

AppendixA: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.939	2401.568	2402.507	---	---
DH5	Ant1	2441	0.942	2440.568	2441.510	---	---
DH5	Ant1	2480	0.939	2479.571	2480.510	---	---
2DH5	Ant1	2402	1.329	2401.367	2402.696	---	---
2DH5	Ant1	2441	1.293	2440.400	2441.693	---	---
2DH5	Ant1	2480	1.344	2479.361	2480.705	---	---
3DH5	Ant1	2402	1.305	2401.382	2402.687	---	---
3DH5	Ant1	2441	1.296	2440.382	2441.678	---	---
3DH5	Ant1	2480	1.281	2479.397	2480.678	---	---

Test Graphs



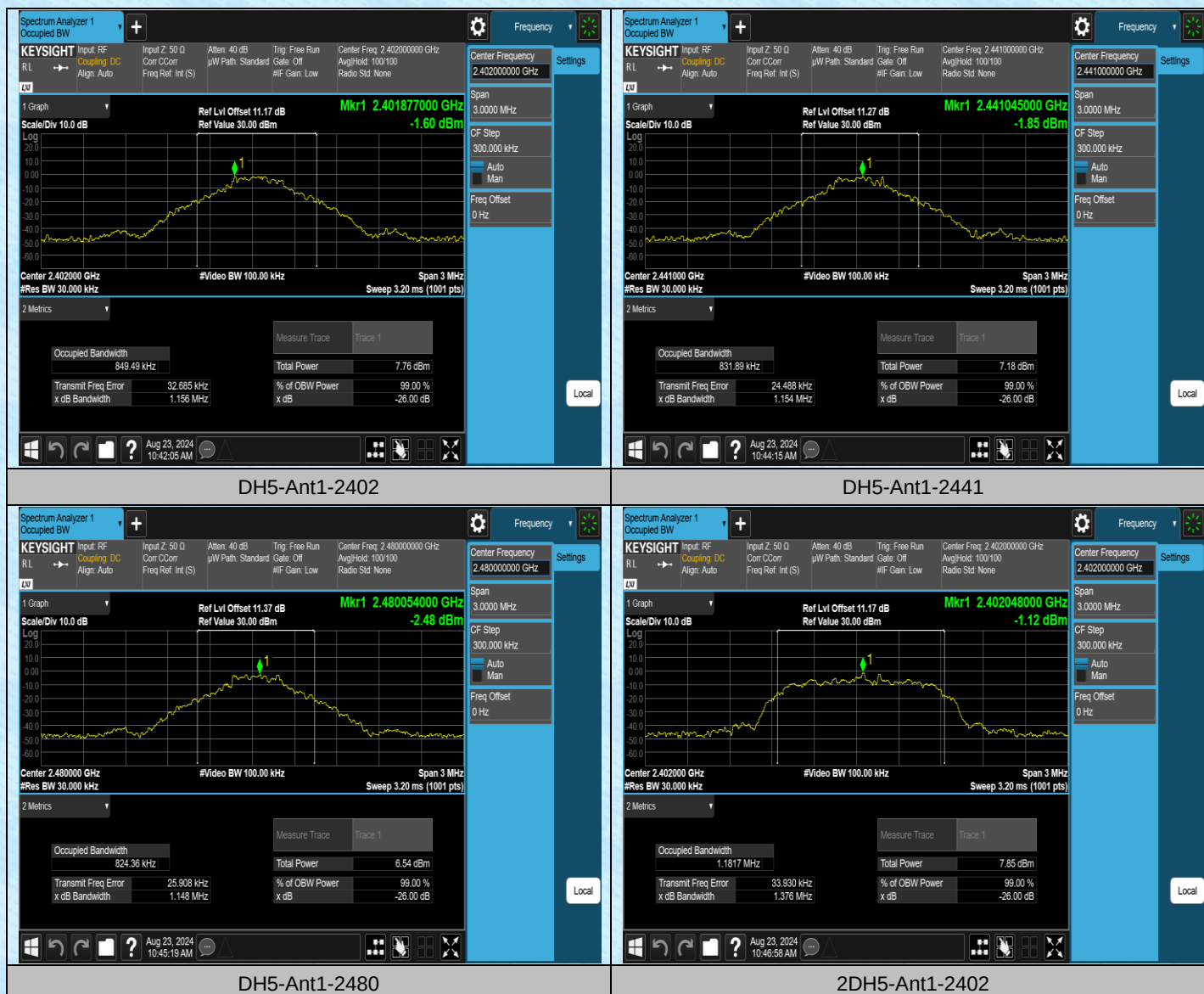


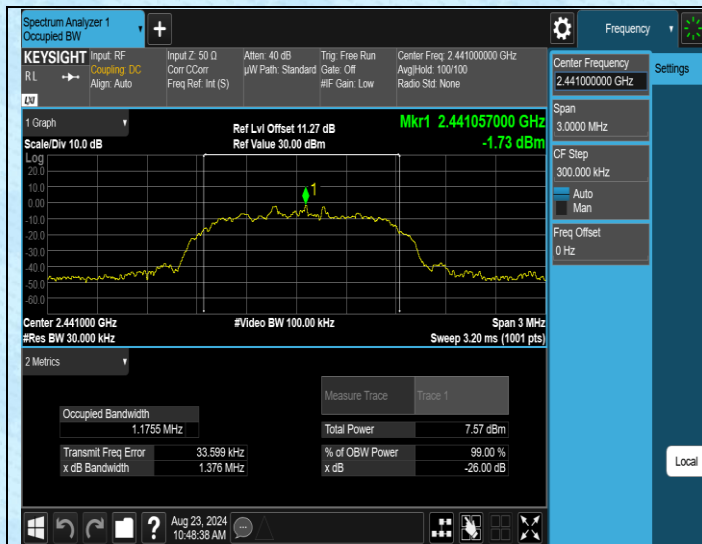
AppendixB: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.84949	2401.6079	2402.4574	---	---
DH5	Ant1	2441	0.83189	2440.6085	2441.4404	---	---
DH5	Ant1	2480	0.82436	2479.6137	2480.4381	---	---
2DH5	Ant1	2402	1.1817	2401.4431	2402.6248	---	---
2DH5	Ant1	2441	1.1755	2440.4459	2441.6214	---	---
2DH5	Ant1	2480	1.1915	2479.4390	2480.6305	---	---
3DH5	Ant1	2402	1.1897	2401.4429	2402.6326	---	---
3DH5	Ant1	2441	1.1733	2440.4467	2441.6200	---	---
3DH5	Ant1	2480	1.1912	2479.4400	2480.6312	---	---

Test Graphs

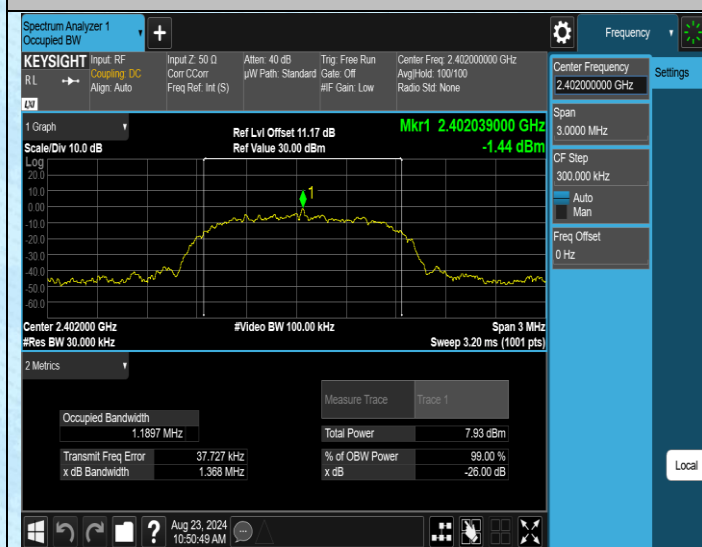




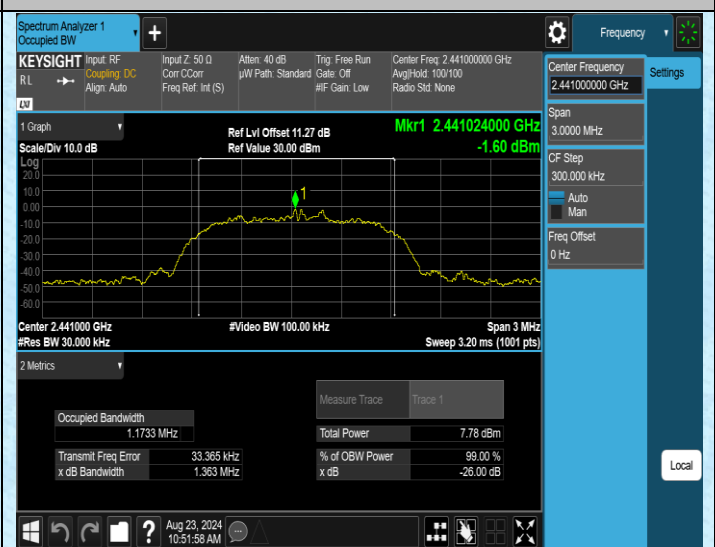
2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480



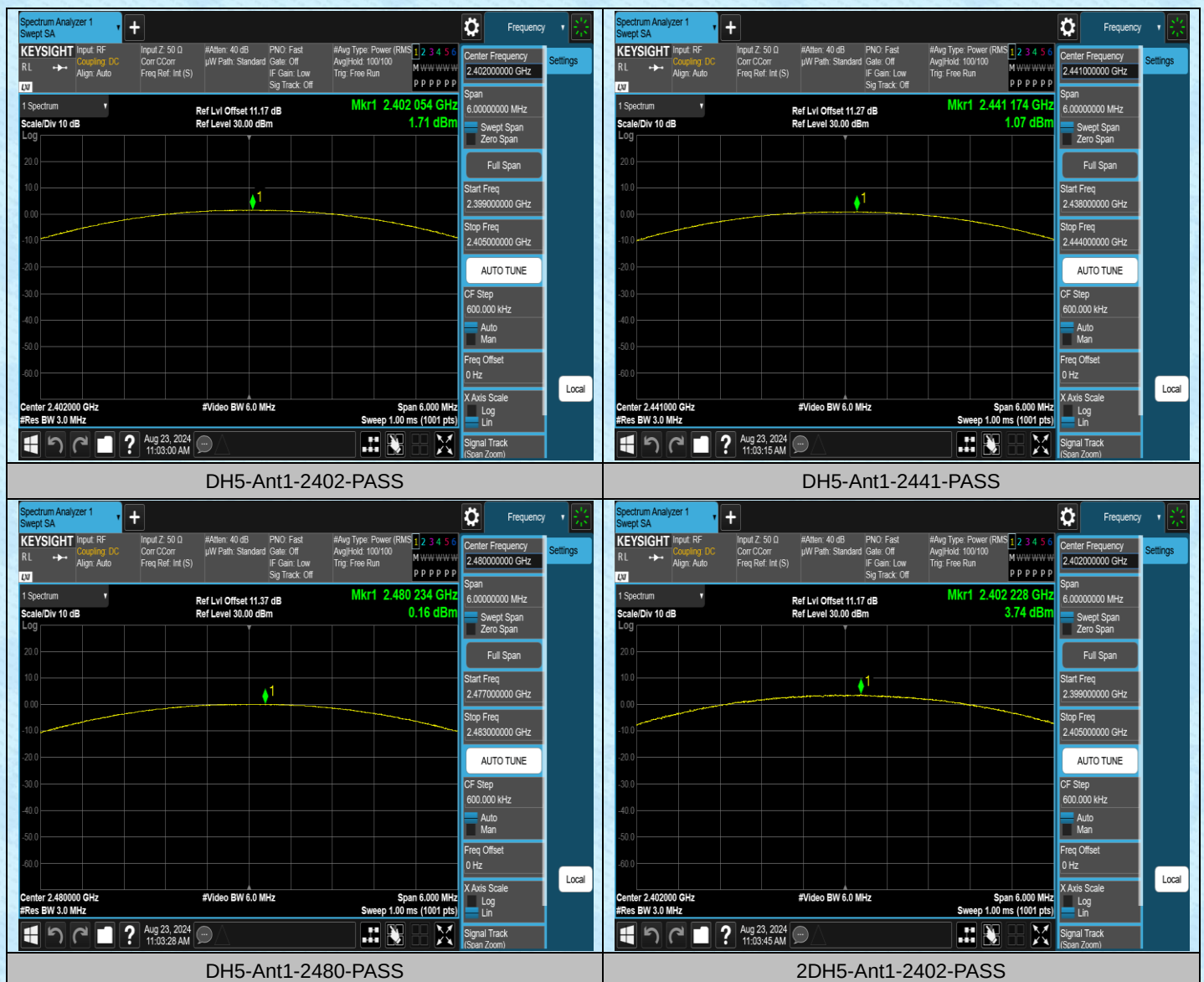
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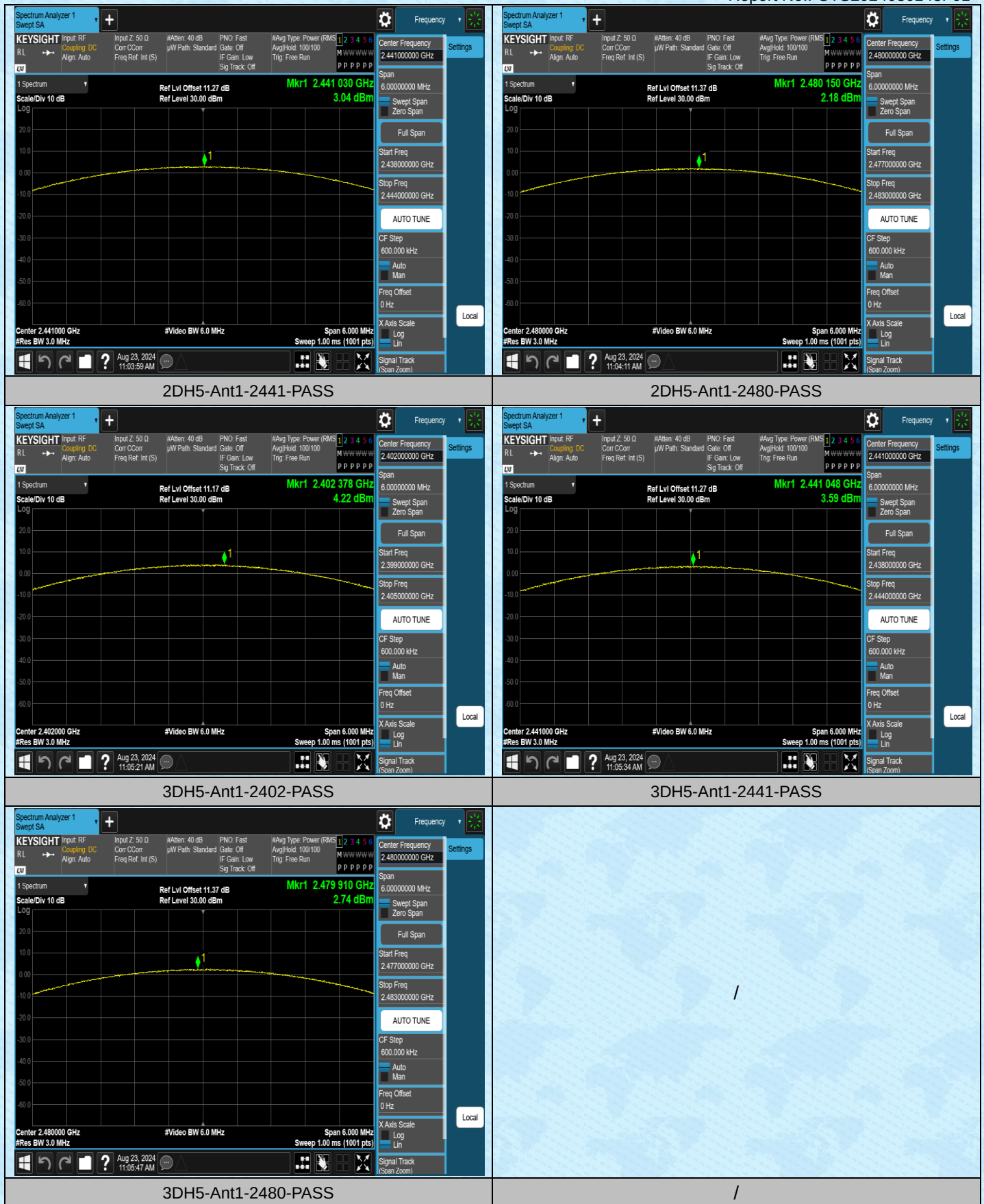
AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.71	≤30	PASS
DH5	Ant1	2441	1.07	≤30	PASS
DH5	Ant1	2480	0.17	≤30	PASS
2DH5	Ant1	2402	3.74	≤20.97	PASS
2DH5	Ant1	2441	3.04	≤20.97	PASS
2DH5	Ant1	2480	2.18	≤20.97	PASS
3DH5	Ant1	2402	4.22	≤20.97	PASS
3DH5	Ant1	2441	3.59	≤20.97	PASS
3DH5	Ant1	2480	2.74	≤20.97	PASS

Test Graphs



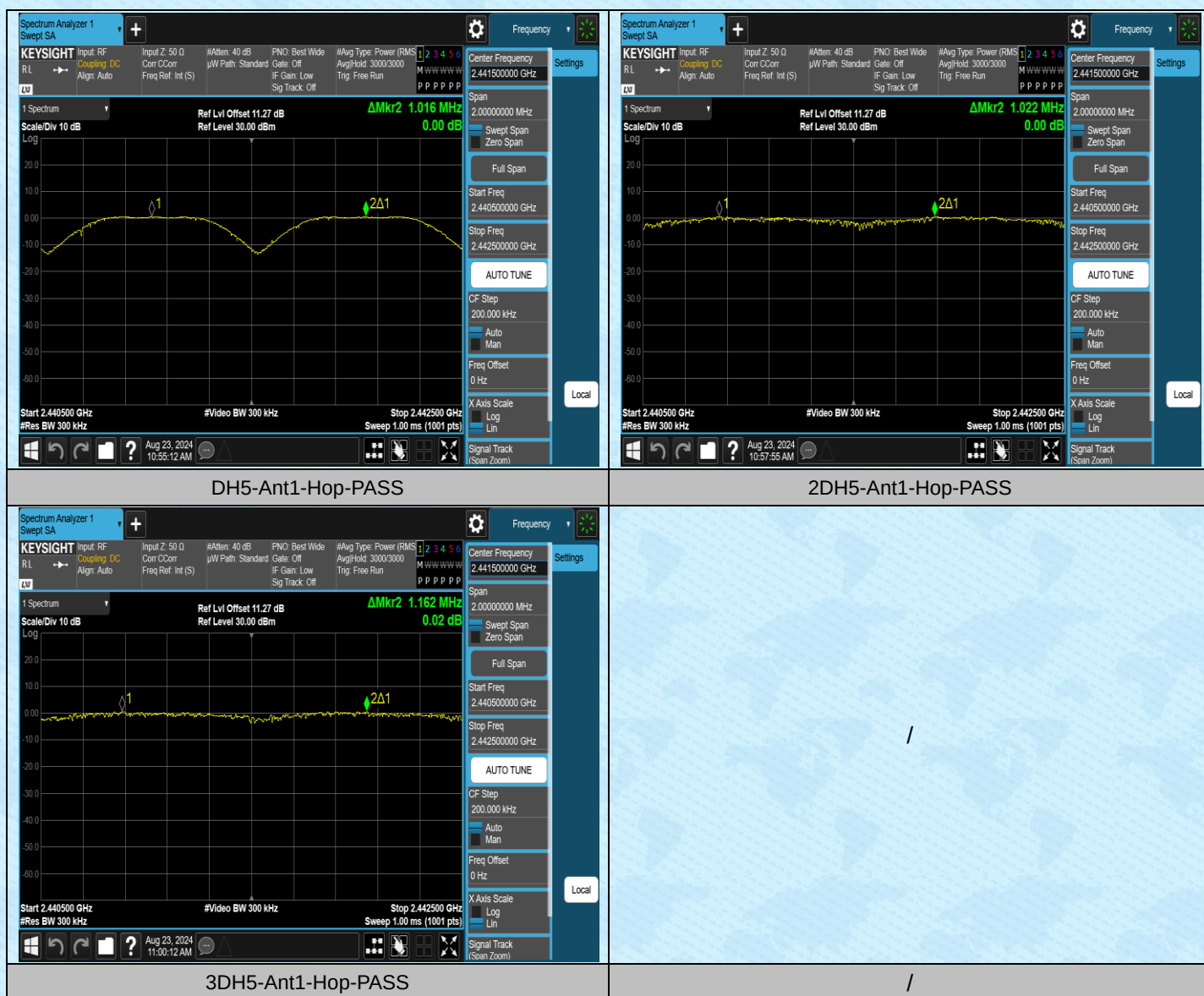


AppendixD: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.016	≥ 0.942	PASS
2DH5	Ant1	Hop	1.022	≥ 0.896	PASS
3DH5	Ant1	Hop	1.162	≥ 0.870	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	0.395	320	0.126	≤0.4	PASS
DH3	Ant1	Hop	1.652	160	0.264	≤0.4	PASS
DH5	Ant1	Hop	2.899	106.67	0.309	≤0.4	PASS
2DH1	Ant1	Hop	0.405	320	0.13	≤0.4	PASS
2DH3	Ant1	Hop	1.658	160	0.265	≤0.4	PASS
2DH5	Ant1	Hop	2.906	106.67	0.31	≤0.4	PASS
3DH1	Ant1	Hop	0.407	320	0.13	≤0.4	PASS
3DH3	Ant1	Hop	1.657	160	0.265	≤0.4	PASS
3DH5	Ant1	Hop	2.908	106.67	0.31	≤0.4	PASS

Note:

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

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

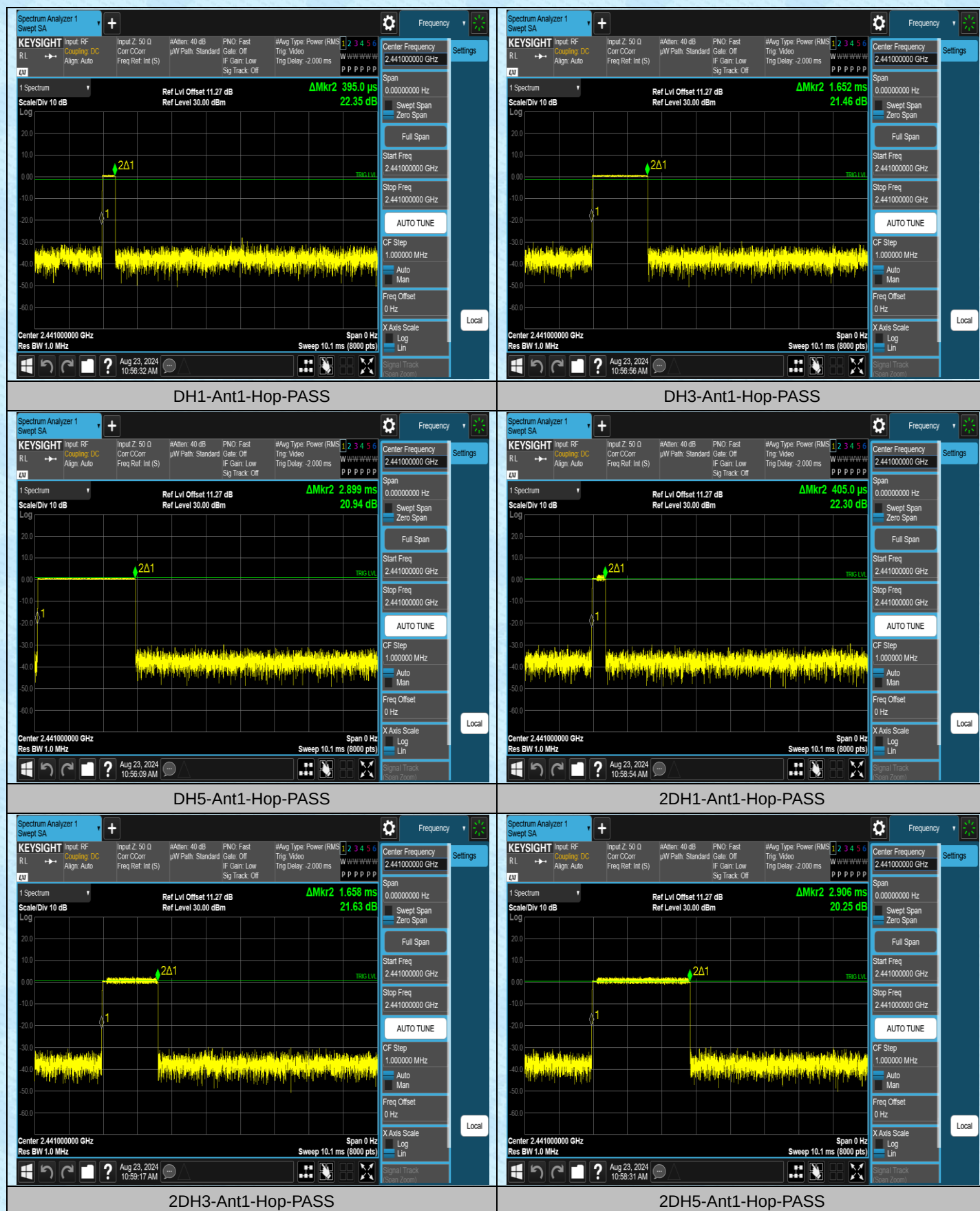
DH3/2DH3/3DH3:TotalHops=1600/79/4*0.4*79

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

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

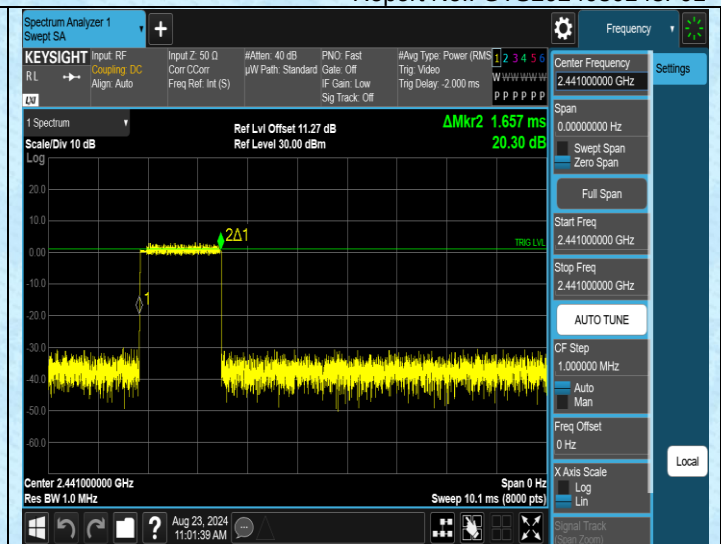
DH1/2DH1/3DH1: Time of occupancy= TotalHops * (BurstWidth) /1000

Test Graphs

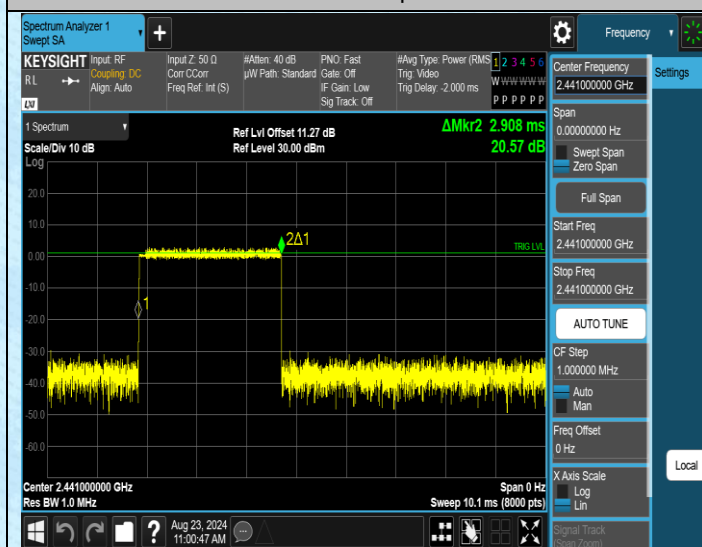




3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



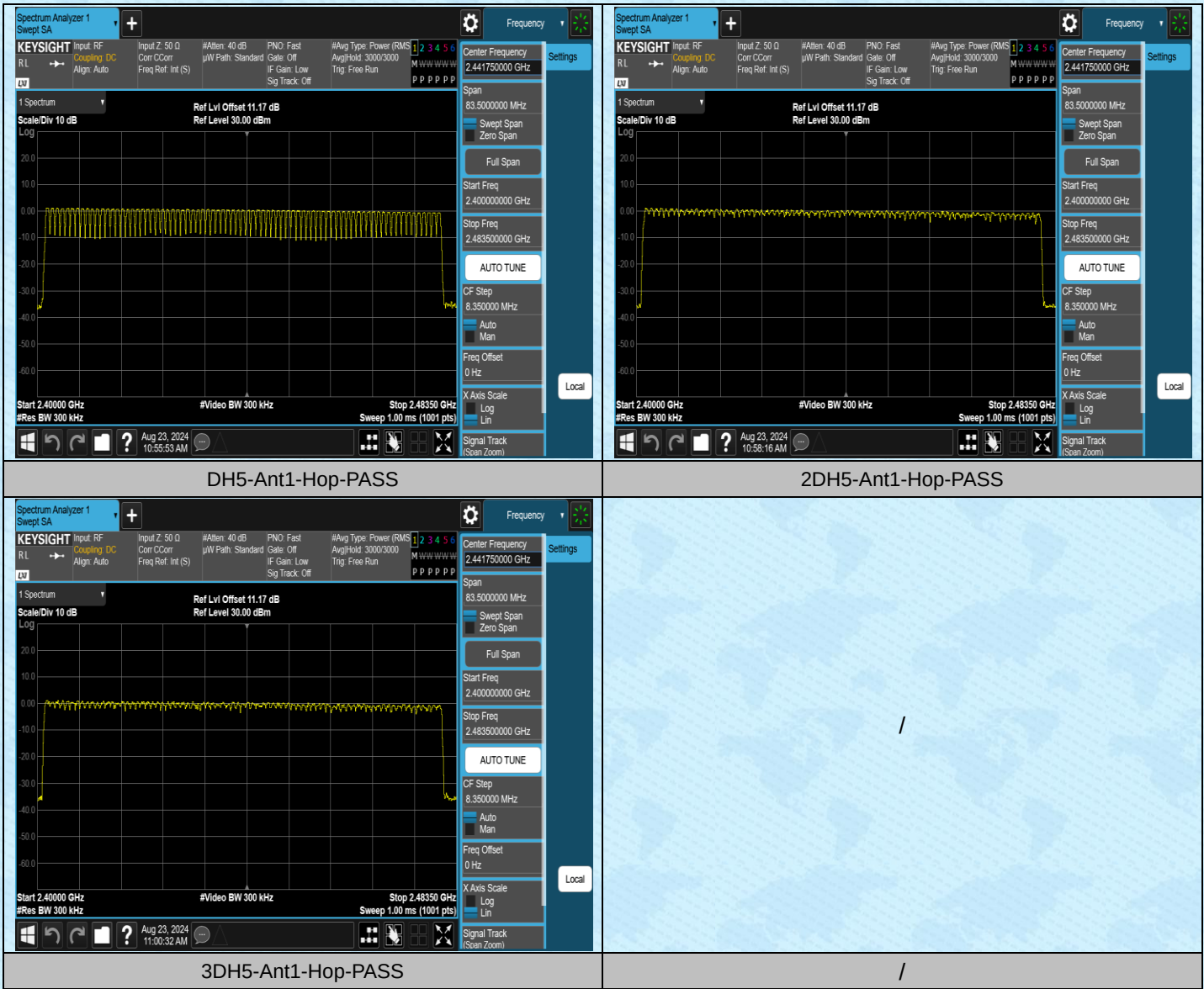
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AppendixF: Number of hopping channels

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

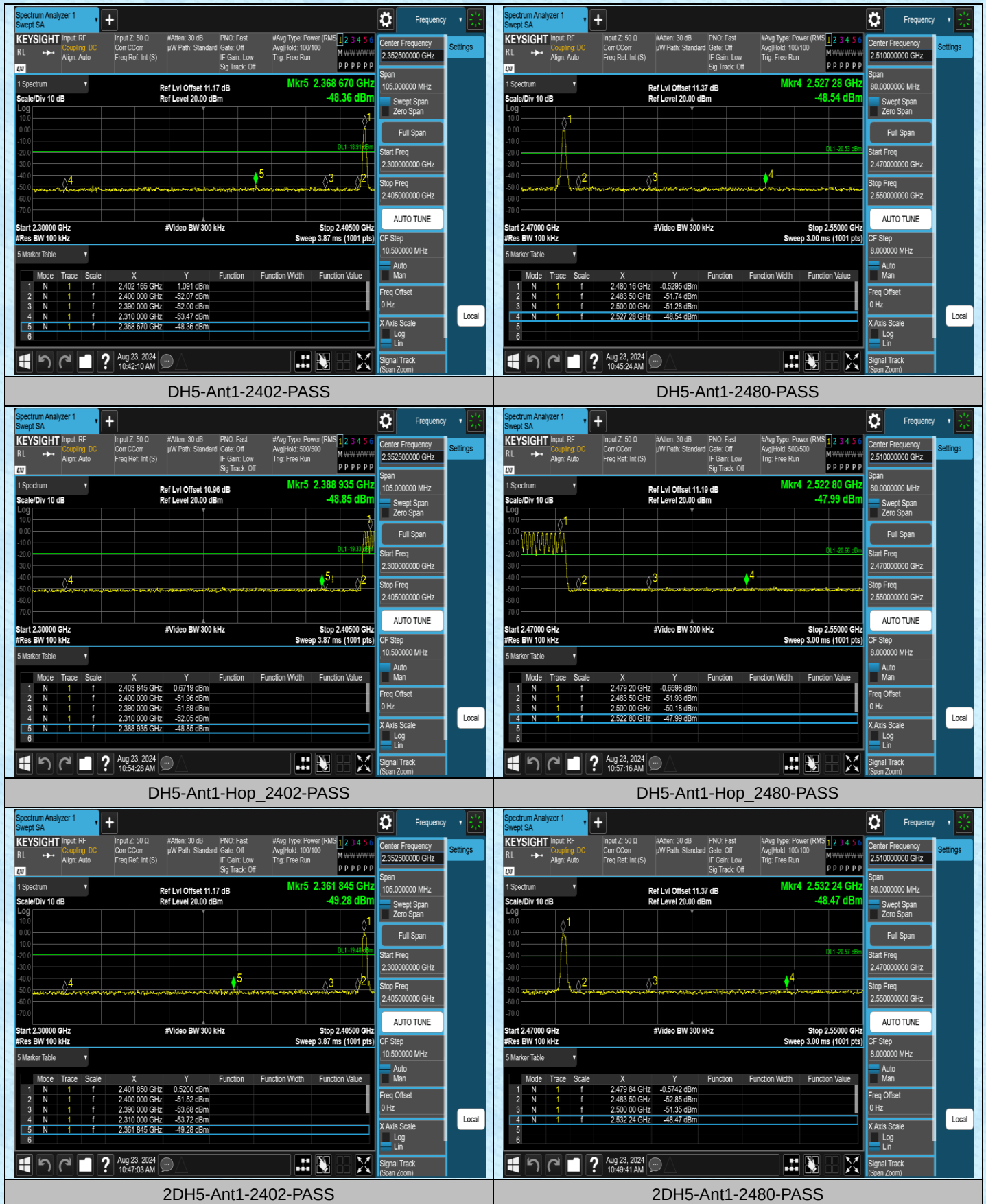


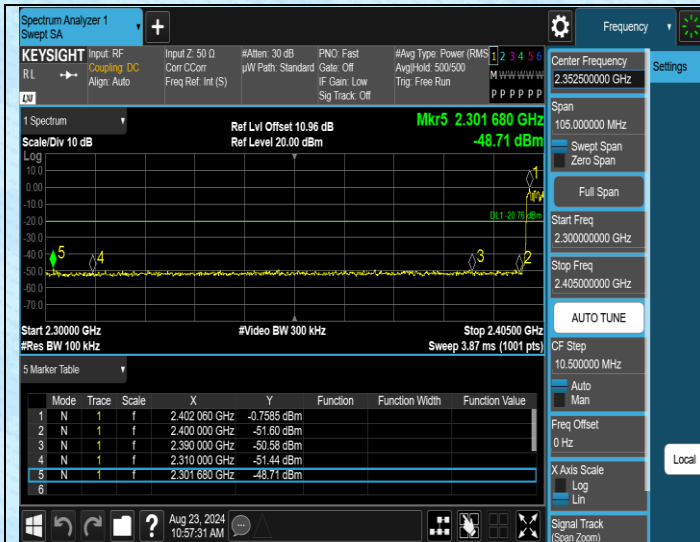
AppendixG:Band edge measurements

Test Result

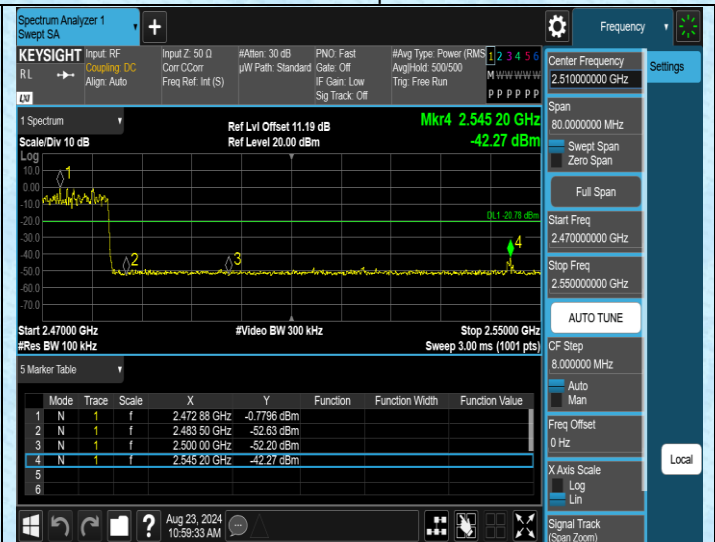
Test Mode	Antenna	Channel	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.09	-48.36	≤-18.91	PASS
DH5	Ant1	High	2480	-0.53	-48.54	≤-20.53	PASS
DH5	Ant1	Low	Hop_2402	0.67	-48.85	≤-19.33	PASS
DH5	Ant1	High	Hop_2480	-0.66	-47.99	≤-20.66	PASS
2DH5	Ant1	Low	2402	0.52	-49.28	≤-19.48	PASS
2DH5	Ant1	High	2480	-0.57	-48.47	≤-20.57	PASS
2DH5	Ant1	Low	Hop_2402	-0.76	-48.71	≤-20.76	PASS
2DH5	Ant1	High	Hop_2480	-0.78	-42.27	≤-20.78	PASS
3DH5	Ant1	Low	2402	-1.48	-49.17	≤-21.48	PASS
3DH5	Ant1	High	2480	-0.55	-48.76	≤-20.55	PASS
3DH5	Ant1	Low	Hop_2402	0.85	-48.97	≤-19.15	PASS
3DH5	Ant1	High	Hop_2480	-0.55	-48.21	≤-20.55	PASS

Test Graphs

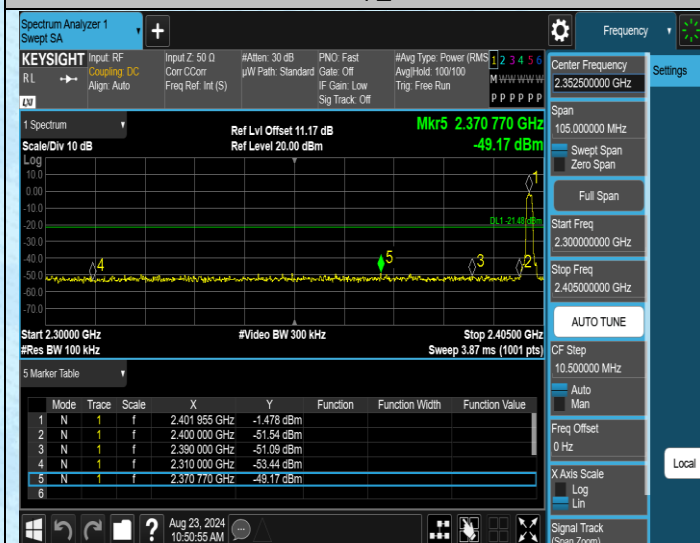




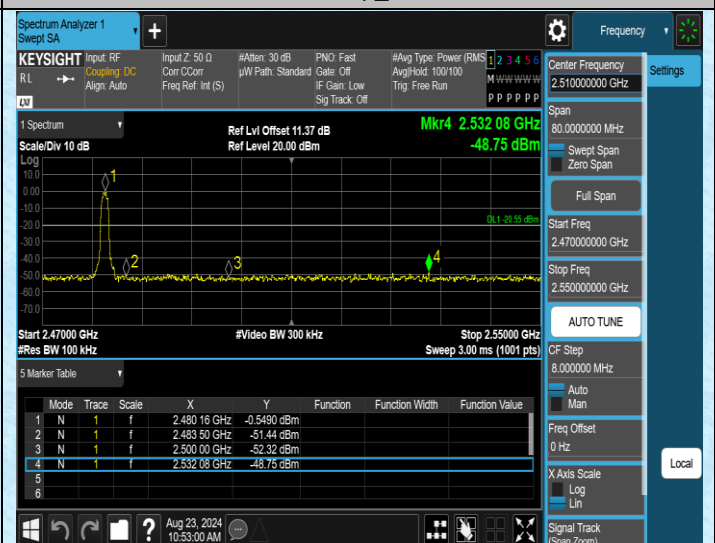
2DH5-Ant1-Hop_2402-PASS



2DH5-Ant1-Hop_2480-PASS



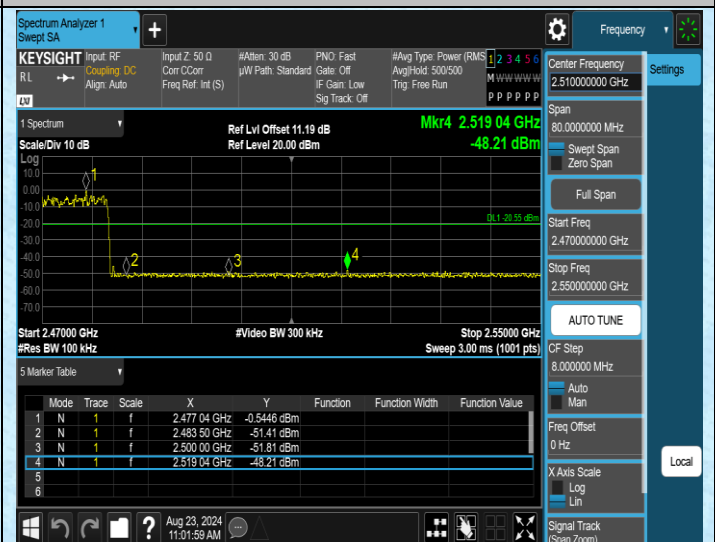
3DH5-Ant1-2402-PASS



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	1.08	1.08	---	PASS
DH5	Ant1	2402	30~1000	1.08	-57.32	≤-18.92	PASS
DH5	Ant1	2402	1000~26500	1.08	-44.27	≤-18.92	PASS
DH5	Ant1	2441	0~Reference	0.45	0.45	---	PASS
DH5	Ant1	2441	30~1000	0.45	-57.13	≤-19.55	PASS
DH5	Ant1	2441	1000~26500	0.45	-43.84	≤-19.55	PASS
DH5	Ant1	2480	0~Reference	-0.49	-0.49	---	PASS
DH5	Ant1	2480	30~1000	-0.49	-54.87	≤-20.49	PASS
DH5	Ant1	2480	1000~26500	-0.49	-42.95	≤-20.49	PASS
2DH5	Ant1	2402	0~Reference	0.98	0.98	---	PASS
2DH5	Ant1	2402	30~1000	0.98	-55.69	≤-19.02	PASS
2DH5	Ant1	2402	1000~26500	0.98	-41.89	≤-19.02	PASS
2DH5	Ant1	2441	0~Reference	0.29	0.29	---	PASS
2DH5	Ant1	2441	30~1000	0.29	-55.66	≤-19.71	PASS
2DH5	Ant1	2441	1000~26500	0.29	-43.6	≤-19.71	PASS
2DH5	Ant1	2480	0~Reference	-0.53	-0.53	---	PASS
2DH5	Ant1	2480	30~1000	-0.53	-55.94	≤-20.53	PASS
2DH5	Ant1	2480	1000~26500	-0.53	-38.17	≤-20.53	PASS
3DH5	Ant1	2402	0~Reference	0.68	0.68	---	PASS
3DH5	Ant1	2402	30~1000	0.68	-55.75	≤-19.32	PASS
3DH5	Ant1	2402	1000~26500	0.68	-47.4	≤-19.32	PASS
3DH5	Ant1	2441	0~Reference	0.45	0.45	---	PASS
3DH5	Ant1	2441	30~1000	0.45	-57.2	≤-19.55	PASS
3DH5	Ant1	2441	1000~26500	0.45	-44.7	≤-19.55	PASS
3DH5	Ant1	2480	0~Reference	-0.80	-0.80	---	PASS
3DH5	Ant1	2480	30~1000	-0.80	-56.41	≤-20.8	PASS
3DH5	Ant1	2480	1000~26500	-0.80	-45.33	≤-20.8	PASS