

20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.942	2401.562	2402.504	---	---
DH5	Ant1	2441	0.852	2440.577	2441.429	---	---
DH5	Ant1	2480	0.882	2479.568	2480.450	---	---
2DH5	Ant1	2402	1.299	2401.373	2402.672	---	---
2DH5	Ant1	2441	1.320	2440.358	2441.678	---	---
2DH5	Ant1	2480	1.359	2479.346	2480.705	---	---
3DH5	Ant1	2402	1.323	2401.355	2402.678	---	---
3DH5	Ant1	2441	1.290	2440.367	2441.657	---	---
3DH5	Ant1	2480	1.350	2479.340	2480.690	---	---

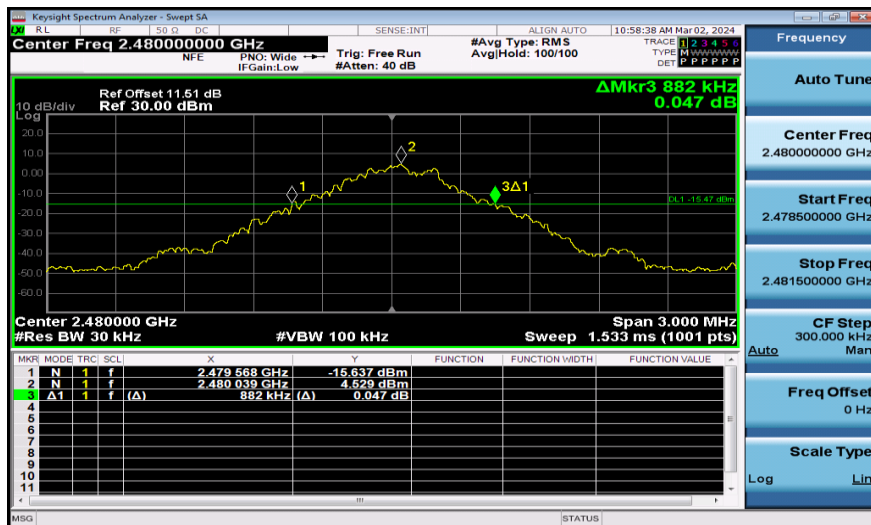
Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



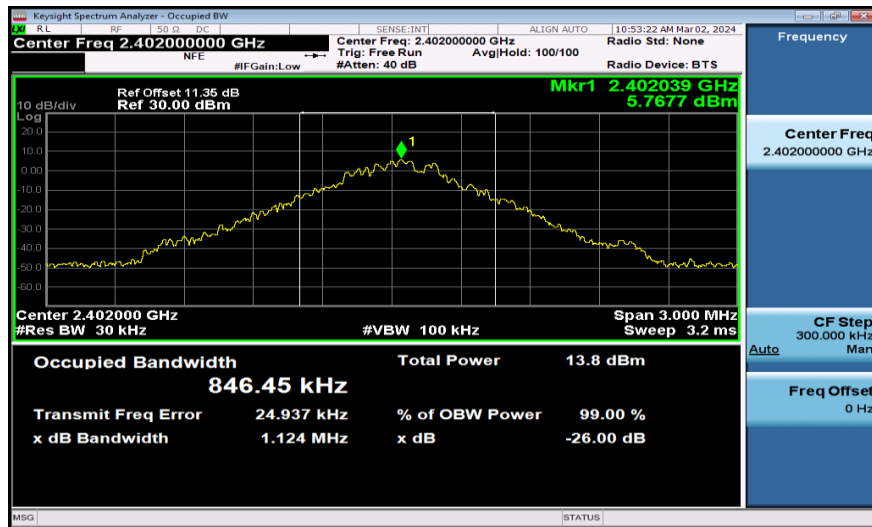
3DH5-Ant1-2480

Occupied Channel Bandwidth

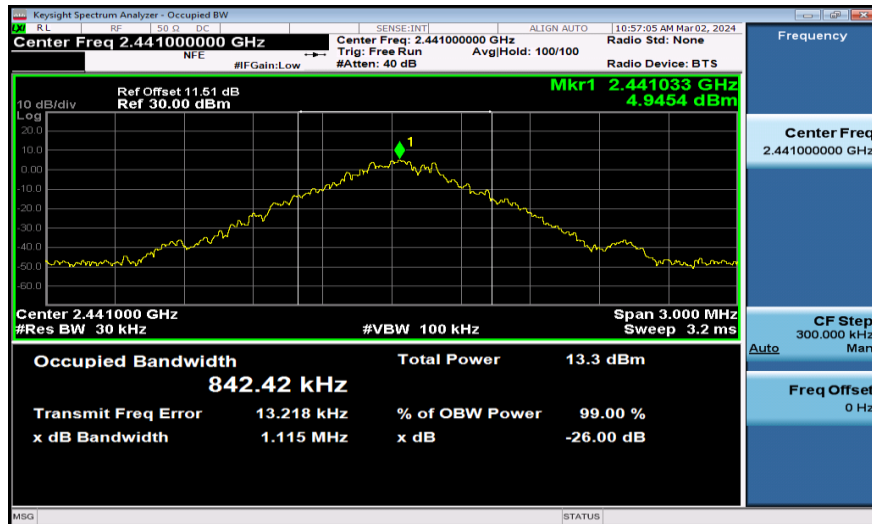
Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.84645	2401.6017	2402.4482	---	---
DH5	Ant1	2441	0.84242	2440.5920	2441.4344	---	---
DH5	Ant1	2480	0.81780	2479.6101	2480.4279	---	---
2DH5	Ant1	2402	1.2127	2401.4157	2402.6284	---	---
2DH5	Ant1	2441	1.2137	2440.4121	2441.6258	---	---
2DH5	Ant1	2480	1.2117	2479.4124	2480.6241	---	---
3DH5	Ant1	2402	1.2297	2401.3966	2402.6263	---	---
3DH5	Ant1	2441	1.2252	2440.3984	2441.6236	---	---
3DH5	Ant1	2480	1.2167	2479.4023	2480.6190	---	---

Test Graphs



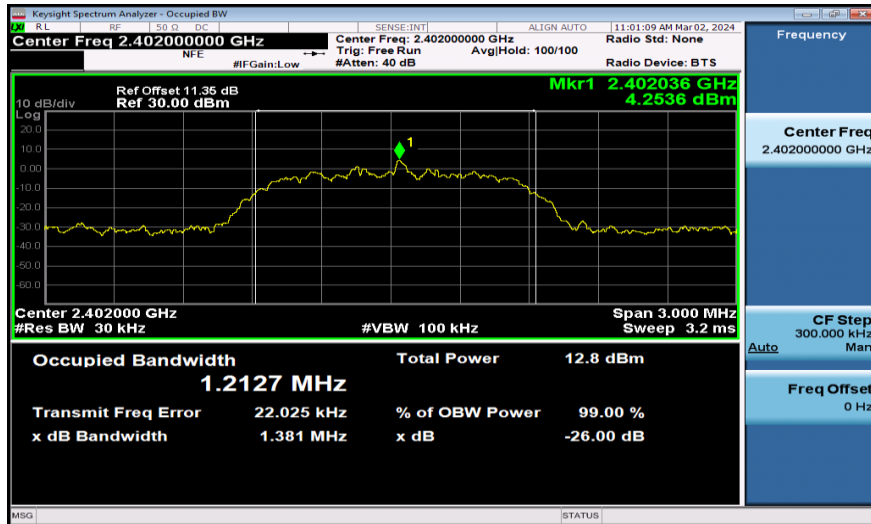
DH5-Ant1-2402



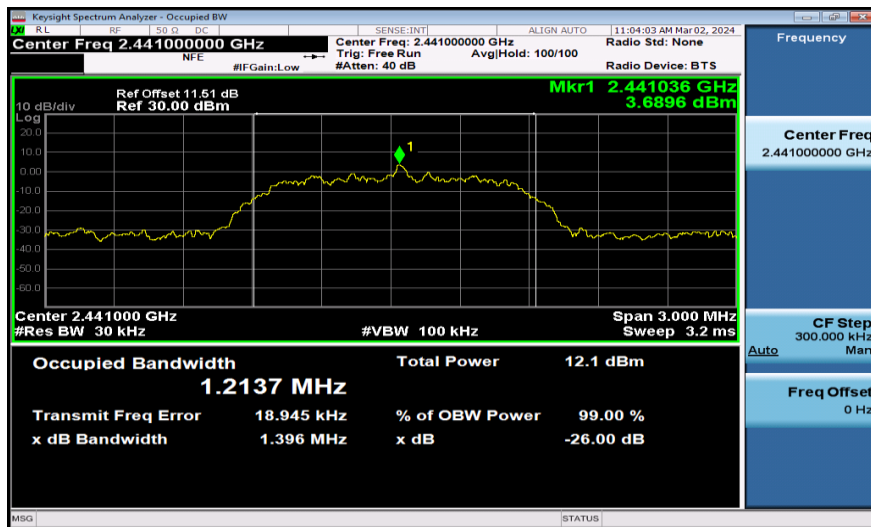
DH5-Ant1-2441



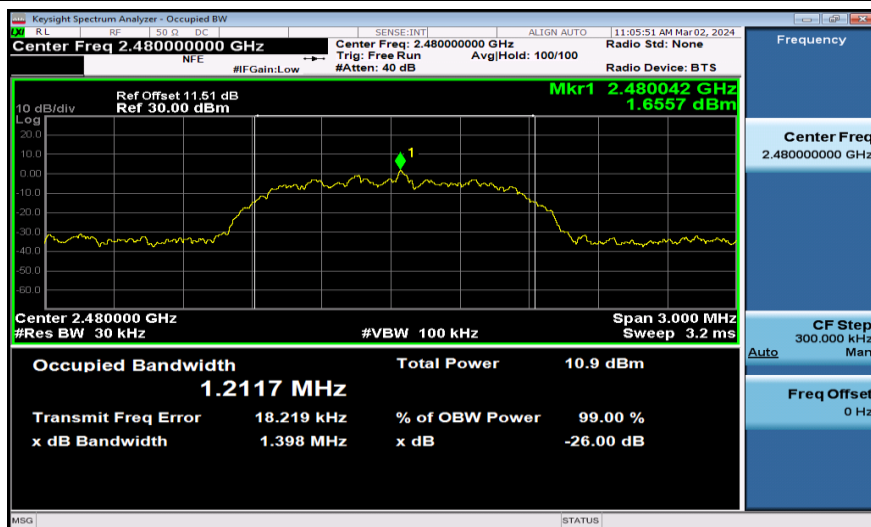
DH5-Ant1-2480



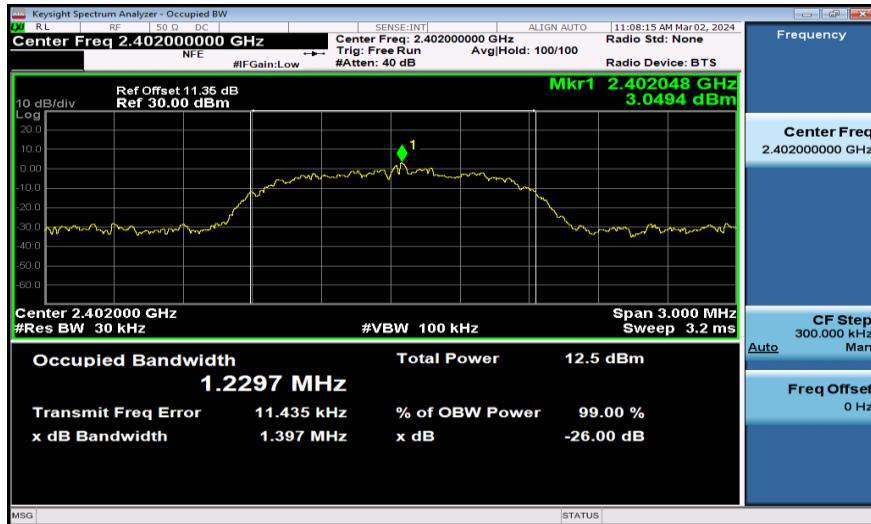
2DH5-Ant1-2402



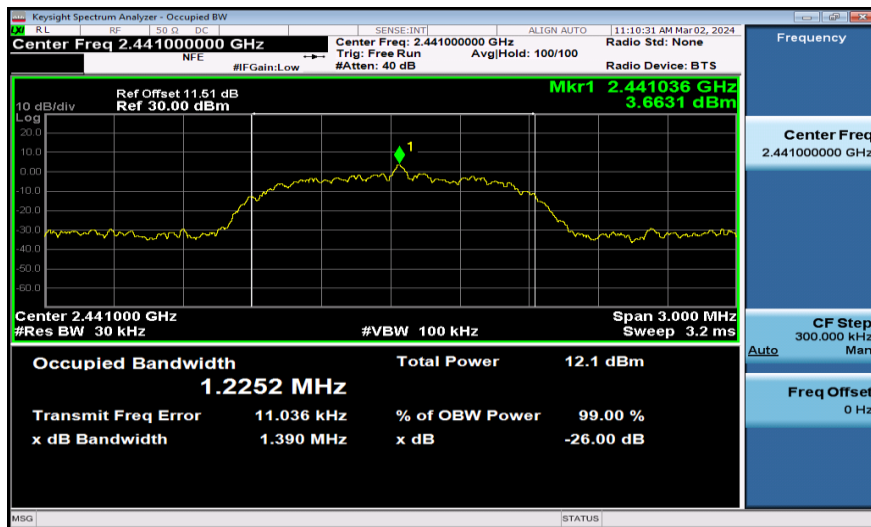
2DH5-Ant1-2441



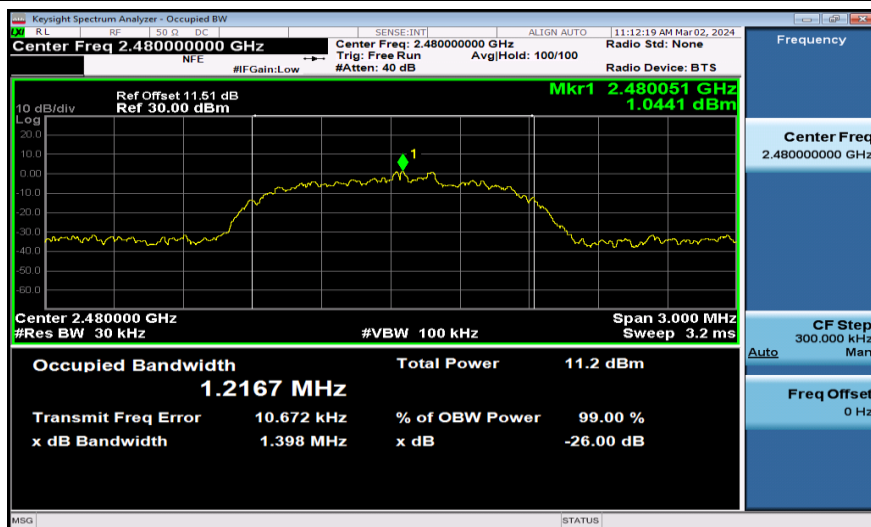
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



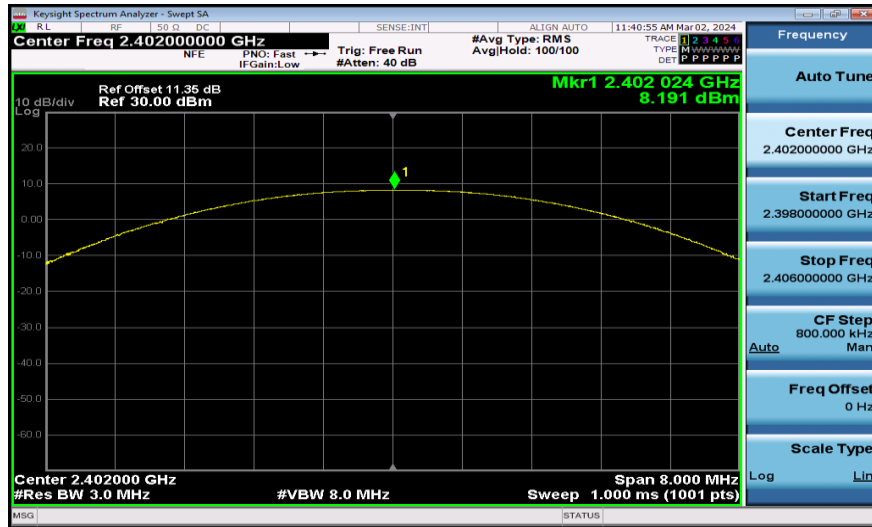
3DH5-Ant1-2480

Maximum conducted output power

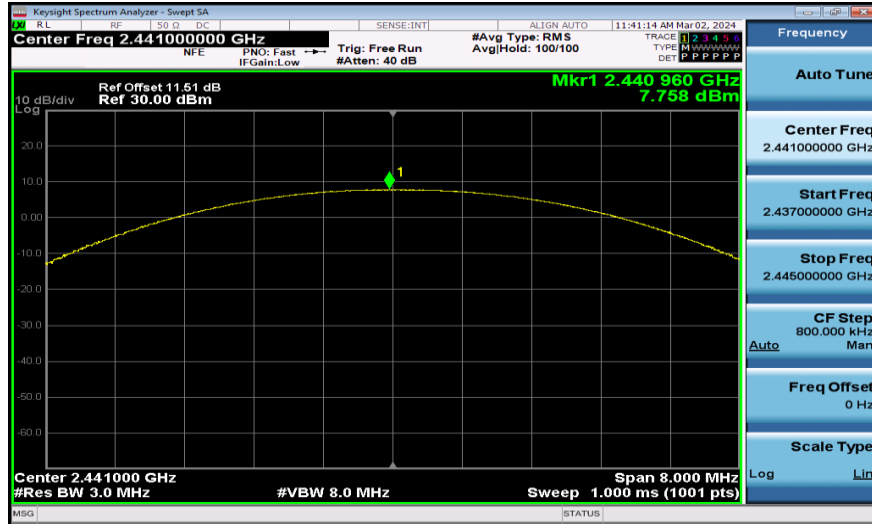
Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	8.19	≤20.97	PASS
DH5	Ant1	2441	7.76	≤20.97	PASS
DH5	Ant1	2480	7.01	≤20.97	PASS
2DH5	Ant1	2402	7.52	≤20.97	PASS
2DH5	Ant1	2441	6.96	≤20.97	PASS
2DH5	Ant1	2480	6.13	≤20.97	PASS
3DH5	Ant1	2402	7.70	≤20.97	PASS
3DH5	Ant1	2441	7.21	≤20.97	PASS
3DH5	Ant1	2480	6.42	≤20.97	PASS

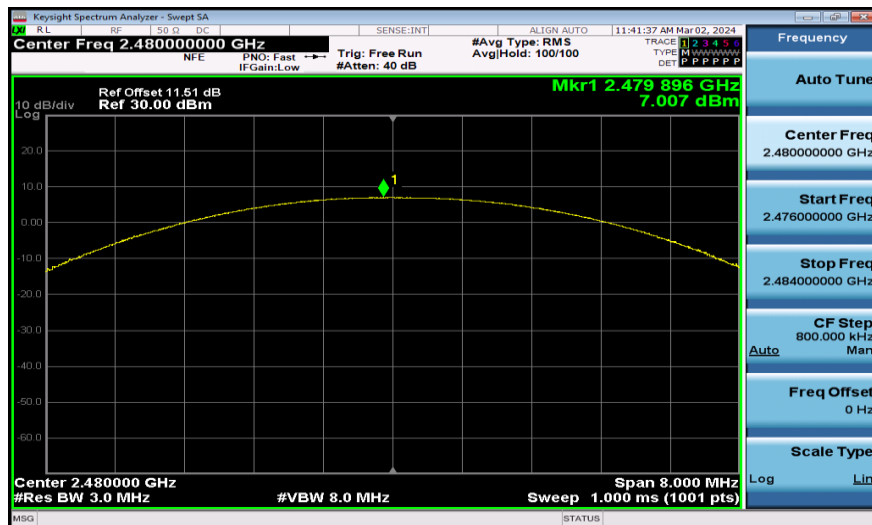
Test Graphs



DH5-Ant1-2402-PASS



DH5-Ant1-2441-PASS



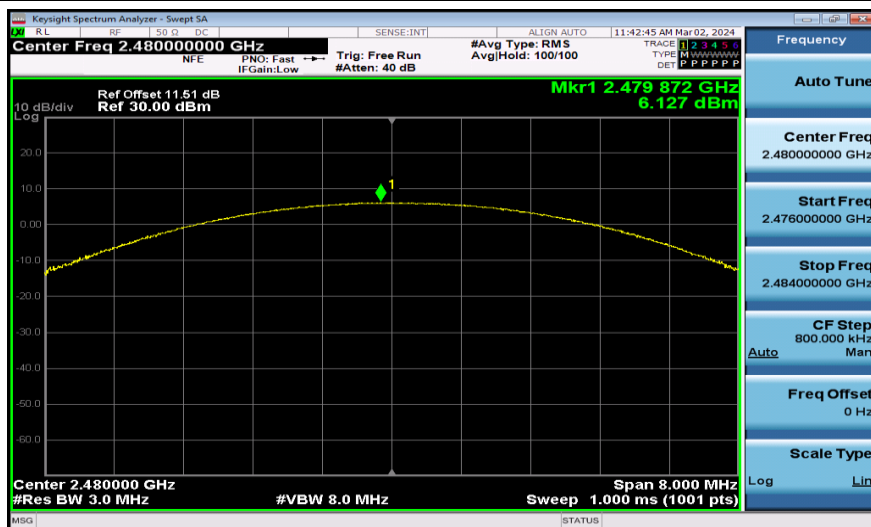
DH5-Ant1-2480-PASS



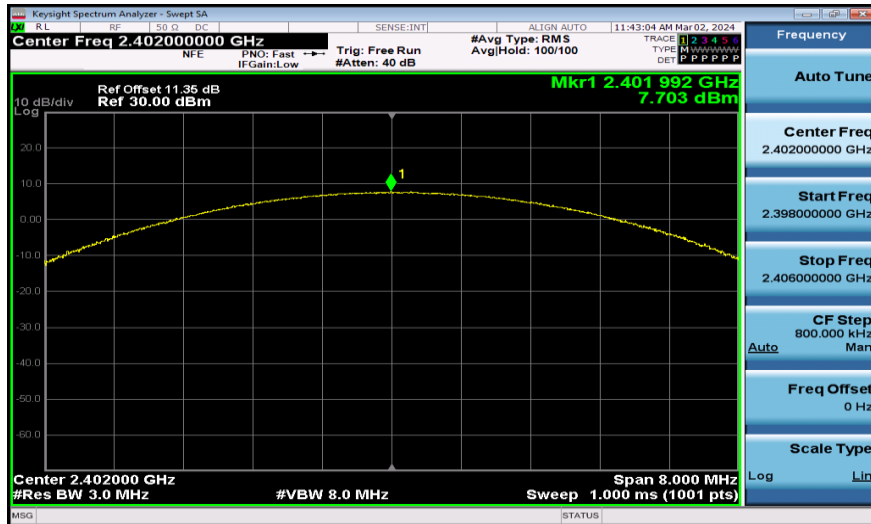
2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



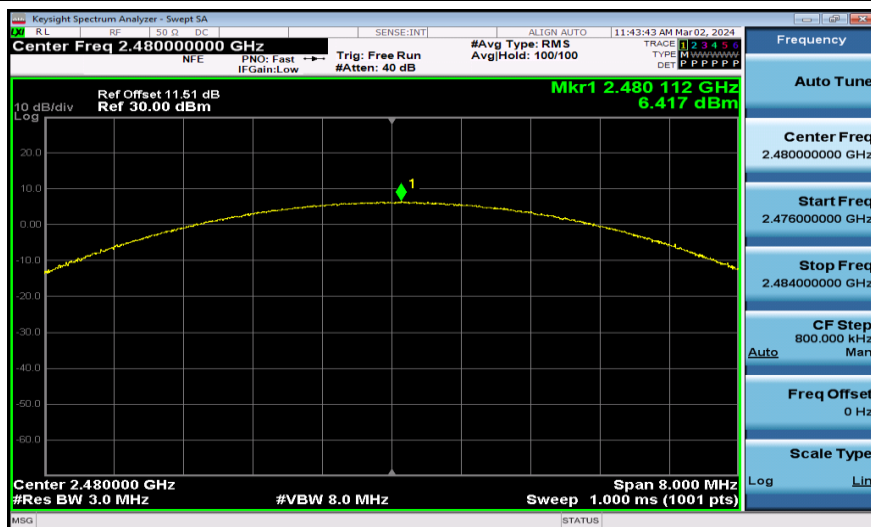
2DH5-Ant1-2480-PASS



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	0.712	≥ 0.628	PASS
2DH5	Ant1	Hop	1.136	≥ 0.906	PASS
3DH5	Ant1	Hop	1.1	≥ 0.900	PASS

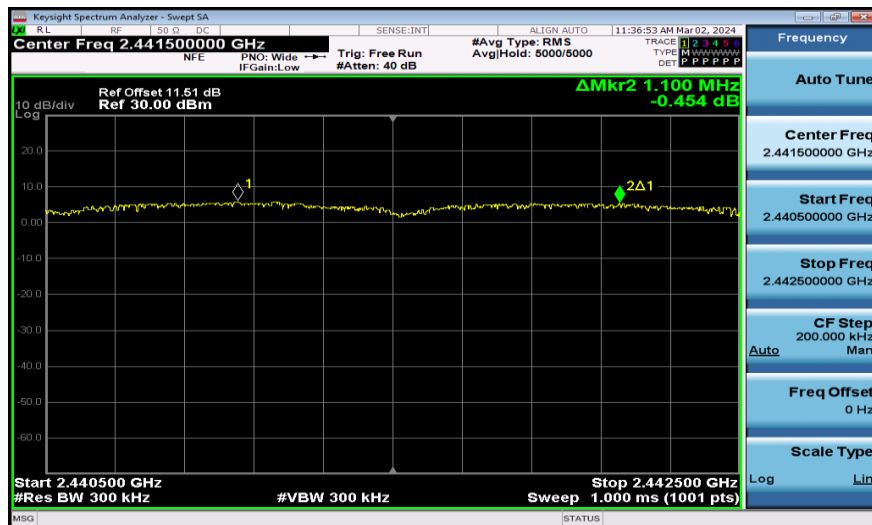
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



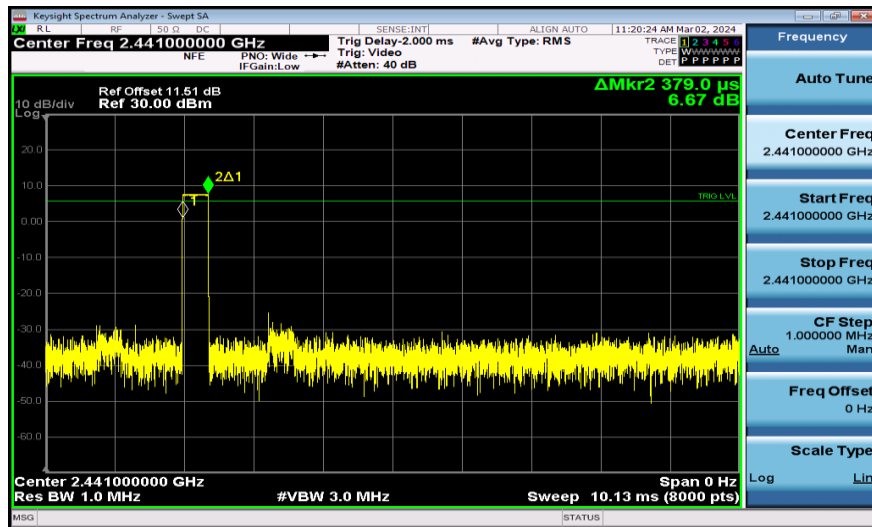
3DH5-Ant1-Hop-PASS

Time of occupancy

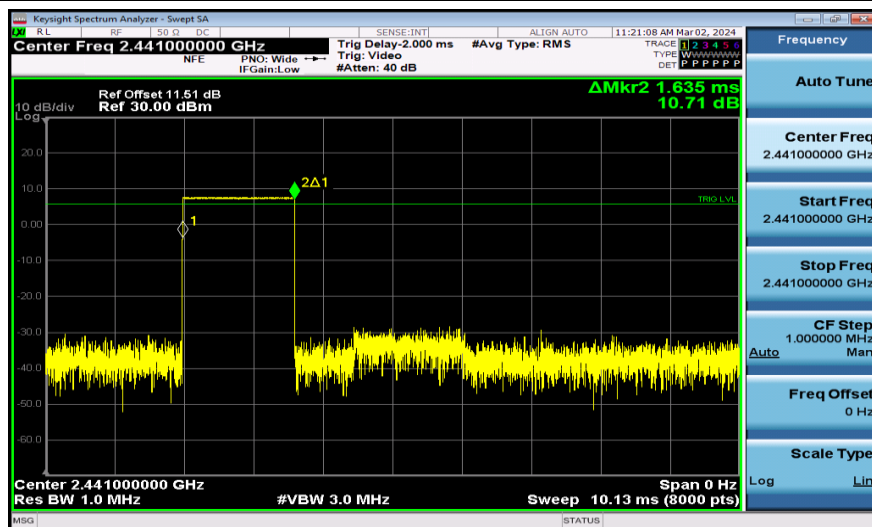
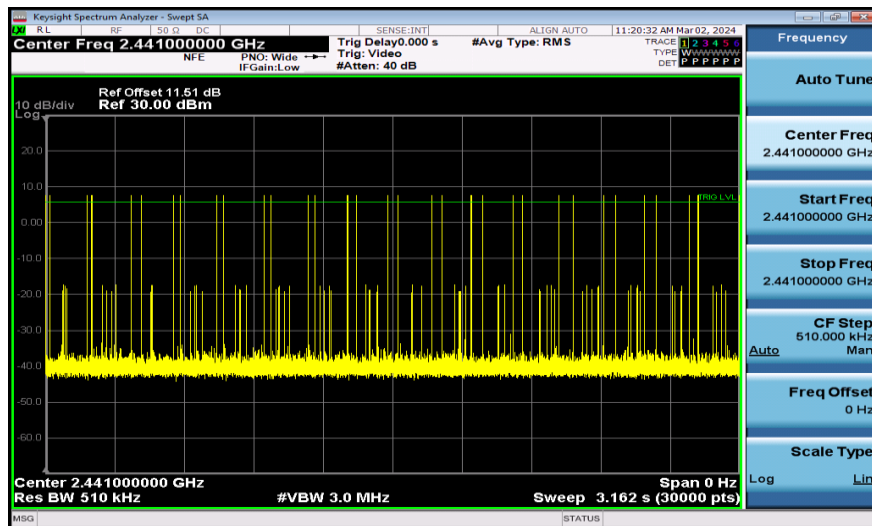
Test Result

Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.379	330	0.125	≤0.4	PASS
DH3	Ant1	Hop	1.635	170	0.278	≤0.4	PASS
DH5	Ant1	Hop	1.059	80	0.085	≤0.4	PASS
2DH1	Ant1	Hop	0.385	330	0.127	≤0.4	PASS
2DH3	Ant1	Hop	1.637	190	0.311	≤0.4	PASS
2DH5	Ant1	Hop	2.885	60	0.173	≤0.4	PASS
3DH1	Ant1	Hop	0.385	320	0.123	≤0.4	PASS
3DH3	Ant1	Hop	1.635	180	0.294	≤0.4	PASS
3DH5	Ant1	Hop	2.887	110	0.318	≤0.4	PASS

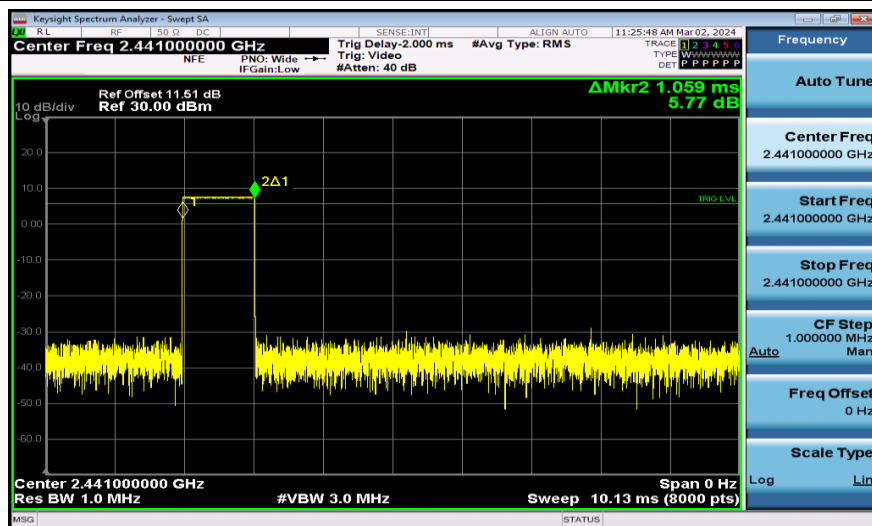
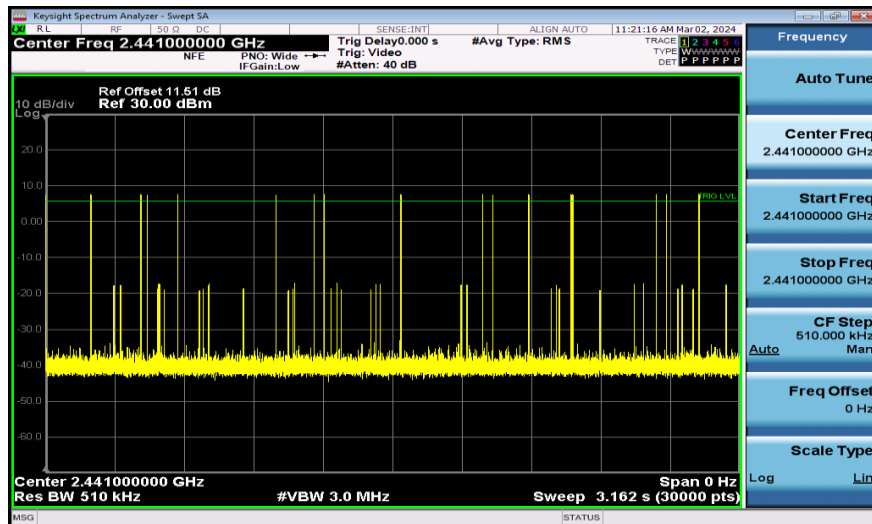
Test Graphs



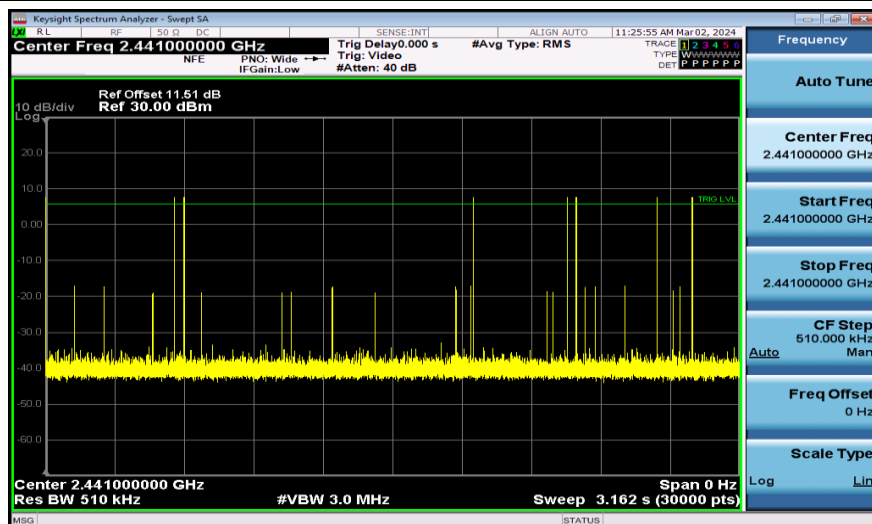
DH1-Ant1-Hop-PASS

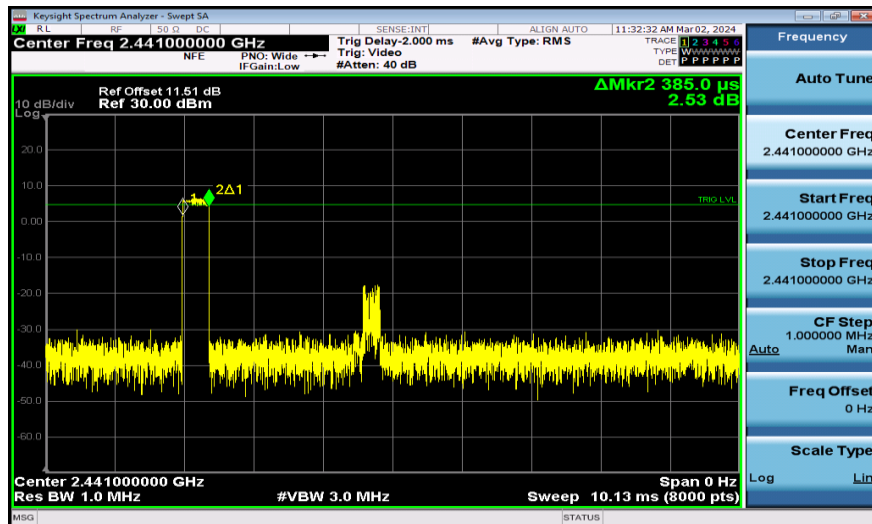


DH3-Ant1-Hop-PASS

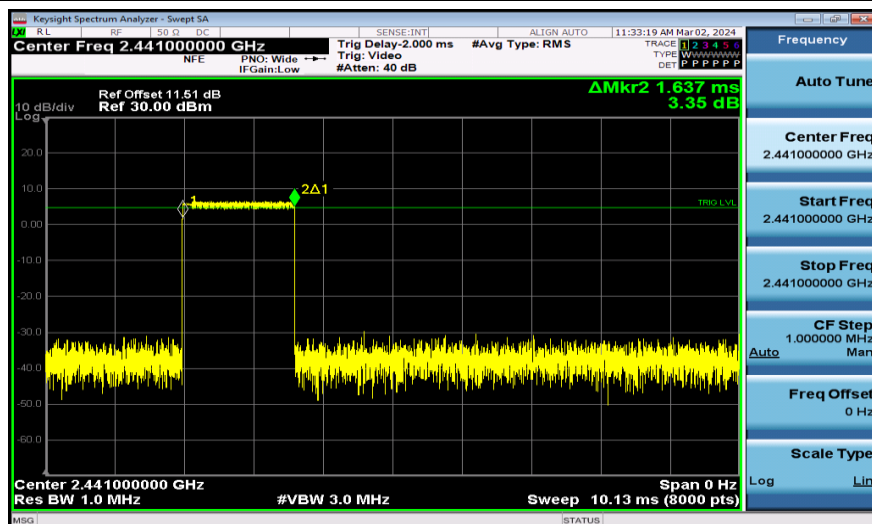
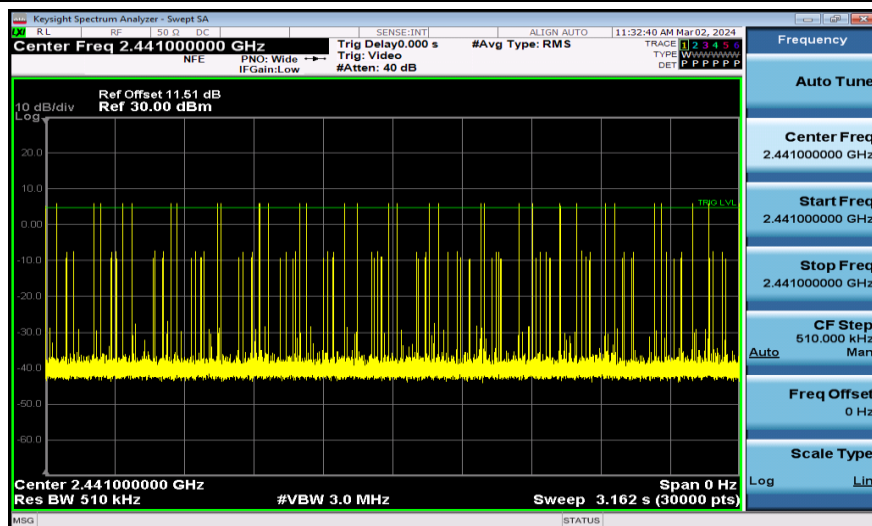


DH5-Ant1-Hop-PASS

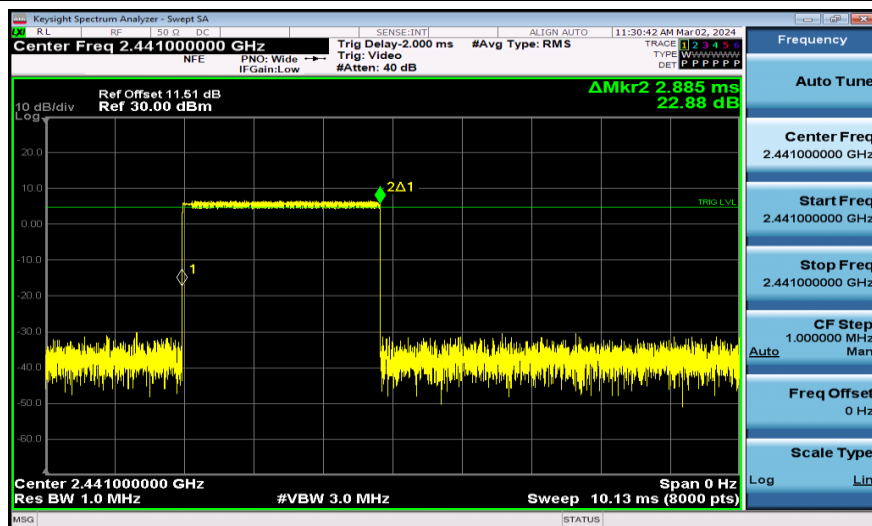
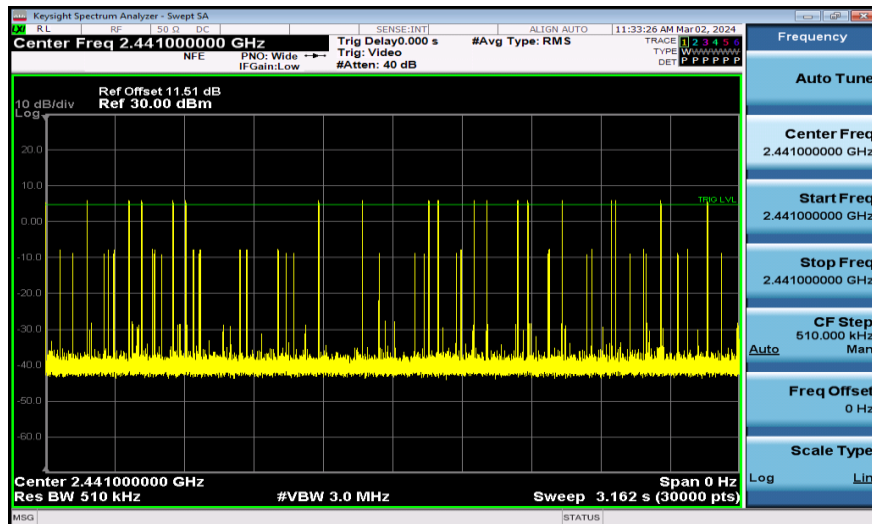




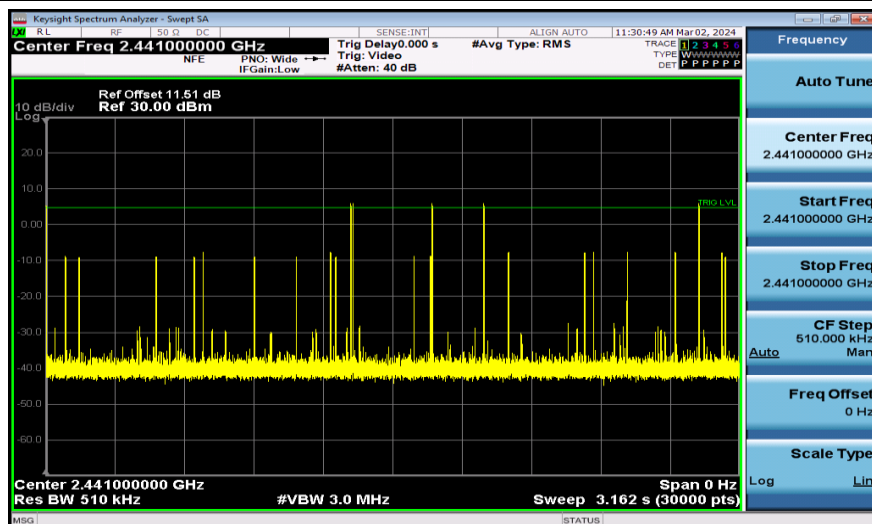
2DH1-Ant1-Hop-PASS

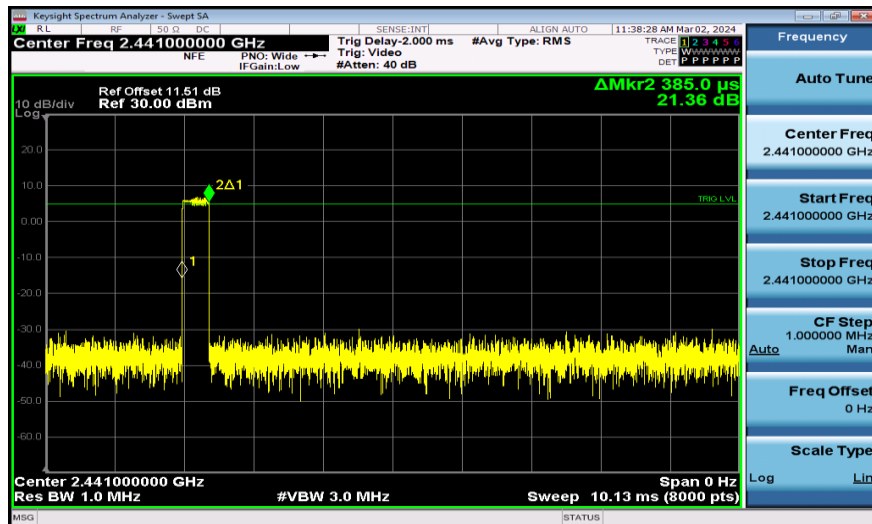


2DH3-Ant1-Hop-PASS

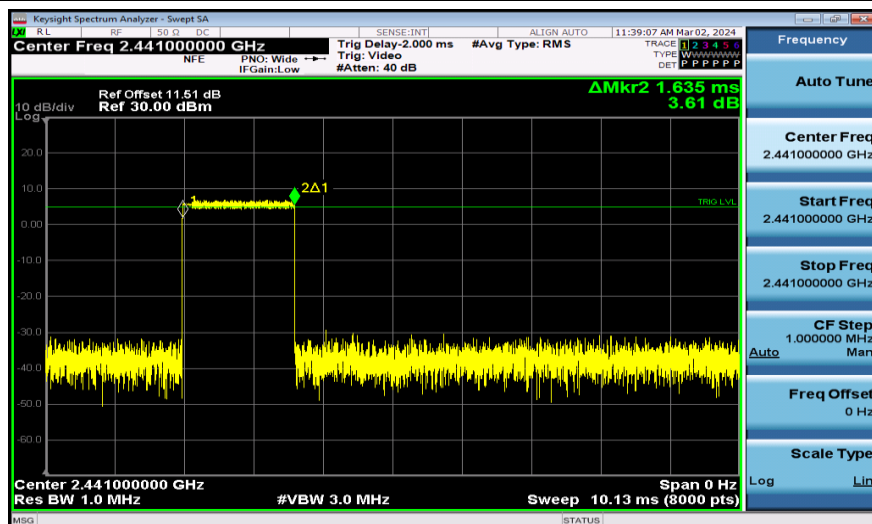
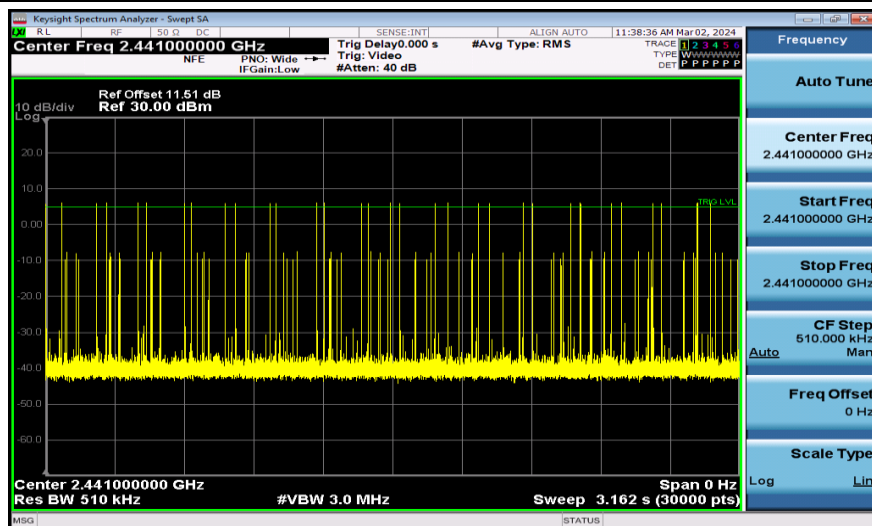


2DH5-Ant1-Hop-PASS

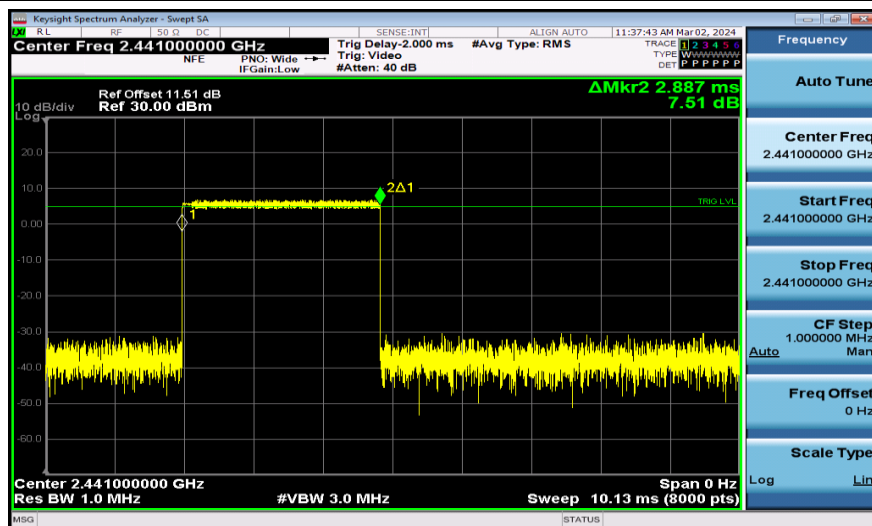
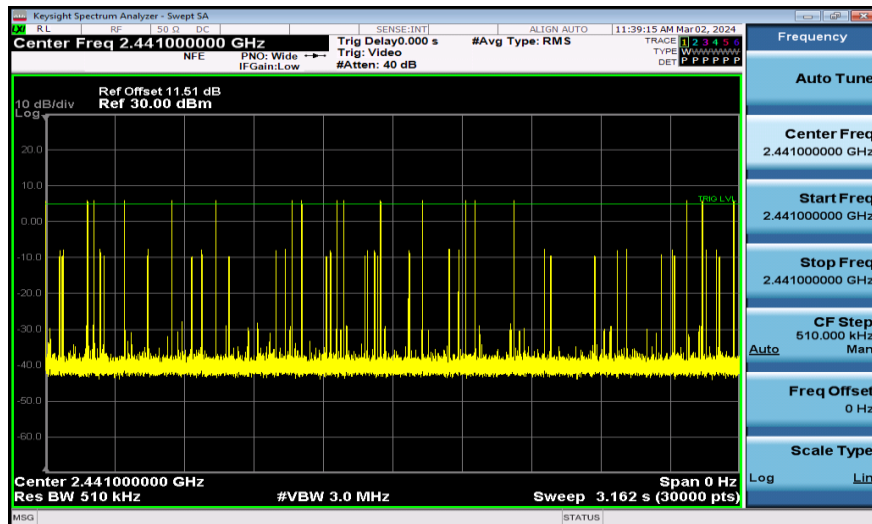




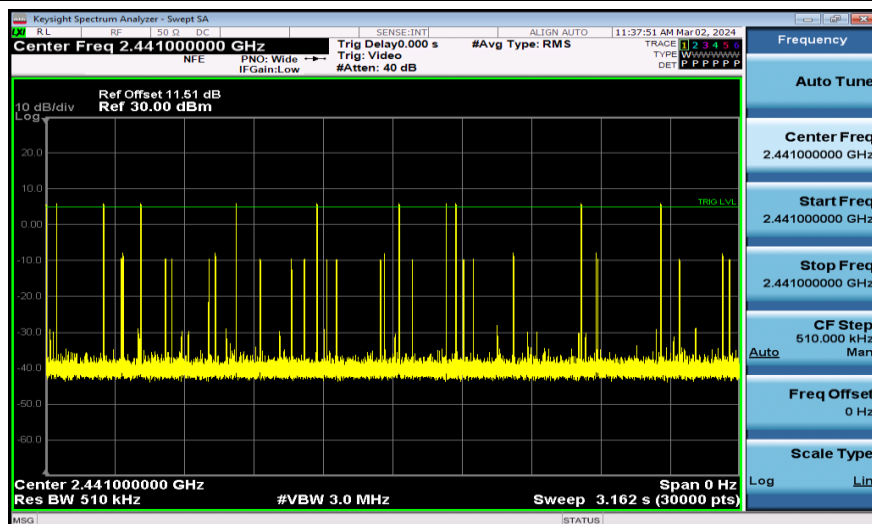
3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS

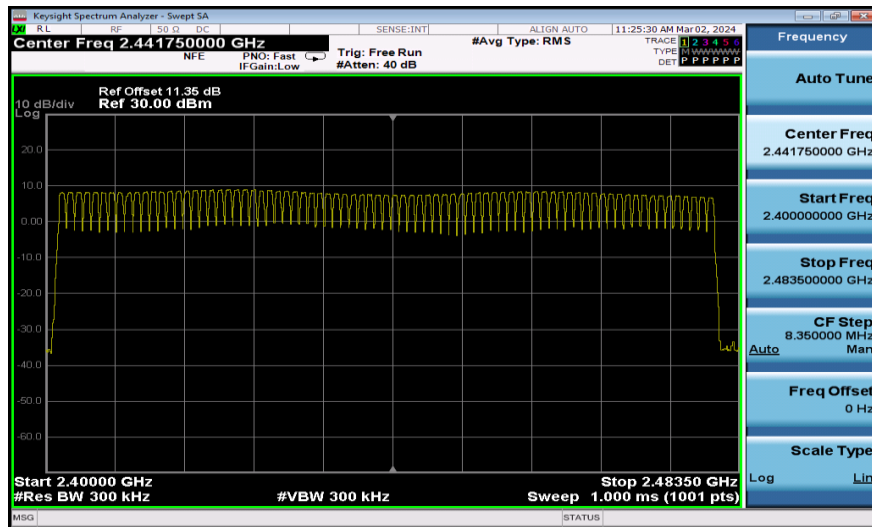


Number of hopping channels

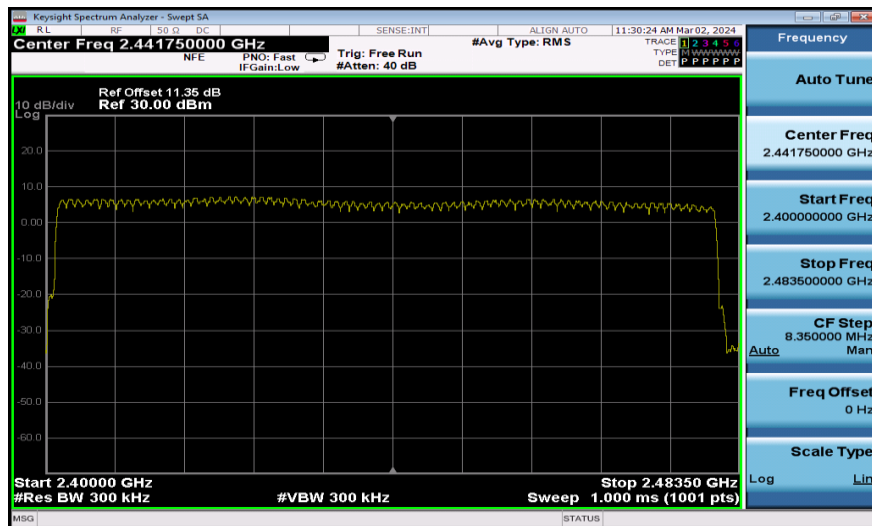
Test Result

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

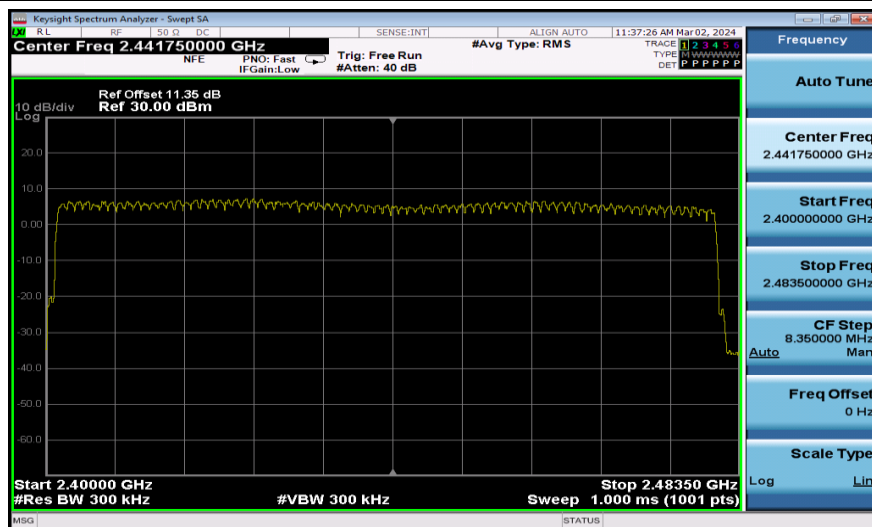
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



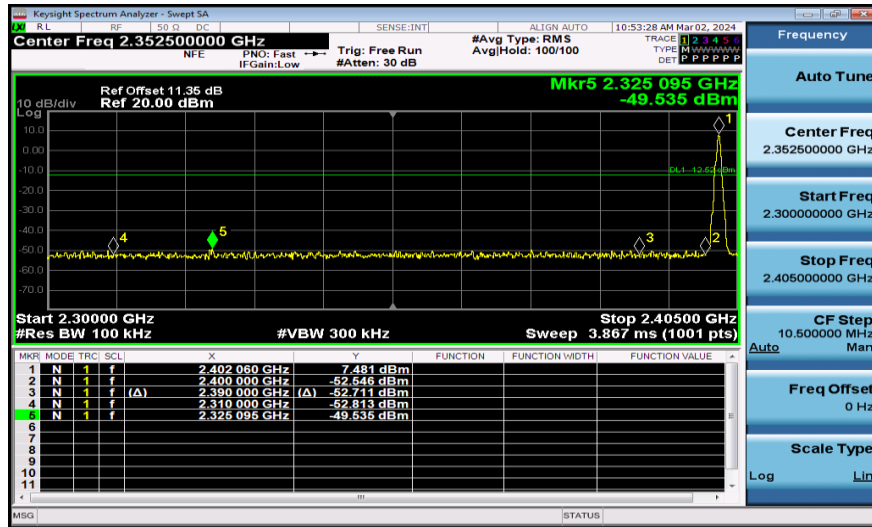
3DH5-Ant1-Hop-PASS

Band edge measurements

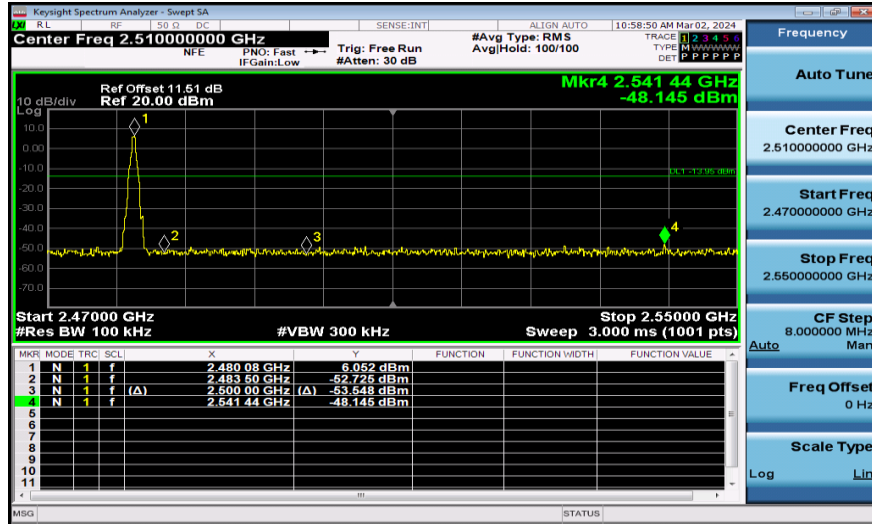
Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	7.48	-49.54	≤-12.52	PASS
DH5	Ant1	High	2480	6.05	-48.15	≤-13.95	PASS
DH5	Ant1	Low	Hop_2402	7.79	-48.04	≤-12.21	PASS
DH5	Ant1	High	Hop_2480	7.41	-48.03	≤-12.59	PASS
2DH5	Ant1	Low	2402	6.26	-42.72	≤-13.74	PASS
2DH5	Ant1	High	2480	4.65	-48.33	≤-15.35	PASS
2DH5	Ant1	Low	Hop_2402	5.66	-47.3	≤-14.34	PASS
2DH5	Ant1	High	Hop_2480	4.93	-48.11	≤-15.07	PASS
3DH5	Ant1	Low	2402	4.15	-45.95	≤-15.85	PASS
3DH5	Ant1	High	2480	4.64	-49.13	≤-15.36	PASS
3DH5	Ant1	Low	Hop_2402	6.30	-49.05	≤-13.7	PASS
3DH5	Ant1	High	Hop_2480	5.13	-48	≤-14.87	PASS

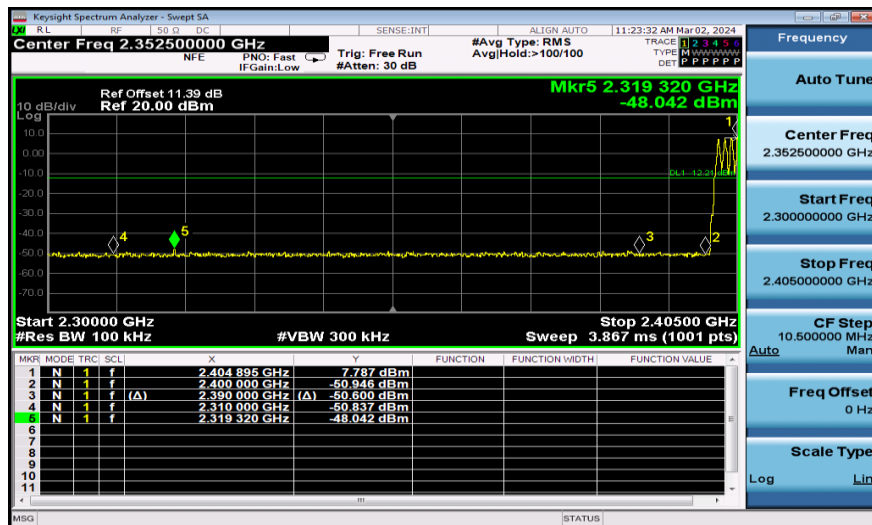
Test Graphs



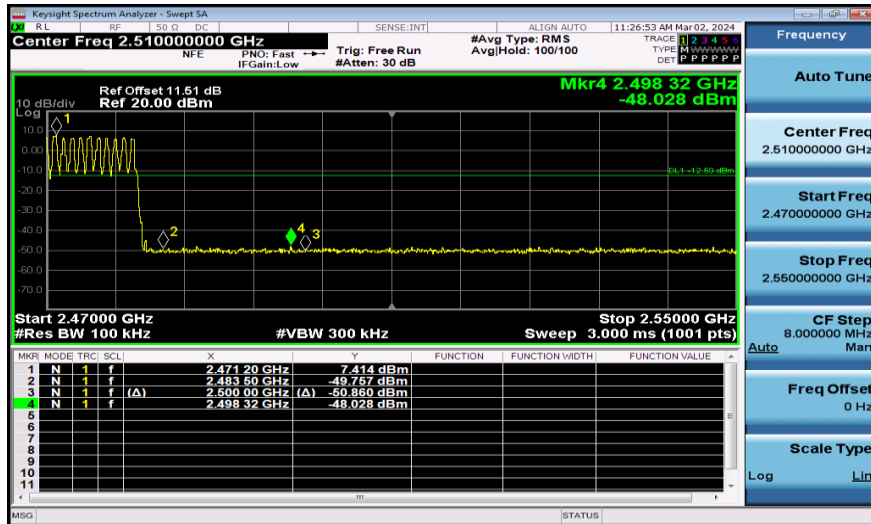
DH5-Ant1-2402-PASS



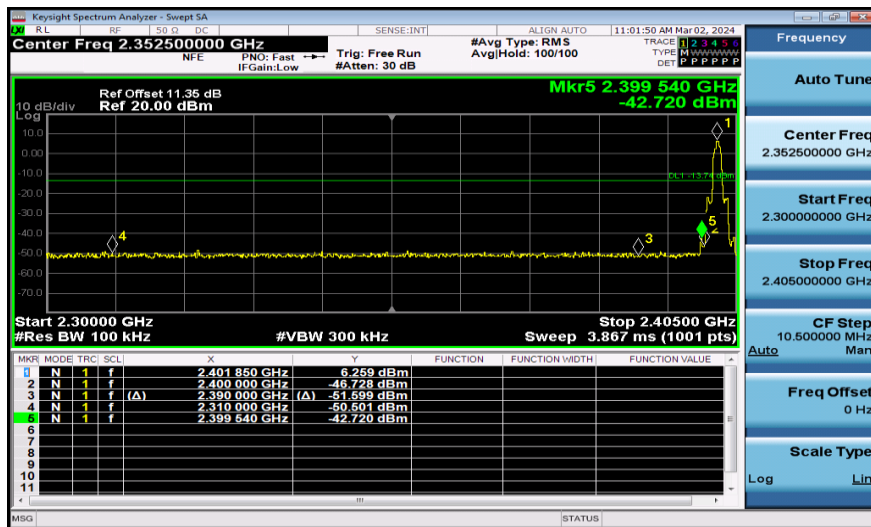
DH5-Ant1-2480-PASS



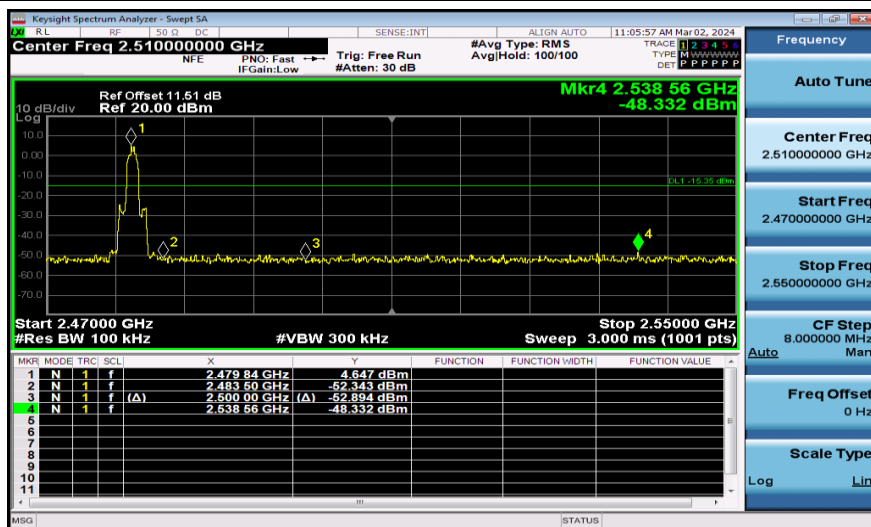
DH5-Ant1-Hop_2402-PASS



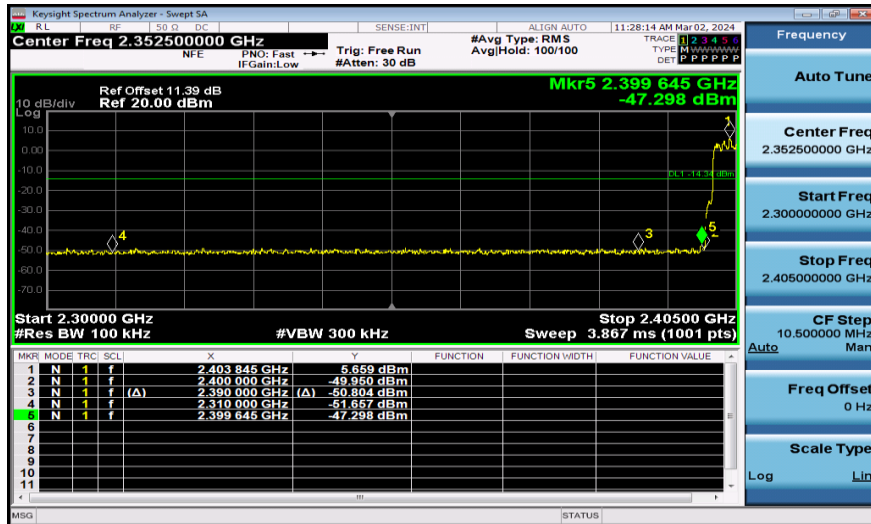
DH5-Ant1-Hop_2480-PASS



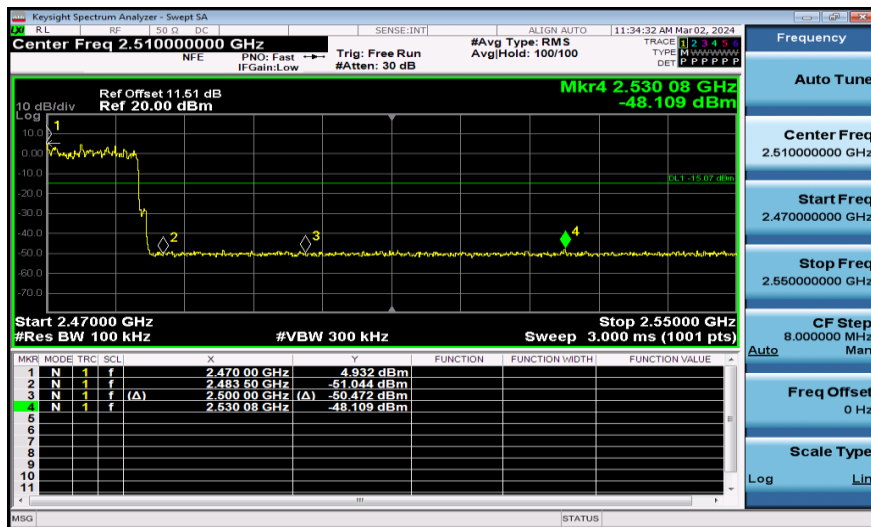
2DH5-Ant1-2402-PASS



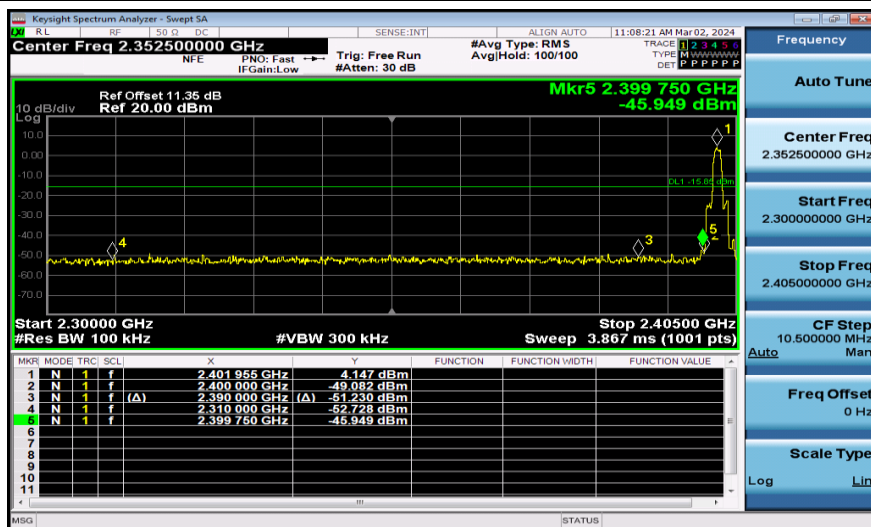
2DH5-Ant1-2480-PASS



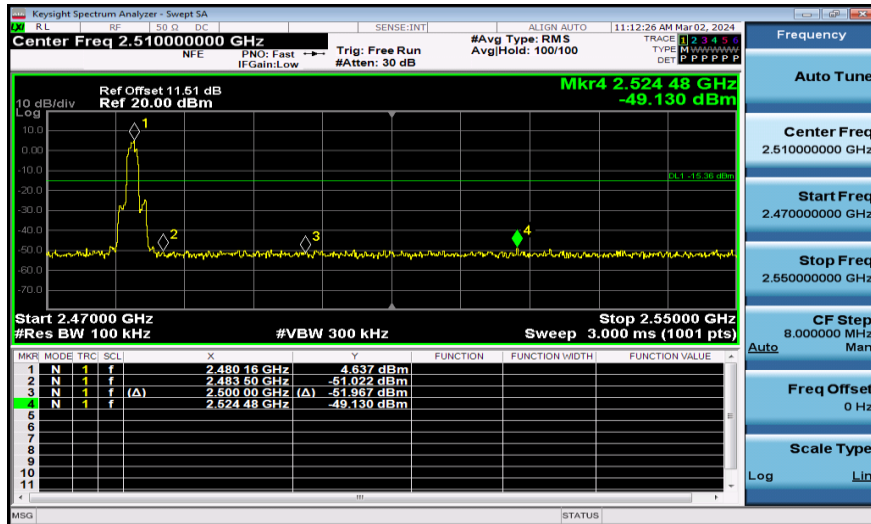
2DH5-Ant1-Hop_2402-PASS



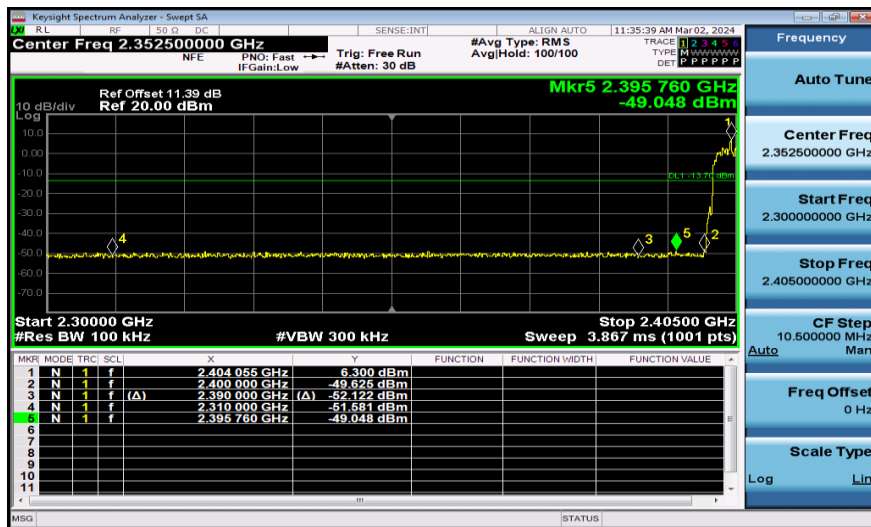
2DH5-Ant1-Hop_2480-PASS



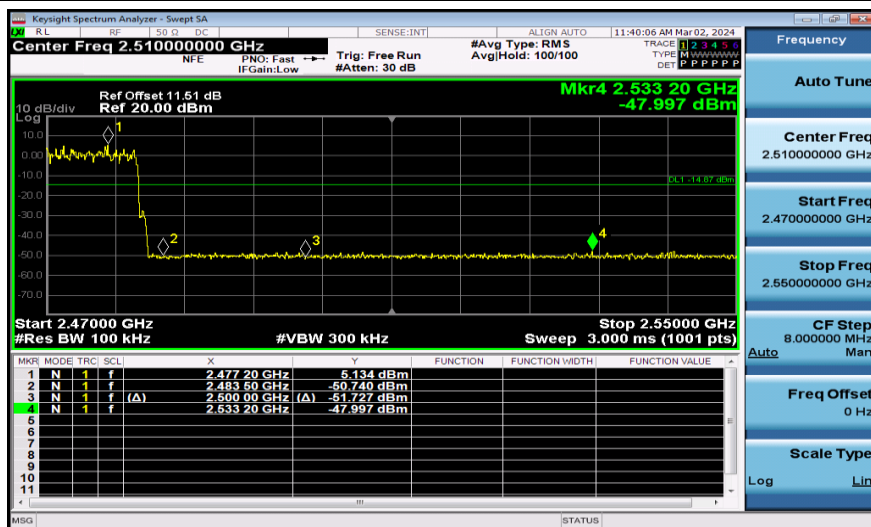
3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS

Conducted Spurious Emission

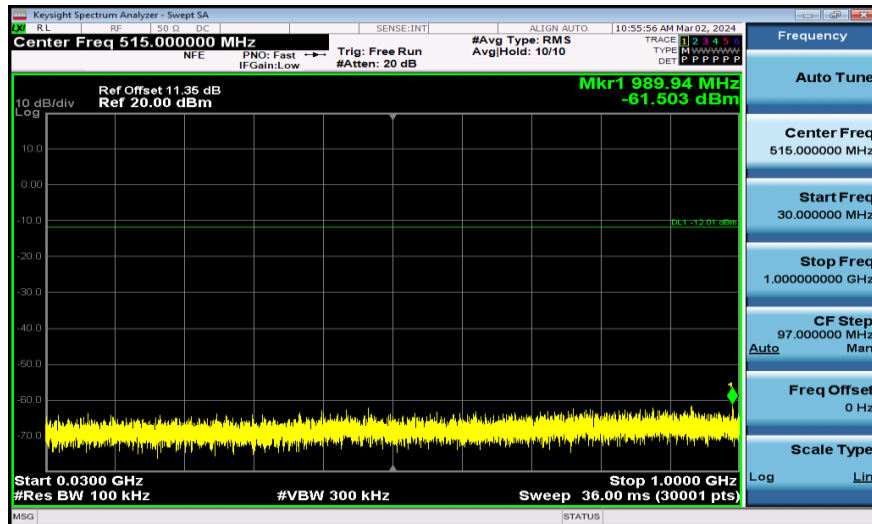
Test Result

Test Mode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	7.99	7.99	---	PASS
DH5	Ant1	2402	30~1000	7.99	-61.5	≤-12.01	PASS
DH5	Ant1	2402	1000~26500	7.99	-52.9	≤-12.01	PASS
DH5	Ant1	2441	0~Reference	7.56	7.56	---	PASS
DH5	Ant1	2441	30~1000	7.56	-60.64	≤-12.44	PASS
DH5	Ant1	2441	1000~26500	7.56	-52.86	≤-12.44	PASS
DH5	Ant1	2480	0~Reference	6.69	6.69	---	PASS
DH5	Ant1	2480	30~1000	6.69	-61.56	≤-13.31	PASS
DH5	Ant1	2480	1000~26500	6.69	-52.75	≤-13.31	PASS
2DH5	Ant1	2402	0~Reference	6.20	6.20	---	PASS
2DH5	Ant1	2402	30~1000	6.20	-61.69	≤-13.8	PASS
2DH5	Ant1	2402	1000~26500	6.20	-52.47	≤-13.8	PASS
2DH5	Ant1	2441	0~Reference	5.64	5.64	---	PASS
2DH5	Ant1	2441	30~1000	5.64	-61.48	≤-14.36	PASS
2DH5	Ant1	2441	1000~26500	5.64	-52.67	≤-14.36	PASS
2DH5	Ant1	2480	0~Reference	4.64	4.64	---	PASS
2DH5	Ant1	2480	30~1000	4.64	-61.66	≤-15.36	PASS
2DH5	Ant1	2480	1000~26500	4.64	-52.3	≤-15.36	PASS
3DH5	Ant1	2402	0~Reference	6.32	6.32	---	PASS
3DH5	Ant1	2402	30~1000	6.32	-61.38	≤-13.68	PASS
3DH5	Ant1	2402	1000~26500	6.32	-53.11	≤-13.68	PASS
3DH5	Ant1	2441	0~Reference	5.74	5.74	---	PASS
3DH5	Ant1	2441	30~1000	5.74	-61.05	≤-14.26	PASS
3DH5	Ant1	2441	1000~26500	5.74	-53.12	≤-14.26	PASS
3DH5	Ant1	2480	0~Reference	4.58	4.58	---	PASS
3DH5	Ant1	2480	30~1000	4.58	-61.04	≤-15.42	PASS
3DH5	Ant1	2480	1000~26500	4.58	-53	≤-15.42	PASS

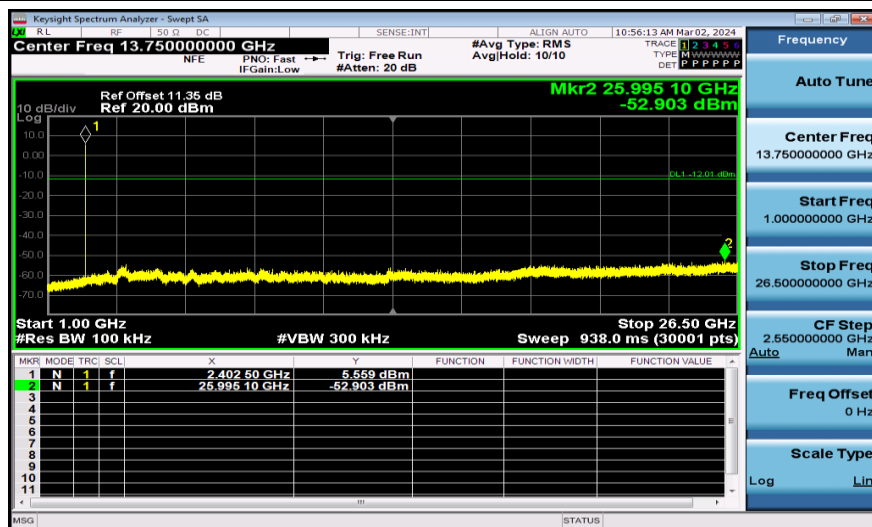
Test Graphs



DH5-Ant1-2402-0~Reference-PASS



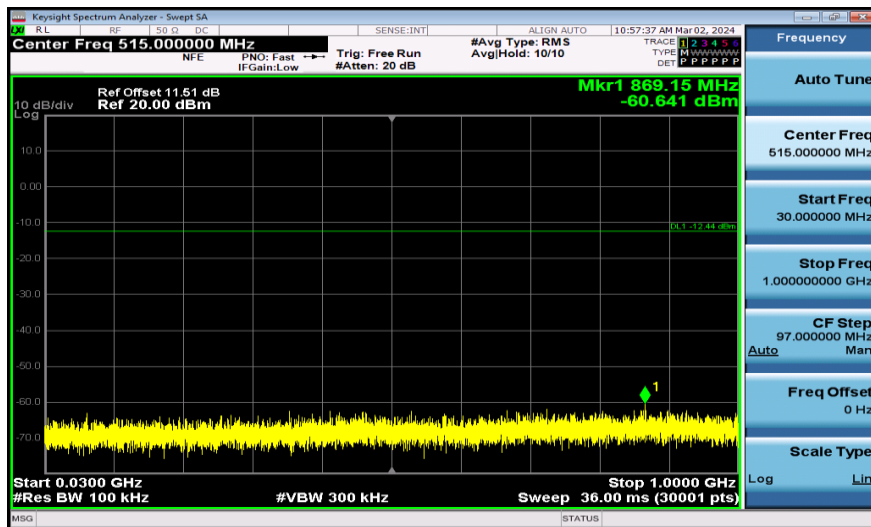
DH5-Ant1-2402-30~1000-PASS



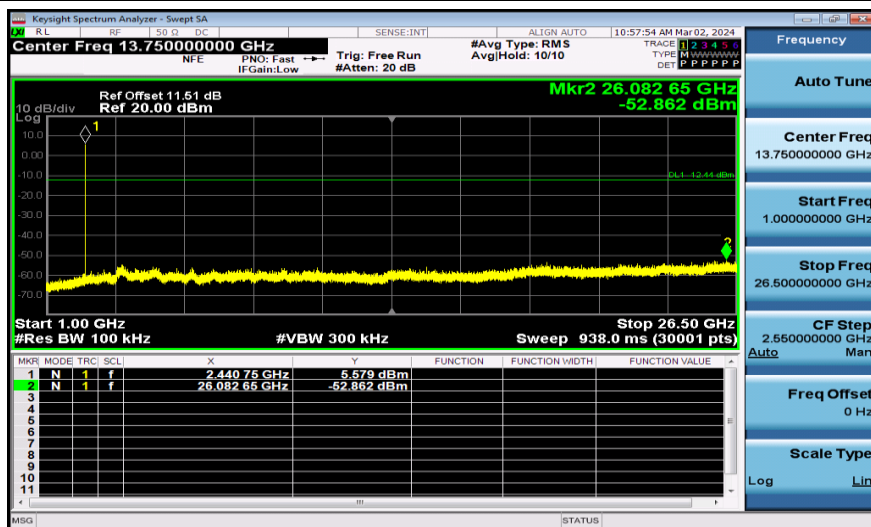
DH5-Ant1-2402-1000~26500-PASS



DH5-Ant1-2441-0~Reference-PASS



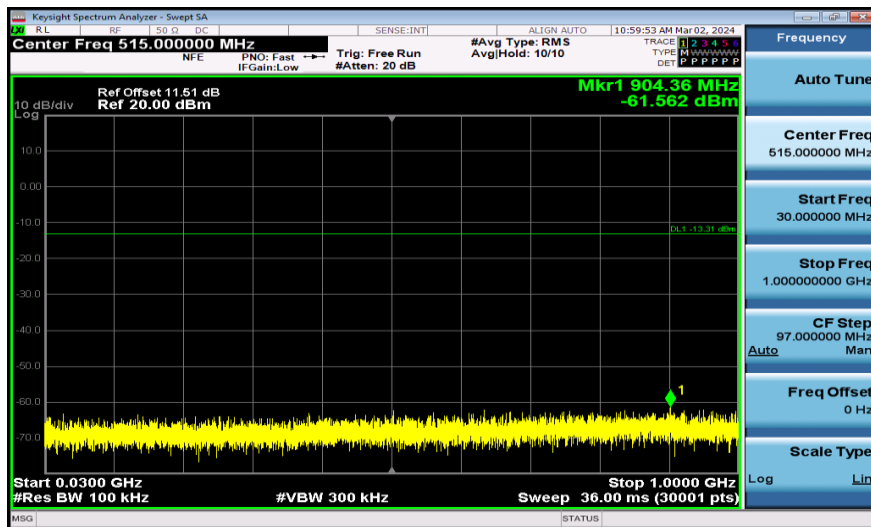
DH5-Ant1-2441-30~1000-PASS



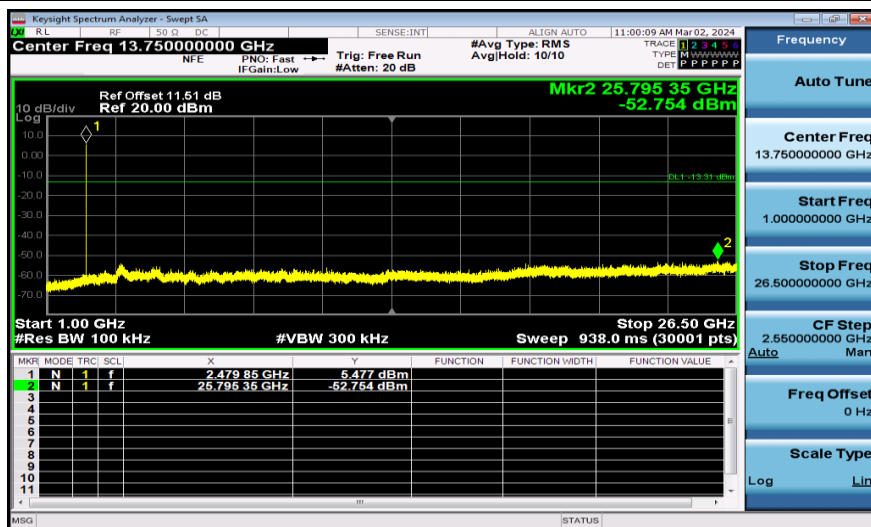
DH5-Ant1-2441-1000~26500-PASS



DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS



DH5-Ant1-2480-1000~26500-PASS