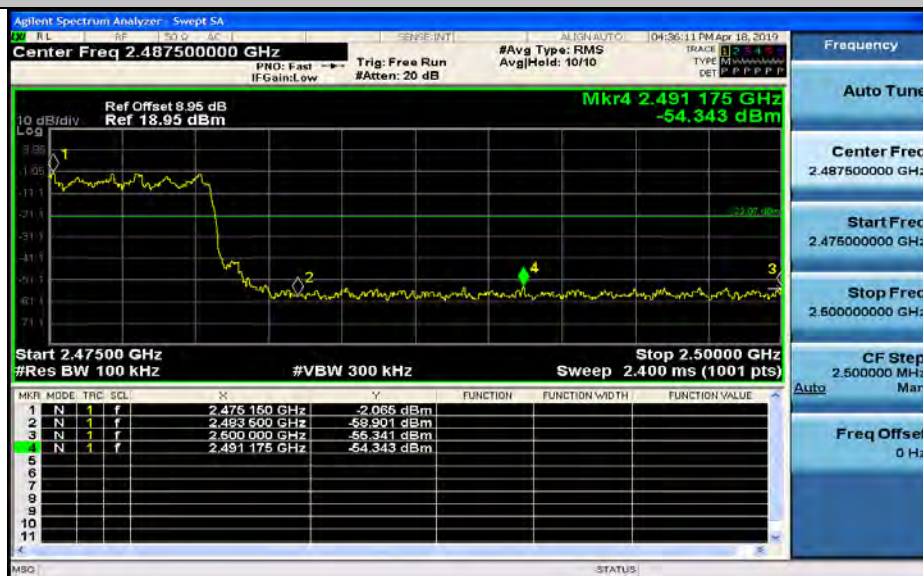
Band-edge for RF Conducted Emissions\_3DH5\_2402\_Hopping On



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



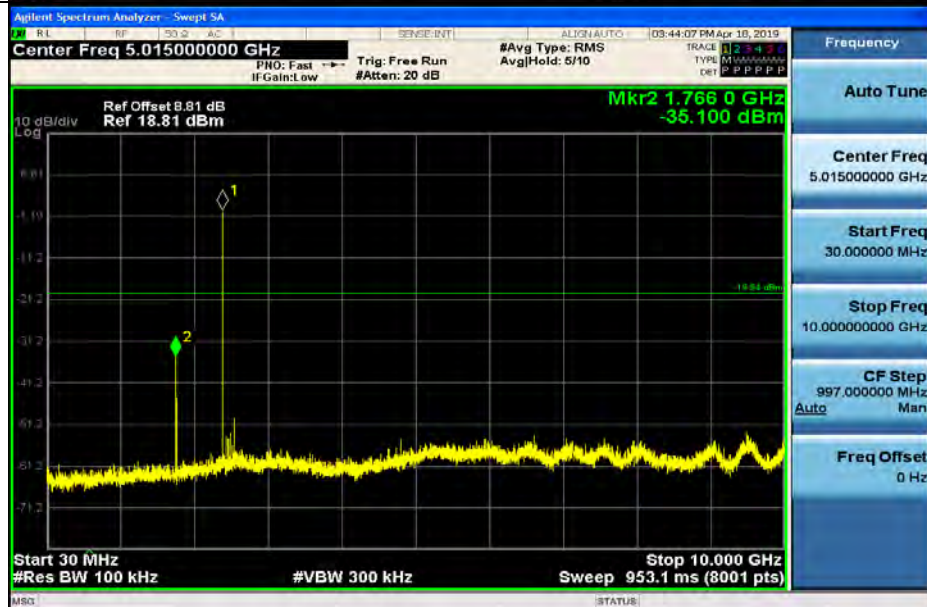




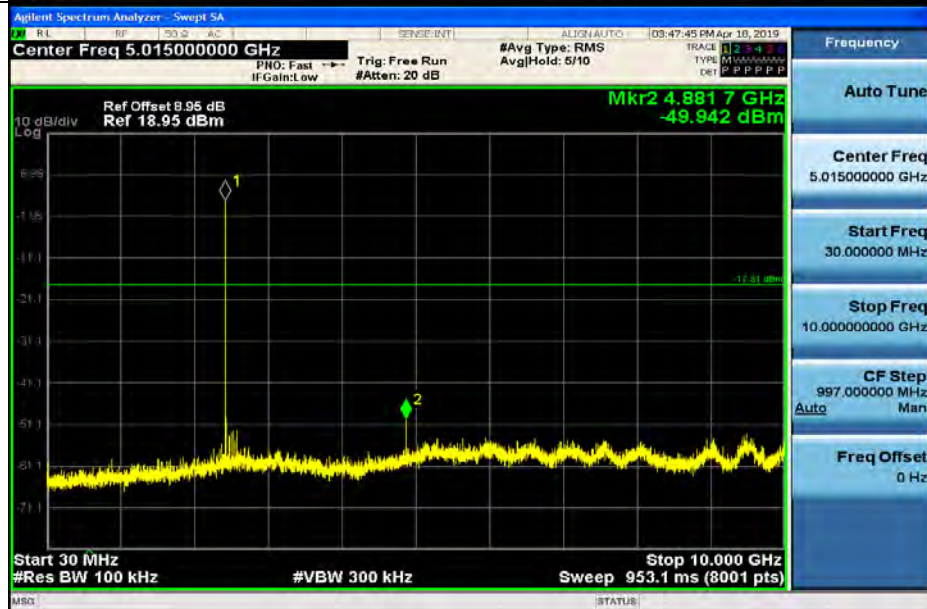
**8.RF Conducted Spurious Emissions**

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	0.16	-35.10	<-19.84	PASS
DH5	2402	10000	26000	100	300	0.159	-42.705	<-19.841	PASS
DH5	2441	30	10000	100	300	2.49	-49.94	<-17.51	PASS
DH5	2441	10000	26000	100	300	2.491	-43.118	<-17.509	PASS
DH5	2480	30	10000	100	300	0.92	-51.57	<-19.08	PASS
DH5	2480	10000	26000	100	300	0.918	-44.566	<-19.082	PASS
2DH5	2402	30	10000	100	300	-3.50	-45.95	<-23.50	PASS
2DH5	2402	10000	26000	100	300	-3.498	-44.344	<-23.498	PASS
2DH5	2441	30	10000	100	300	-0.58	-53.19	<-20.58	PASS
2DH5	2441	10000	26000	100	300	-0.583	-43.240	<-20.583	PASS
2DH5	2480	30	10000	100	300	-2.51	-53.45	<-22.51	PASS
2DH5	2480	10000	26000	100	300	-2.508	-44.167	<-22.508	PASS
3DH5	2402	30	10000	100	300	-3.37	-53.43	<-23.37	PASS
3DH5	2402	10000	26000	100	300	-3.368	-43.485	<-23.368	PASS
3DH5	2441	30	10000	100	300	-0.57	-53.67	<-20.57	PASS
3DH5	2441	10000	26000	100	300	-0.573	-44.341	<-20.573	PASS
3DH5	2480	30	10000	100	300	-2.21	-39.44	<-22.21	PASS
3DH5	2480	10000	26000	100	300	-2.209	-44.036	<-22.209	PASS

## RF Conducted Spurious Emissions\_DH5\_2402

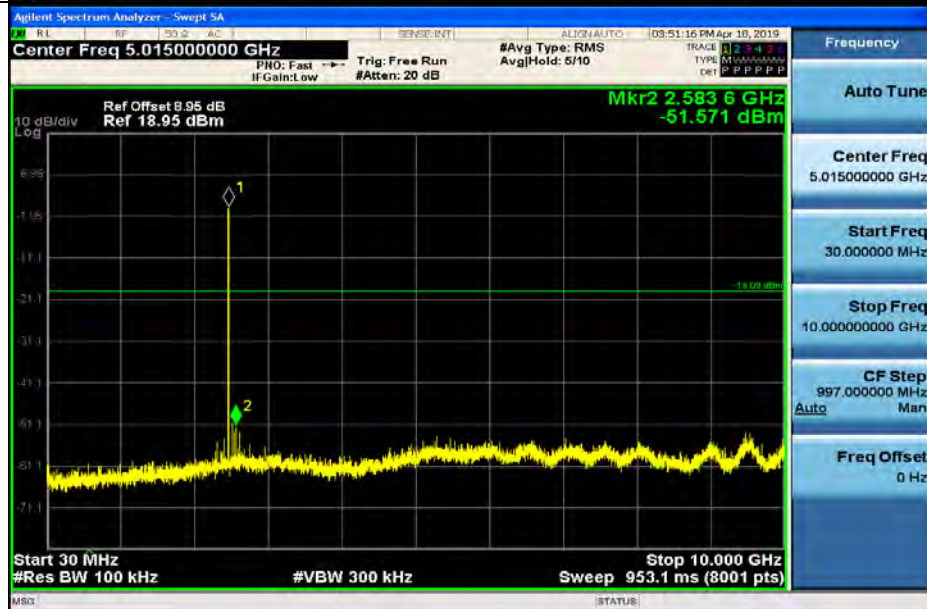


## RF Conducted Spurious Emissions\_DH5\_2441

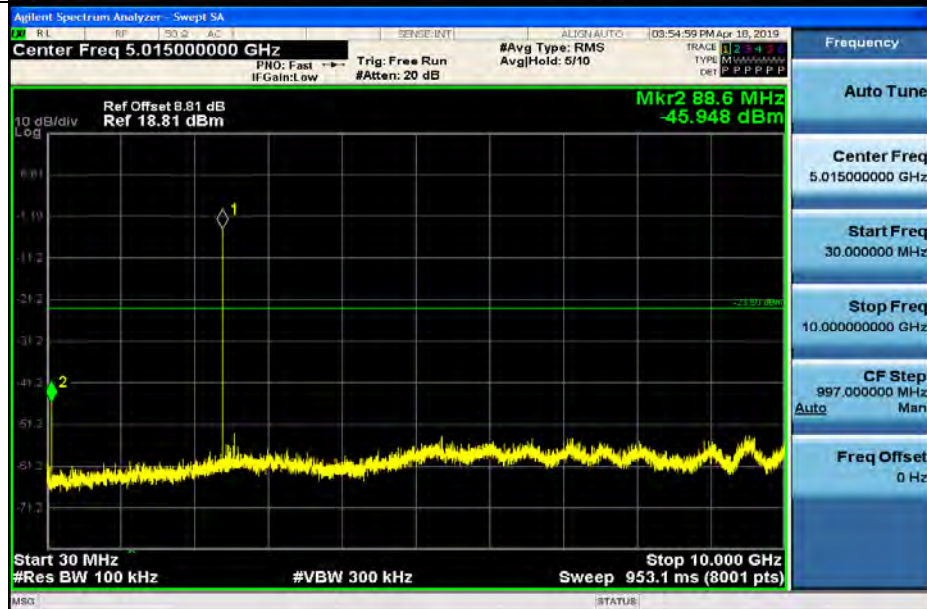




## RF Conducted Spurious Emissions\_DH5\_2480

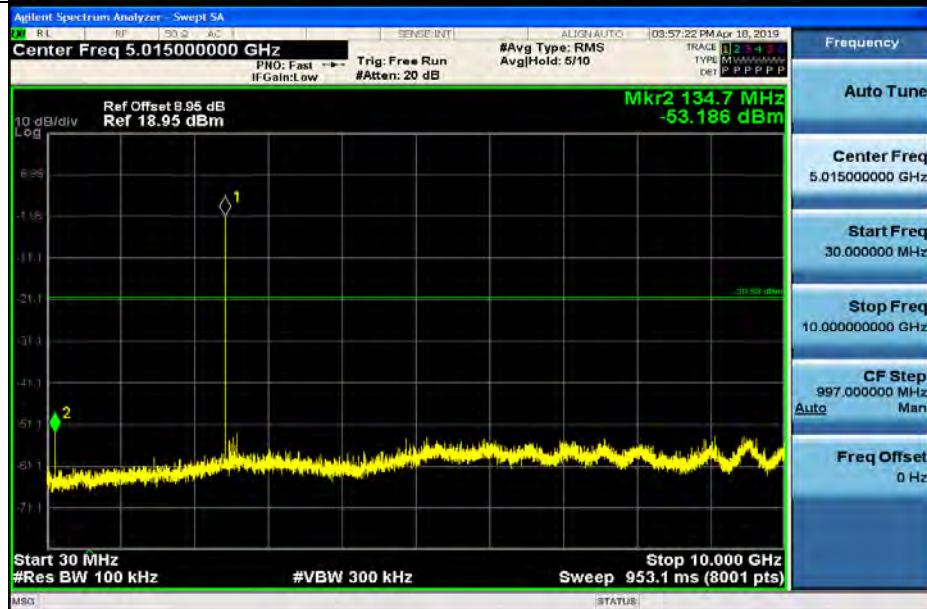


## RF Conducted Spurious Emissions\_2DH5\_2402



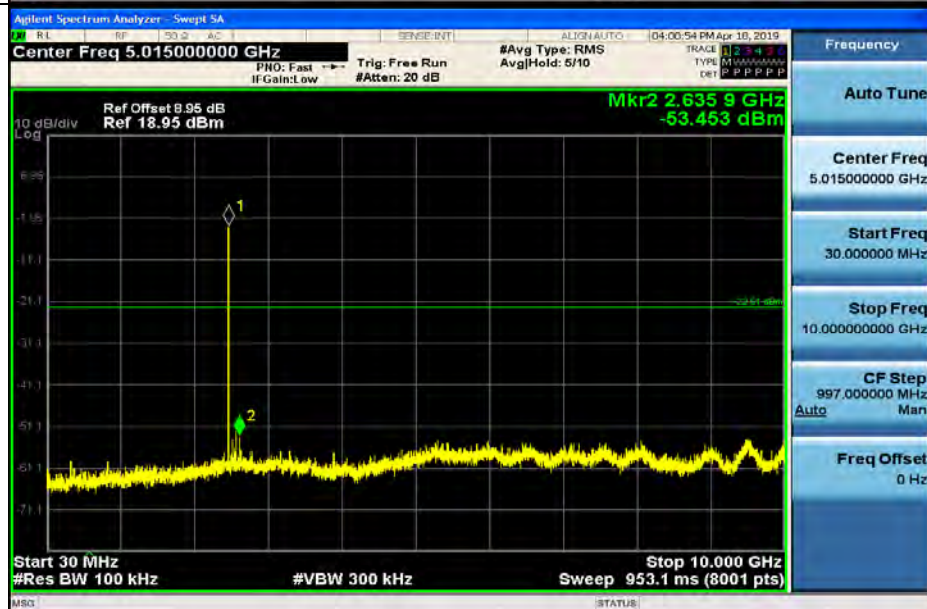


## RF Conducted Spurious Emissions\_2DH5\_2441

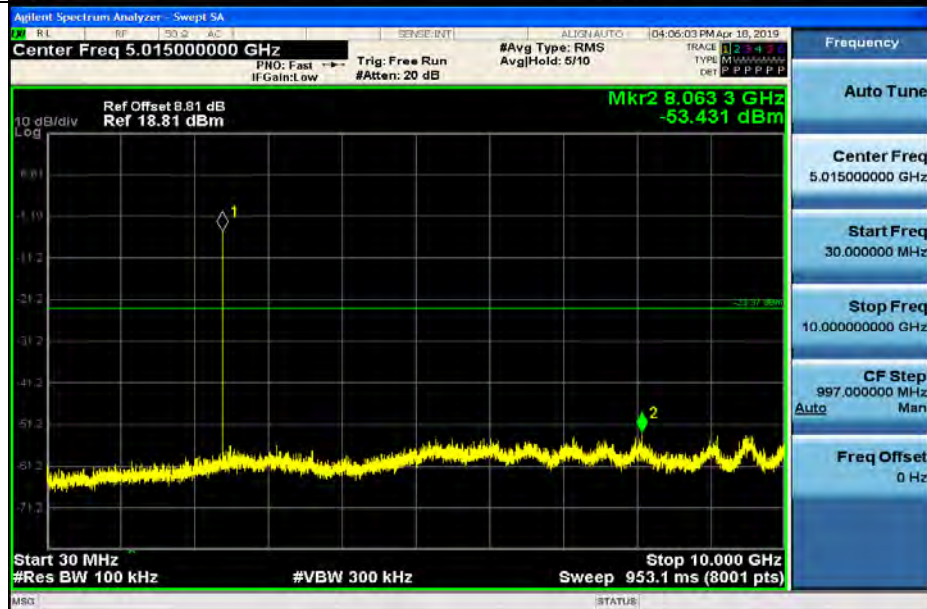




## RF Conducted Spurious Emissions\_2DH5\_2480

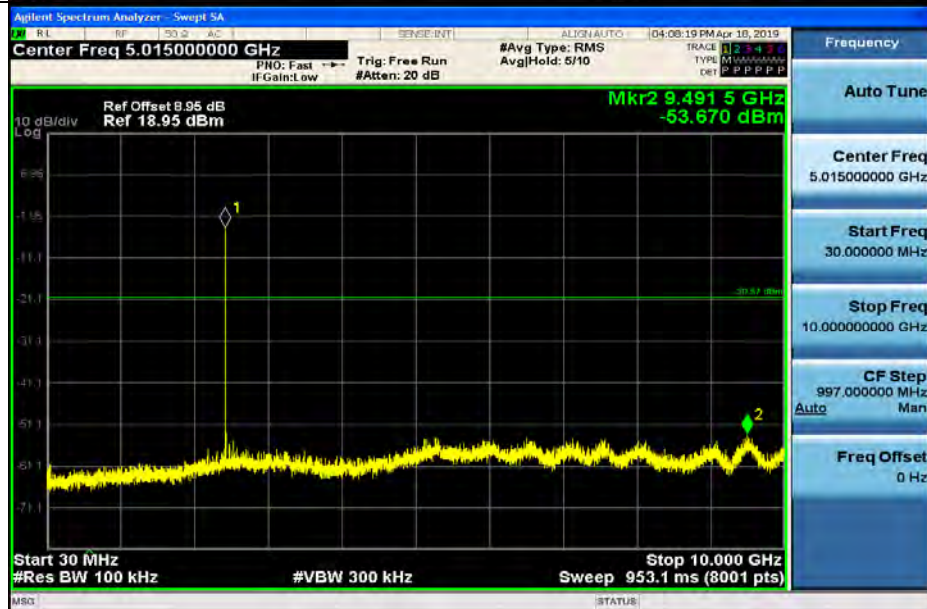


## RF Conducted Spurious Emissions\_3DH5\_2402





## RF Conducted Spurious Emissions\_3DH5\_2441





## RF Conducted Spurious Emissions\_3DH5\_2480

