

20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.867	2401.553	2402.420	---	---
DH5	Ant1	2441	0.864	2440.553	2441.417	---	---
DH5	Ant1	2480	0.861	2479.556	2480.417	---	---
2DH5	Ant1	2402	1.305	2401.358	2402.663	---	---
2DH5	Ant1	2441	1.299	2440.361	2441.660	---	---
2DH5	Ant1	2480	1.317	2479.346	2480.663	---	---
3DH5	Ant1	2402	1.290	2401.352	2402.642	---	---
3DH5	Ant1	2441	1.317	2440.349	2441.666	---	---
3DH5	Ant1	2480	1.302	2479.349	2480.651	---	---

Test Graphs



DH5-Ant1-2402



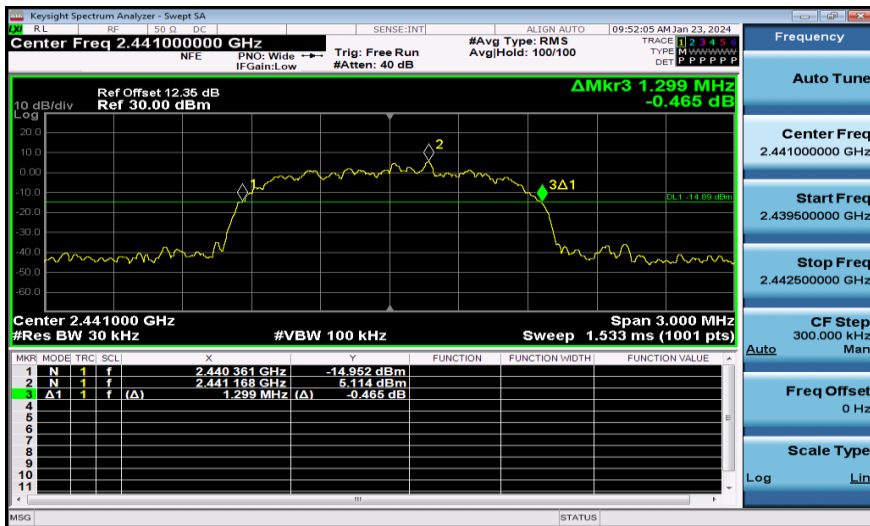
DH5-Ant1-2441



DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



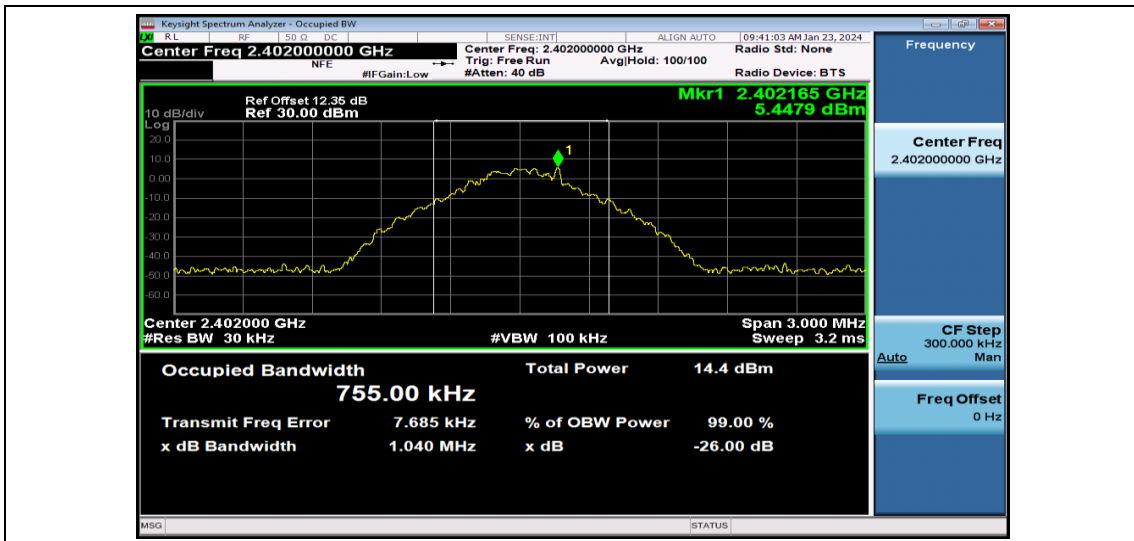
3DH5-Ant1-2480

Occupied Channel Bandwidth

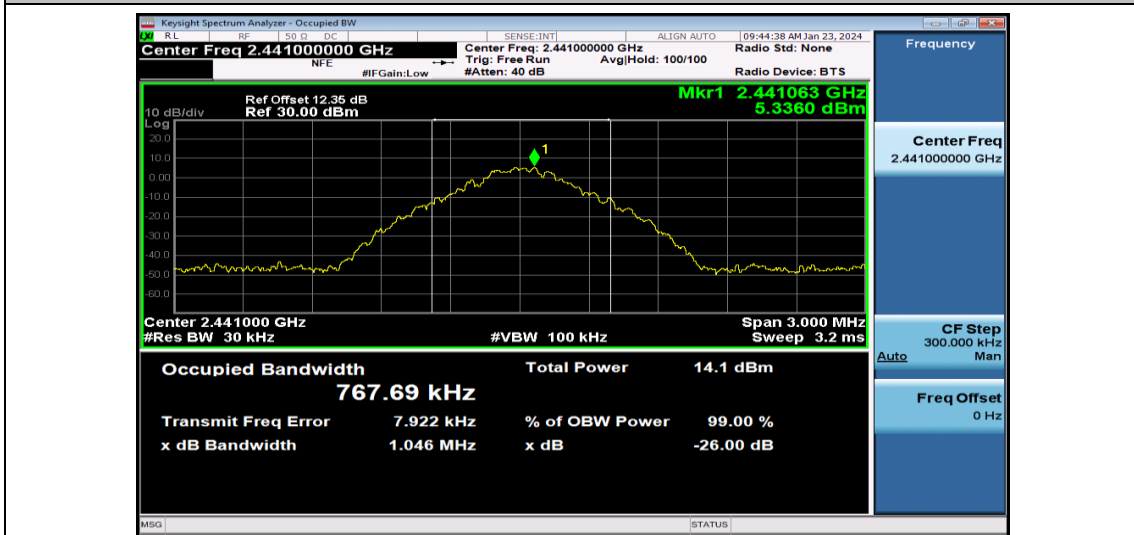
Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.75500	2401.6302	2402.3852	---	---
DH5	Ant1	2441	0.76769	2440.6241	2441.3918	---	---
DH5	Ant1	2480	0.76630	2479.6244	2480.3907	---	---
2DH5	Ant1	2402	1.1860	2401.4105	2402.5965	---	---
2DH5	Ant1	2441	1.1899	2440.4088	2441.5987	---	---
2DH5	Ant1	2480	1.1782	2479.4146	2480.5928	---	---
3DH5	Ant1	2402	1.1887	2401.4104	2402.5991	---	---
3DH5	Ant1	2441	1.1872	2440.4106	2441.5978	---	---
3DH5	Ant1	2480	1.1932	2479.4068	2480.6000	---	---

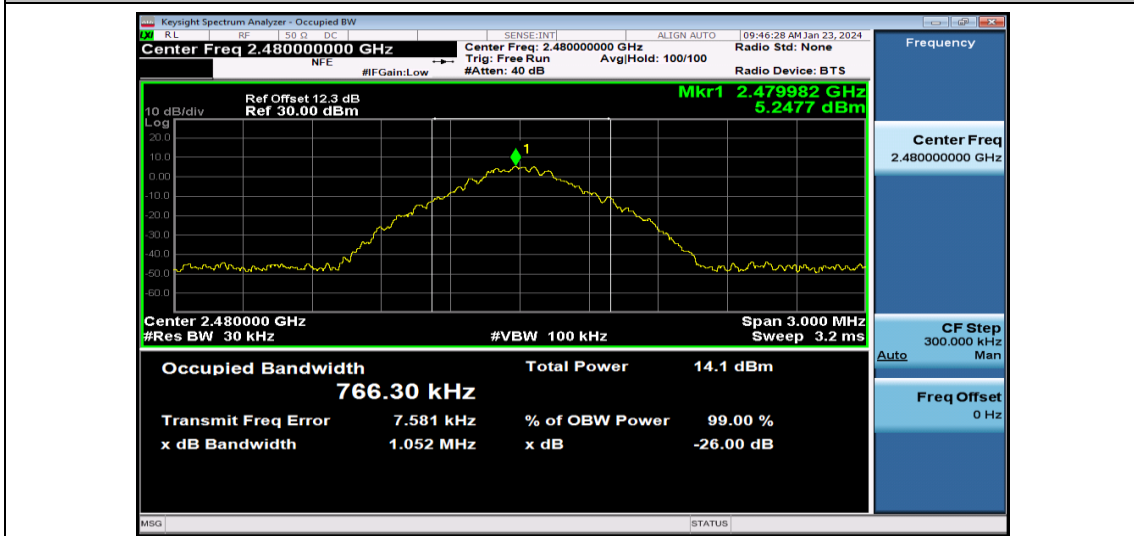
Test Graphs



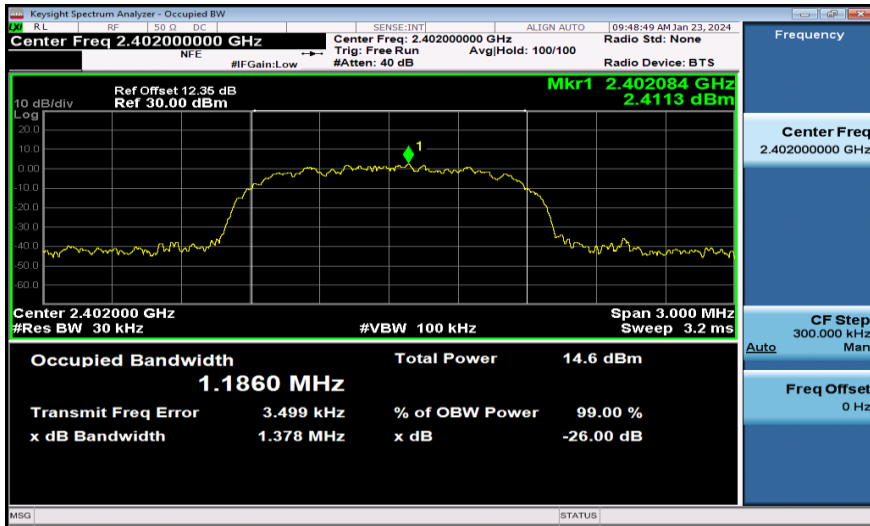
DH5-Ant1-2402



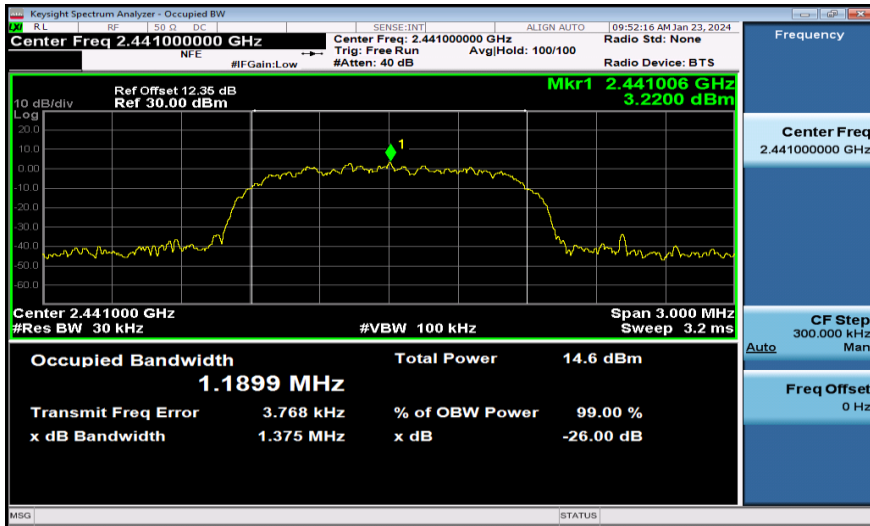
DH5-Ant1-2441



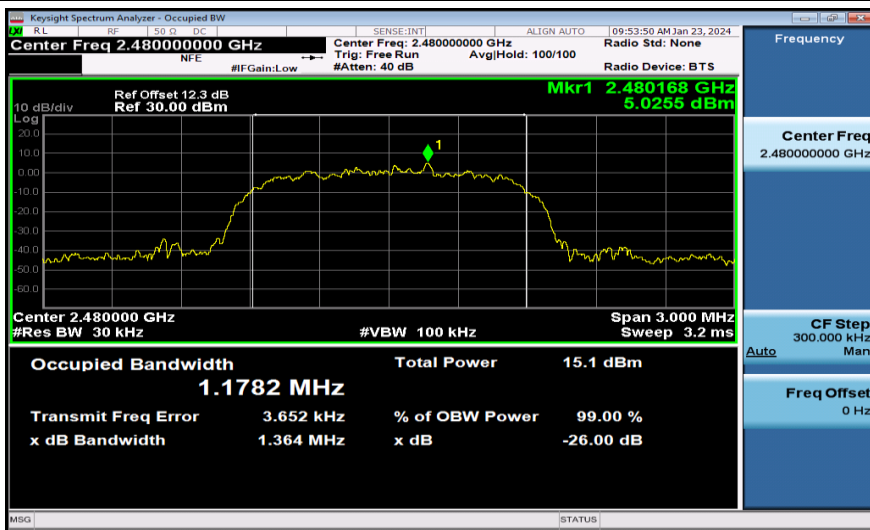
DH5-Ant1-2480



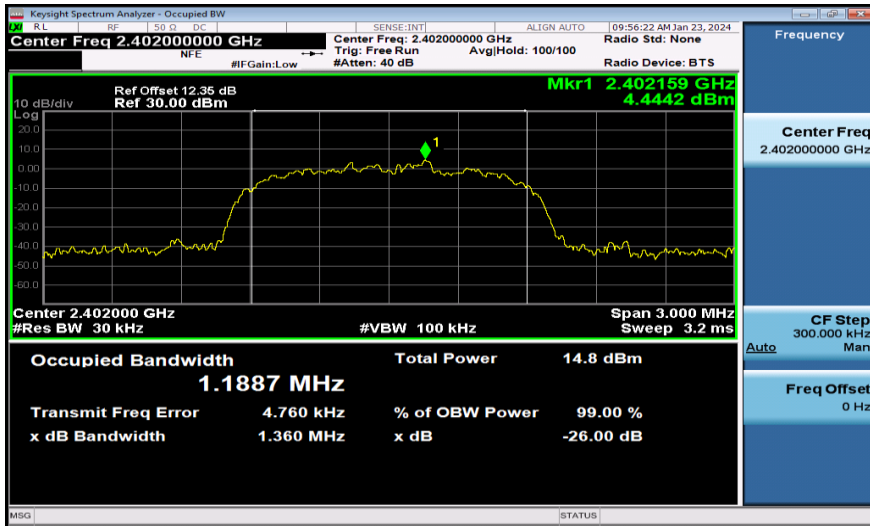
2DH5-Ant1-2402



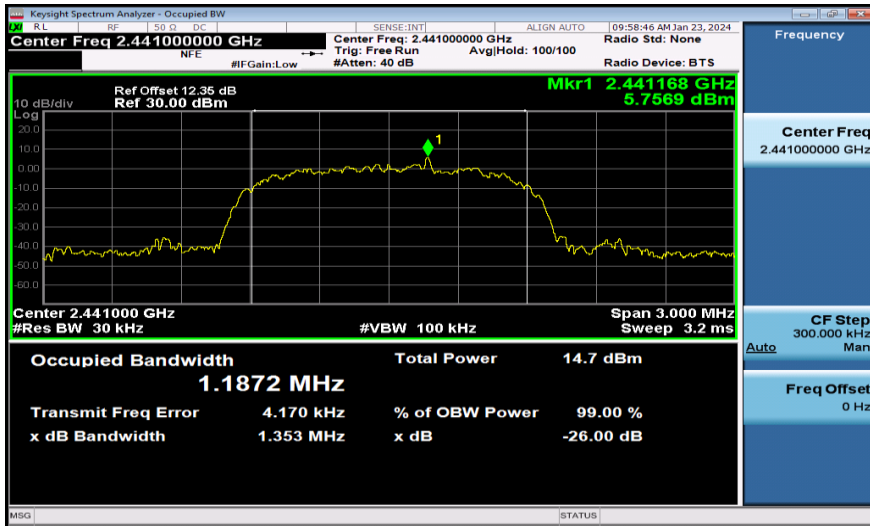
2DH5-Ant1-2441



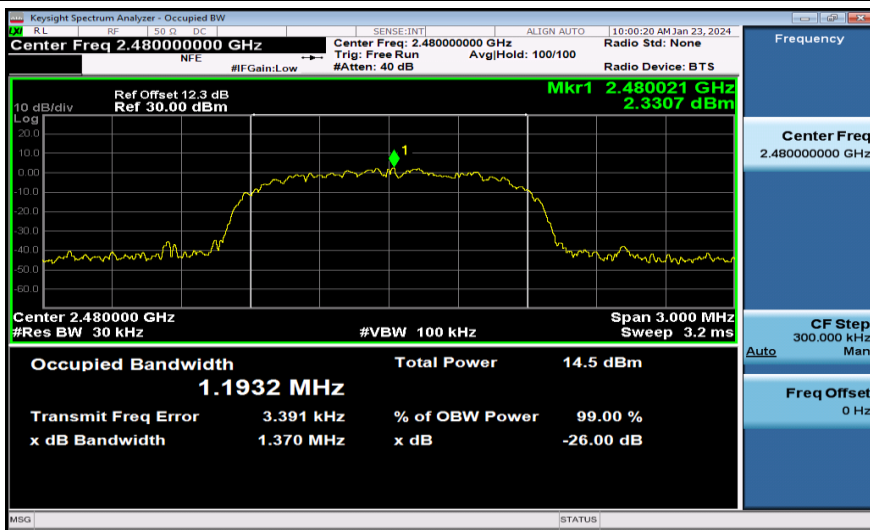
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

Maximum conducted output power

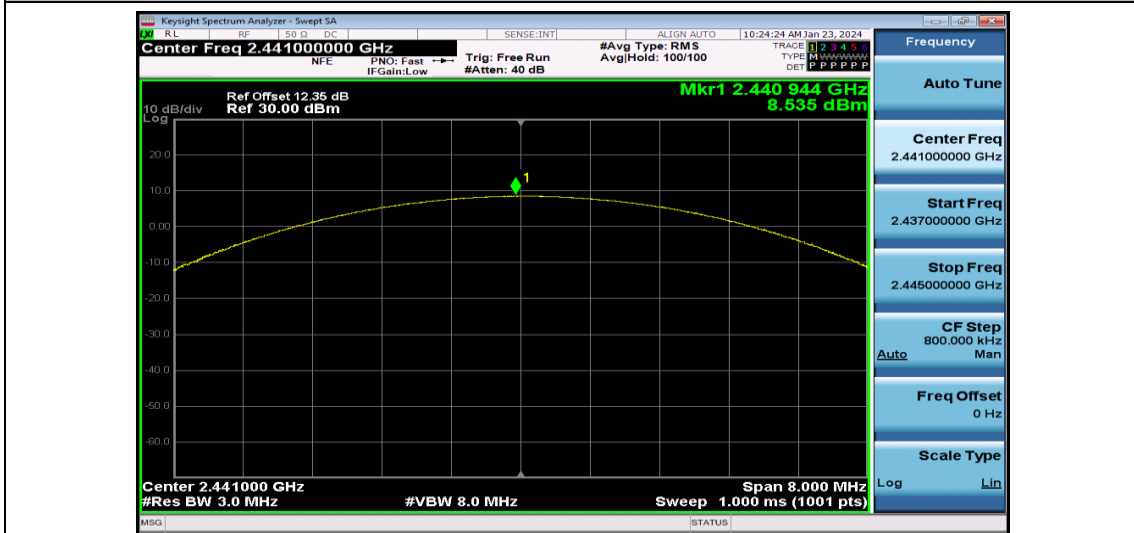
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	8.53	≤20.97	PASS
DH5	Ant1	2441	8.54	≤20.97	PASS
DH5	Ant1	2480	8.56	≤20.97	PASS
2DH5	Ant1	2402	10.81	≤20.97	PASS
2DH5	Ant1	2441	10.89	≤20.97	PASS
2DH5	Ant1	2480	10.92	≤20.97	PASS
3DH5	Ant1	2402	11.23	≤20.97	PASS
3DH5	Ant1	2441	11.28	≤20.97	PASS
3DH5	Ant1	2480	11.26	≤20.97	PASS

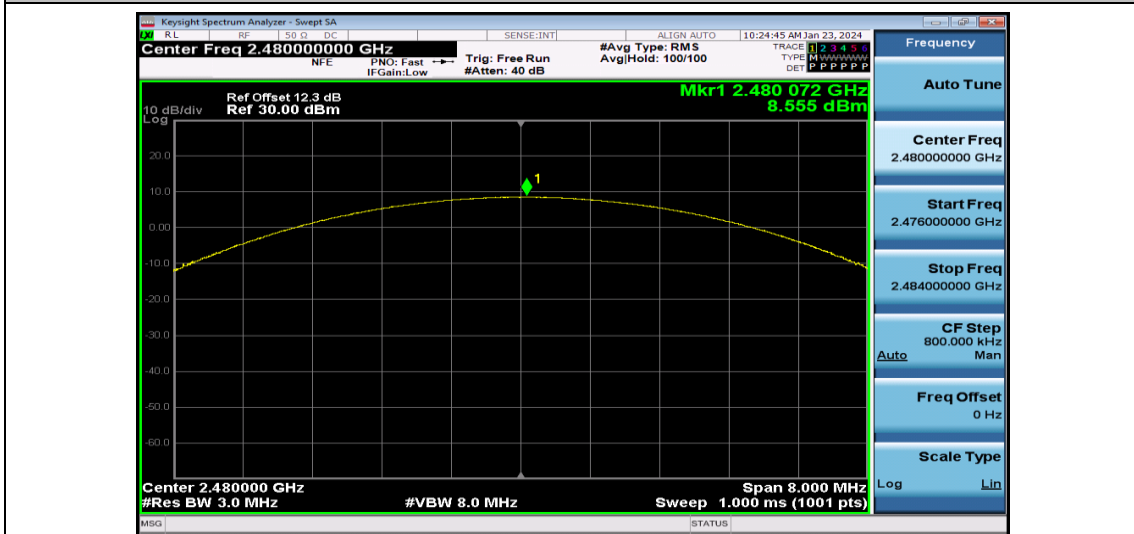
Test Graphs



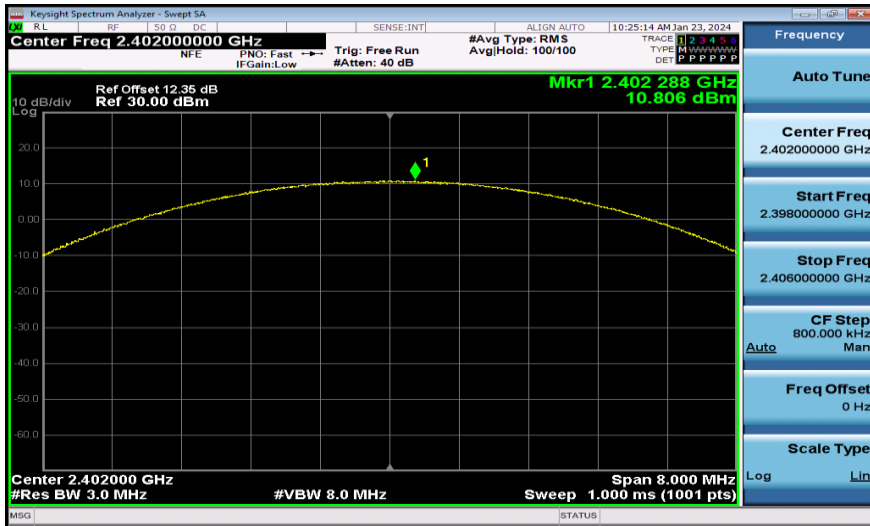
DH5-Ant1-2402-PASS



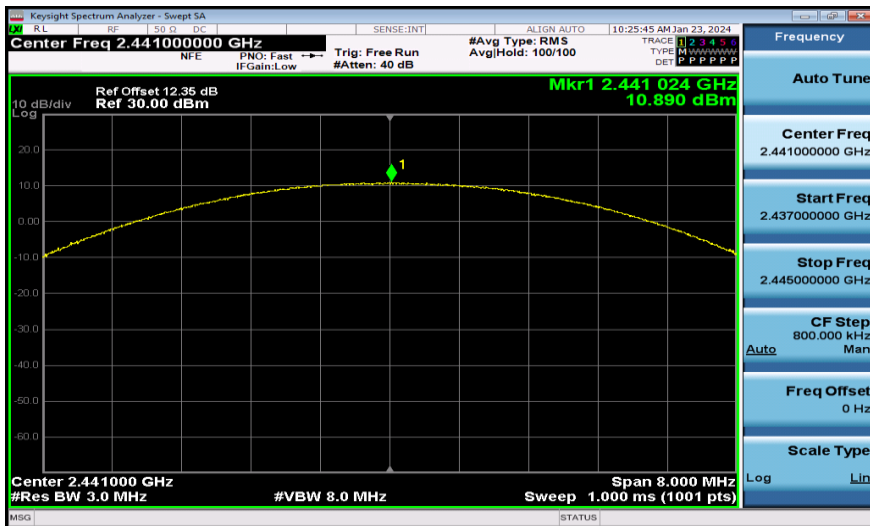
DH5-Ant1-2441-PASS



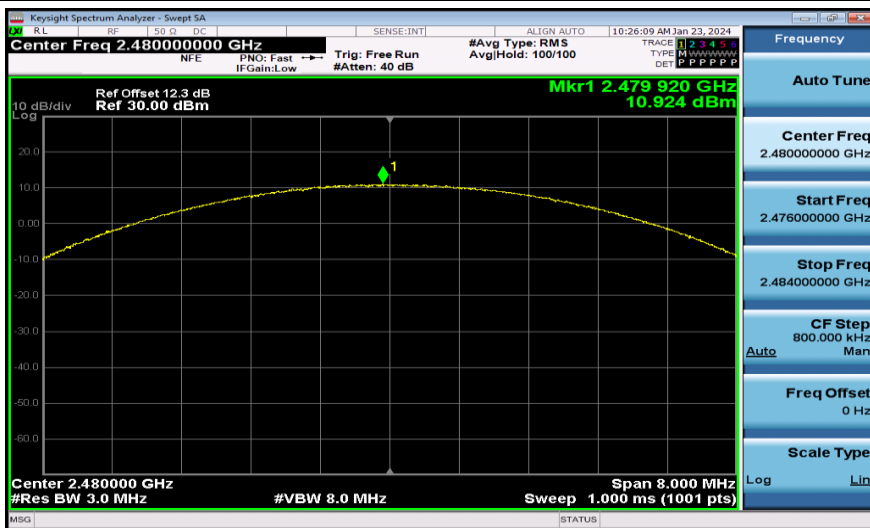
DH5-Ant1-2480-PASS



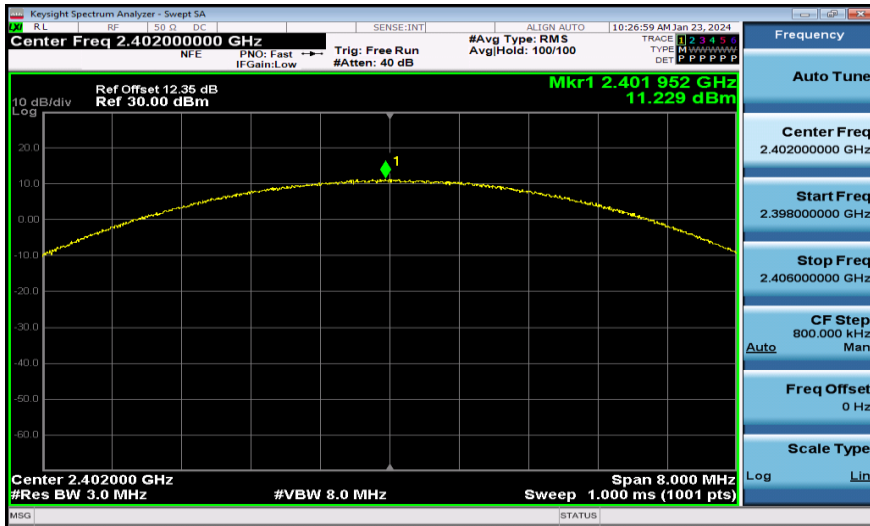
2DH5-Ant1-2402-PASS



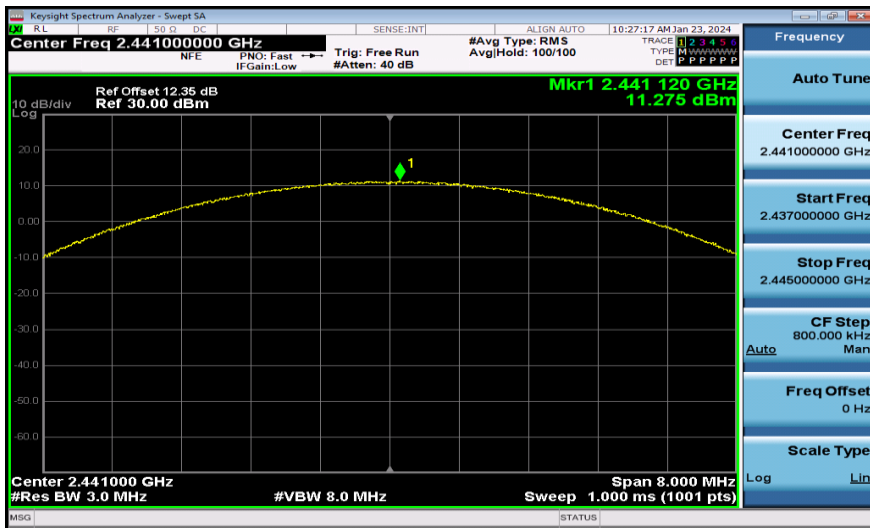
2DH5-Ant1-2441-PASS



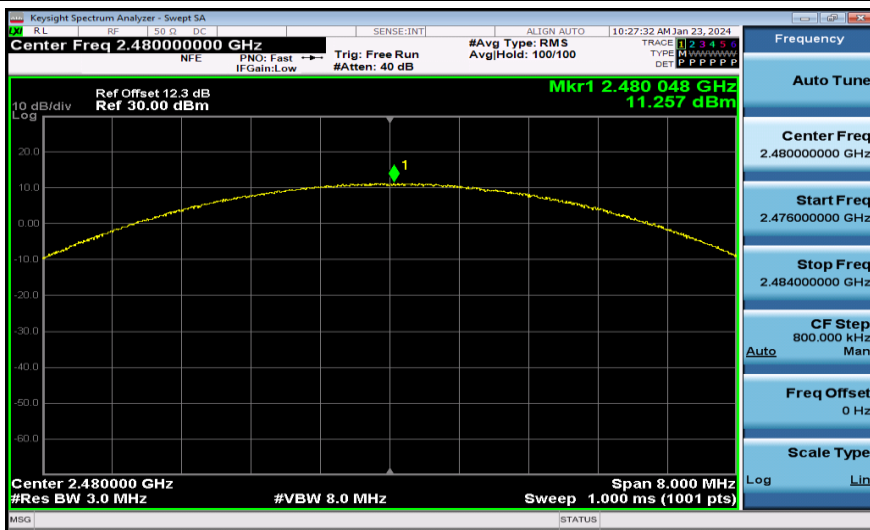
2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS



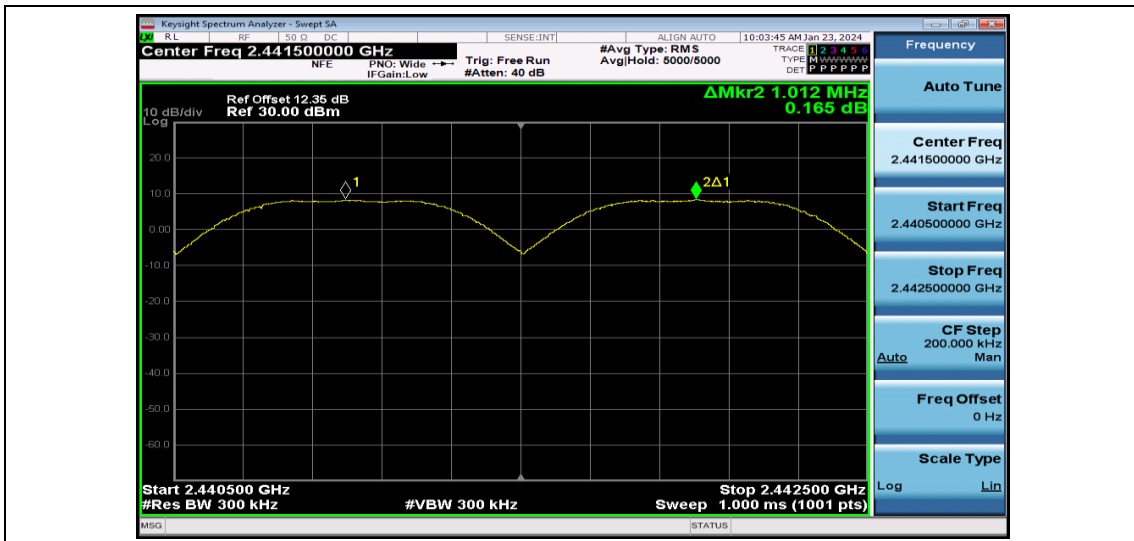
3DH5-Ant1-2480-PASS

Carrier frequency separation

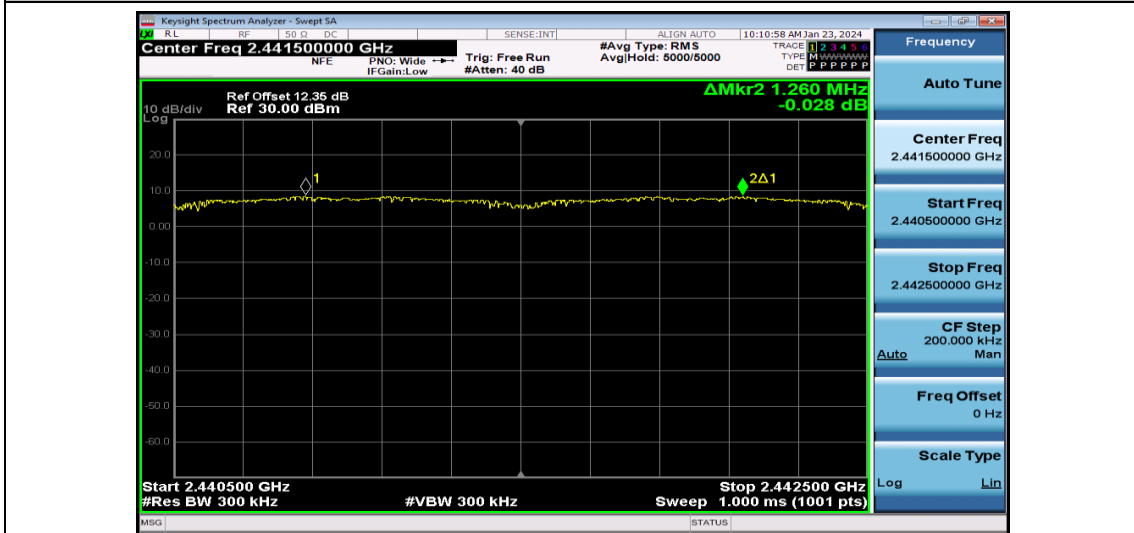
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.012	≥ 0.867	PASS
2DH5	Ant1	Hop	1.26	≥ 0.878	PASS
3DH5	Ant1	Hop	0.916	≥ 0.878	PASS

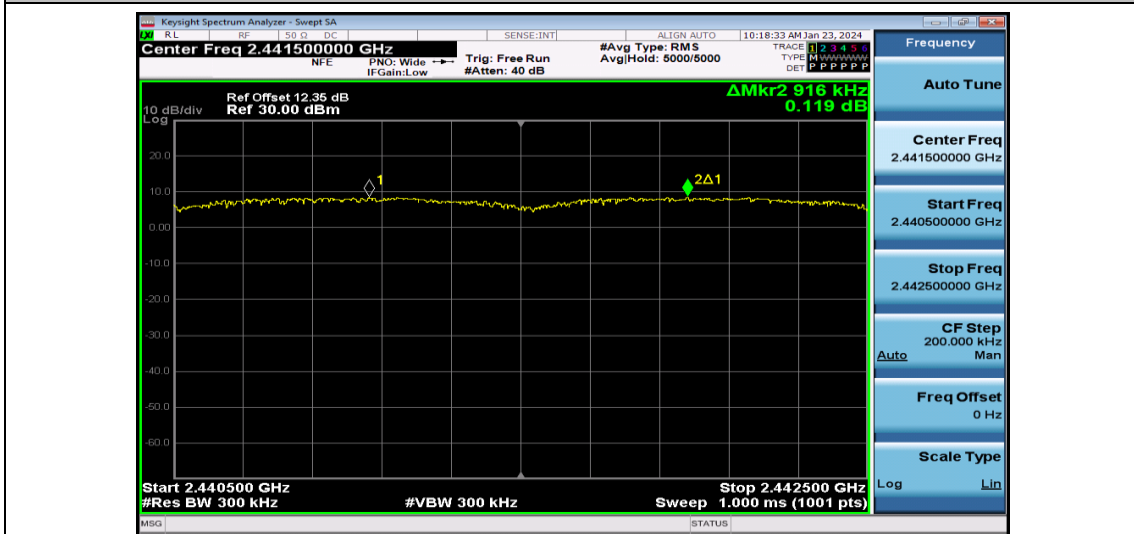
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



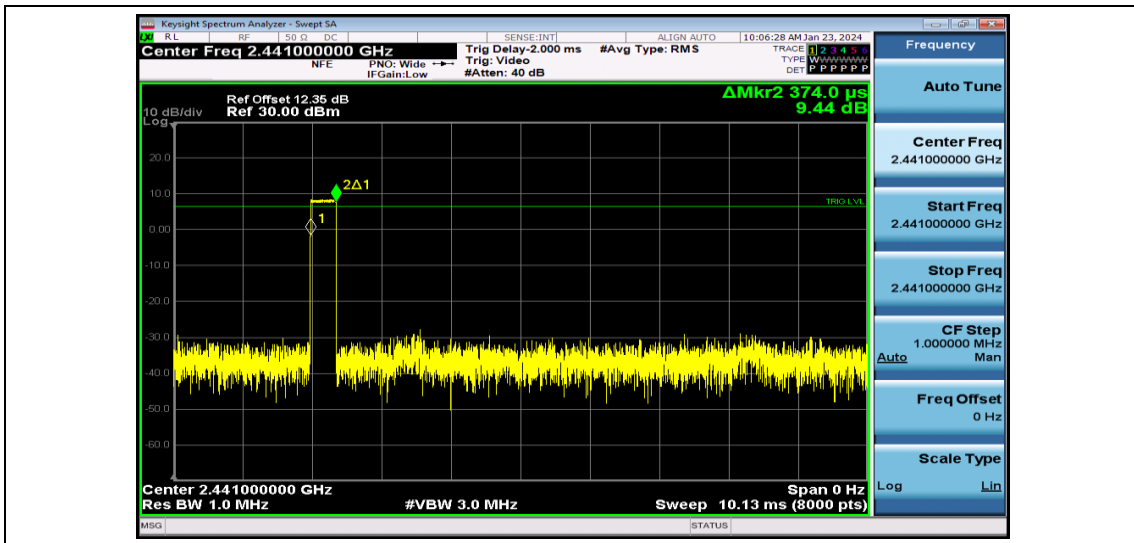
3DH5-Ant1-Hop-PASS

Time of occupancy

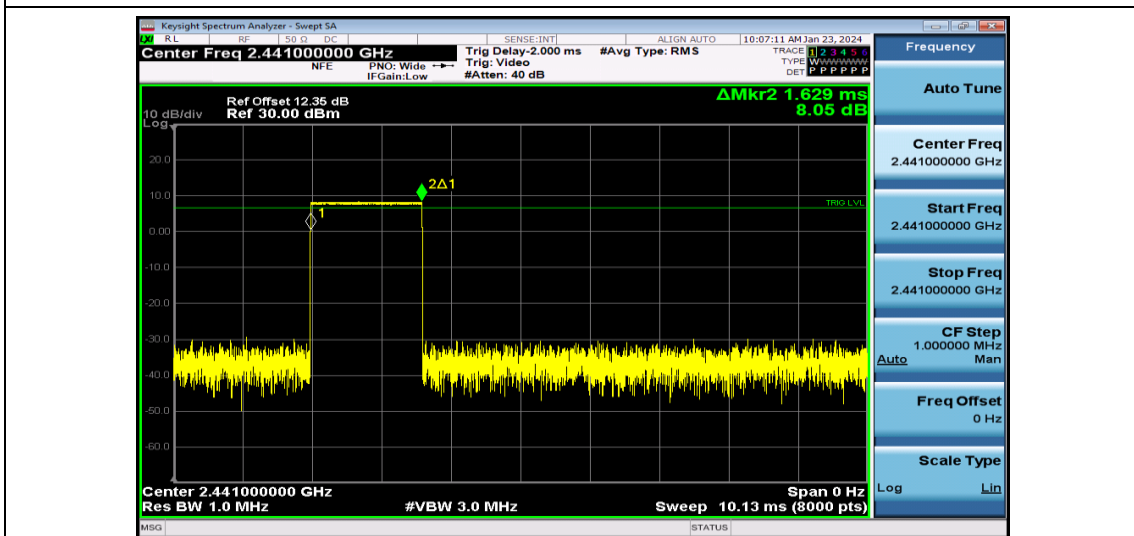
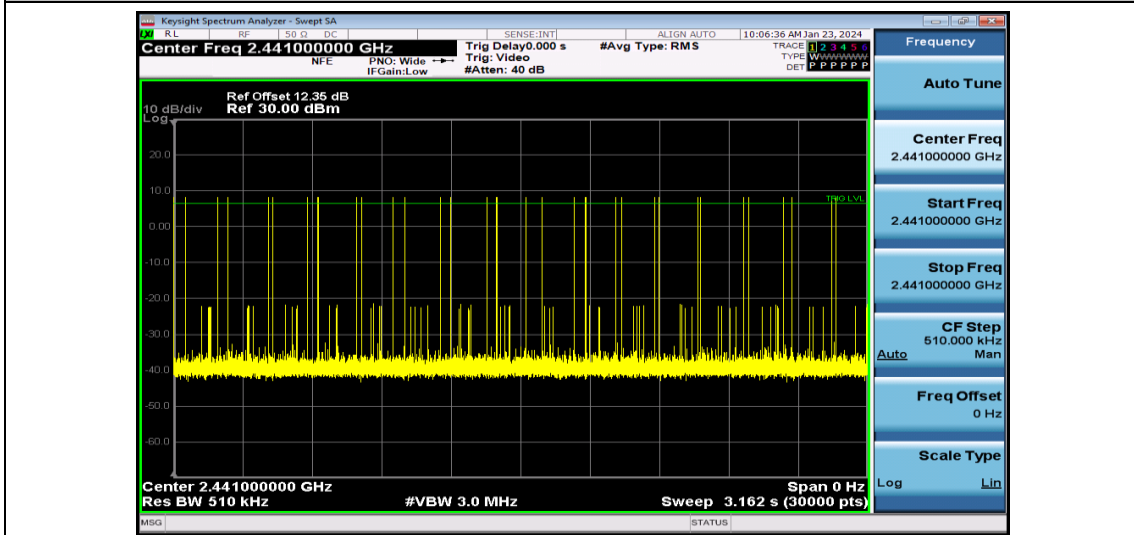
Test Result

Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.374	320	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.629	160	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.878	120	0.345	≤0.4	PASS
2DH1	Ant1	Hop	0.383	330	0.126	≤0.4	PASS
2DH3	Ant1	Hop	1.634	200	0.327	≤0.4	PASS
2DH5	Ant1	Hop	2.882	70	0.202	≤0.4	PASS
3DH1	Ant1	Hop	0.381	310	0.118	≤0.4	PASS
3DH3	Ant1	Hop	1.633	140	0.229	≤0.4	PASS
3DH5	Ant1	Hop	2.883	130	0.375	≤0.4	PASS

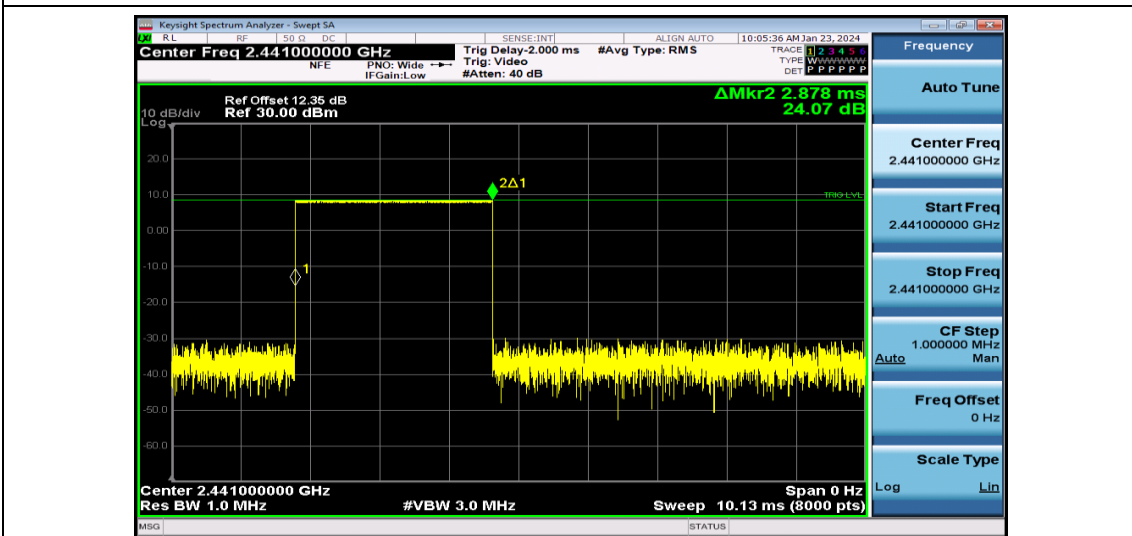
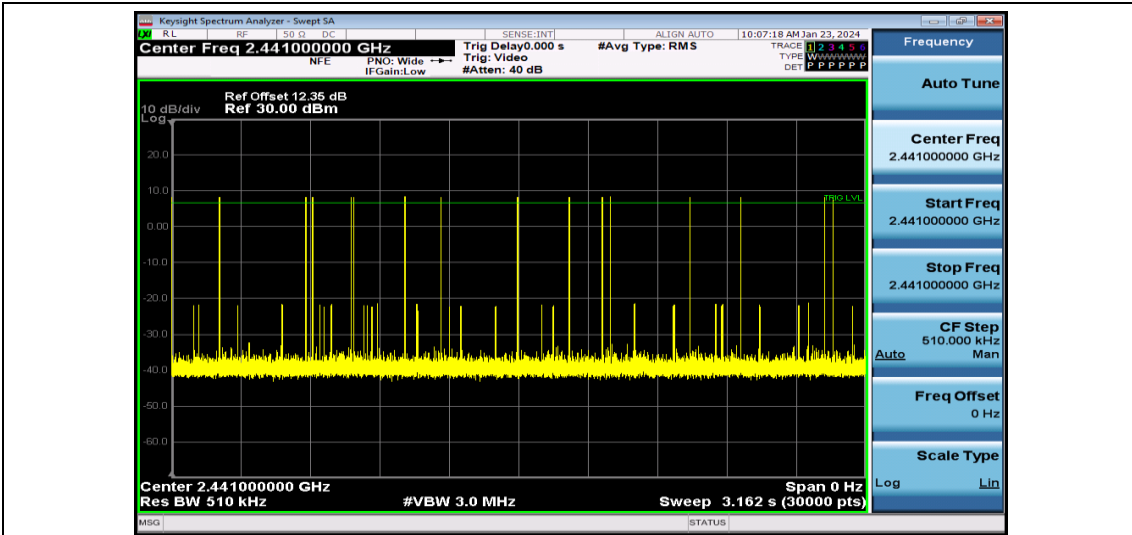
Test Graphs



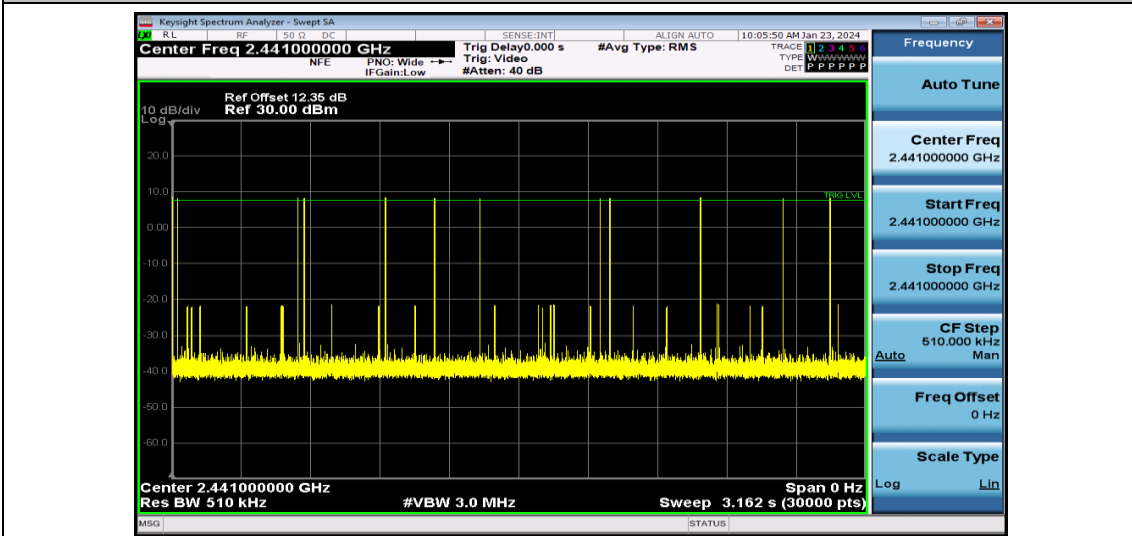
DH1-Ant1-Hop-PASS

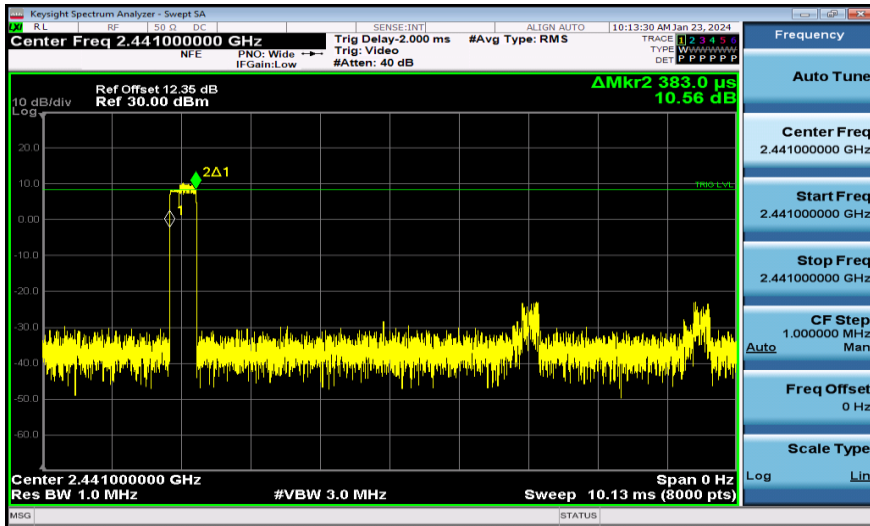


DH3-Ant1-Hop-PASS

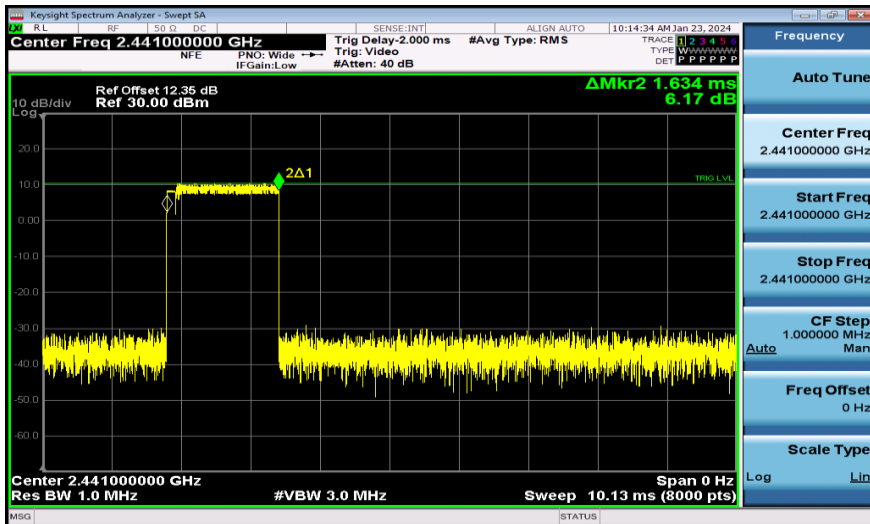
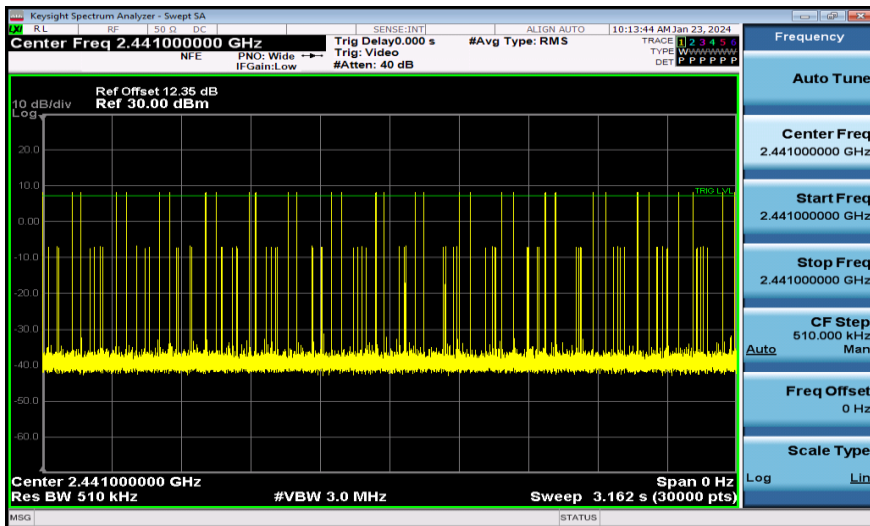


DH5-Ant1-Hop-PASS

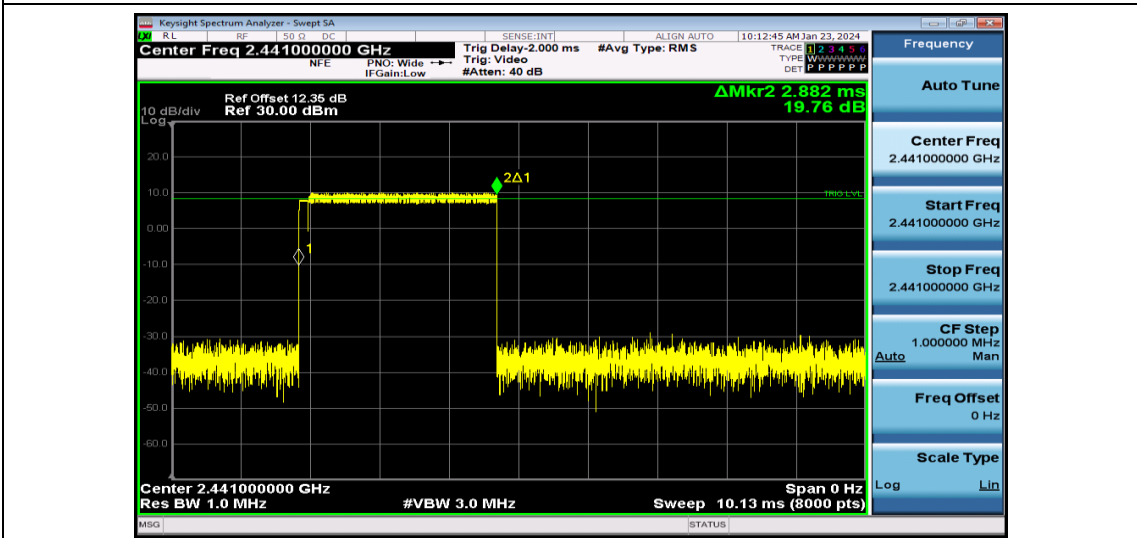
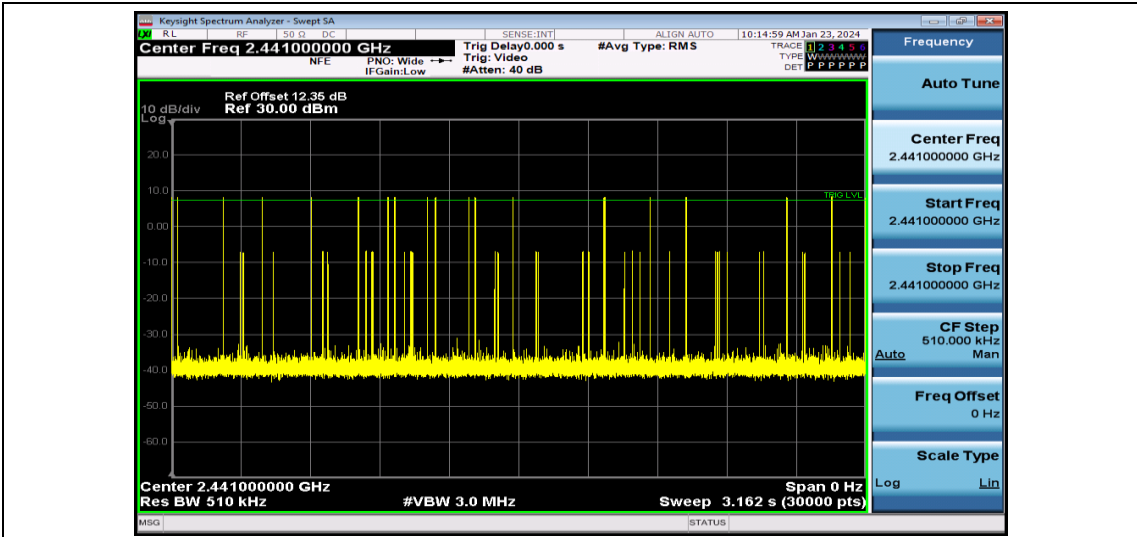




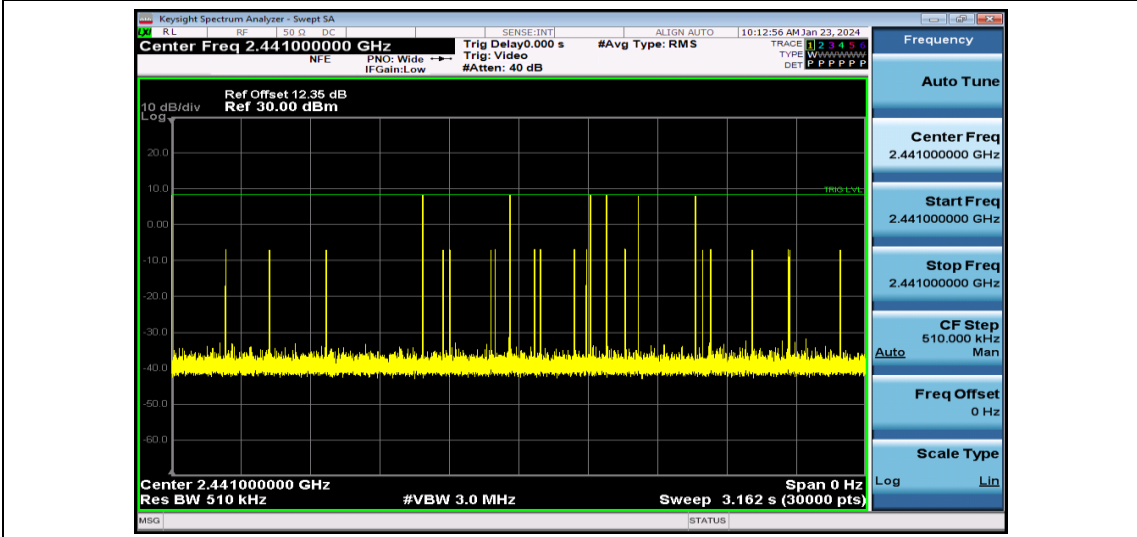
2DH1-Ant1-Hop-PASS

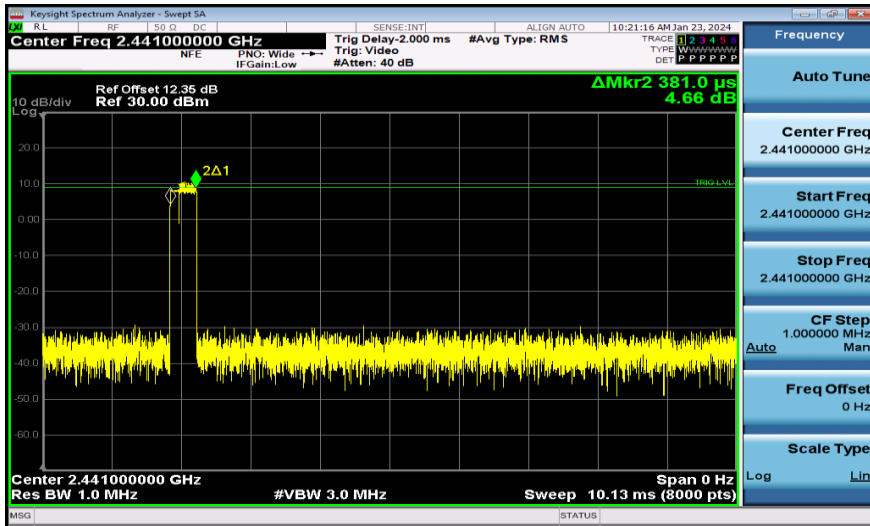


2DH3-Ant1-Hop-PASS

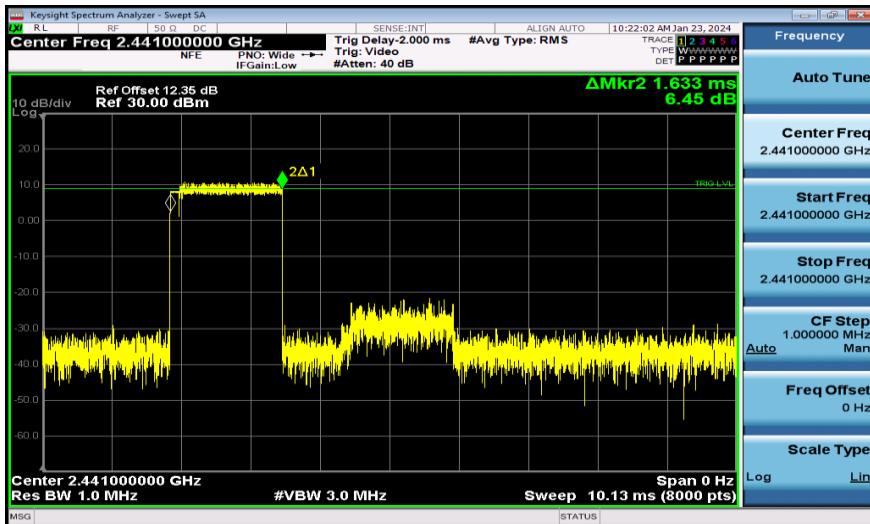
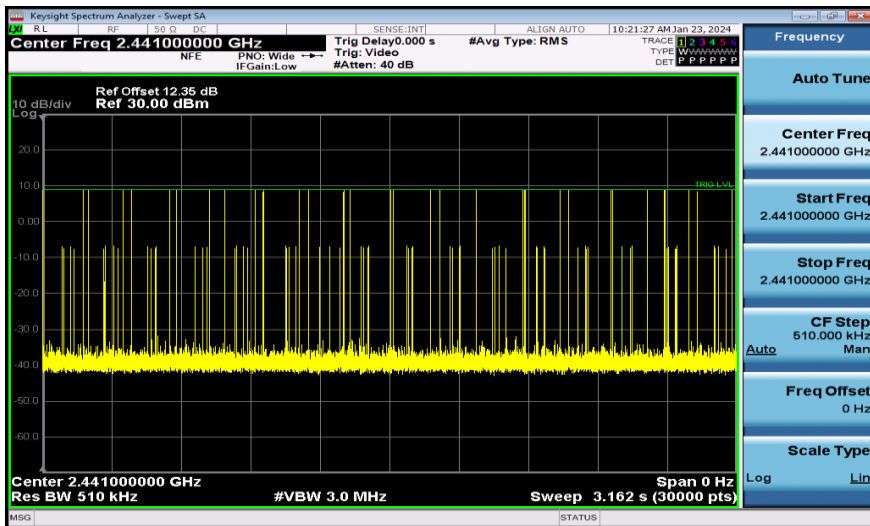


2DH5-Ant1-Hop-PASS

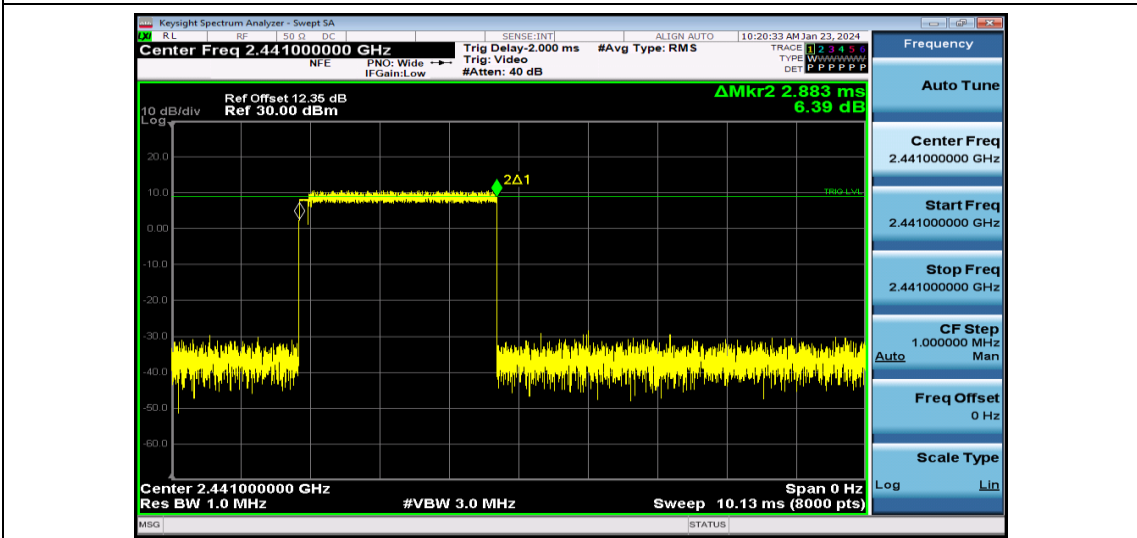
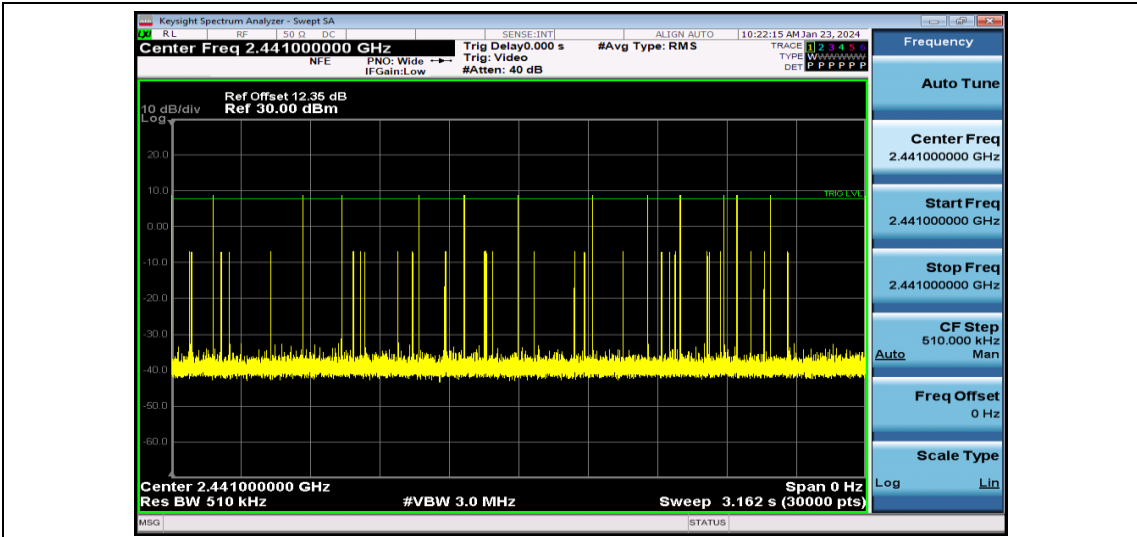




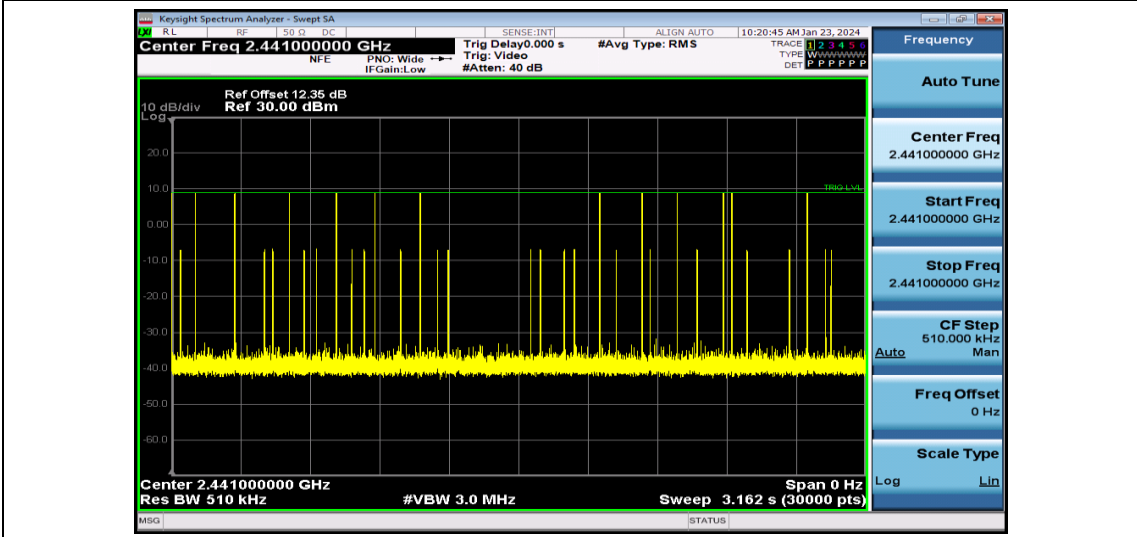
3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS

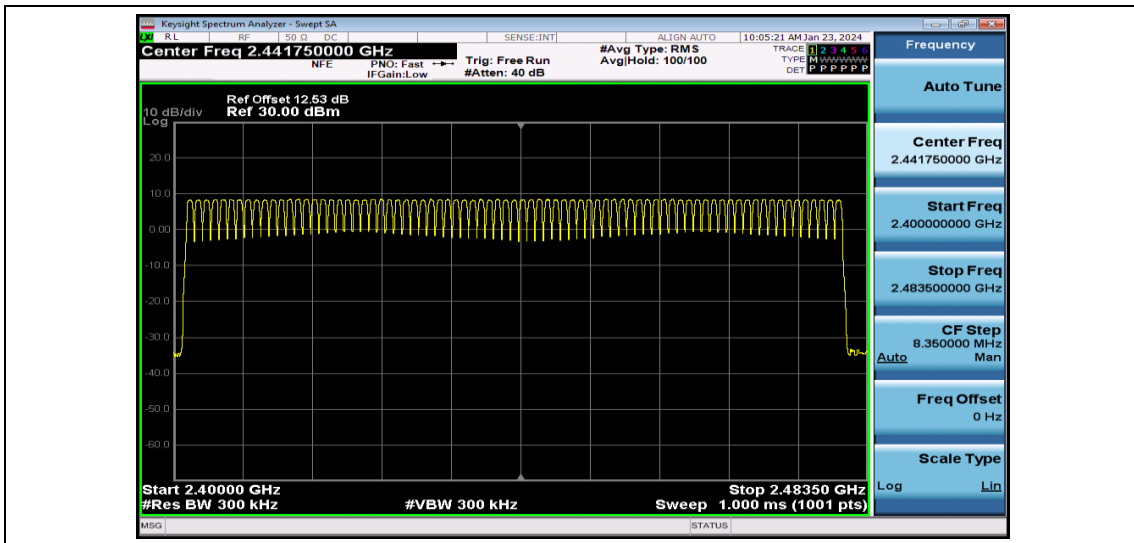


Number of hopping channels

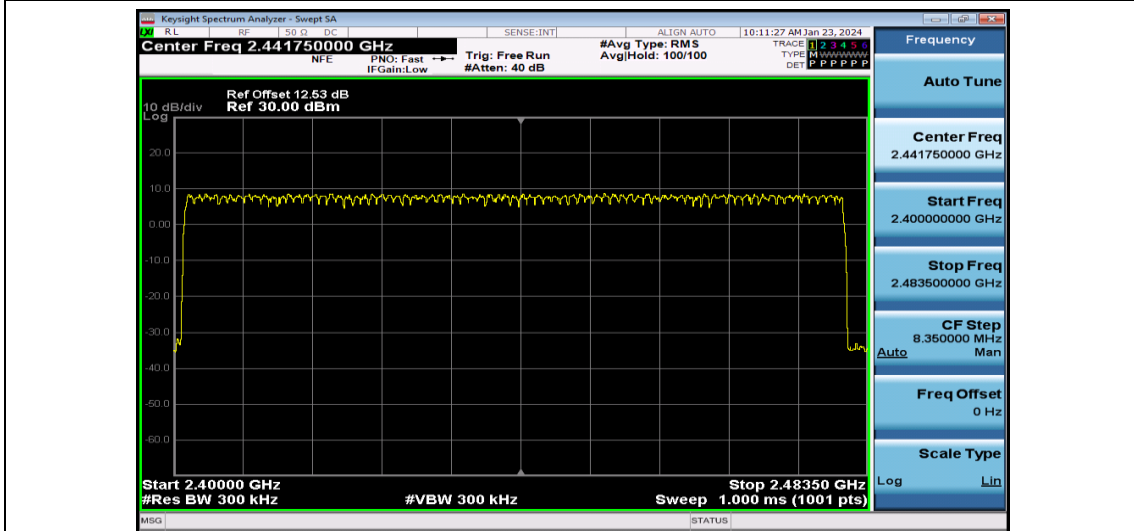
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

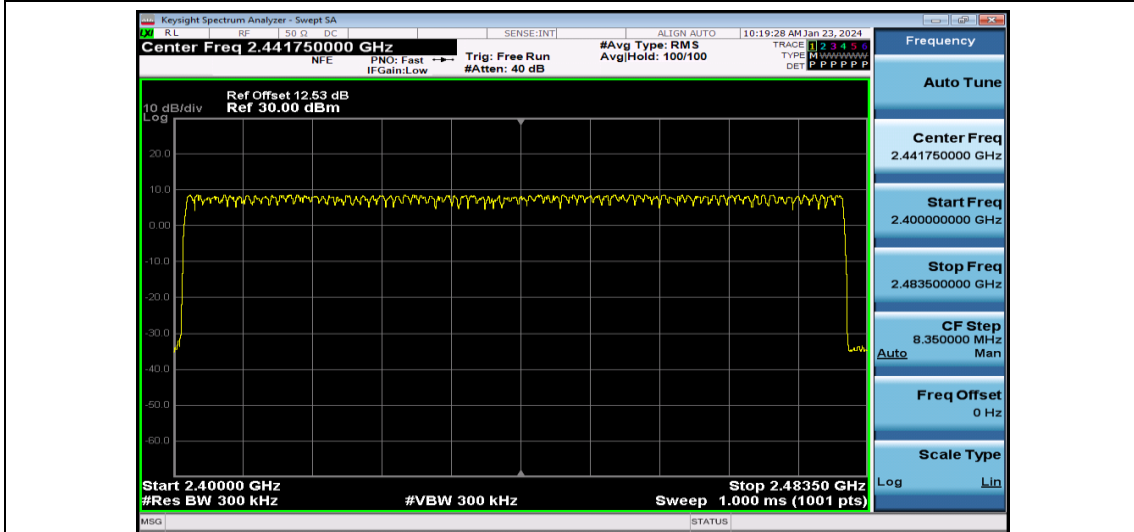
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



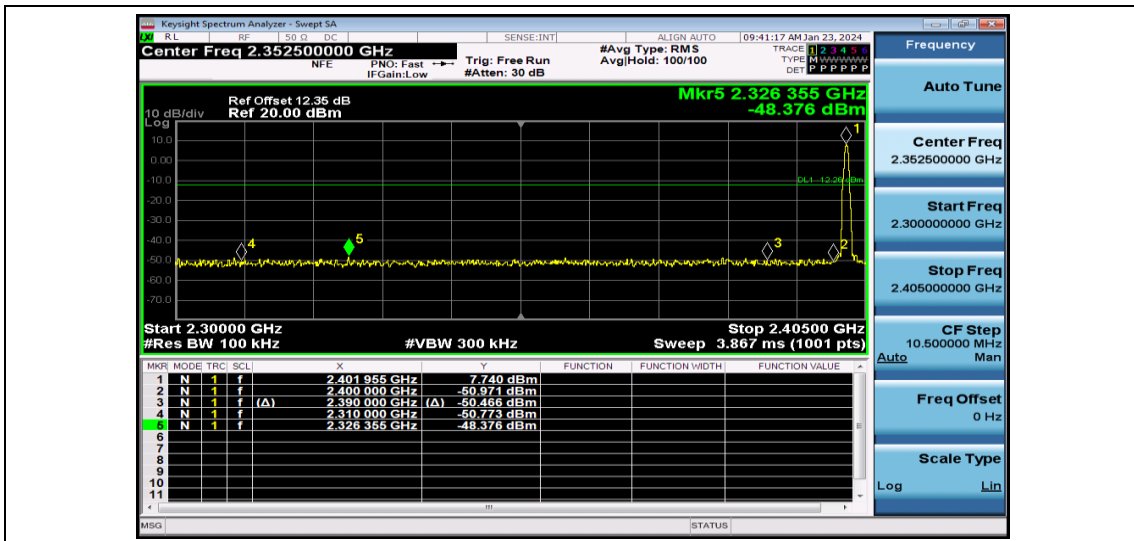
3DH5-Ant1-Hop-PASS

Band edge measurements

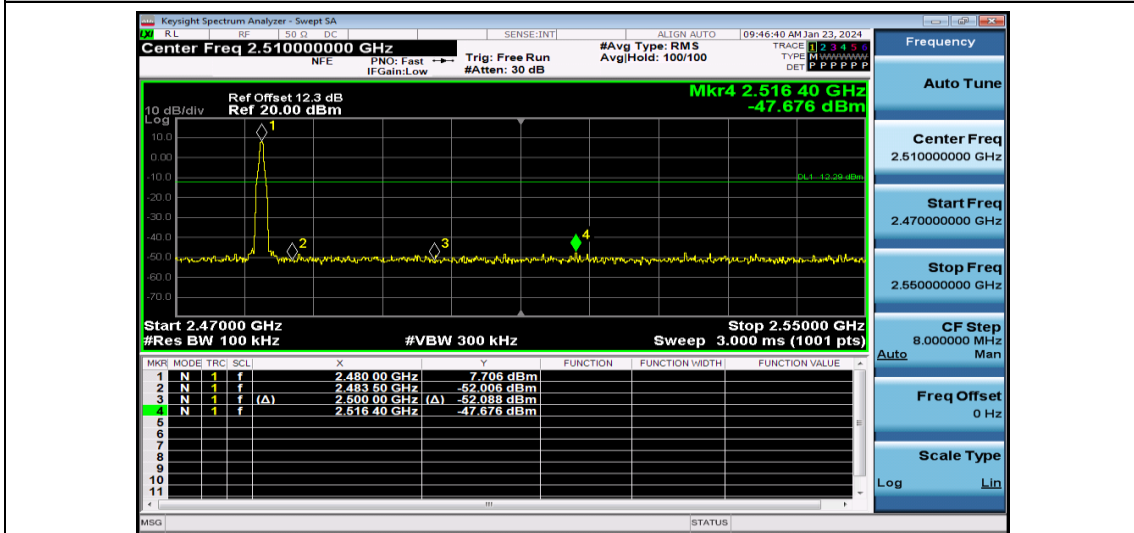
Test Result

Test Mode	Antenna	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	7.74	-48.38	≤-12.26	PASS
DH5	Ant1	2480	7.71	-47.68	≤-12.29	PASS
DH5	Ant1	Hop_2402	7.04	-48.39	≤-12.96	PASS
DH5	Ant1	Hop_2480	7.47	-47.02	≤-12.53	PASS
2DH5	Ant1	2402	7.97	-48.1	≤-12.03	PASS
2DH5	Ant1	2480	5.65	-47.93	≤-14.35	PASS
2DH5	Ant1	Hop_2402	5.36	-47.29	≤-14.64	PASS
2DH5	Ant1	Hop_2480	7.60	-46.86	≤-12.41	PASS
3DH5	Ant1	2402	6.40	-48.04	≤-13.6	PASS
3DH5	Ant1	2480	7.10	-47.96	≤-12.9	PASS
3DH5	Ant1	Hop_2402	6.00	-47.85	≤-14	PASS
3DH5	Ant1	Hop_2480	7.32	-47.3	≤-12.68	PASS

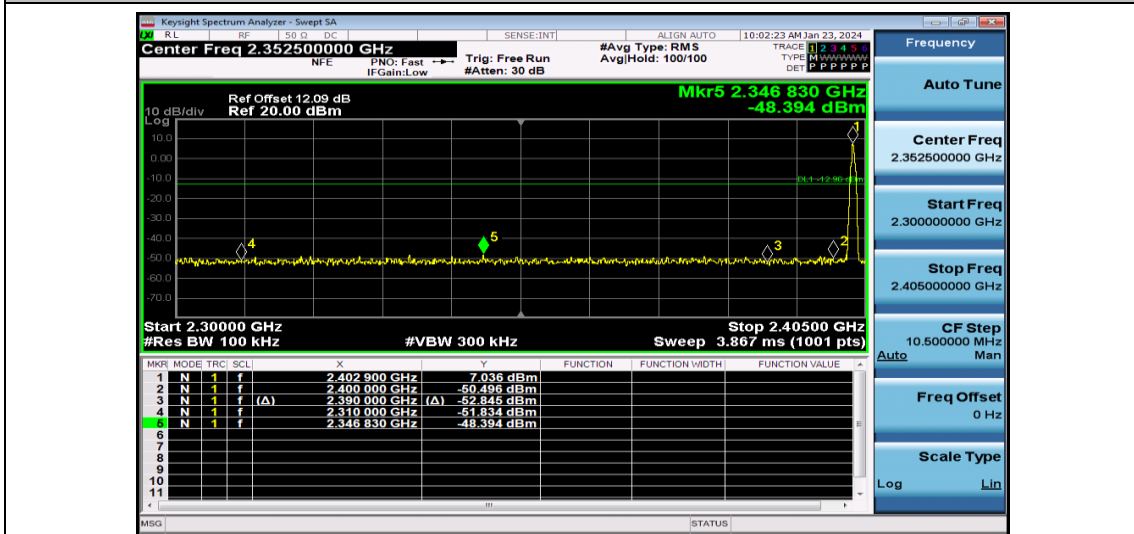
Test Graphs



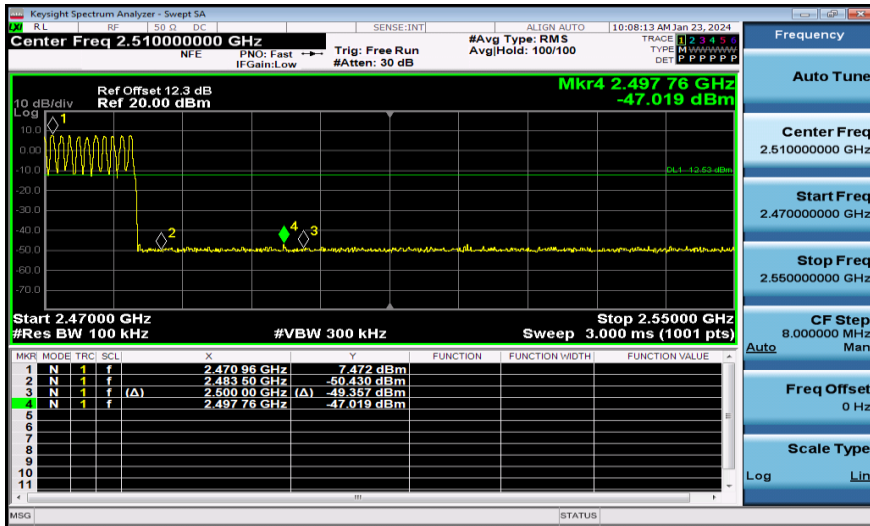
DH5-Ant1-2402-PASS



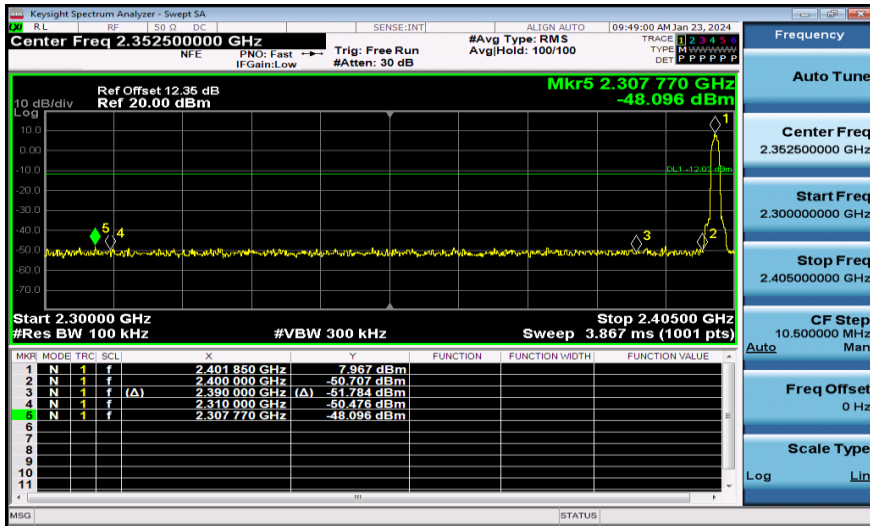
DH5-Ant1-2480-PASS



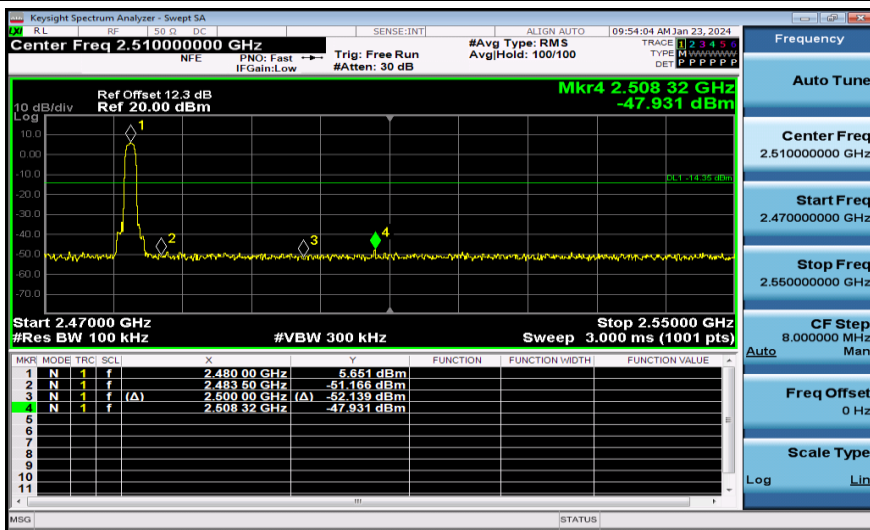
DH5-Ant1-Hop_2402-PASS



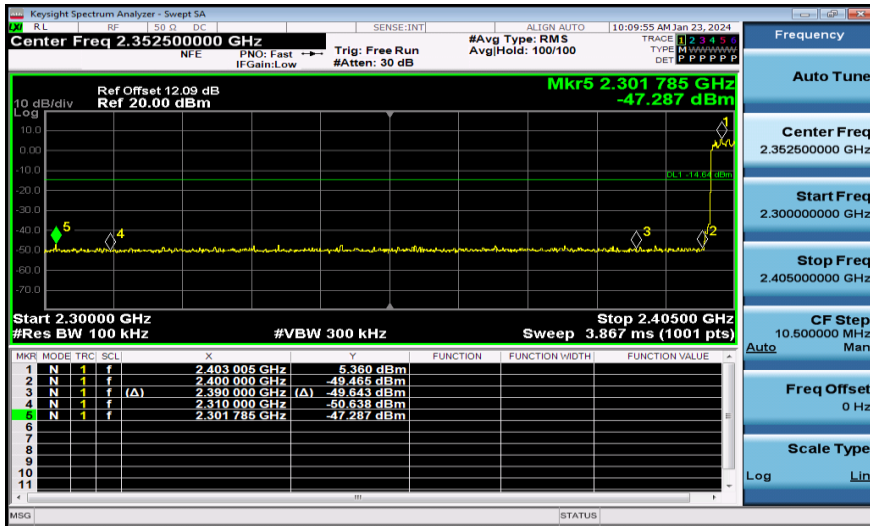
DH5-Ant1-Hop_2480-PASS



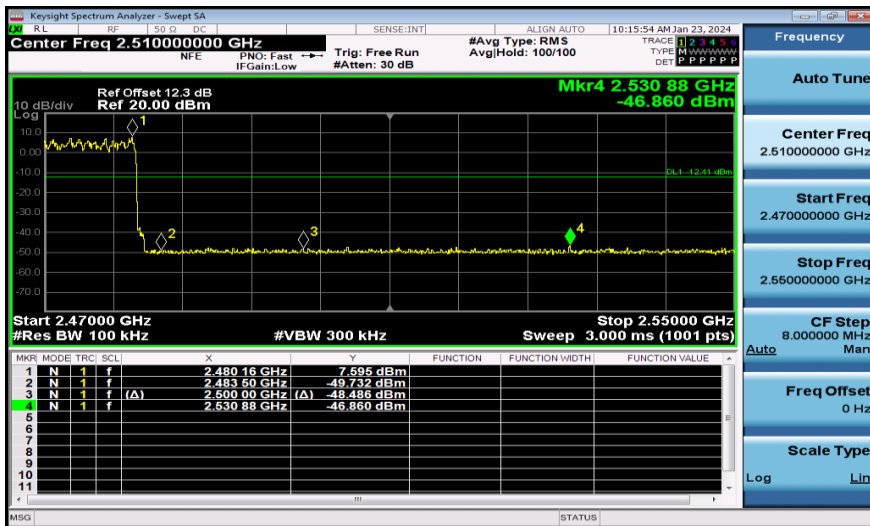
2DH5-Ant1-2402-PASS



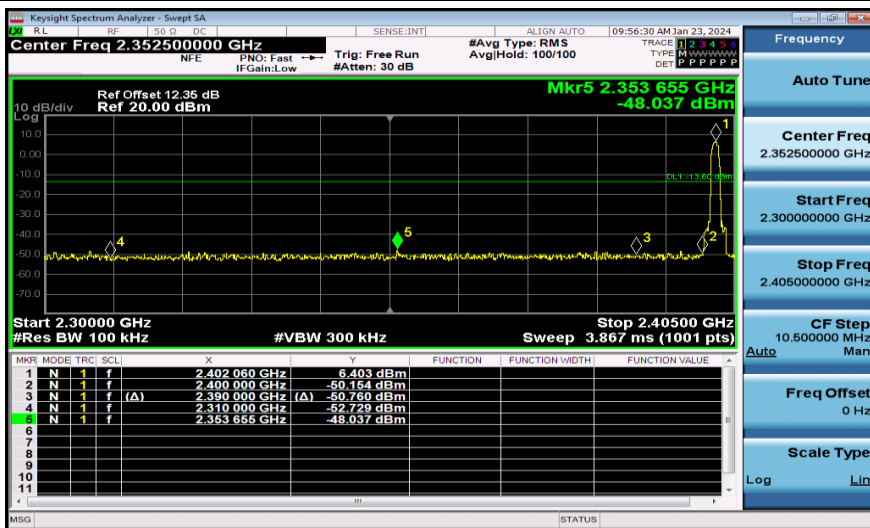
2DH5-Ant1-2480-PASS



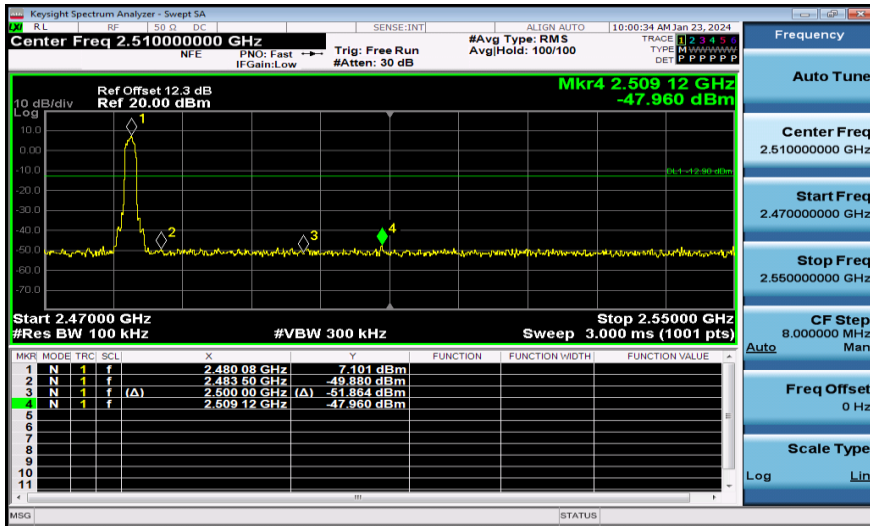
2DH5-Ant1-Hop_2402-PASS



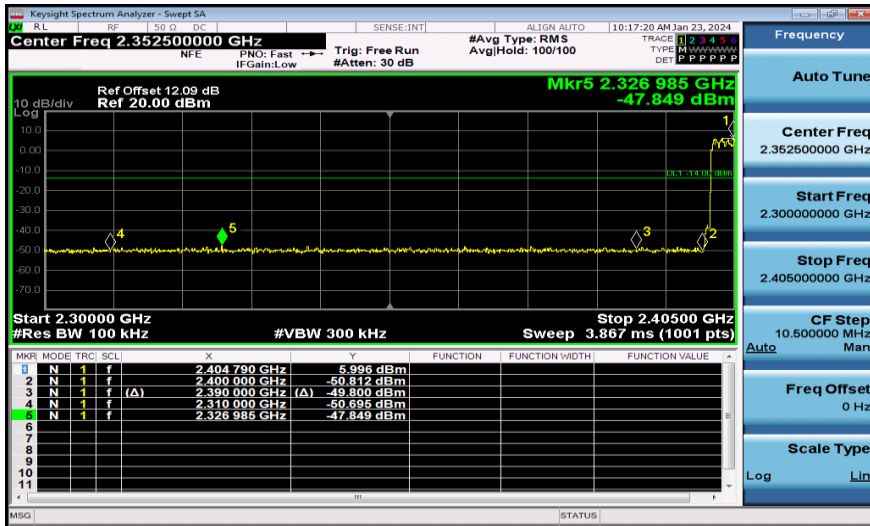
2DH5-Ant1-Hop_2480-PASS



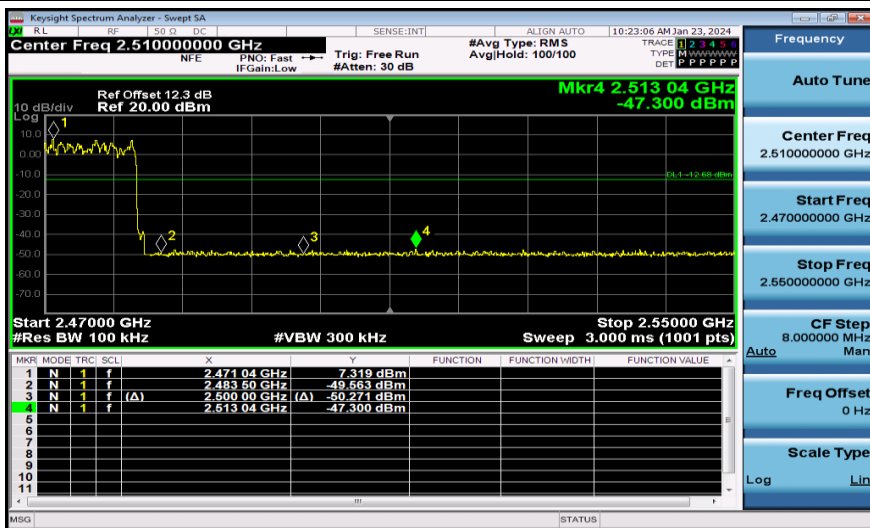
3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS

Conducted Spurious Emission

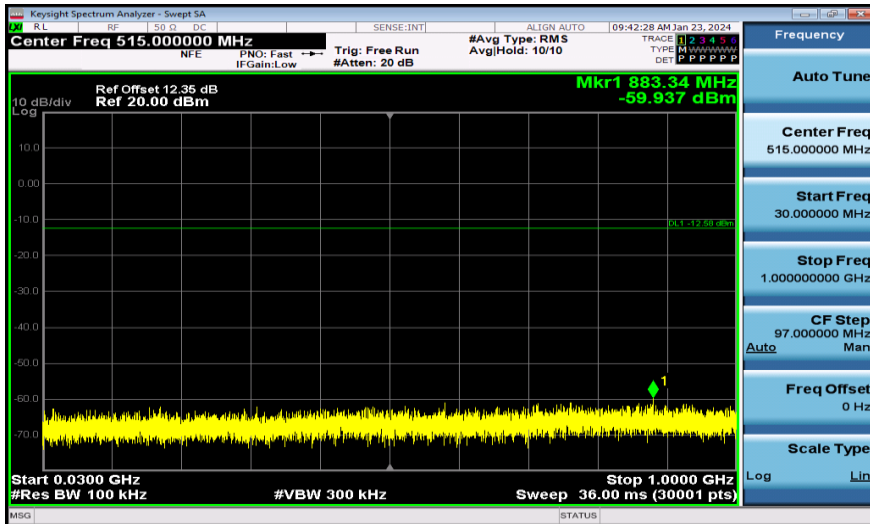
Test Result

Test Mode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	7.42	7.42	---	PASS
DH5	Ant1	2402	30~1000	7.42	-59.94	≤-12.58	PASS
DH5	Ant1	2402	1000~26500	7.42	-51.84	≤-12.58	PASS
DH5	Ant1	2441	0~Reference	7.90	7.90	---	PASS
DH5	Ant1	2441	30~1000	7.90	-60.25	≤-12.1	PASS
DH5	Ant1	2441	1000~26500	7.90	-51.23	≤-12.1	PASS
DH5	Ant1	2480	0~Reference	7.46	7.46	---	PASS
DH5	Ant1	2480	30~1000	7.46	-60.96	≤-12.54	PASS
DH5	Ant1	2480	1000~26500	7.46	-51.07	≤-12.54	PASS
2DH5	Ant1	2402	0~Reference	6.79	6.79	---	PASS
2DH5	Ant1	2402	30~1000	6.79	-59.67	≤-13.21	PASS
2DH5	Ant1	2402	1000~26500	6.79	-51.24	≤-13.21	PASS
2DH5	Ant1	2441	0~Reference	8.28	8.28	---	PASS
2DH5	Ant1	2441	30~1000	8.28	-60.2	≤-11.72	PASS
2DH5	Ant1	2441	1000~26500	8.28	-51.62	≤-11.72	PASS
2DH5	Ant1	2480	0~Reference	6.32	6.32	---	PASS
2DH5	Ant1	2480	30~1000	6.32	-60.4	≤-13.68	PASS
2DH5	Ant1	2480	1000~26500	6.32	-52.13	≤-13.68	PASS
3DH5	Ant1	2402	0~Reference	6.36	6.36	---	PASS
3DH5	Ant1	2402	30~1000	6.36	-60.32	≤-13.64	PASS
3DH5	Ant1	2402	1000~26500	6.36	-51.25	≤-13.64	PASS
3DH5	Ant1	2441	0~Reference	6.61	6.61	---	PASS
3DH5	Ant1	2441	30~1000	6.61	-60.48	≤-13.39	PASS
3DH5	Ant1	2441	1000~26500	6.61	-51.88	≤-13.39	PASS
3DH5	Ant1	2480	0~Reference	6.70	6.70	---	PASS
3DH5	Ant1	2480	30~1000	6.70	-60.55	≤-13.3	PASS
3DH5	Ant1	2480	1000~26500	6.70	-50.32	≤-13.3	PASS

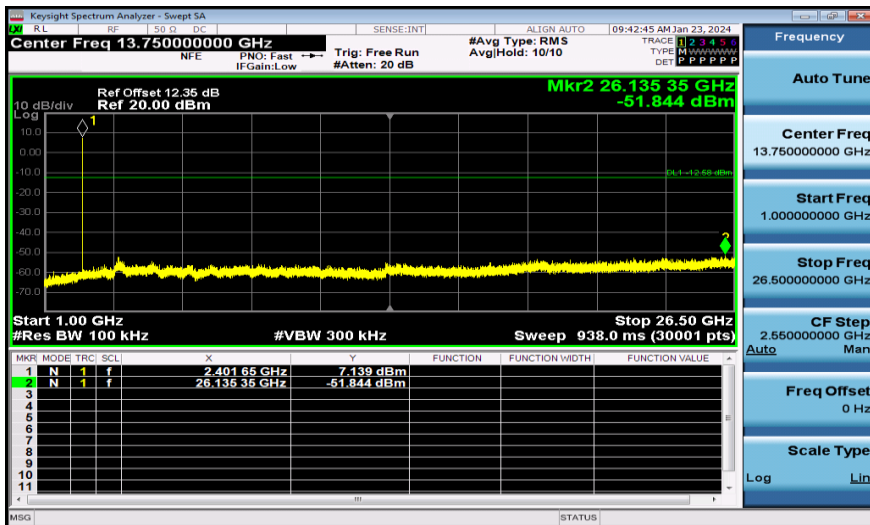
Test Graphs



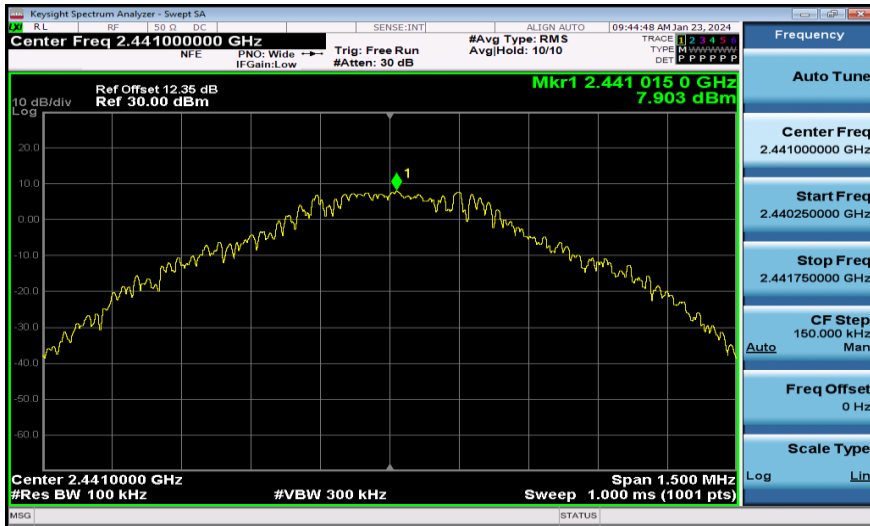
DH5-Ant1-2402-0~Reference-PASS



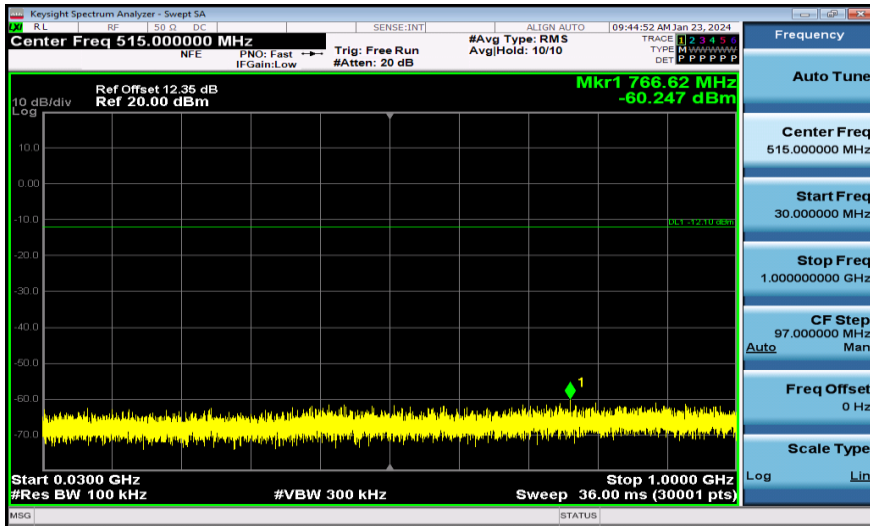
DH5-Ant1-2402-30~1000-PASS



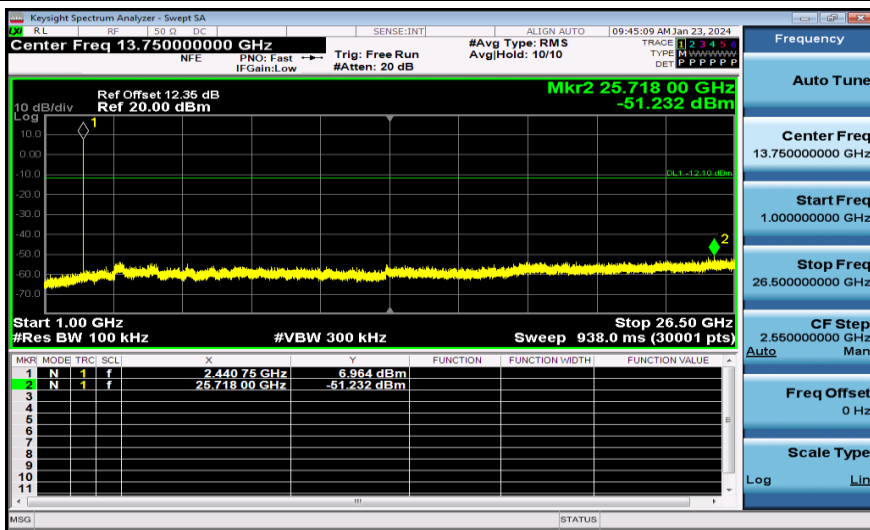
DH5-Ant1-2402-1000~26500-PASS



DH5-Ant1-2441-0~Reference-PASS



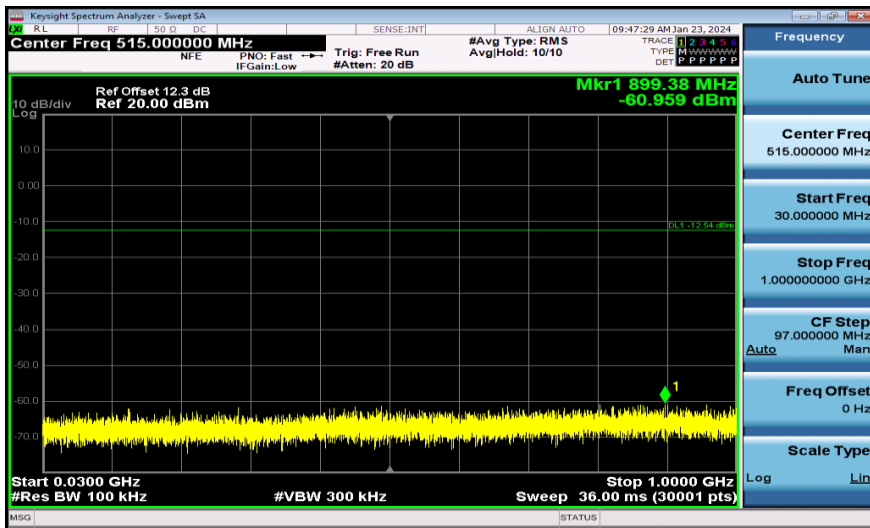
DH5-Ant1-2441-30~1000-PASS



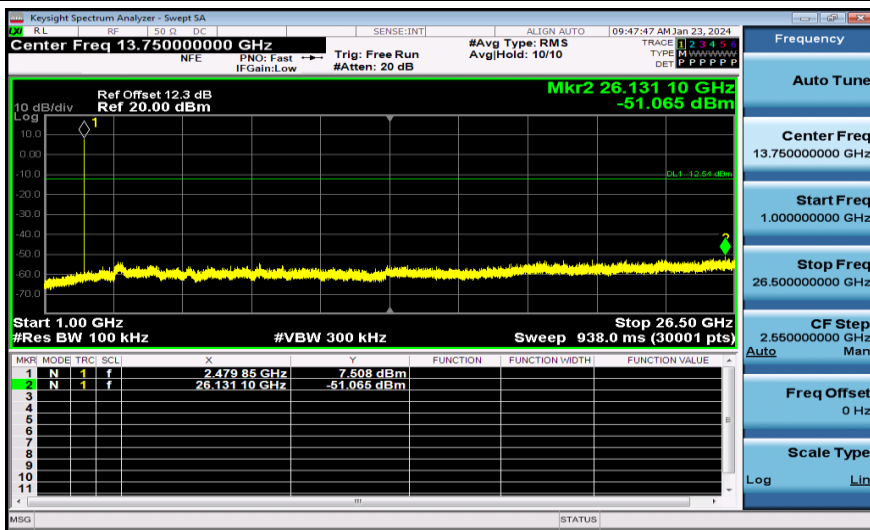
DH5-Ant1-2441-1000~26500-PASS



DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS



DH5-Ant1-2480-1000~26500-PASS