Appendix A: 20dB Emission Bandwidth

Test Result

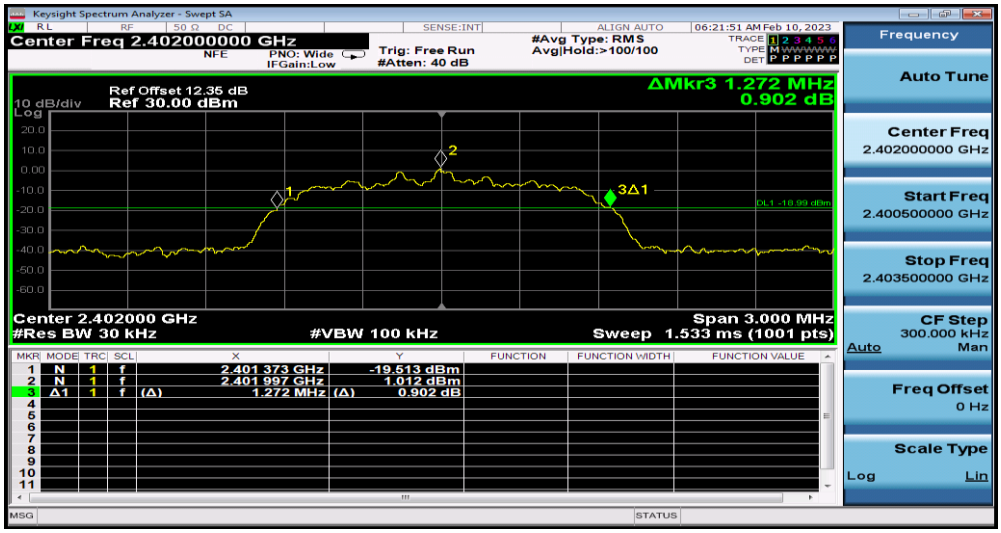
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.939	2401.544	2402.483	---	---
		2441	0.954	2440.532	2441.486	---	---
		2480	0.939	2479.544	2480.483	---	---
2DH5	Ant1	2402	1.272	2401.373	2402.645	---	---
		2441	1.293	2440.367	2441.660	---	---
		2480	1.260	2479.376	2480.636	---	---
3DH5	Ant1	2402	1.245	2401.376	2402.621	---	---
		2441	1.275	2440.367	2441.642	---	---
		2480	1.239	2479.373	2480.612	---	---

Test Graphs

DH5_Ant1_2402

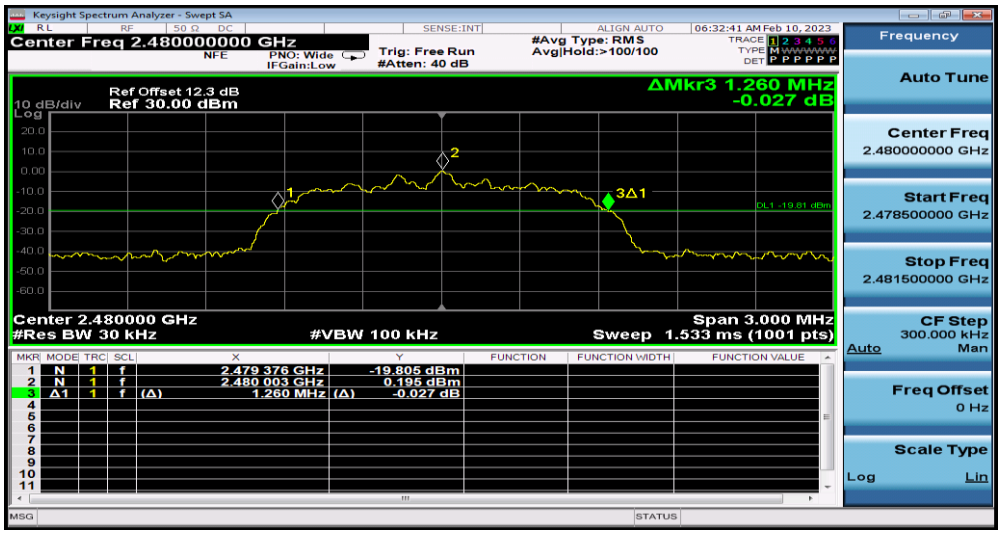
DH5_Ant1_2441

DH5_Ant1_2480

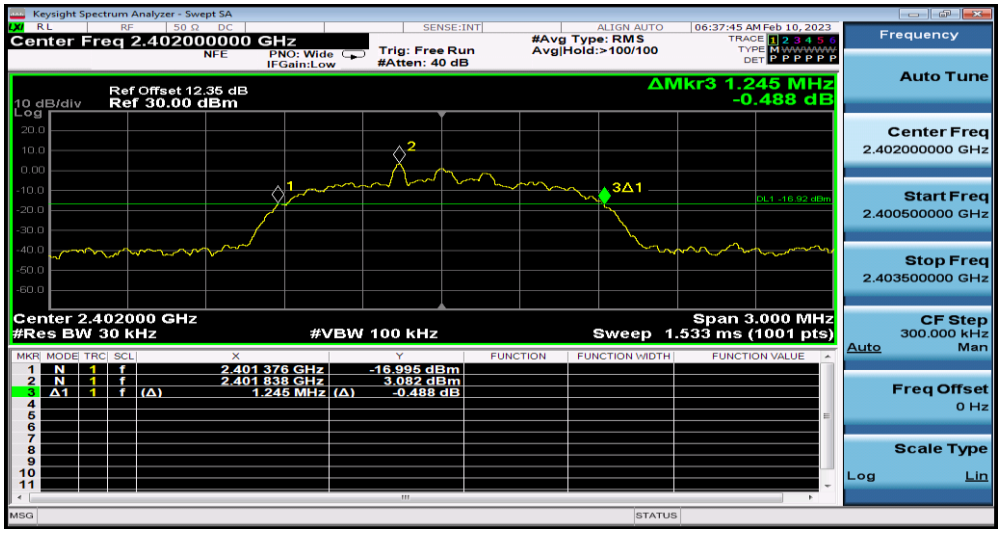


2DH5_Ant1_2402

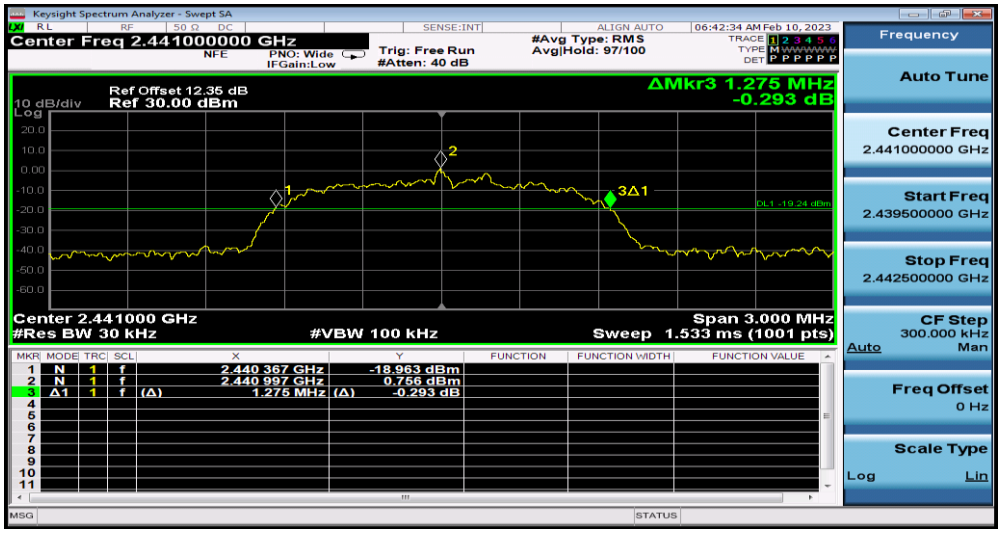
2DH5_Ant1_2441



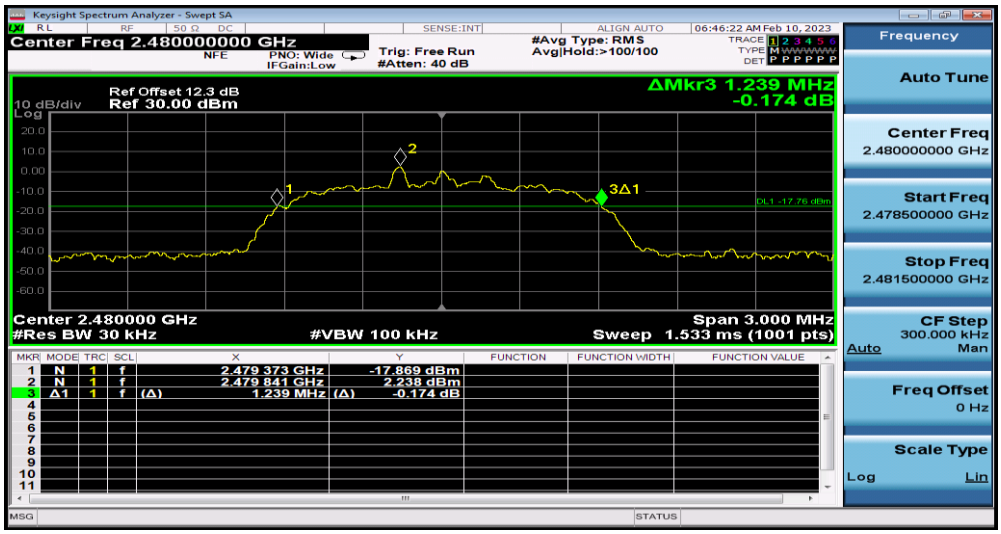
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



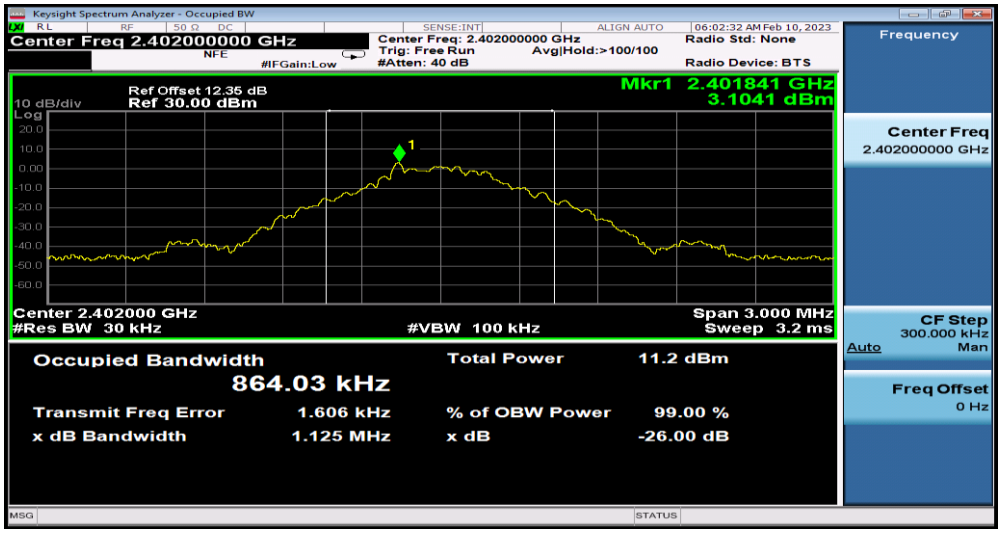
3DH5_Ant1_2480

Appendix B: Occupied Channel Bandwidth

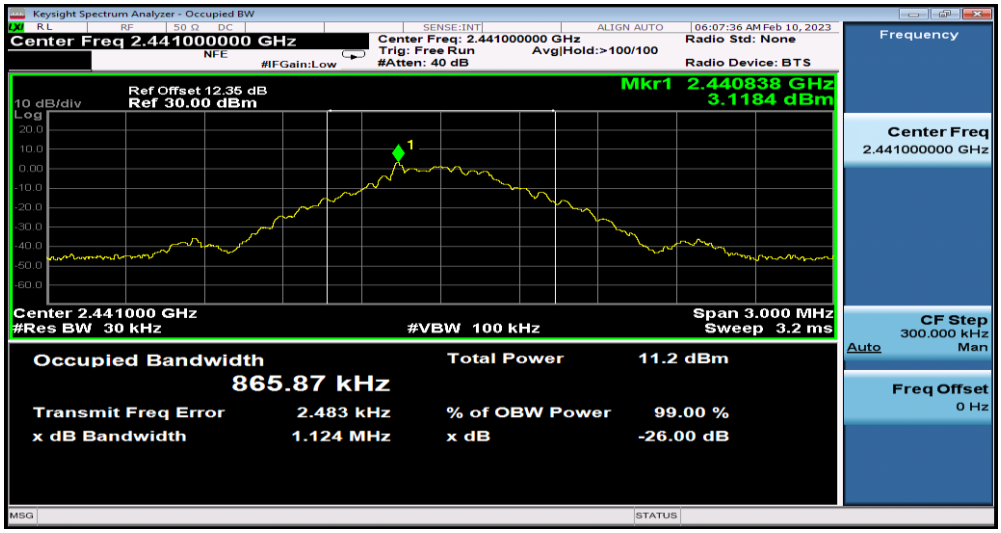
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86446	2401.570	2402.434	---	---
		2441	0.86497	2440.570	2441.435	---	---
		2480	0.86357	2479.570	2480.433	---	---
2DH5	Ant1	2402	1.1732	2401.416	2402.589	---	---
		2441	1.1743	2440.416	2441.590	---	---
		2480	1.1778	2479.414	2480.592	---	---
3DH5	Ant1	2402	1.1651	2401.423	2402.588	---	---
		2441	1.1592	2440.427	2441.586	---	---
		2480	1.1608	2479.425	2480.586	---	---

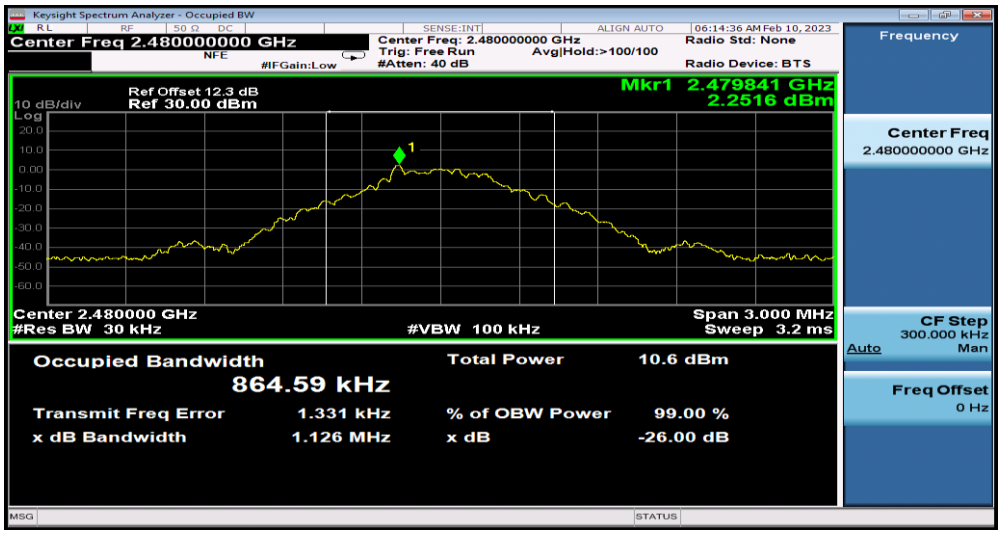
Test Graphs



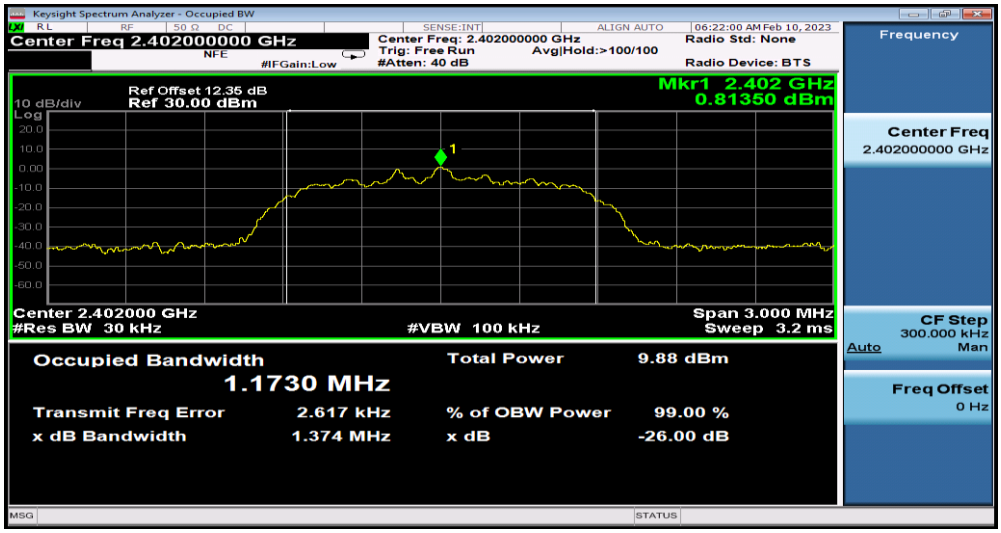
DH5_Ant1_2402



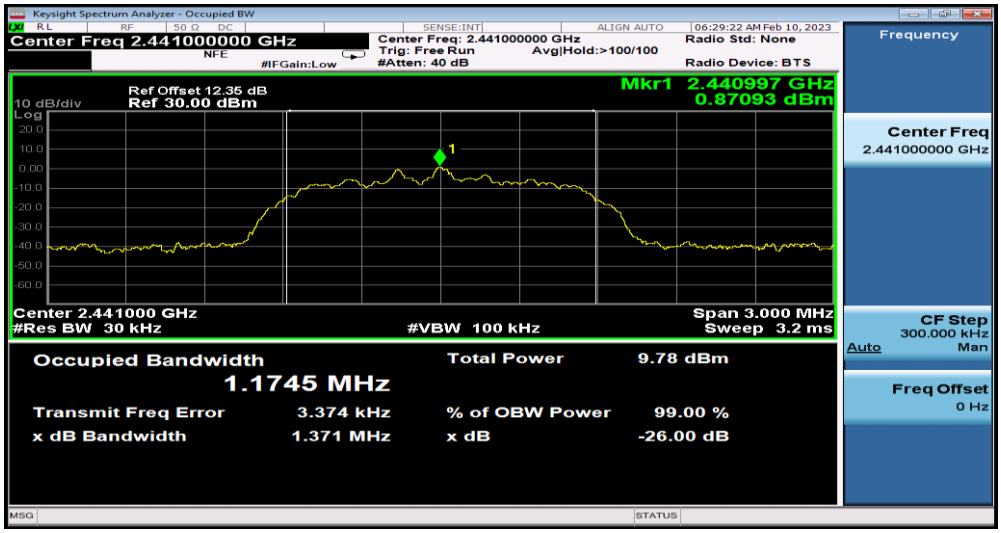
DH5_Ant1_2441



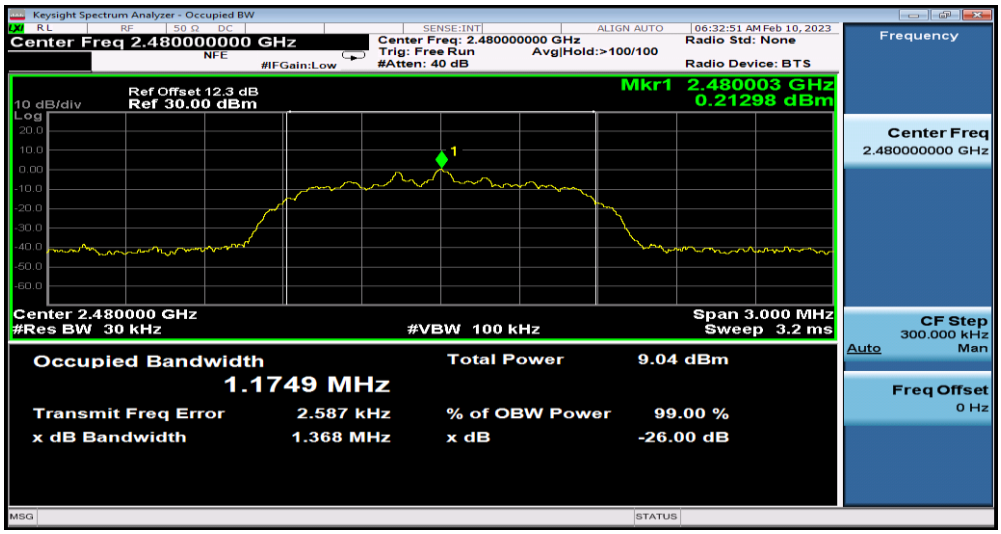
DH5_Ant1_2480



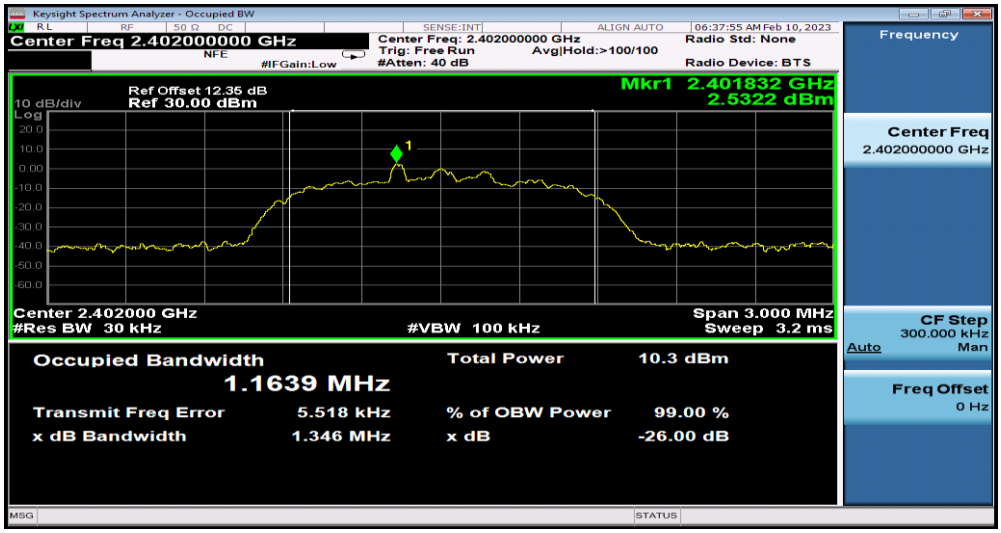
2DH5_Ant1_2402



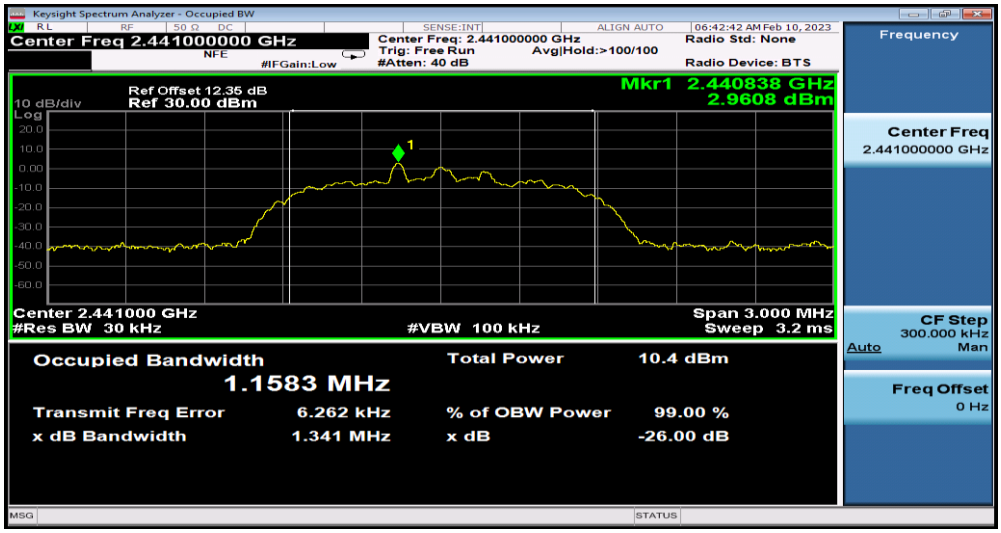
2DH5_Ant1_2441



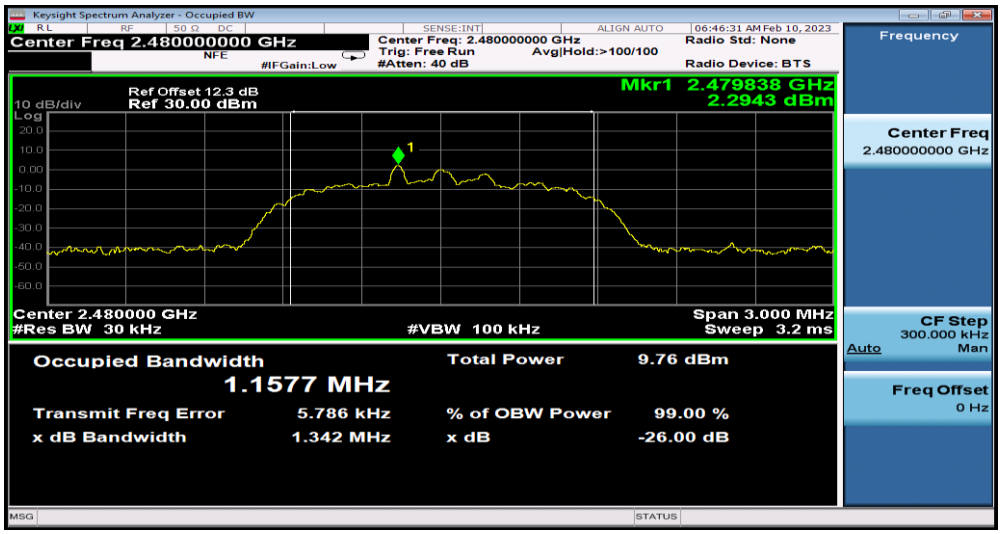
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



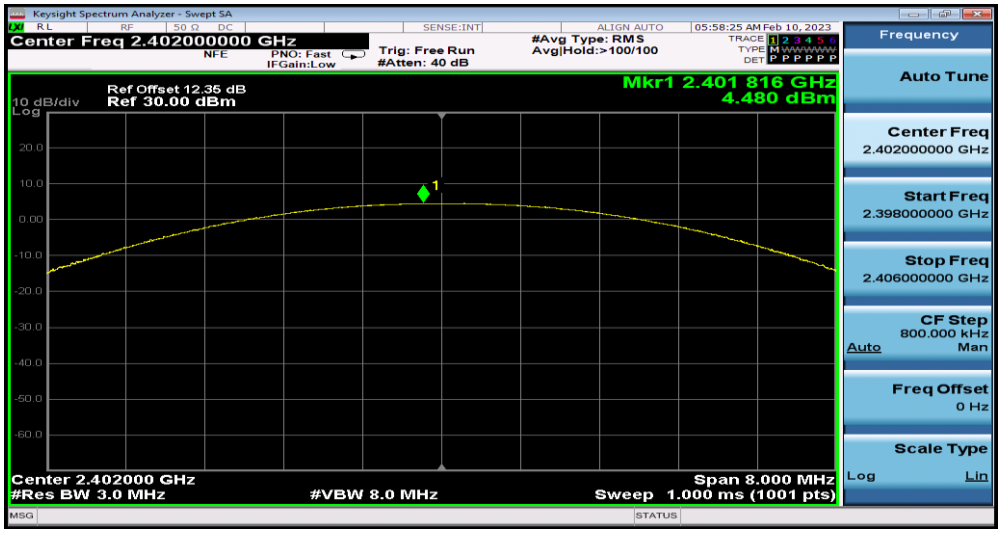
3DH5_Ant1_2480

Appendix C: Maximum conducted output power

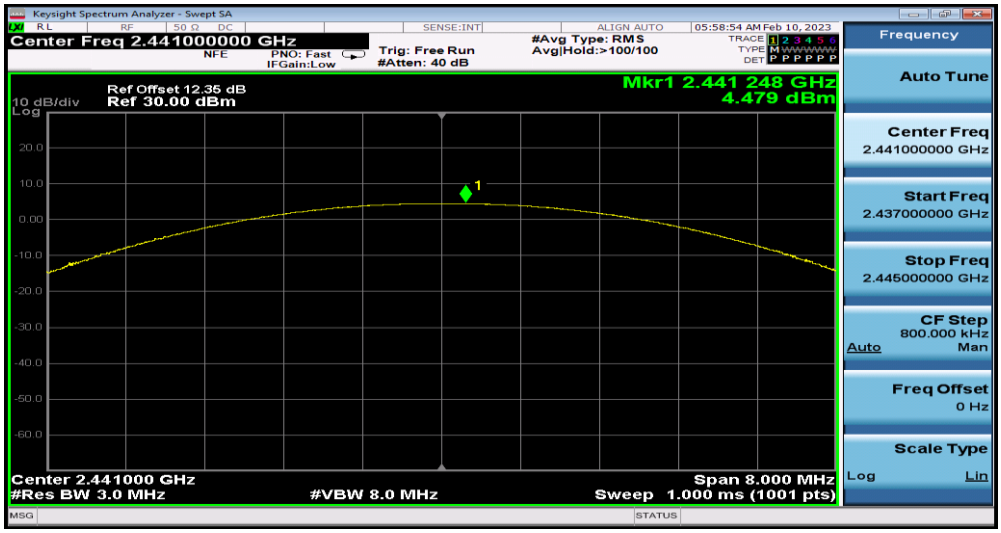
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	4.48	≤20.97	PASS
		2441	4.48	≤20.97	PASS
		2480	3.76	≤20.97	PASS
2DH5	Ant1	2402	4.4	≤20.97	PASS
		2441	4.37	≤20.97	PASS
		2480	3.69	≤20.97	PASS
3DH5	Ant1	2402	4.49	≤20.97	PASS
		2441	4.53	≤20.97	PASS
		2480	3.83	≤20.97	PASS

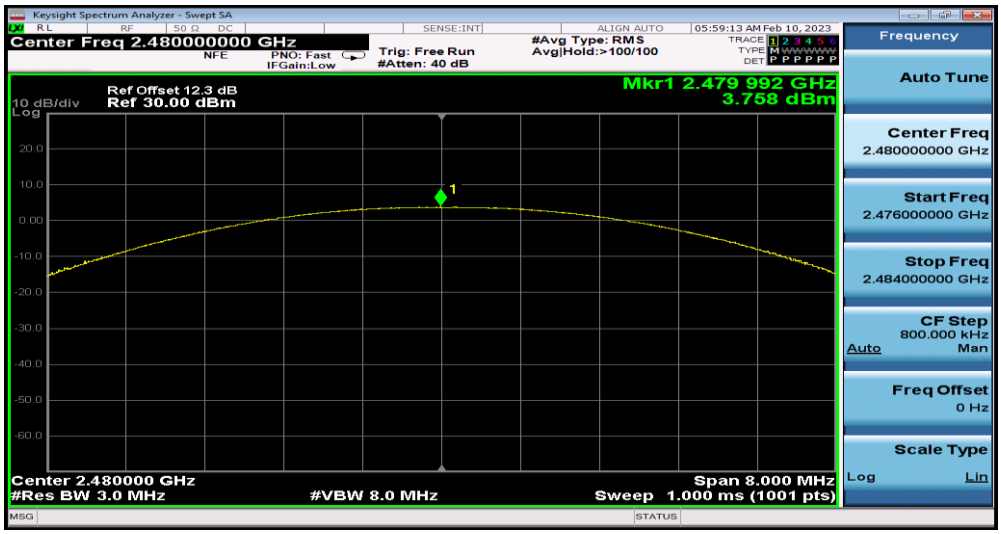
Test Graphs



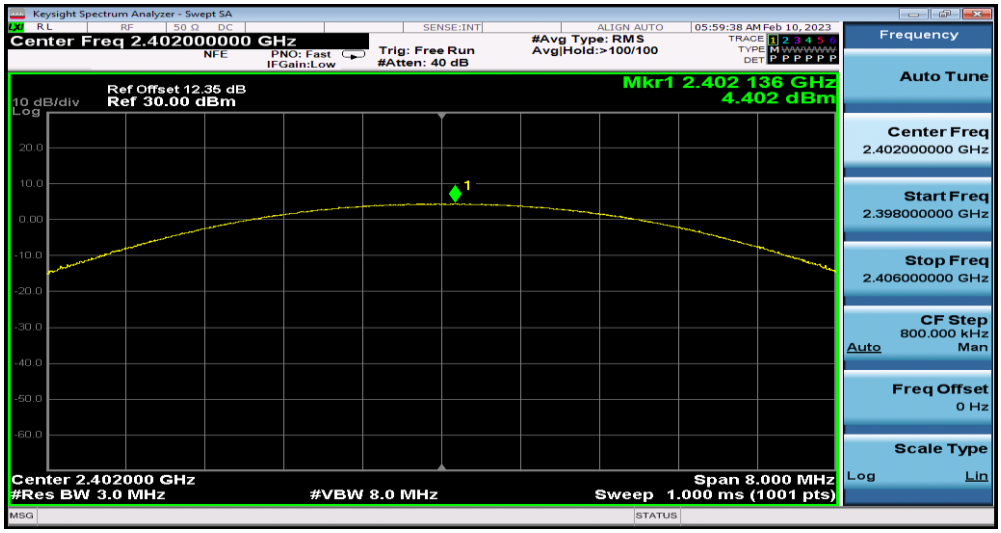
DH5_Ant1_2402



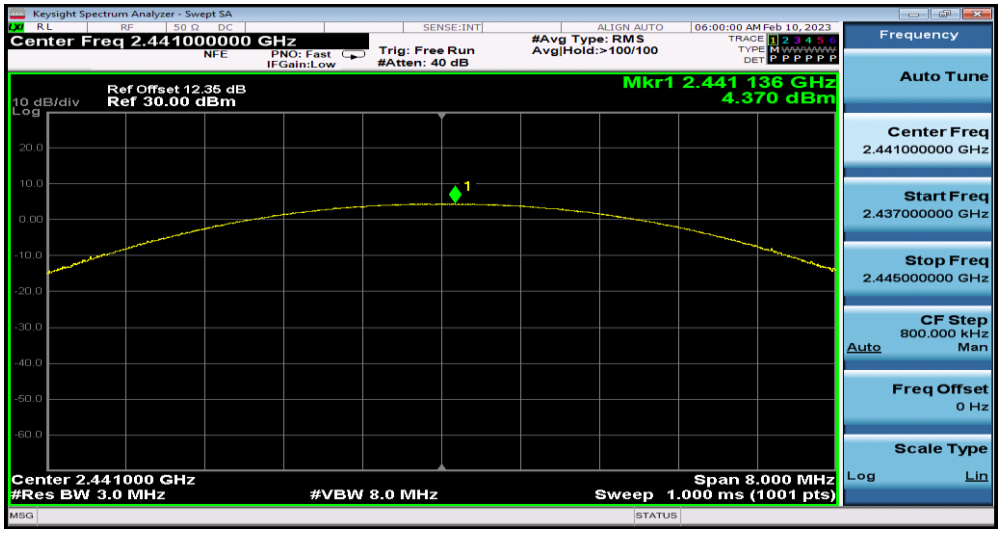
DH5_Ant1_2441



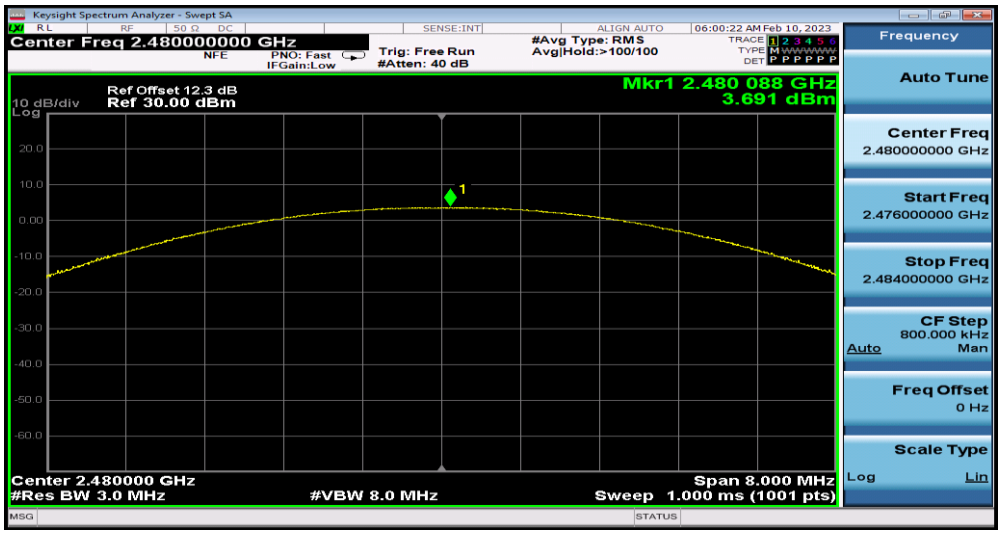
DH5_Ant1_2480



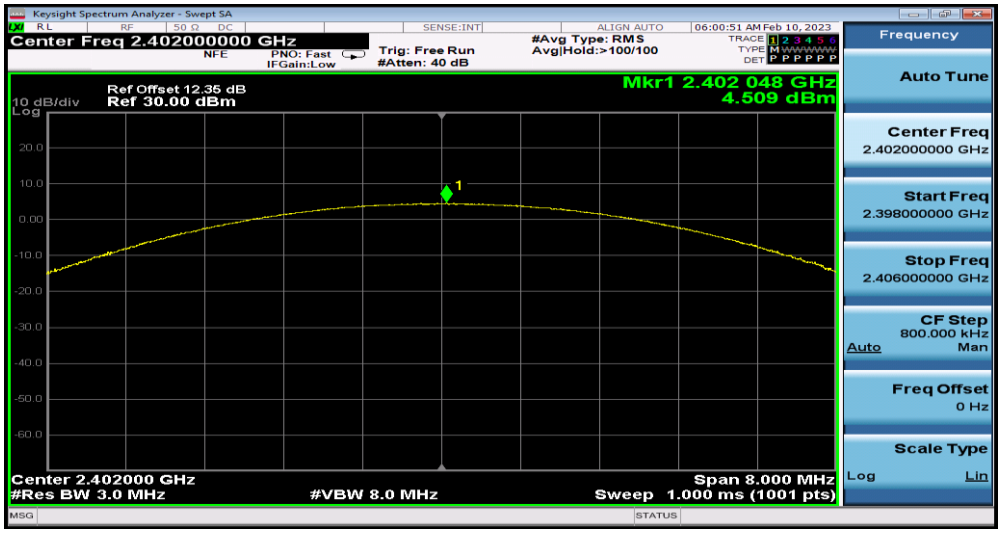
2DH5_Ant1_2402



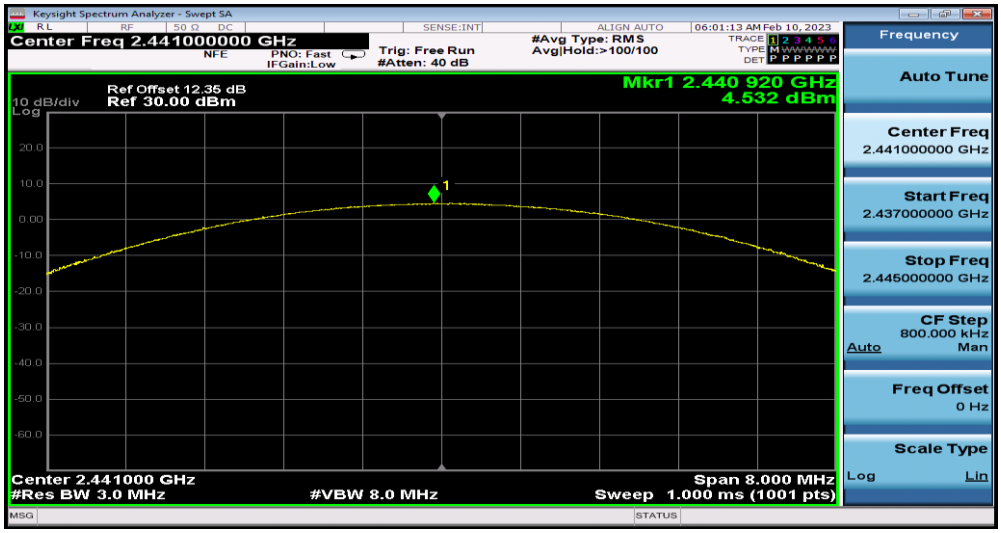
2DH5_Ant1_2441



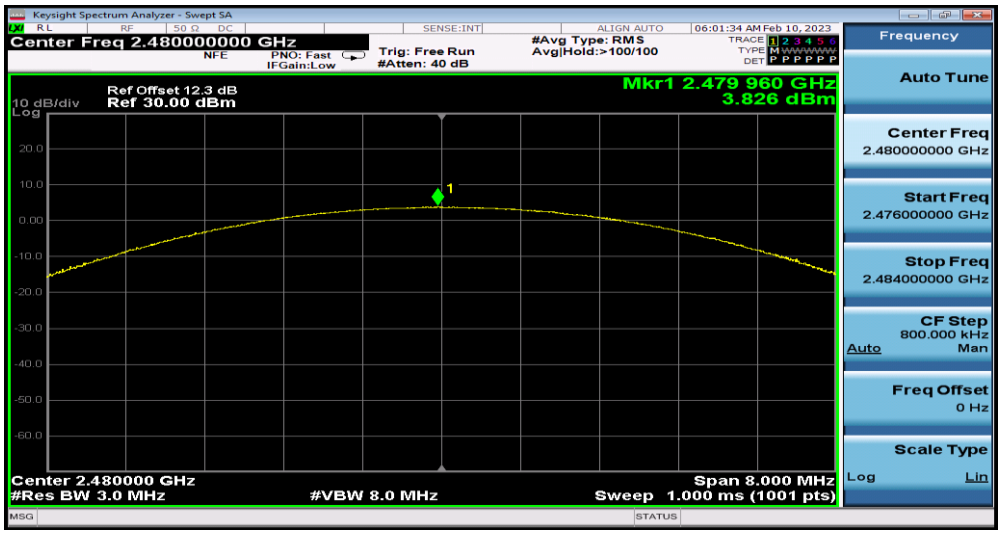
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



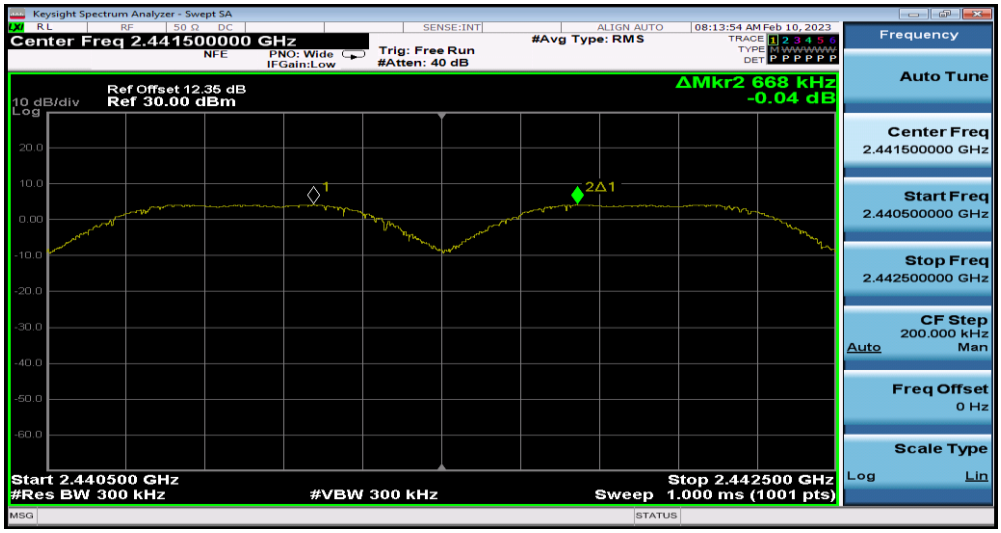
3DH5_Ant1_2480

Appendix D: Carrier frequency separation

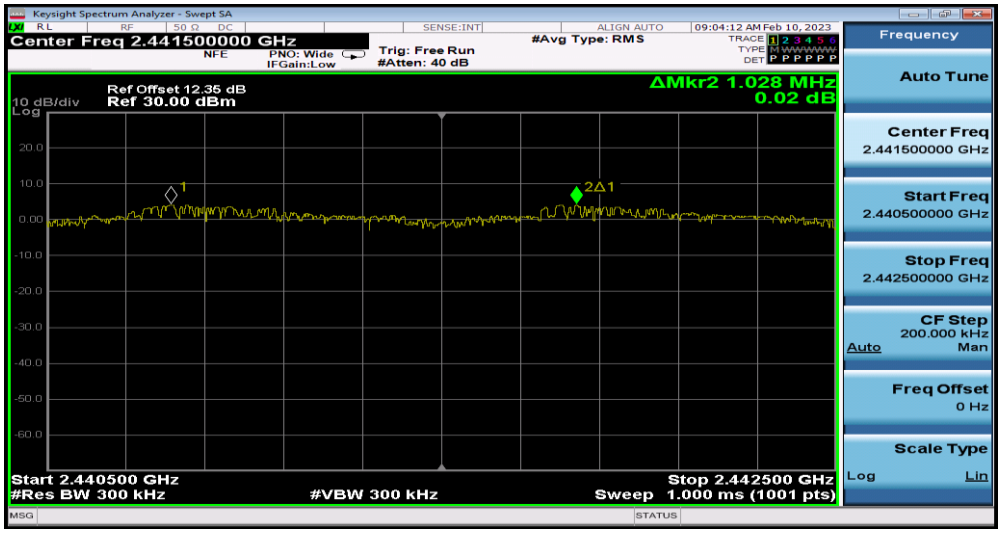
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Hop	0.668	≥0.636	PASS
2DH5	Ant1	Hop	1.028	≥0.862	PASS
3DH5	Ant1	Hop	1.042	≥0.850	PASS

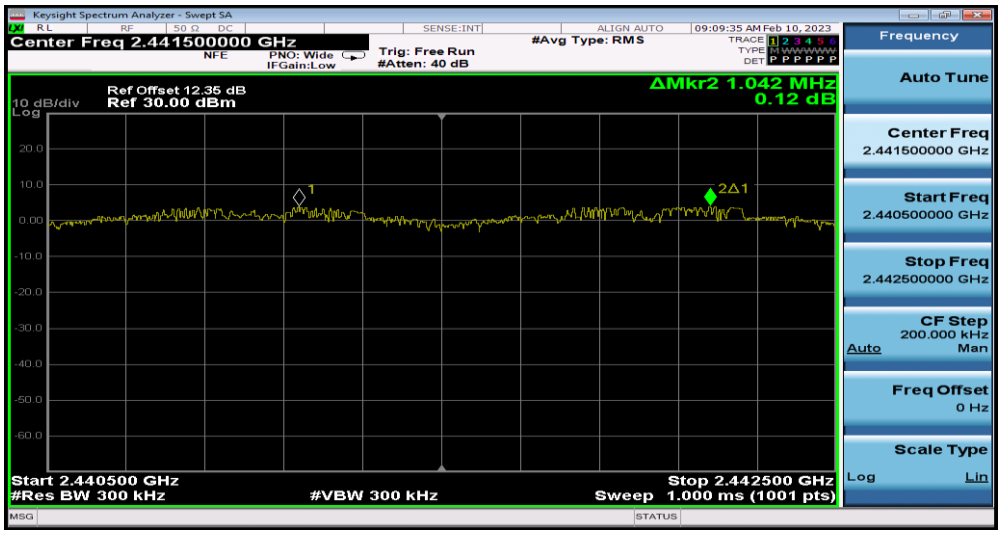
Test Graphs



DH5_Ant1_Hop



2DH5_Ant1_Hop



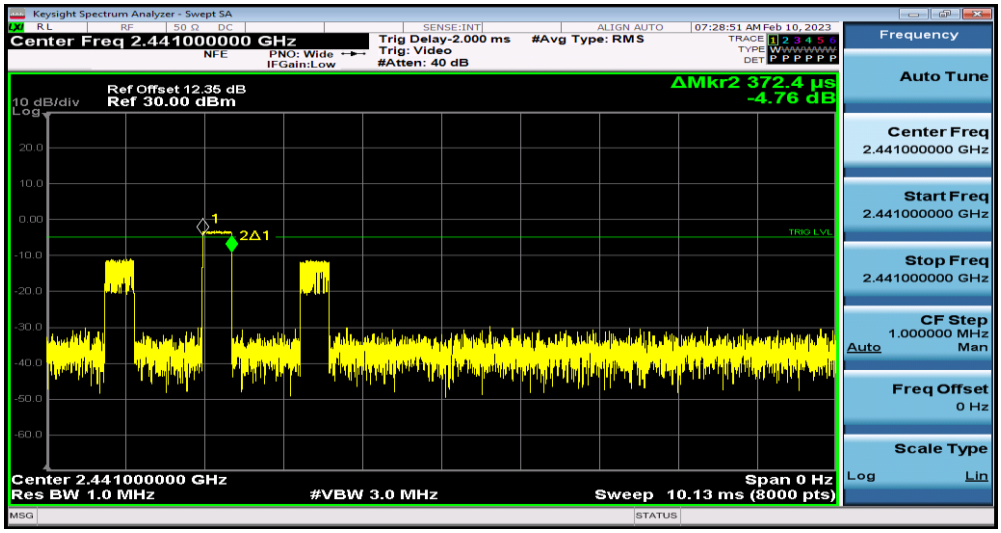
3DH5_Ant1_Hop

Appendix E: Time of occupancy

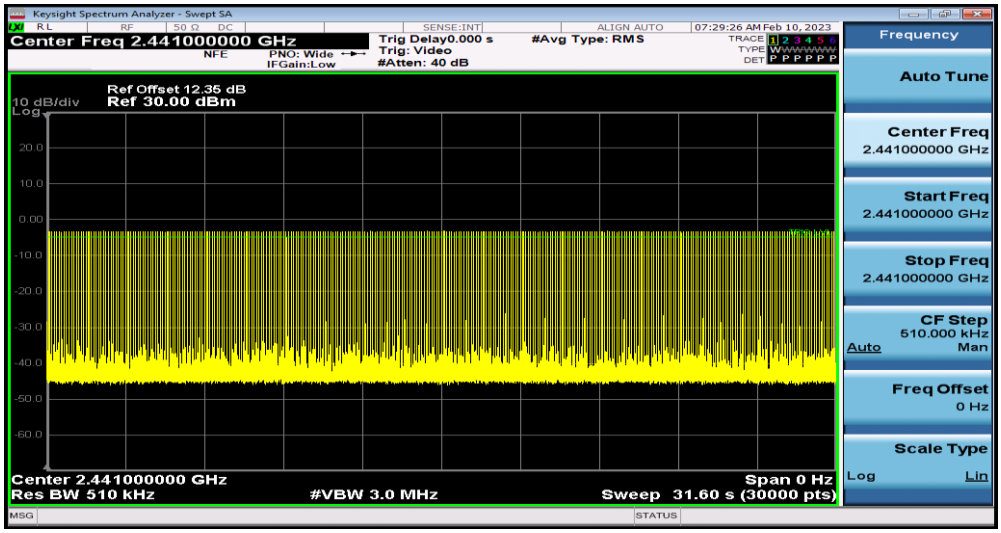
Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.37	319	0.118	≤0.4	PASS
DH3	Ant1	Hop	1.62	160	0.259	≤0.4	PASS
DH5	Ant1	Hop	2.87	107	0.307	≤0.4	PASS
2DH1	Ant1	Hop	0.38	319	0.121	≤0.4	PASS
2DH3	Ant1	Hop	1.63	160	0.261	≤0.4	PASS
2DH5	Ant1	Hop	2.88	107	0.308	≤0.4	PASS
3DH1	Ant1	Hop	0.38	319	0.121	≤0.4	PASS
3DH3	Ant1	Hop	1.63	160	0.261	≤0.4	PASS
3DH5	Ant1	Hop	2.88	107	0.308	≤0.4	PASS

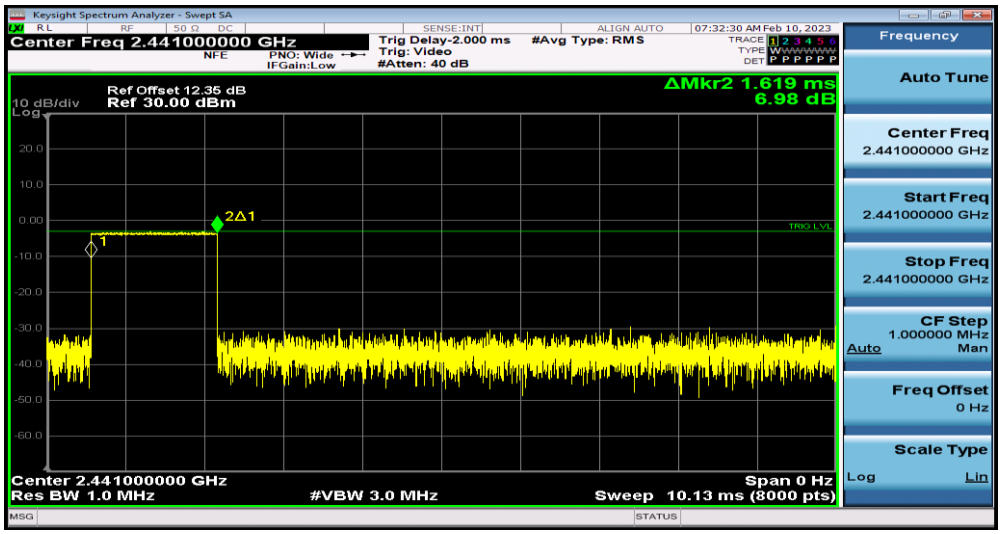
Test Graphs



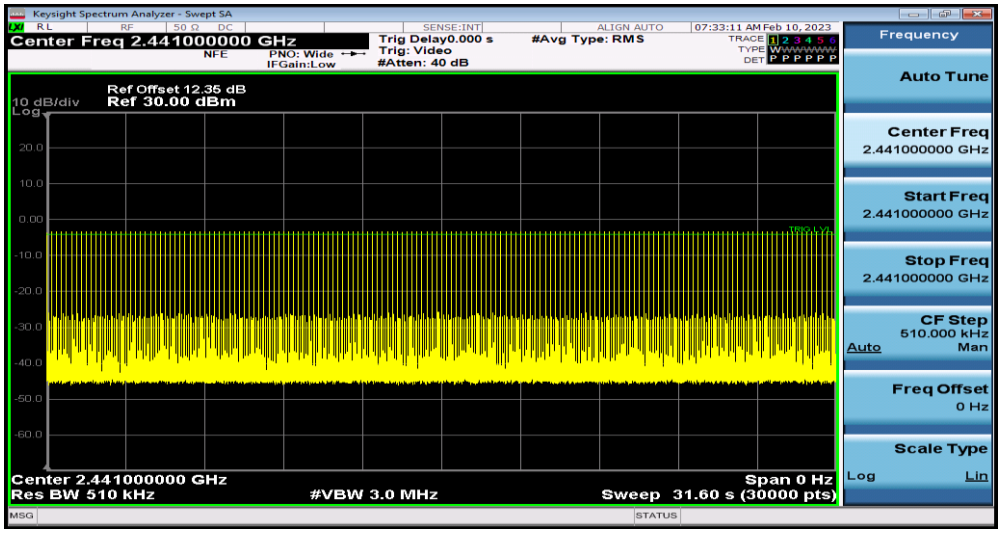
DH1_Ant1_Hop



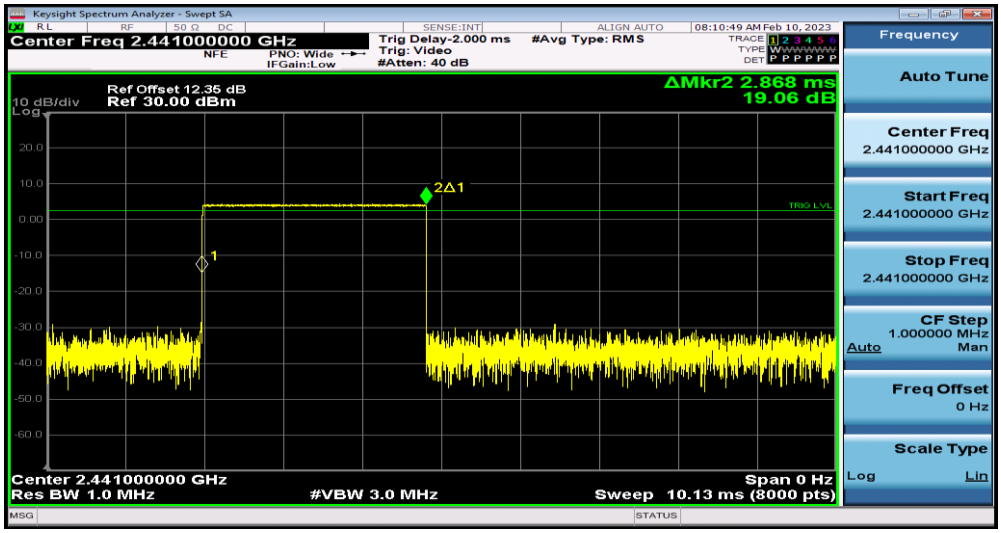
DH1_Ant1_Hop



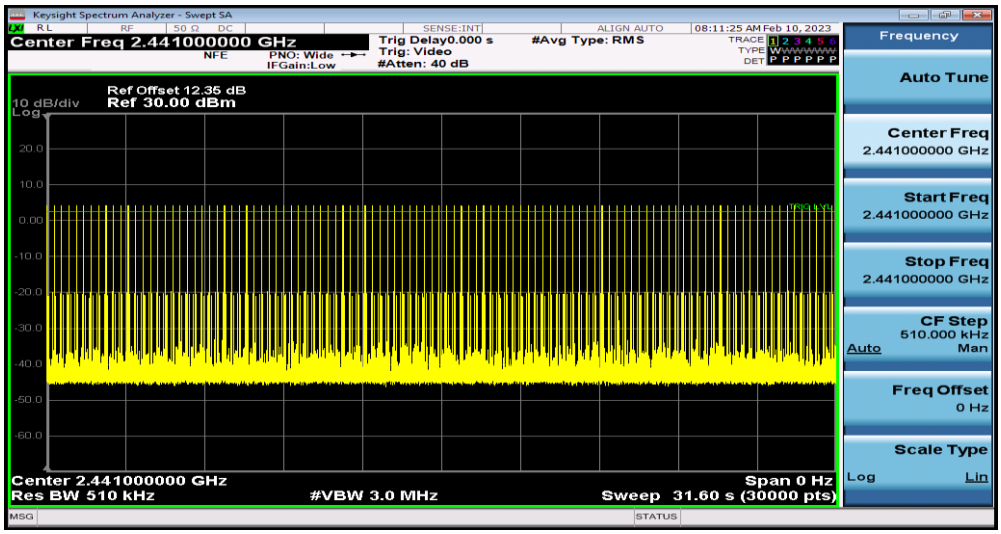
DH3_Ant1_Hop



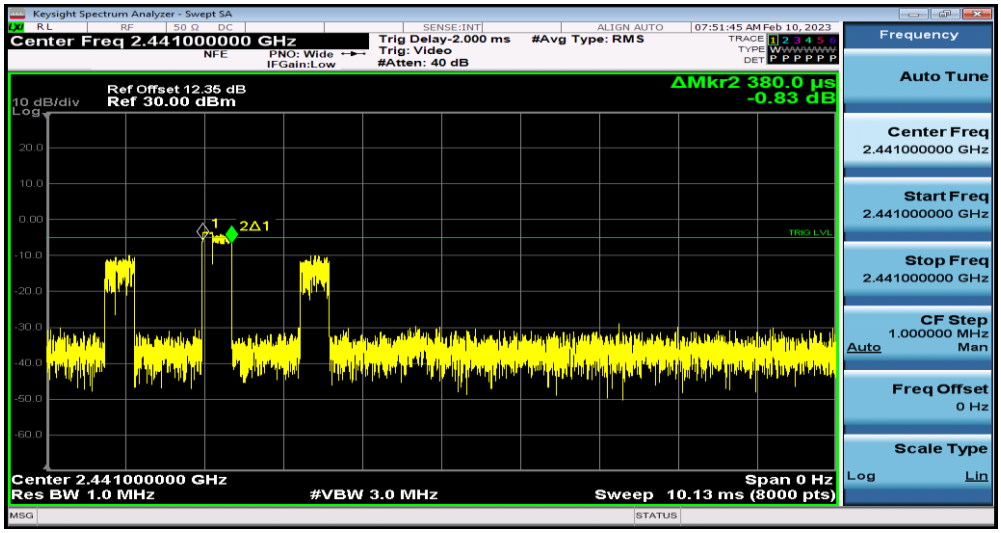
DH3_Ant1_Hop



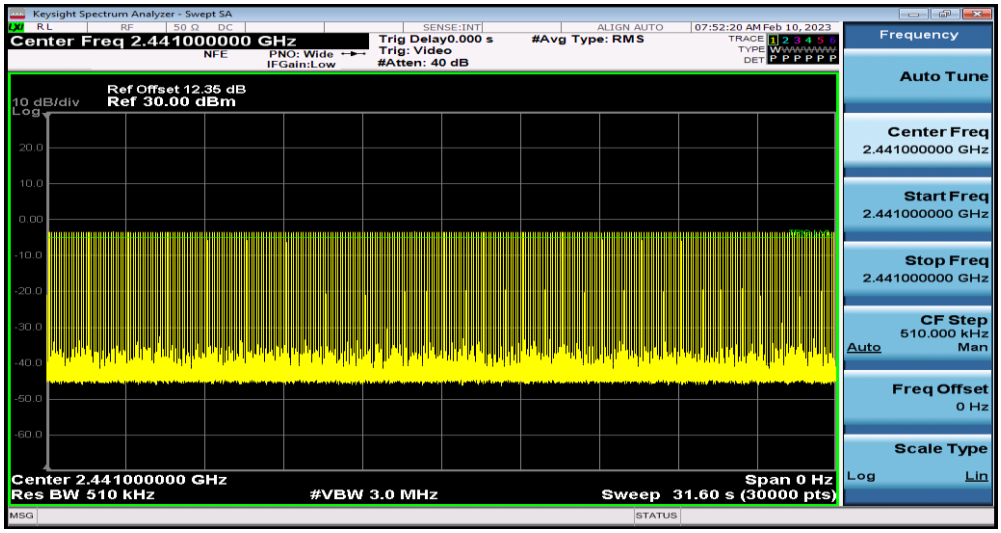
DH5_Ant1_Hop



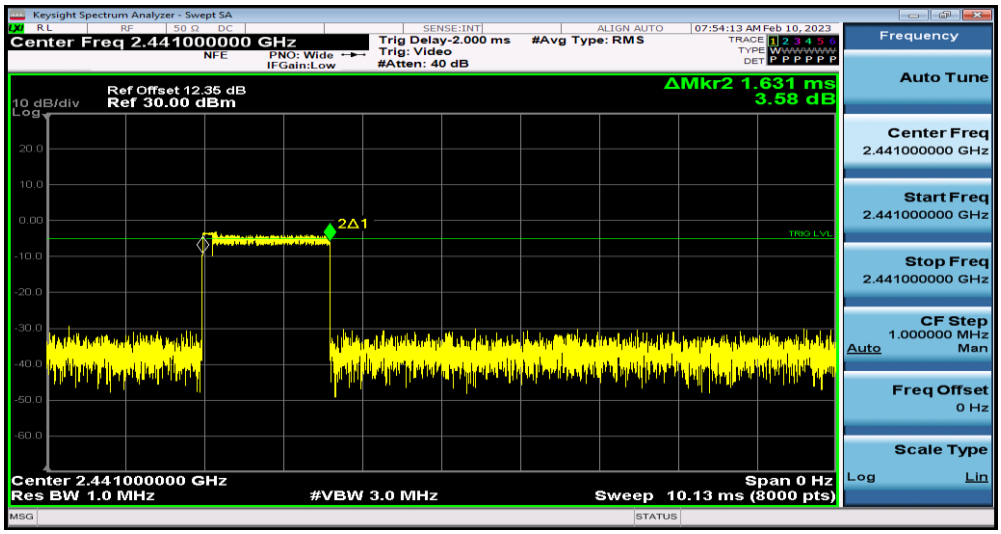
DH5_Ant1_Hop



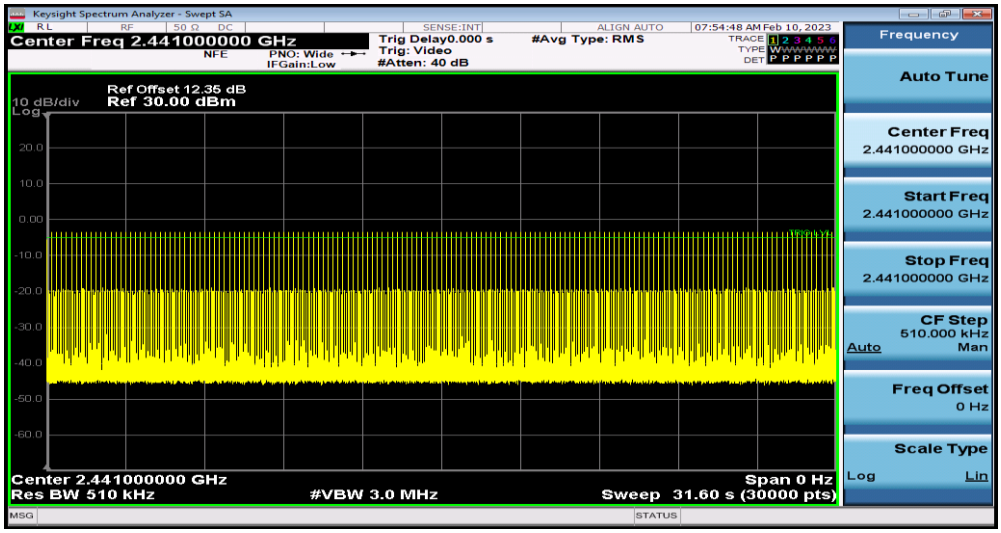
2DH1_Ant1_Hop



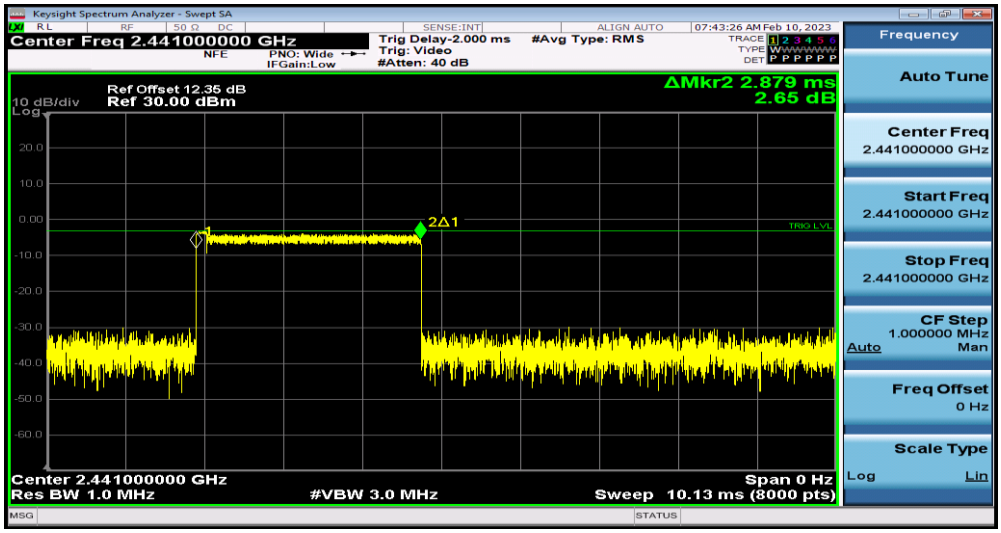
2DH1_Ant1_Hop



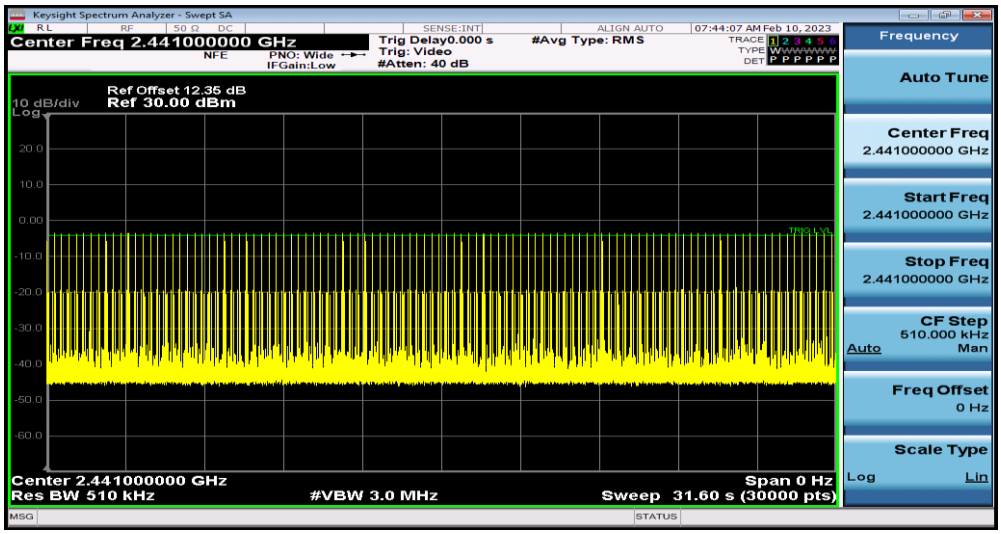
2DH3_Ant1_Hop



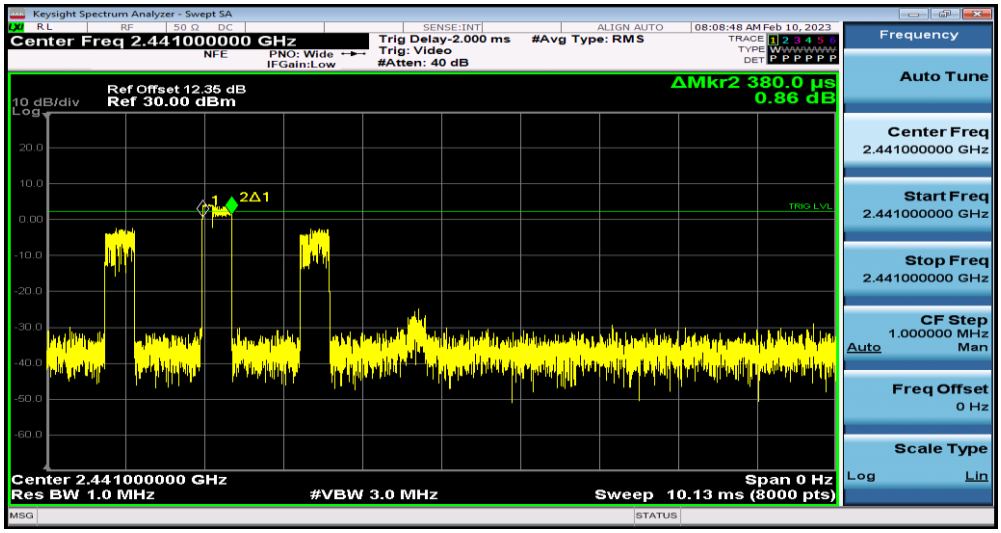
2DH3_Ant1_Hop



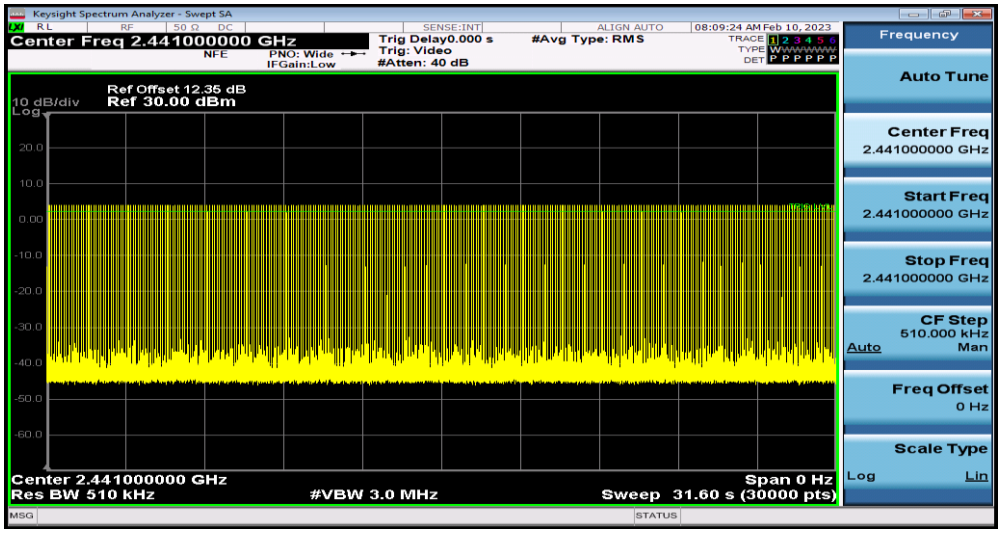
2DH5_Ant1_Hop



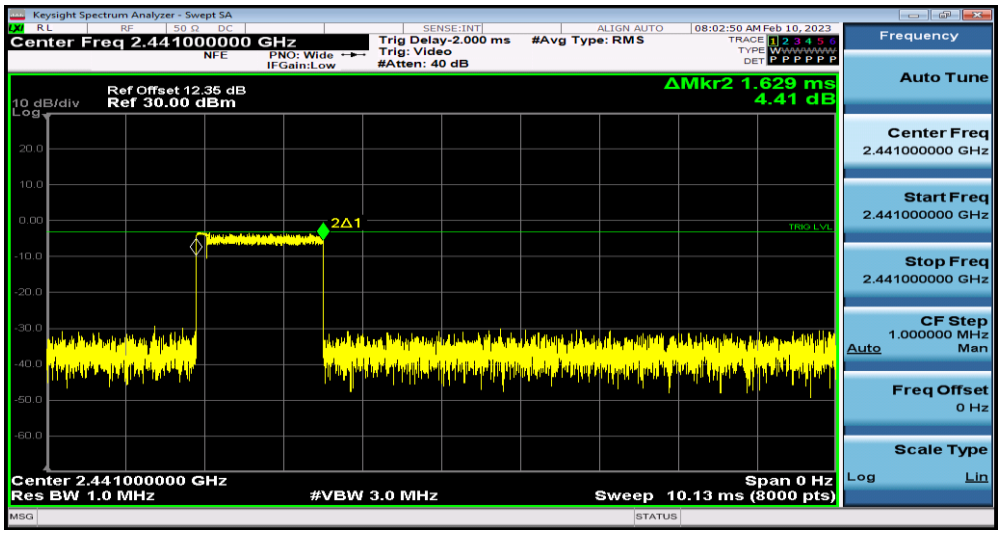
2DH5_Ant1_Hop



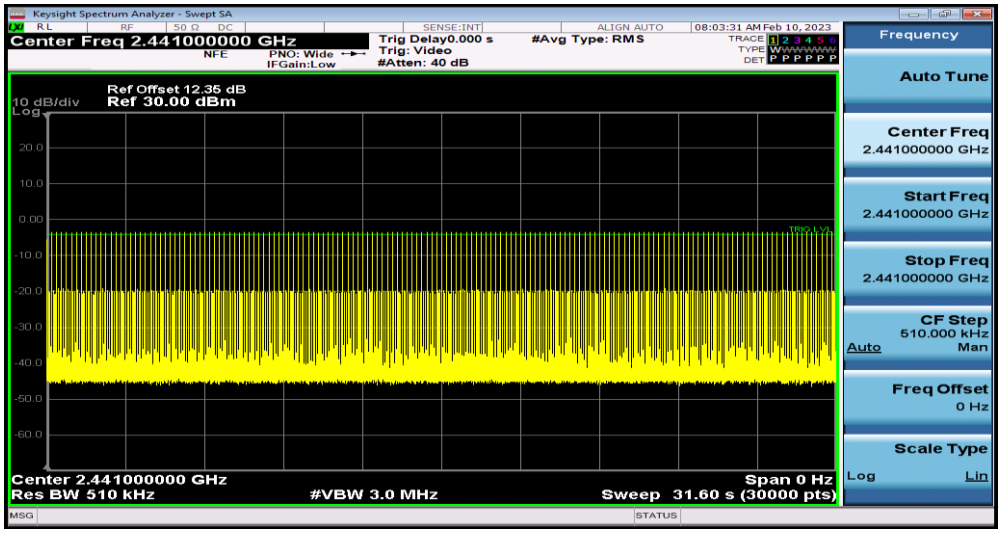
3DH1_Ant1_Hop



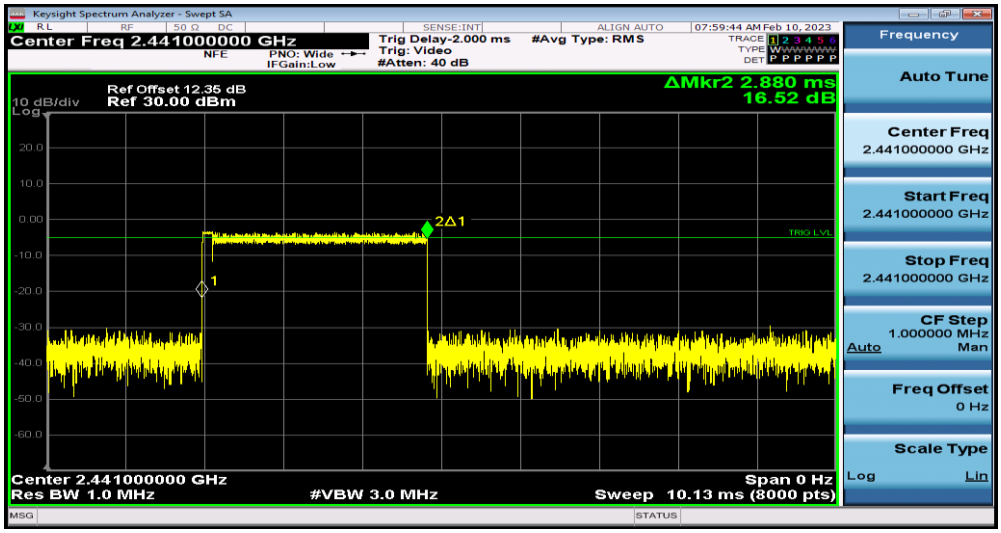
3DH1_Ant1_Hop



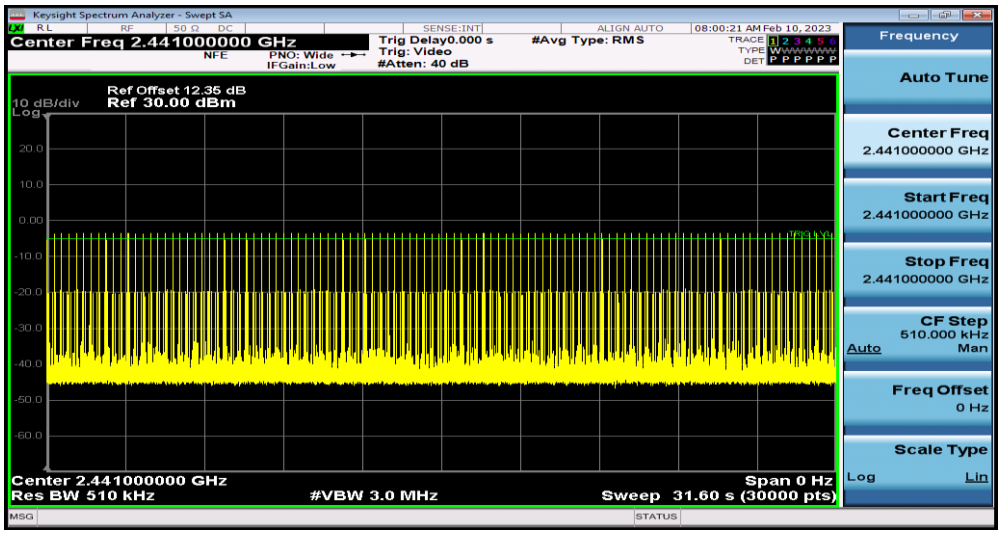
3DH3_Ant1_Hop



3DH3_Ant1_Hop



3DH5_Ant1_Hop



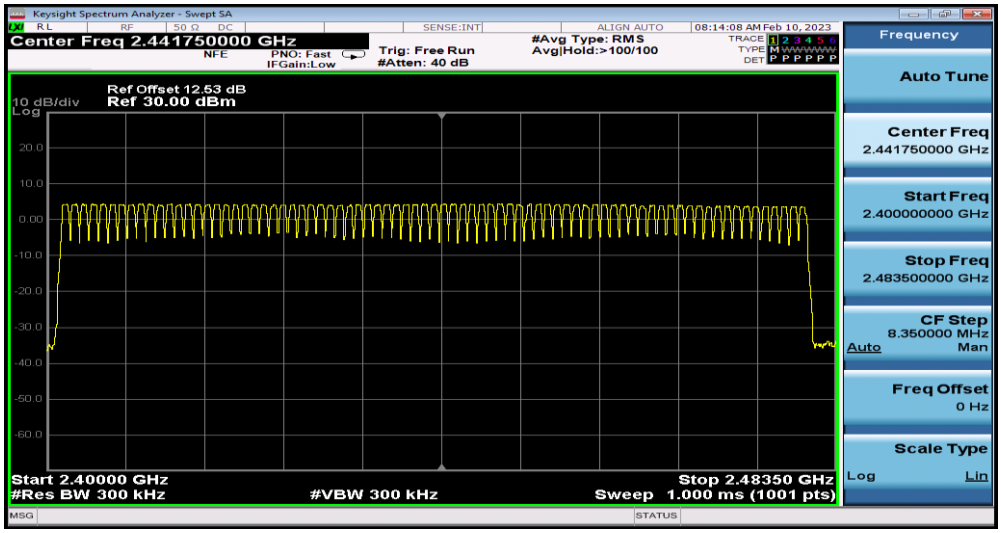
3DH5_Ant1_Hop

Appendix F: Number of hopping channels

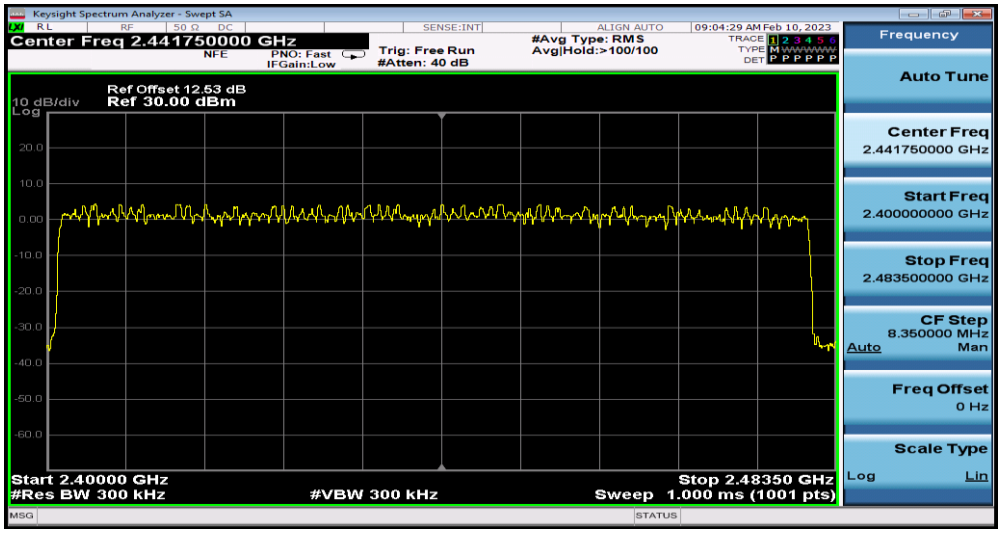
Test Result

TestMode	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

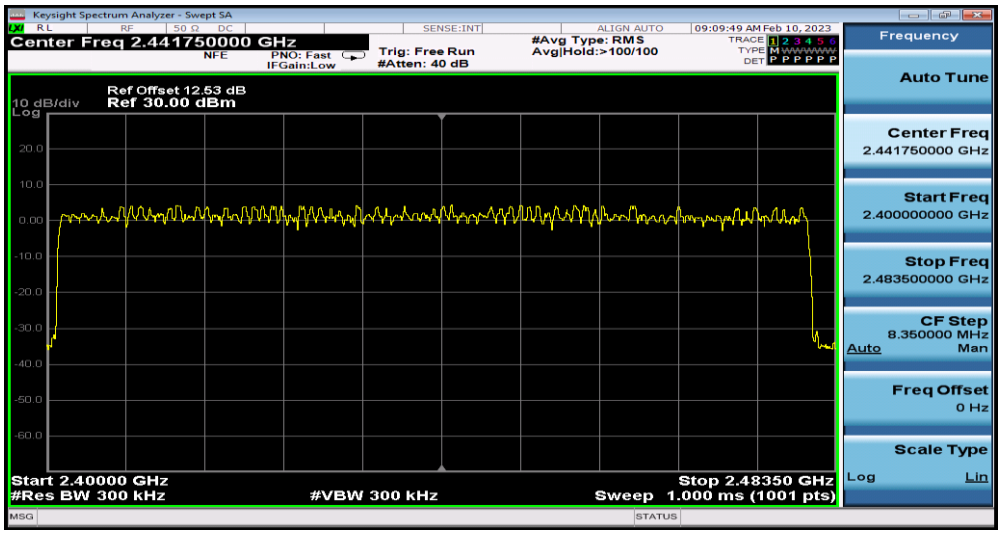
Test Graphs



DH5_Ant1_Hop



2DH5_Ant1_Hop



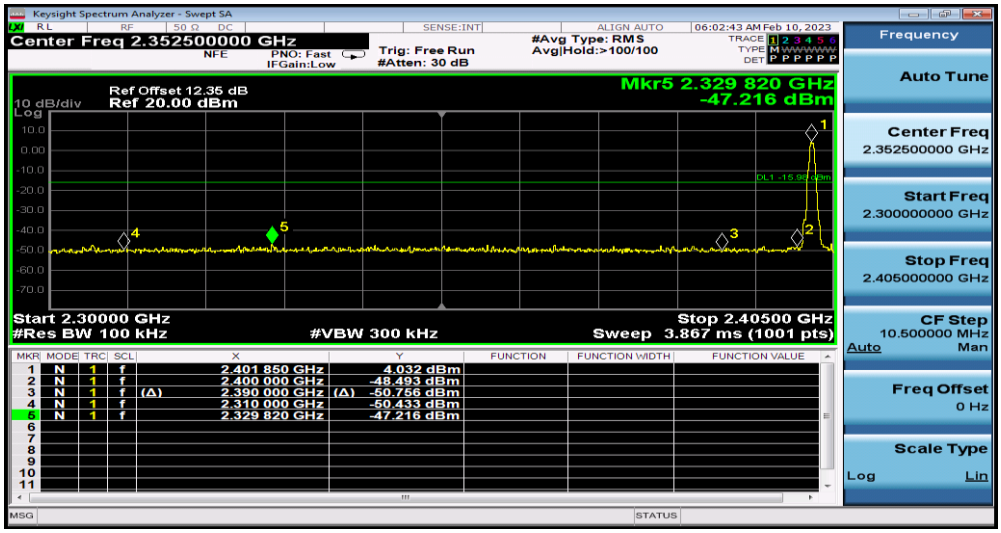
3DH5_Ant1_Hop

Appendix G: Band edge measurements

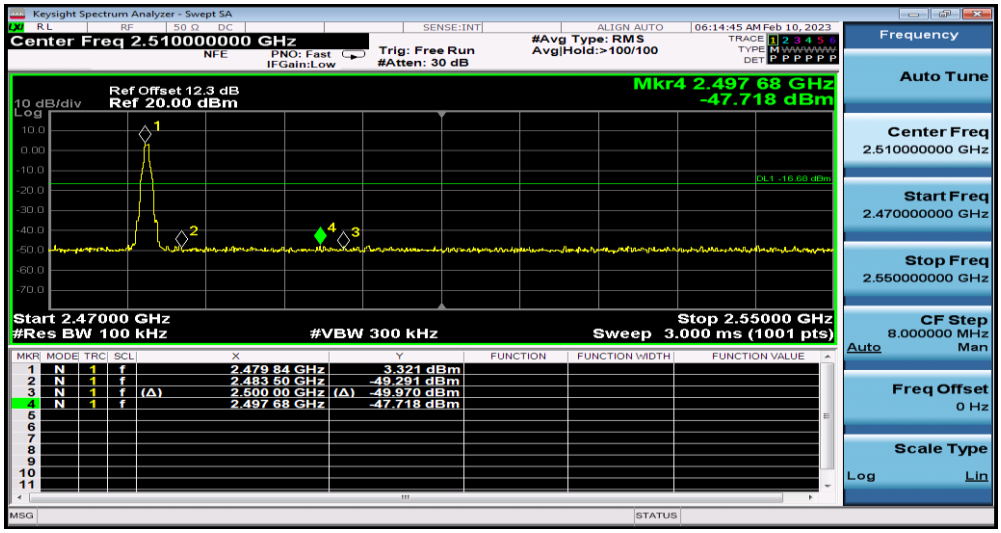
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	4.03	-47.22	≤-15.98	PASS
		High	2480	3.32	-47.72	≤-16.68	PASS
		Low	Hop_2402	3.18	-47.1	≤-16.82	PASS
		High	Hop_2480	-4.72	-47.93	≤-24.72	PASS
2DH5	Ant1	Low	2402	3.08	-47.46	≤-16.92	PASS
		High	2480	2.66	-47.95	≤-17.34	PASS
		Low	Hop_2402	2.59	-47.19	≤-17.41	PASS
		High	Hop_2480	2.18	-47.15	≤-17.82	PASS
3DH5	Ant1	Low	2402	3.97	-47.66	≤-16.03	PASS
		High	2480	3.25	-47.86	≤-16.75	PASS
		Low	Hop_2402	0.52	-47.56	≤-19.48	PASS
		High	Hop_2480	2.05	-48.06	≤-17.95	PASS

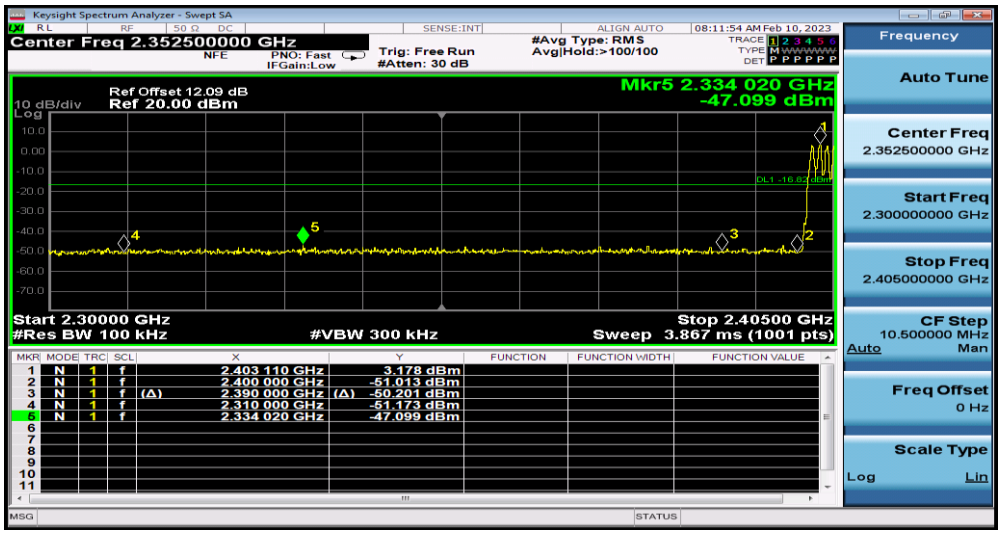
Test Graphs



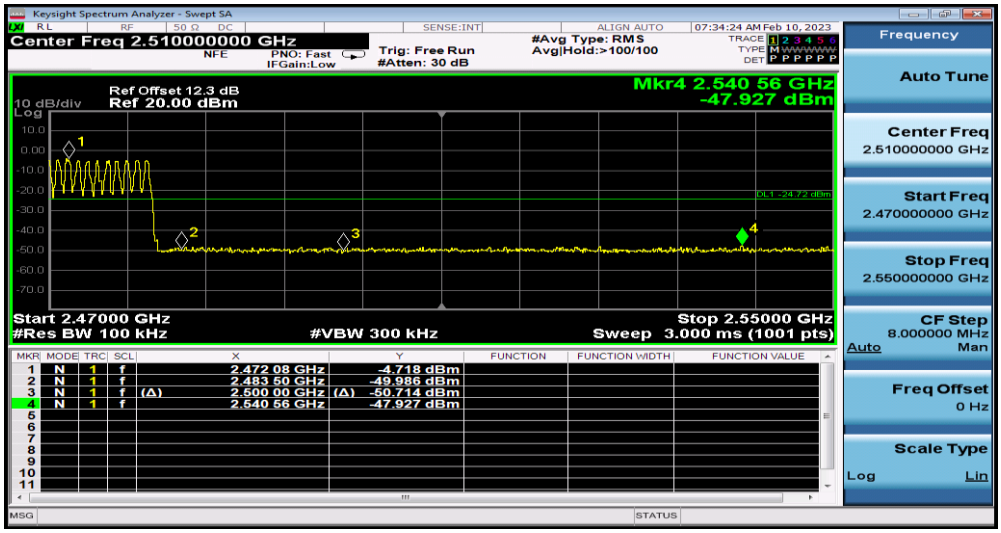
DH5_Ant1_Low_2402



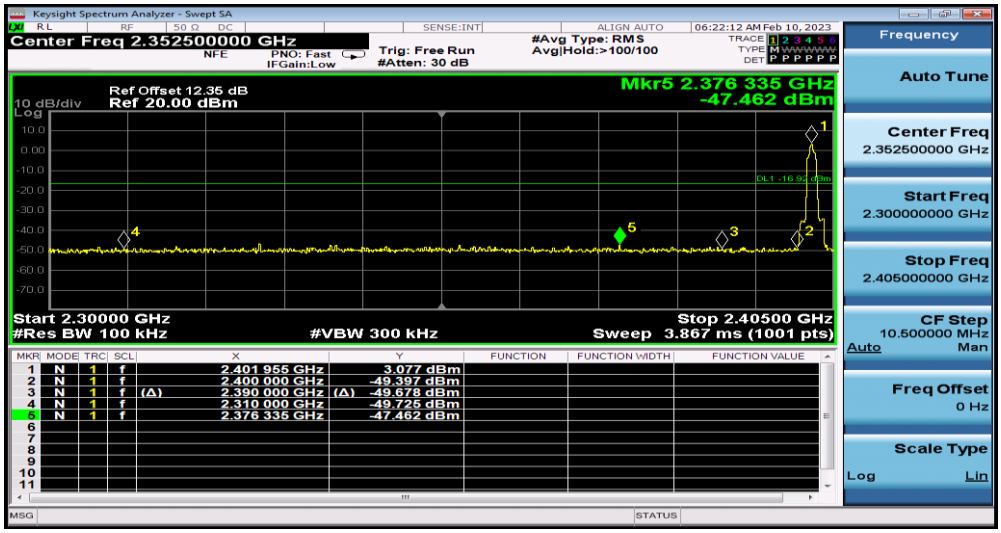
DH5_Ant1_High_2480



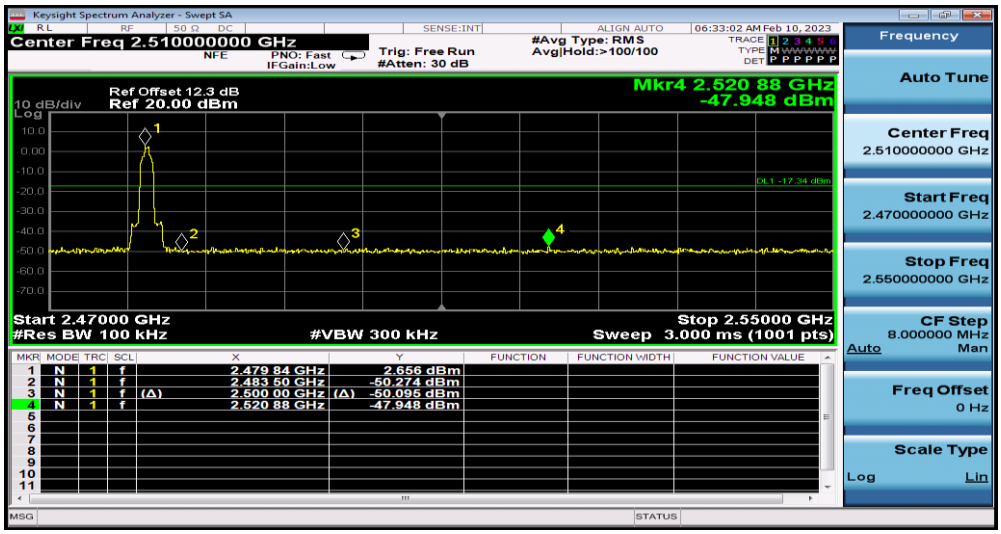
DH5_Ant1_Low_Hop_2402



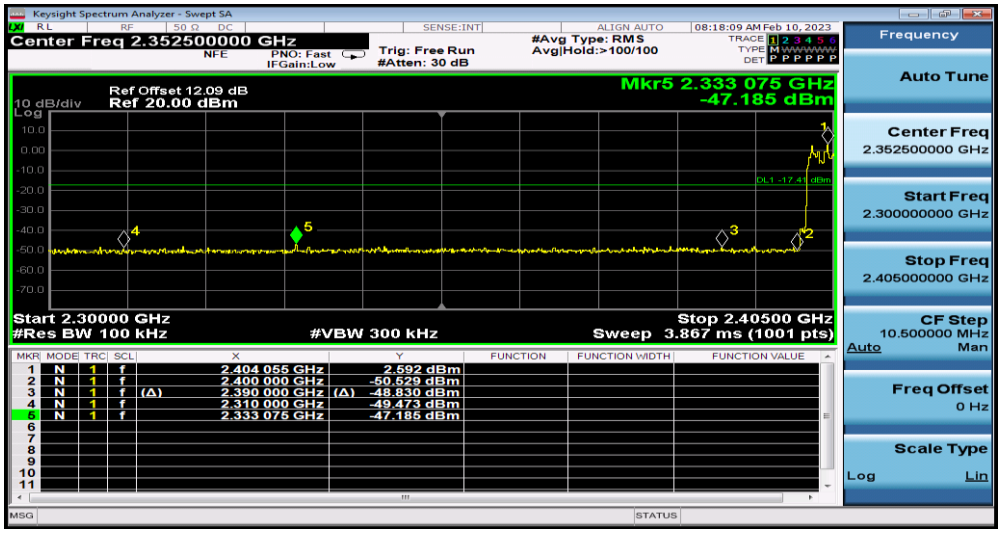
DH5_Ant1_High_Hop_2480



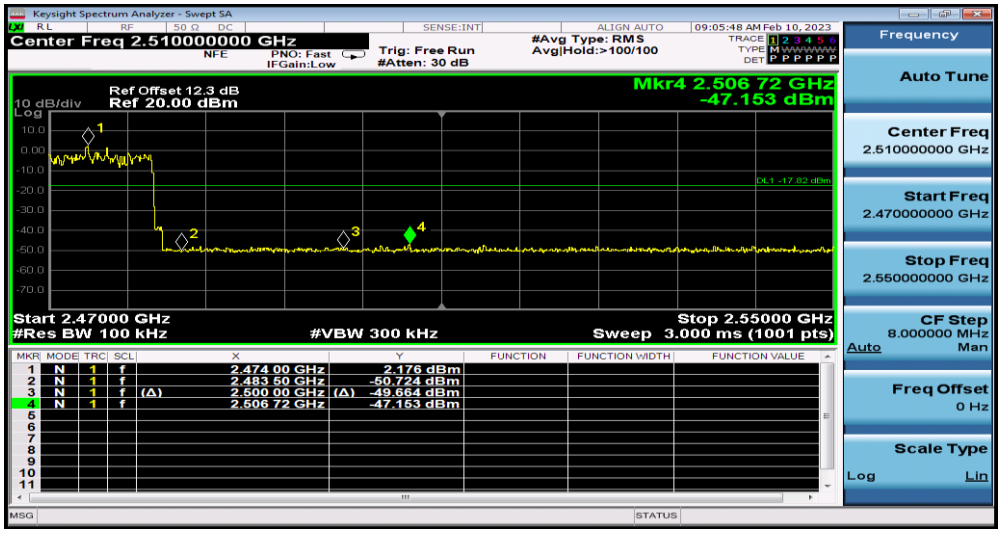
2DH5_Ant1_Low_2402



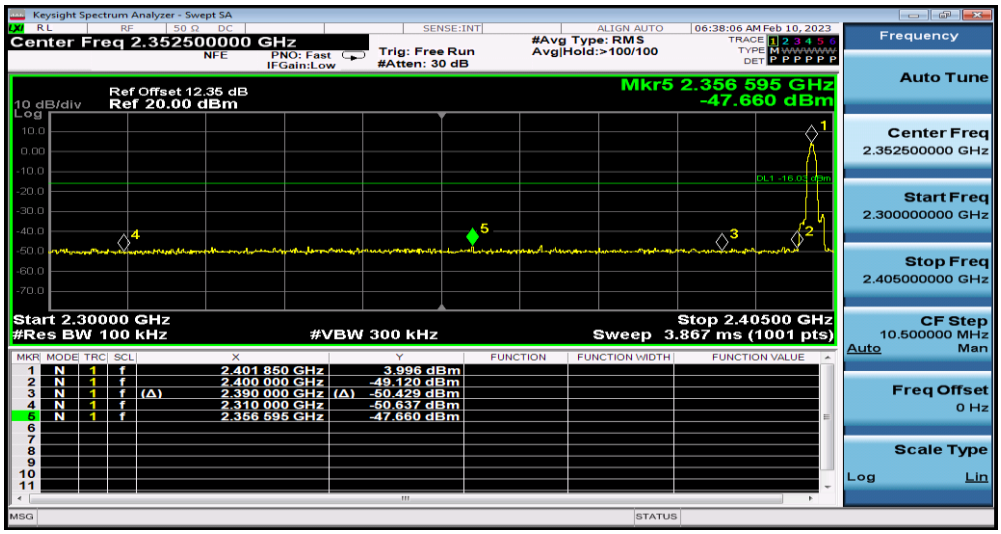
2DH5_Ant1_High_2480



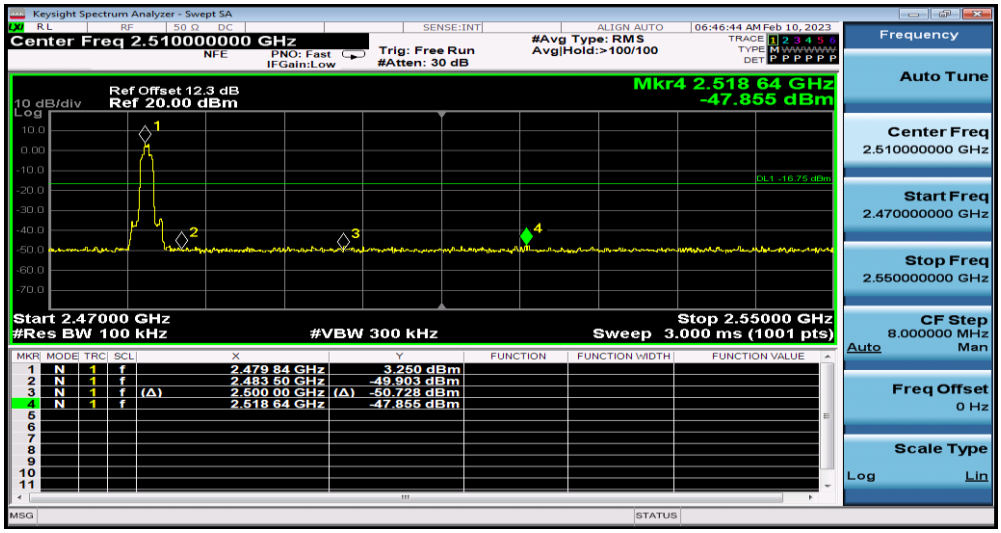
2DH5_Ant1_Low_Hop_2402



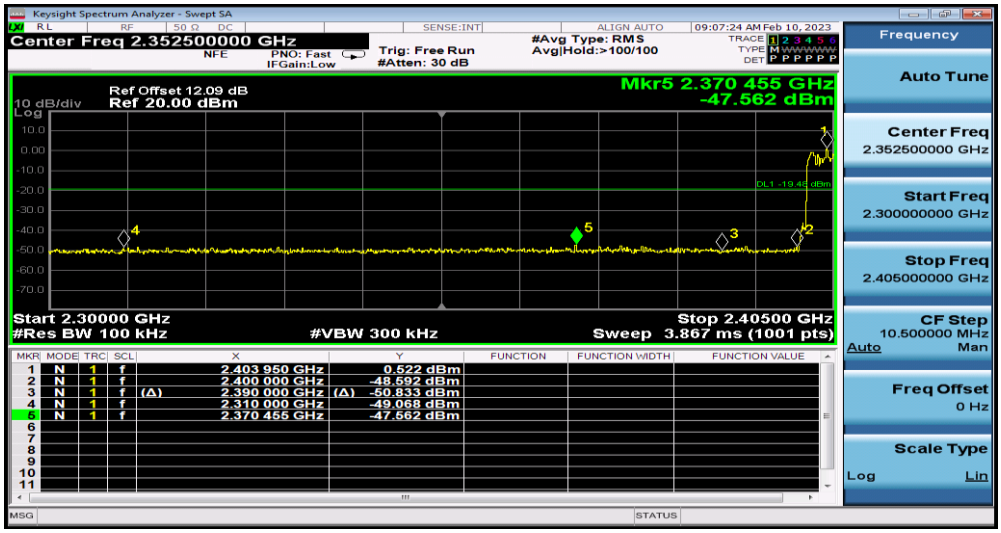
2DH5_Ant1_High_Hop_2480



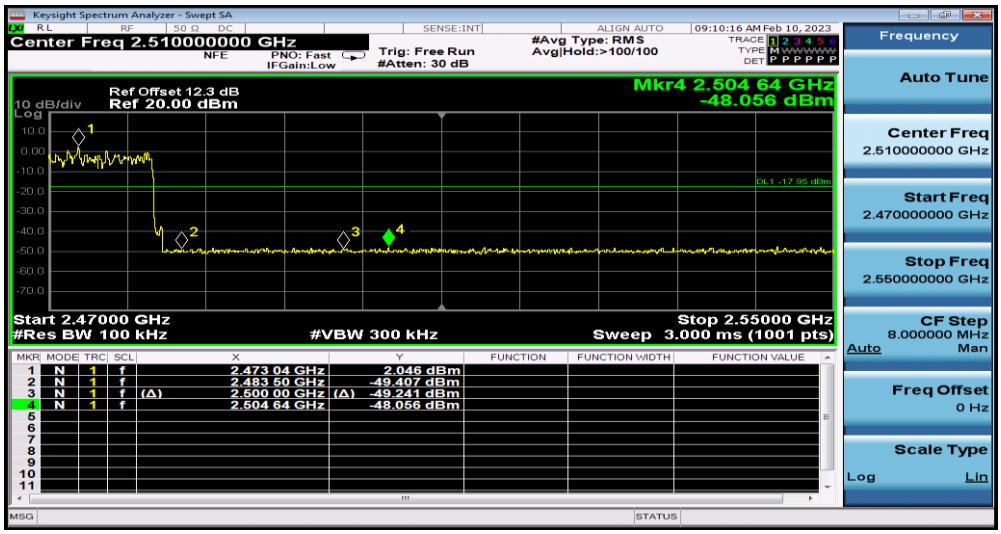
3DH5_Ant1_Low_2402



3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



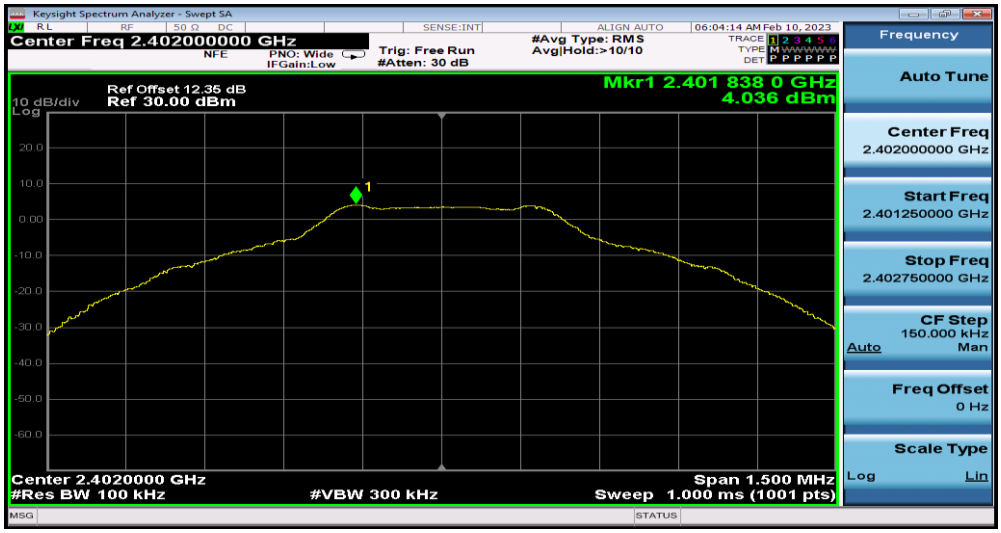
3DH5_Ant1_High_Hop_2480

Appendix H: Conducted Spurious Emission

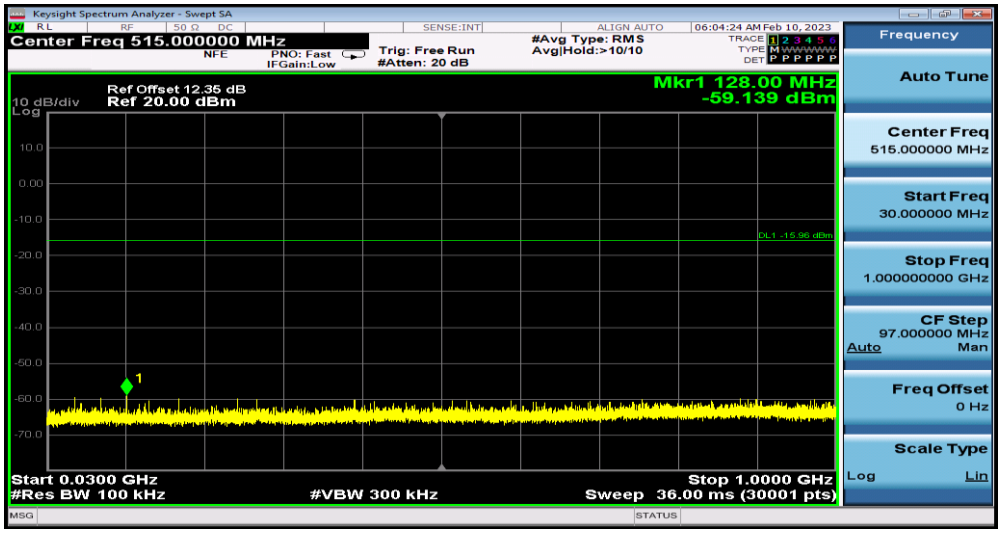
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	4.04	4.04	---	PASS
			30~1000	4.04	-59.14	≤-15.96	PASS
			1000~26500	4.04	-46.86	≤-15.96	PASS
		2441	Reference	4.11	4.11	---	PASS
			30~1000	4.11	-59	≤-15.89	PASS
			1000~26500	4.11	-43.96	≤-15.89	PASS
		2480	Reference	3.31	3.31	---	PASS
			30~1000	3.31	-57.59	≤-16.69	PASS
			1000~26500	3.31	-44.38	≤-16.69	PASS
2DH5	Ant1	2402	Reference	3.86	3.86	---	PASS
			30~1000	3.86	-59.85	≤-16.14	PASS
			1000~26500	3.86	-47.56	≤-16.14	PASS
		2441	Reference	3.83	3.83	---	PASS
			30~1000	3.83	-58.72	≤-16.17	PASS
			1000~26500	3.83	-47.68	≤-16.17	PASS
		2480	Reference	2.99	2.99	---	PASS
			30~1000	2.99	-57.67	≤-17.01	PASS
			1000~26500	2.99	-42.81	≤-17.01	PASS
3DH5	Ant1	2402	Reference	4.00	4.00	---	PASS
			30~1000	4.00	-59.55	≤-16	PASS
			1000~26500	4.00	-47.26	≤-16	PASS
		2441	Reference	4.00	4.00	---	PASS
			30~1000	4.00	-59.22	≤-16	PASS
			1000~26500	4.00	-47.4	≤-16	PASS
		2480	Reference	3.26	3.26	---	PASS
			30~1000	3.26	-58.74	≤-16.74	PASS
			1000~26500	3.26	-49.26	≤-16.74	PASS

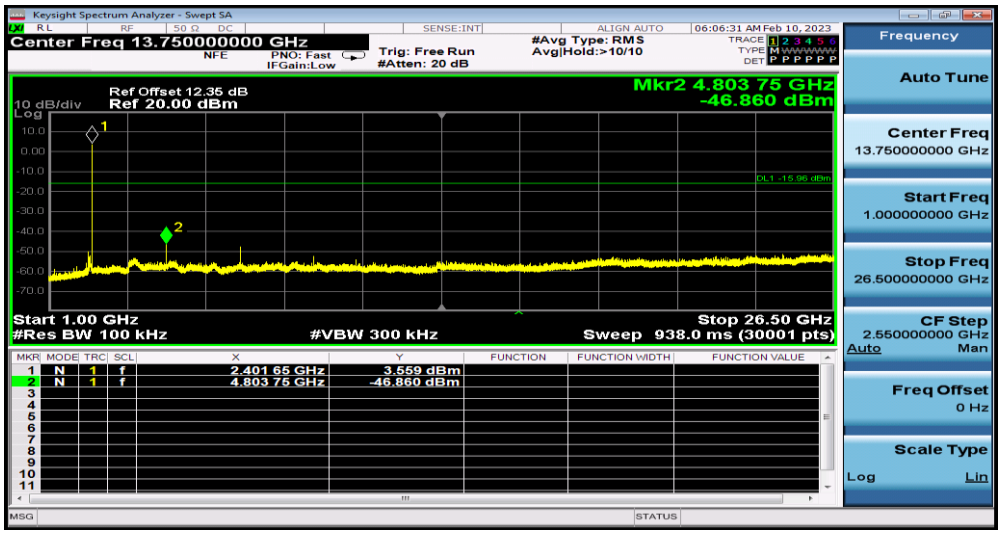
Test Graphs



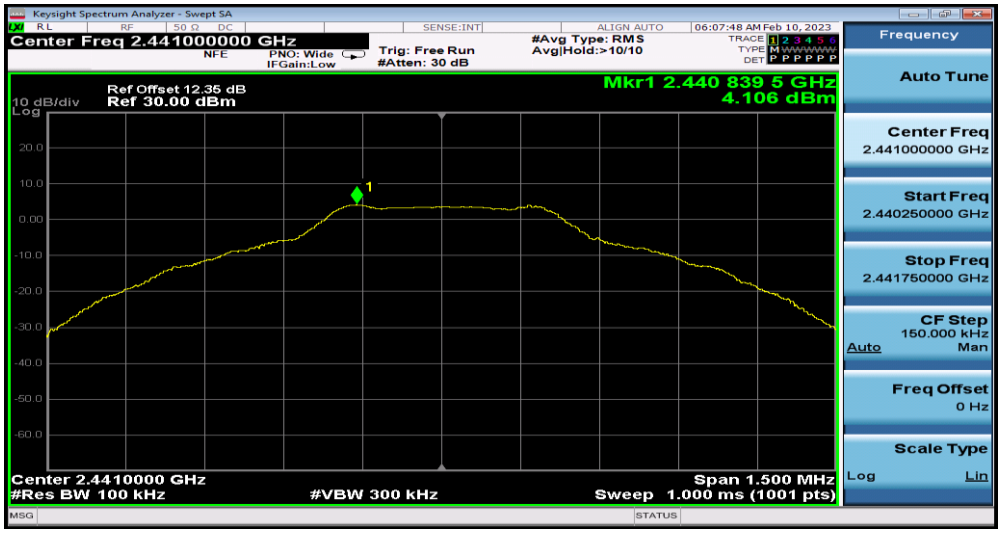
DH5_Ant1_2402_0~Reference



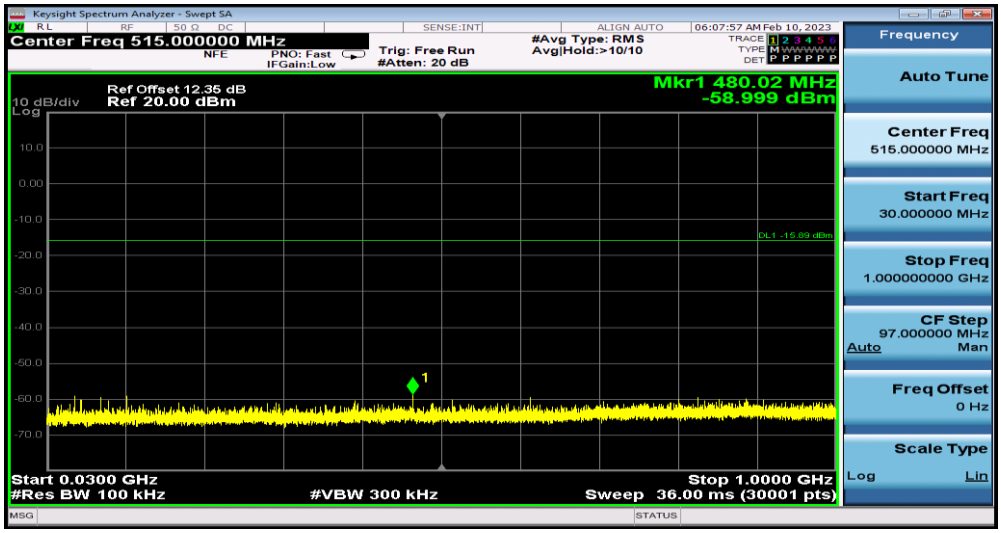
DH5_Ant1_2402_30~1000



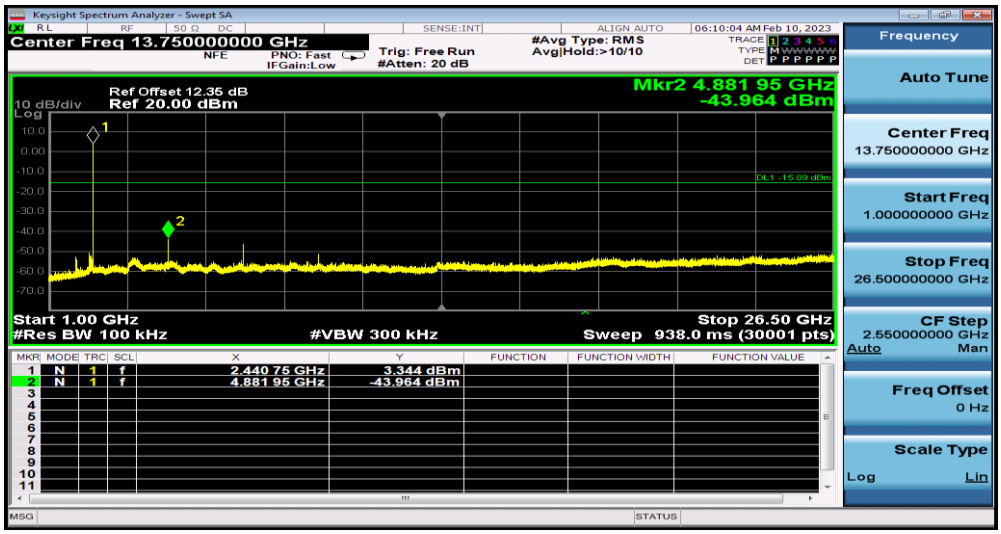
DH5_Ant1_2402_1000~26500



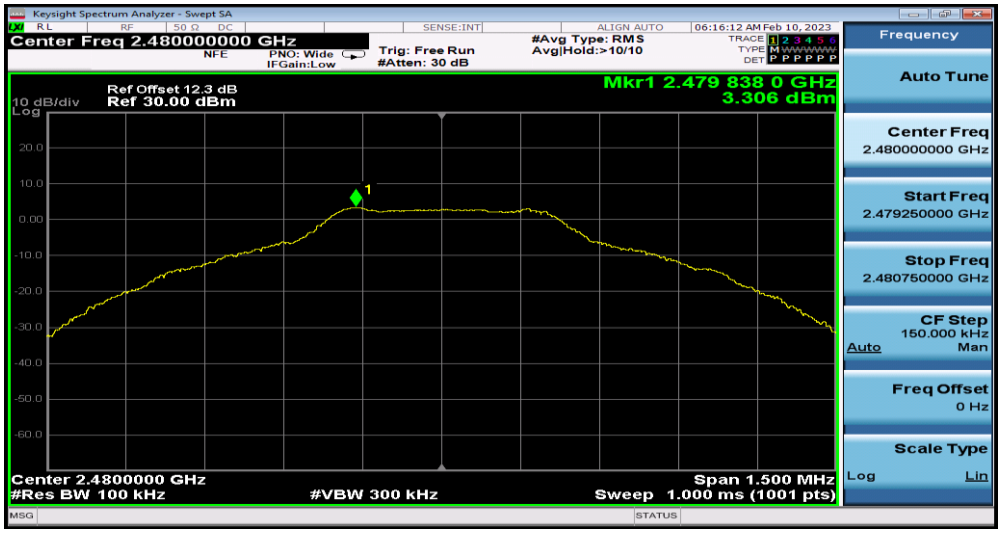
DH5_Ant1_2441_0~Reference



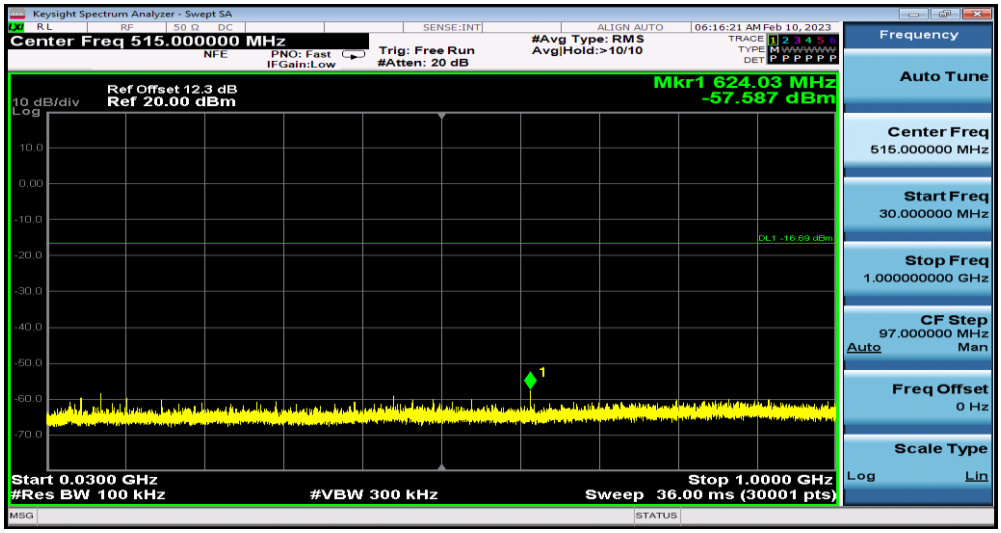
DH5_Ant1_2441_30~1000



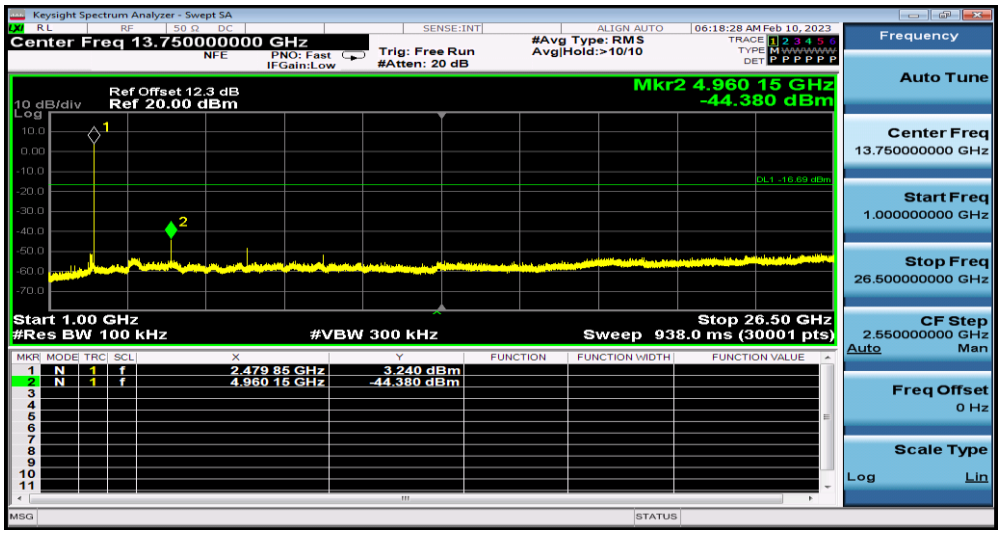
DH5_Ant1_2441_1000~26500



DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500