

AppendixA: 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	2401.508	2402.450	---	---
DH5	Ant1	2441	0.945	2440.502	2441.447	---	---
DH5	Ant1	2480	0.936	2479.508	2480.444	---	---
2DH5	Ant1	2402	1.326	2401.301	2402.627	---	---
2DH5	Ant1	2441	1.350	2440.292	2441.642	---	---
2DH5	Ant1	2480	1.341	2479.292	2480.633	---	---
3DH5	Ant1	2402	1.305	2401.313	2402.618	---	---
3DH5	Ant1	2441	1.317	2440.310	2441.627	---	---
3DH5	Ant1	2480	1.296	2479.313	2480.609	---	---

Test Graphs





2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480



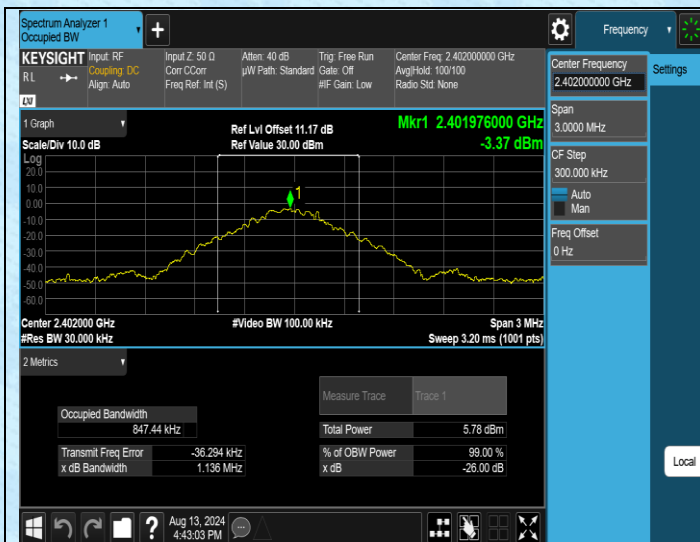
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AppendixB: Occupied Channel Bandwidth

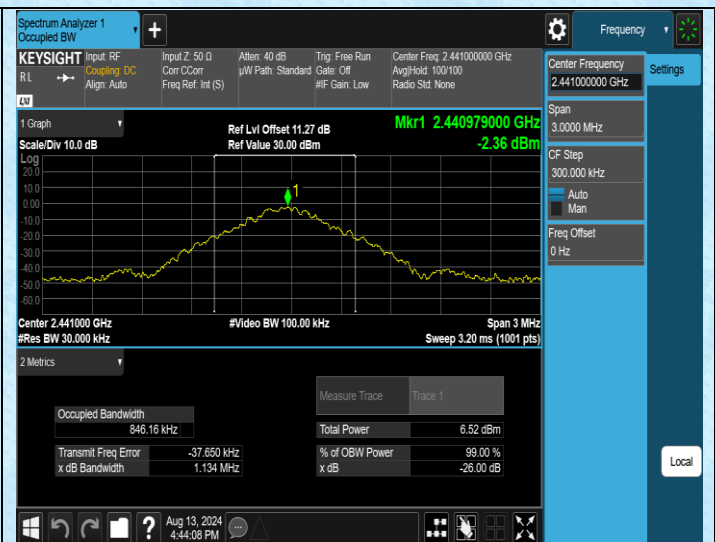
Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.84744	2401.5400	2402.3874	---	---
DH5	Ant1	2441	0.84616	2440.5393	2441.3854	---	---
DH5	Ant1	2480	0.83618	2479.5438	2480.3799	---	---
2DH5	Ant1	2402	1.1935	2401.3677	2402.5612	---	---
2DH5	Ant1	2441	1.1878	2440.3698	2441.5576	---	---
2DH5	Ant1	2480	1.1835	2479.3723	2480.5558	---	---
3DH5	Ant1	2402	1.1894	2401.3710	2402.5604	---	---
3DH5	Ant1	2441	1.1862	2440.3742	2441.5604	---	---
3DH5	Ant1	2480	1.1862	2479.3732	2480.5594	---	---

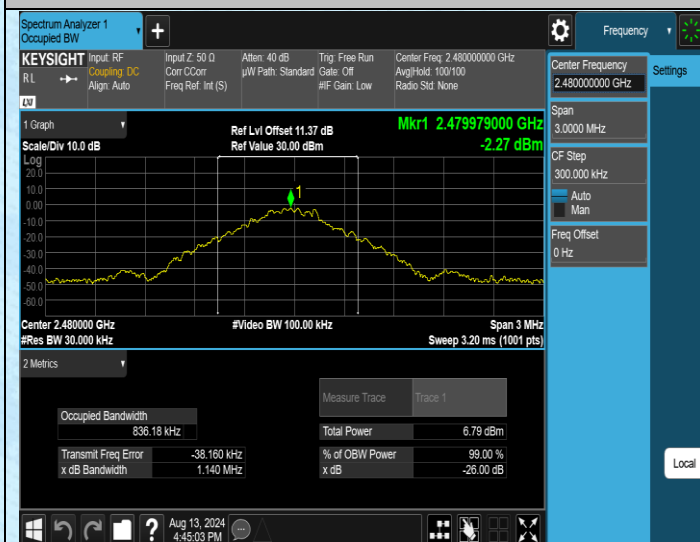
Test Graphs



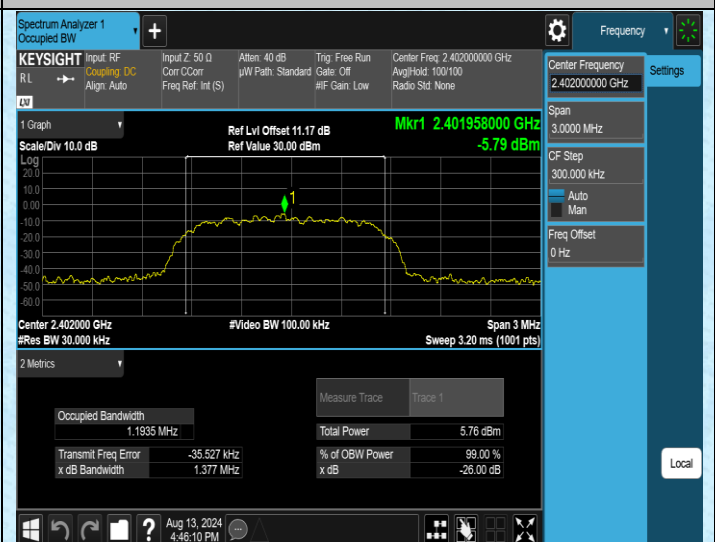
DH5-Ant1-2402



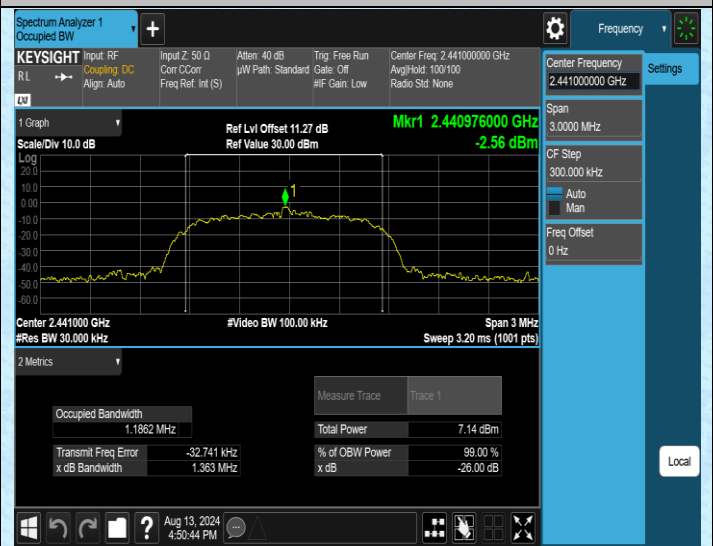
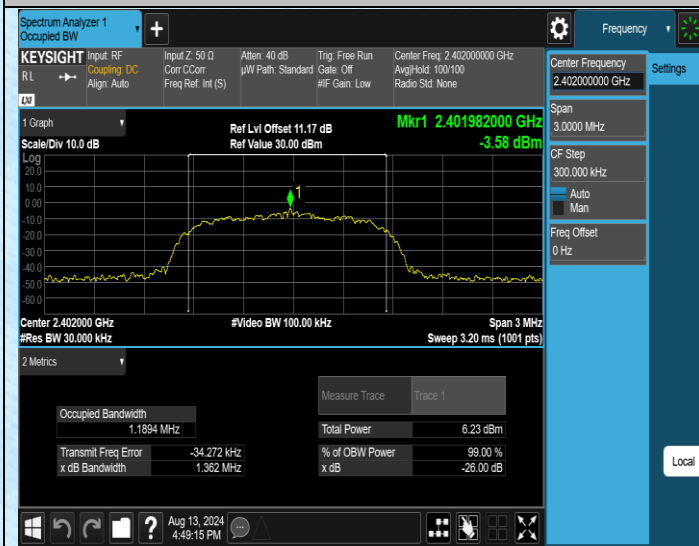
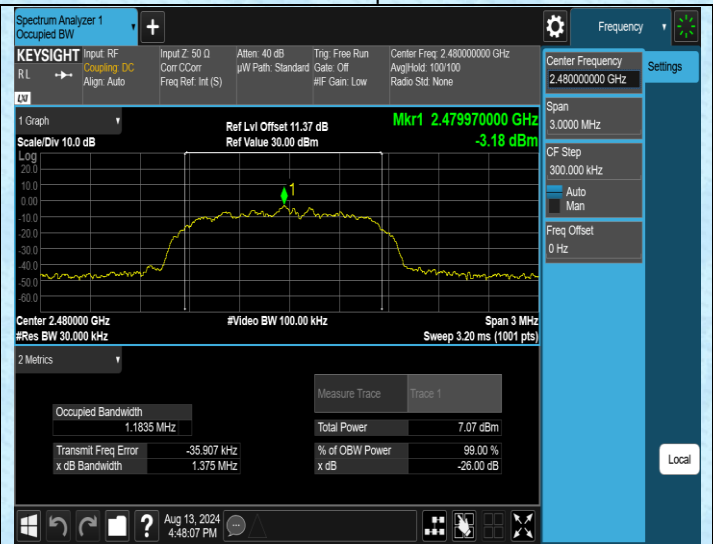
DH5-Ant1-2441



DH5-Ant1-2480



2DH5-Ant1-2402

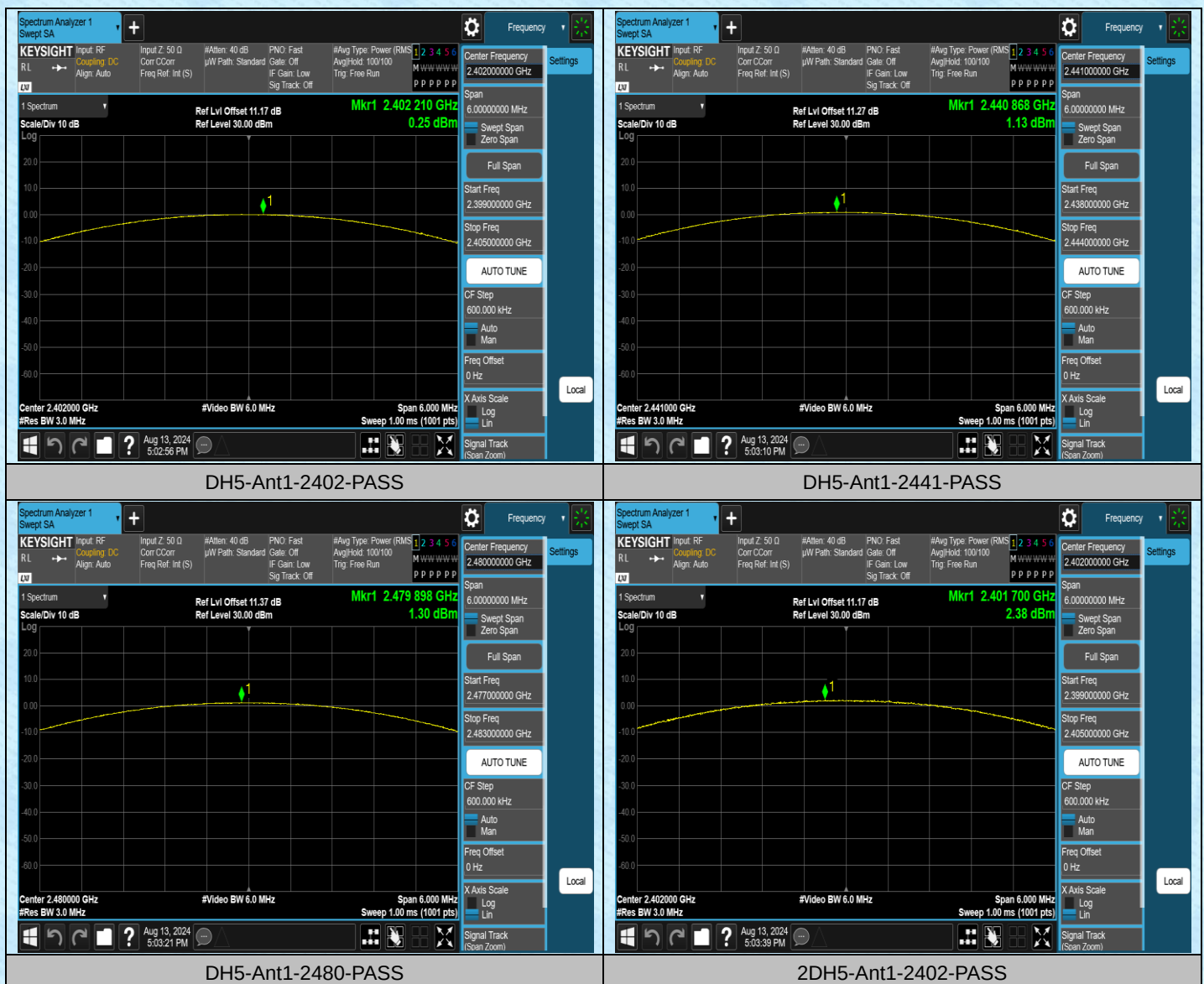


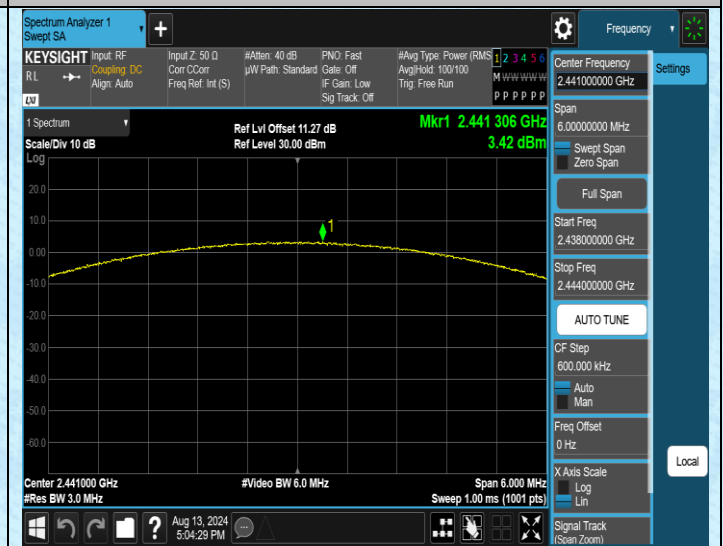
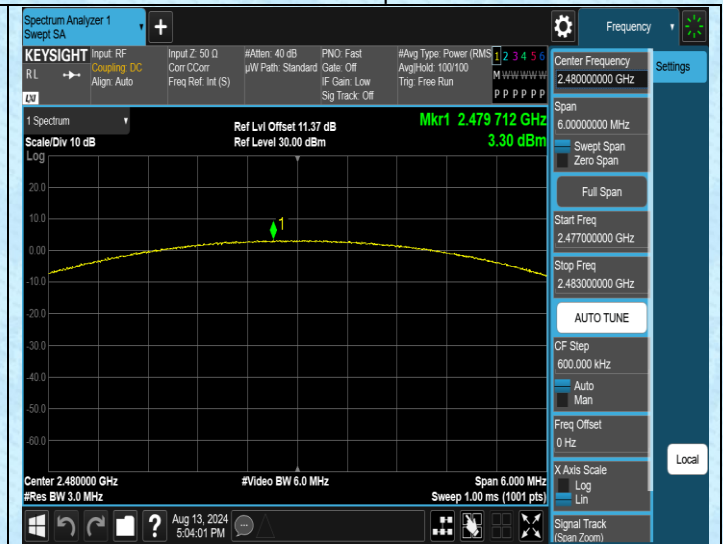
AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.26	≤30	PASS
DH5	Ant1	2441	1.13	≤30	PASS
DH5	Ant1	2480	1.3	≤30	PASS
2DH5	Ant1	2402	2.38	≤20.97	PASS
2DH5	Ant1	2441	3.12	≤20.97	PASS
2DH5	Ant1	2480	3.3	≤20.97	PASS
3DH5	Ant1	2402	2.61	≤20.97	PASS
3DH5	Ant1	2441	3.42	≤20.97	PASS
3DH5	Ant1	2480	3.6	≤20.97	PASS

Test Graphs



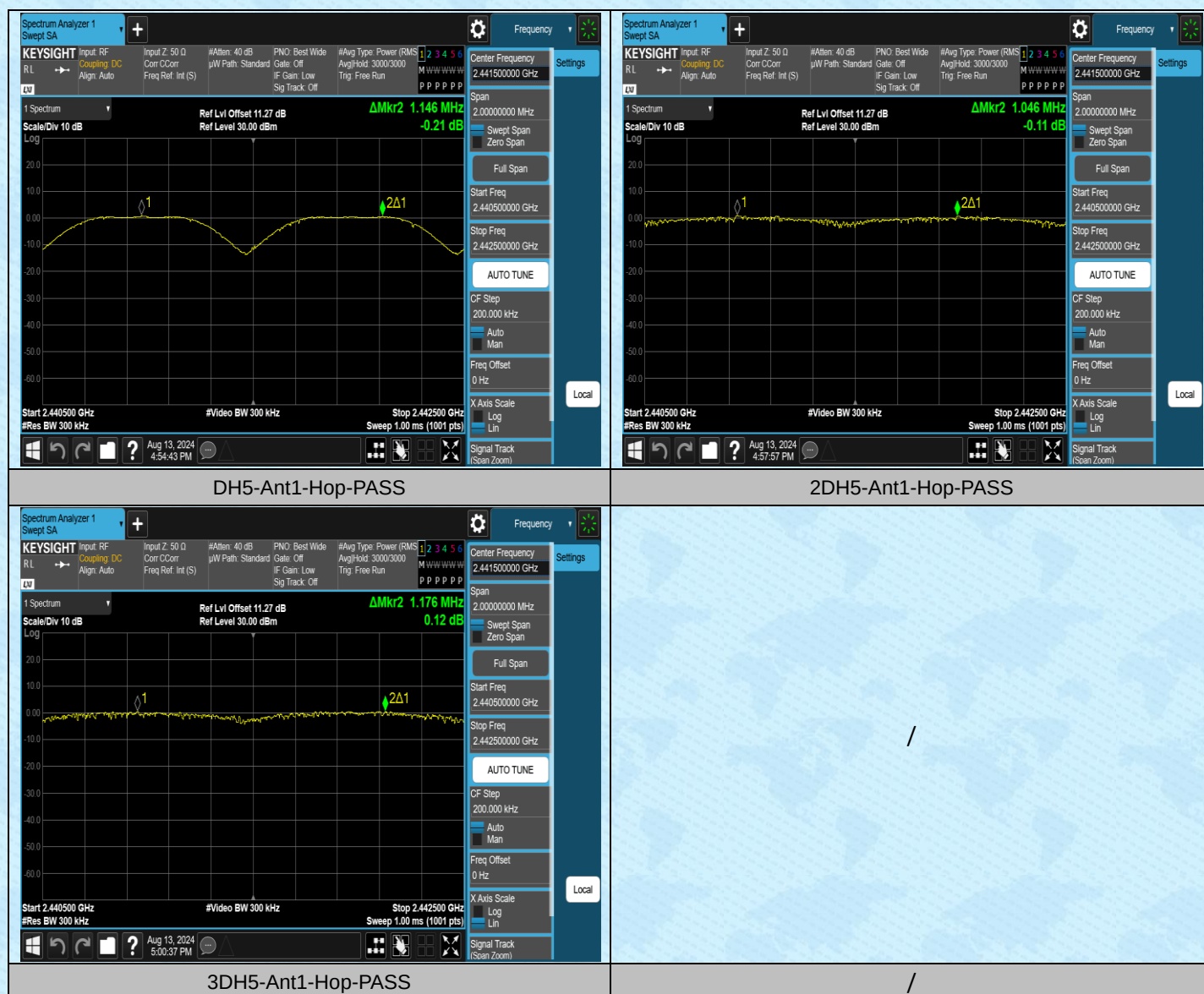


AppendixD: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.146	≥0.945	PASS
2DH5	Ant1	Hop	1.046	≥0.900	PASS
3DH5	Ant1	Hop	1.176	≥0.878	PASS

Test Graphs



AppendixE: Time of occupancy

Test Result

Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.376	320	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.633	160	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.880	106.67	0.307	≤0.4	PASS
2DH1	Ant1	Hop	0.388	320	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.639	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.887	106.67	0.308	≤0.4	PASS
3DH1	Ant1	Hop	0.388	320	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.639	160	0.262	≤0.4	PASS
3DH5	Ant1	Hop	2.889	106.67	0.308	≤0.4	PASS

Note:

DH5/2DH5/3DH5:TotalHops=1600/79/6*0.4*79

DH5/2DH5/3DH5: Time of occupancy= TotalHops * (BurstWidth) /1000

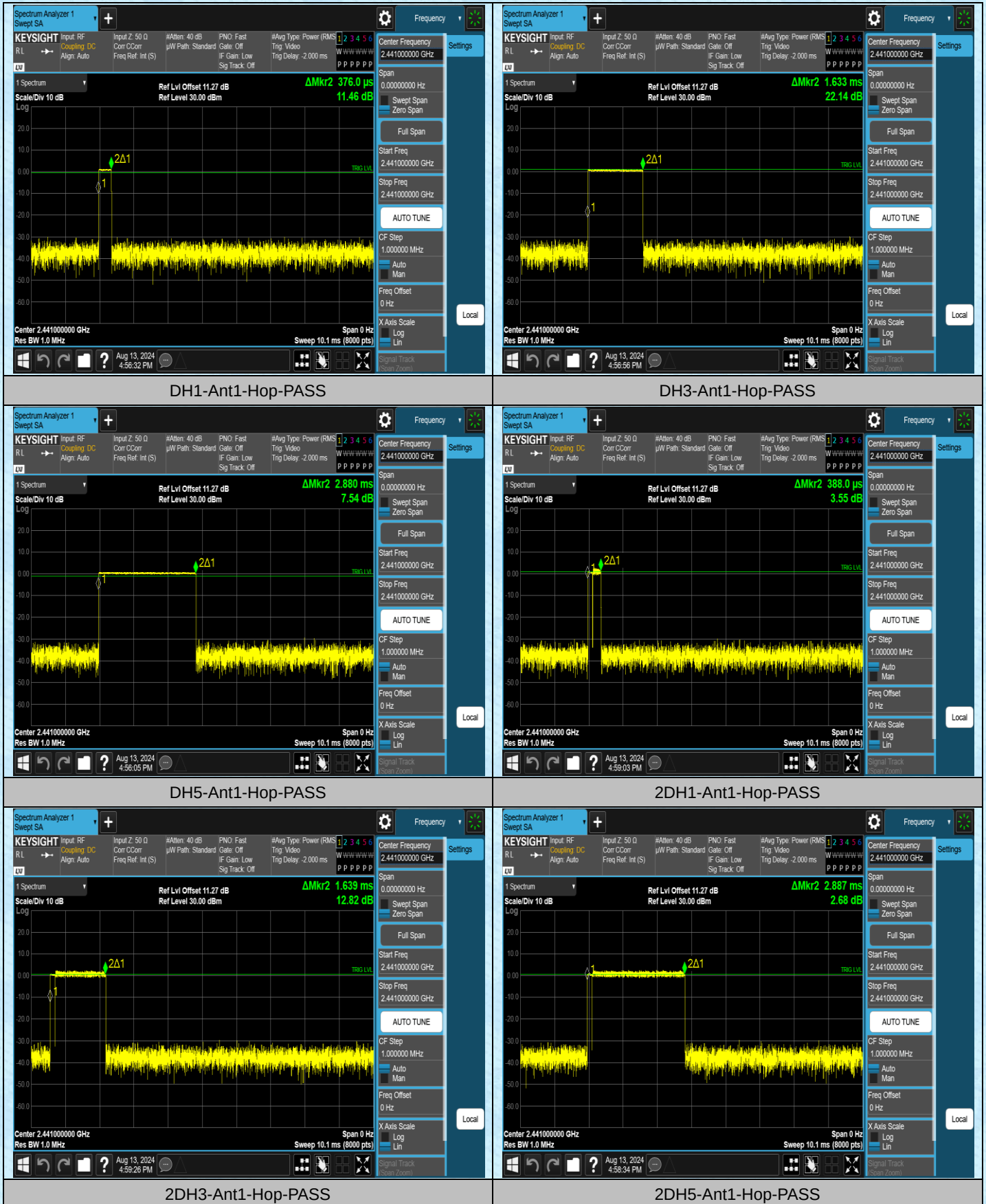
DH3/2DH3/3DH3:TotalHops=1600/79/4*0.4*79

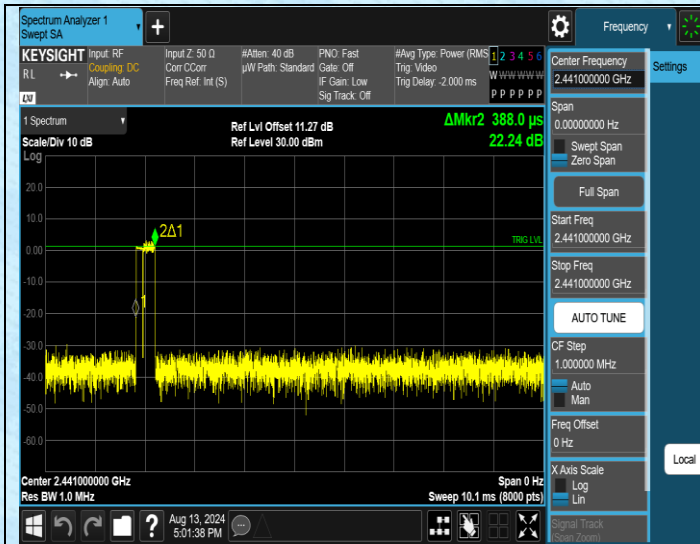
DH3/2DH3/3DH3: Time of occupancy= TotalHops * (BurstWidth) /1000

DH1/2DH1/3DH1:TotalHops=1600/79/2*0.4*79

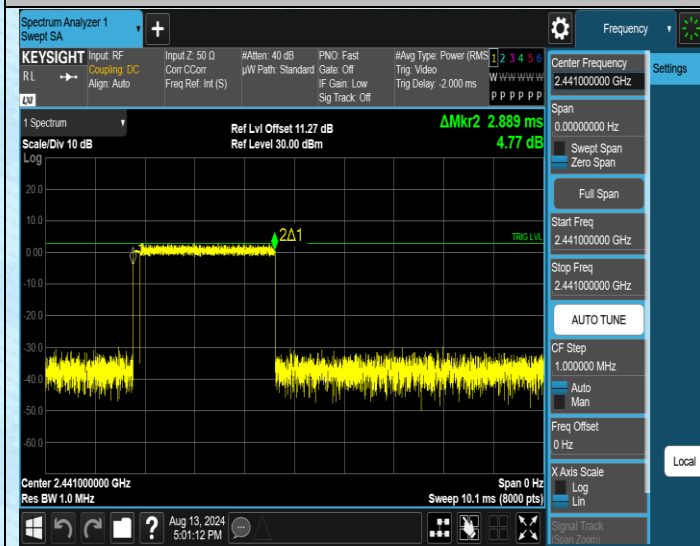
DH1/2DH1/3DH1: Time of occupancy= TotalHops * (BurstWidth) /1000

Test Graphs

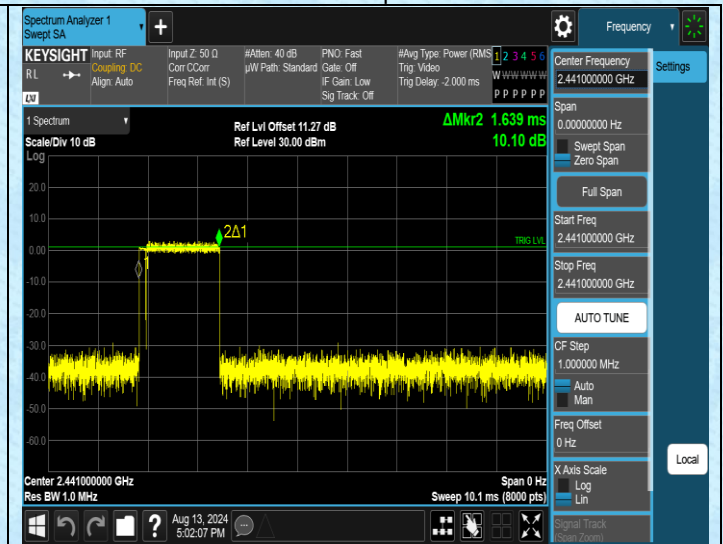




3DH1-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



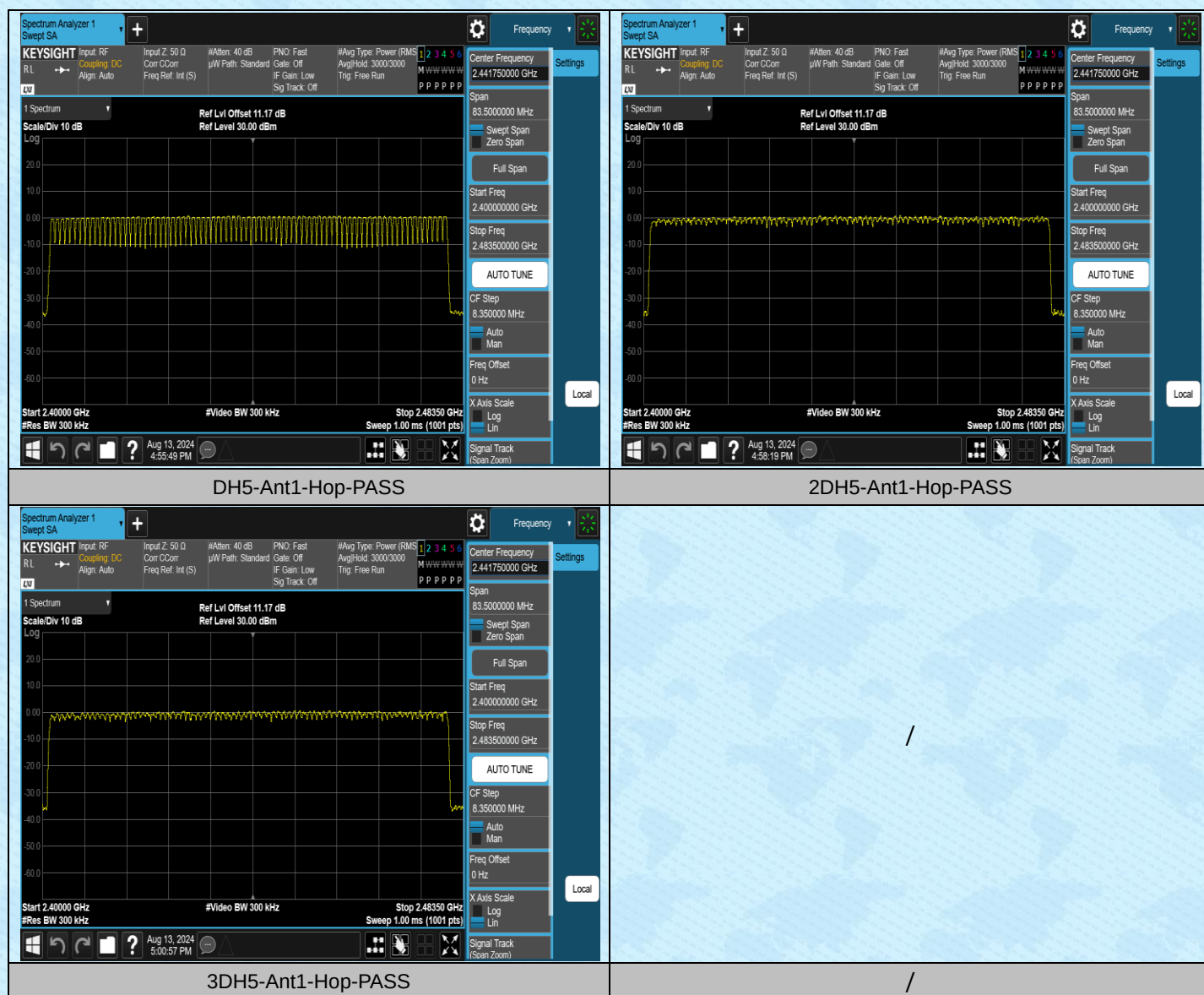
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AppendixF: Number of hopping channels

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

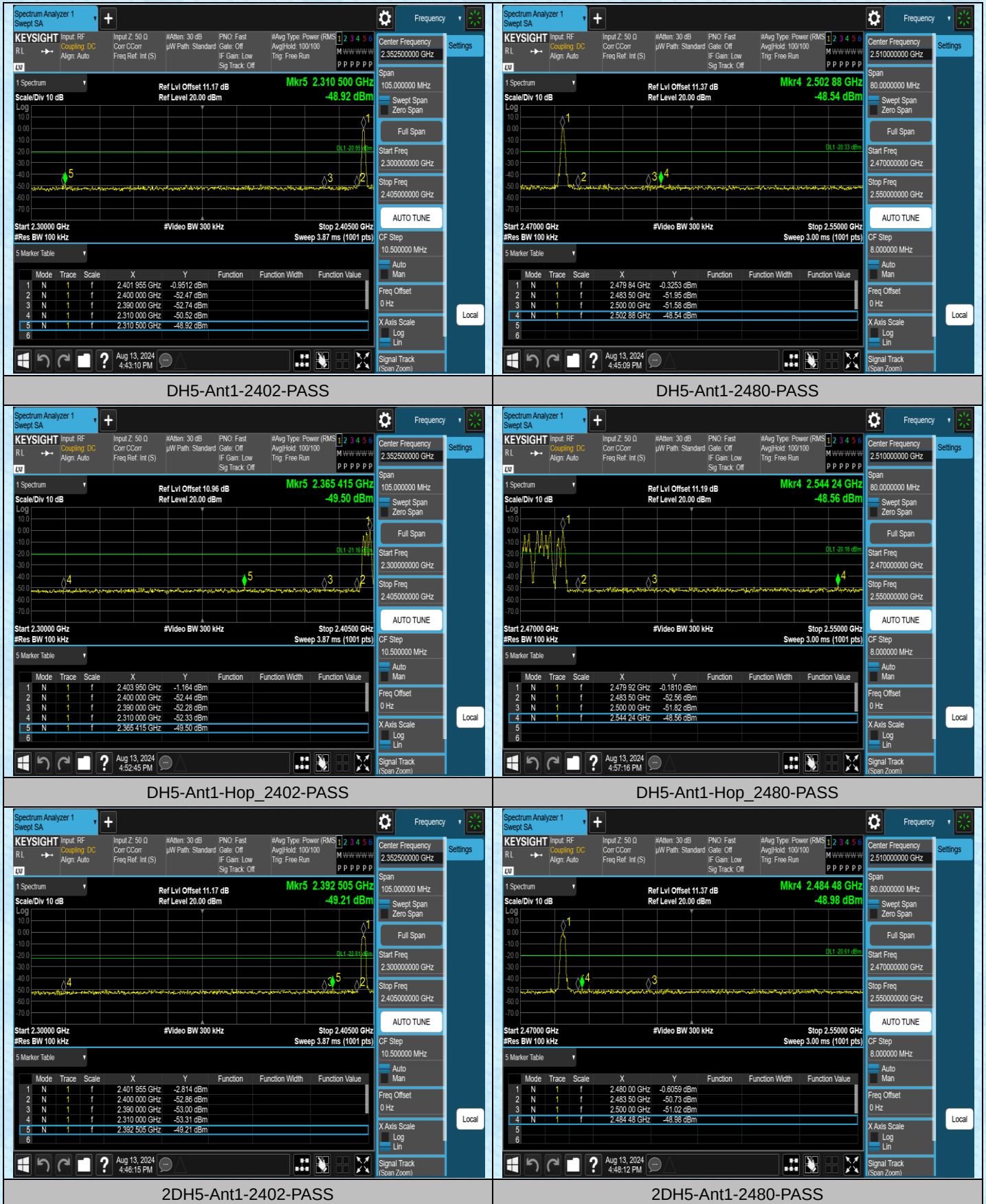


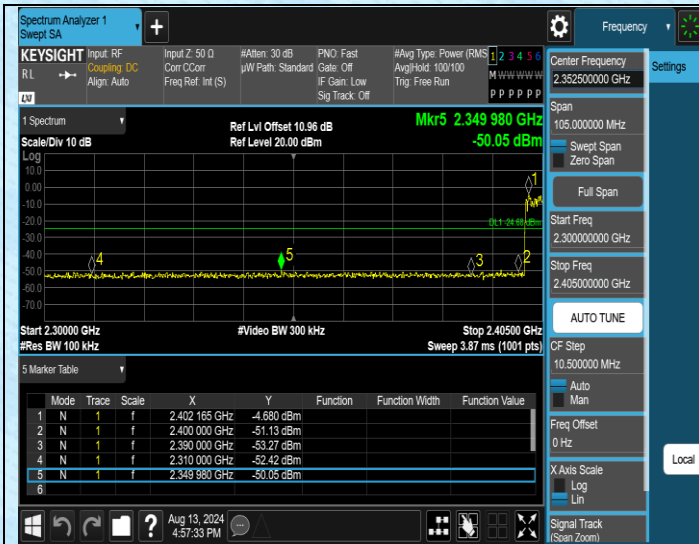
AppendixG:Band edge measurements

Test Result

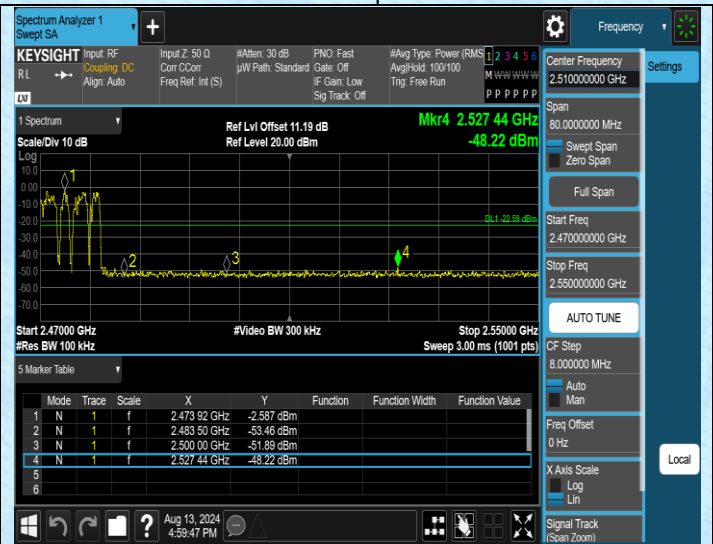
Test Mode	Antenna	Channel	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.95	-48.92	≤ -20.95	PASS
DH5	Ant1	High	2480	-0.33	-48.54	≤ -20.33	PASS
DH5	Ant1	Low	Hop_2402	-1.16	-49.5	≤ -21.16	PASS
DH5	Ant1	High	Hop_2480	-0.18	-48.56	≤ -20.18	PASS
2DH5	Ant1	Low	2402	-2.81	-49.21	≤ -22.81	PASS
2DH5	Ant1	High	2480	-0.61	-48.98	≤ -20.61	PASS
2DH5	Ant1	Low	Hop_2402	-4.68	-50.05	≤ -24.68	PASS
2DH5	Ant1	High	Hop_2480	-2.59	-48.22	≤ -22.59	PASS
3DH5	Ant1	Low	2402	-0.45	-49.33	≤ -20.45	PASS
3DH5	Ant1	High	2480	-0.34	-48.94	≤ -20.34	PASS
3DH5	Ant1	Low	Hop_2402	-1.32	-49.44	≤ -21.32	PASS
3DH5	Ant1	High	Hop_2480	-2.39	-48.9	≤ -22.39	PASS

Test Graphs

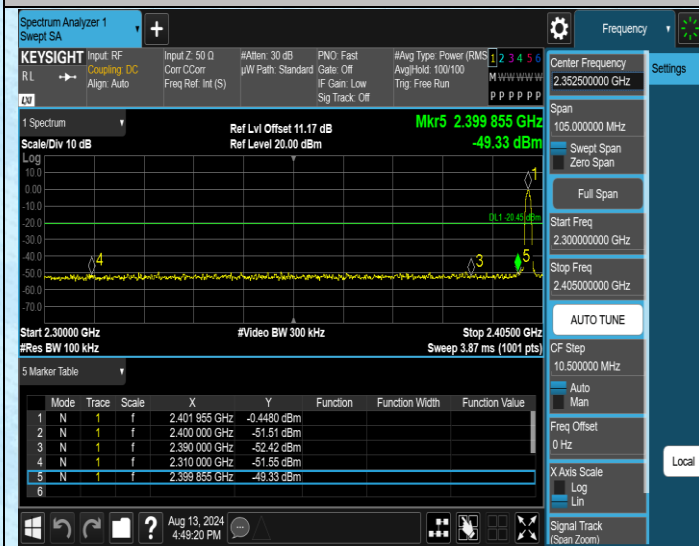




2DH5-Ant1-Hop_2402-PASS



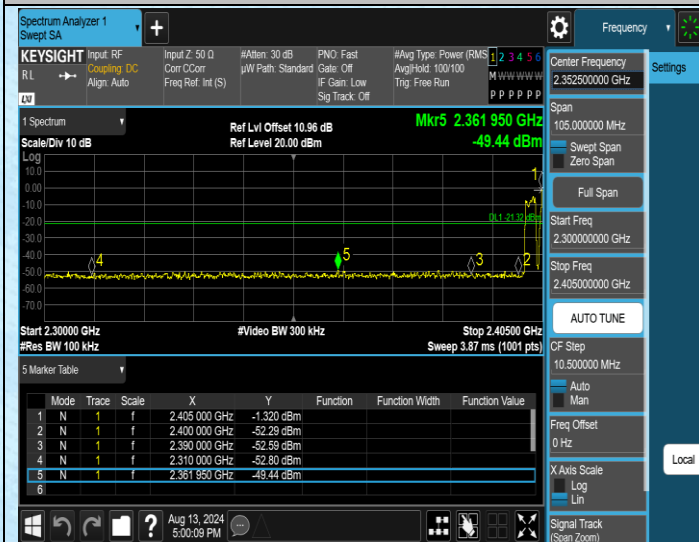
2DH5-Ant1-Hop_2480-PASS



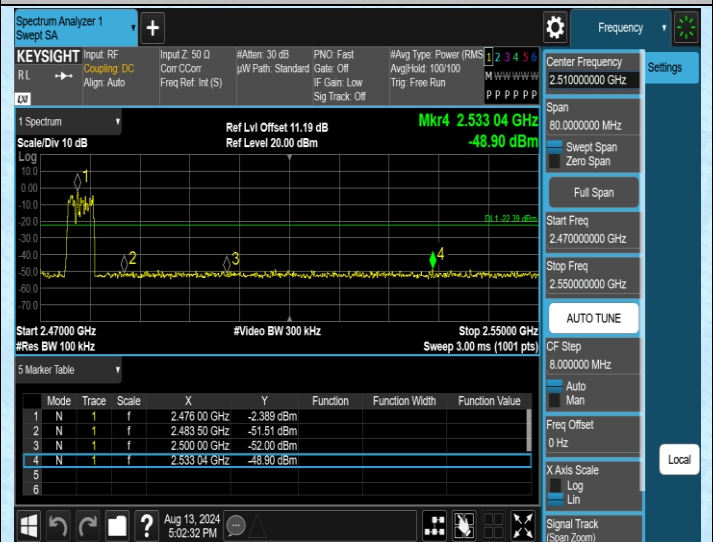
3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS

AppendixH:Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.85	-0.85	---	PASS
DH5	Ant1	2402	30~1000	-0.85	-43.94	≤-20.85	PASS
DH5	Ant1	2402	1000~26500	-0.85	-42.56	≤-20.85	PASS
DH5	Ant1	2441	0~Reference	-0.07	-0.07	---	PASS
DH5	Ant1	2441	30~1000	-0.07	-43.63	≤-20.07	PASS
DH5	Ant1	2441	1000~26500	-0.07	-43.19	≤-20.07	PASS
DH5	Ant1	2480	0~Reference	0.04	0.04	---	PASS
DH5	Ant1	2480	30~1000	0.04	-42.69	≤-19.96	PASS
DH5	Ant1	2480	1000~26500	0.04	-43.35	≤-19.96	PASS
2DH5	Ant1	2402	0~Reference	-0.73	-0.73	---	PASS
2DH5	Ant1	2402	30~1000	-0.73	-44.87	≤-20.73	PASS
2DH5	Ant1	2402	1000~26500	-0.73	-42.69	≤-20.73	PASS
2DH5	Ant1	2441	0~Reference	0.58	0.58	---	PASS
2DH5	Ant1	2441	30~1000	0.58	-46.08	≤-19.42	PASS
2DH5	Ant1	2441	1000~26500	0.58	-43.37	≤-19.42	PASS
2DH5	Ant1	2480	0~Reference	-0.32	-0.32	---	PASS
2DH5	Ant1	2480	30~1000	-0.32	-44.84	≤-20.32	PASS
2DH5	Ant1	2480	1000~26500	-0.32	-42.26	≤-20.32	PASS
3DH5	Ant1	2402	0~Reference	-1.10	-1.10	---	PASS
3DH5	Ant1	2402	30~1000	-1.10	-46.5	≤-21.1	PASS
3DH5	Ant1	2402	1000~26500	-1.10	-42.66	≤-21.1	PASS
3DH5	Ant1	2441	0~Reference	0.36	0.36	---	PASS
3DH5	Ant1	2441	30~1000	0.36	-45.03	≤-19.64	PASS
3DH5	Ant1	2441	1000~26500	0.36	-42.9	≤-19.64	PASS
3DH5	Ant1	2480	0~Reference	0.26	0.26	---	PASS
3DH5	Ant1	2480	30~1000	0.26	-46.68	≤-19.74	PASS
3DH5	Ant1	2480	1000~26500	0.26	-43.25	≤-19.74	PASS