



Appendix A: 20dB Emission Bandwidth (EBW)



1 Result Table

EUT Conf.	EBW [MHz]	Verdict
TM1_DH5_Ch0	0.94	Pass
TM1_DH5_Ch39	0.95	Pass
TM1_DH5_Ch78	0.95	Pass
TM2_2DH5_Ch0	1.27	Pass
TM2_2DH5_Ch39	1.27	Pass
TM2_2DH5_Ch78	1.27	Pass
TM3_3DH5_Ch0	1.27	Pass
TM3_3DH5_Ch39	1.27	Pass
TM3_3DH5_Ch78	1.27	Pass



2 Test Plot

2.1 TM1_DH5_Ch0





2.2 TM1_DH5_Ch39



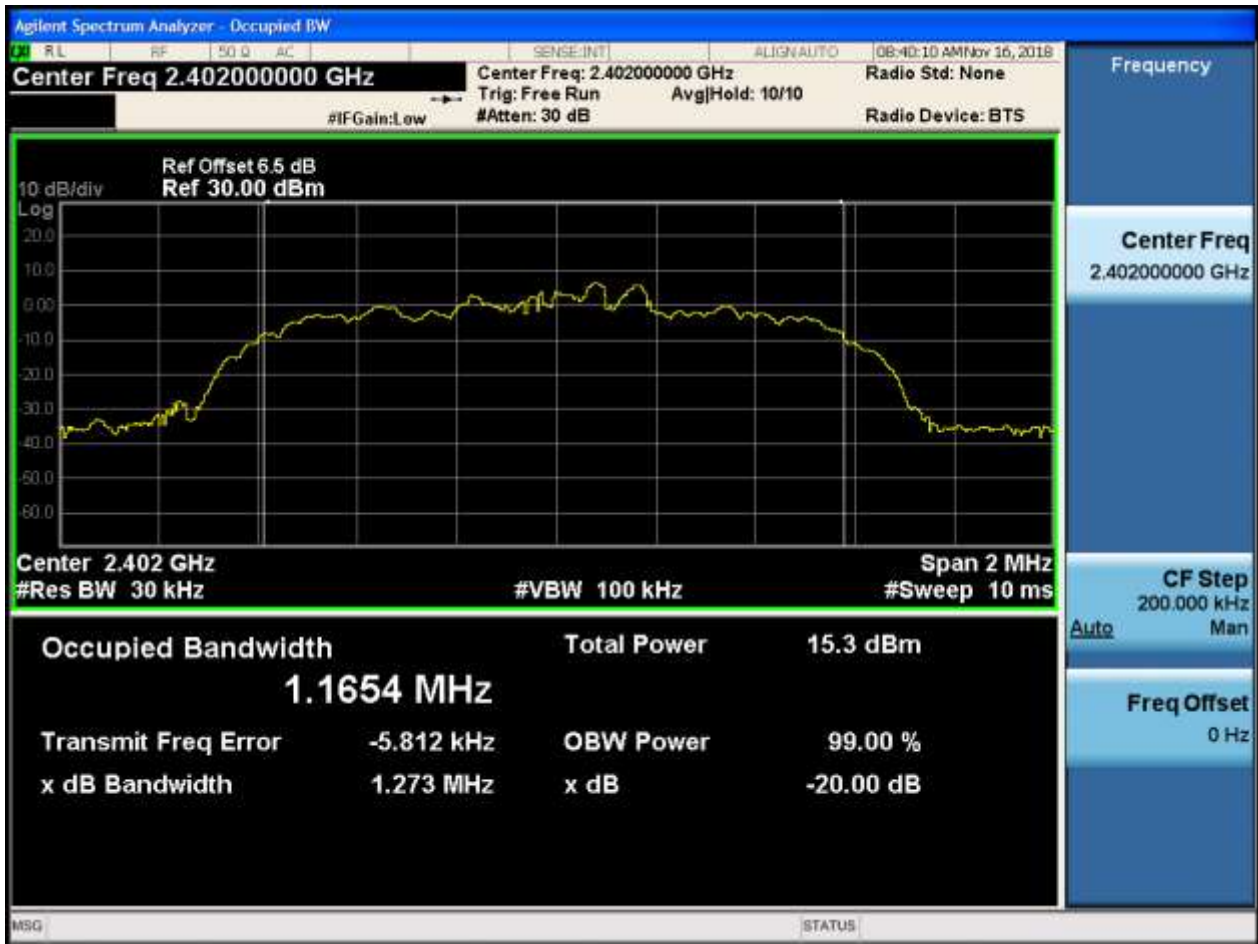


2.3 TM1_DH5_Ch78





2.4 TM2_2DH5_Ch0





2.5 TM2_2DH5_Ch39



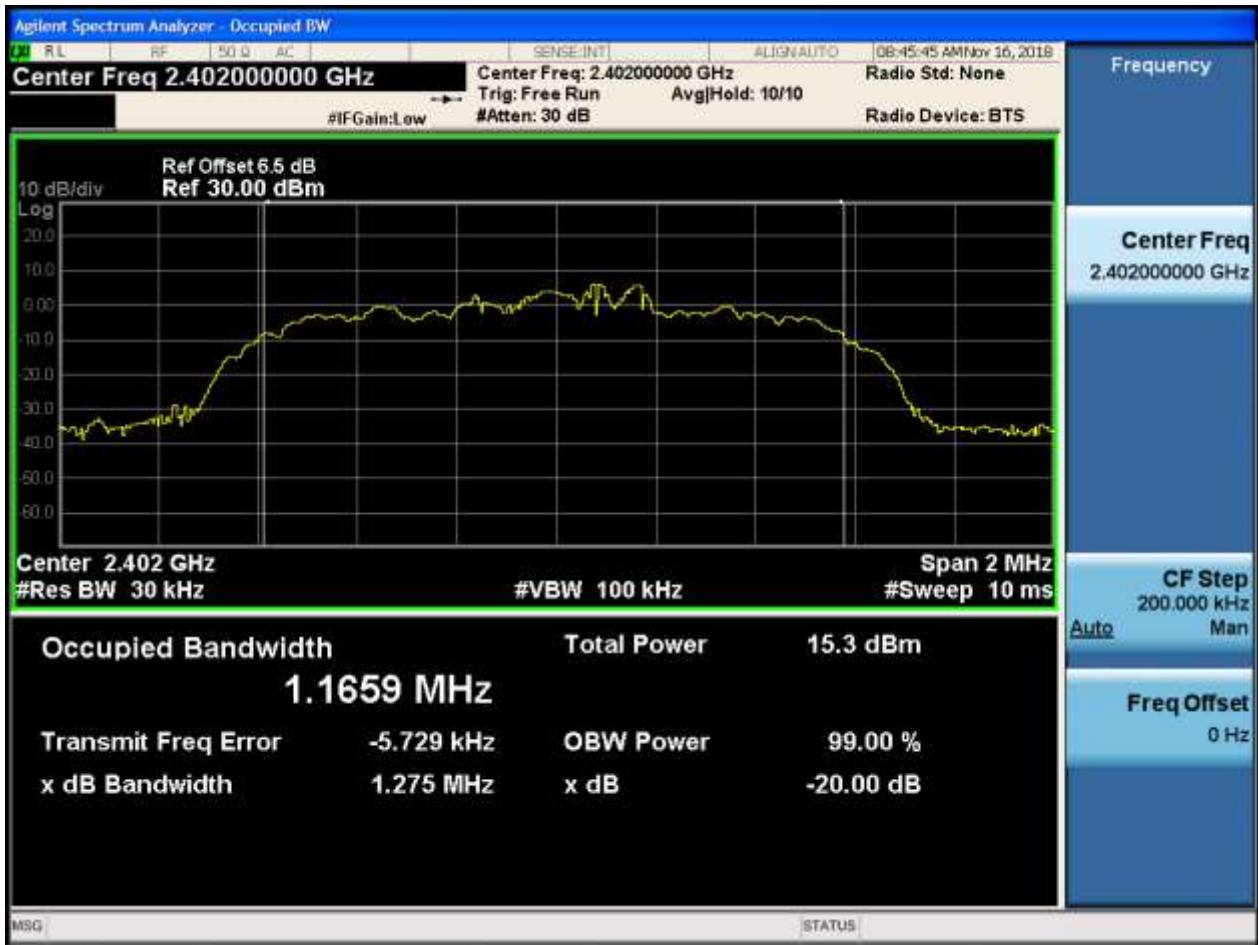


2.6 TM2_2DH5_Ch78





2.7 TM3_3DH5_Ch0





2.8 TM3_3DH5_Ch39





2.9 TM3_3DH5_Ch78





Appendix B: Carrier Frequency Separation



1 Result Table

EUT Conf.	Carrier Frequency Separation [MHz]	Verdict
TM1_DH5_Hop	1	Pass
TM2_2DH5_Hop	0.85	Pass
TM3_3DH5_Hop	1.15	Pass



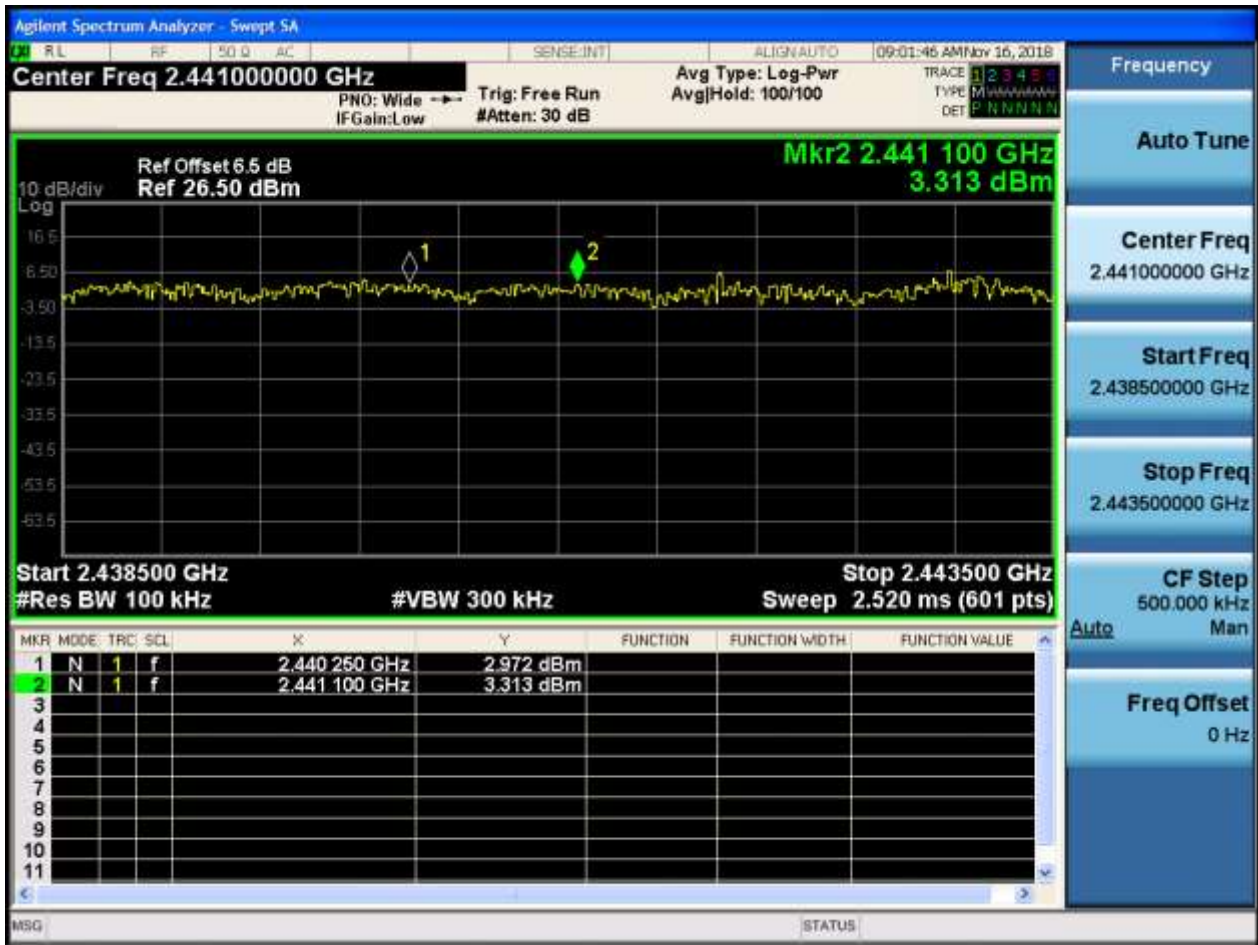
2 Test Plot

2.1 TM1_DH5_Hop



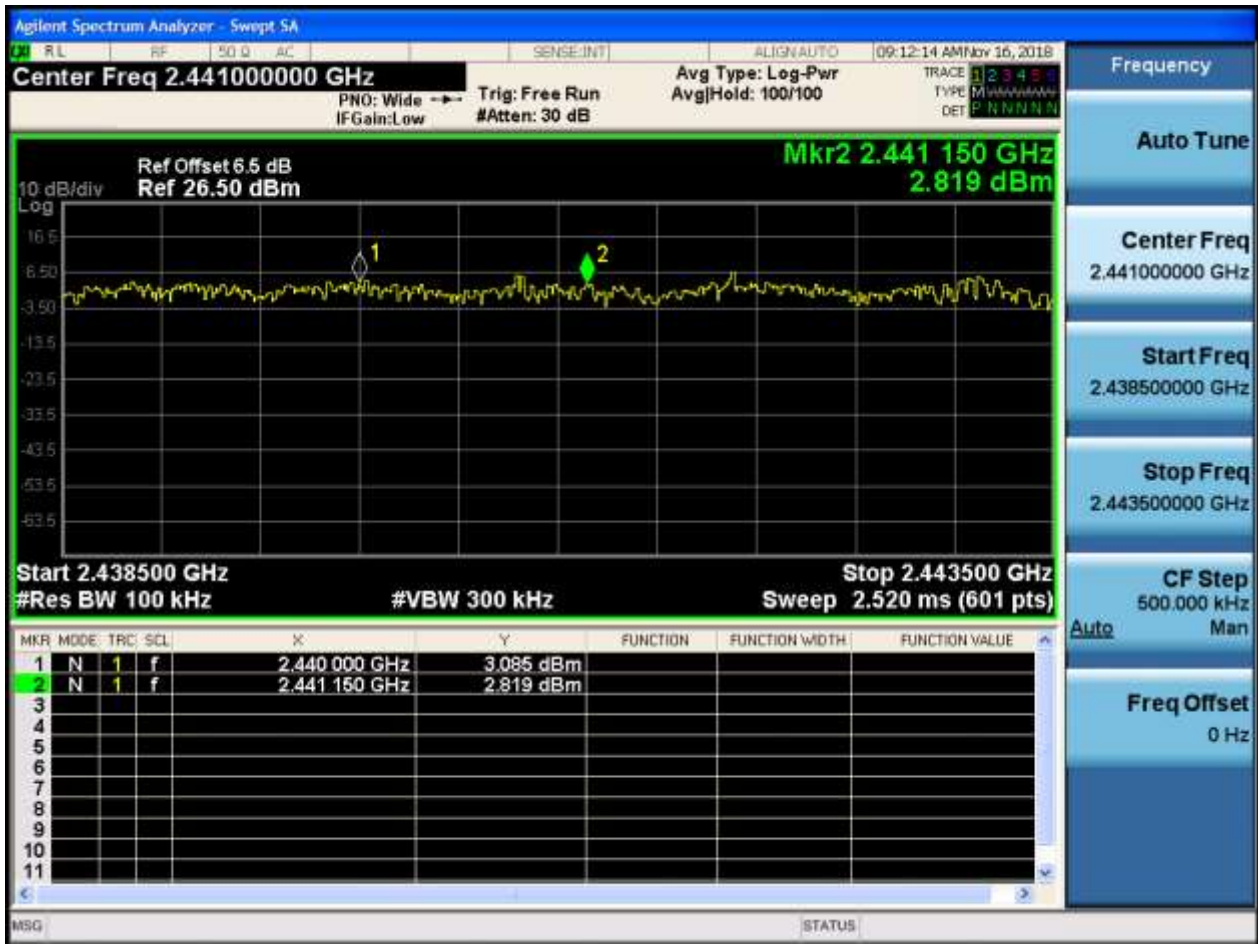


2.2 TM2_2DH5_Hop





2.3 TM3_3DH5_Hop





Appendix C: Number of Hopping Channel



1 Result Table

EUT Conf.	Number of Hopping Channel	Verdict
TM1_DH5_Hop	79	Pass
TM2_2DH5_Hop	79	Pass
TM3_3DH5_Hop	79	Pass

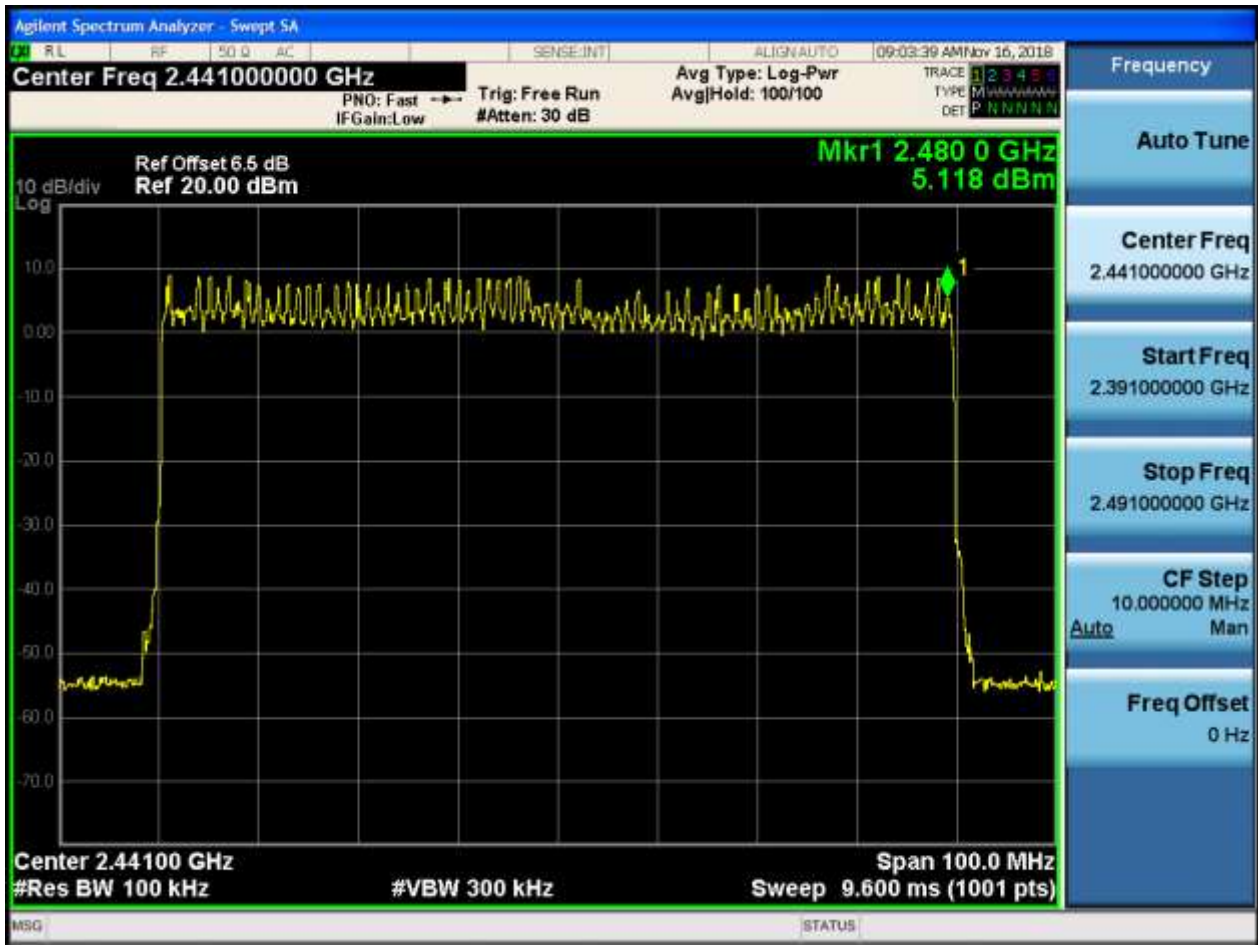
2 Test Plot

2.1 TM1_DH5_Hop





2.2 TM2_2DH5_Hop





2.3 TM3_3DH5_Hop





Appendix D: Time of Occupancy (Dwell Time)

1 Result Table

The Dwell Time = Burst Width * Total Hops. The detailed calculations are showed as follows:

- The duration for dwell time calculation: $0.4 \text{ [s]} * \text{hopping number} = 0.4 \text{ [s]} * 79 \text{ [ch]} = 31.6 \text{ [s*ch]}$;
- The burst width [ms/hop/ch], which is directly measured, refers to the duration on one channel hop.
- The hops per second for all channels: The selected EUT Conf uses a slot type of 5-Tx&1-Rx and a hopping rate of 1600 [ch*hop/s] for all channels. So the final hopping rate for all channels is $1600 / 6 = 266.67 \text{ [ch*hop/s]}$;
- The hops per second on one channel: $266.67 \text{ [ch*hop/s]} / 79 \text{ [ch]} = 3.38 \text{ [hop/s]}$;
- The total hops for all channels within the dwell time calculation duration: $3.38 \text{ [hop/s]} * 31.6 \text{ [s*ch]} = 106.67 \text{ [hop*ch]}$;
- The dwell time for all channels hopping: $106.67 \text{ [hop*ch]} * \text{Burst Width [ms/hop/ch]}$.

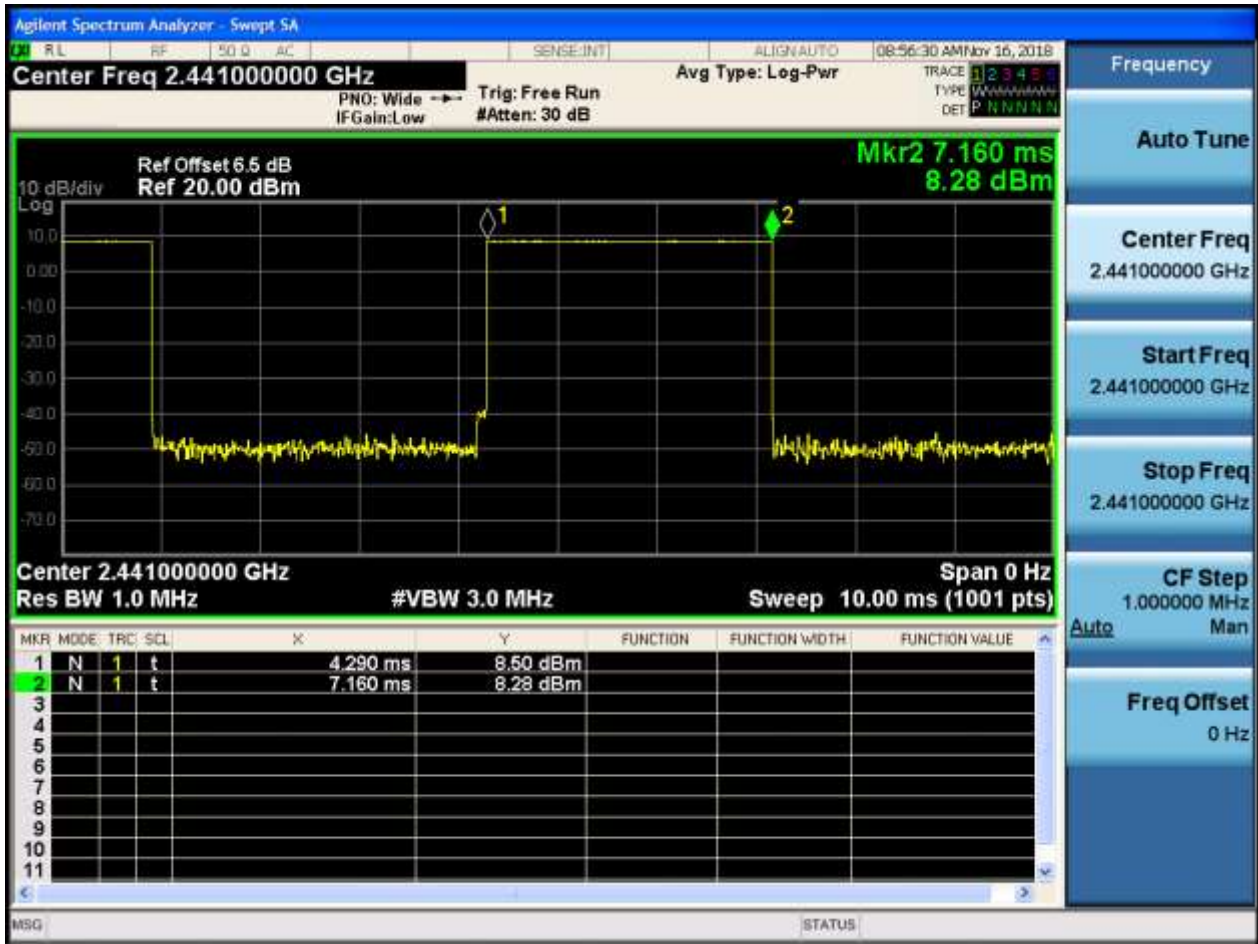
EUT Conf.	Burst Width [s/hop/ch]	Total Hops [hop*ch]	Dwell Time [ms]	Verdict
TM1_DH5_Ch39	0.00287	106.67	0.309	Pass
TM2_2DH5_Ch39	0.00288	106.67	0.309	Pass
TM3_3DH5_Ch39	0.00288	106.67	0.309	Pass



2 Test Plot

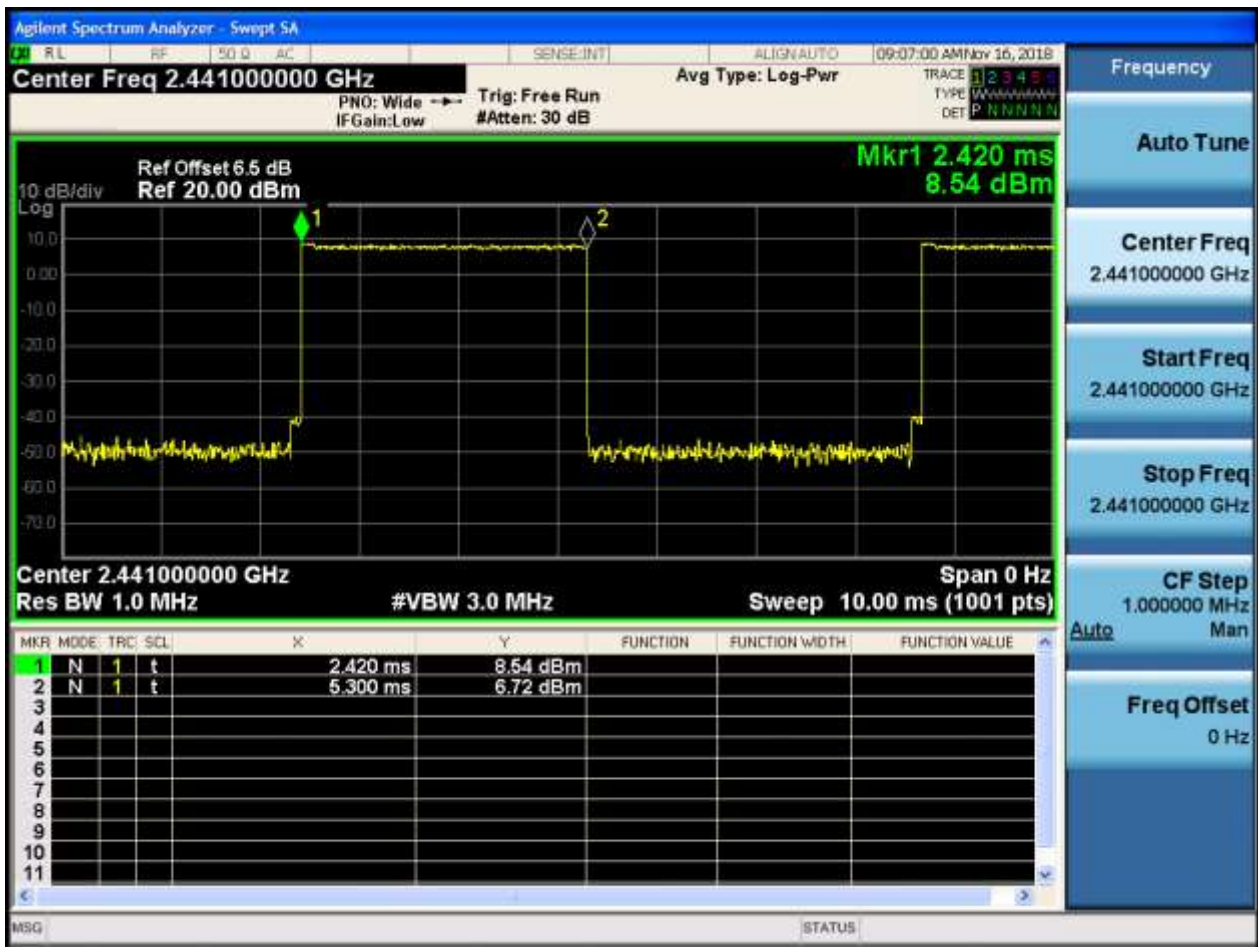
NOTE: The test plots are only for Burst Width measurements.

2.1 TM1_DH5_Ch39



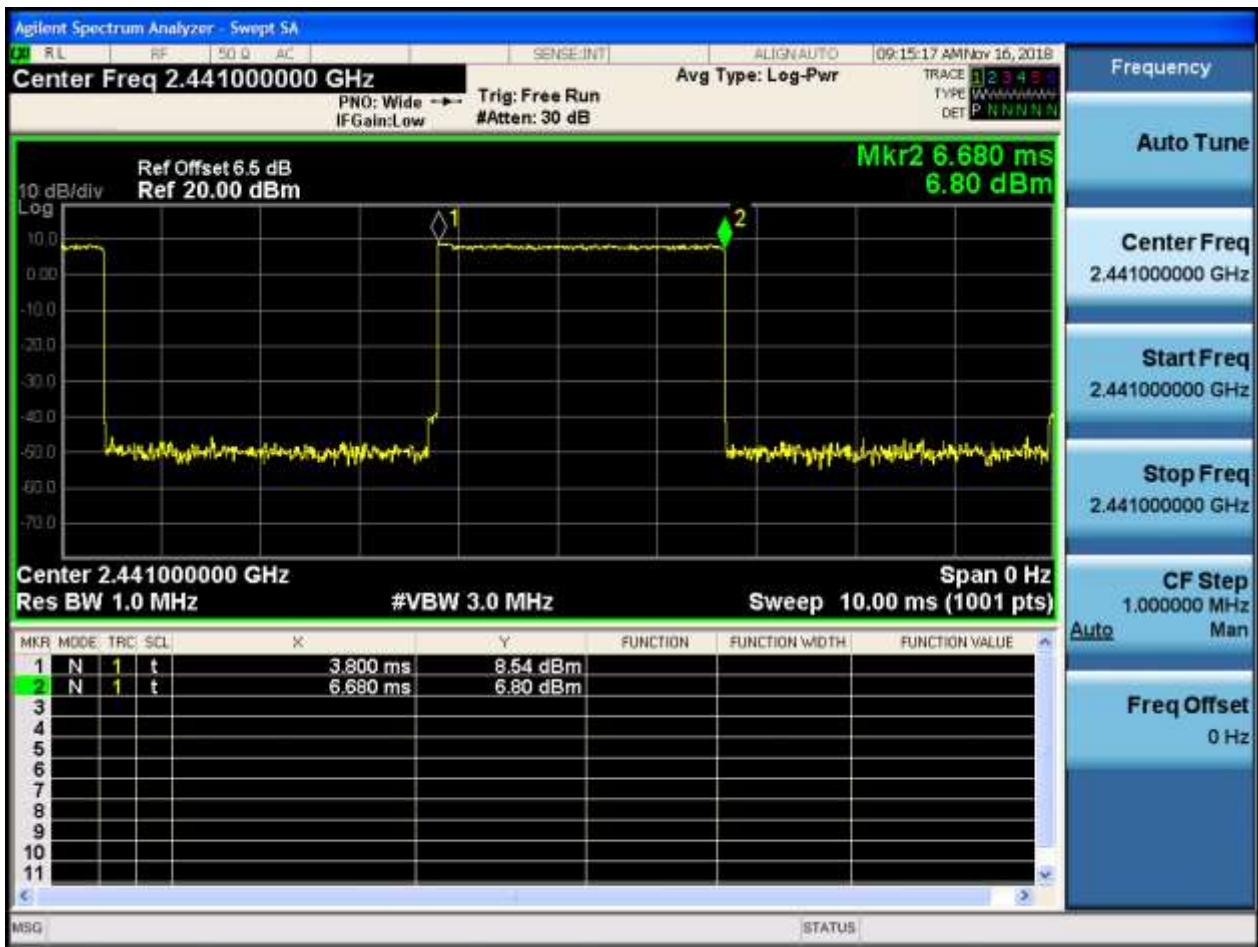


2.2 TM2_2DH5_Ch39





2.3 TM3_3DH5_Ch39





Appendix E: Maximum Peak Conducted Output Power



1 Result Table

EUT Conf.	Max. Peak Power [dBm]	Verdict
TM1_DH5_Ch0	8.909	Pass
TM1_DH5_Ch39	8.617	Pass
TM1_DH5_Ch78	8.441	Pass
TM2_2DH5_Ch0	9.204	Pass
TM2_2DH5_Ch39	8.879	Pass
TM2_2DH5_Ch78	8.748	Pass
TM3_3DH5_Ch0	9.226	Pass
TM3_3DH5_Ch39	8.879	Pass
TM3_3DH5_Ch78	8.732	Pass

2 Test Plot

2.1 TM1_DH5_Ch0





2.2 TM1_DH5_Ch39





2.3 TM1_DH5_Ch78





2.4 TM2_2DH5_Ch0





2.5 TM2_2DH5_Ch39



2.6 TM2_2DH5_Ch78





2.7 TM3_3DH5_Ch0





2.8 TM3_3DH5_Ch39





2.9 TM3_3DH5_Ch78





Appendix F: Band edge spurious emission



1 Result Table

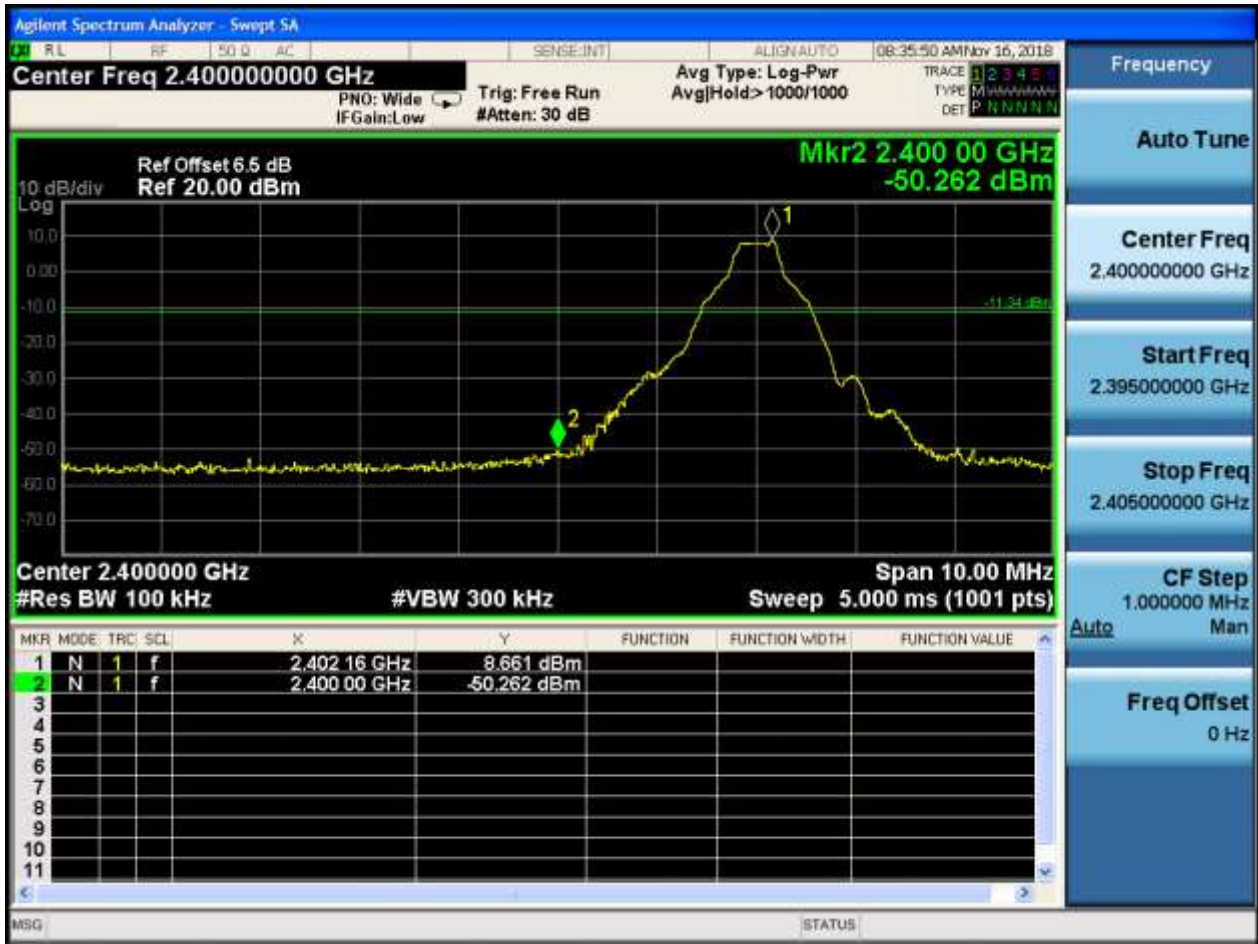
EUT Conf.	Channel No.	Carrier Frequency [MHz]	Max. Spurious Level [dBm]	Frequency Hopping	Carrier Power [dBm]	Limit [dBm]	Result
TM1_DH5_Ch0	0	2402	-50.262	Off	8.661	-11.339	Pass
	-	-	-54.338	On	8.025	-11.975	Pass
TM1_DH5_Ch78	78	2480	-55.989	Off	8.089	-11.911	Pass
	-	-	-56.647	On	7.743	-12.257	Pass
TM2_2DH5_Ch0	0	2402	-47.275	Off	8.716	-11.284	Pass
	-	-	-45.973	On	7.214	-12.786	Pass
TM2_2DH5_Ch78	78	2480	-56.078	Off	8.163	-11.837	Pass
	-	-	-56.543	On	5.171	-14.829	Pass
TM3_3DH5_Ch0	0	2402	-47.078	Off	8.711	-11.289	Pass
	-	-	-51.048	On	7.977	-12.023	Pass
TM3_3DH5_Ch78	78	2480	-55.564	Off	8.151	-11.849	Pass
	-	-	-55.324	On	7.442	-12.558	Pass



2 Test Plot

2.1 TM1_DH5_Ch0

No hopping



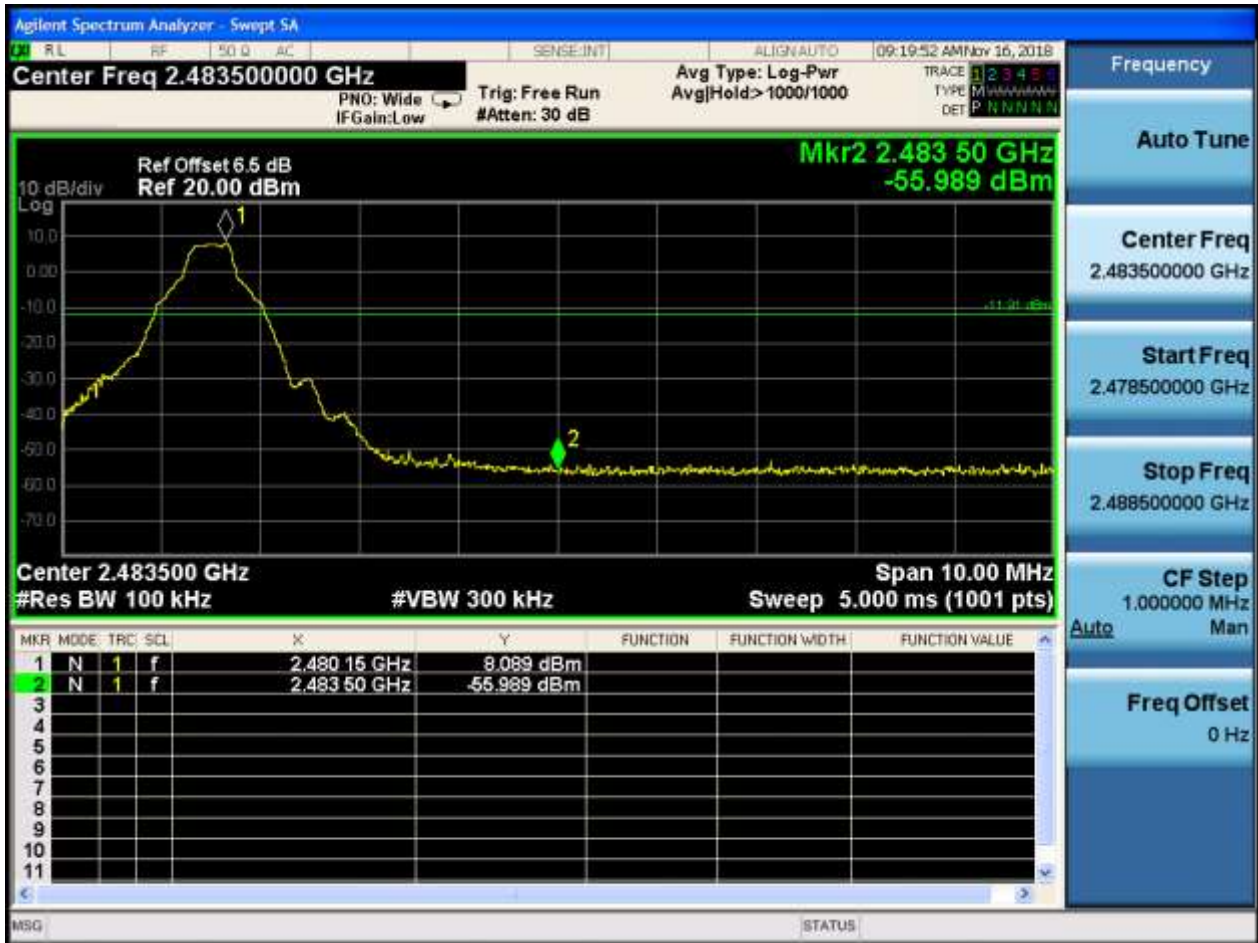


With hopping



2.2 TM1_DH5_Ch78

No hopping





With hopping



2.3 TM2_2DH5_Ch0

No hopping





With hopping





2.4 TM2_2DH5_Ch78

No hopping





With hopping





2.5 TM3_3DH5_Ch0

No hopping





With hopping



2.6 TM3_3DH5_Ch78

No hopping





With hopping





Appendix G: Conducted RF Spurious Emission



1 Test Result

TestMode	Antenna	Channel	FreqRange	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	Reference	8.44	8.44	---	PASS
			0.009~30	0.009~30	-73.2	-31.56	PASS
			30~1000	30~1000	-63.59	-21.56	PASS
			1000~26500	1000~26500	-37.44	-21.56	PASS
		2441	Reference	8.90	8.90	---	PASS
			0.009~30	0.009~30	-70.64	-31.1	PASS
			30~1000	30~1000	-62.8	-21.1	PASS
			1000~26500	1000~26500	-37.65	-21.1	PASS
		2480	Reference	7.58	7.58	---	PASS
			0.009~30	0.009~30	-72.49	-32.42	PASS
			30~1000	30~1000	-63.01	-22.42	PASS
			1000~26500	1000~26500	-37.63	-22.42	PASS
2DH5	Ant1	2402	Reference	7.71	7.71	---	PASS
			0.009~30	0.009~30	-73.83	-32.29	PASS
			30~1000	30~1000	-63.64	-22.29	PASS
			1000~26500	1000~26500	-37.97	-22.29	PASS
		2441	Reference	9.36	9.36	---	PASS
			0.009~30	0.009~30	-70.66	-30.64	PASS
			30~1000	30~1000	-63.1	-20.64	PASS
			1000~26500	1000~26500	-37.67	-20.64	PASS
		2480	Reference	4.20	4.20	---	PASS
			0.009~30	0.009~30	-73.05	-35.8	PASS
			30~1000	30~1000	-63.21	-25.8	PASS
			1000~26500	1000~26500	-38.07	-25.8	PASS
3DH5	Ant1	2402	Reference	8.75	8.75	---	PASS
			0.009~30	0.009~30	-70.82	-31.25	PASS
			30~1000	30~1000	-63.29	-21.25	PASS
			1000~26500	1000~26500	-37.78	-21.25	PASS
		2441	Reference	8.54	8.54	---	PASS
			0.009~30	0.009~30	-70.6	-31.46	PASS
			30~1000	30~1000	-62.77	-21.46	PASS
			1000~26500	1000~26500	-37.01	-21.46	PASS
		2480	Reference	6.47	6.47	---	PASS
			0.009~30	0.009~30	-68.32	-33.53	PASS
			30~1000	30~1000	-62.48	-23.53	PASS
			1000~26500	1000~26500	-37.75	-23.53	PASS



2 Test Graphs

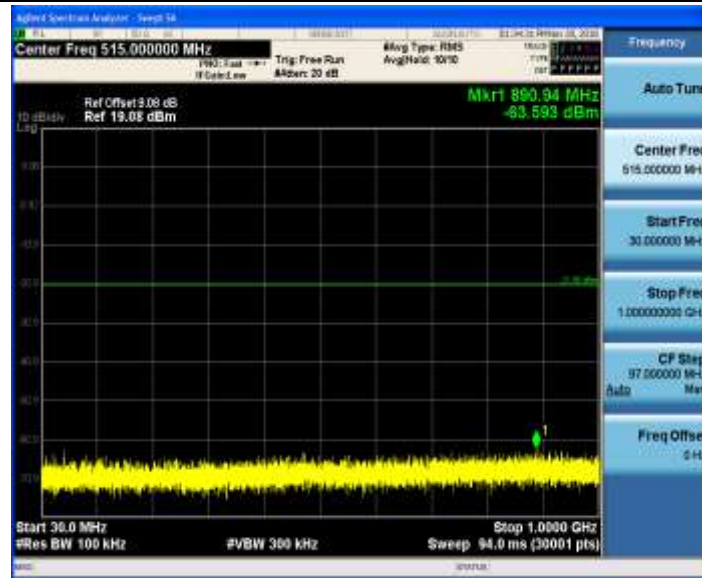
DH5_Ant1_2402_0~Reference



DH5_Ant1_2402_0.009~30



DH5_Ant1_2402_30~1000



DH5_Ant1_2402_1000~26500



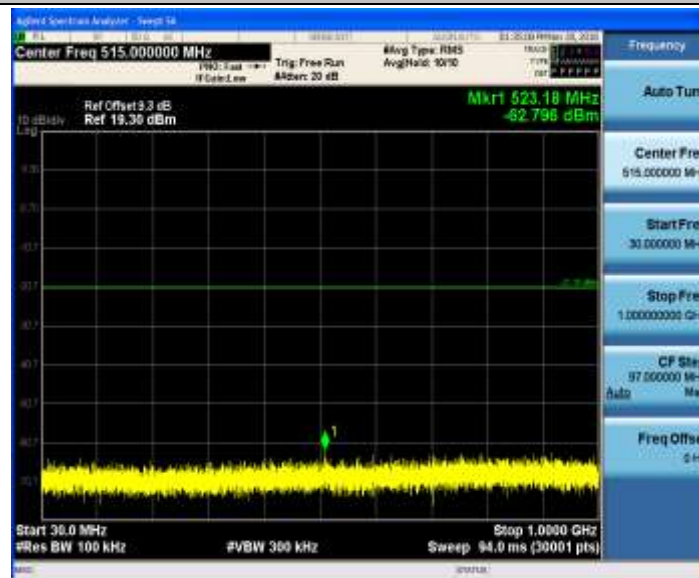
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_0.009~30



DH5_Ant1_2441_30~1000



DH5_Ant1_2441_1000~26500



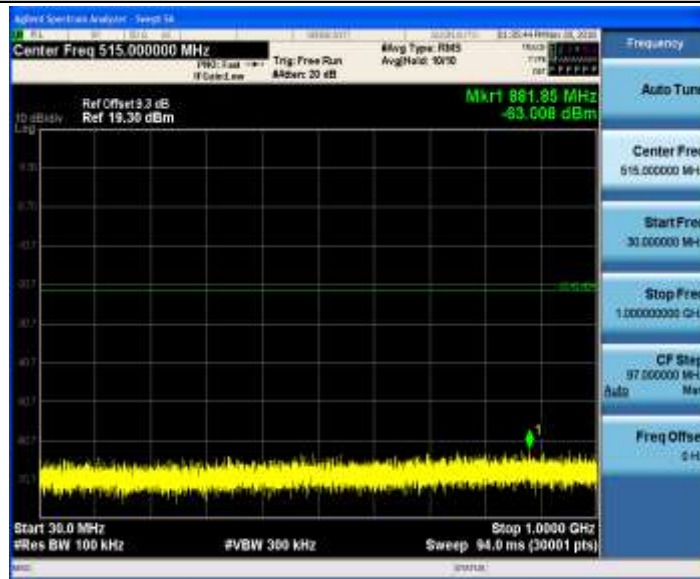
DH5_Ant1_2480_0-Reference



DH5_Ant1_2480_0.009-30



DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500



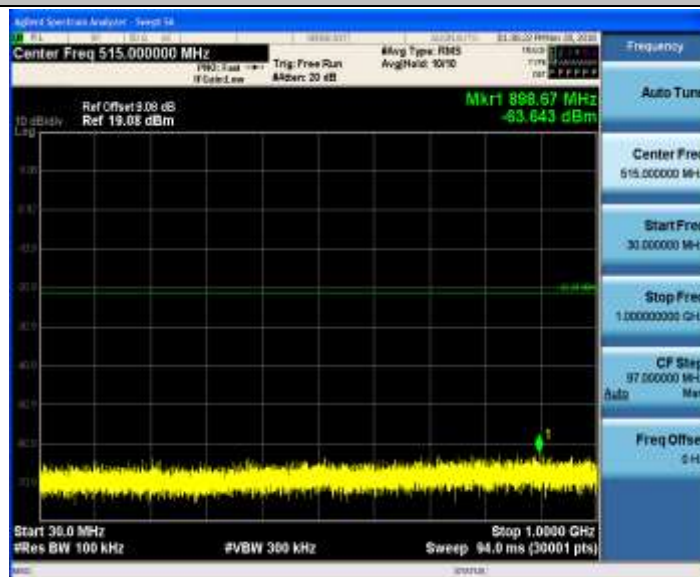
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_0.009~30



2DH5_Ant1_2402_30~1000



2DH5_Ant1_2402_1000~26500



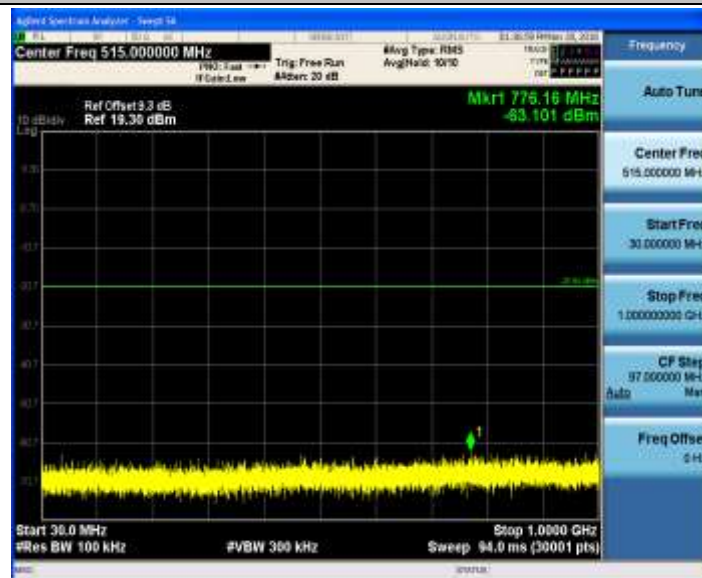
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_0.009~30



2DH5_Ant1_2441_30~1000



2DH5_Ant1_2441_1000~26500



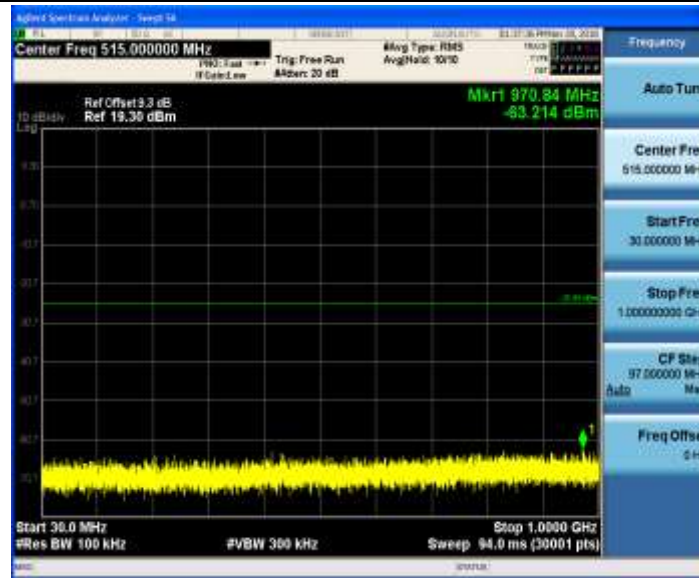
2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_0.009~30



2DH5_Ant1_2480_30~1000



2DH5_Ant1_2480_1000~26500



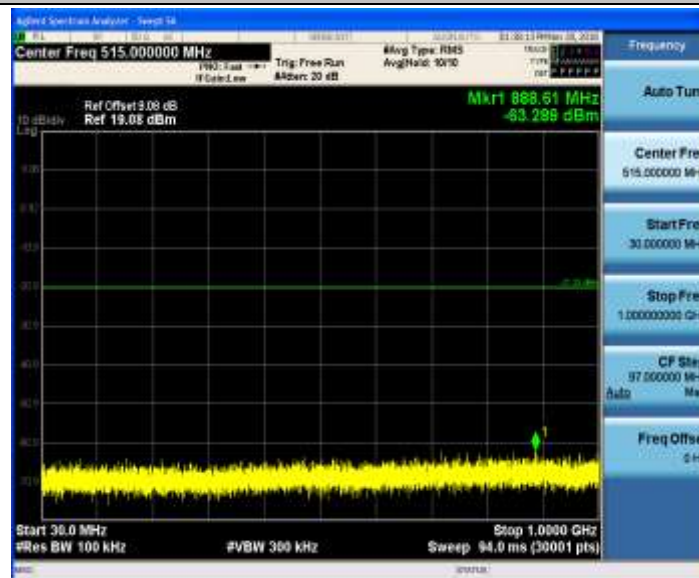
3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_0.009~30



3DH5_Ant1_2402_30~1000



3DH5_Ant1_2402_1000~26500



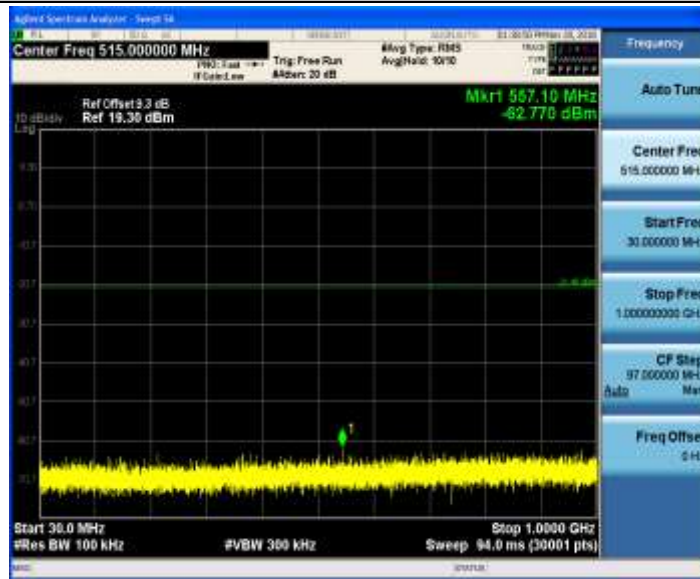
3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_0.009~30



3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500



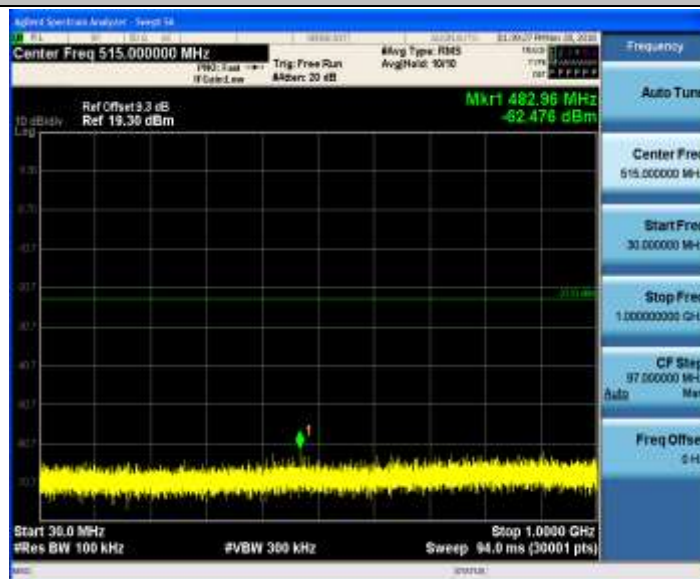
3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_0.009~30



3DH5_Ant1_2480_30~1000





3DH5_Ant1_2480_1000~26500



END