



Appendix A for SHEM200700605701

1.20 dB Bandwidth

Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
DH5	2402	0.97	---	PASS
DH5	2441	0.97	---	PASS
DH5	2480	0.98	---	PASS
2DH5	2402	1.32	---	PASS
2DH5	2441	1.32	---	PASS
2DH5	2480	1.32	---	PASS
3DH5	2402	1.31	---	PASS
3DH5	2441	1.31	---	PASS
3DH5	2480	1.31	---	PASS

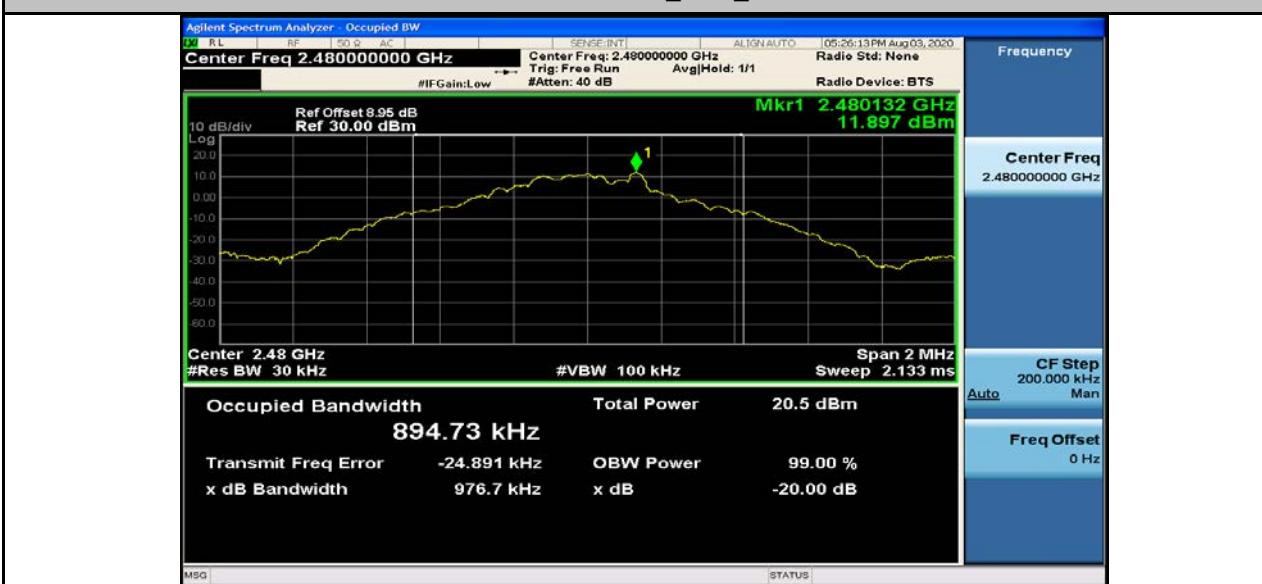
20 dB Bandwidth_DH5_2402



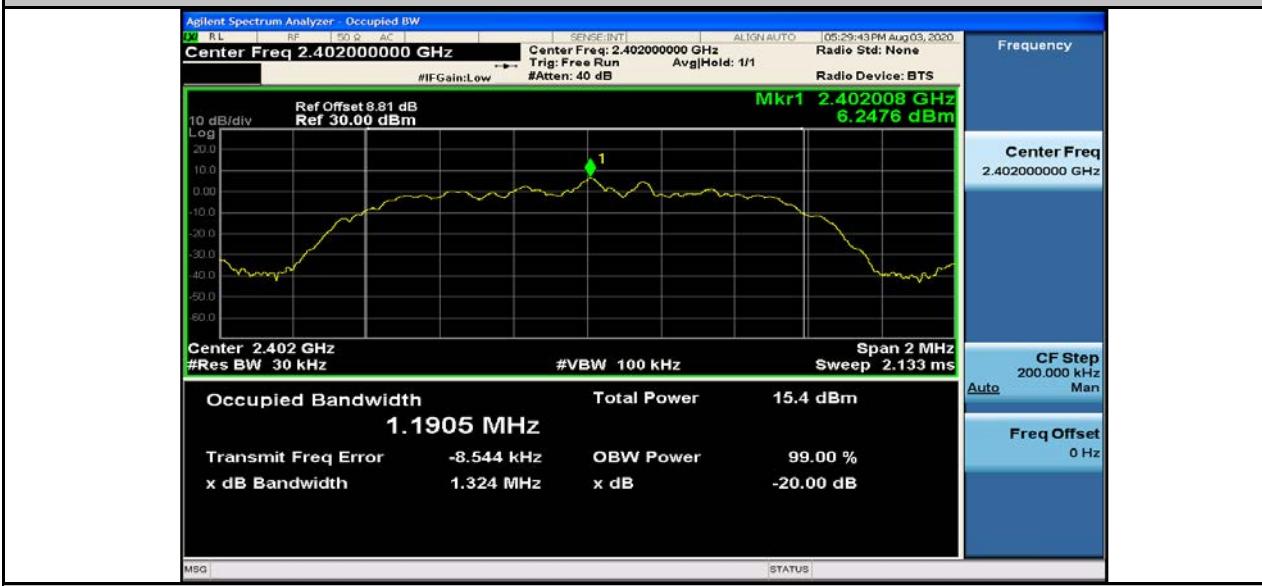
20 dB Bandwidth_DH5_2441



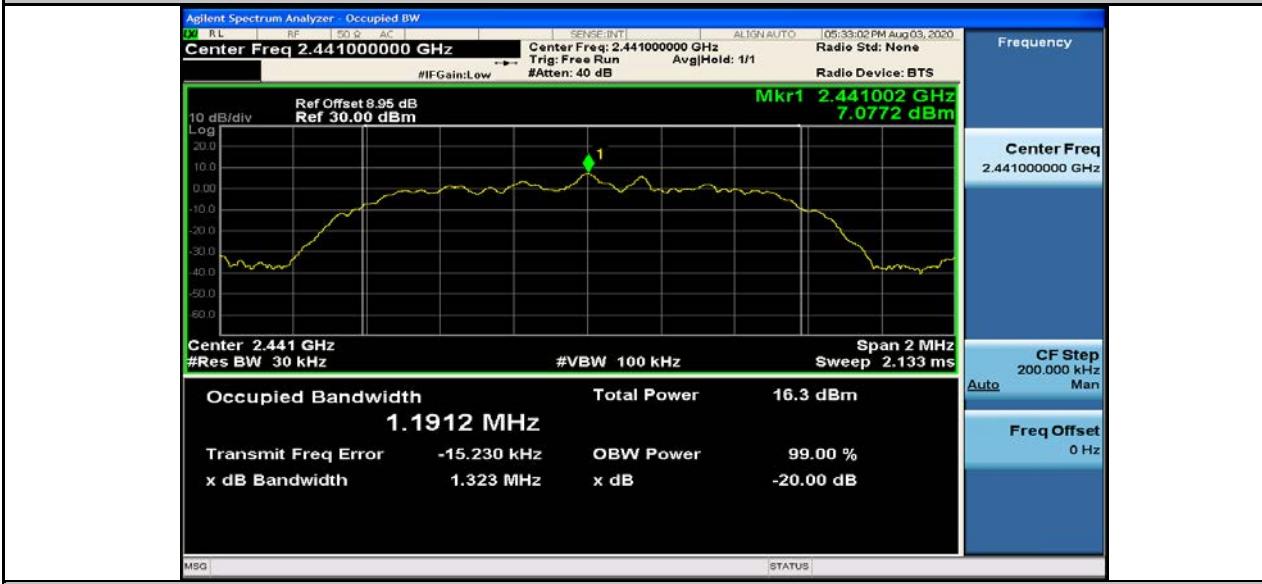
20 dB Bandwidth_DH5_2480



20 dB Bandwidth_2DH5_2402



20 dB Bandwidth_2DH5_2441



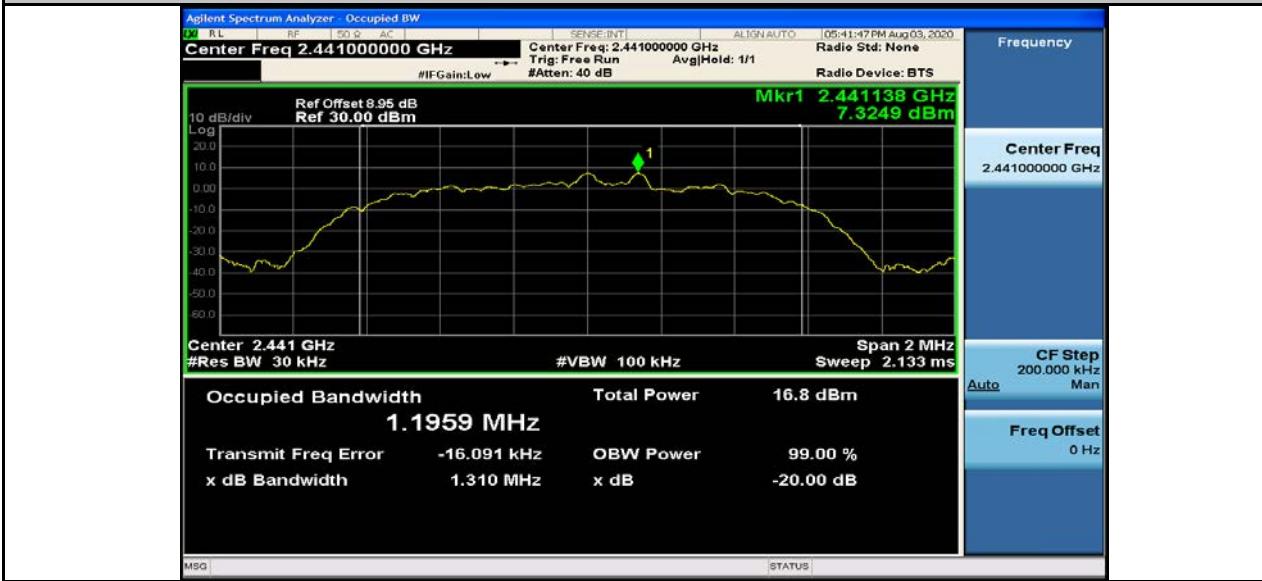
20 dB Bandwidth_2DH5_2480



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	0.88	---	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	1.19	---	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	12.16	21	PASS
DH5	2441	15.96	21	PASS
DH5	2480	13.32	21	PASS
2DH5	2402	9.95	21	PASS
2DH5	2441	10.93	21	PASS
2DH5	2480	8.01	21	PASS
3DH5	2402	10.42	21	PASS
3DH5	2441	11.51	21	PASS
3DH5	2480	8.5	21	PASS

Conducted Peak Output Power_DH5_2402



Conducted Peak Output Power_DH5_2441



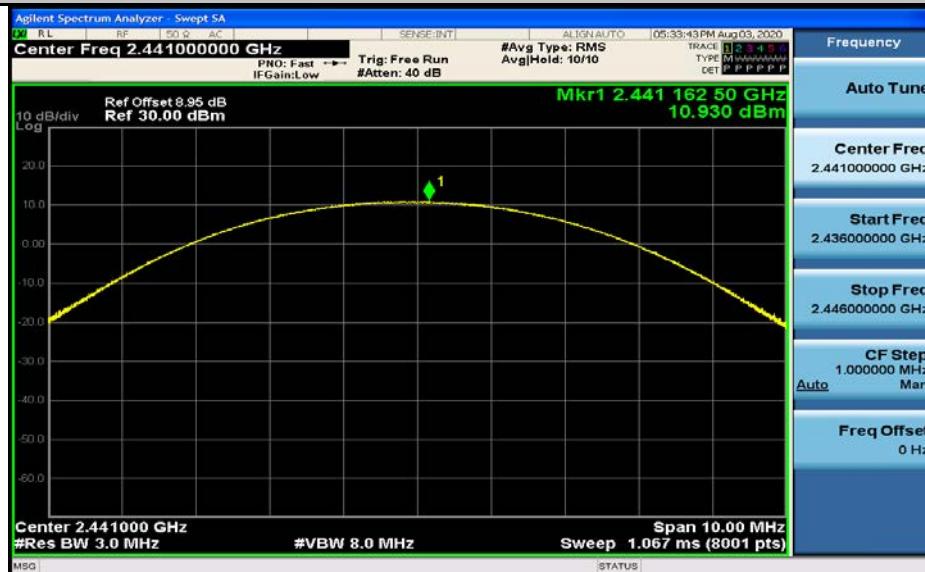
Conducted Peak Output Power_DH5_2480



Conducted Peak Output Power_2DH5_2402



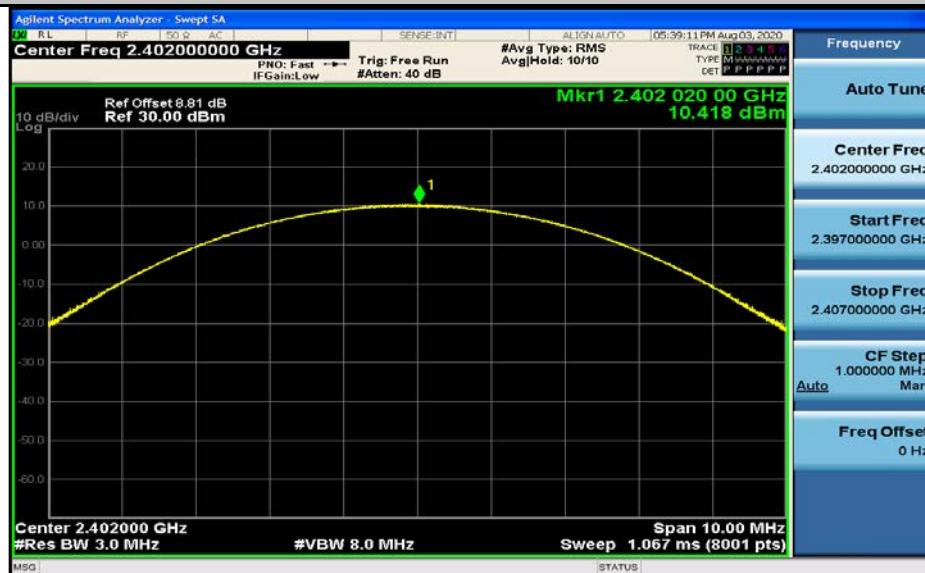
Conducted Peak Output Power_2DH5_2441



Conducted Peak Output Power_2DH5_2480



Conducted Peak Output Power_3DH5_2402



Conducted Peak Output Power_3DH5_2441



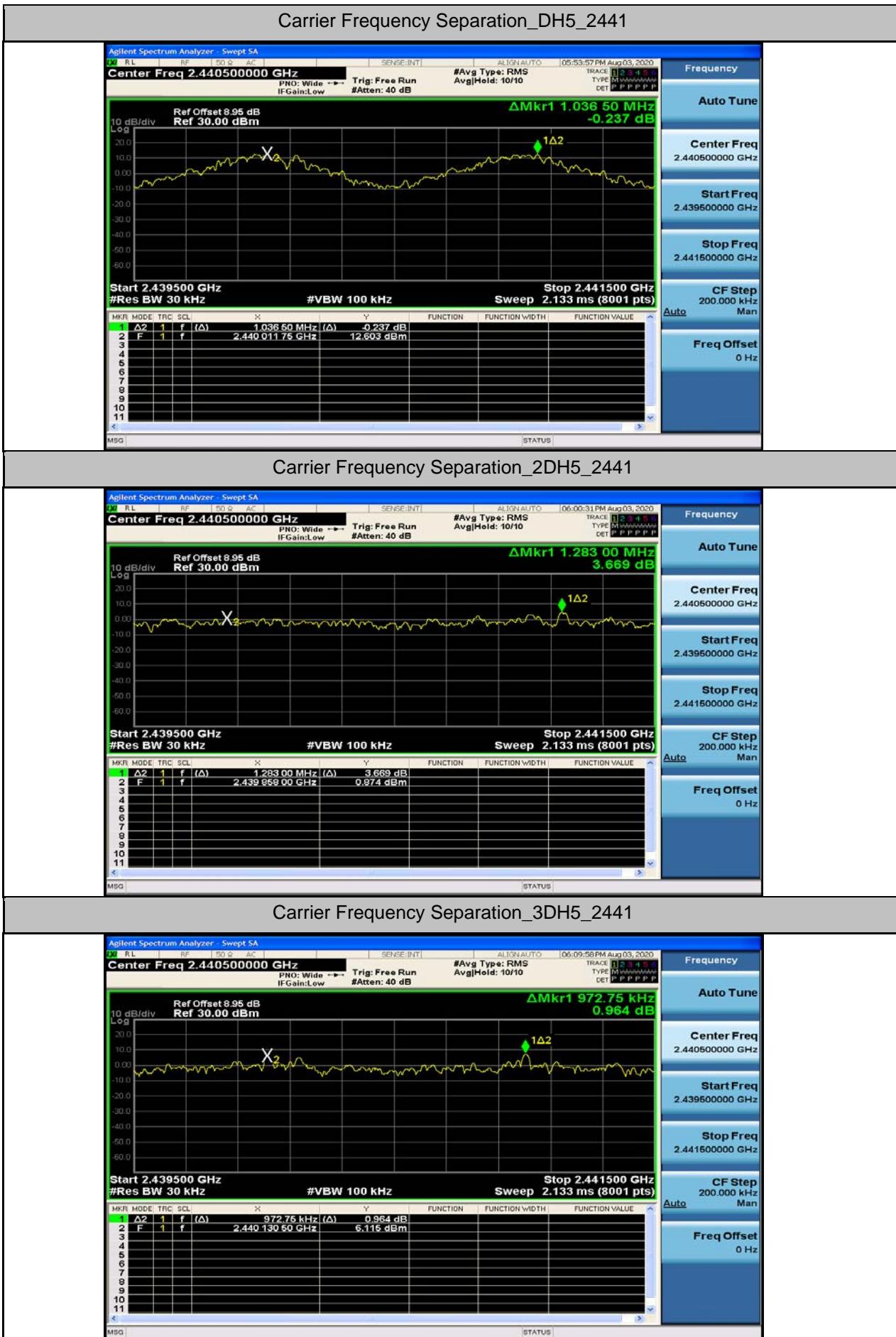
Conducted Peak Output Power_3DH5_2480





4.Carrier Frequency Separation

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	2441	1.04	0.649	PASS
2DH5	2441	1.28	0.882	PASS
3DH5	2441	0.97	0.873	PASS

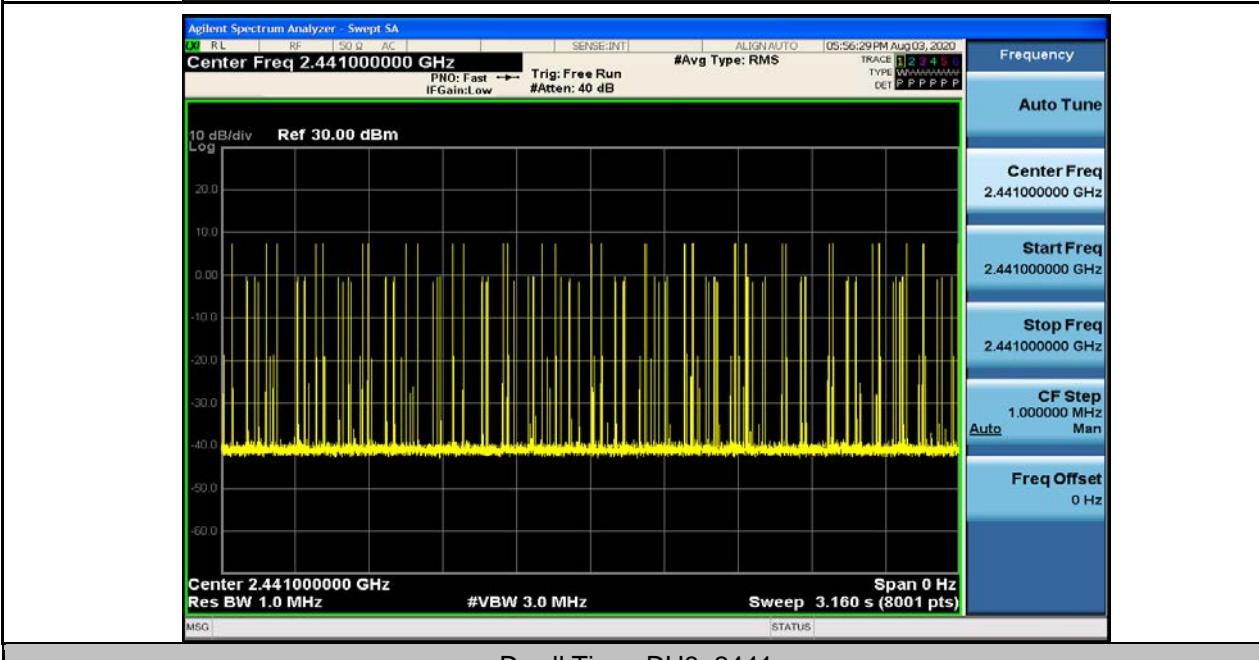
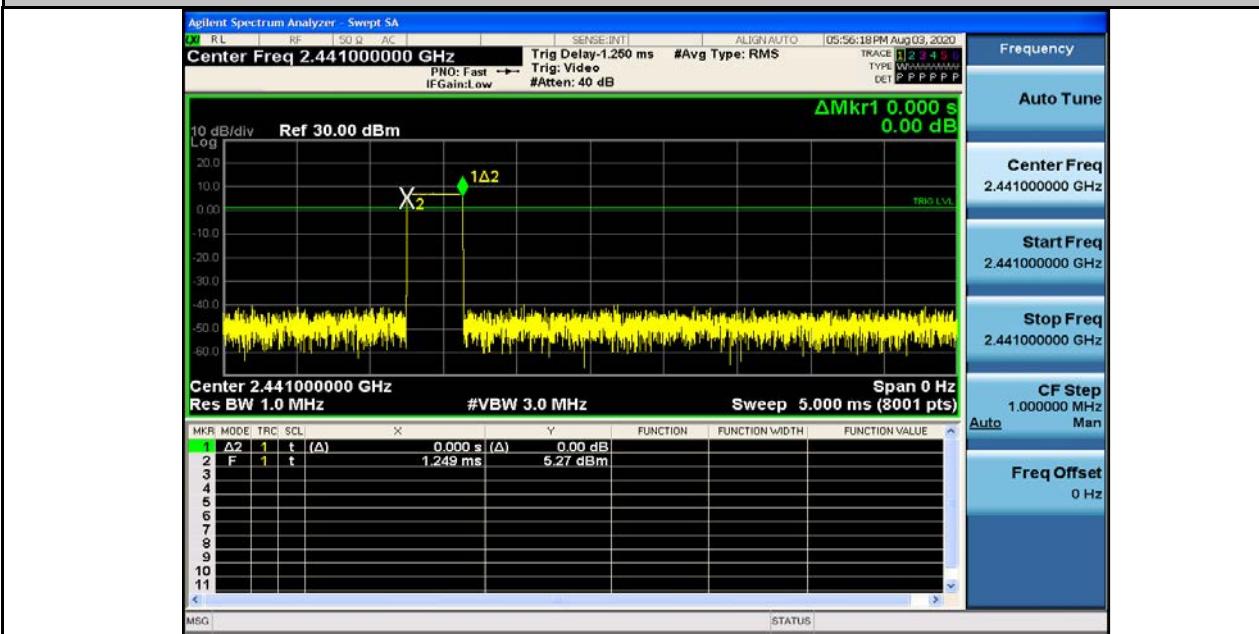




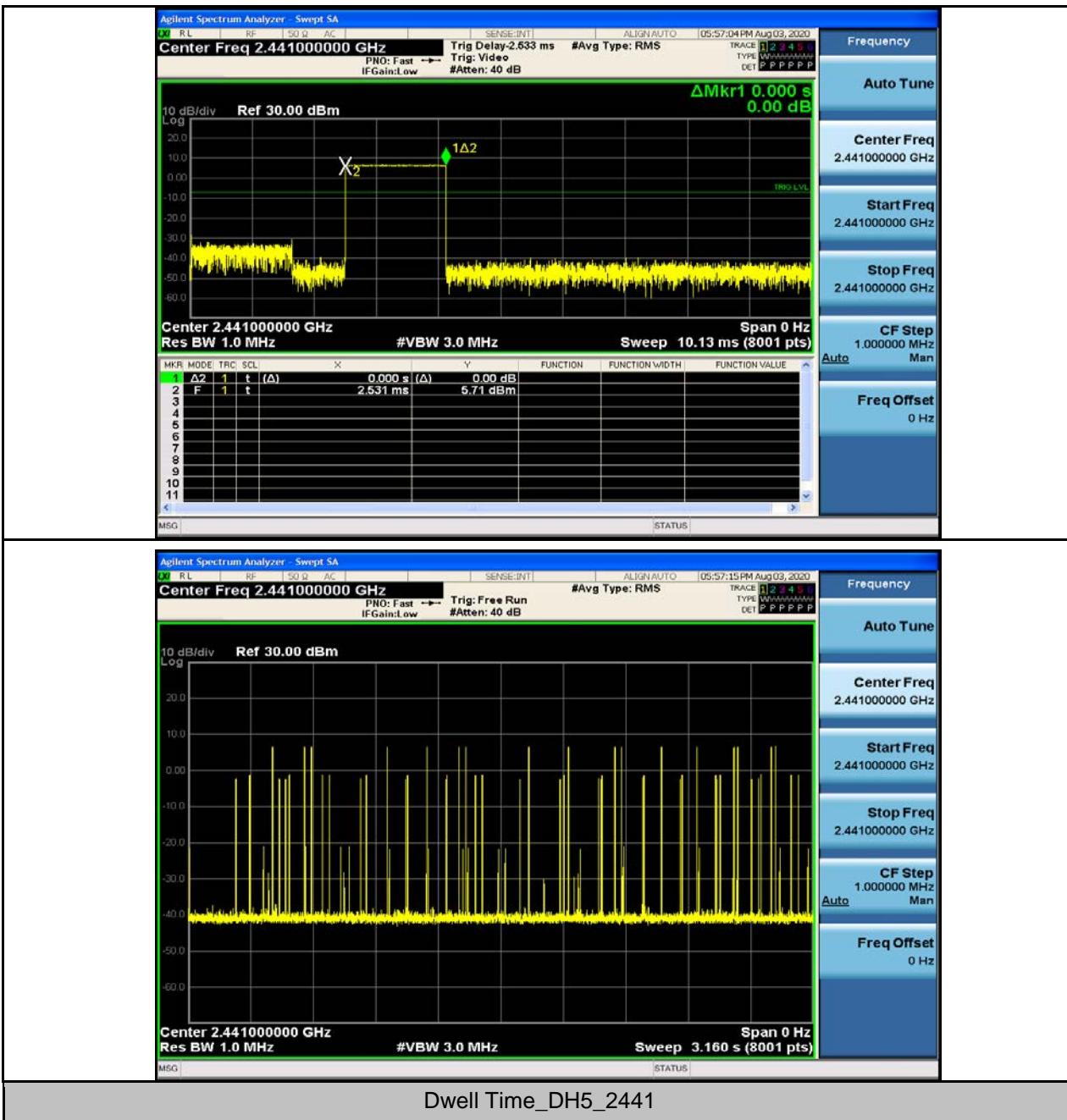
5.Dwell Time

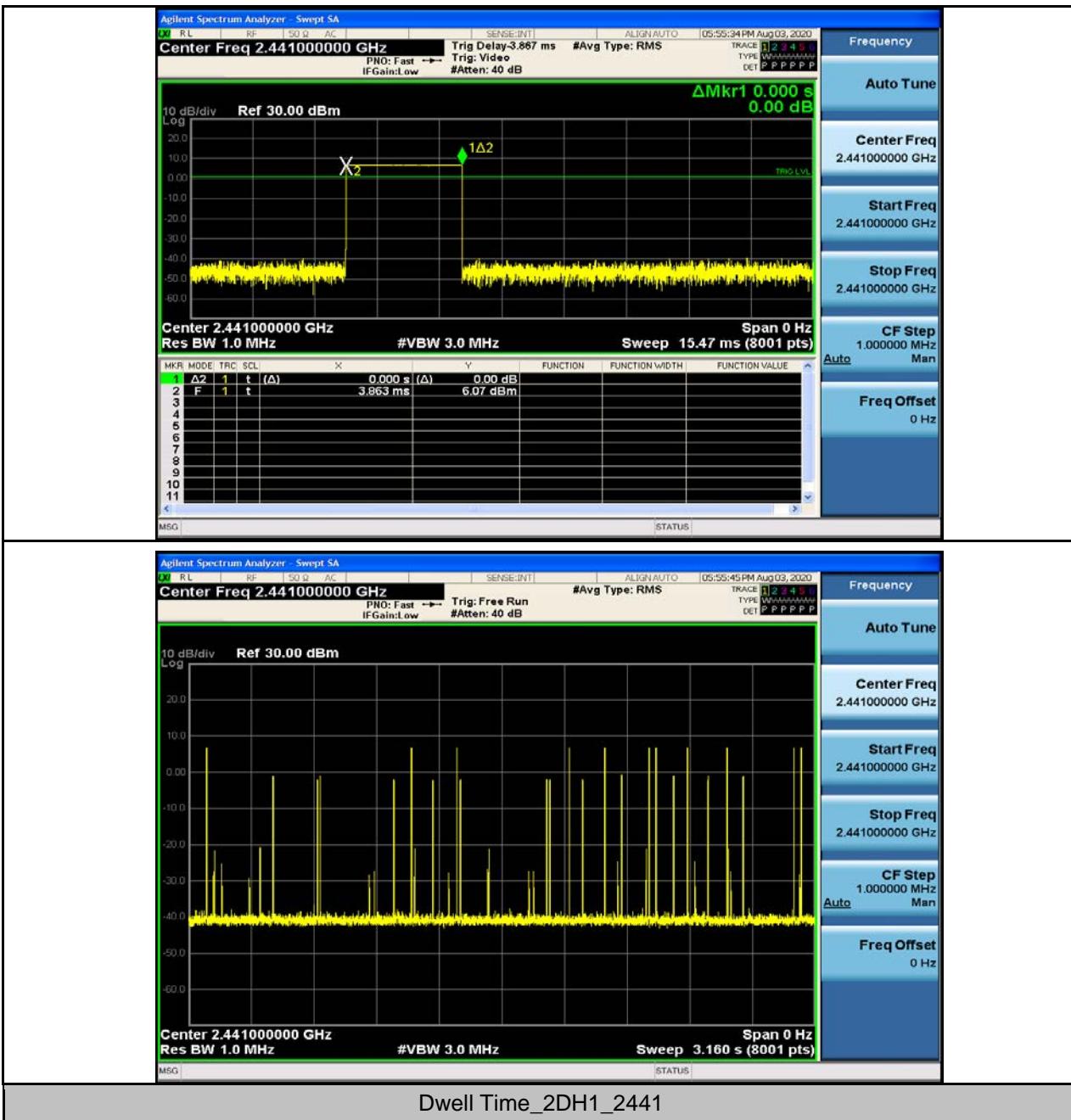
Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
DH1	2441	0.38	300	0.11	0.4	PASS
DH3	2441	1.64	170	0.28	0.4	PASS
DH5	2441	2.88	110	0.32	0.4	PASS
2DH1	2441	0.39	330	0.13	0.4	PASS
2DH3	2441	1.64	140	0.23	0.4	PASS
2DH5	2441	2.89	130	0.38	0.4	PASS
3DH1	2441	0.39	320	0.12	0.4	PASS
3DH3	2441	1.64	170	0.28	0.4	PASS
3DH5	2441	2.89	110	0.32	0.4	PASS

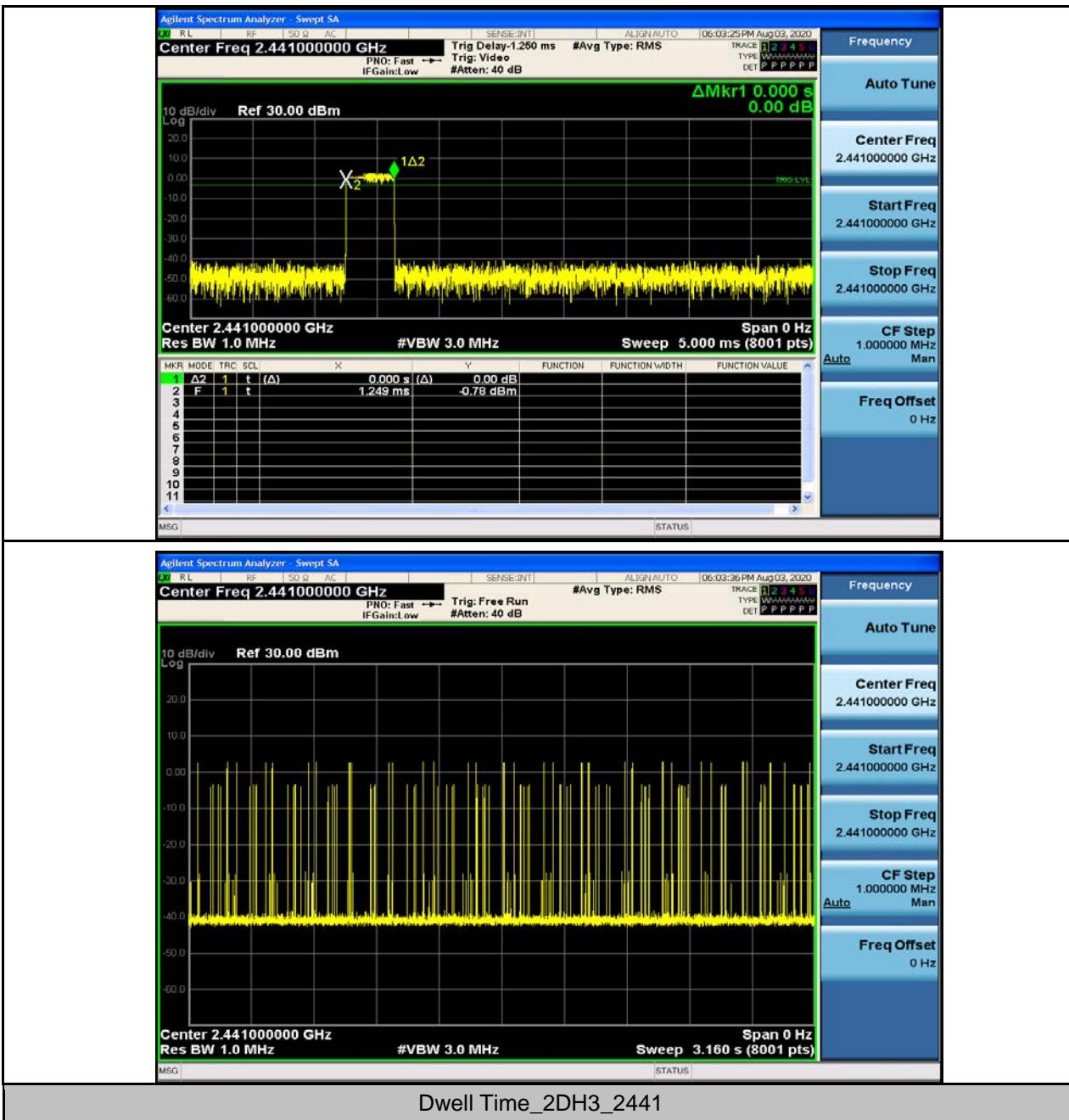
Dwell Time_DH1_2441

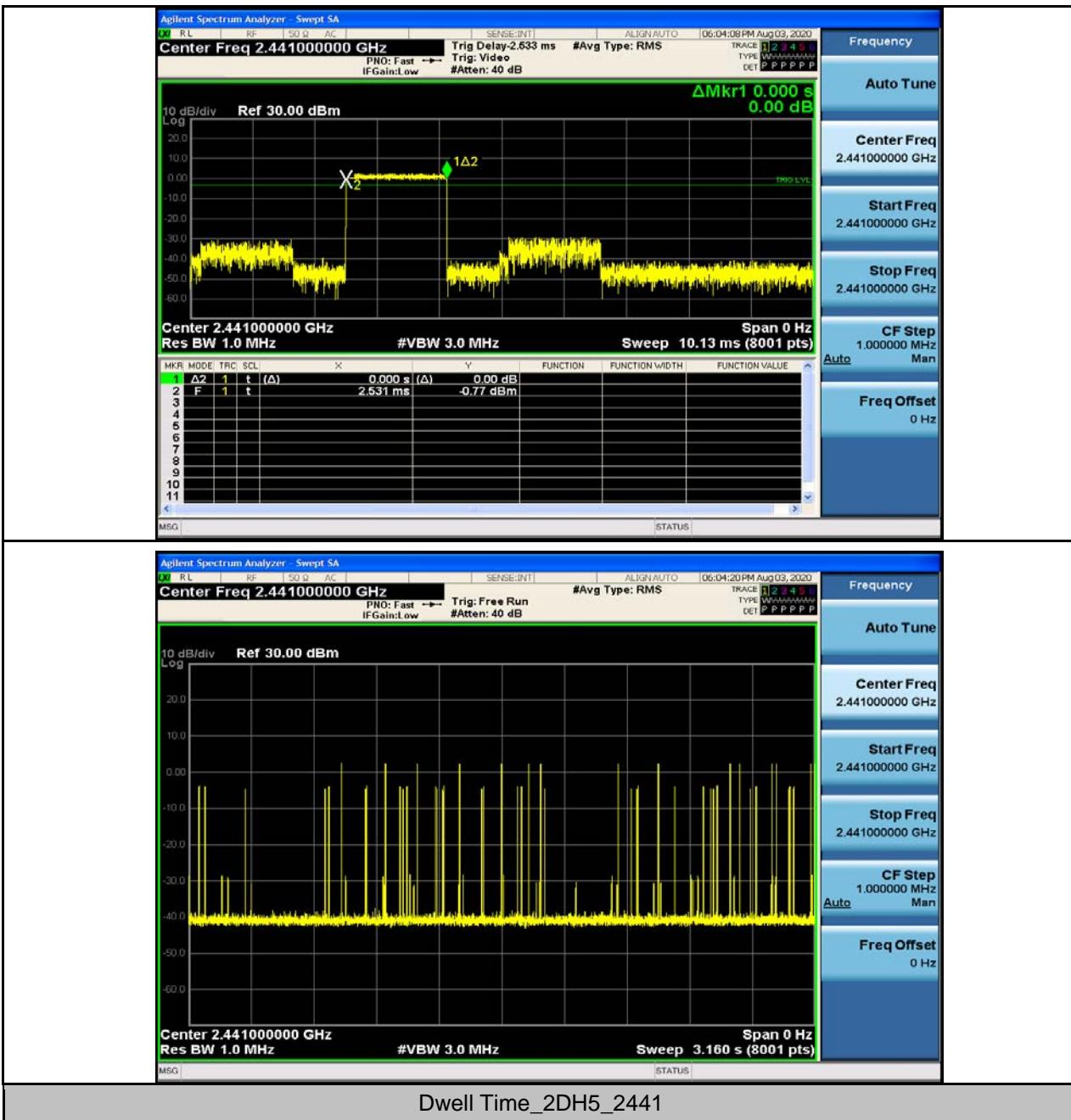


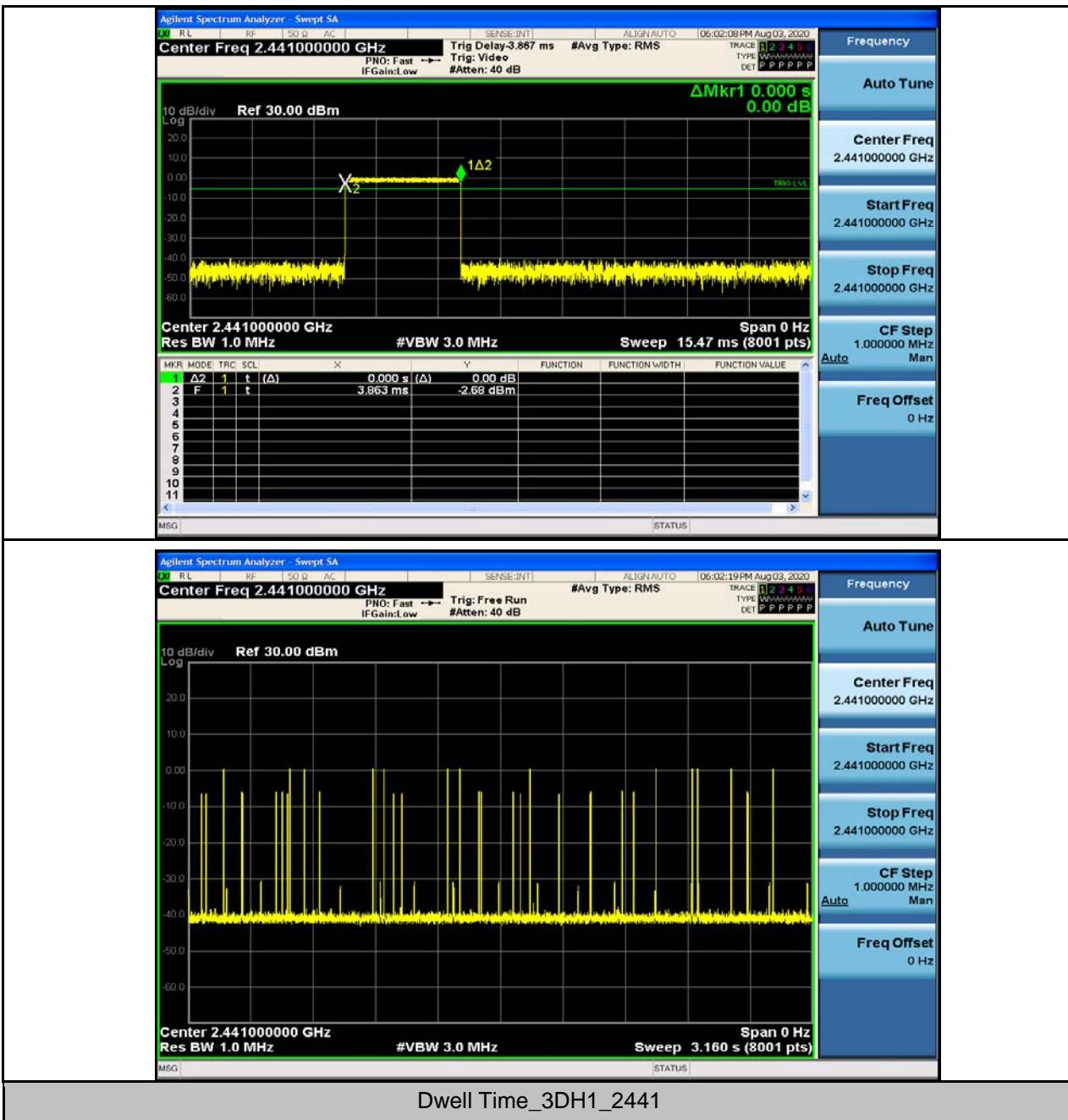
Dwell Time_DH3_2441

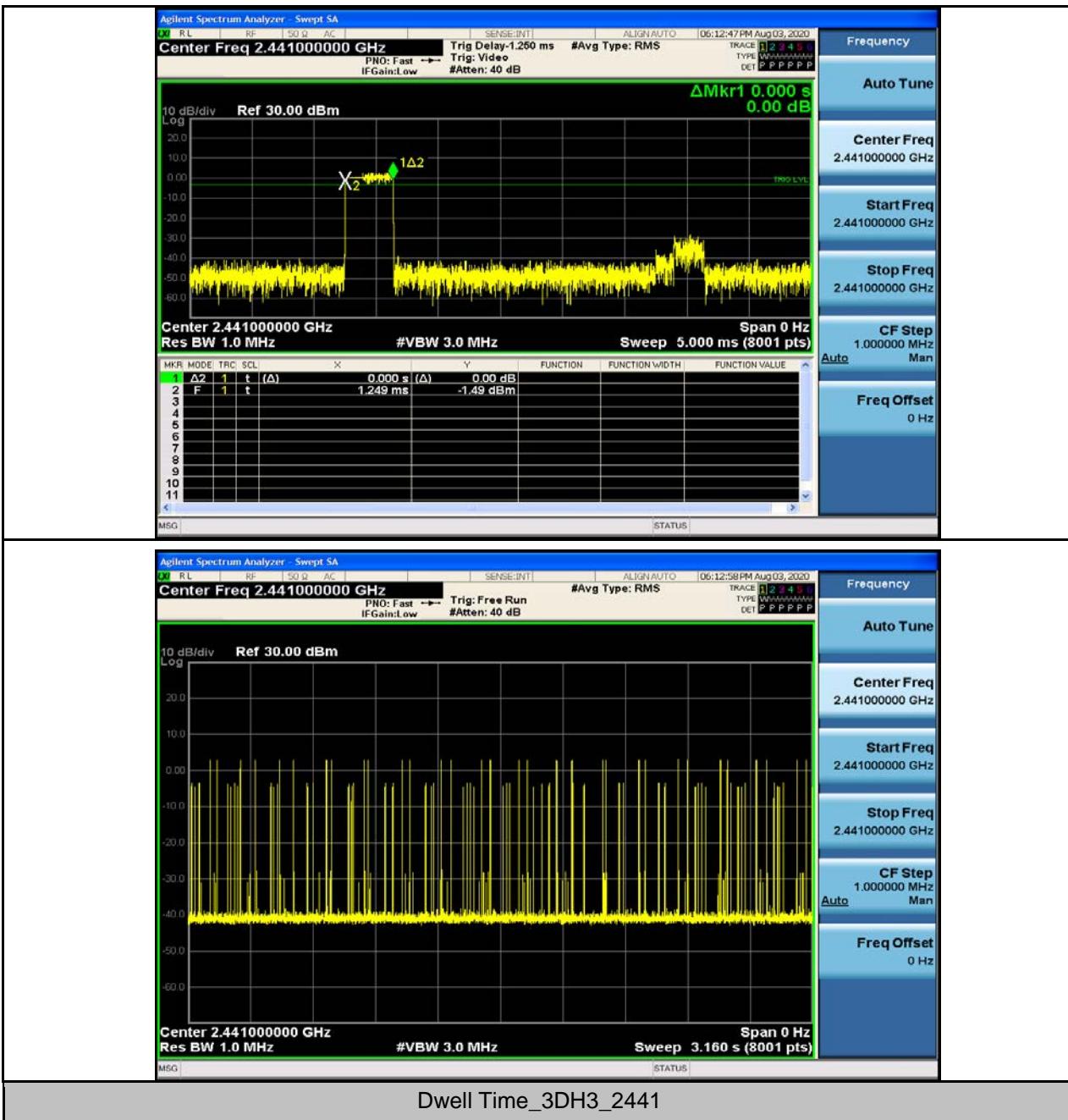


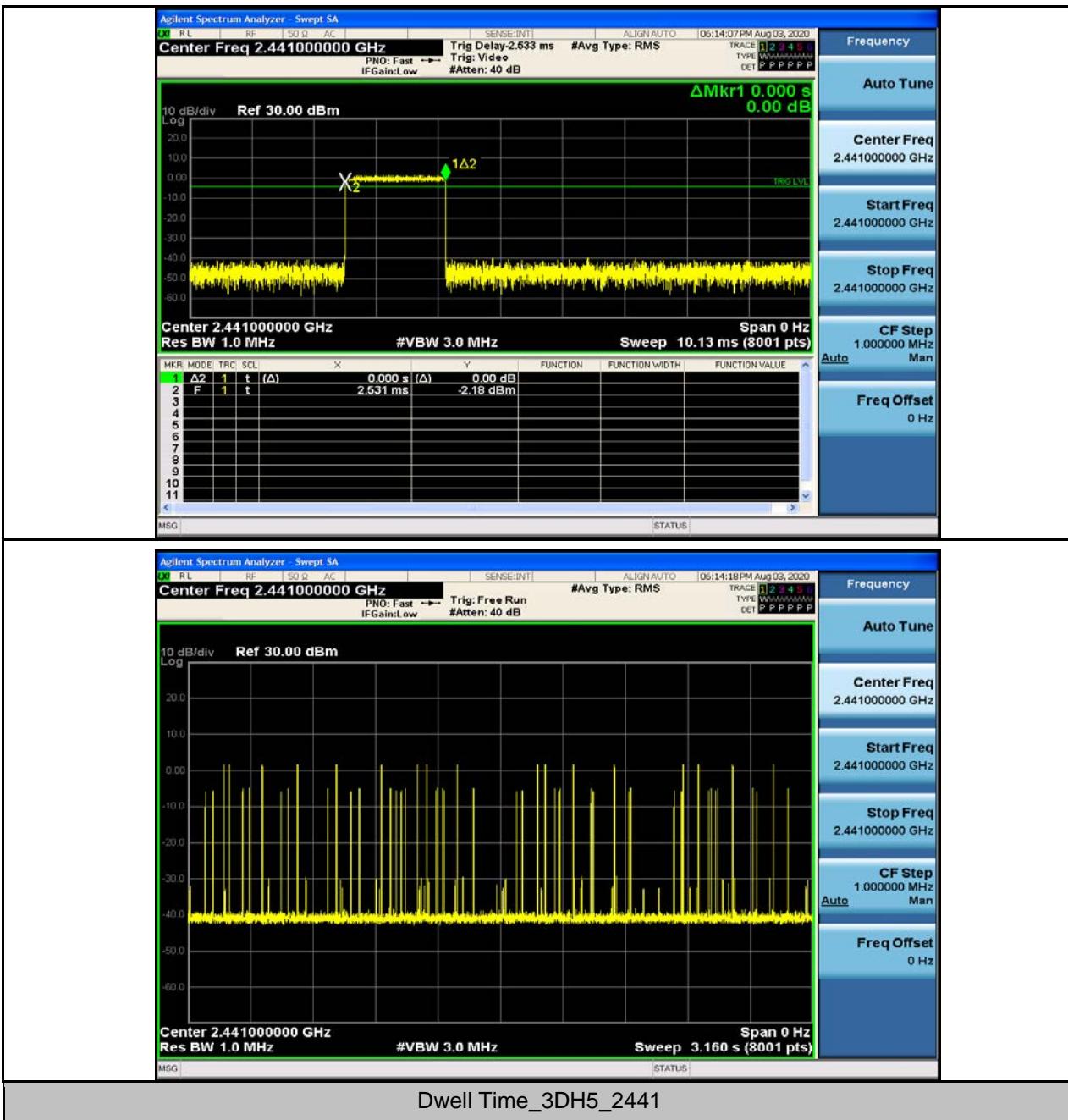


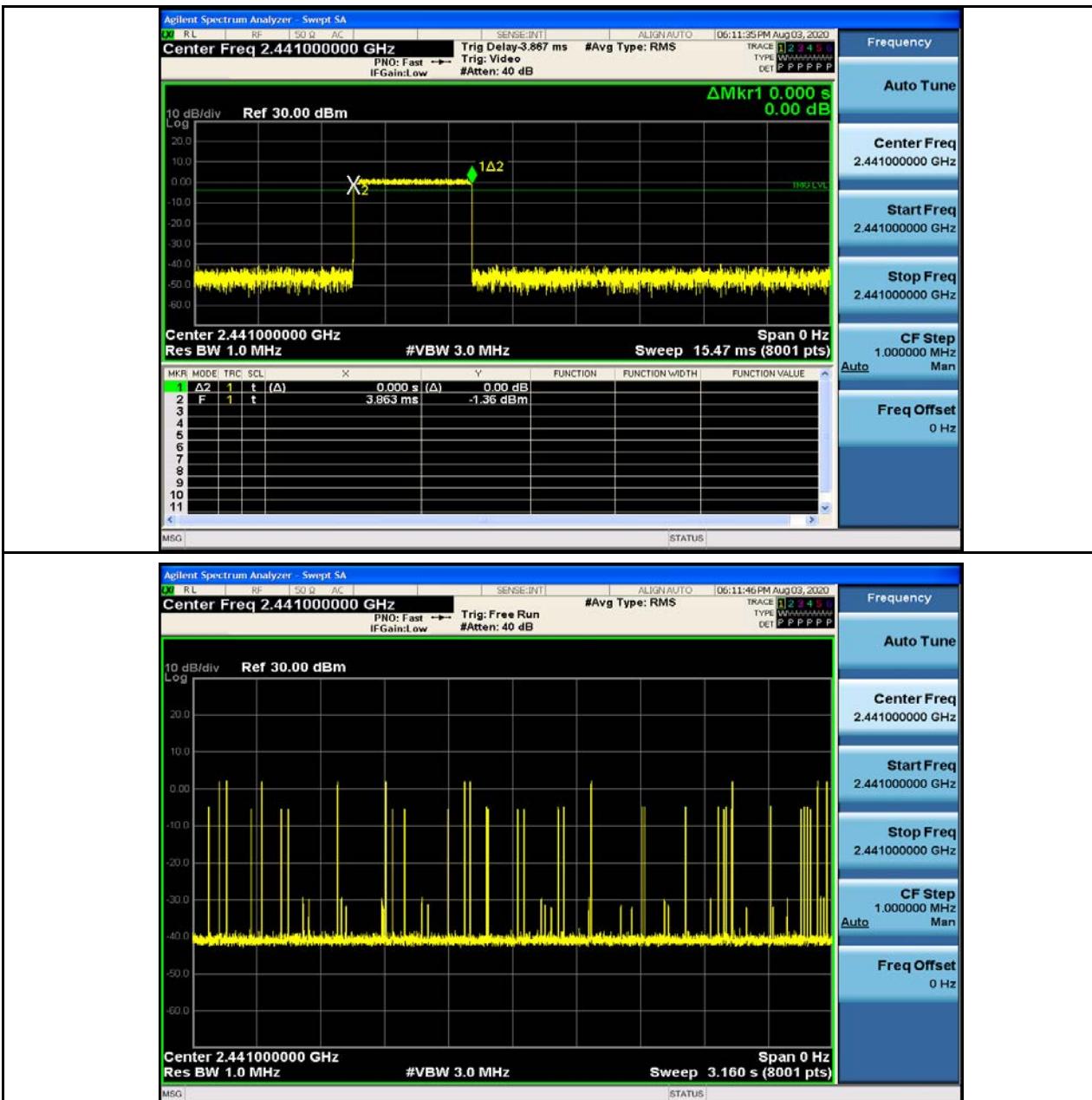








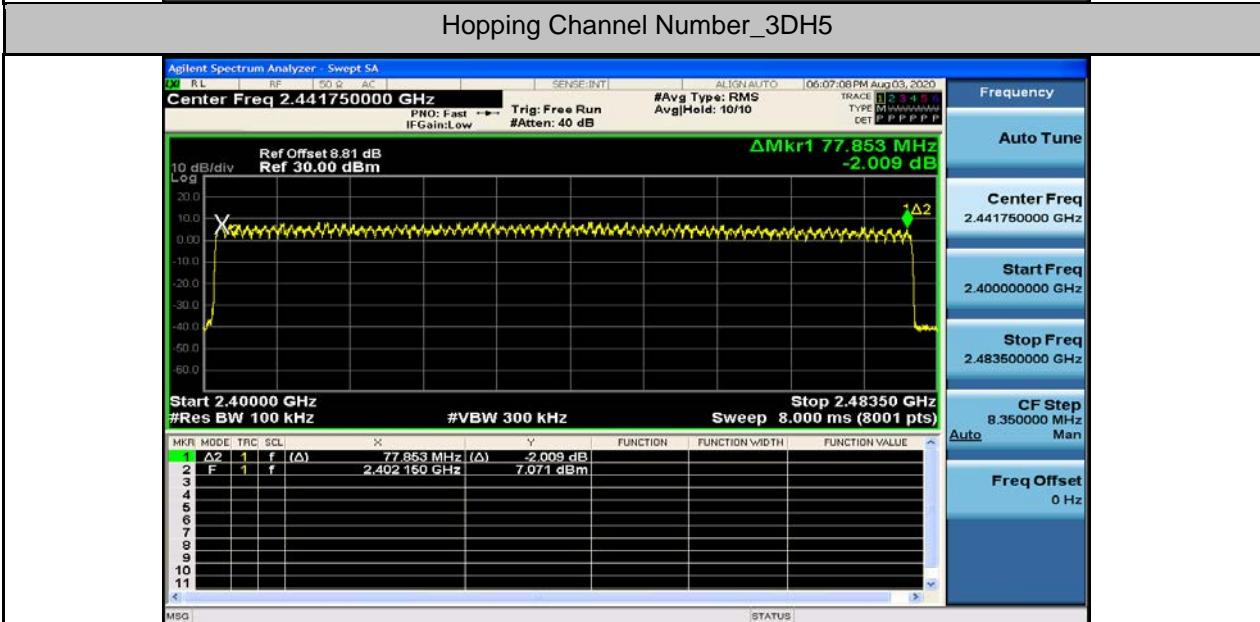
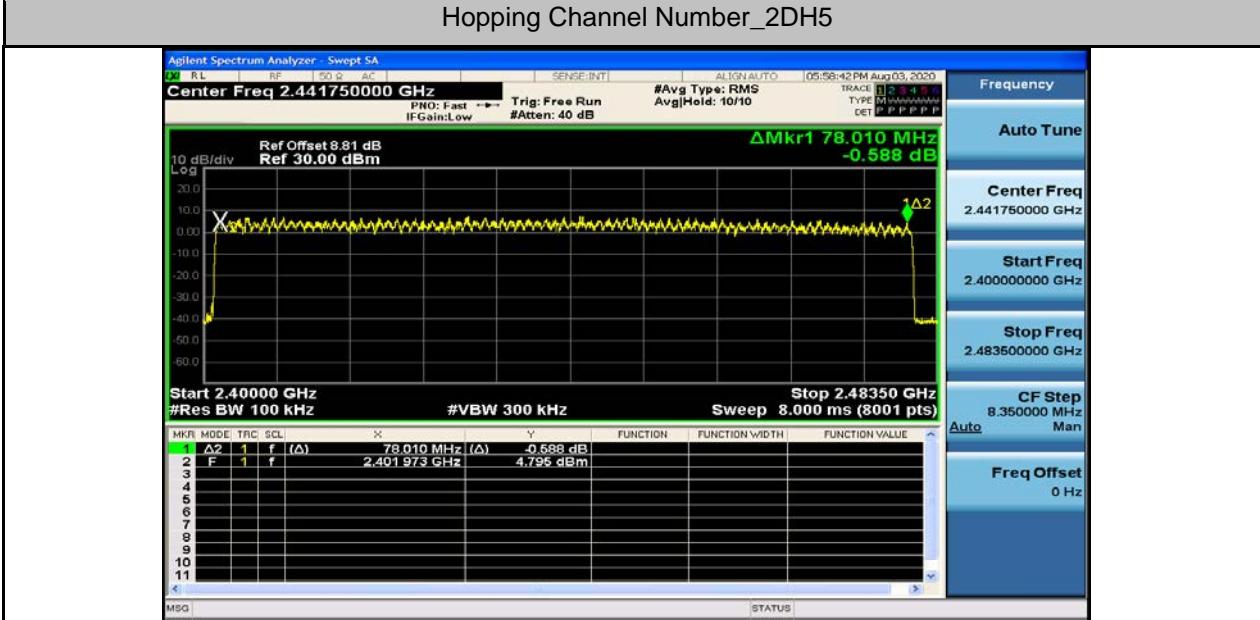
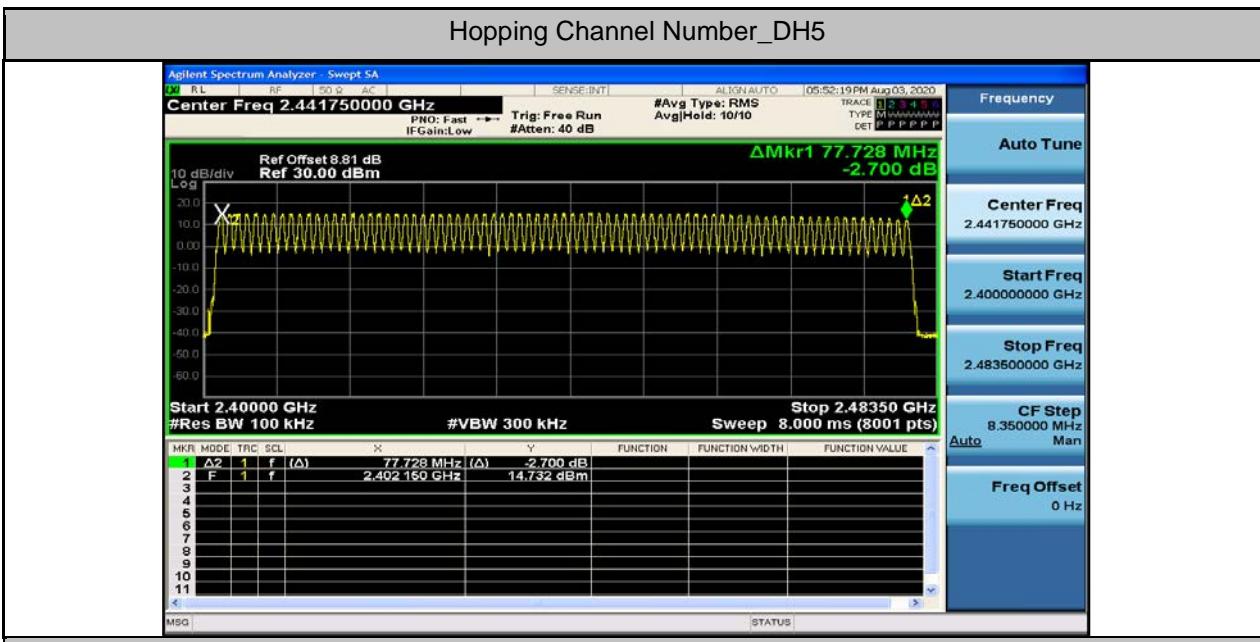






6.Hopping Channel Number

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





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	15.11	-38.89	-4.89	PASS
DH5	2402	Off	11.76	-38.97	-8.24	PASS
DH5	2480	On	13.64	-38.55	-6.36	PASS
DH5	2480	Off	13.00	-38.07	-7.00	PASS
2DH5	2402	On	6.38	-38.58	-13.62	PASS
2DH5	2402	Off	7.14	-38.60	-12.86	PASS
2DH5	2480	On	4.76	-37.70	-15.24	PASS
2DH5	2480	Off	5.22	-38.75	-14.78	PASS
3DH5	2402	On	7.18	-38.87	-12.82	PASS
3DH5	2402	Off	7.35	-39.05	-12.65	PASS
3DH5	2480	On	5.71	-38.32	-14.29	PASS
3DH5	2480	Off	5.17	-38.70	-14.84	PASS

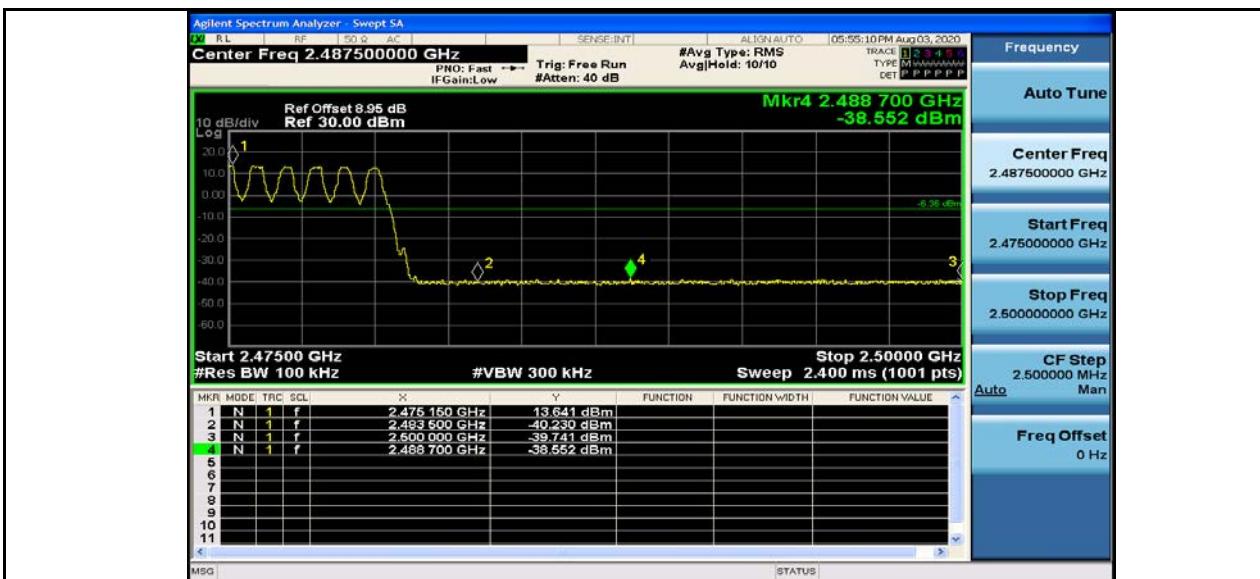
Band-edge for RF Conducted Emissions_DH5_2402_Hopping On



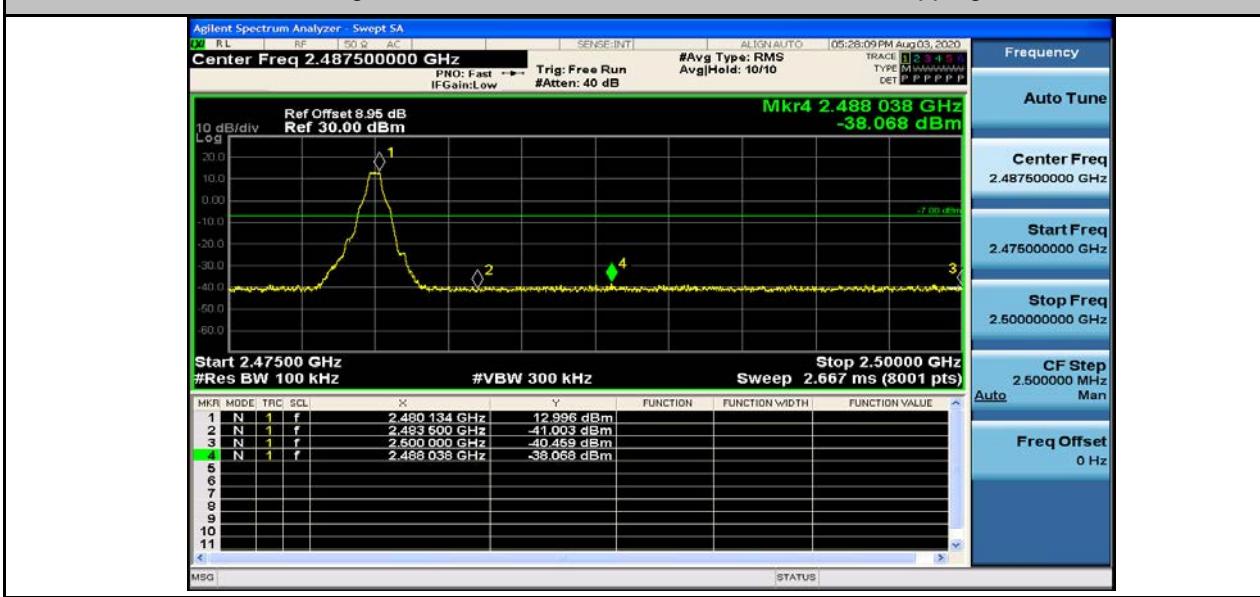
Band-edge for RF Conducted Emissions_DH5_2402_Hopping Off



Band-edge for RF Conducted Emissions_DH5_2480_Hopping On



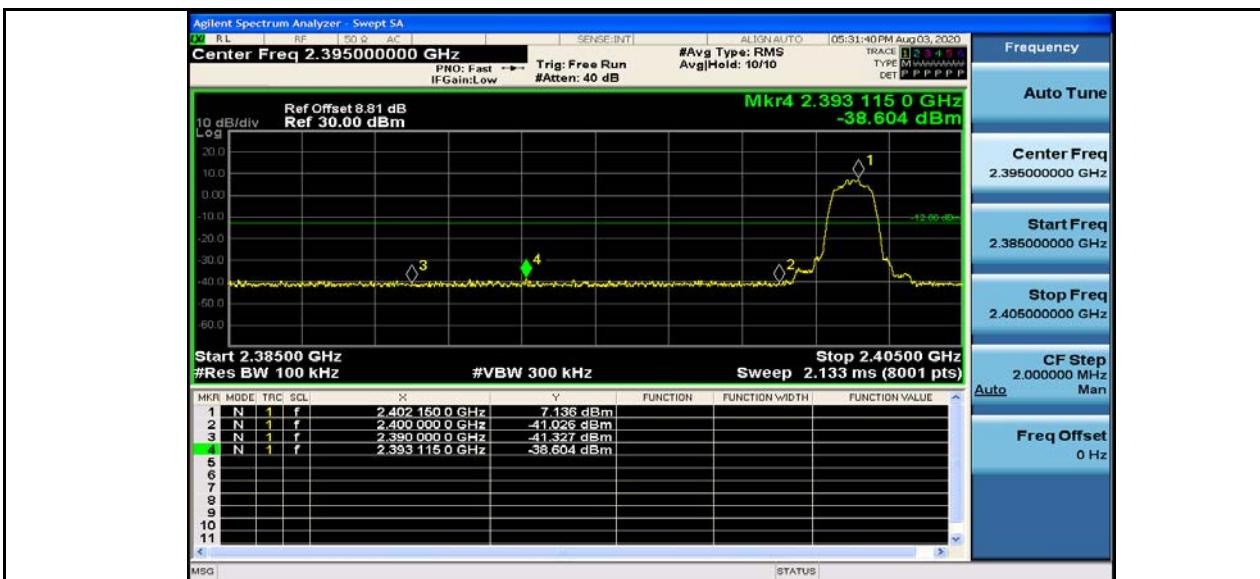
Band-edge for RF Conducted Emissions_DH5_2480_Hopping Off



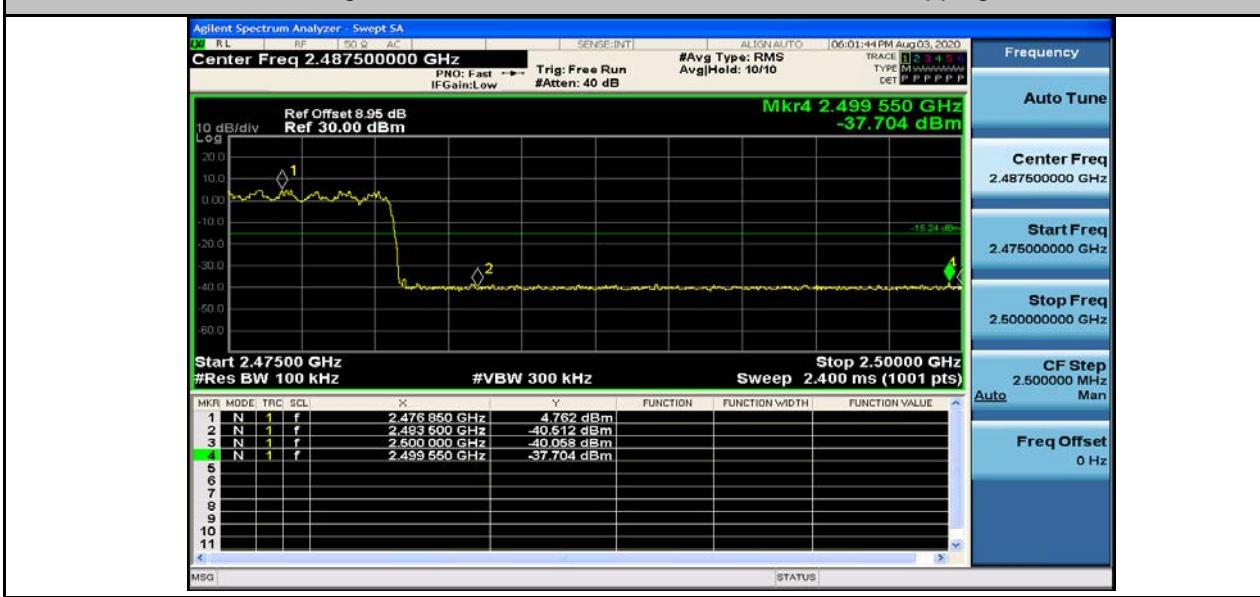
Band-edge for RF Conducted Emissions_2DH5_2402_Hopping On



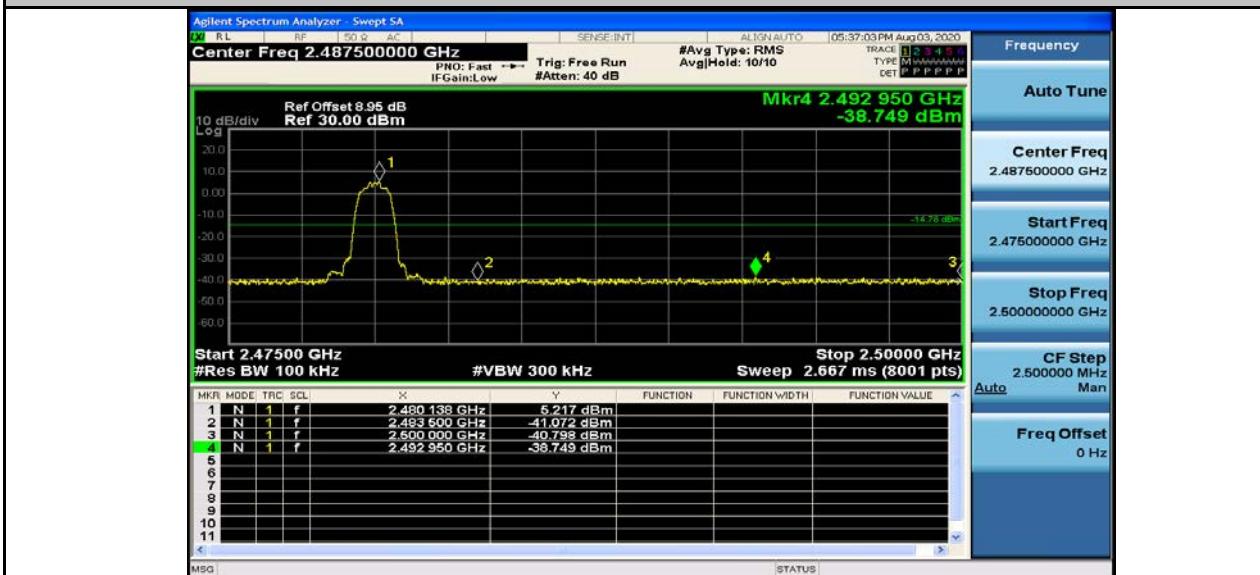
Band-edge for RF Conducted Emissions_2DH5_2402_Hopping Off



Band-edge for RF Conducted Emissions_2DH5_2480_Hopping On



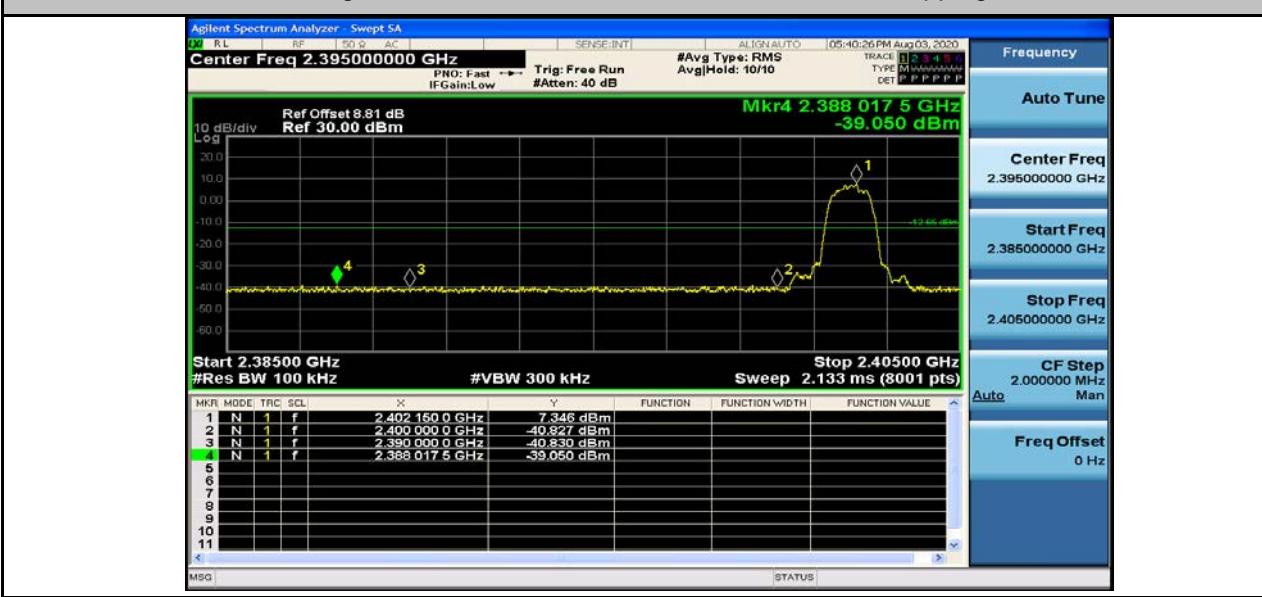
Band-edge for RF Conducted Emissions_2DH5_2480_Hopping Off



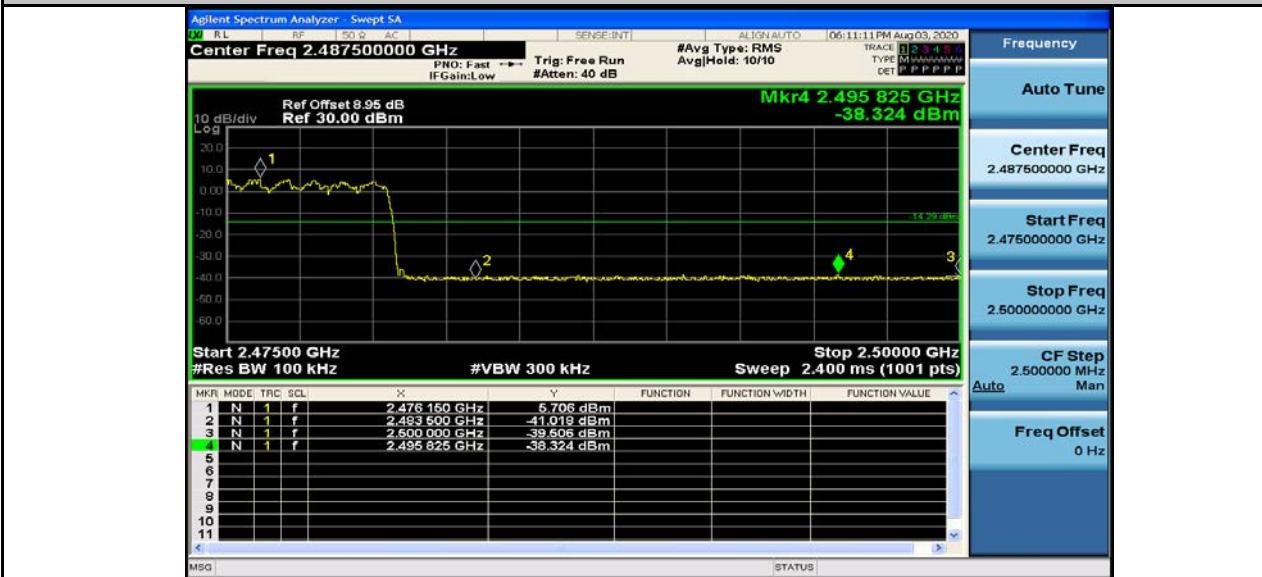
Band-edge for RF Conducted Emissions_3DH5_2402_Hopping On



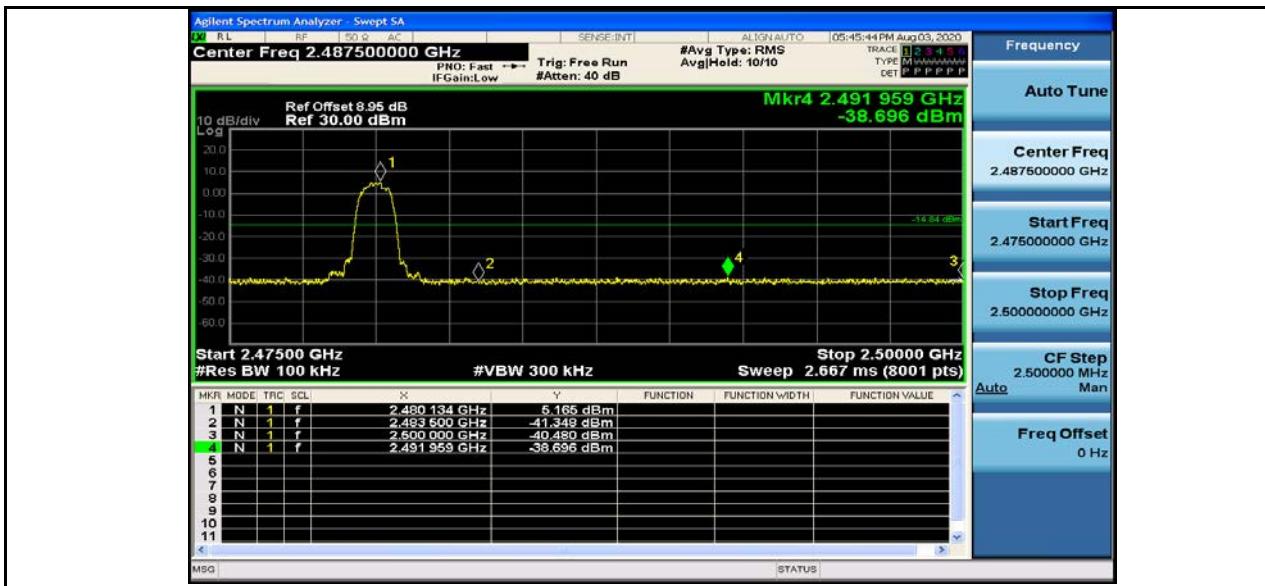
Band-edge for RF Conducted Emissions_3DH5_2402_Hopping Off



Band-edge for RF Conducted Emissions_3DH5_2480_Hopping On



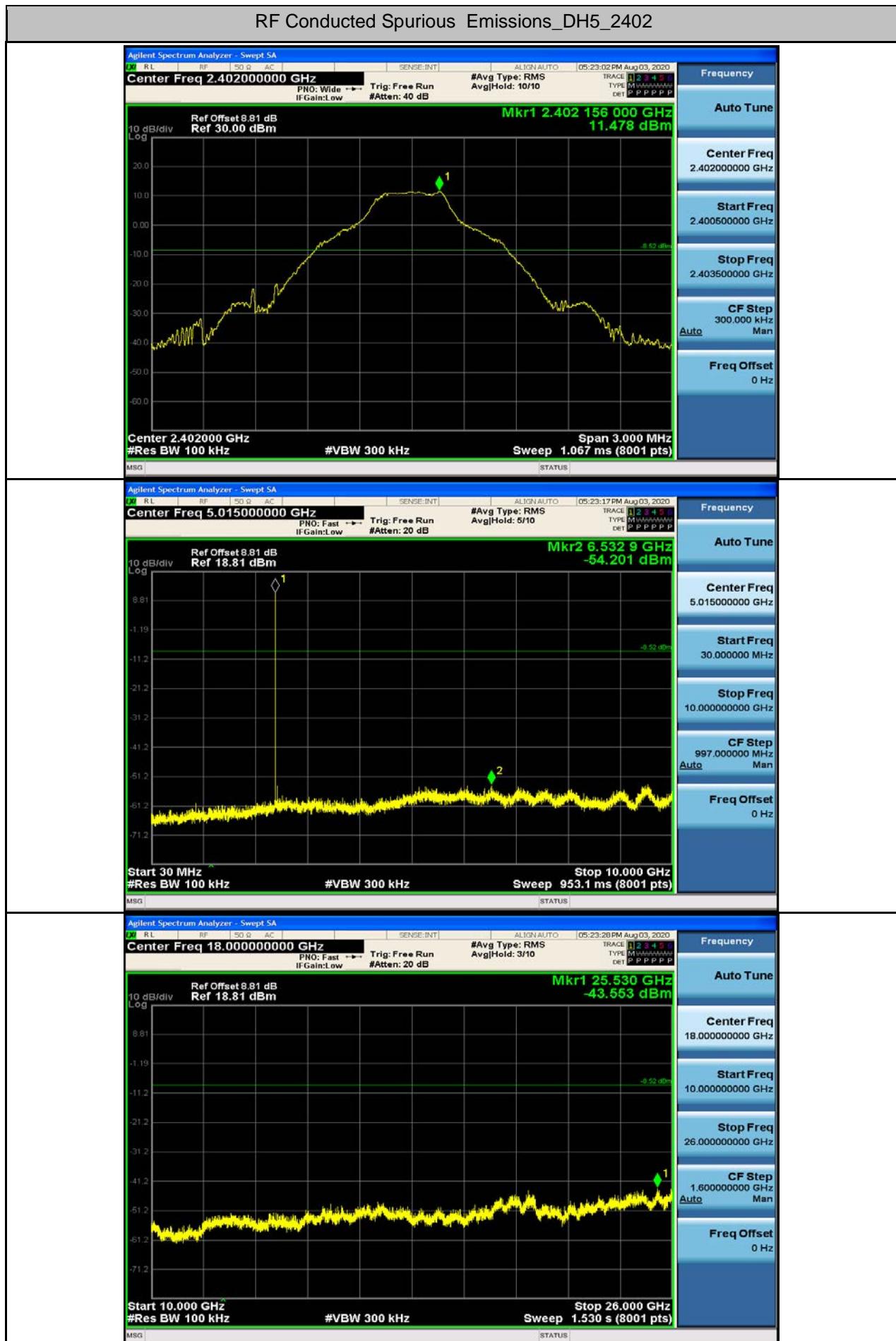
Band-edge for RF Conducted Emissions_3DH5_2480_Hopping Off

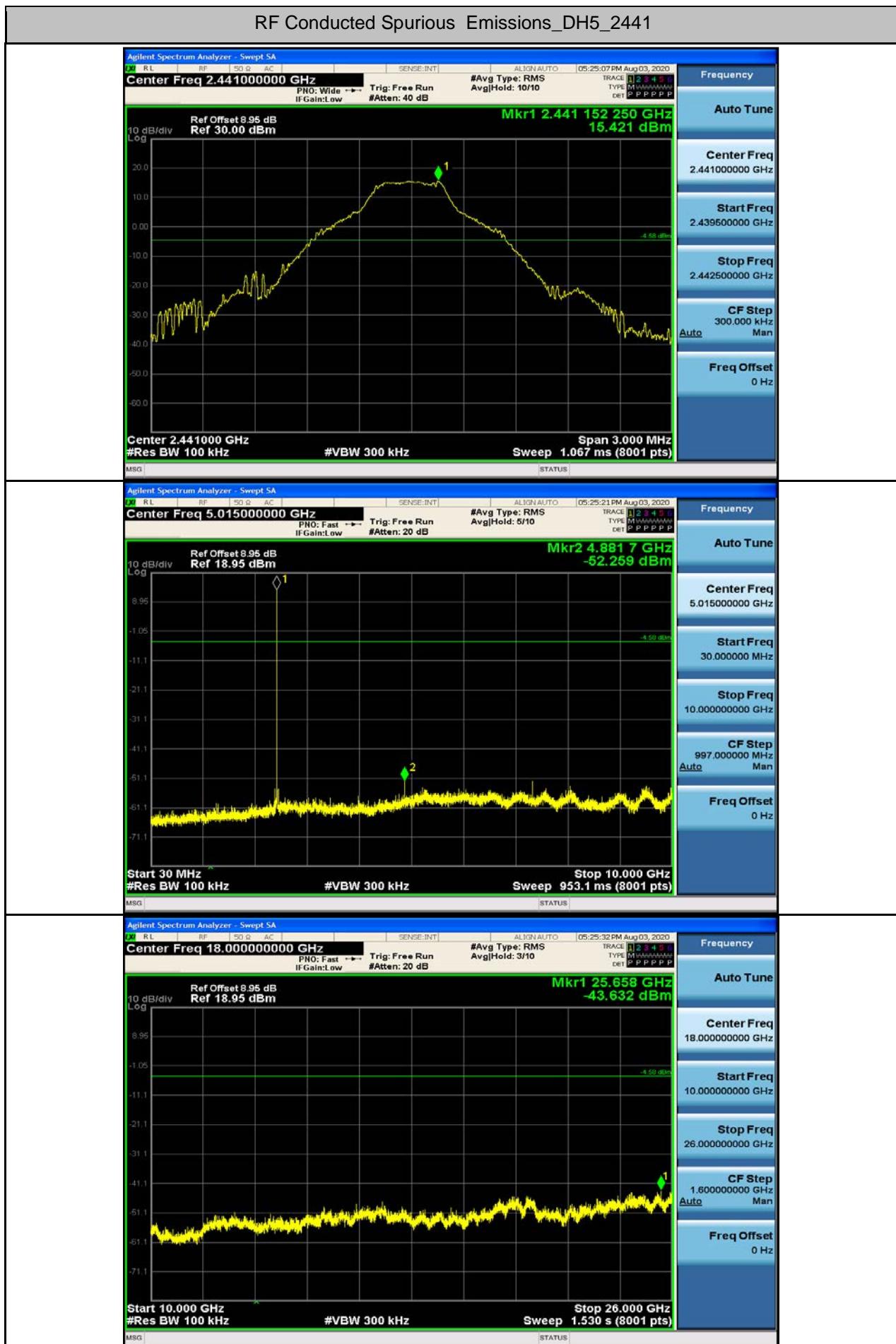


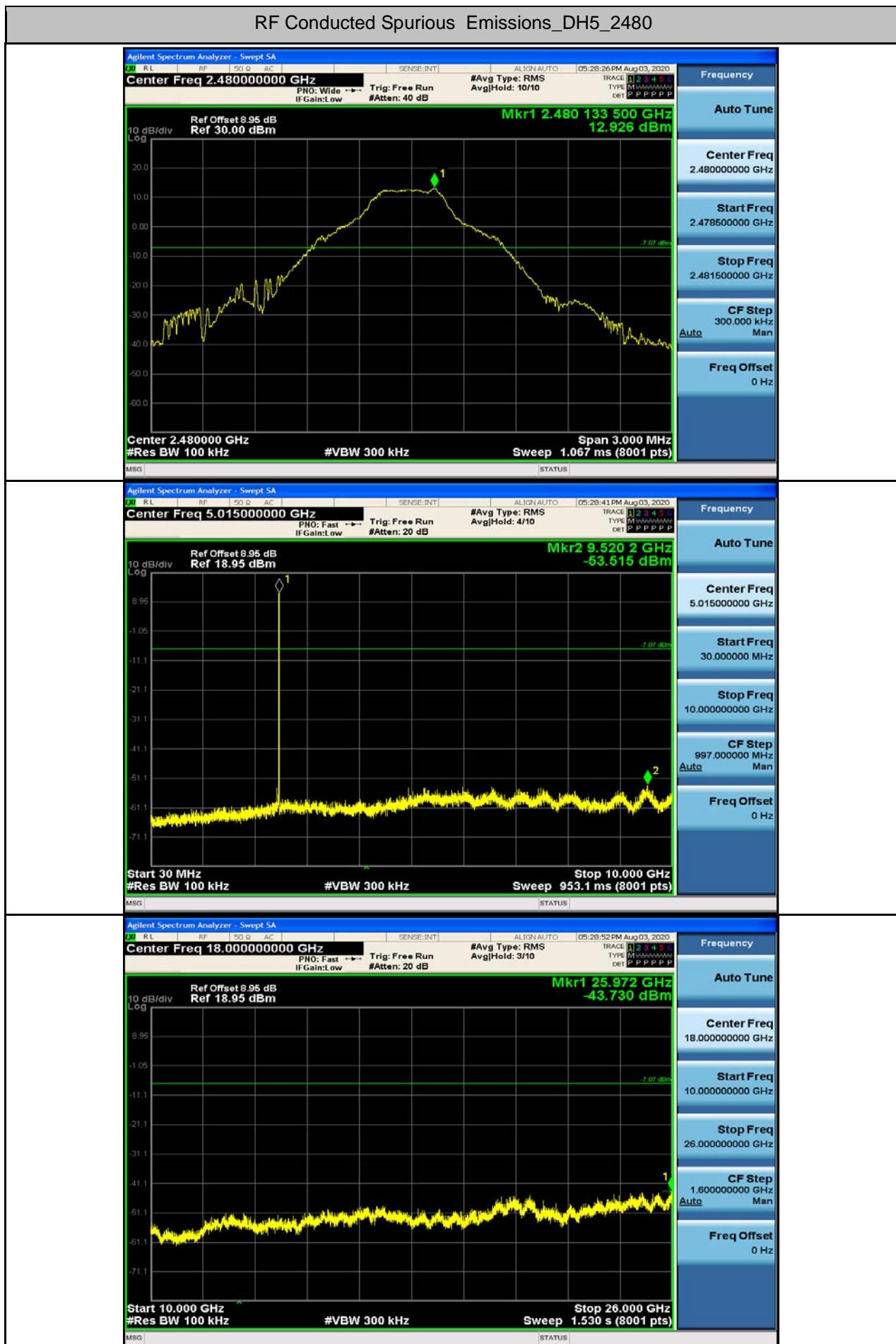


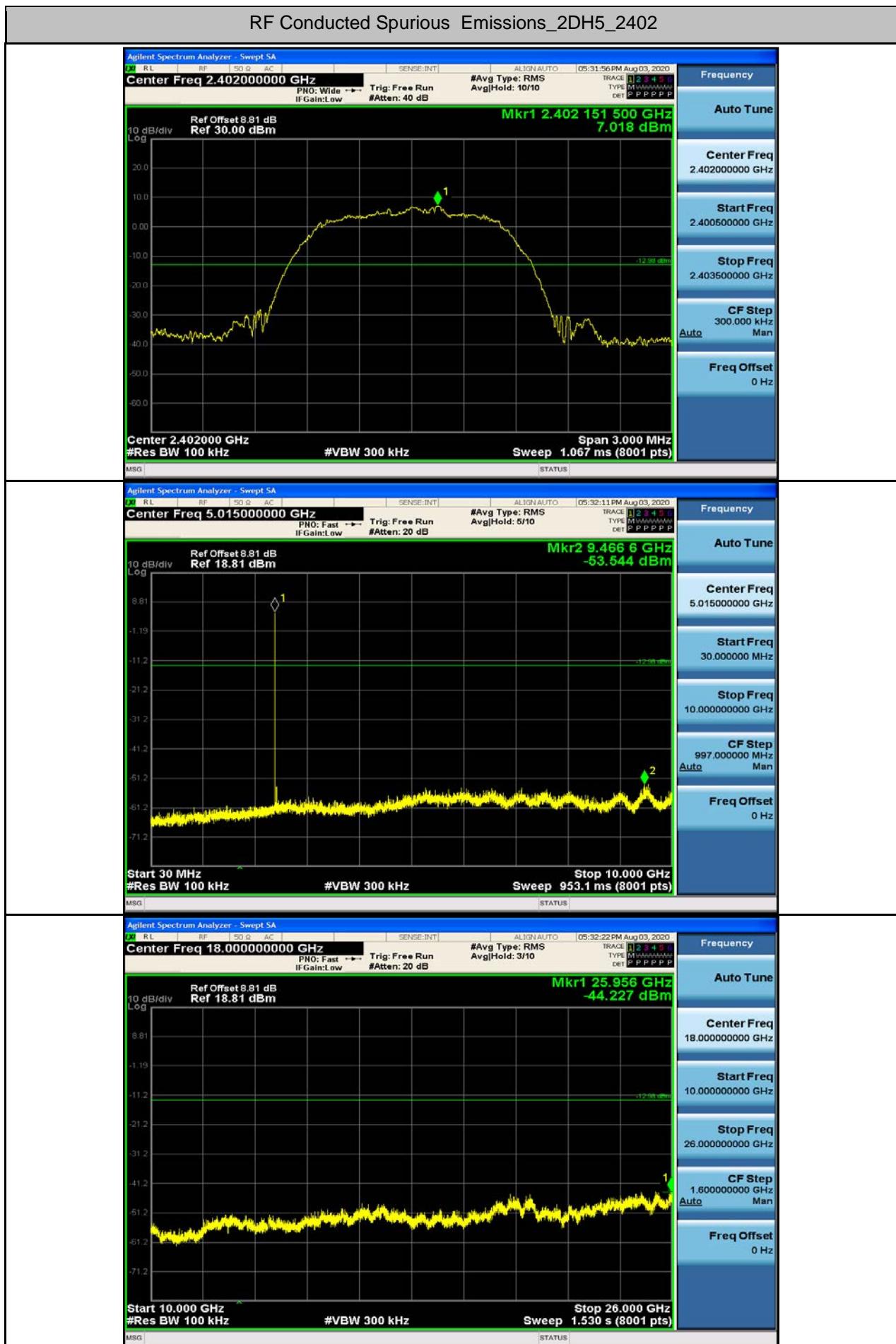
8.RF Conducted Spurious Emissions

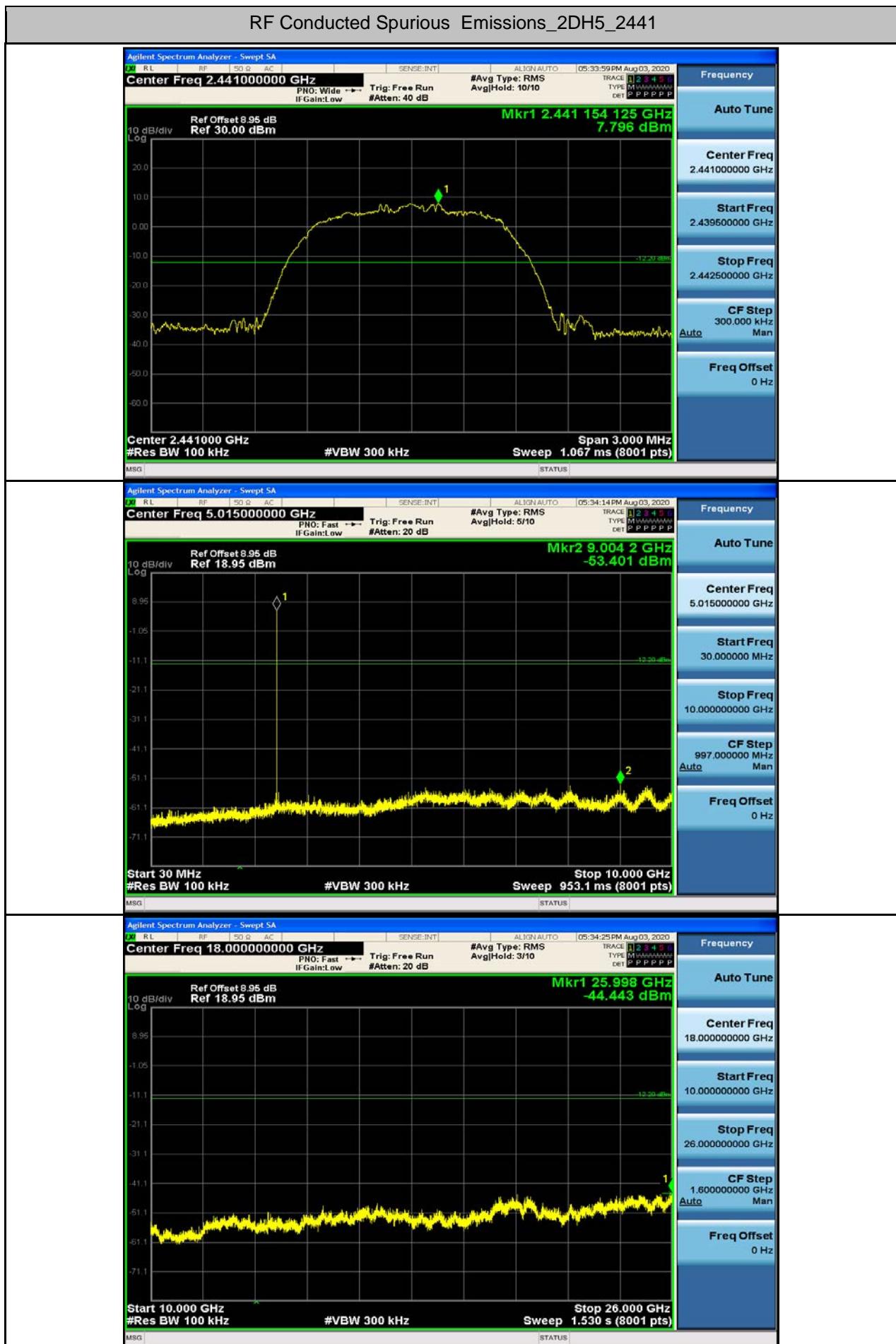
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
DH5	2402	30	10000	100	300	11.48	-54.20	<-8.52	PASS
DH5	2402	10000	26000	100	300	11.478	-43.553	<-8.522	PASS
DH5	2441	30	10000	100	300	15.42	-52.26	<-4.58	PASS
DH5	2441	10000	26000	100	300	15.421	-43.632	<-4.579	PASS
DH5	2480	30	10000	100	300	12.93	-53.52	<-7.07	PASS
DH5	2480	10000	26000	100	300	12.926	-43.730	<-7.074	PASS
2DH5	2402	30	10000	100	300	7.02	-53.54	<-12.98	PASS
2DH5	2402	10000	26000	100	300	7.018	-44.227	<-12.982	PASS
2DH5	2441	30	10000	100	300	7.80	-53.40	<-12.20	PASS
2DH5	2441	10000	26000	100	300	7.796	-44.443	<-12.204	PASS
2DH5	2480	30	10000	100	300	3.83	-53.61	<-16.17	PASS
2DH5	2480	10000	26000	100	300	3.826	-44.299	<-16.174	PASS
3DH5	2402	30	10000	100	300	7.22	-53.44	<-12.79	PASS
3DH5	2402	10000	26000	100	300	7.215	-44.306	<-12.785	PASS
3DH5	2441	30	10000	100	300	8.28	-54.59	<-11.72	PASS
3DH5	2441	10000	26000	100	300	8.279	-43.822	<-11.721	PASS
3DH5	2480	30	10000	100	300	5.02	-53.91	<-14.98	PASS
3DH5	2480	10000	26000	100	300	5.02	-43.327	<-14.98	PASS



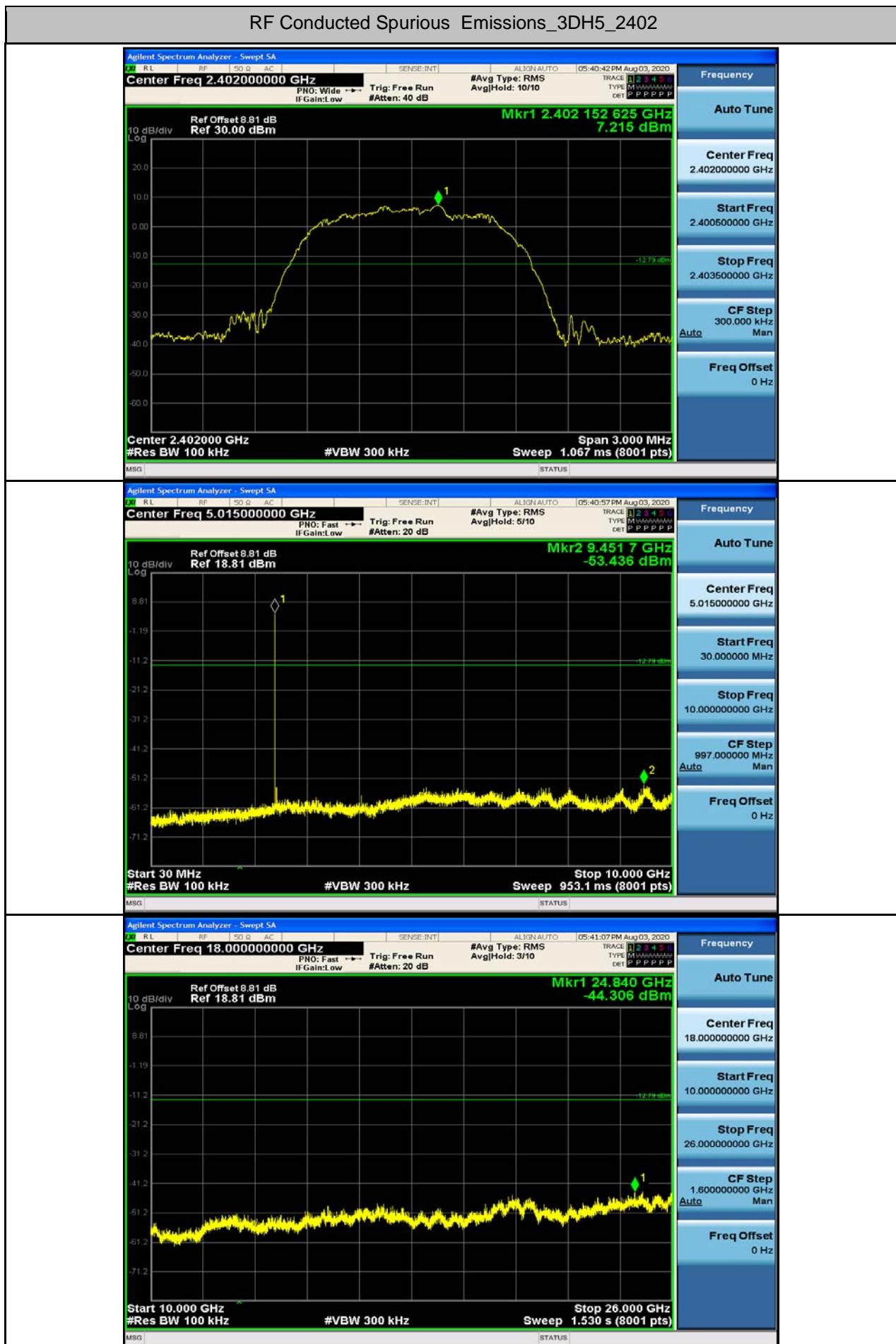




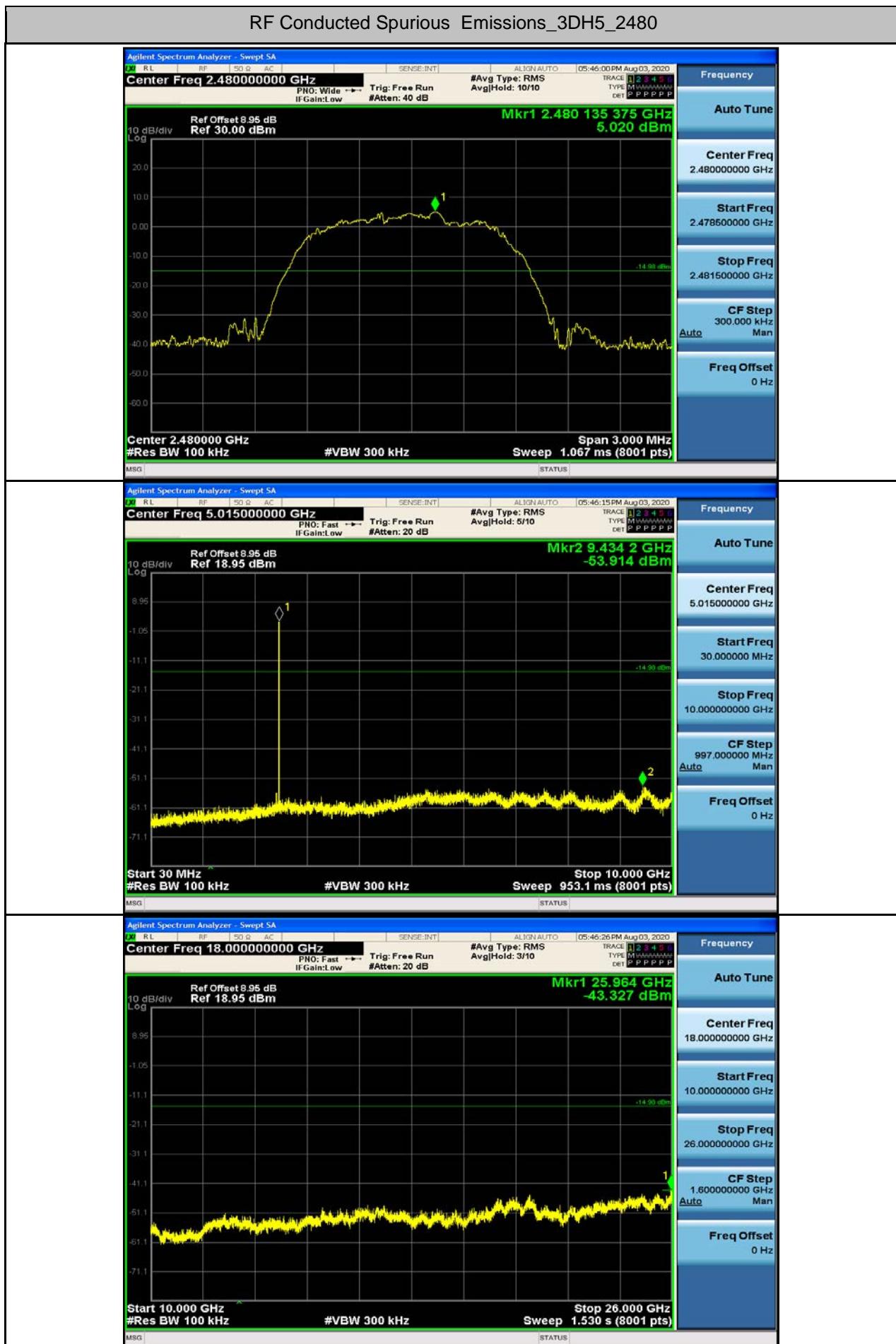














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