

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.957	2401.523	2402.480	---	---
DH5	Ant1	2441	1.011	2440.490	2441.501	---	---
DH5	Ant1	2480	1.011	2479.475	2480.486	---	---
2DH5	Ant1	2402	1.290	2401.358	2402.648	---	---
2DH5	Ant1	2441	1.335	2440.319	2441.654	---	---
2DH5	Ant1	2480	1.287	2479.352	2480.639	---	---

Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



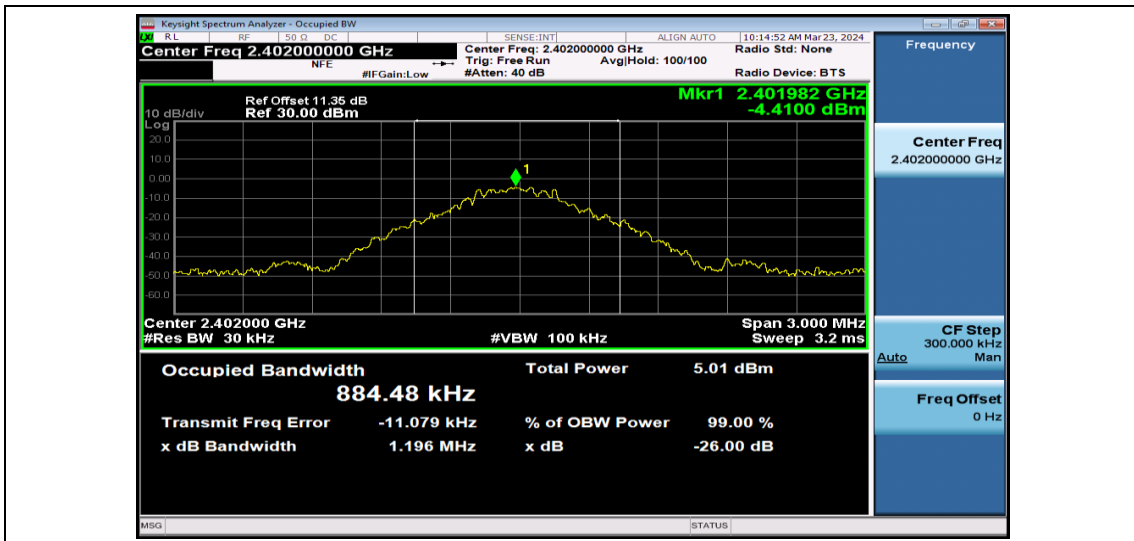
2DH5-Ant1-2480

Appendix B: Occupied Channel Bandwidth

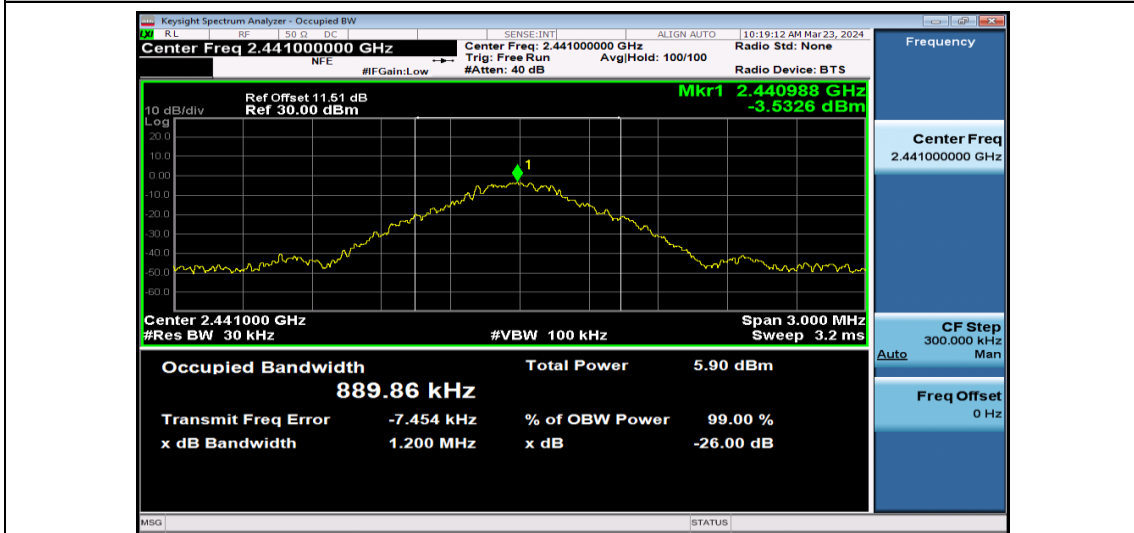
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88448	2401.5467	2402.4312	---	---
DH5	Ant1	2441	0.88986	2440.5476	2441.4375	---	---
DH5	Ant1	2480	0.90433	2479.5387	2480.4430	---	---
2DH5	Ant1	2402	1.1951	2401.3928	2402.5879	---	---
2DH5	Ant1	2441	1.2031	2440.3890	2441.5921	---	---
2DH5	Ant1	2480	1.2055	2479.3858	2480.5913	---	---

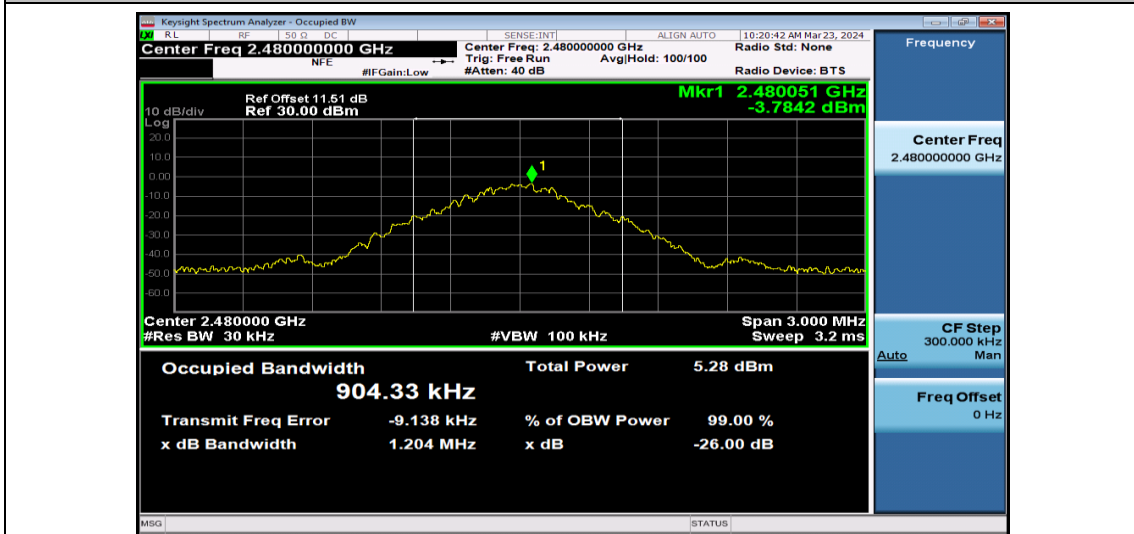
Test Graphs



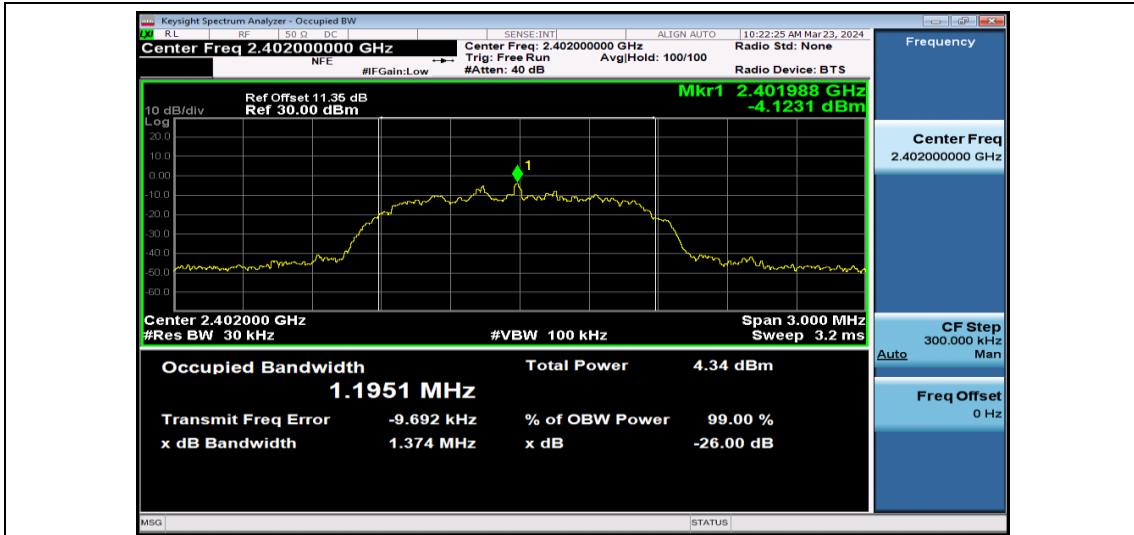
DH5-Ant1-2402



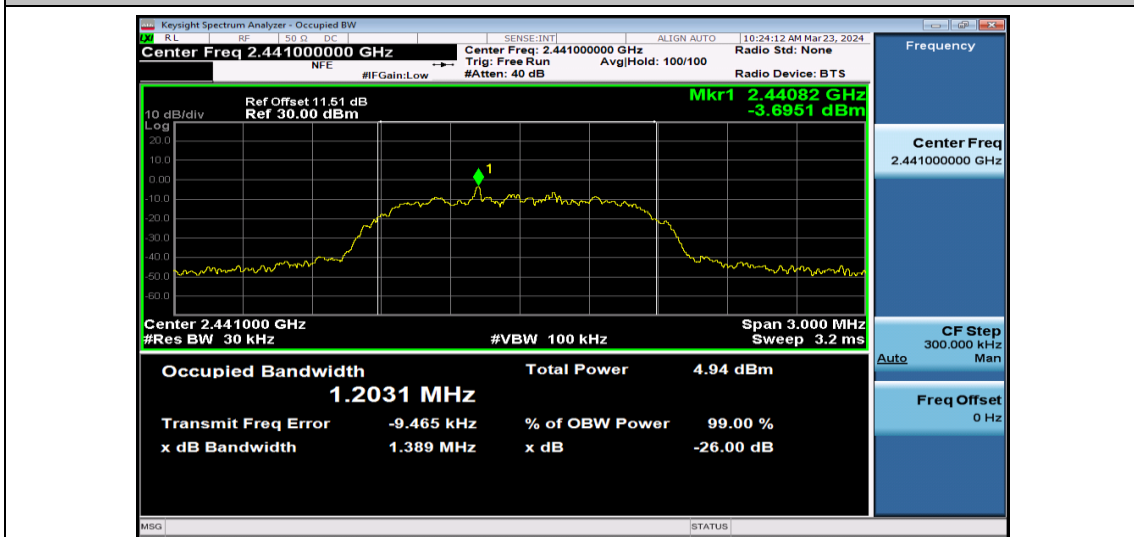
DH5-Ant1-2441



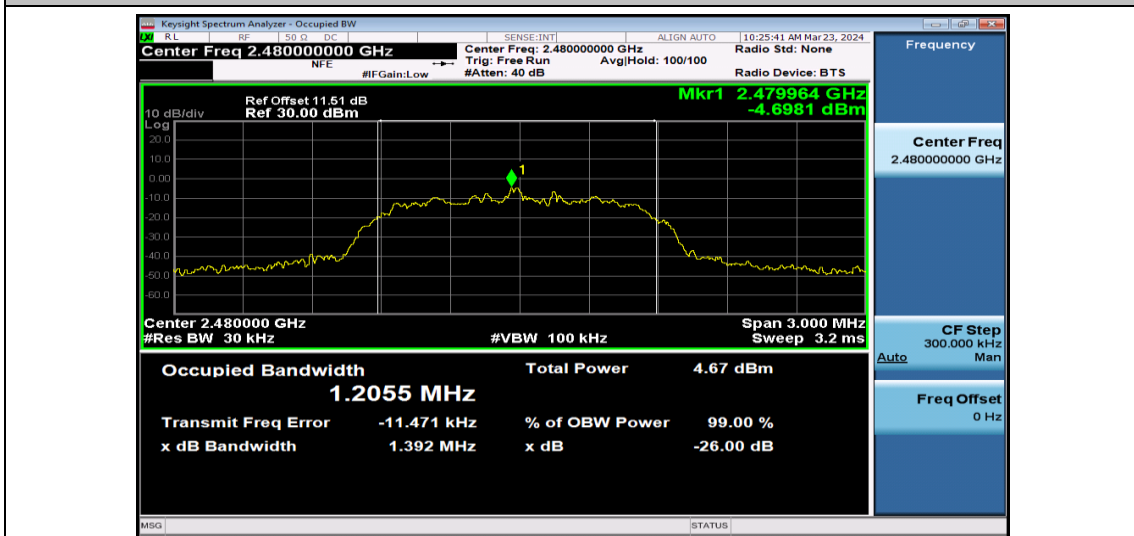
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



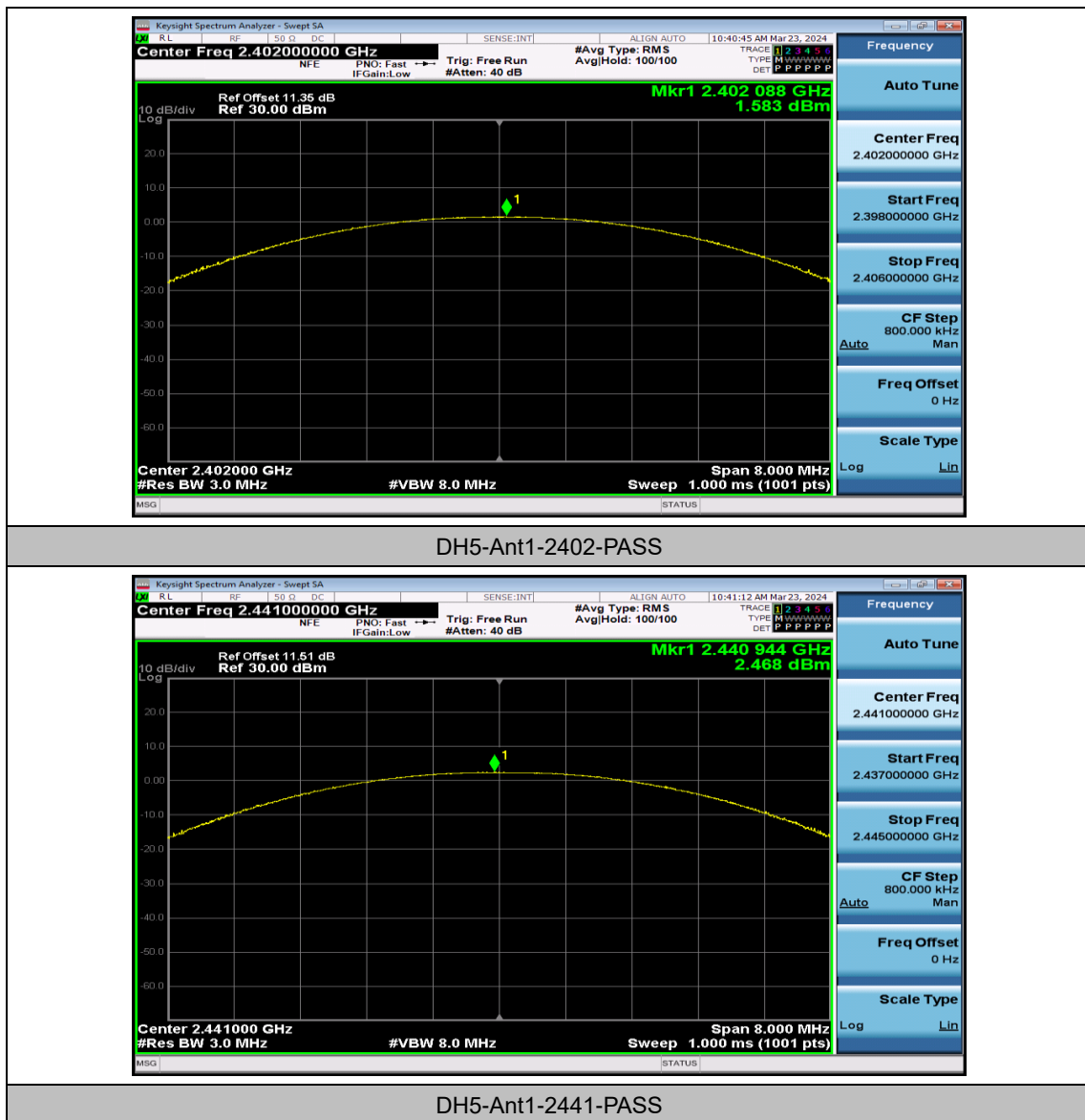
2DH5-Ant1-2480

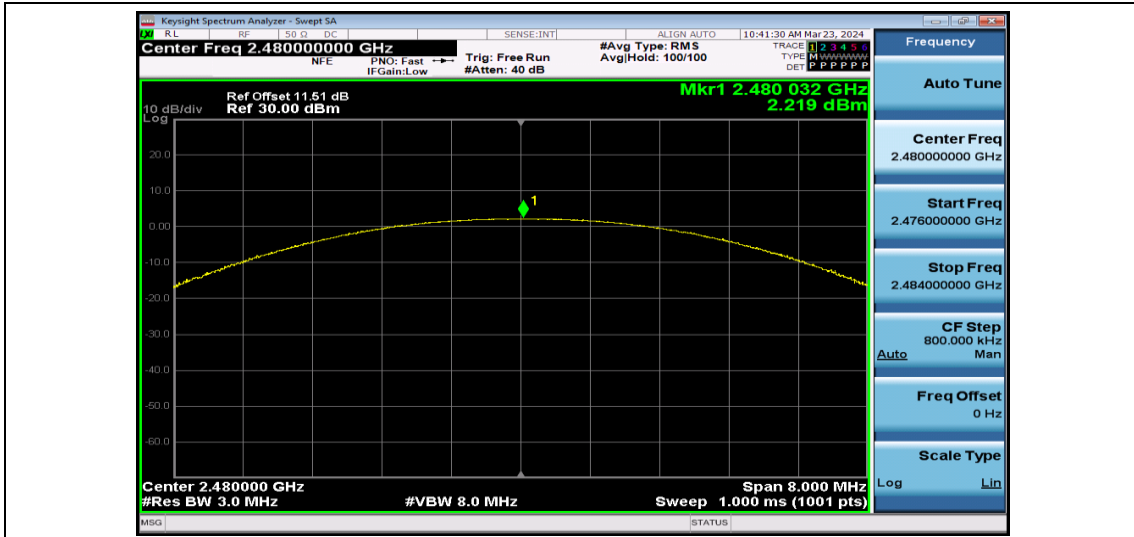
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.58	≤20.97	PASS
DH5	Ant1	2441	2.47	≤20.97	PASS
DH5	Ant1	2480	2.22	≤20.97	PASS
2DH5	Ant1	2402	2.29	≤20.97	PASS
2DH5	Ant1	2441	3.19	≤20.97	PASS
2DH5	Ant1	2480	2.88	≤20.97	PASS

Test Graphs

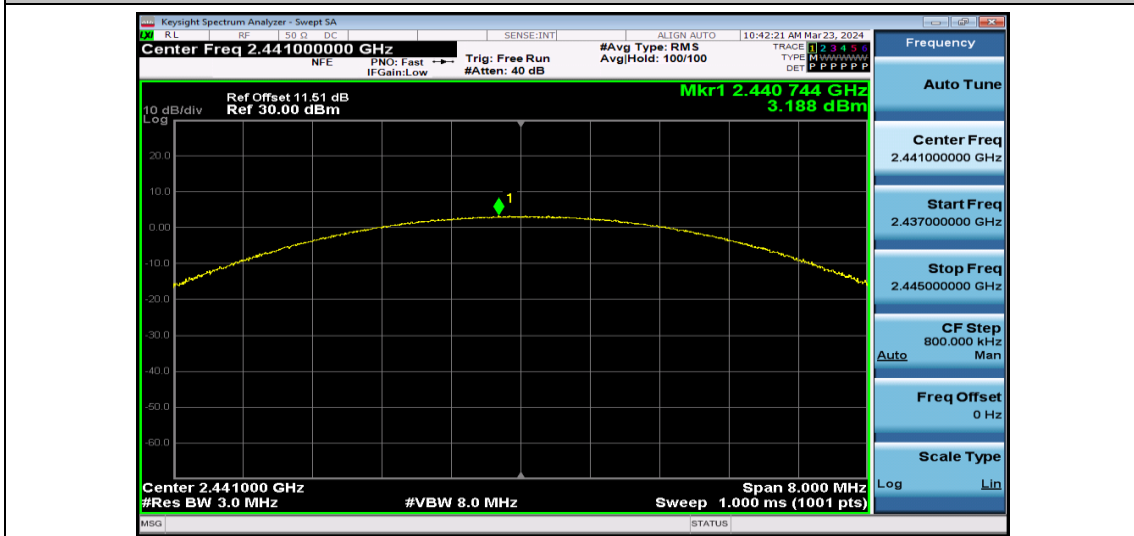




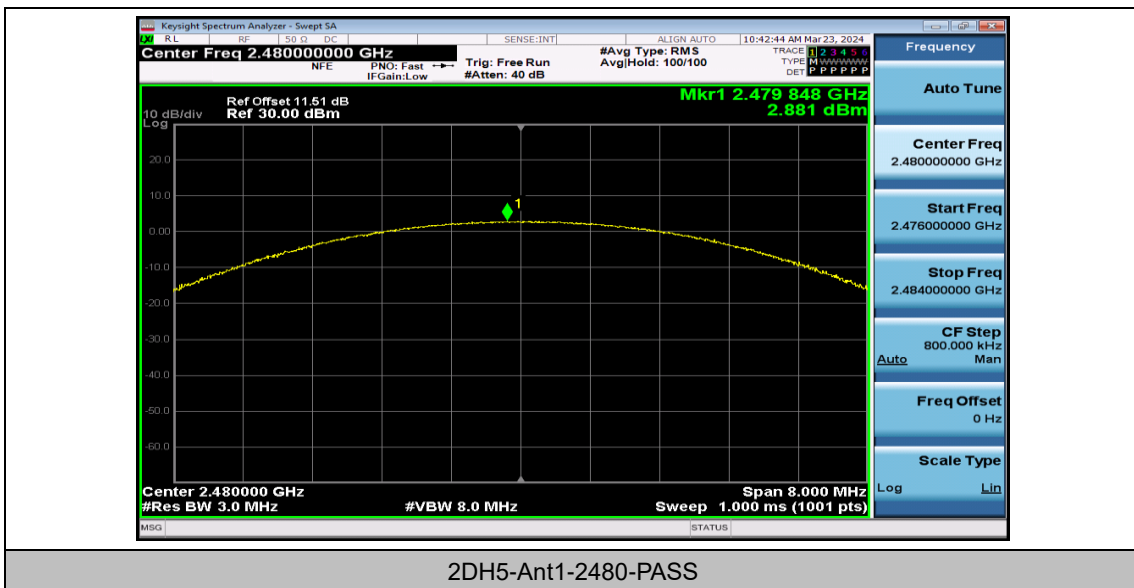
DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS

Appendix D: Carrier frequency separation

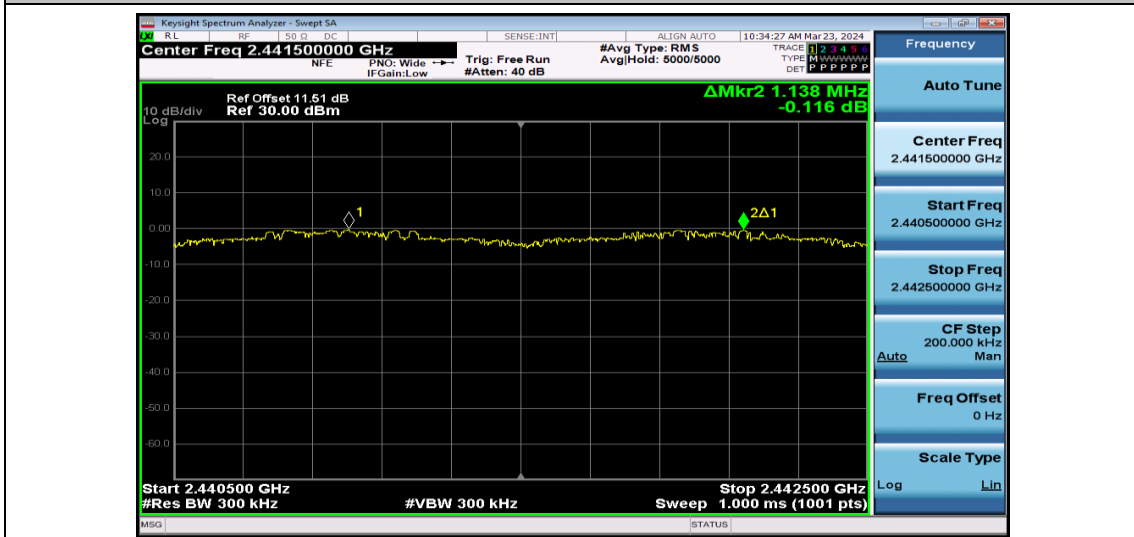
Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.182	≥ 1.011	PASS
2DH5	Ant1	Hop	1.138	≥ 0.890	PASS

Test Graphs



DH5-Ant1-Hop-PASS



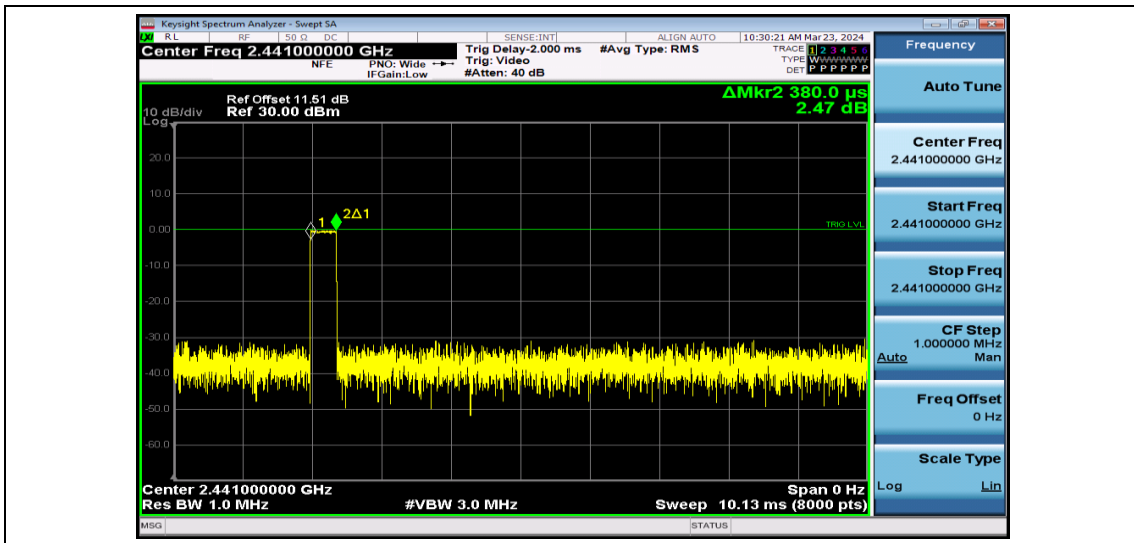
2DH5-Ant1-Hop-PASS

Appendix E: Time of occupancy

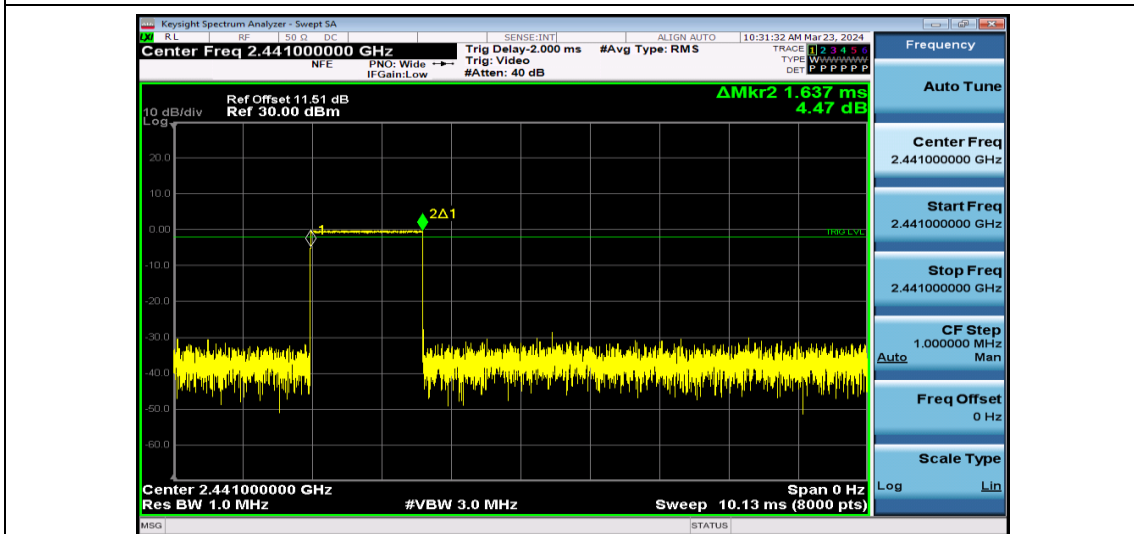
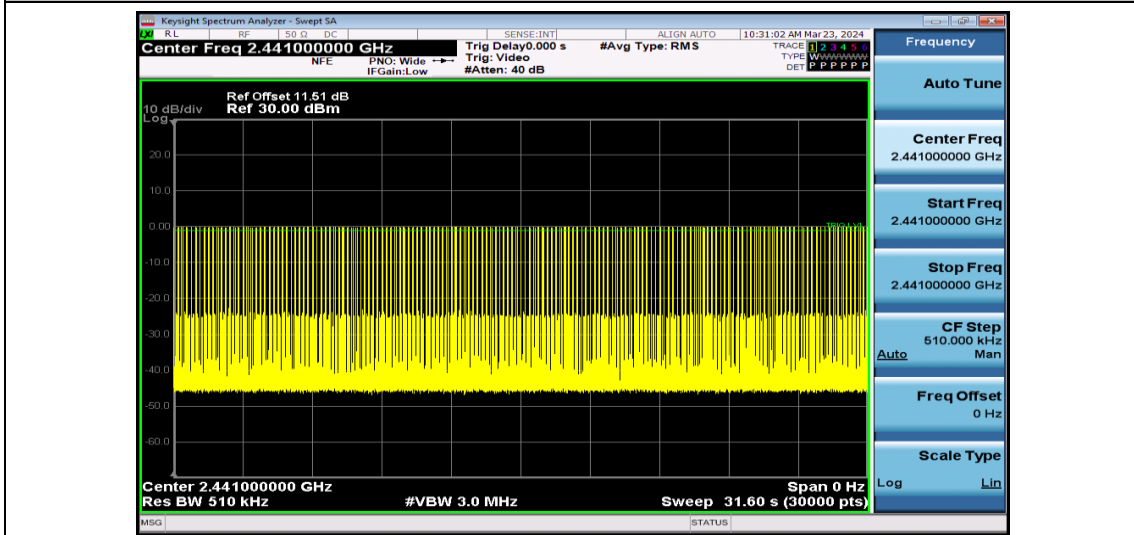
Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.380	318	0.121	≤0.4	PASS
DH3	Ant1	Hop	1.637	167	0.273	≤0.4	PASS
DH5	Ant1	Hop	2.885	110	0.317	≤0.4	PASS
2DH1	Ant1	Hop	0.390	316	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.642	157	0.258	≤0.4	PASS
2DH5	Ant1	Hop	2.891	108	0.312	≤0.4	PASS

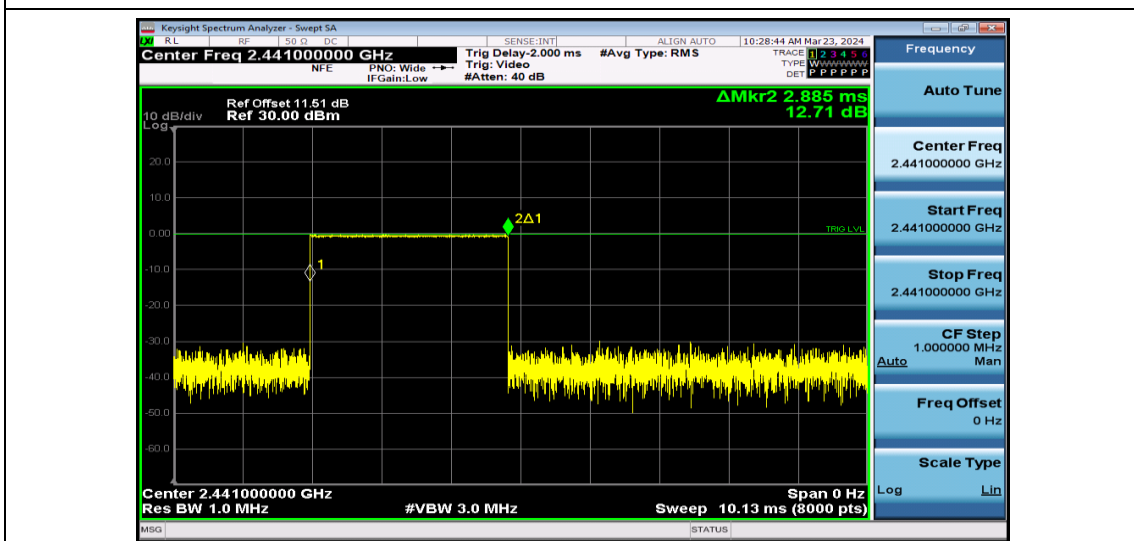
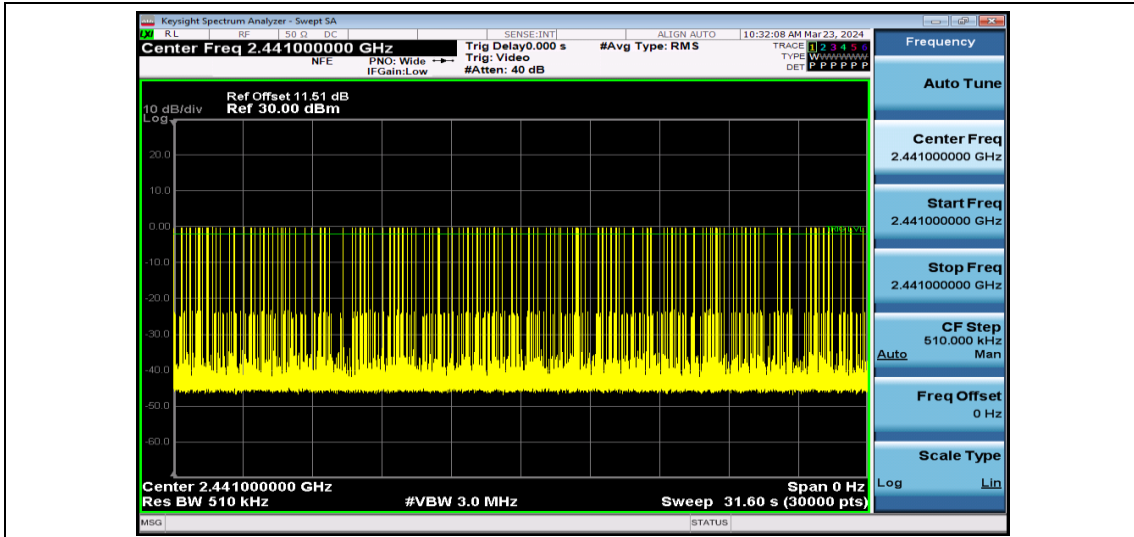
Test Graphs



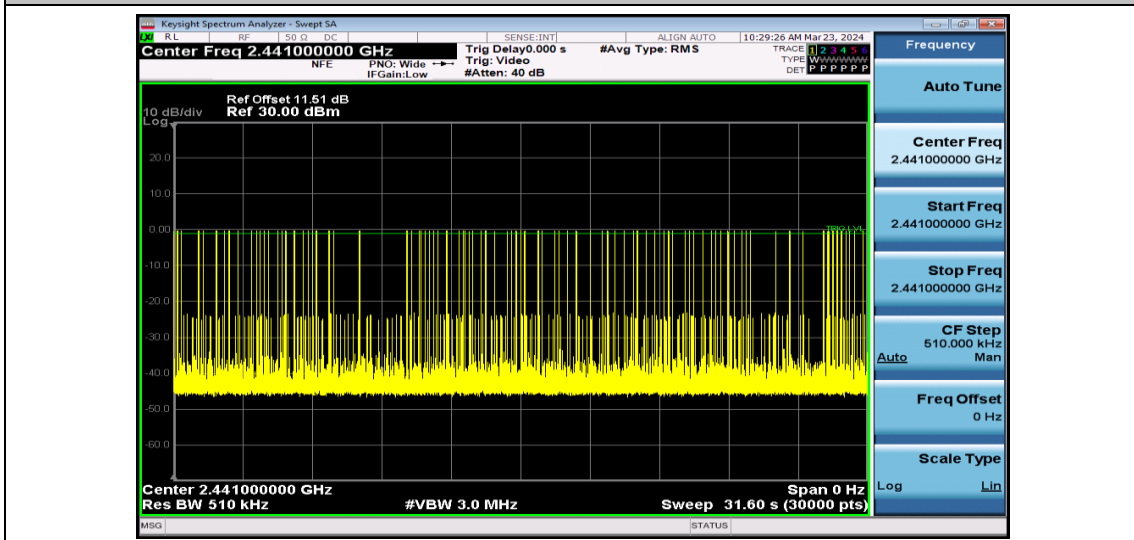
DH1-Ant1-Hop-PASS

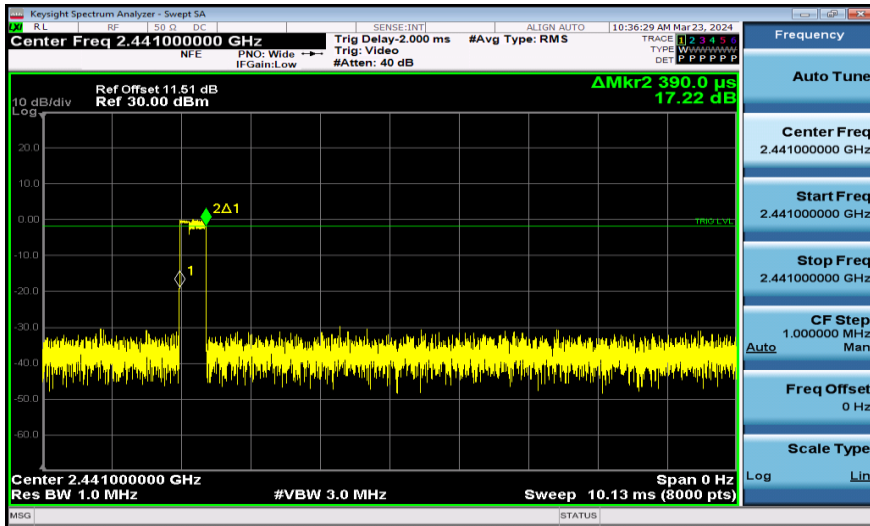


DH3-Ant1-Hop-PASS

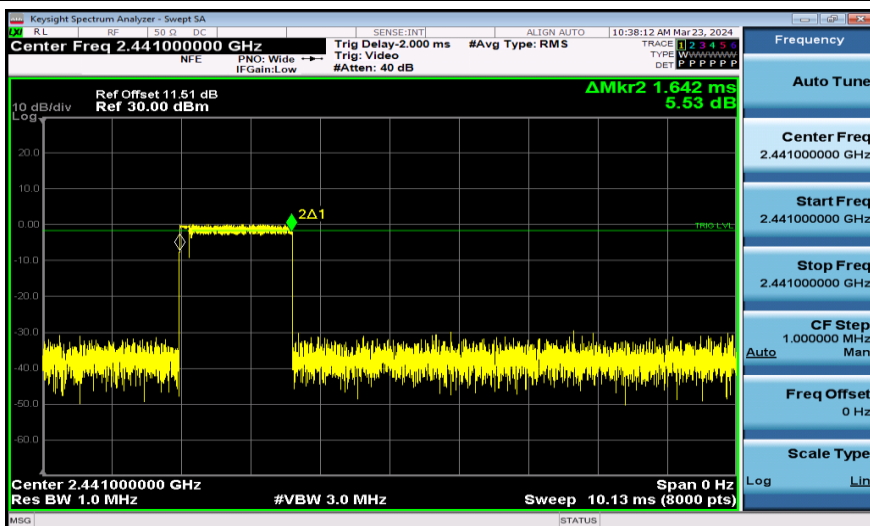
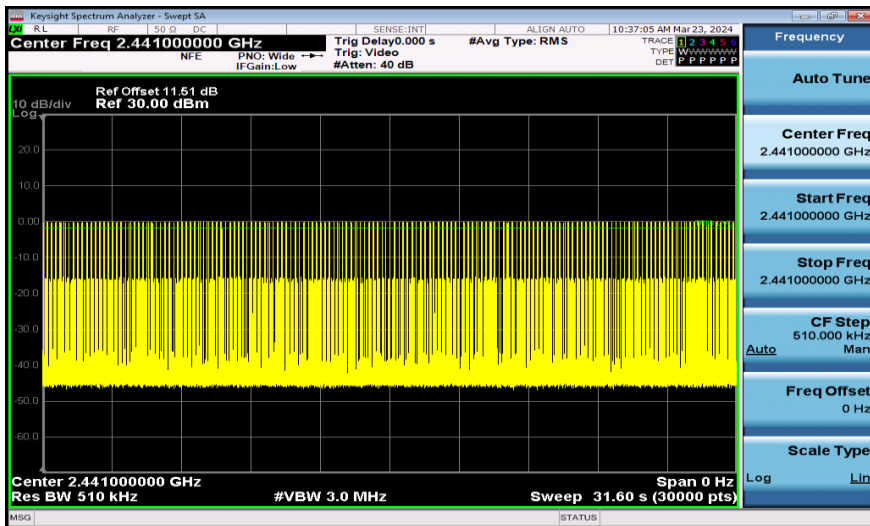


DH5-Ant1-Hop-PASS

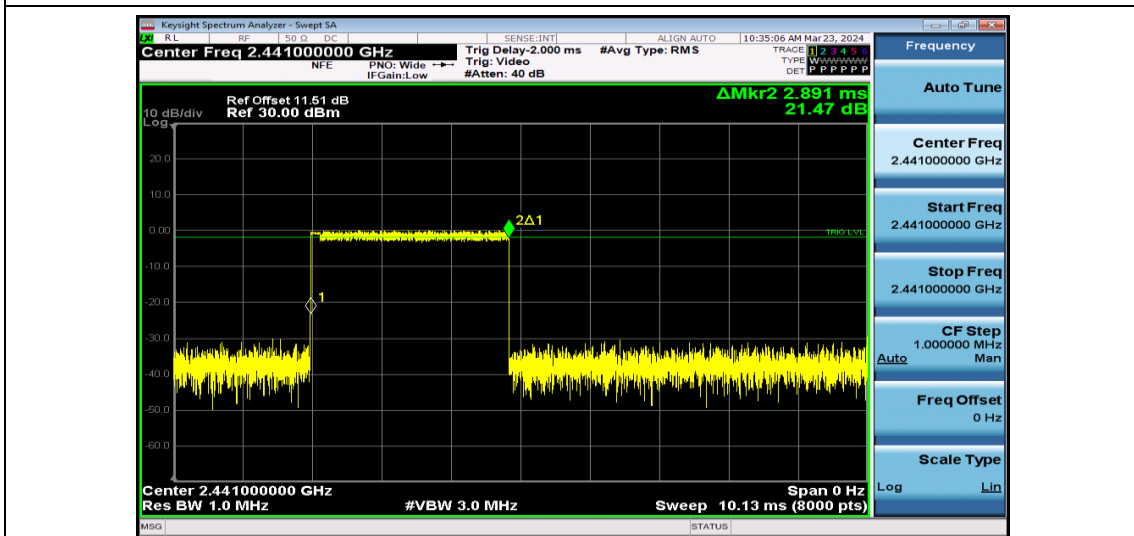
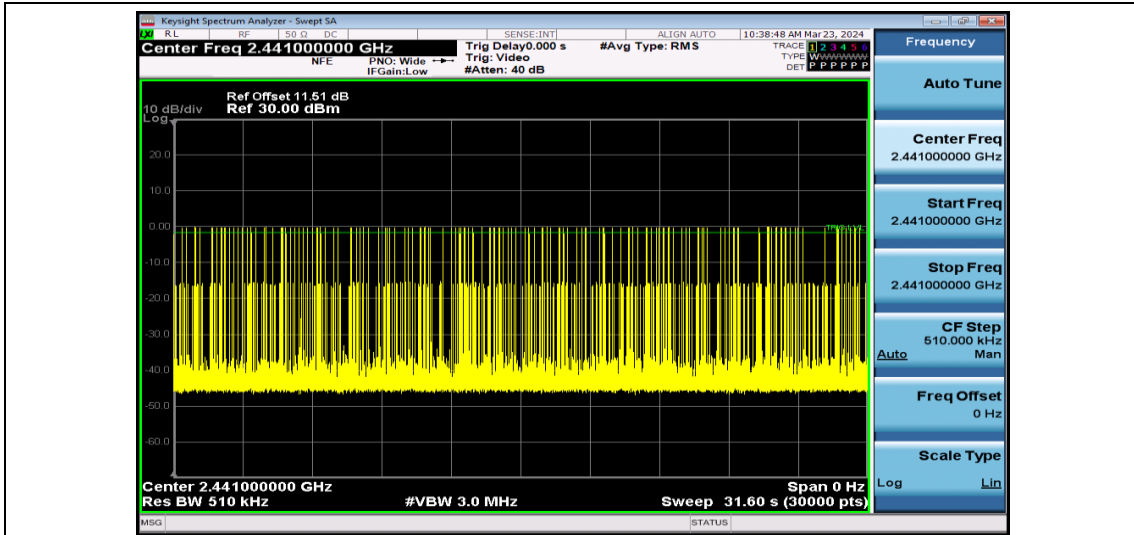




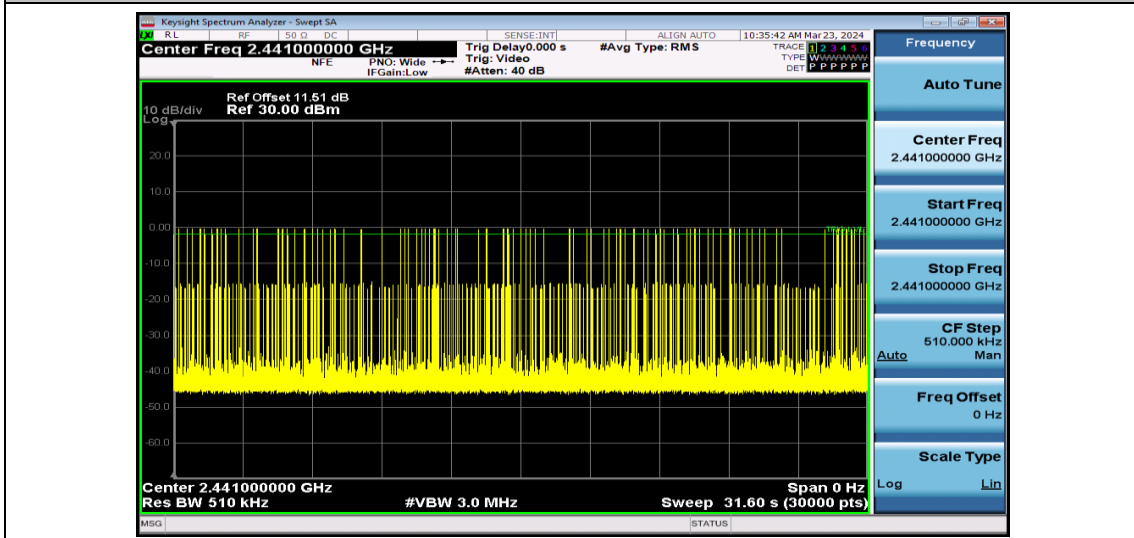
2DH1-Ant1-Hop-PASS



2DH3-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS

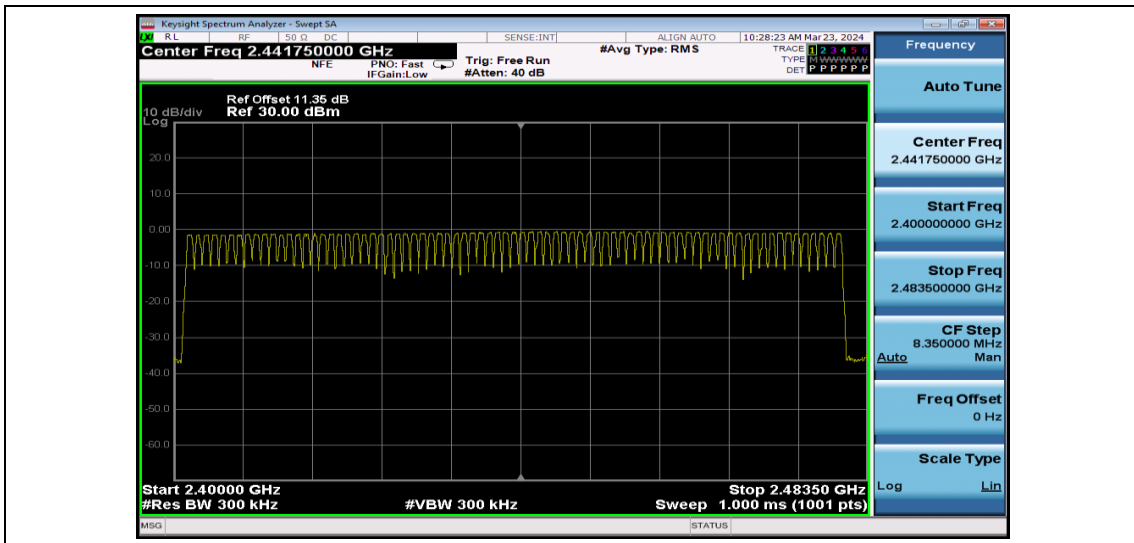


Appendix F: Number of hopping channels

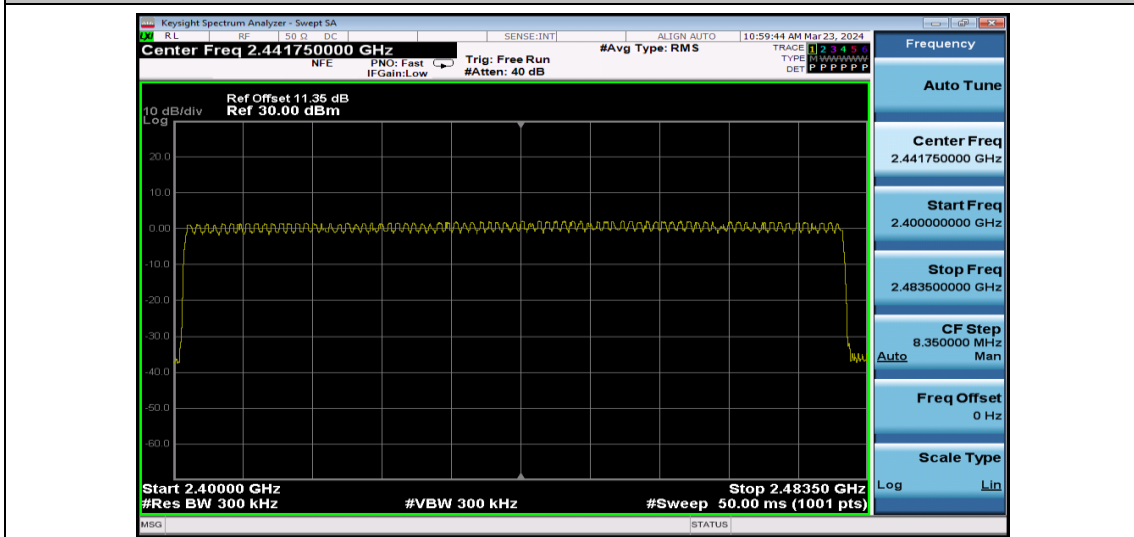
Test Result

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

Test Graphs



DH5-Ant1-Hop-PASS



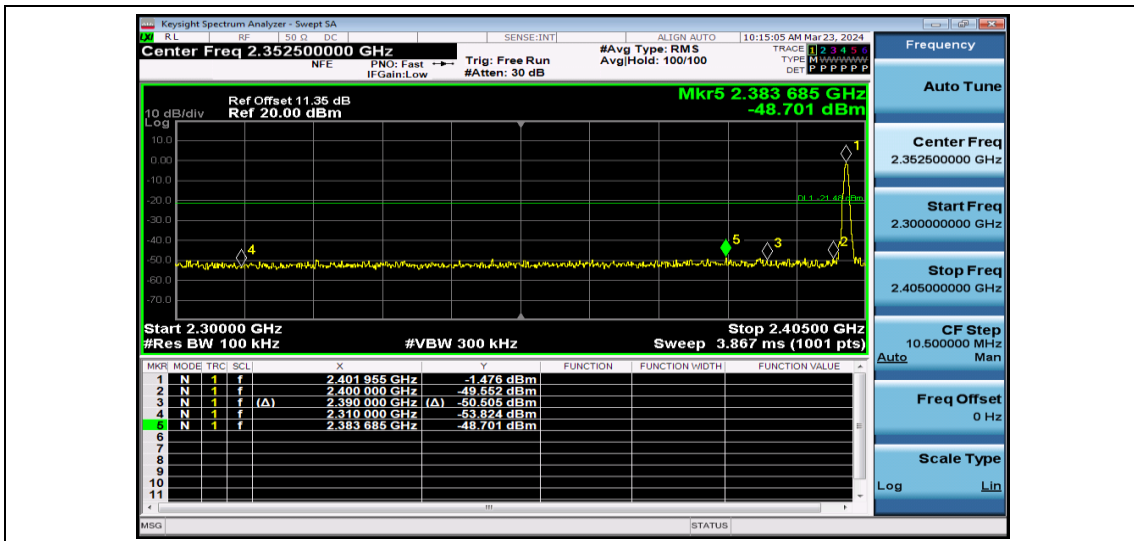
2DH5-Ant1-Hop-PASS

Appendix G: Band edge measurements

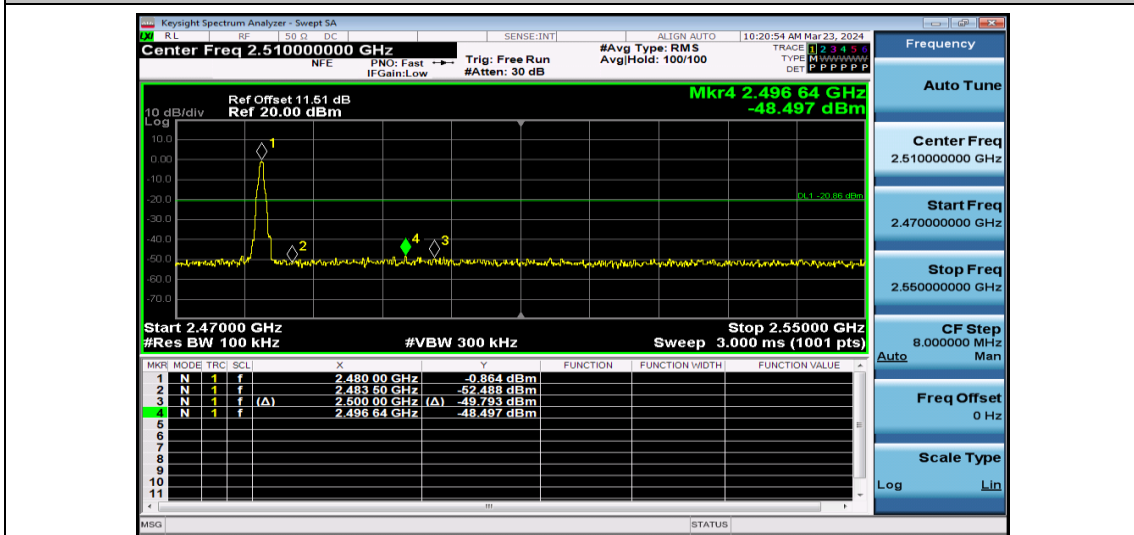
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.48	-48.7	≤-21.48	PASS
DH5	Ant1	High	2480	-0.86	-48.5	≤-20.86	PASS
DH5	Ant1	Low	Hop_2402	1.06	-48.05	≤-18.94	PASS
DH5	Ant1	High	Hop_2480	1.82	-48.22	≤-18.18	PASS
2DH5	Ant1	Low	2402	-5.14	-49.42	≤-25.14	PASS
2DH5	Ant1	High	2480	-1.80	-48.01	≤-21.8	PASS
2DH5	Ant1	Low	Hop_2402	-2.02	-48.7	≤-22.02	PASS
2DH5	Ant1	High	Hop_2480	1.84	-47.43	≤-18.16	PASS

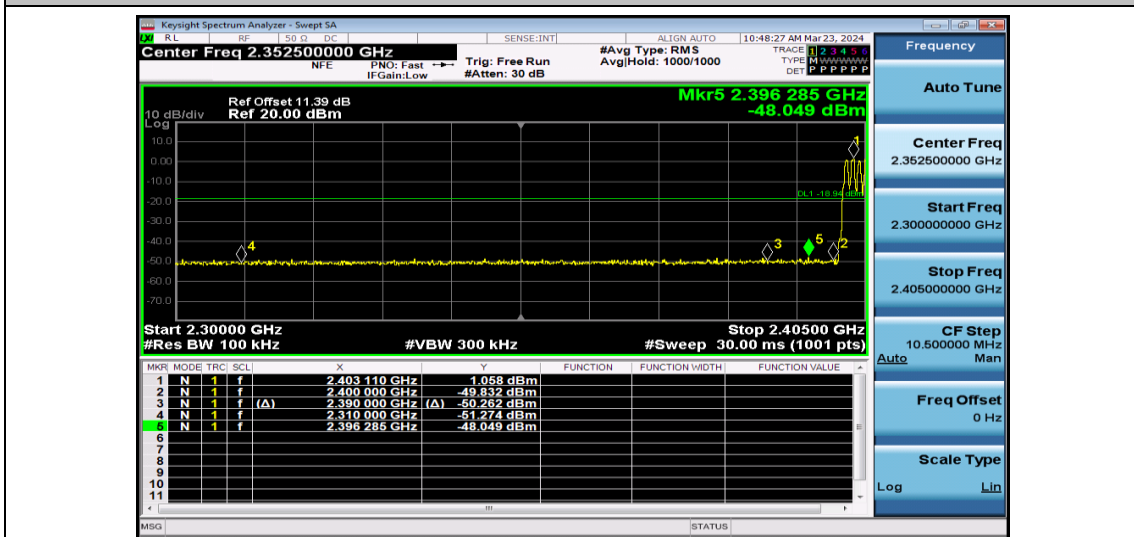
Test Graphs



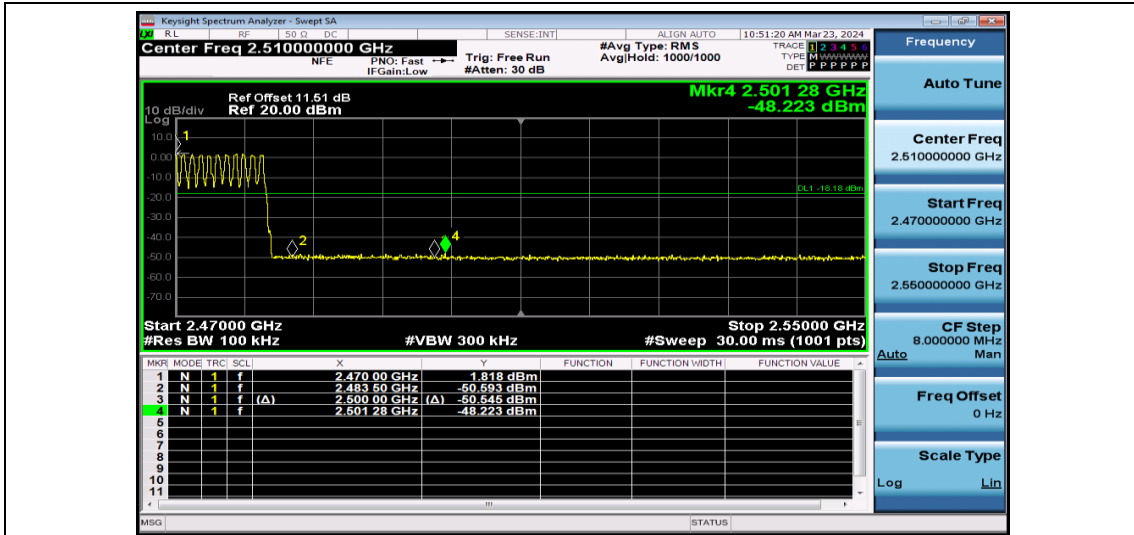
DH5-Ant1-2402-PASS



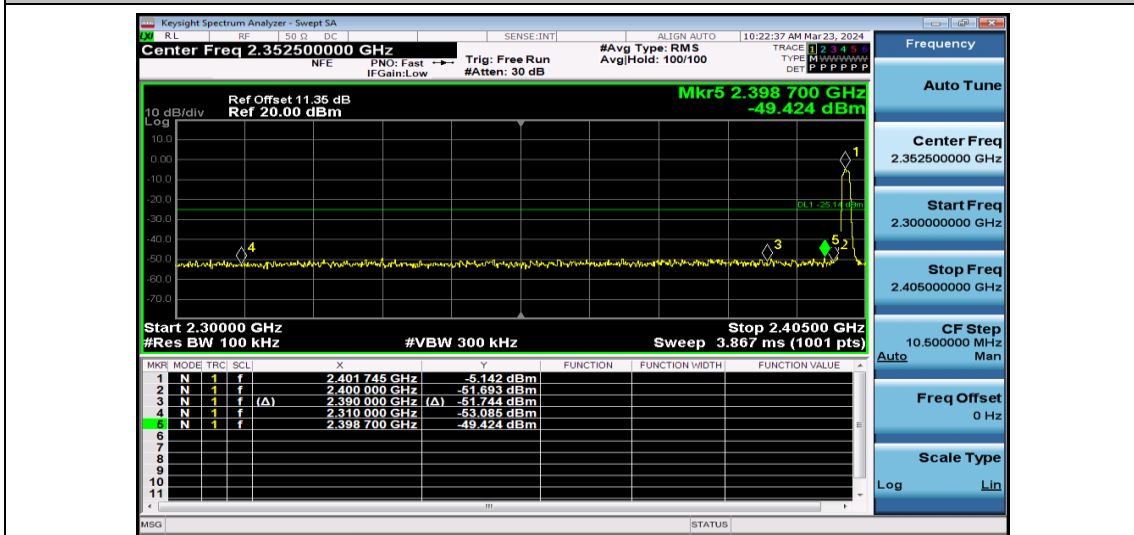
DH5-Ant1-2480-PASS



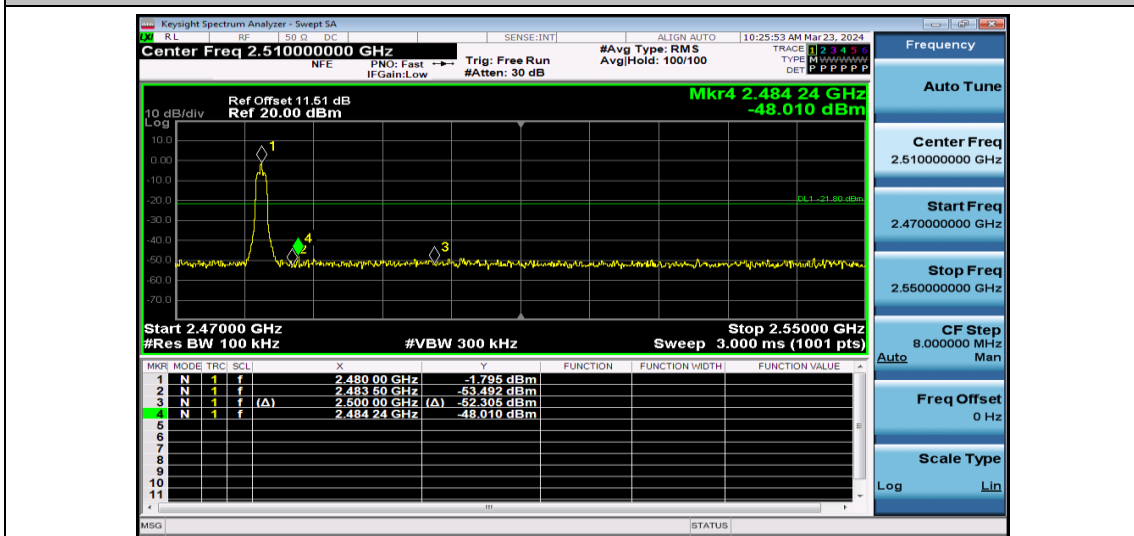
DH5-Ant1-Hop_2402-PASS



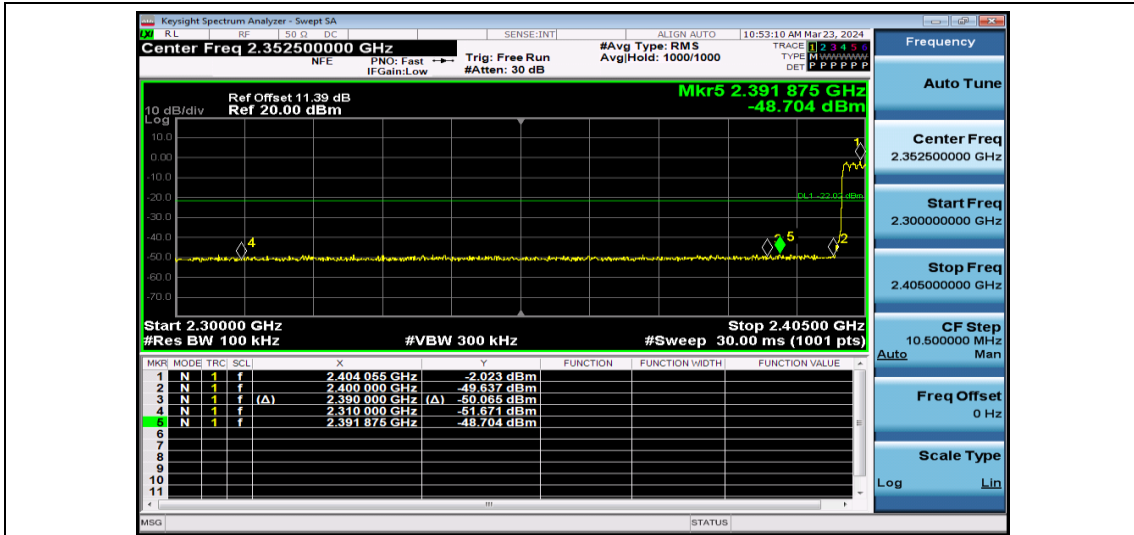
DH5-Ant1-Hop_2480-PASS



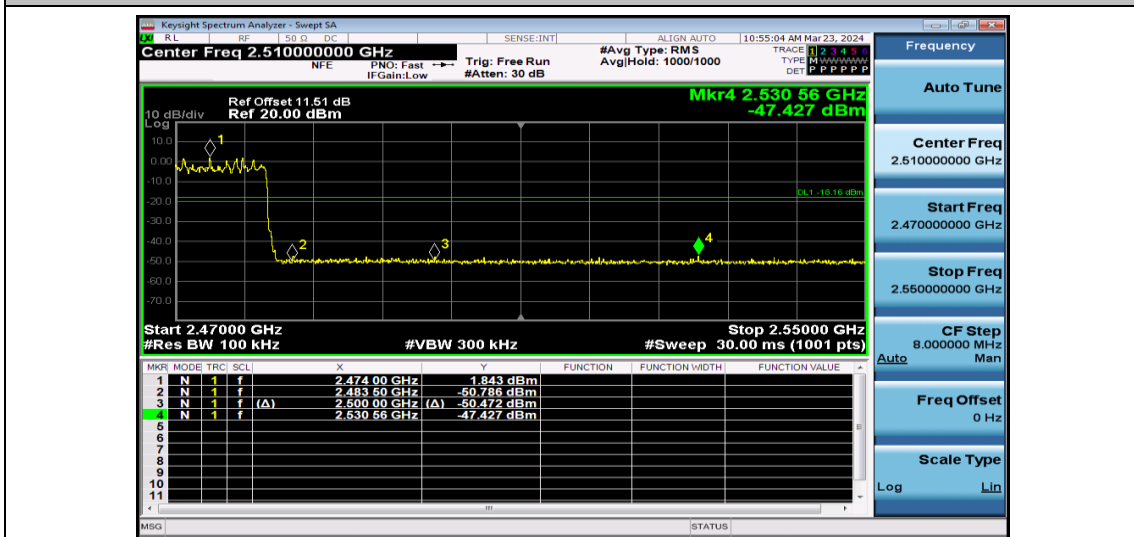
2DH5-Ant1-2402-PASS



2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS



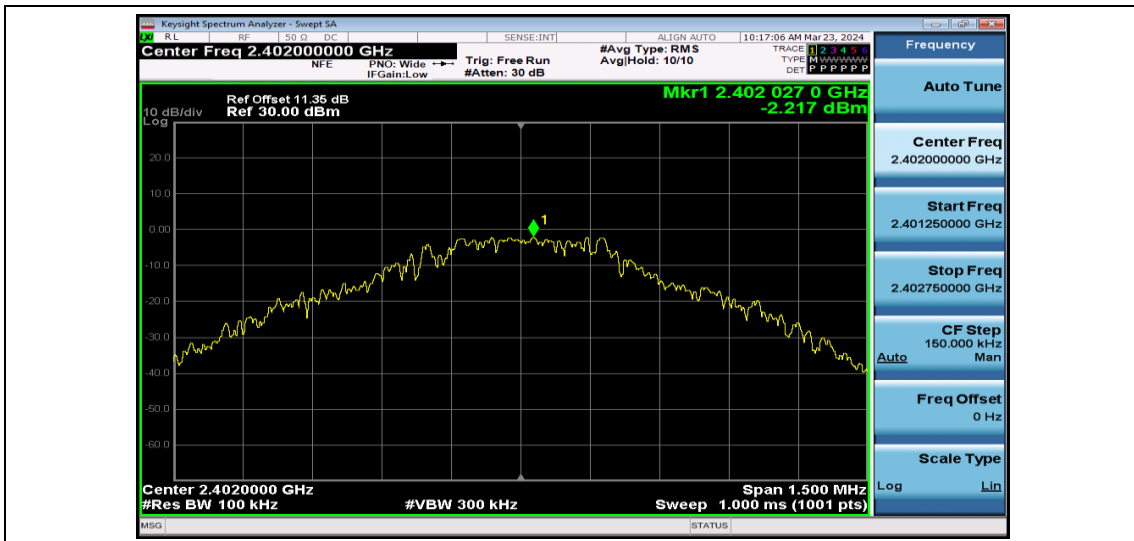
2DH5-Ant1-Hop_2480-PASS

Appendix H: Conducted Spurious Emission

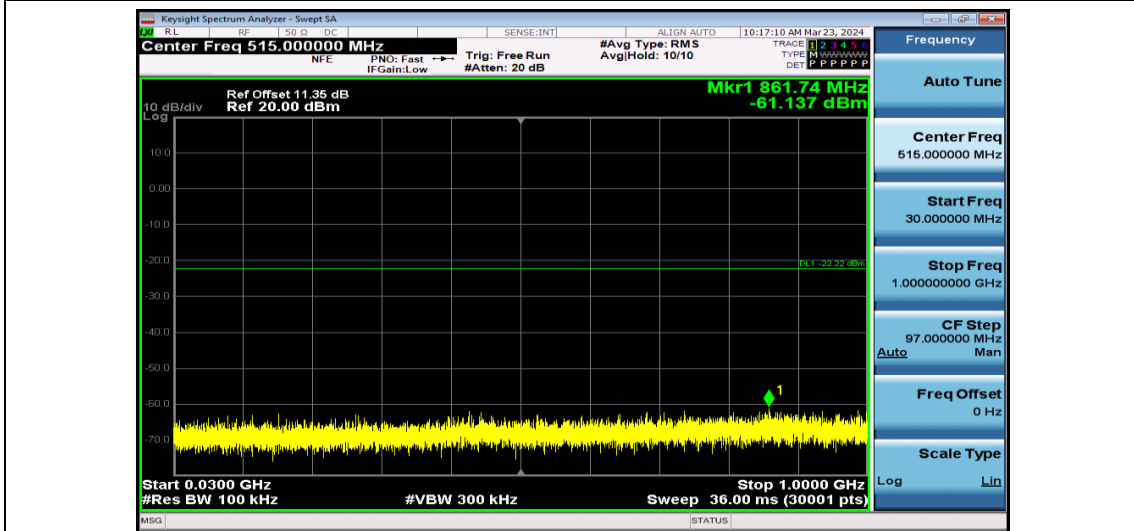
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-2.22	-2.22	---	PASS
DH5	Ant1	2402	30~1000	-2.22	-61.14	≤-22.22	PASS
DH5	Ant1	2402	1000~26500	-2.22	-50.06	≤-22.22	PASS
DH5	Ant1	2441	0~Reference	-1.14	-1.14	---	PASS
DH5	Ant1	2441	30~1000	-1.14	-60.56	≤-21.14	PASS
DH5	Ant1	2441	1000~26500	-1.14	-52.38	≤-21.14	PASS
DH5	Ant1	2480	0~Reference	-1.00	-1.00	---	PASS
DH5	Ant1	2480	30~1000	-1.00	-60.92	≤-21	PASS
DH5	Ant1	2480	1000~26500	-1.00	-50.4	≤-21	PASS
2DH5	Ant1	2402	0~Reference	-1.54	-1.54	---	PASS
2DH5	Ant1	2402	30~1000	-1.54	-61.39	≤-21.54	PASS
2DH5	Ant1	2402	1000~26500	-1.54	-51.06	≤-21.54	PASS
2DH5	Ant1	2441	0~Reference	-4.24	-4.24	---	PASS
2DH5	Ant1	2441	30~1000	-4.24	-61.72	≤-24.24	PASS
2DH5	Ant1	2441	1000~26500	-4.24	-49.89	≤-24.24	PASS
2DH5	Ant1	2480	0~Reference	-4.67	-4.67	---	PASS
2DH5	Ant1	2480	30~1000	-4.67	-61.03	≤-24.67	PASS
2DH5	Ant1	2480	1000~26500	-4.67	-51.36	≤-24.67	PASS

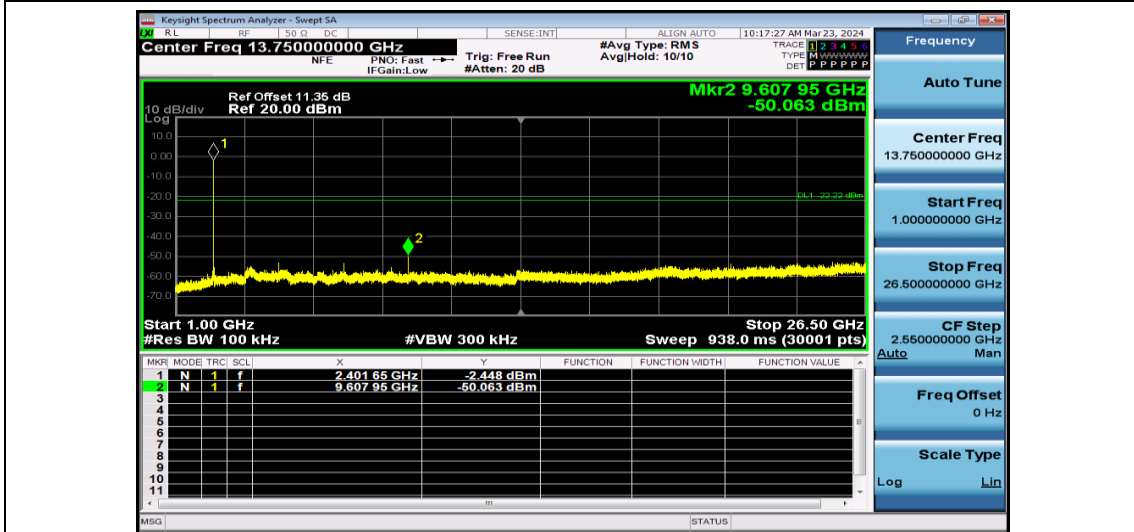
Test Graphs



DH5-Ant1-2402-0~Reference-PASS



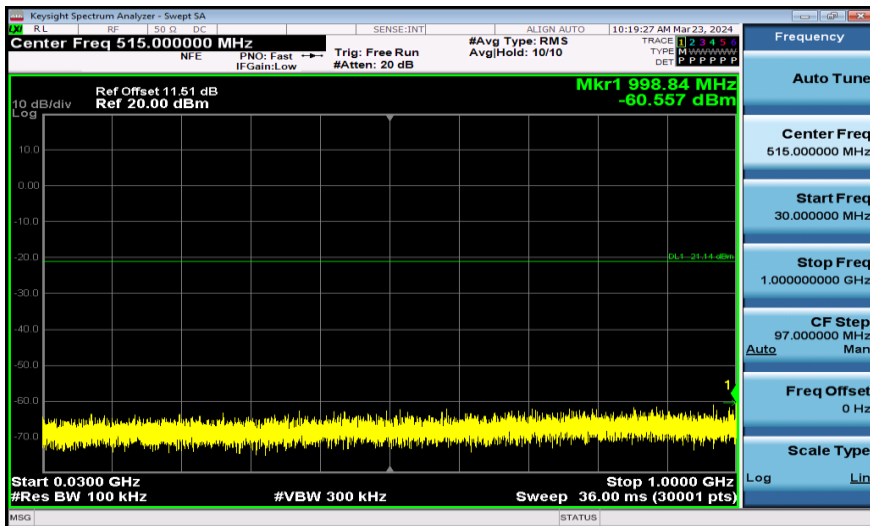
DH5-Ant1-2402-30~1000-PASS



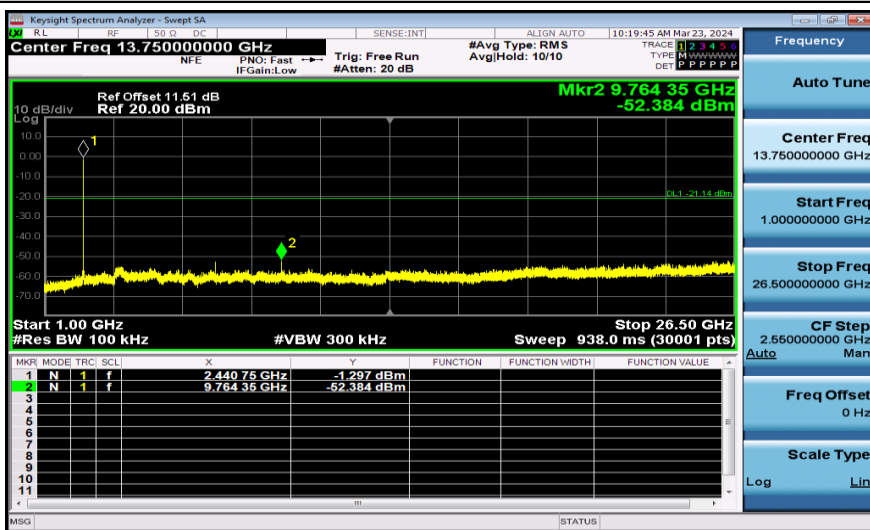
DH5-Ant1-2402-1000~26500-PASS



DH5-Ant1-2441-0~Reference-PASS



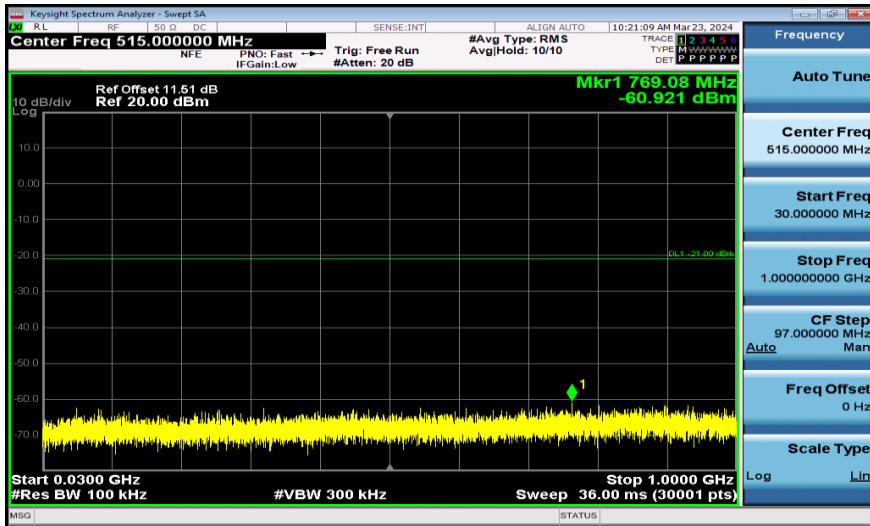
DH5-Ant1-2441-30~1000-PASS



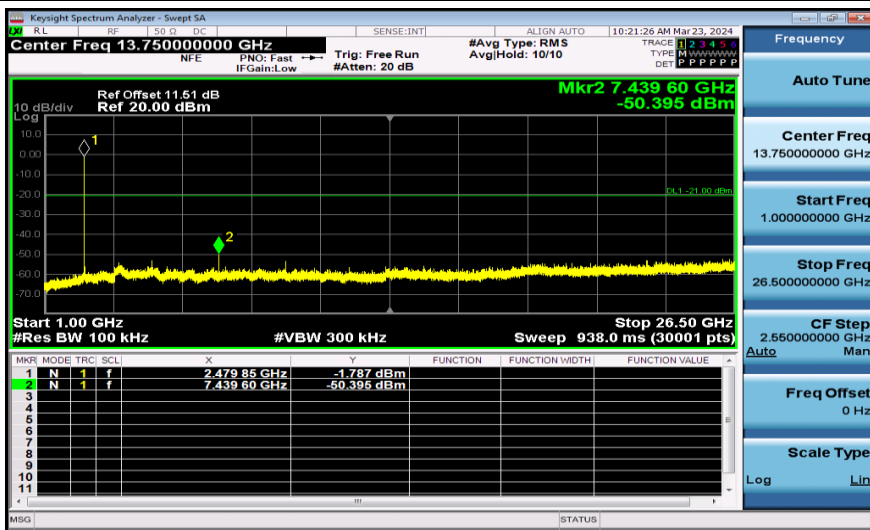
DH5-Ant1-2441-1000~26500-PASS



DH5-Ant1-2480-0~Reference-PASS



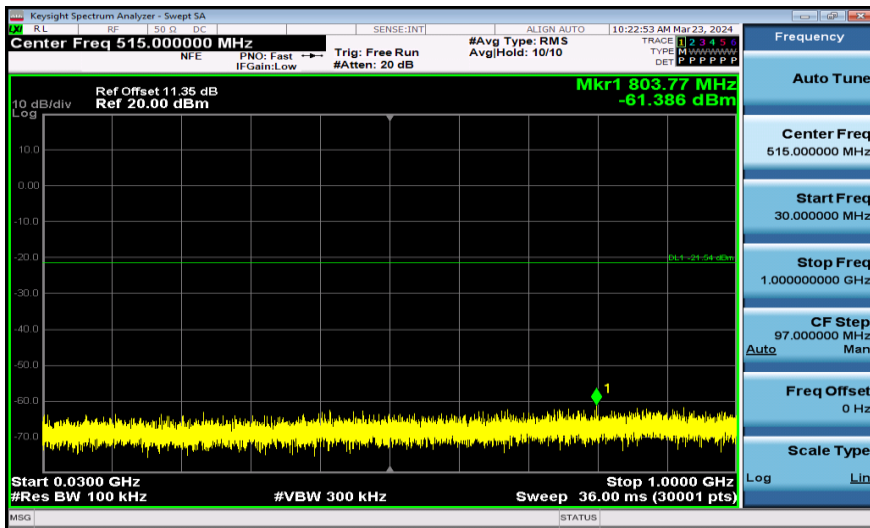
DH5-Ant1-2480-30~1000-PASS



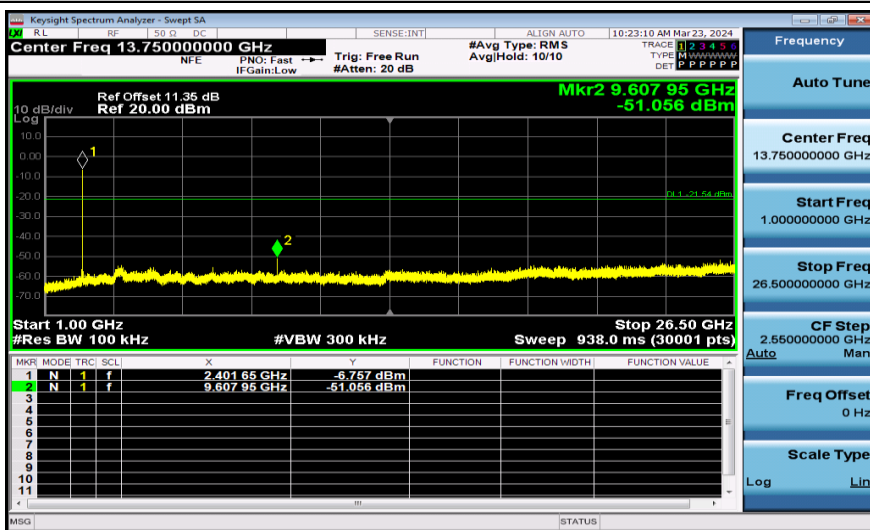
DH5-Ant1-2480-1000~26500-PASS



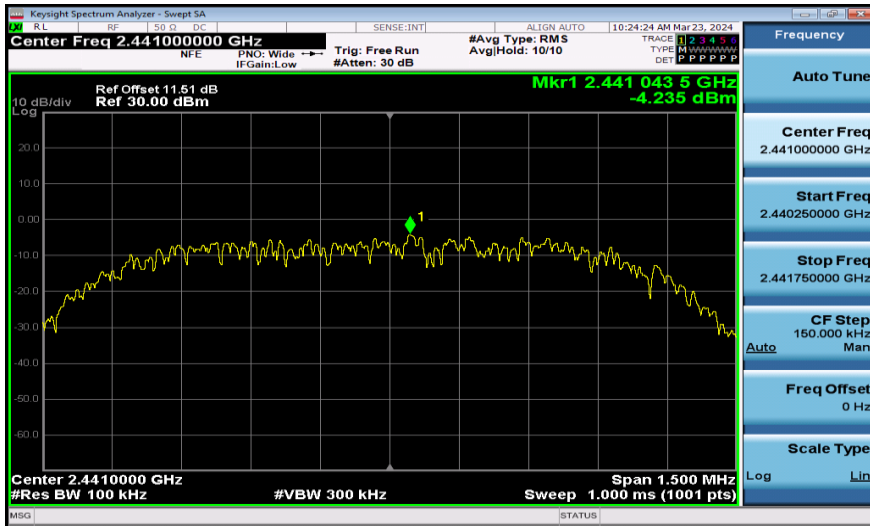
2DH5-Ant1-2402-0~Reference-PASS



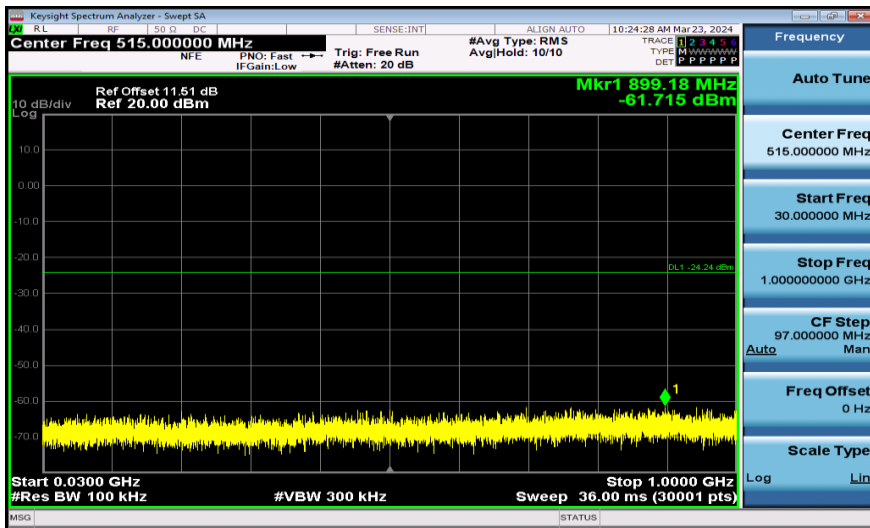
2DH5-Ant1-2402-30~1000-PASS



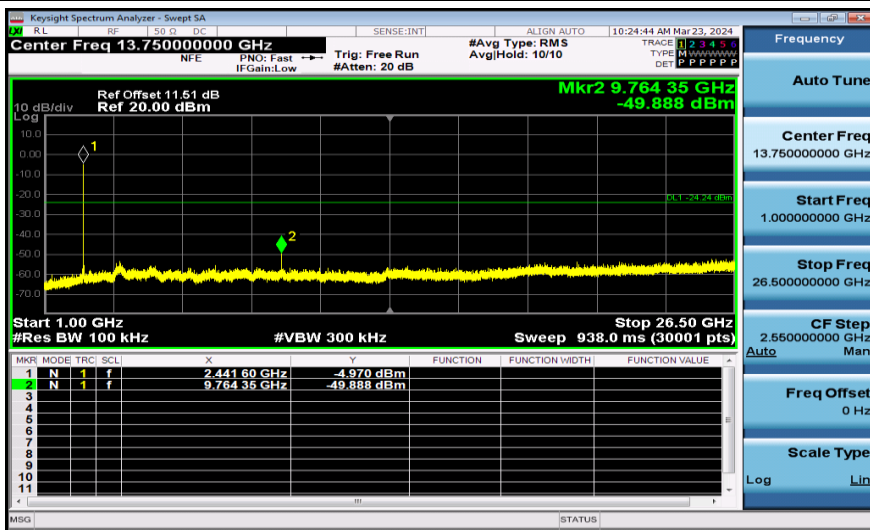
2DH5-Ant1-2402-1000~26500-PASS



2DH5-Ant1-2441-0~Reference-PASS



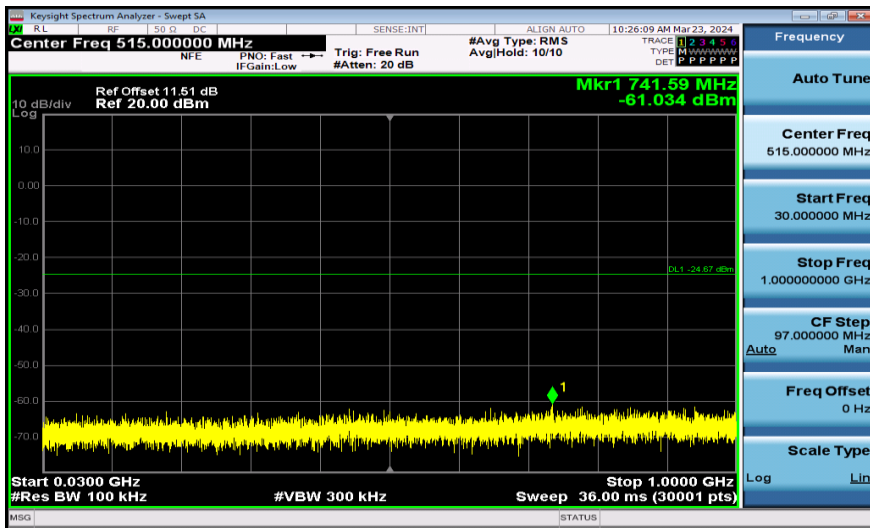
2DH5-Ant1-2441-30~1000-PASS



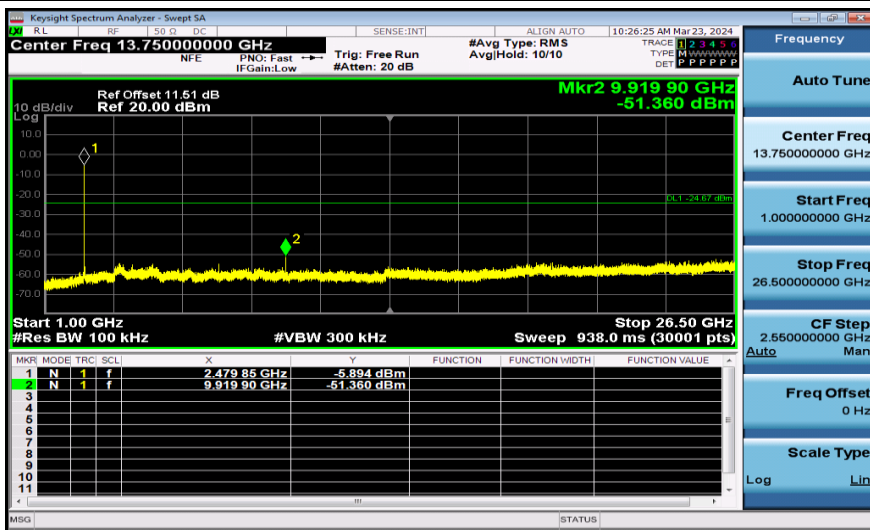
2DH5-Ant1-2441-1000~26500-PASS



2DH5-Ant1-2480-0~Reference-PASS



2DH5-Ant1-2480-30~1000-PASS



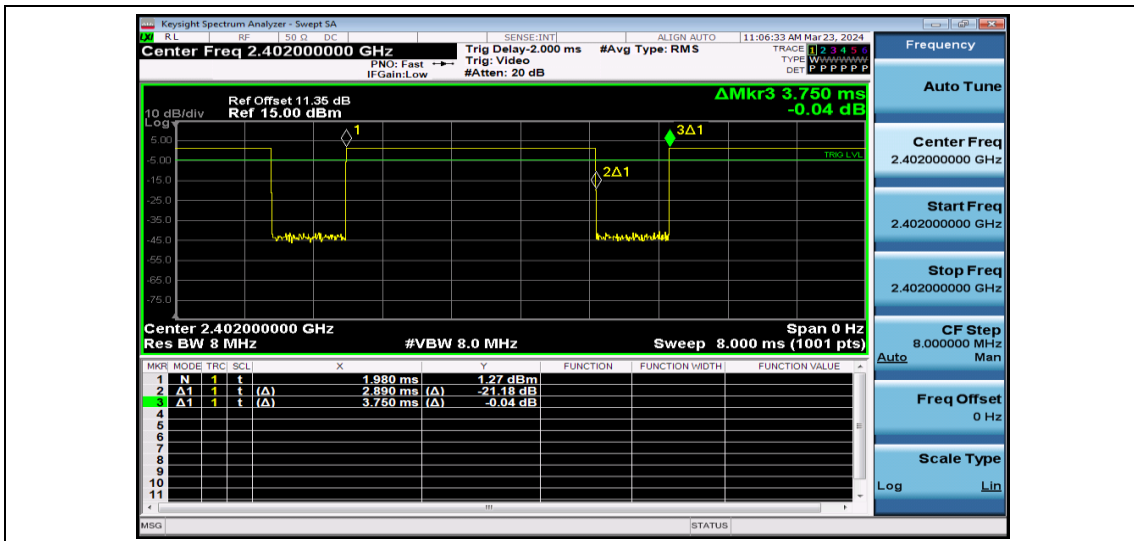
2DH5-Ant1-2480-1000~26500-PASS

Appendix I: Duty Cycle

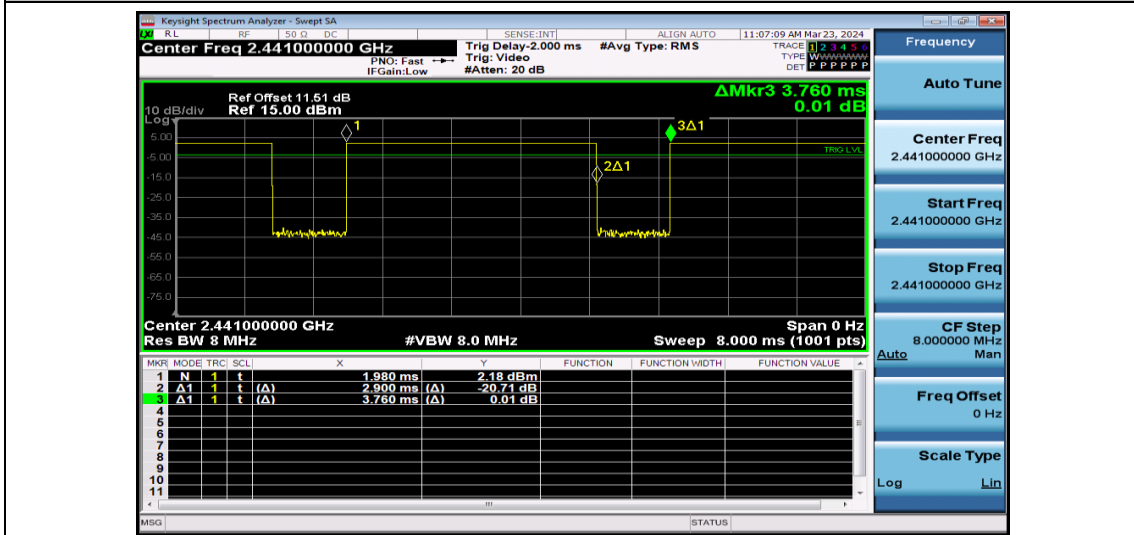
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.90	3.76	77.13	1.13
DH5	Ant1	2480	2.90	3.76	77.13	1.13
2DH5	Ant1	2402	2.90	3.76	77.13	1.13
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.91	3.76	77.39	1.11

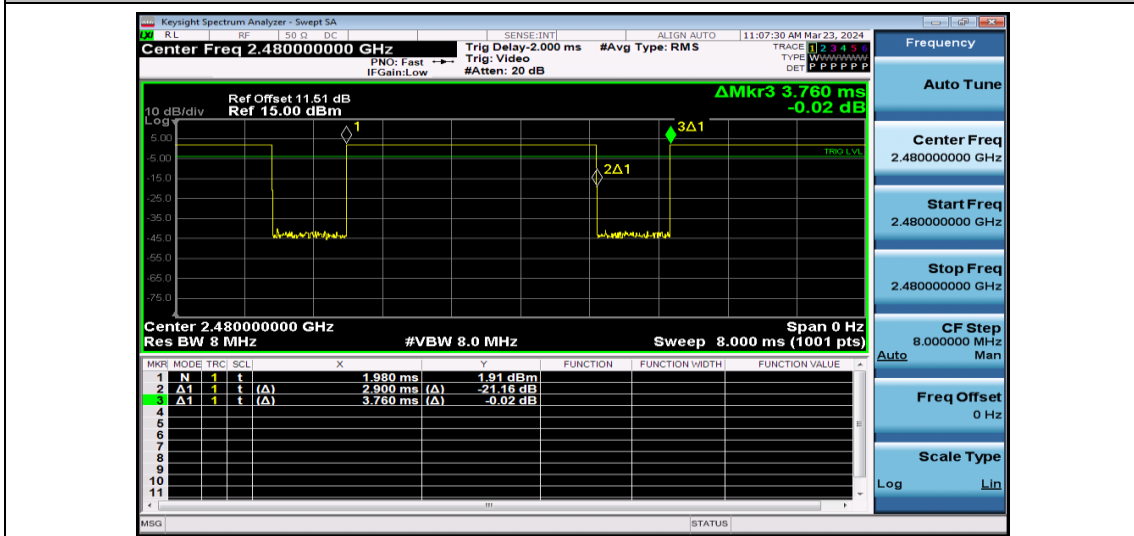
Test Graphs



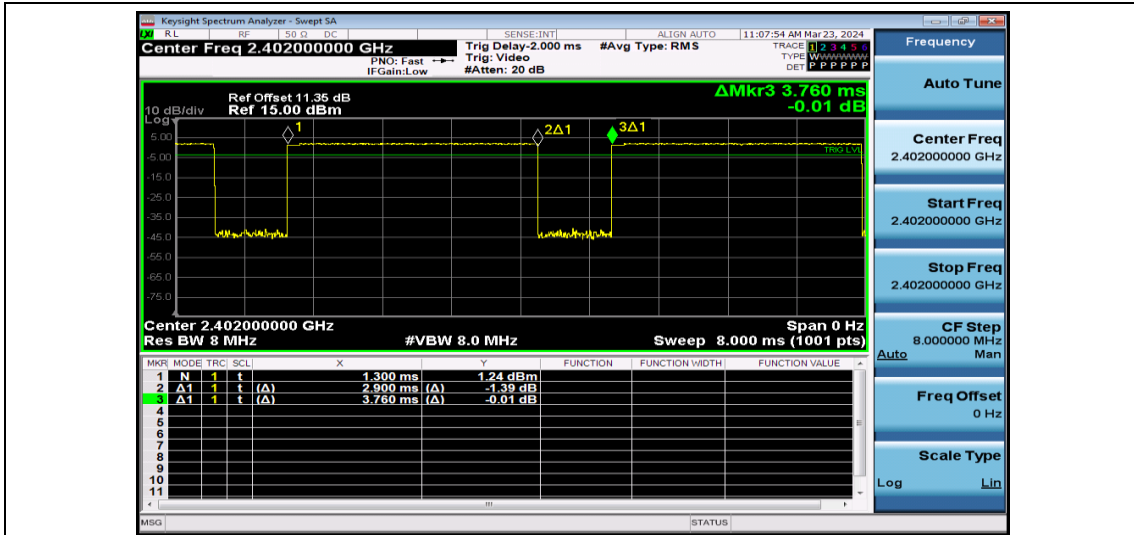
NTNV-DH5-Ant1-2402



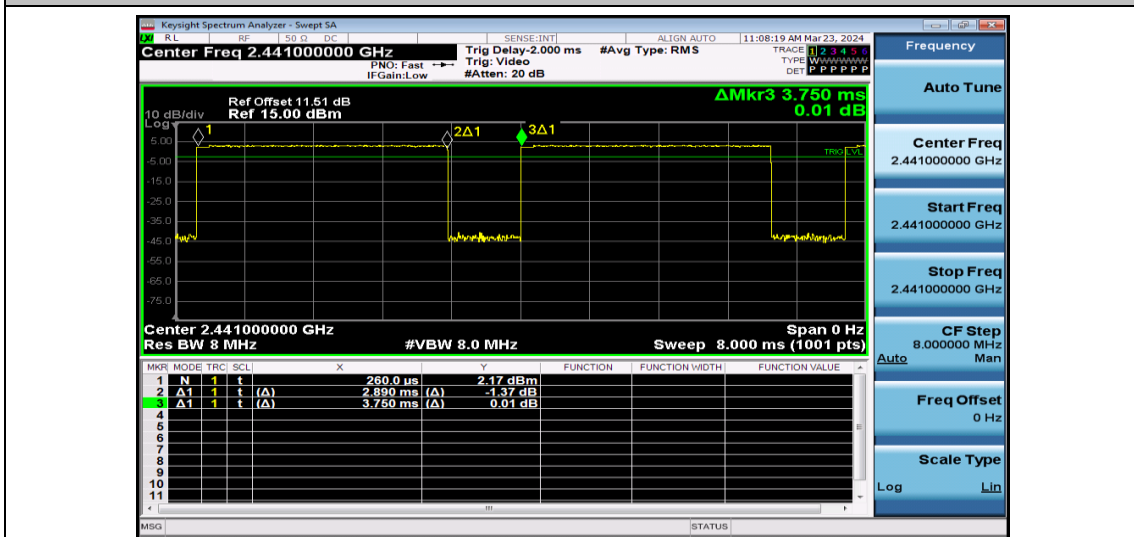
NTNV-DH5-Ant1-2441



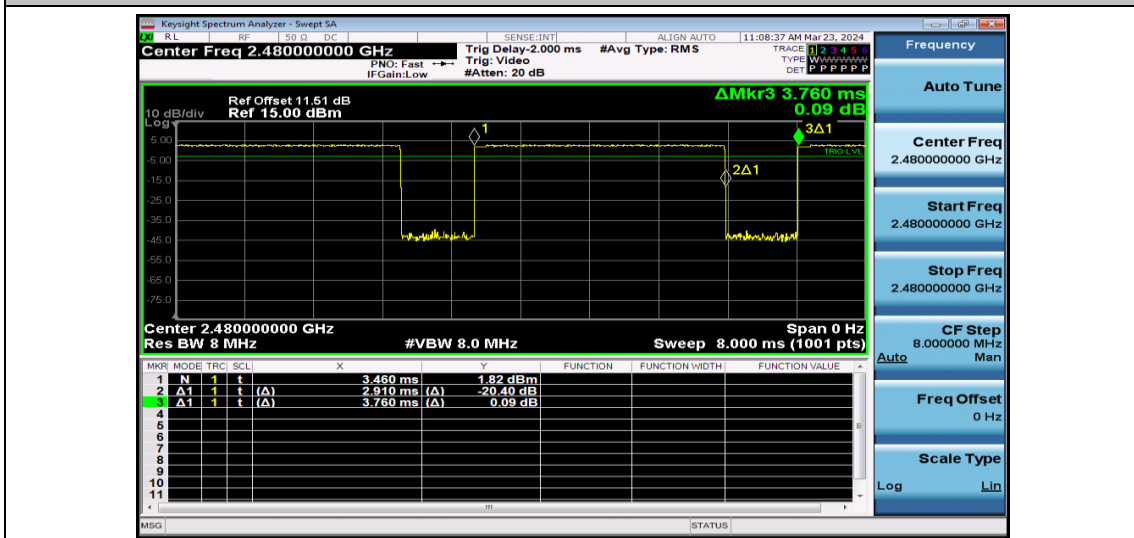
NTNV-DH5-Ant1-2480



NTVN-2DH5-Ant1-2402



NTVN-2DH5-Ant1-2441



NTVN-2DH5-Ant1-2480