Appendix C: Carrier frequency separation

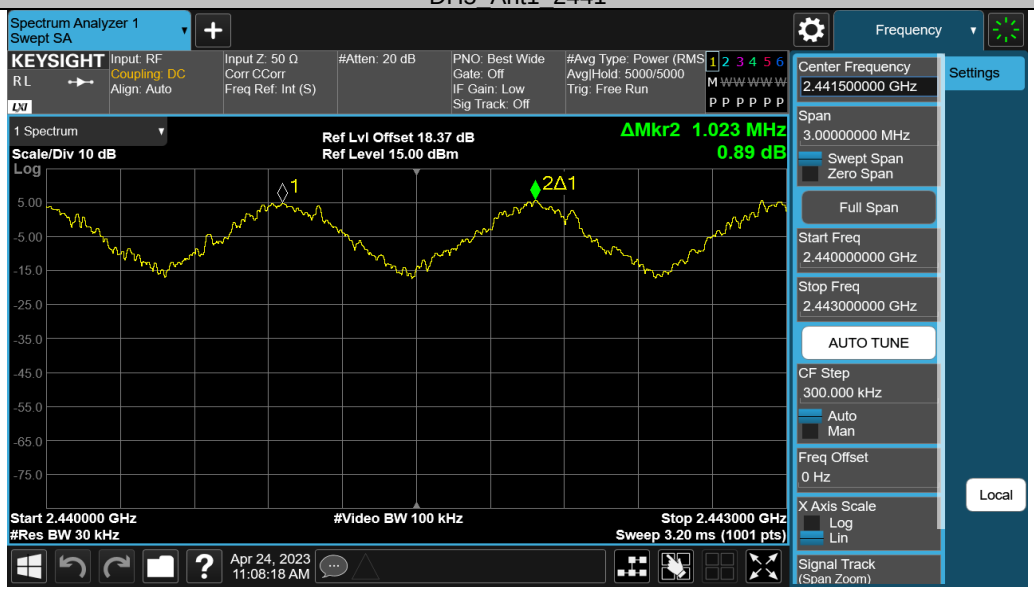
Test Result

Test Mode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.99	≥0.668	PASS
		2441	1.023	≥1.002	PASS
		2480	1.068	≥1.002	PASS
2DH5	Ant1	2402	0.861	≥0.852	PASS
		2441	0.993	≥0.852	PASS
		2480	0.996	≥0.852	PASS
3DH5	Ant1	2402	0.981	≥0.856	PASS
		2441	0.957	≥0.856	PASS
		2480	1.215	≥0.856	PASS

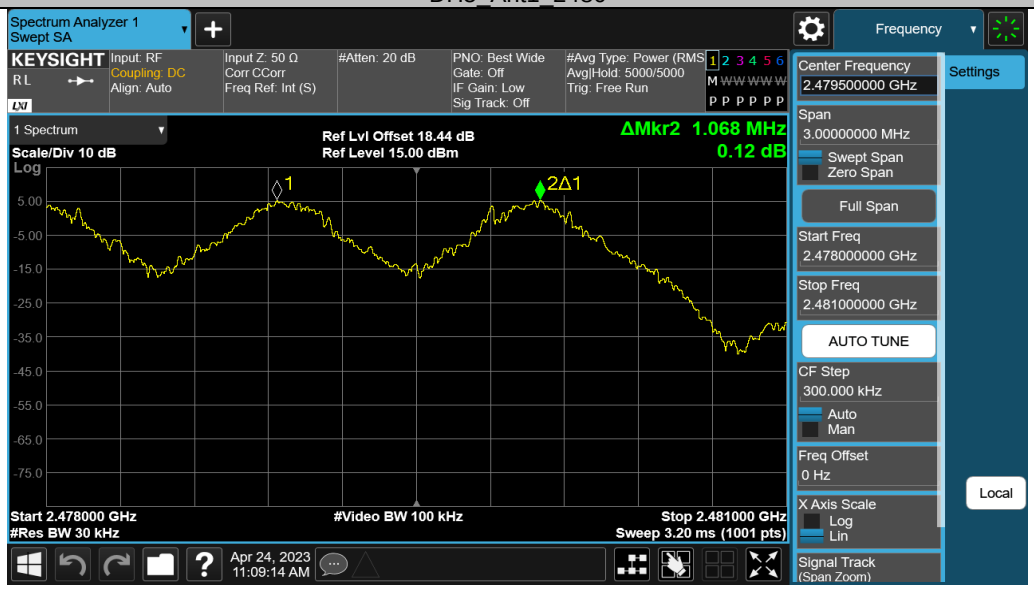
Test Graphs

DH5_Ant1_2402

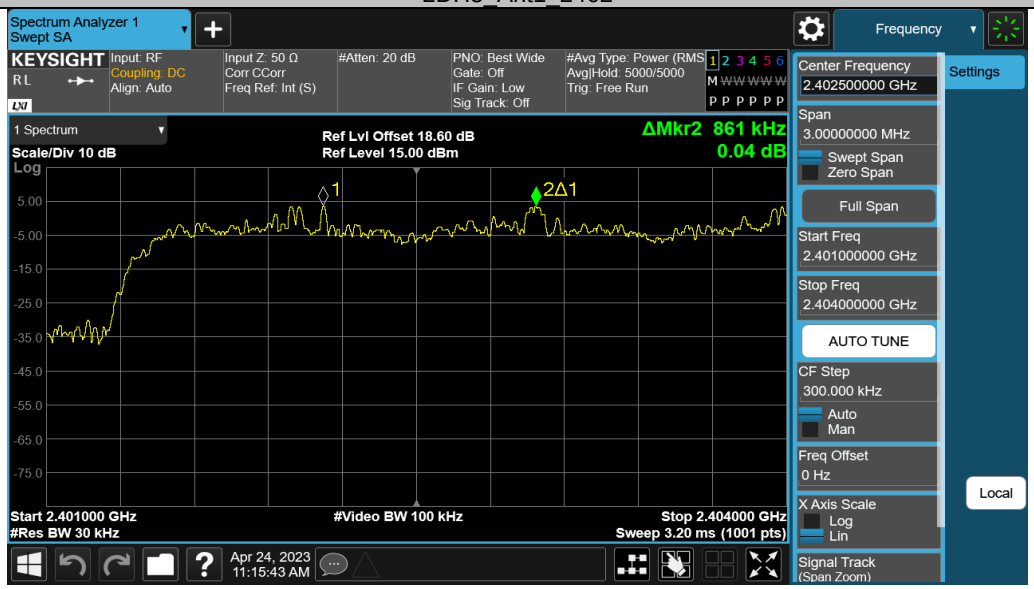
DH5_Ant1_2441



DH5_Ant1_2480

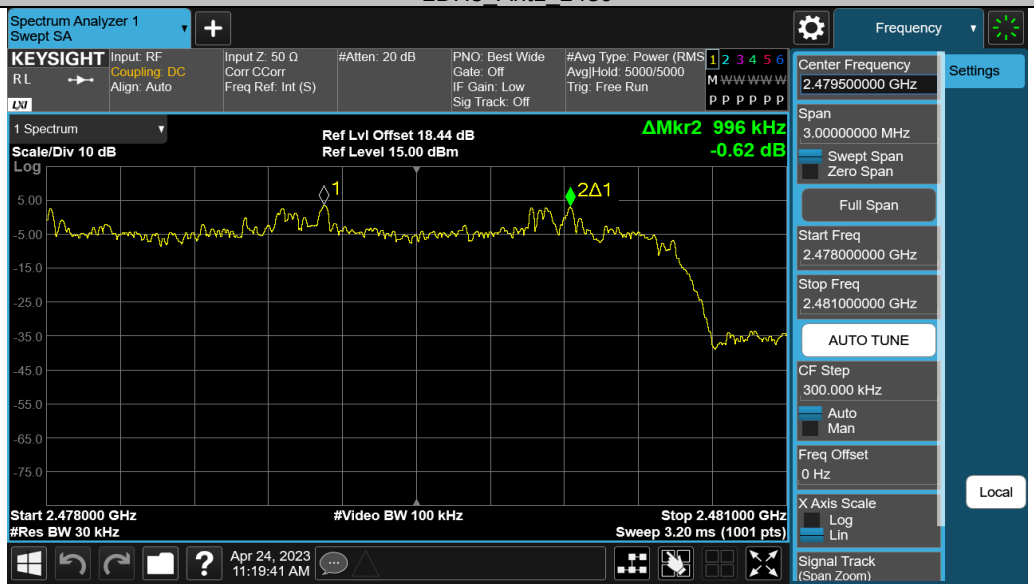


2DH5_Ant1_2402

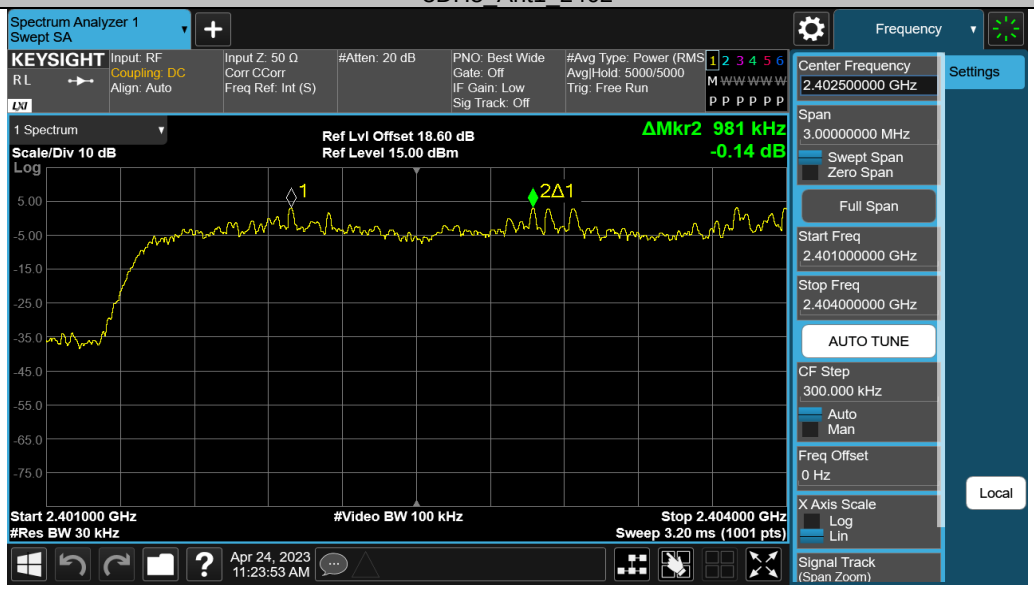


2DH5_Ant1_2441

2DH5_Ant1_2480

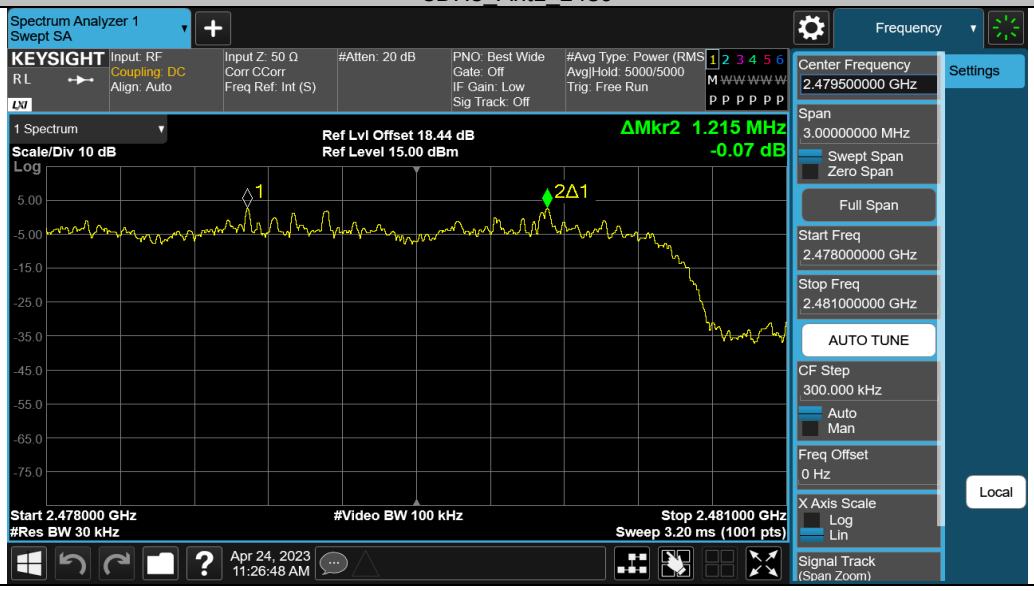


3DH5_Ant1_2402



3DH5_Ant1_2441

3DH5_Ant1_2480



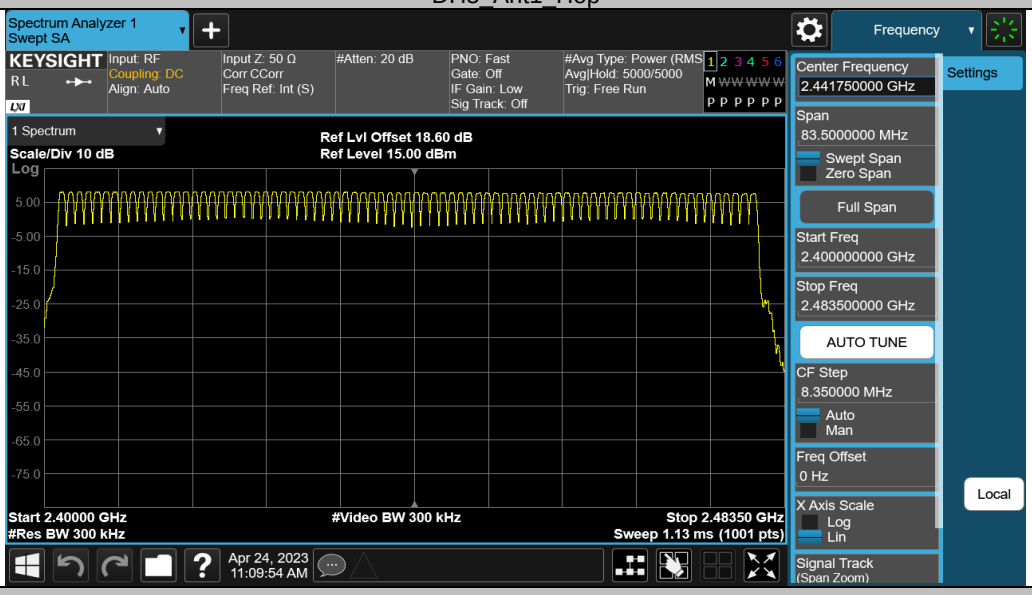
Appendix D: Number of hopping channels

Test Result

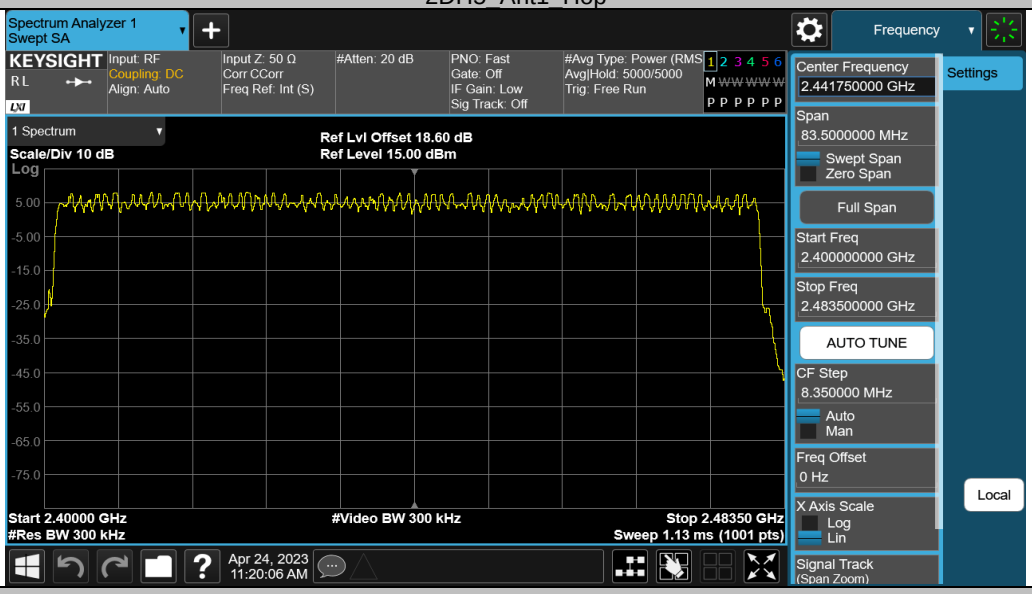
Test Mode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

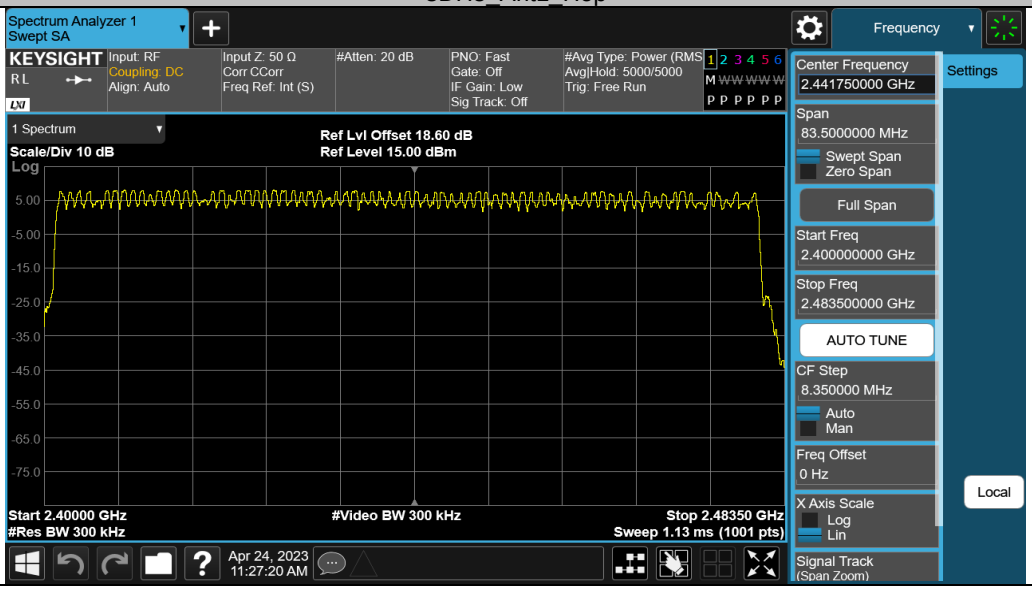
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop



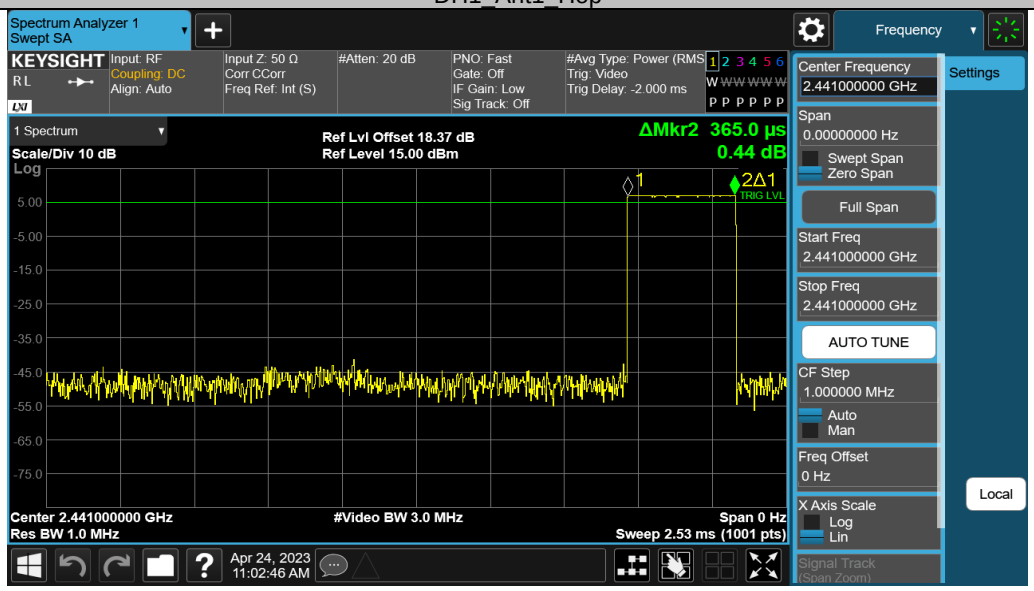
Appendix E: Time of occupancy

Test Result

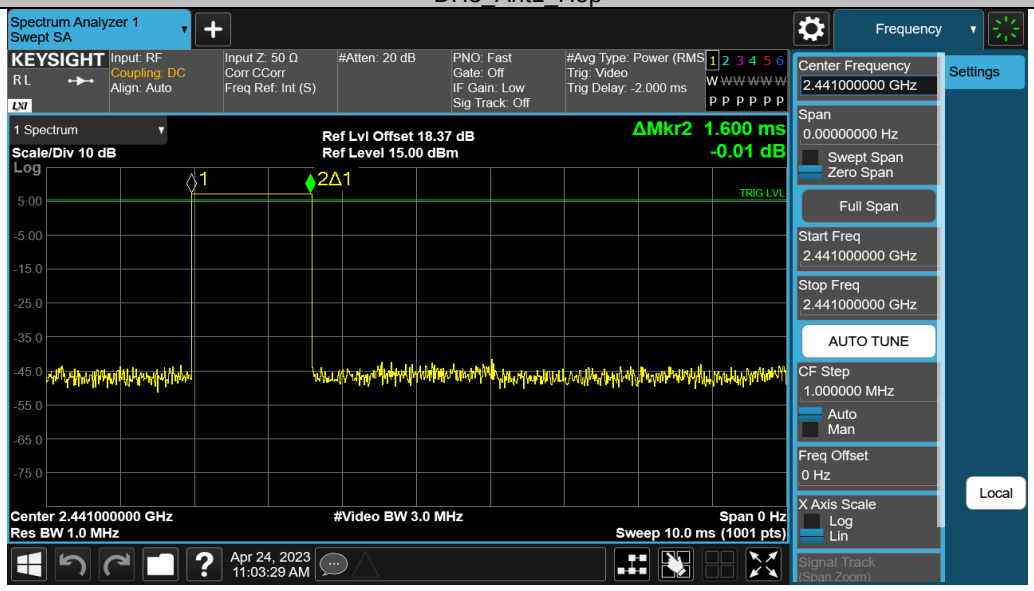
Test Mode	Antenna	Freq(MHz)	Burst Width [ms]	Total Hops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.365	320	0.117	≤0.4	PASS
DH3	Ant1	Hop	1.600	160	0.256	≤0.4	PASS
DH5	Ant1	Hop	2.860	106.67	0.305	≤0.4	PASS
2DH1	Ant1	Hop	0.375	320	0.12	≤0.4	PASS
2DH3	Ant1	Hop	1.610	160	0.258	≤0.4	PASS
2DH5	Ant1	Hop	2.300	106.67	0.245	≤0.4	PASS
3DH1	Ant1	Hop	0.375	320	0.12	≤0.4	PASS
3DH3	Ant1	Hop	1.610	160	0.258	≤0.4	PASS
3DH5	Ant1	Hop	2.860	106.67	0.305	≤0.4	PASS

Test Graphs

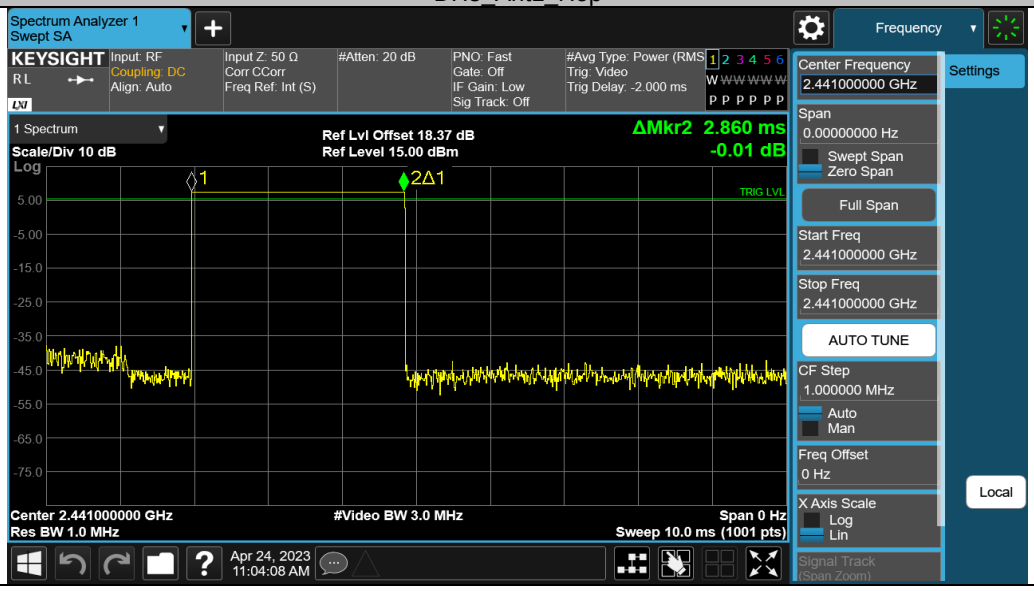
DH1_Ant1_Hop



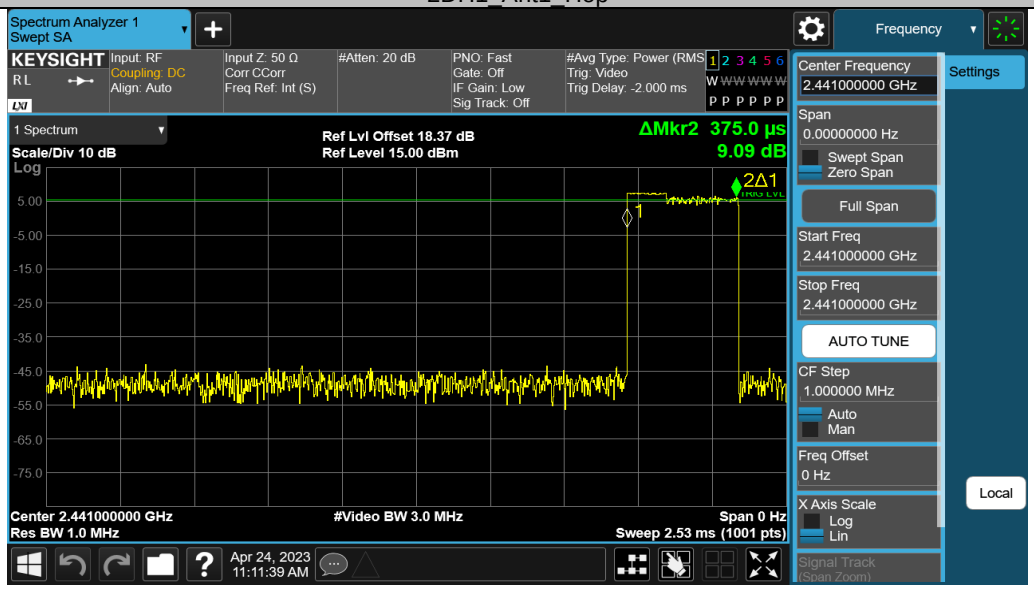
DH3_Ant1_Hop



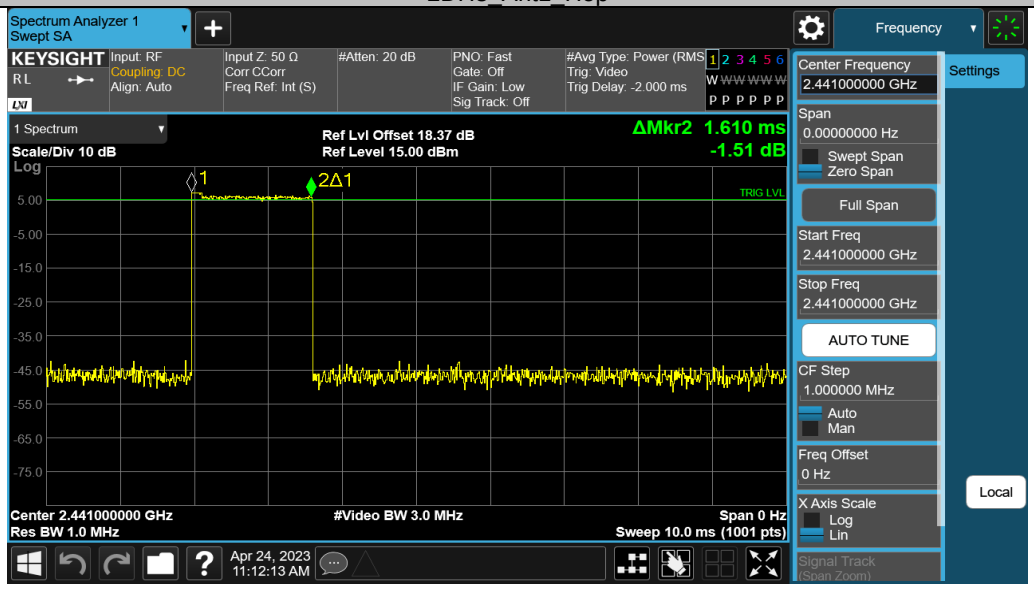
DH5_Ant1_Hop



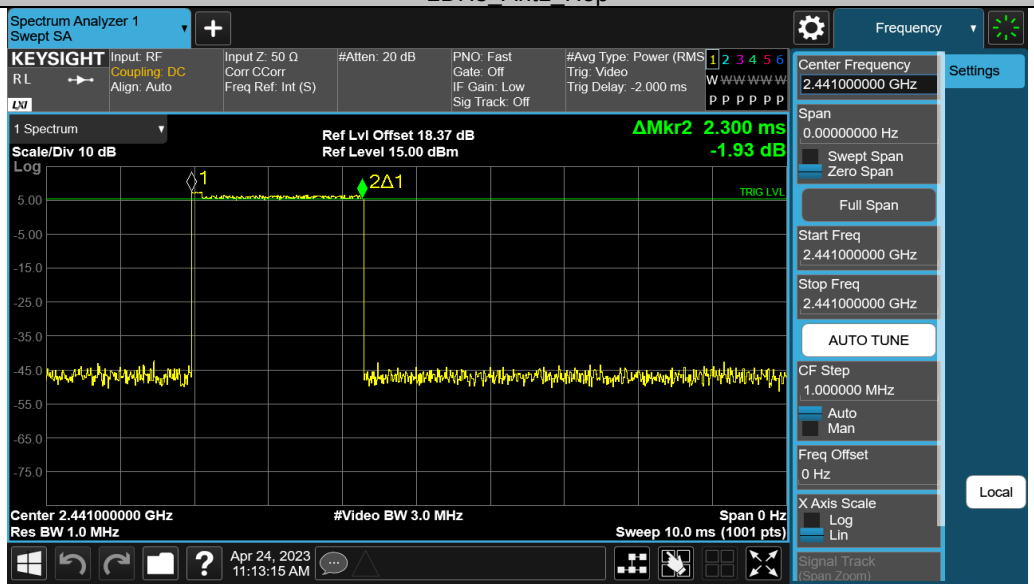
2DH1_Ant1_Hop



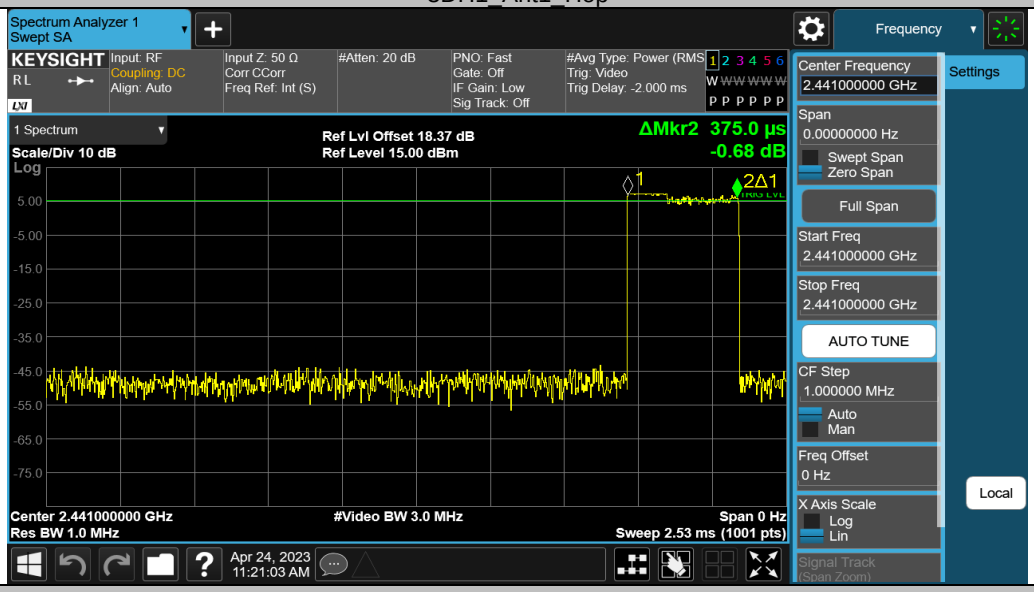
2DH3_Ant1_Hop



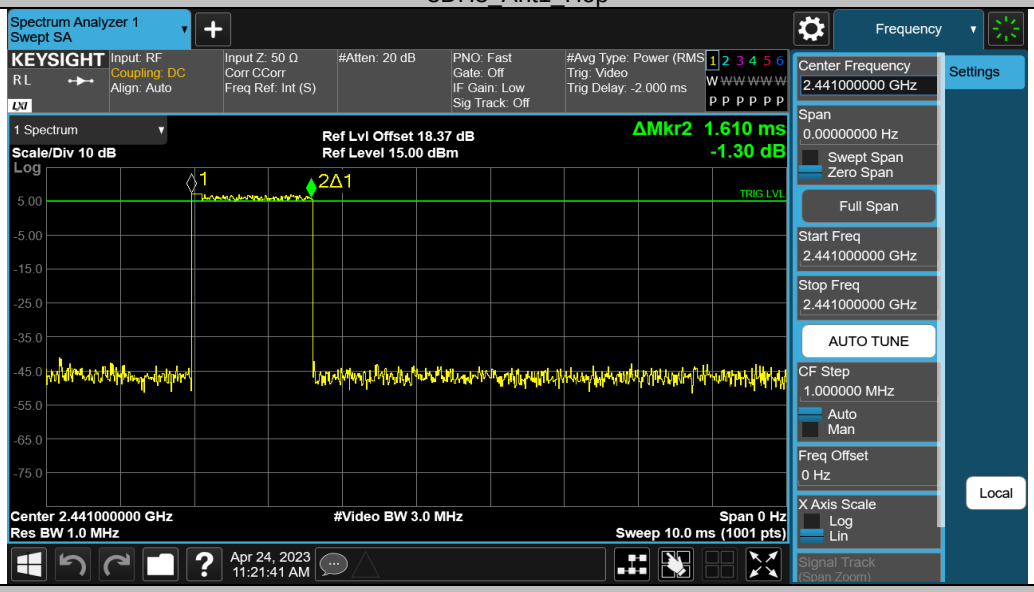
2DH5_Ant1_Hop



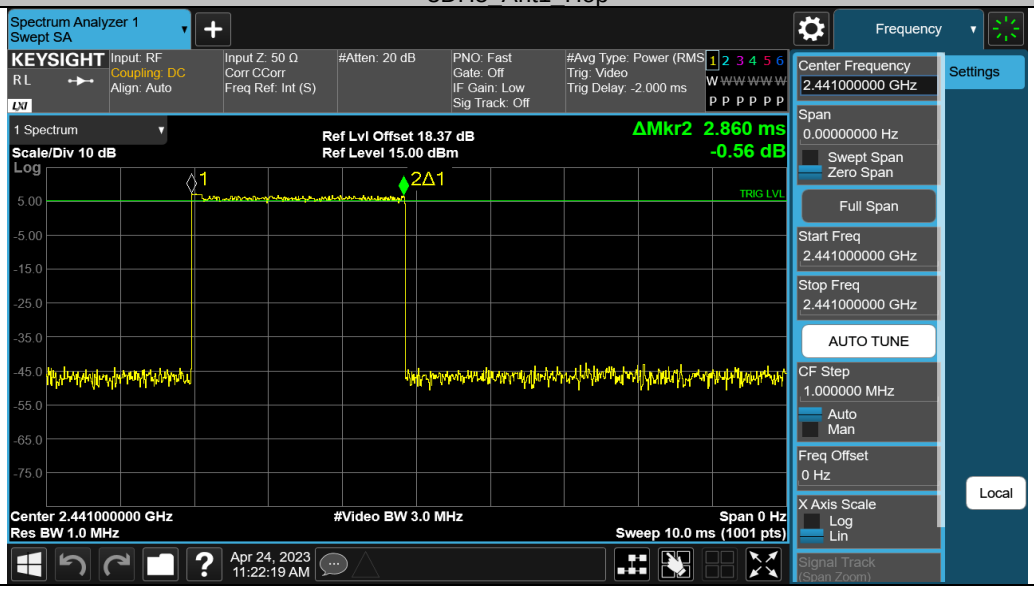
3DH1_Ant1_Hop



3DH3_Ant1_Hop



3DH5_Ant1_Hop



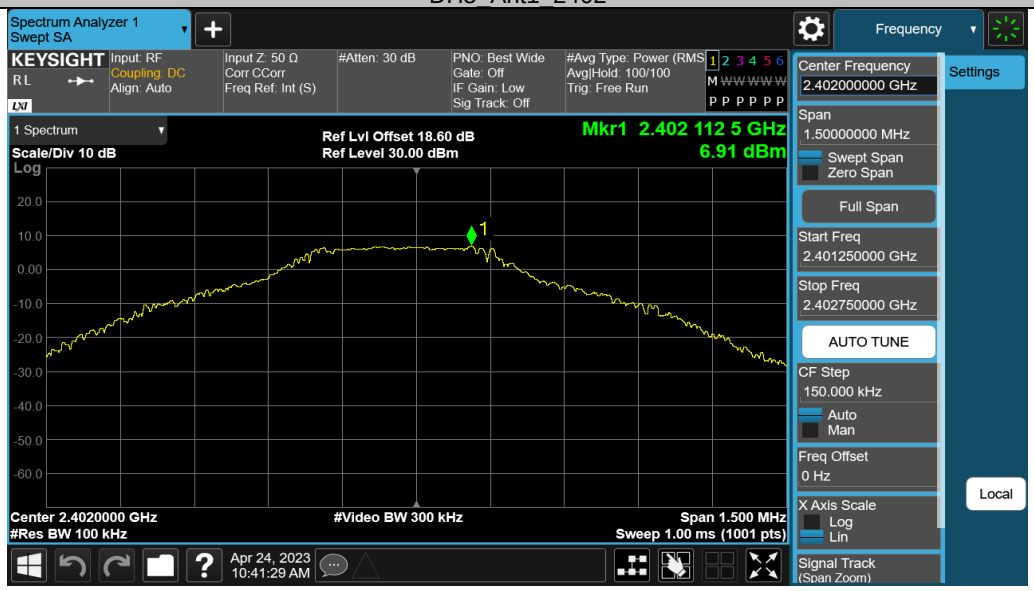
Appendix F: Reference level measurement

Test Result

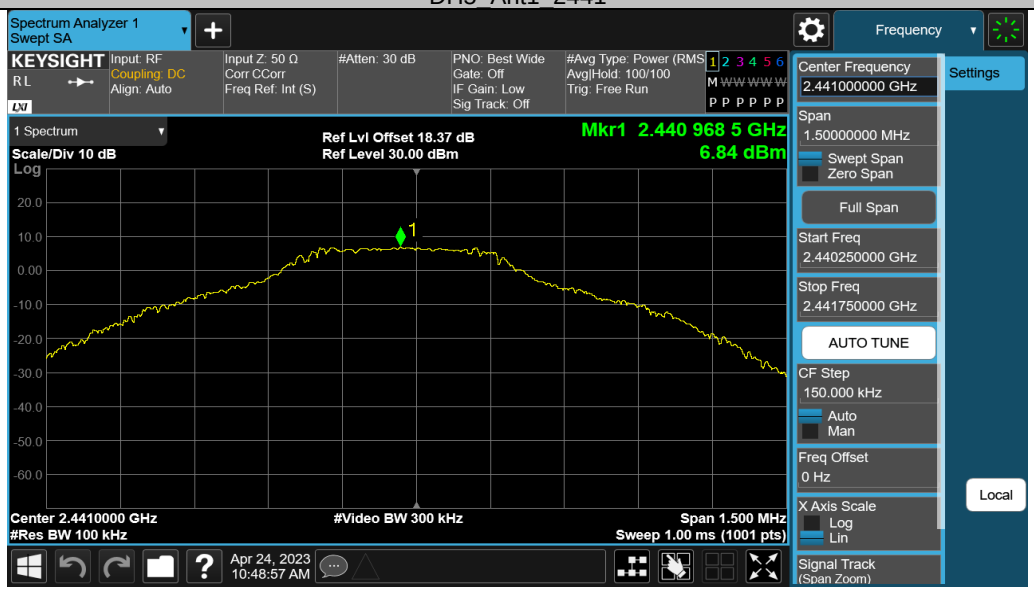
Test Mode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2402.11	6.91
		2441	2440.97	6.84
		2480	2479.97	6.43
2DH5	Ant1	2402	2401.81	7.22
		2441	2440.81	7.15
		2480	2479.81	6.68
3DH5	Ant1	2402	2401.96	6.34
		2441	2440.81	7.15
		2480	2479.99	6.25

Test Graphs

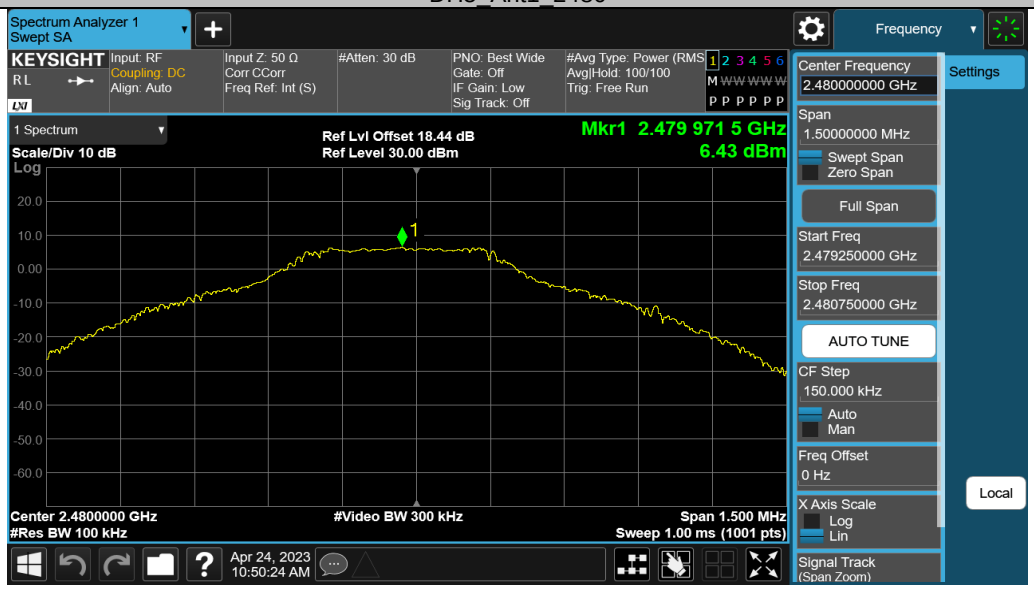
DH5_Ant1_2402



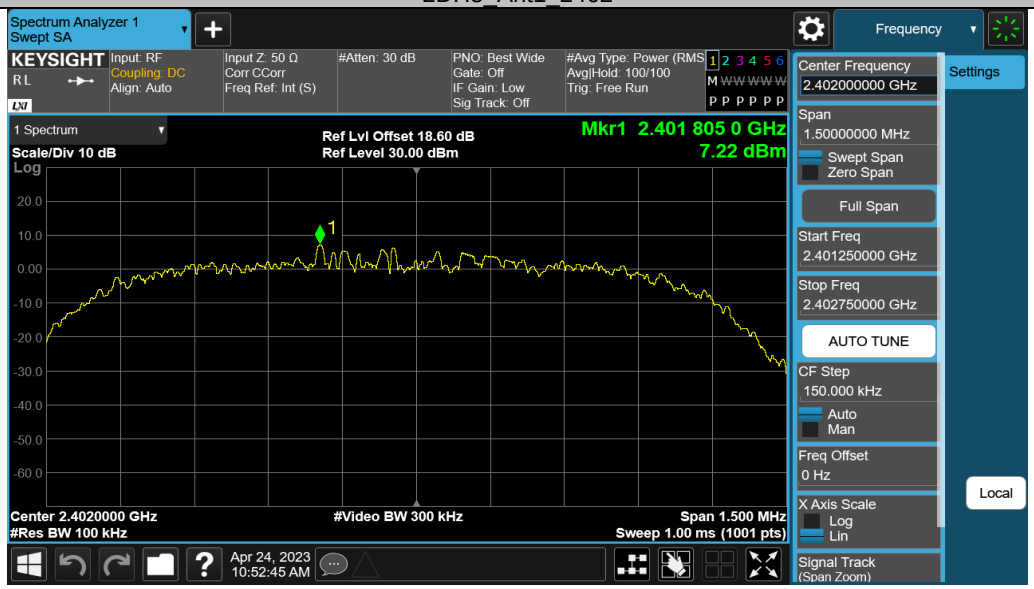
DH5_Ant1_2441



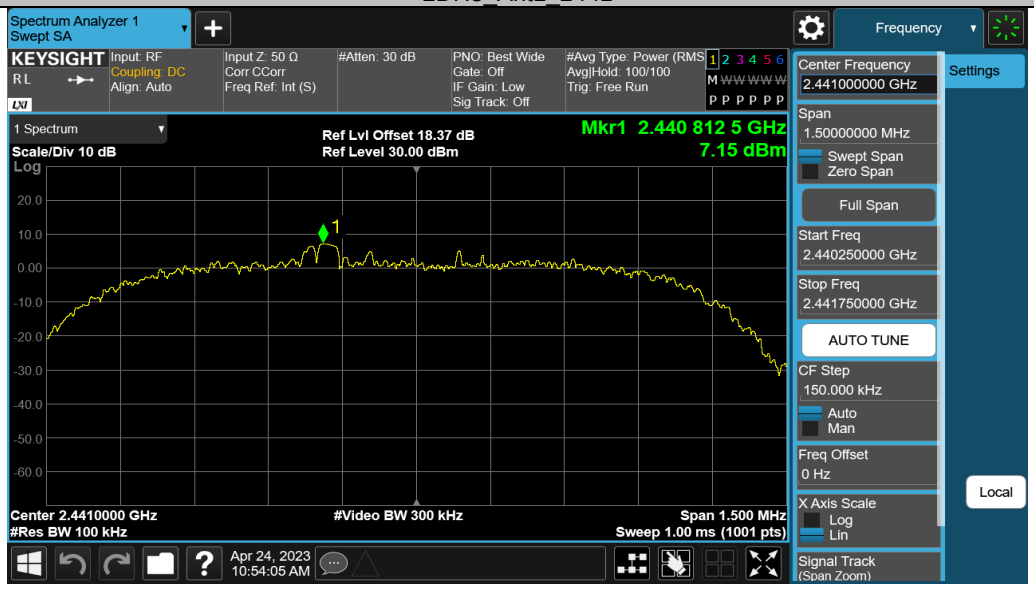
DH5_Ant1_2480



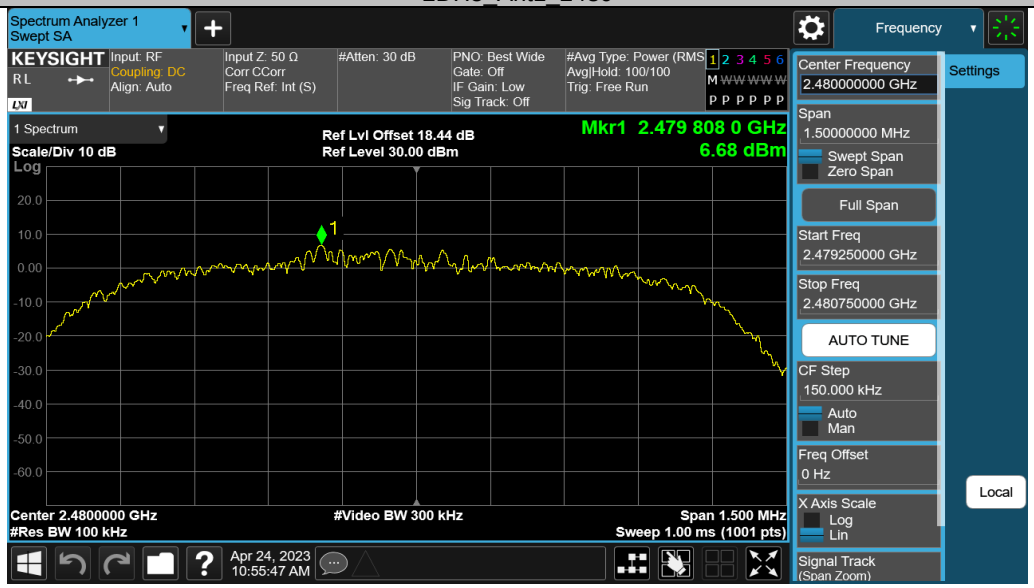
2DH5_Ant1_2402



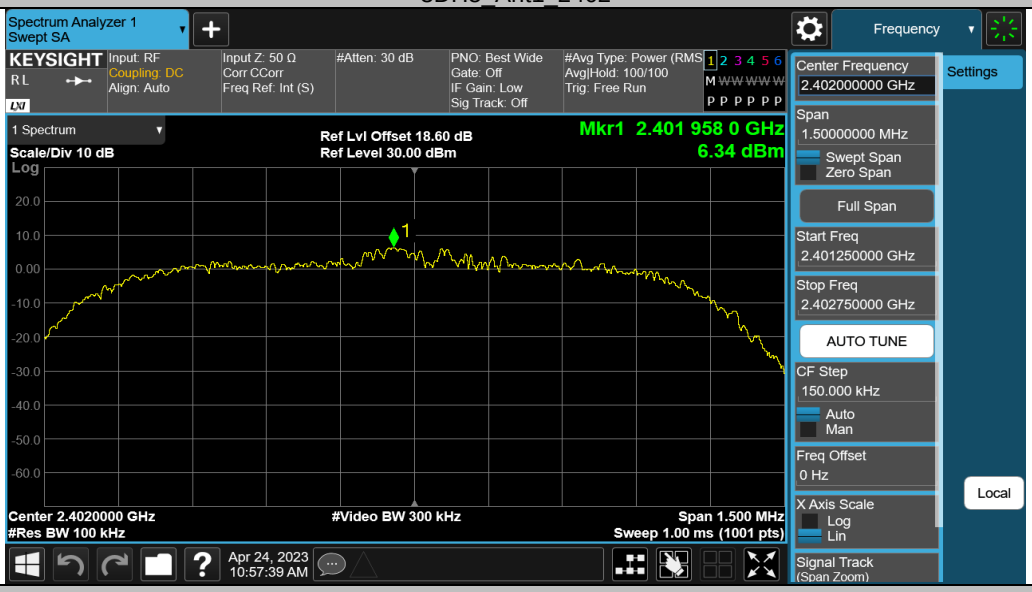
2DH5_Ant1_2441



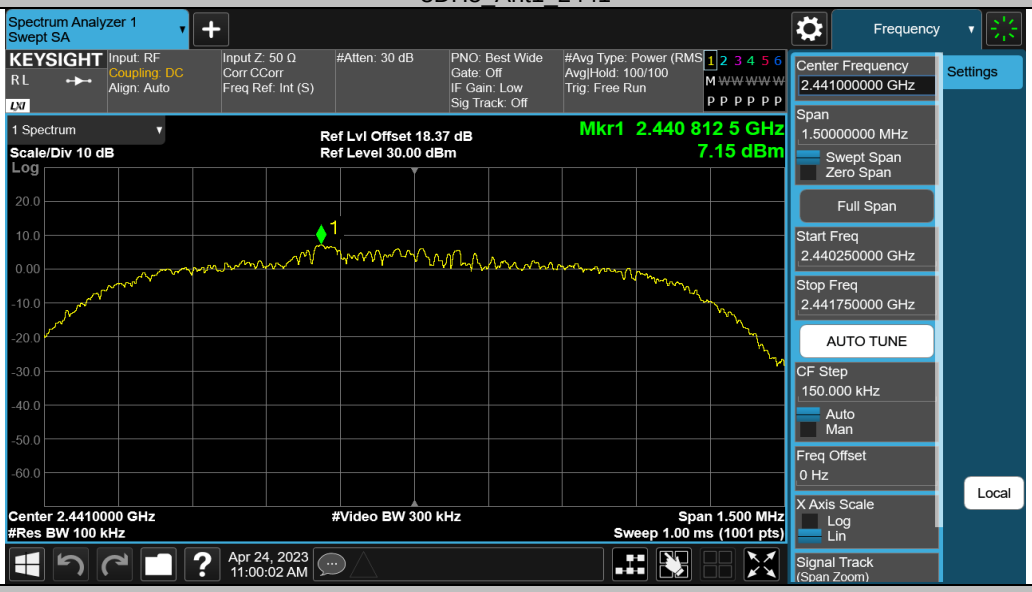
2DH5_Ant1_2480



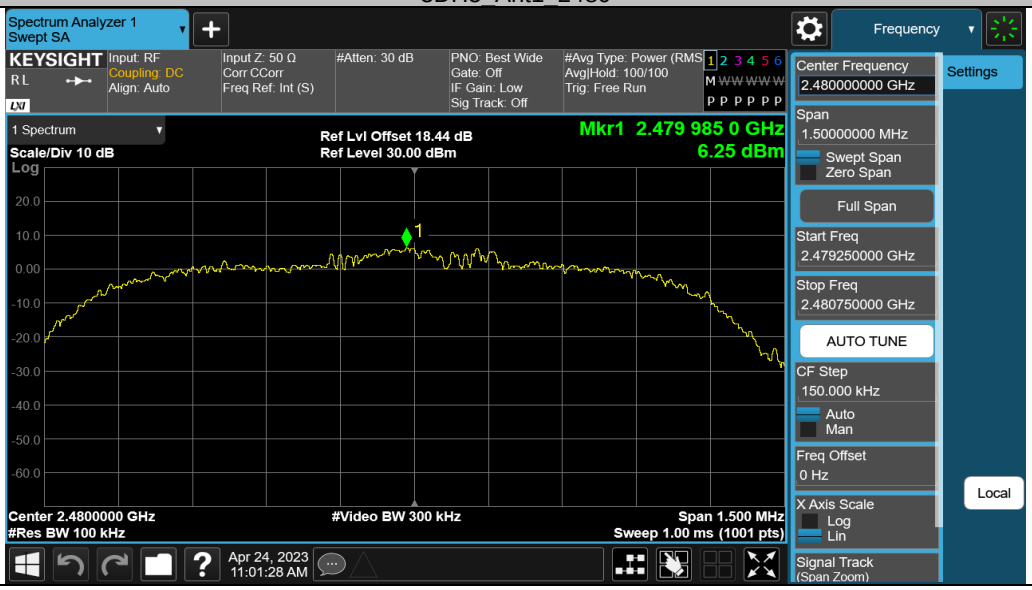
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



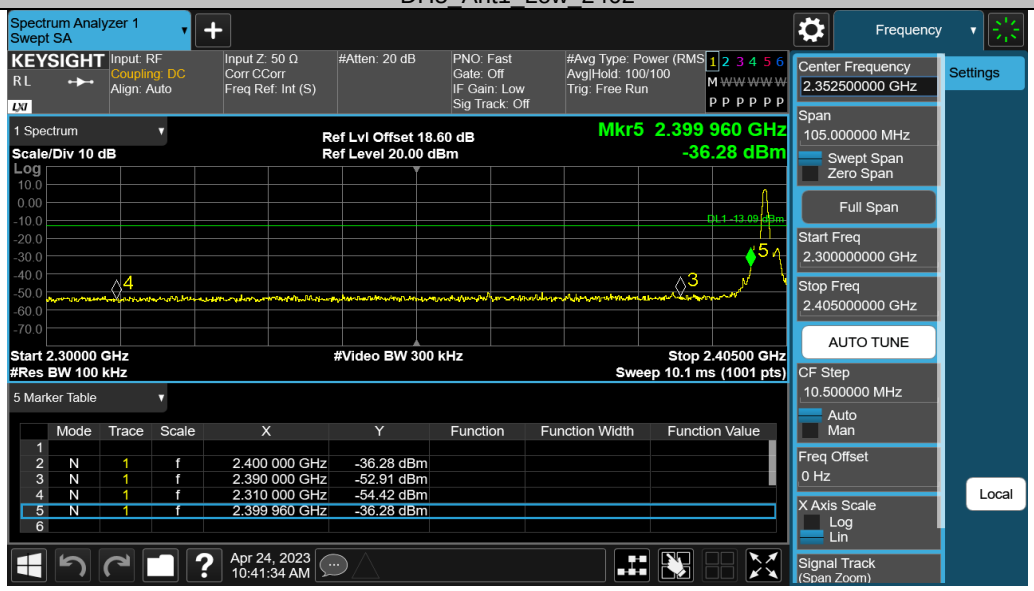
Appendix G: Band edge measurements

Test Result

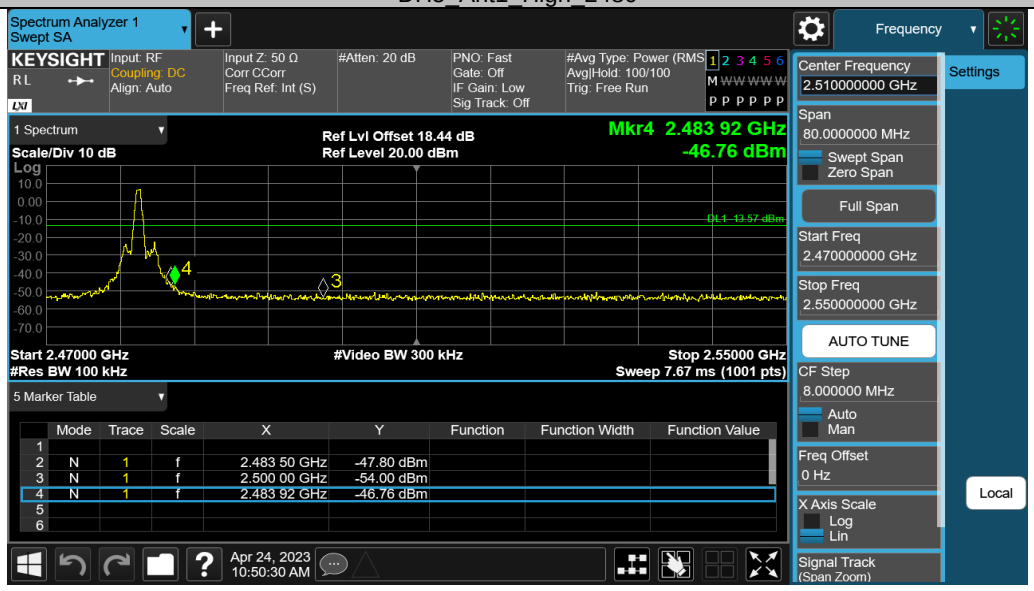
Test Mode	Antenna	Ch Name	Freq(MHz)	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	6.91	-36.28	≤-13.09	PASS
		High	2480	6.43	-46.76	≤-13.57	PASS
		Low	Hop_2402	7.42	-49.96	≤-12.58	PASS
		High	Hop_2480	7.08	-50.35	≤-12.92	PASS
2DH5	Ant1	Low	2402	7.22	-35.13	≤-12.78	PASS
		High	2480	6.68	-48.68	≤-13.32	PASS
		Low	Hop_2402	6.38	-50.65	≤-13.63	PASS
		High	Hop_2480	7.21	-50.05	≤-12.79	PASS
3DH5	Ant1	Low	2402	6.34	-32.26	≤-13.66	PASS
		High	2480	6.25	-48.64	≤-13.75	PASS
		Low	Hop_2402	6.41	-50.34	≤-13.59	PASS
		High	Hop_2480	5.96	-50.3	≤-14.04	PASS

Test Graphs

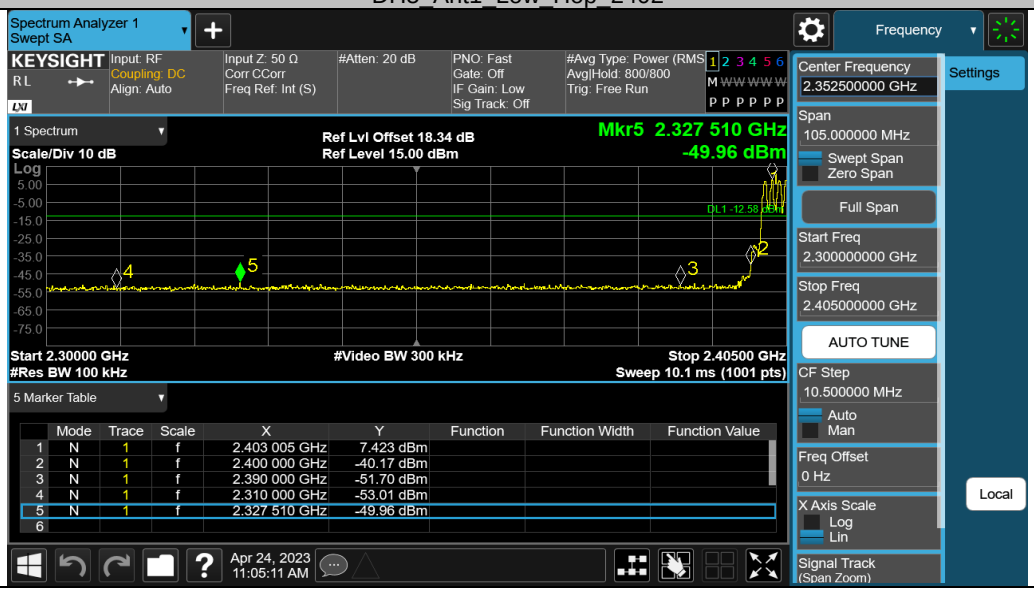
DH5_Ant1_Low_2402



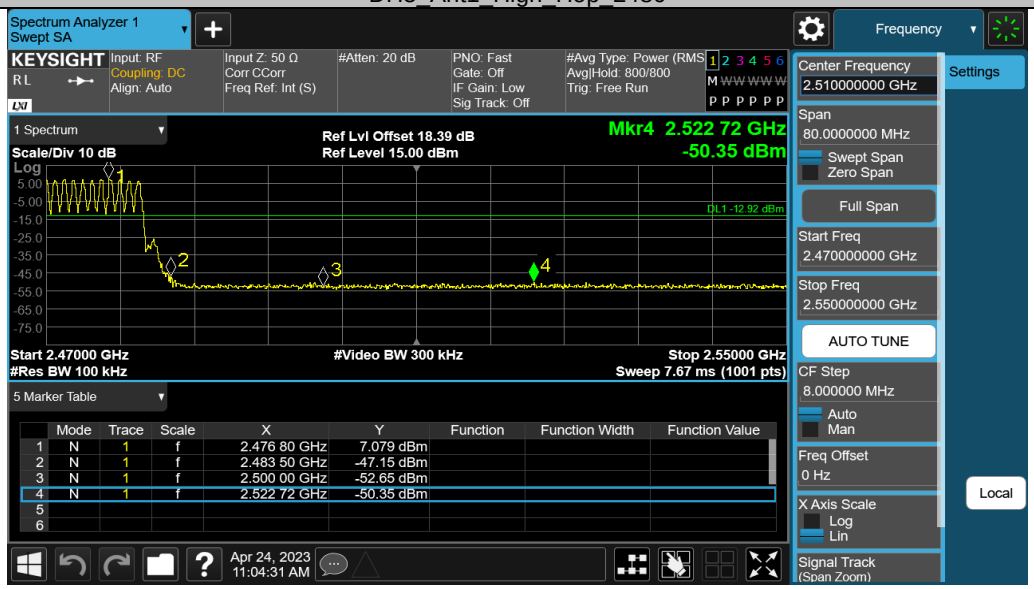
DH5_Ant1_High_2480



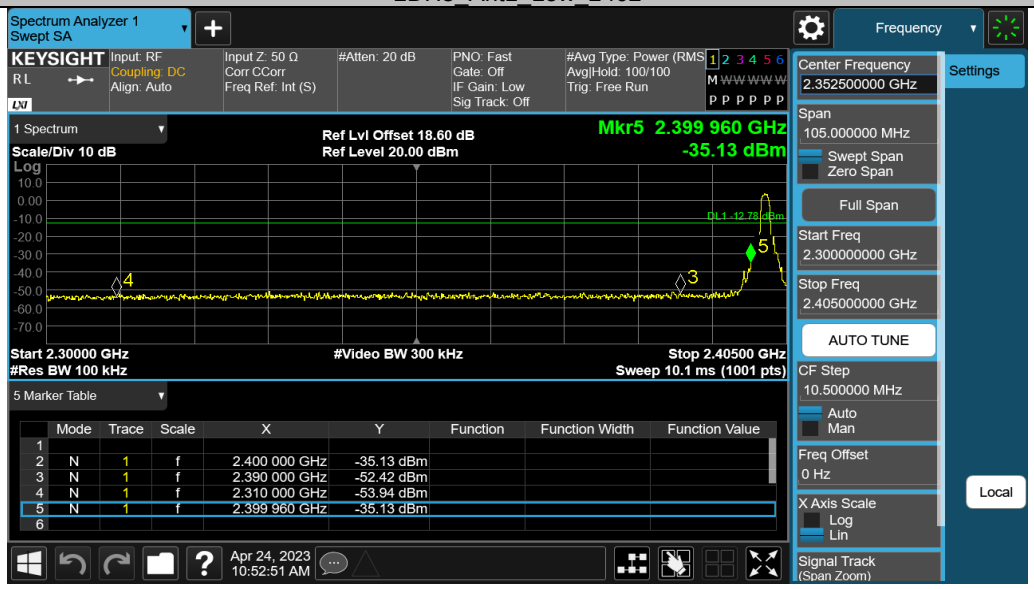
DH5_Ant1_Low_Hop_2402



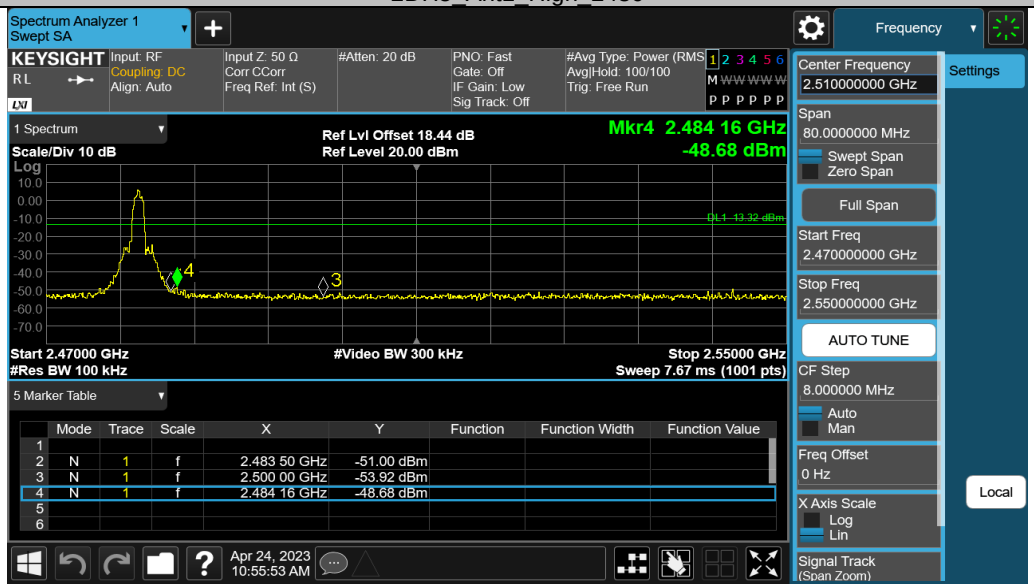
DH5_Ant1_High_Hop_2480



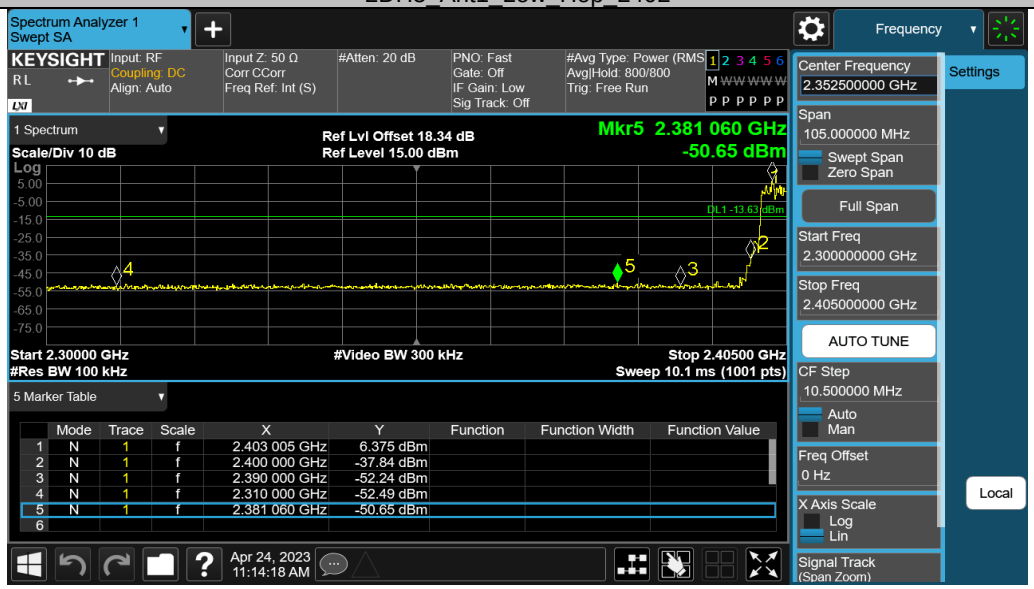
2DH5_Ant1_Low_2402



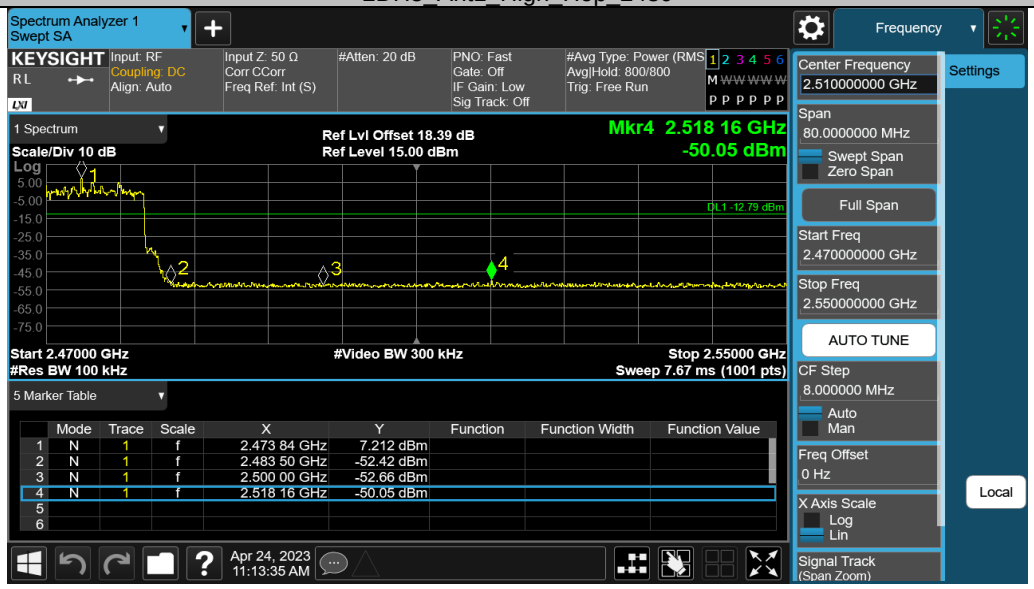
2DH5_Ant1_High_2480



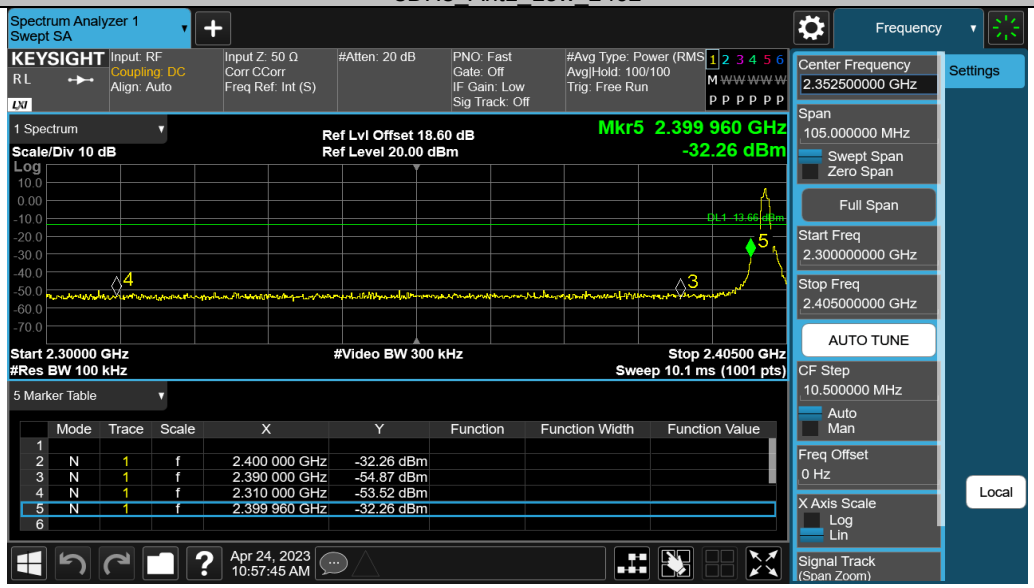
2DH5_Ant1_Low_Hop_2402



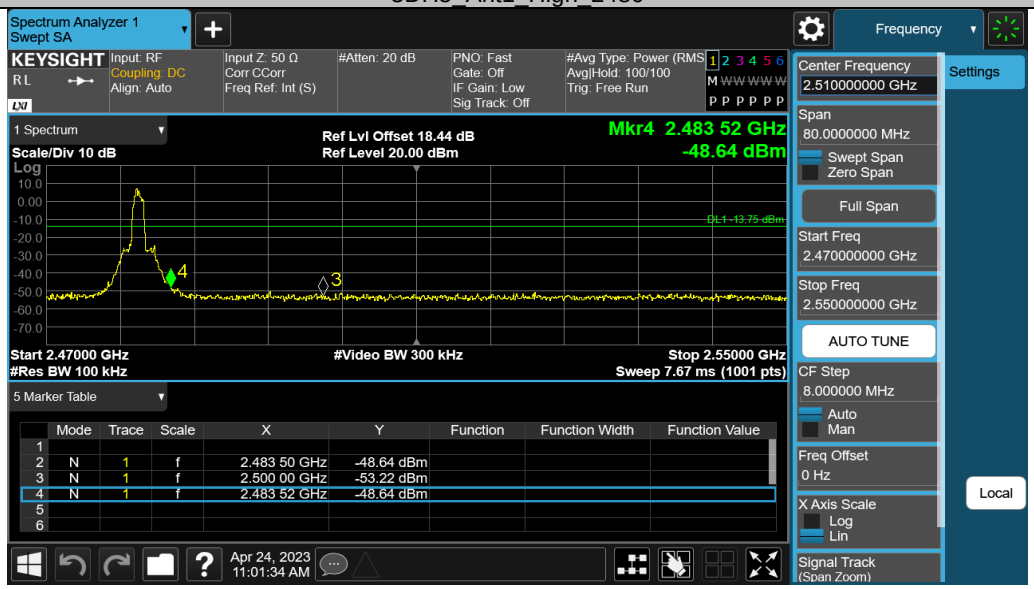
2DH5_Ant1_High_Hop_2480



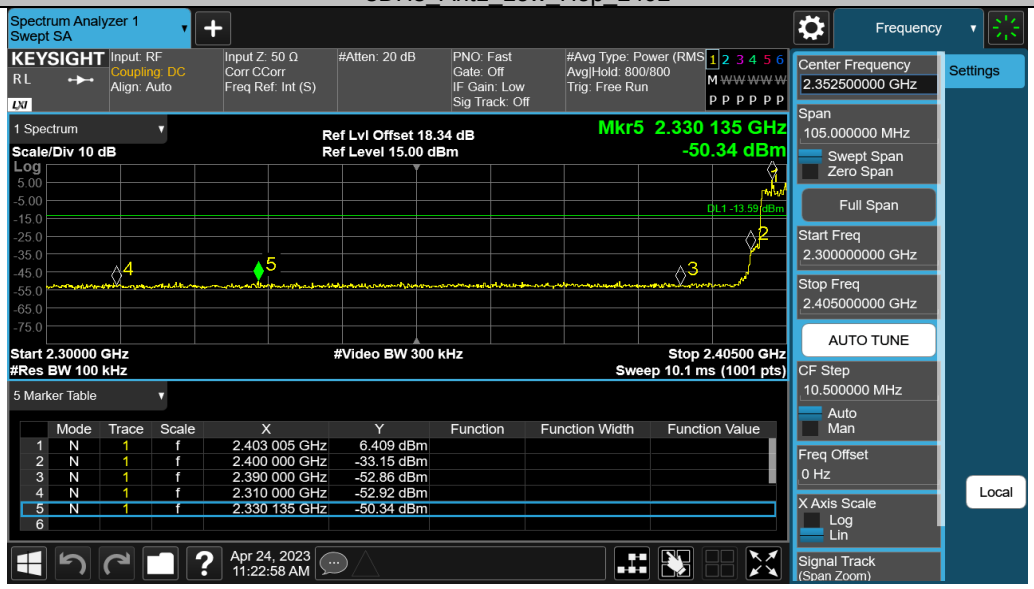
3DH5_Ant1_Low_2402



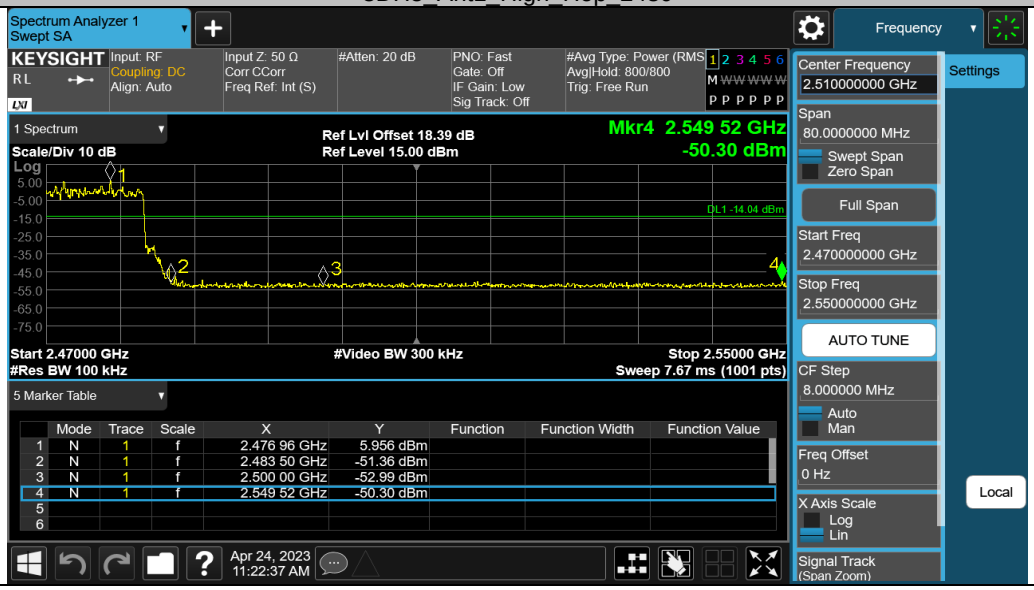
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480



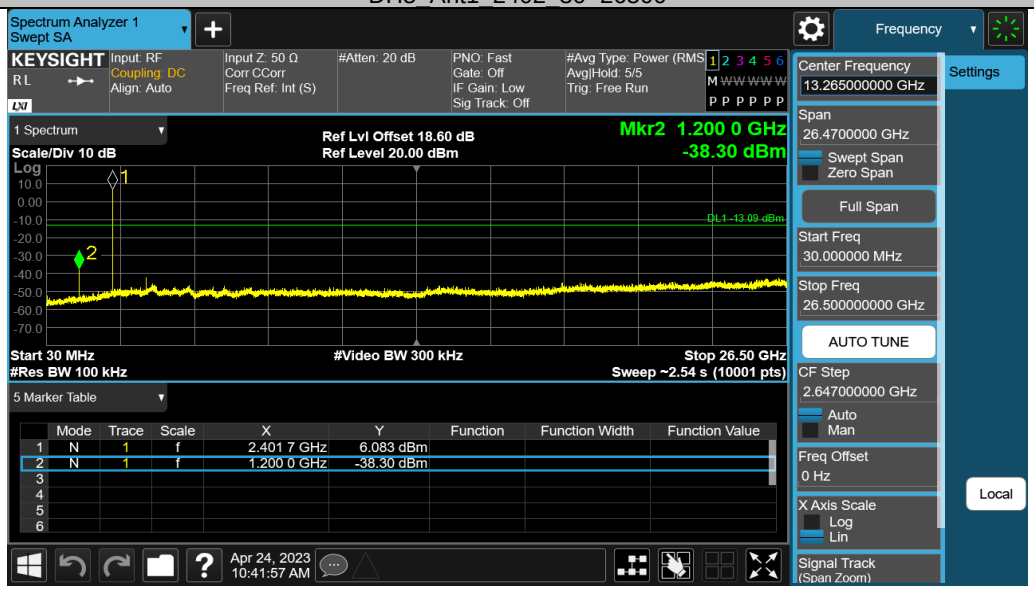
Appendix H: Conducted Spurious Emission

Test Result

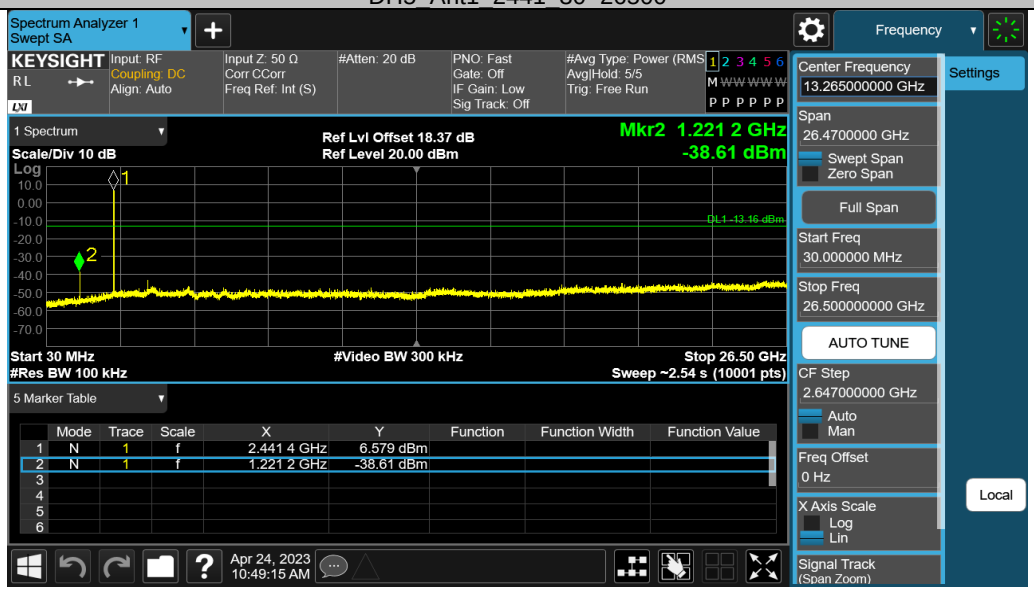
Test Mode	Antenna	Freq(MHz)	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~26500	6.91	-38.3	≤-13.09	PASS
		2441	30~26500	6.84	-38.62	≤-13.16	PASS
		2480	30~26500	6.43	-39.74	≤-13.57	PASS
2DH5	Ant1	2402	30~26500	7.22	-42.79	≤-12.78	PASS
		2441	30~26500	7.15	-42.17	≤-12.85	PASS
		2480	30~26500	6.68	-42.77	≤-13.32	PASS
3DH5	Ant1	2402	30~26500	6.34	-43.24	≤-13.66	PASS
		2441	30~26500	7.15	-42.57	≤-12.85	PASS
		2480	30~26500	6.25	-42.81	≤-13.75	PASS

Test Graphs

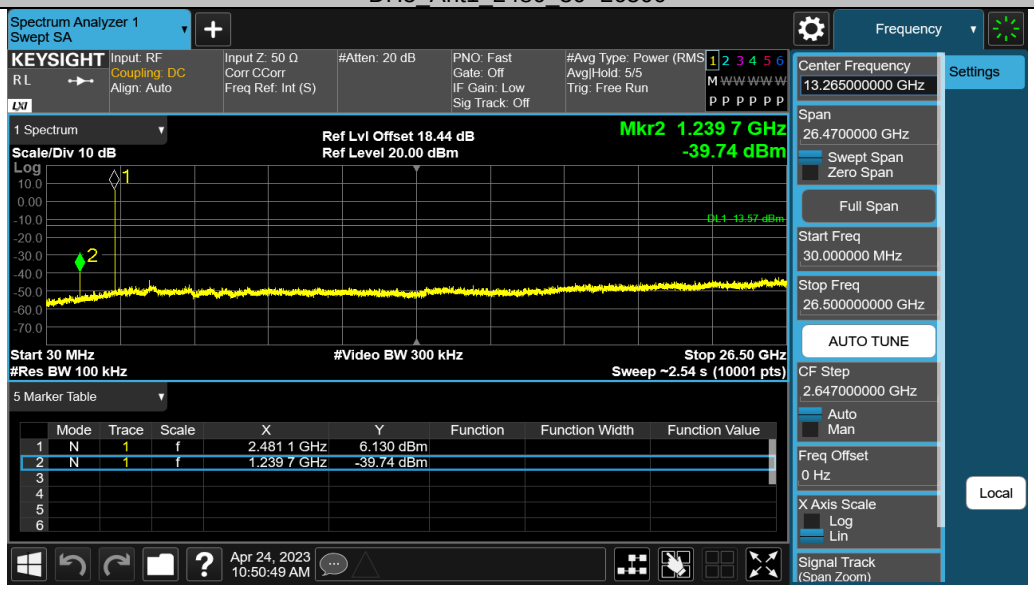
DH5_Ant1_2402_30~26500



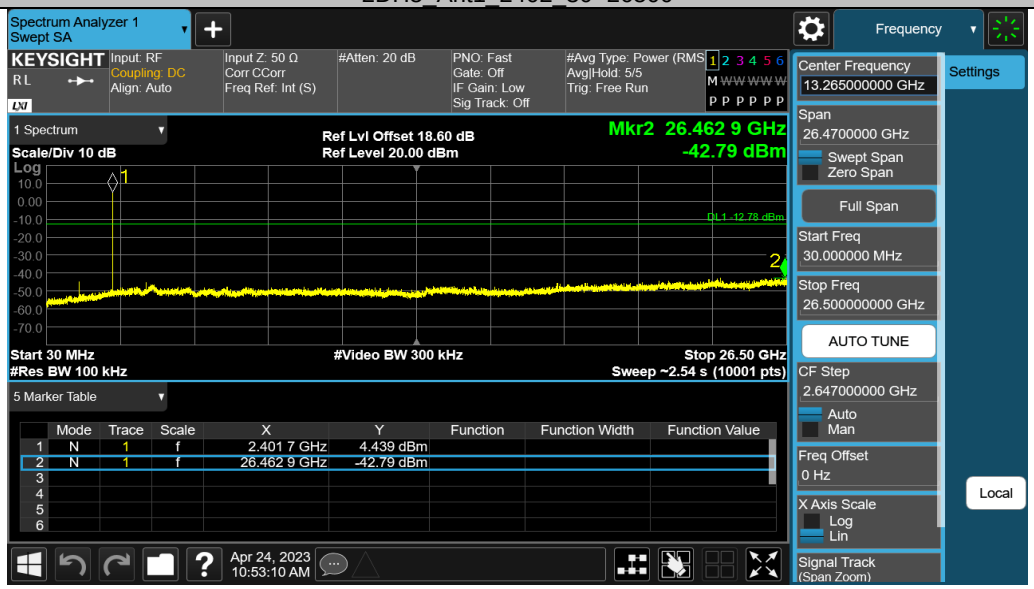
DH5_Ant1_2441_30~26500



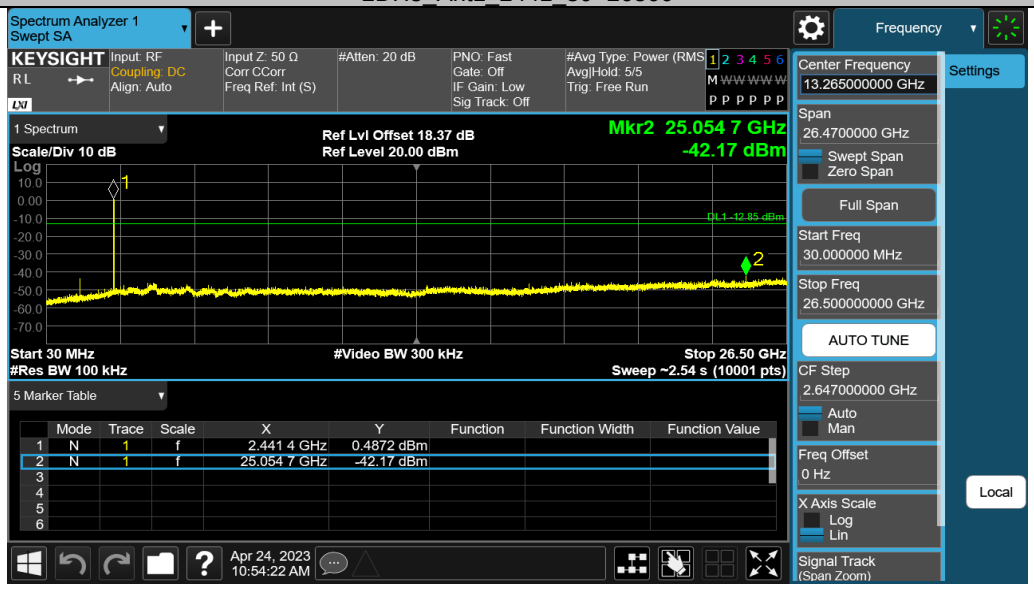
DH5_Ant1_2480_30~26500



2DH5_Ant1_2402_30~26500



2DH5_Ant1_2441_30~26500



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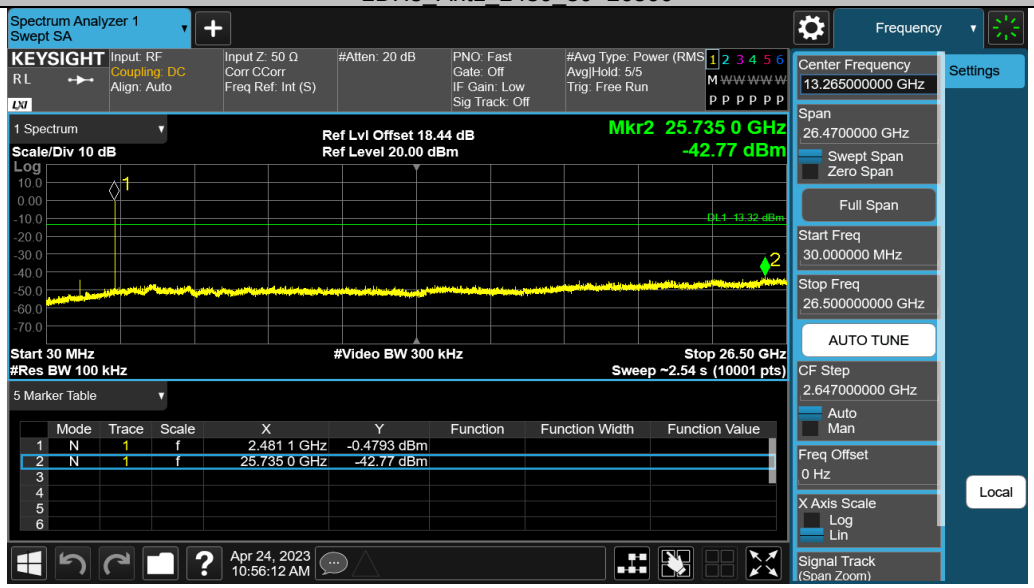

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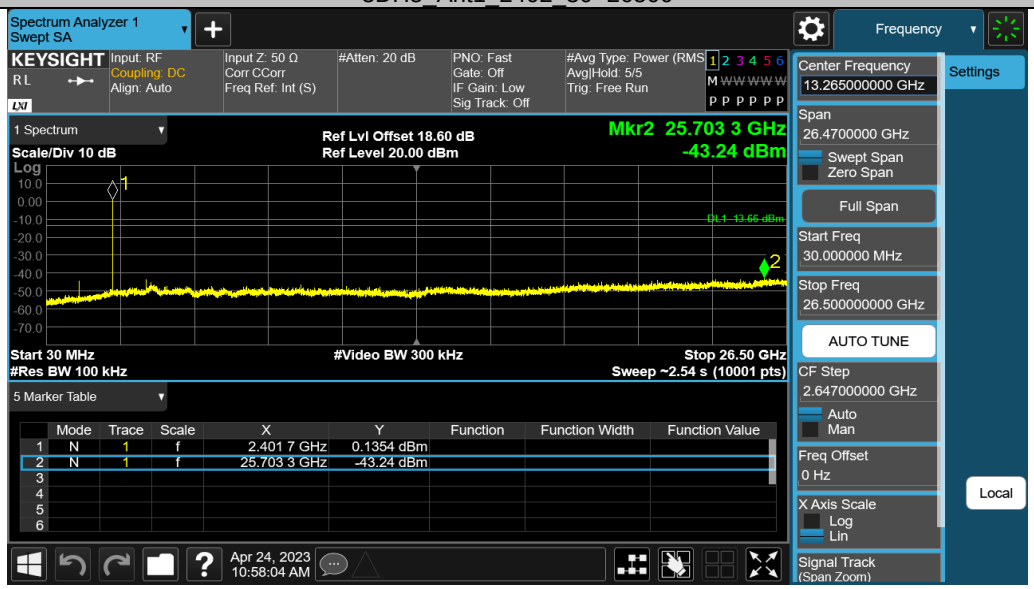

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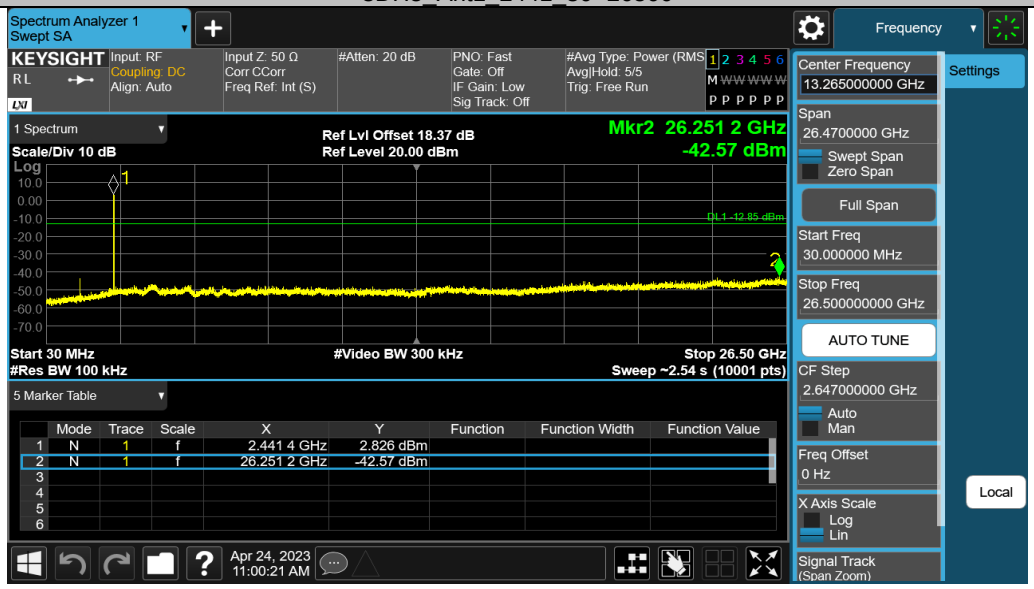

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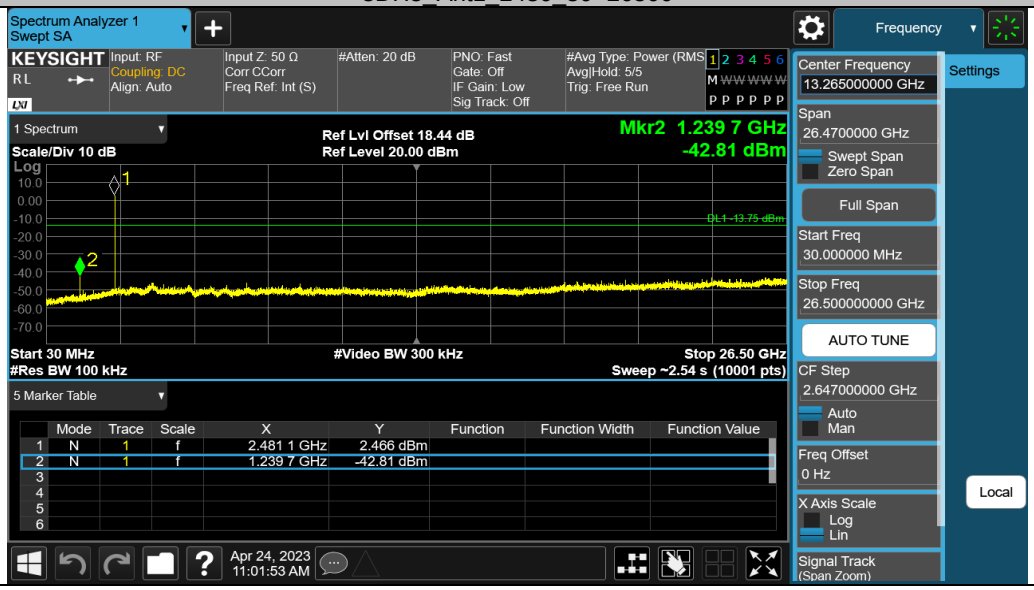
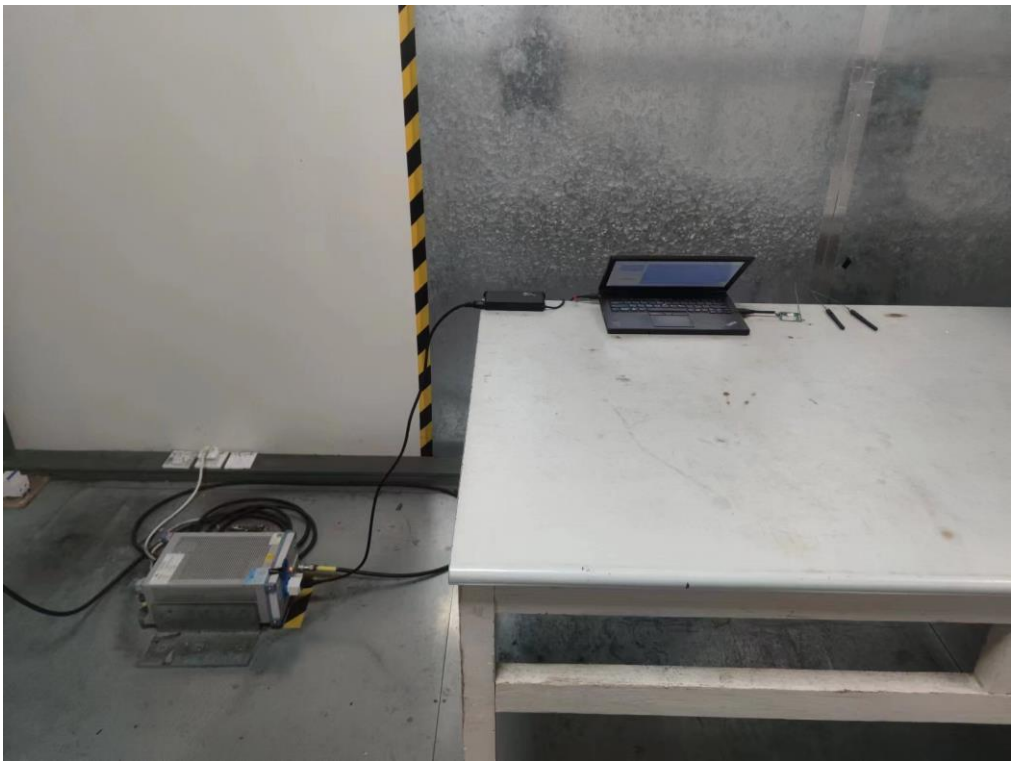
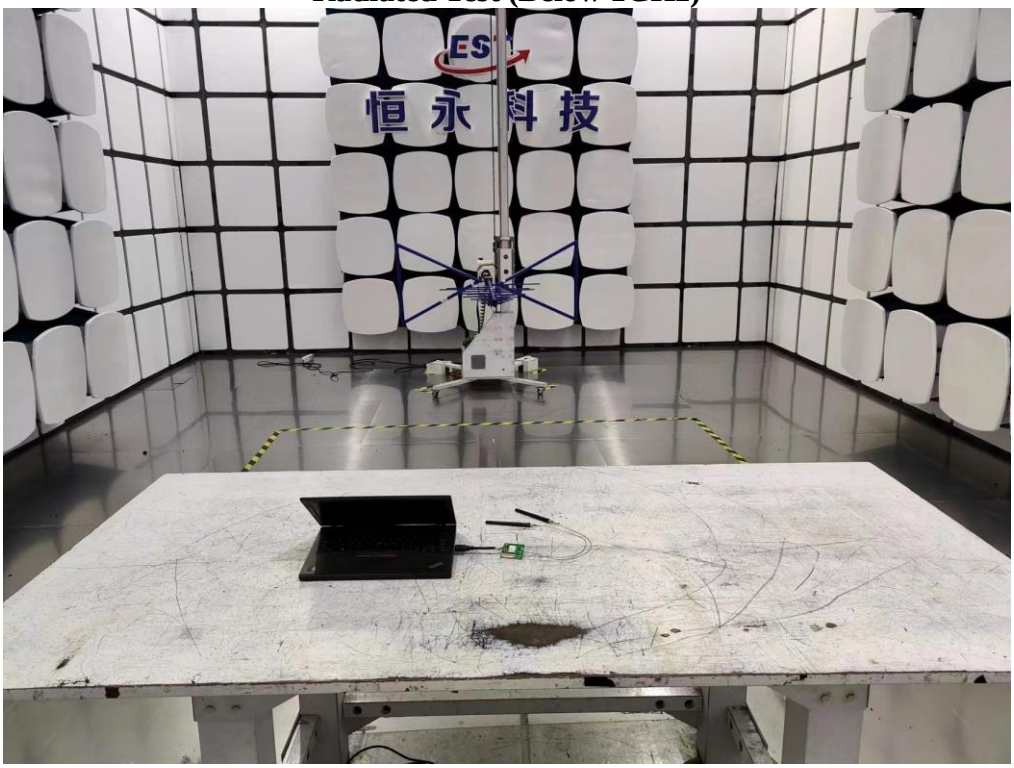


14. TEST SETUP PHOTO

Conducted Test



Radiated Test (Below 1GHz)

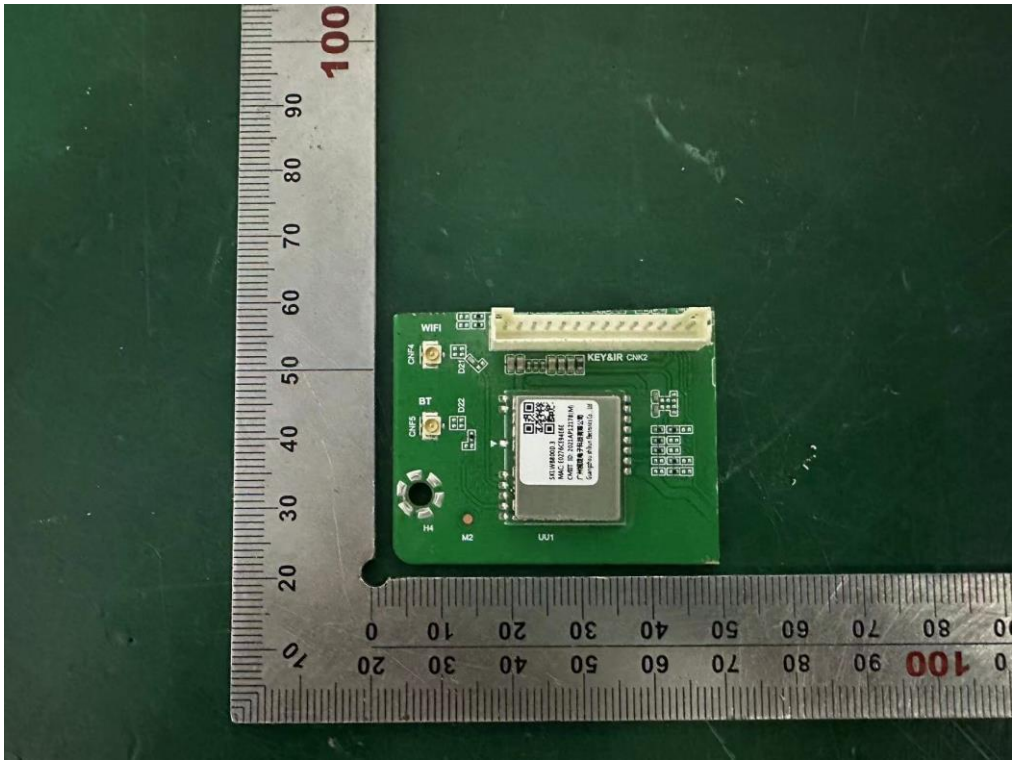


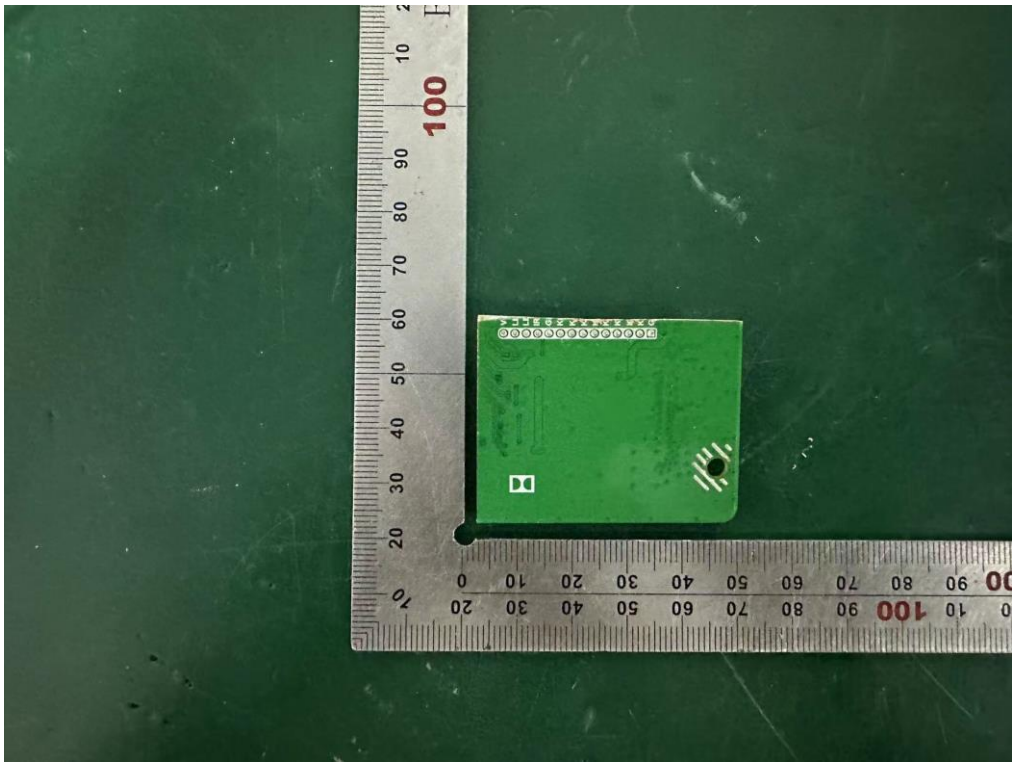
Radiated Test (Above 1GHz)

15. EUT PHOTO

External Photos

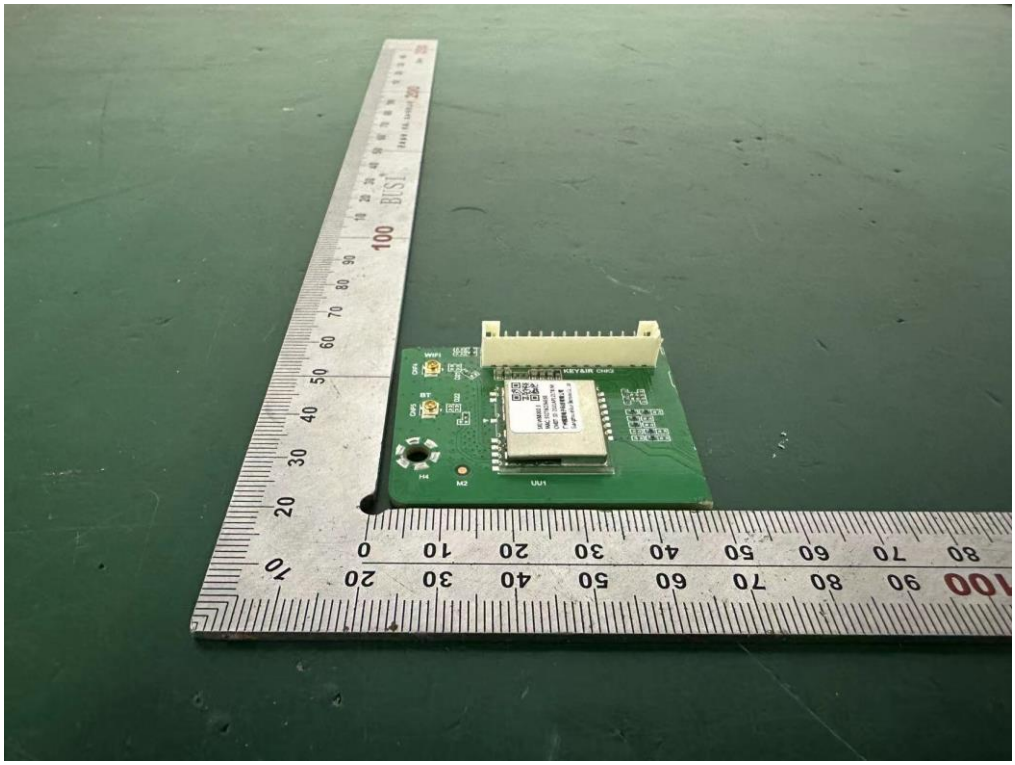
M/N: WB800D

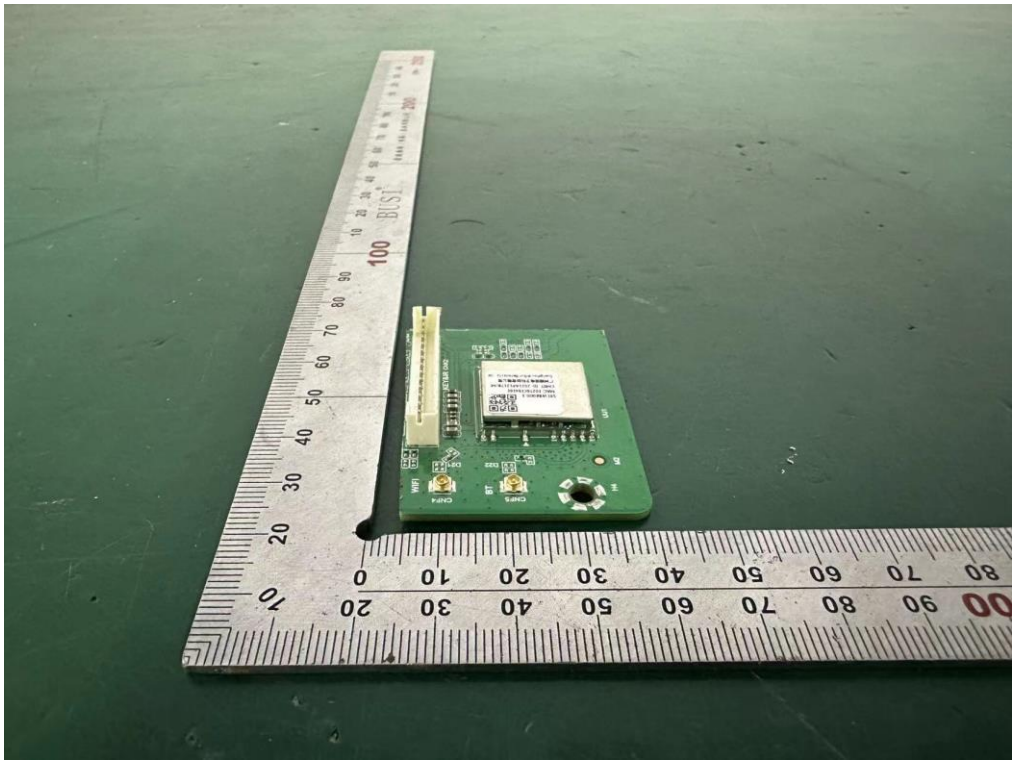




External Photos

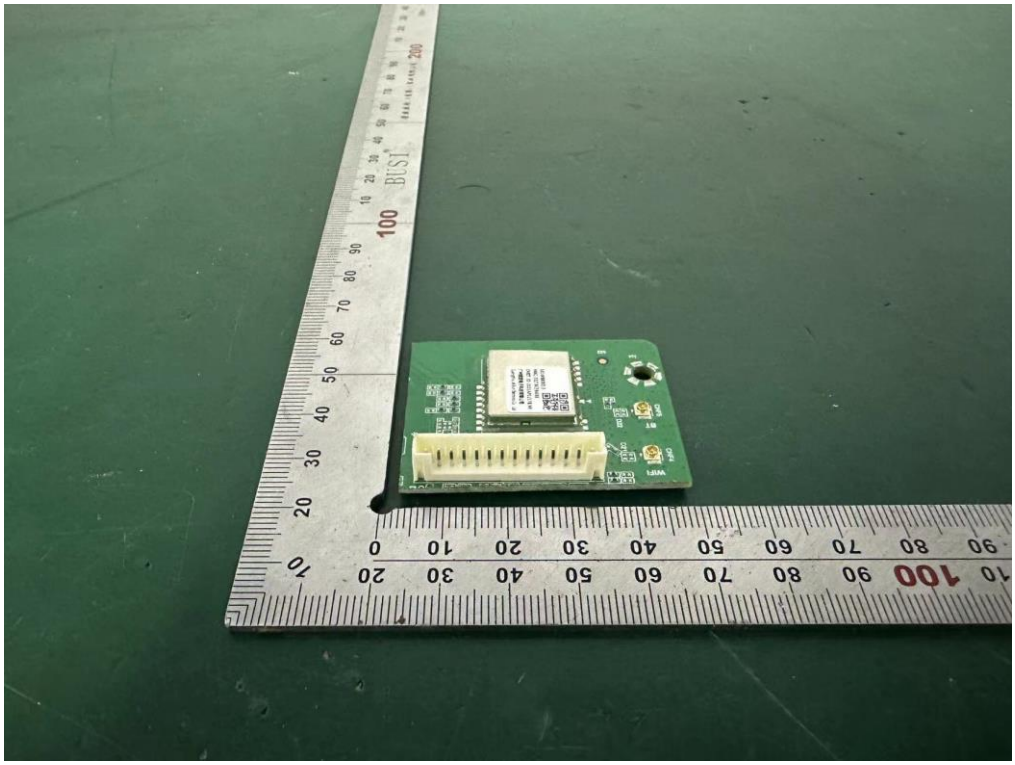
M/N: WB800D

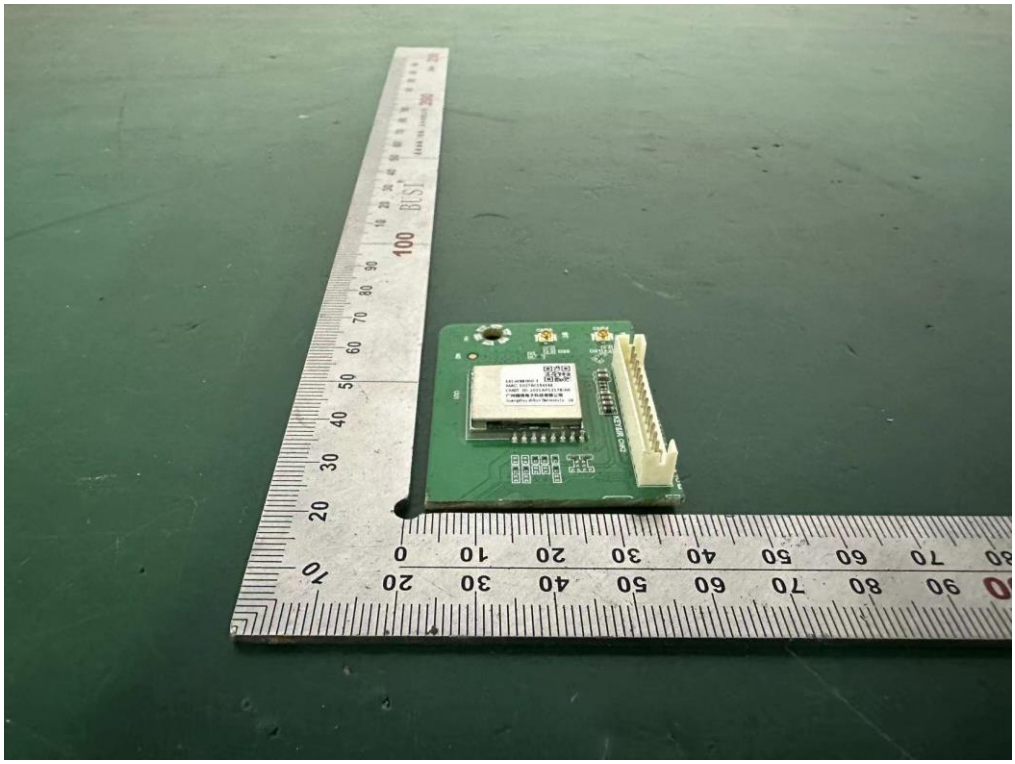




External Photos

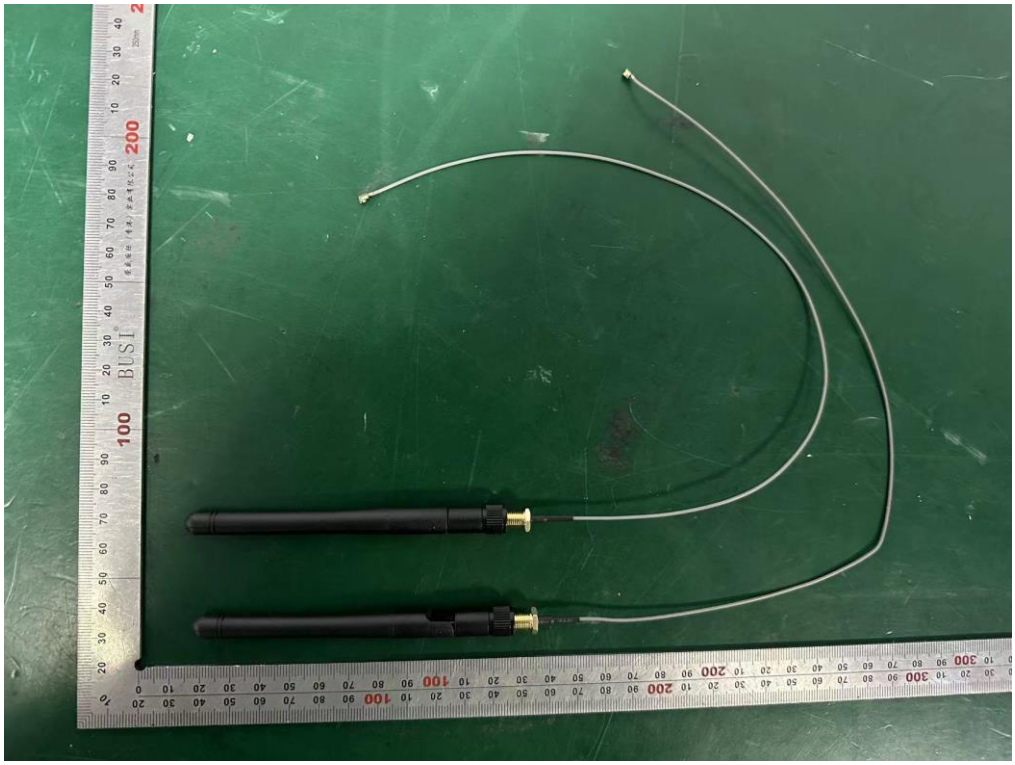
M/N: WB800D





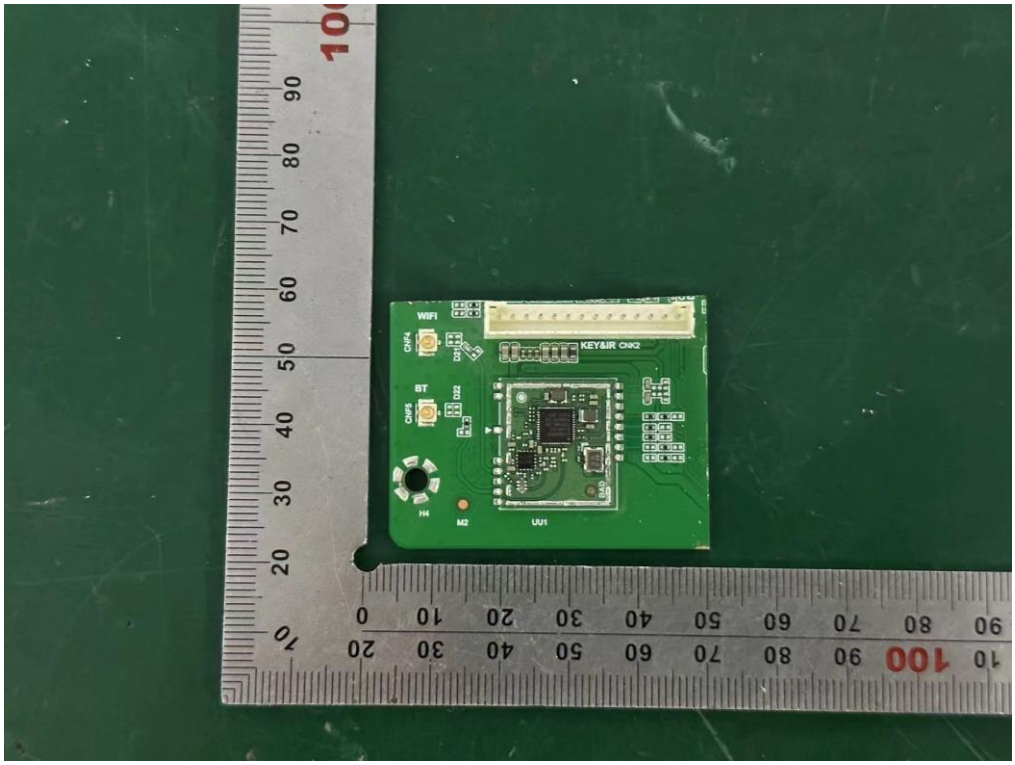
External Photos

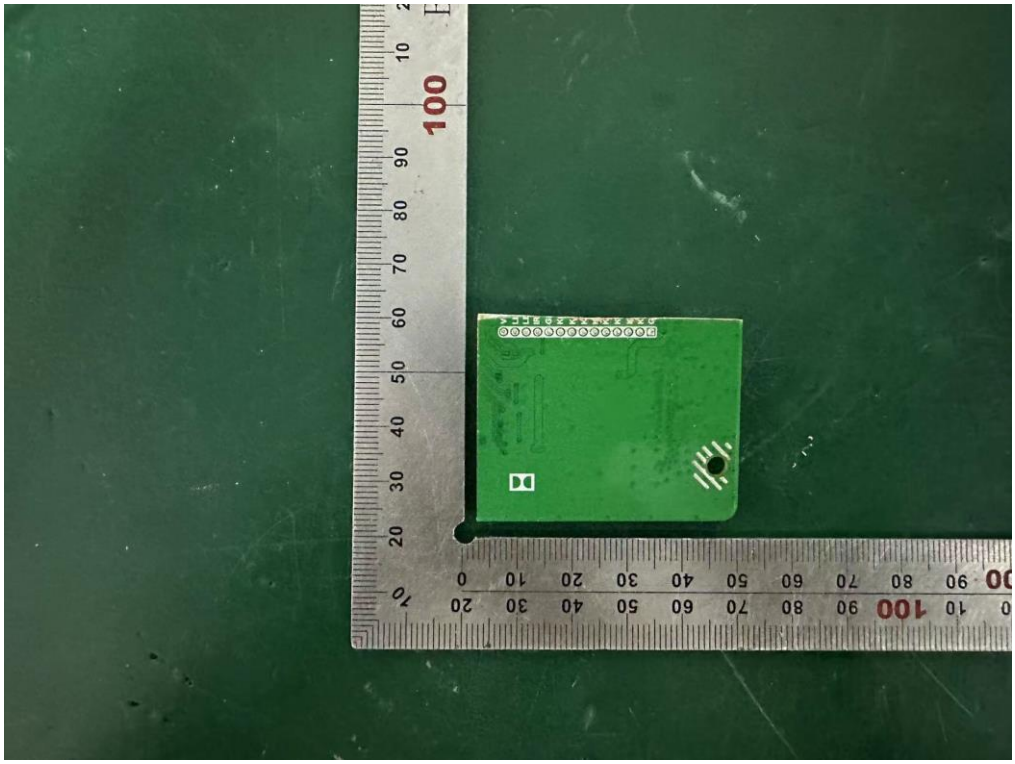
M/N: WB800D



Internal Photos

M/N: WB800D





End of Test Report