

AppendixA: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.071	2401.364	2402.435	---	---
DH5	Ant1	2441	1.056	2440.382	2441.438	---	---
DH5	Ant1	2480	1.089	2479.352	2480.441	---	---
2DH5	Ant1	2402	1.332	2401.250	2402.582	---	---
2DH5	Ant1	2441	1.350	2440.244	2441.594	---	---
2DH5	Ant1	2480	1.359	2479.235	2480.594	---	---
3DH5	Ant1	2402	1.293	2401.262	2402.555	---	---
3DH5	Ant1	2441	1.383	2440.211	2441.594	---	---
3DH5	Ant1	2480	1.371	2479.223	2480.594	---	---

Test Graphs



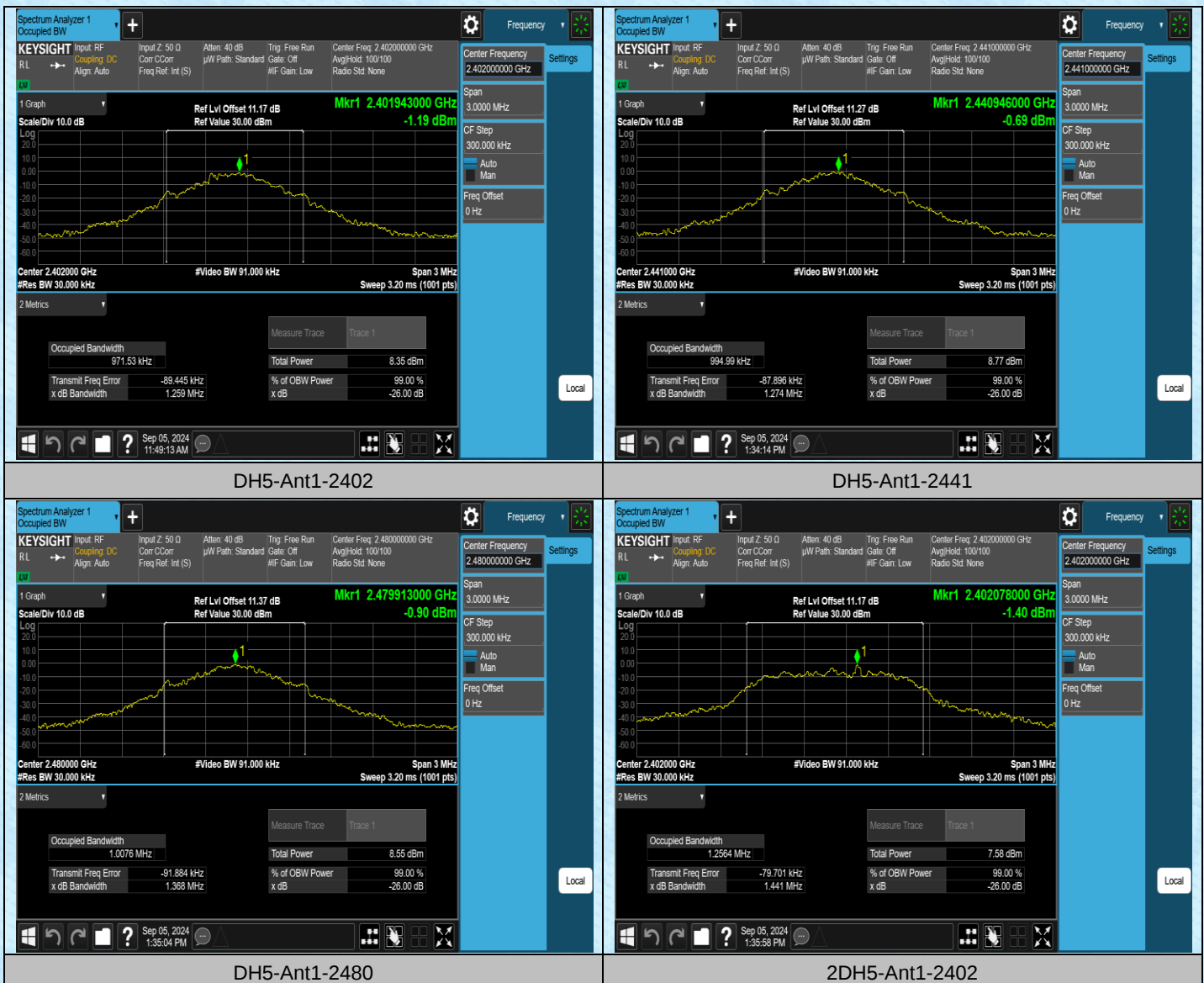


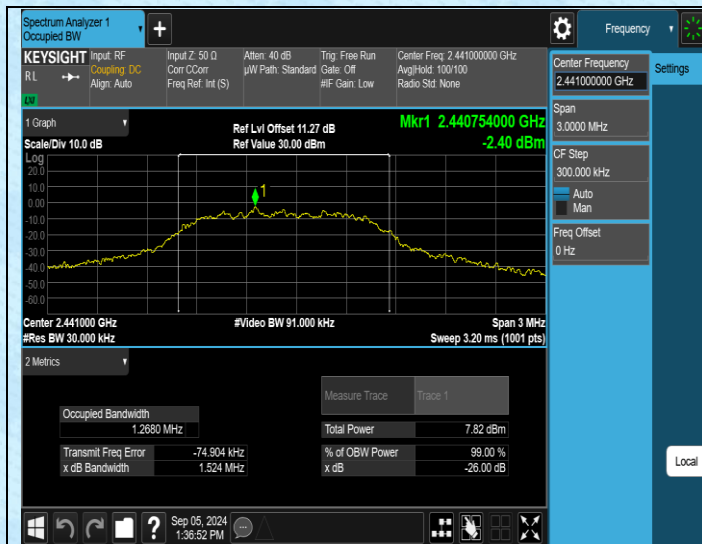
AppendixB: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.97153	2401.4248	2402.3963	---	---
DH5	Ant1	2441	0.99499	2440.4146	2441.4096	---	---
DH5	Ant1	2480	1.0076	2479.4043	2480.4119	---	---
2DH5	Ant1	2402	1.2564	2401.2921	2402.5485	---	---
2DH5	Ant1	2441	1.2680	2440.2911	2441.5591	---	---
2DH5	Ant1	2480	1.2763	2479.2827	2480.5590	---	---
3DH5	Ant1	2402	1.2378	2401.2925	2402.5303	---	---
3DH5	Ant1	2441	1.2473	2440.2876	2441.5349	---	---
3DH5	Ant1	2480	1.2491	2479.2863	2480.5354	---	---

Test Graphs

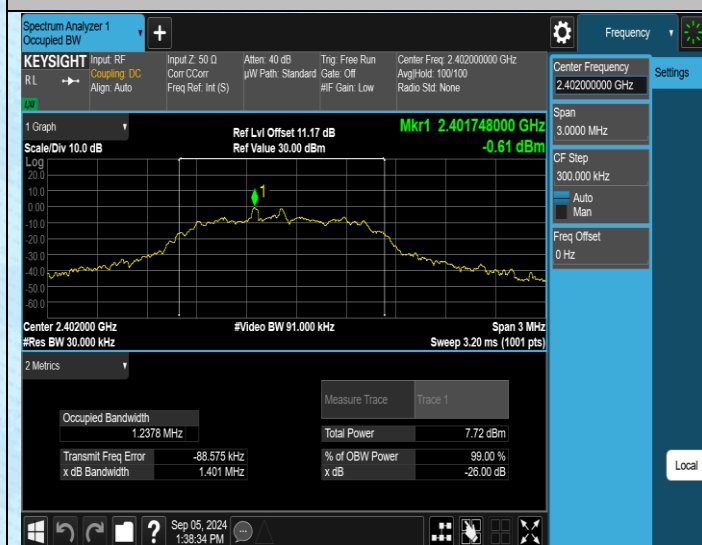




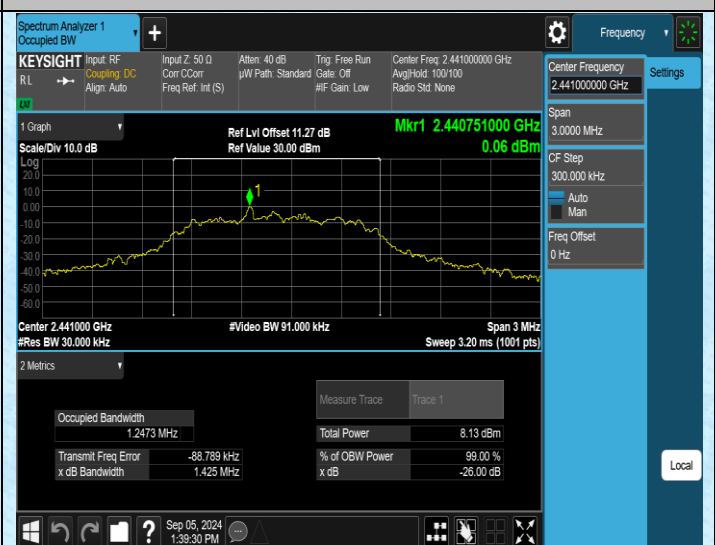
2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

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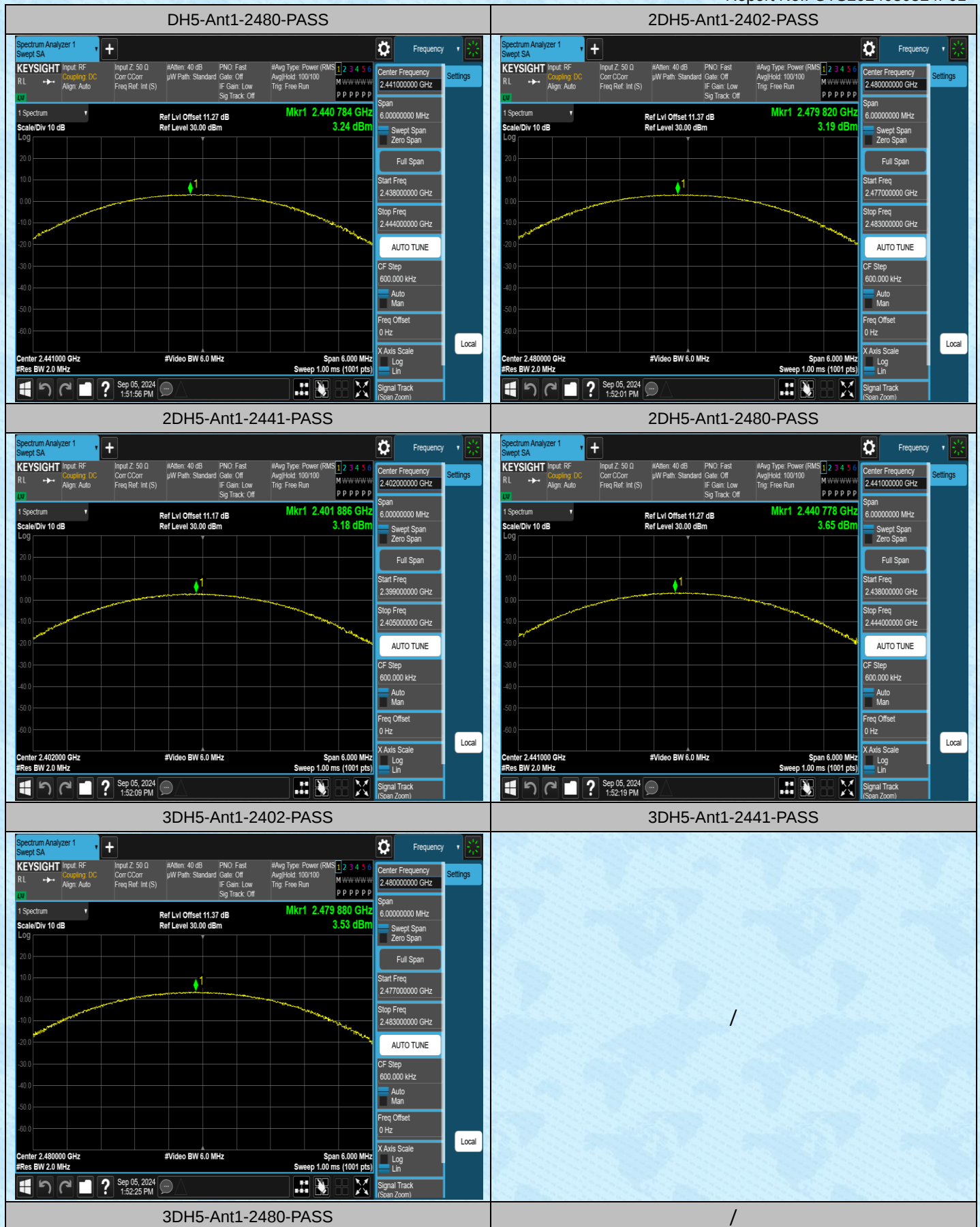
AppendixC: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.09	≤20.97	PASS
DH5	Ant1	2441	2.58	≤20.97	PASS
DH5	Ant1	2480	2.49	≤20.97	PASS
2DH5	Ant1	2402	2.80	≤20.97	PASS
2DH5	Ant1	2441	3.25	≤20.97	PASS
2DH5	Ant1	2480	3.19	≤20.97	PASS
3DH5	Ant1	2402	3.18	≤20.97	PASS
3DH5	Ant1	2441	3.65	≤20.97	PASS
3DH5	Ant1	2480	3.53	≤20.97	PASS

Test Graphs



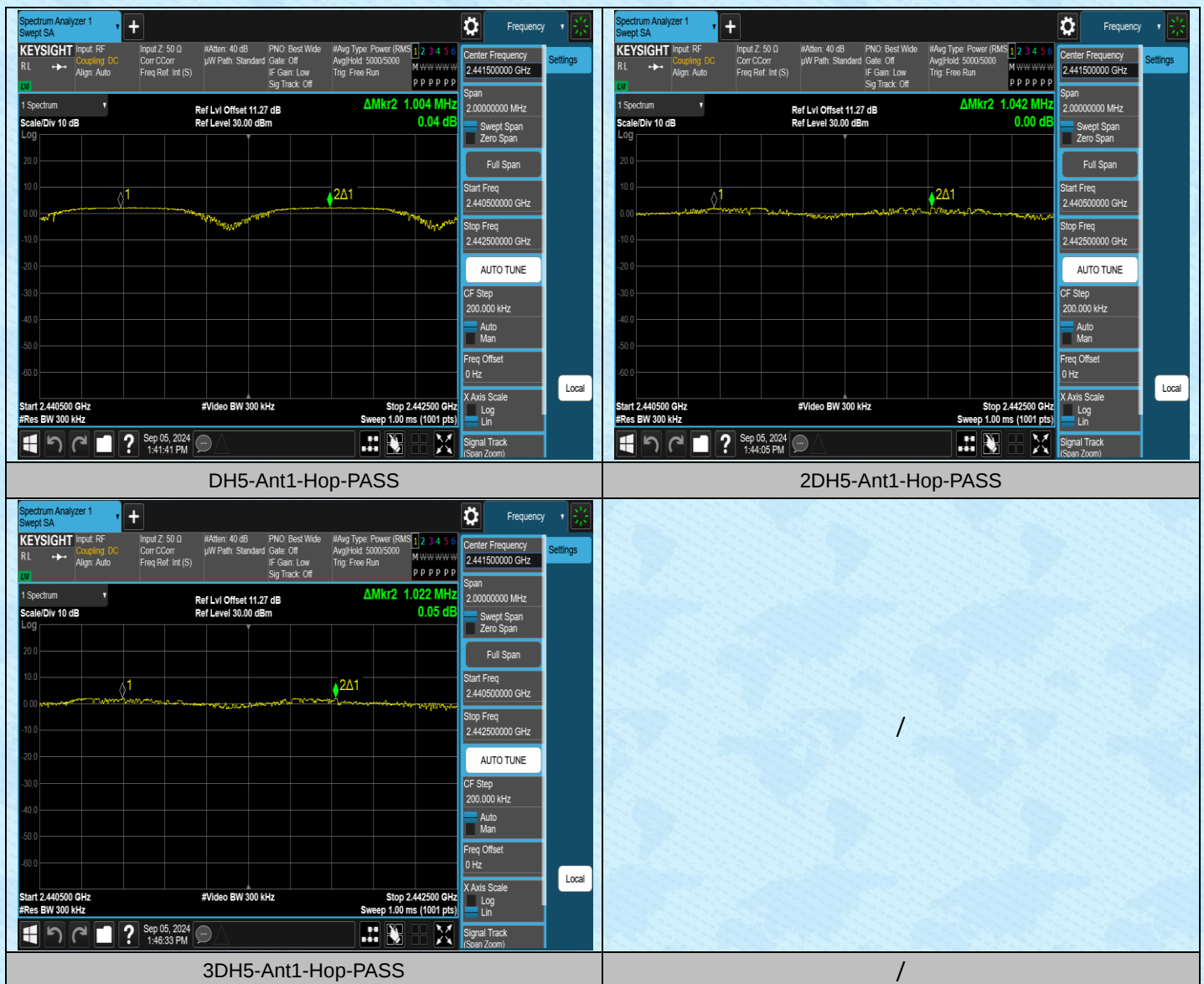


AppendixD: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.004	≥ 0.726	PASS
2DH5	Ant1	Hop	1.042	≥ 0.906	PASS
3DH5	Ant1	Hop	1.022	≥ 0.922	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	0.374	320	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.630	160	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.878	106.67	0.307	≤0.4	PASS
2DH1	Ant1	Hop	0.384	320	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.637	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.884	106.67	0.308	≤0.4	PASS
3DH1	Ant1	Hop	0.385	320	0.123	≤0.4	PASS
3DH3	Ant1	Hop	1.635	160	0.262	≤0.4	PASS
3DH5	Ant1	Hop	2.885	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

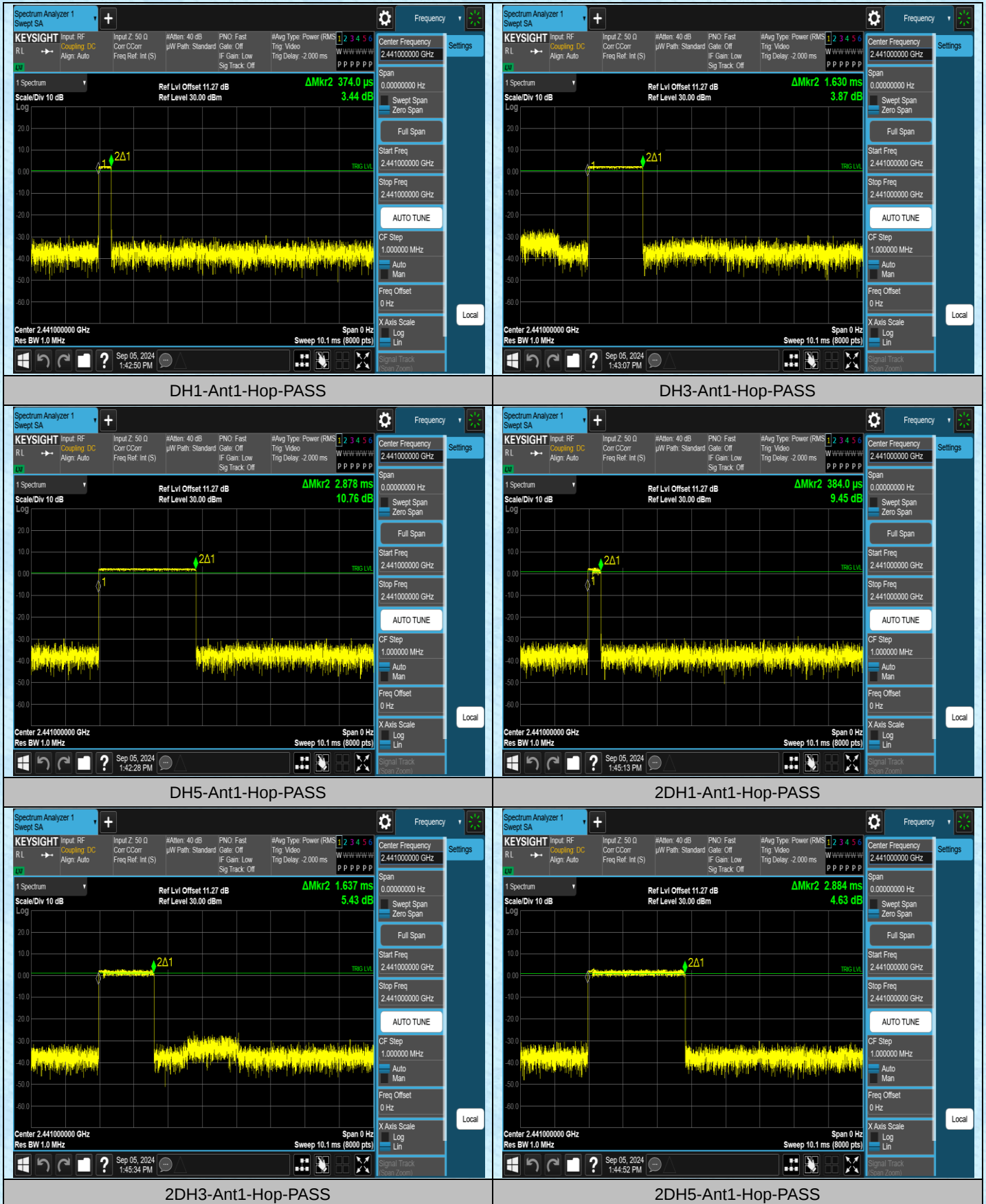
DH3/2DH3/3DH3:TotalHops=1600/79/4*0.4*79

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

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

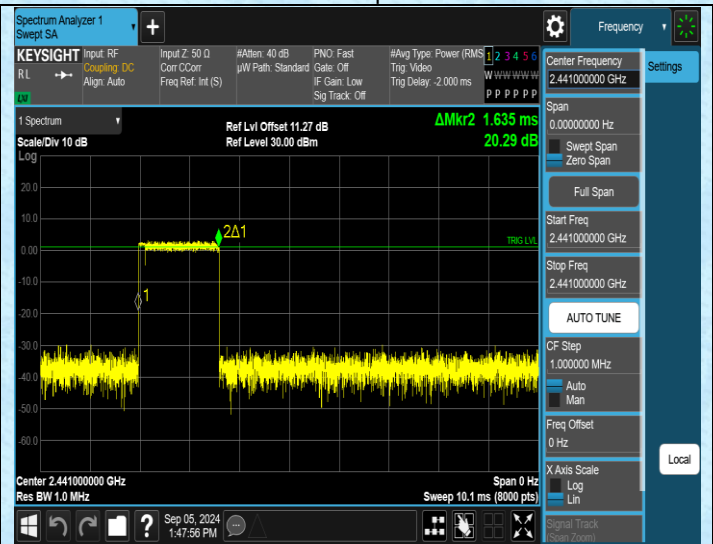
DH1/2DH1/3DH1: Time of occupancy= TotalHops * (BurstWidth) /1000

Test Graphs

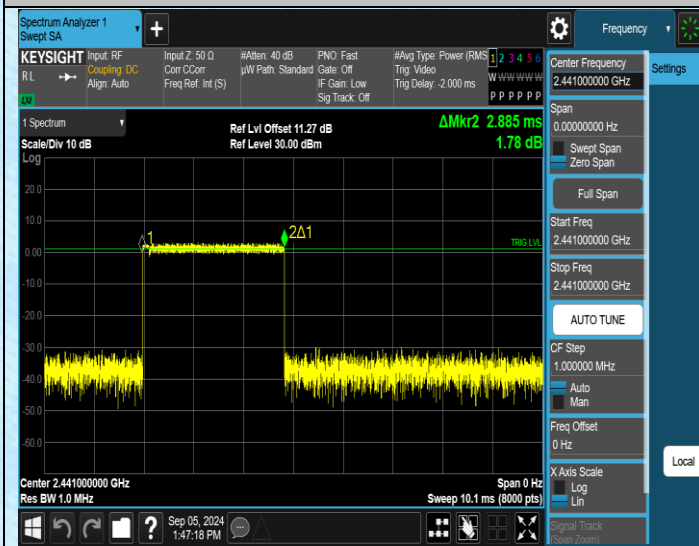




3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



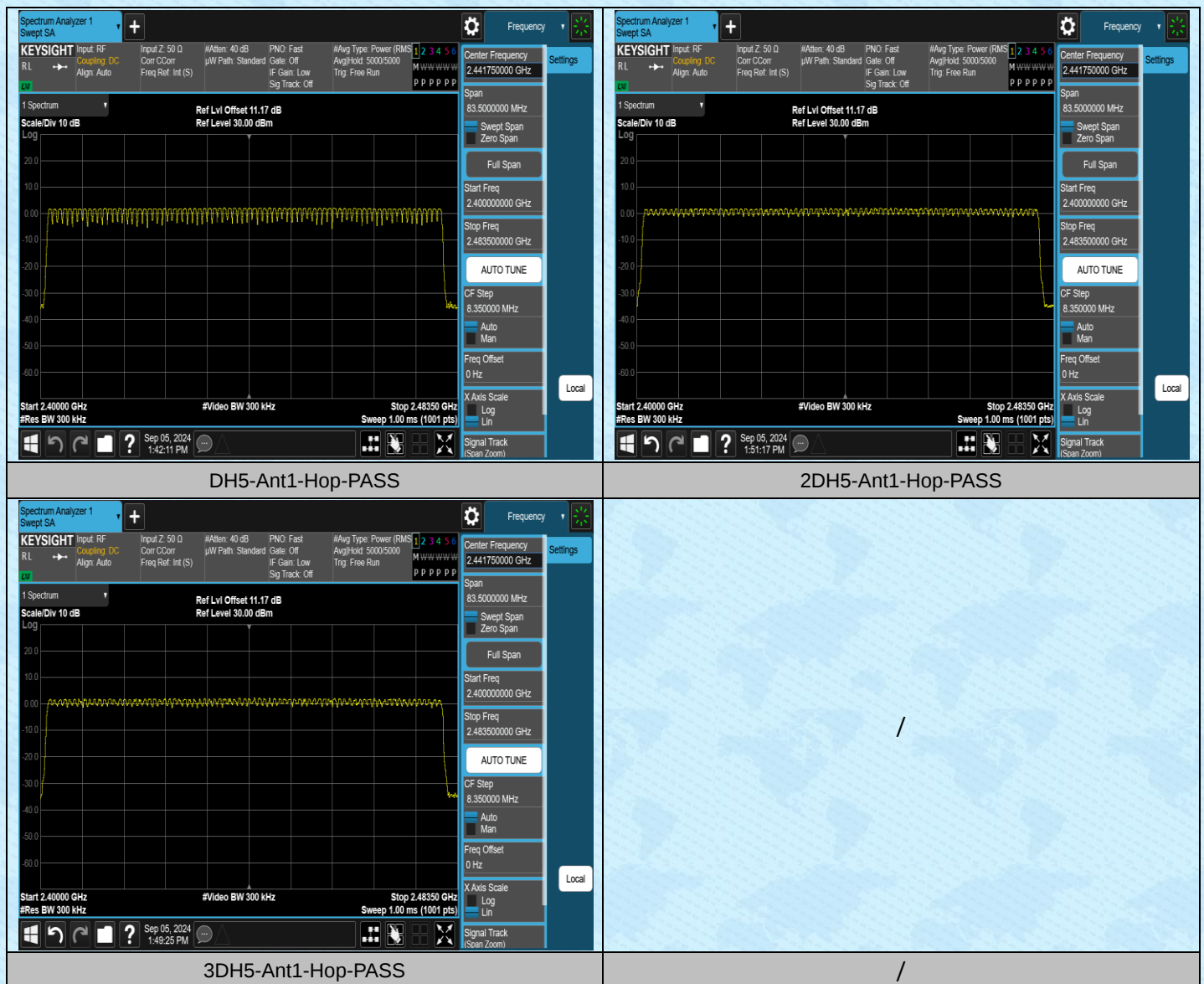
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AppendixF: Number of hopping channels

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

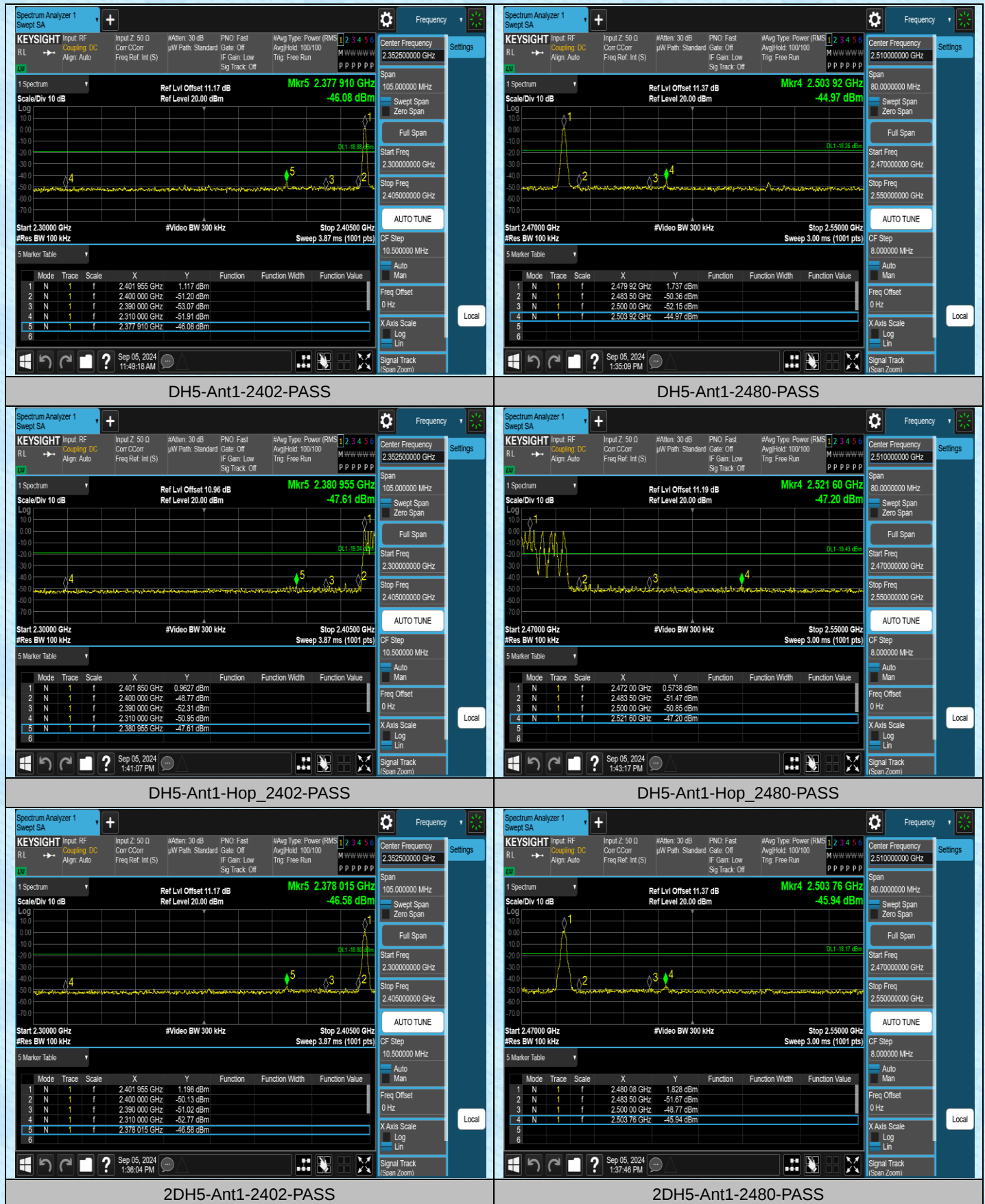


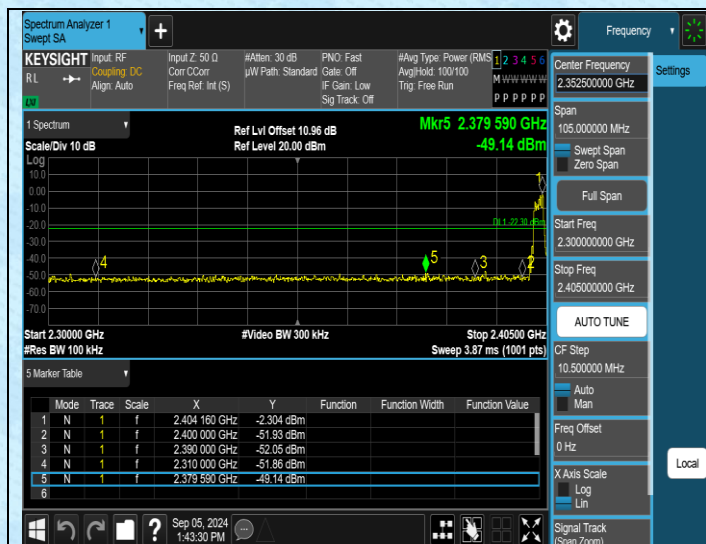
AppendixG:Band edge measurements

Test Result

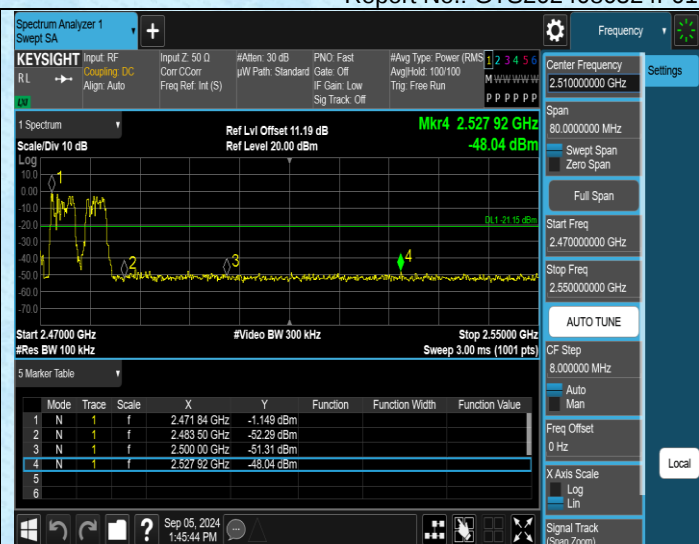
Test Mode	Antenna	Channel	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.12	-46.08	≤-18.88	PASS
DH5	Ant1	High	2480	1.74	-44.97	≤-18.26	PASS
DH5	Ant1	Low	Hop_2402	0.96	-47.61	≤-19.04	PASS
DH5	Ant1	High	Hop_2480	0.57	-47.2	≤-19.43	PASS
2DH5	Ant1	Low	2402	1.20	-46.58	≤-18.8	PASS
2DH5	Ant1	High	2480	1.83	-45.94	≤-18.17	PASS
2DH5	Ant1	Low	Hop_2402	-2.30	-49.14	≤-22.3	PASS
2DH5	Ant1	High	Hop_2480	-1.15	-48.04	≤-21.15	PASS
3DH5	Ant1	Low	2402	0.80	-45.79	≤-19.2	PASS
3DH5	Ant1	High	2480	-0.26	-46.14	≤-20.26	PASS
3DH5	Ant1	Low	Hop_2402	-2.82	-48.64	≤-22.82	PASS
3DH5	Ant1	High	Hop_2480	-3.36	-46.92	≤-23.36	PASS

Test Graphs

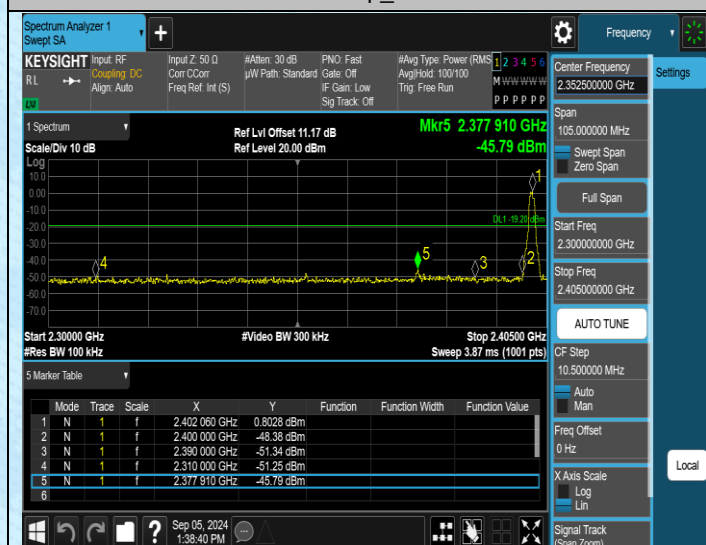




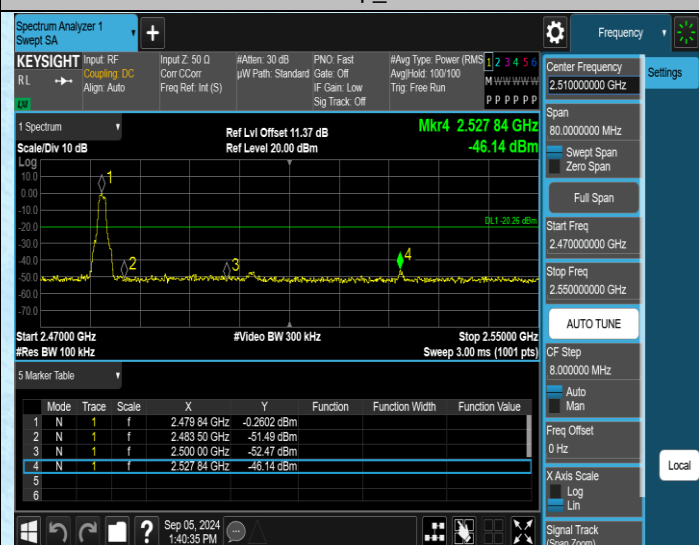
2DH5-Ant1-Hop_2402-PASS



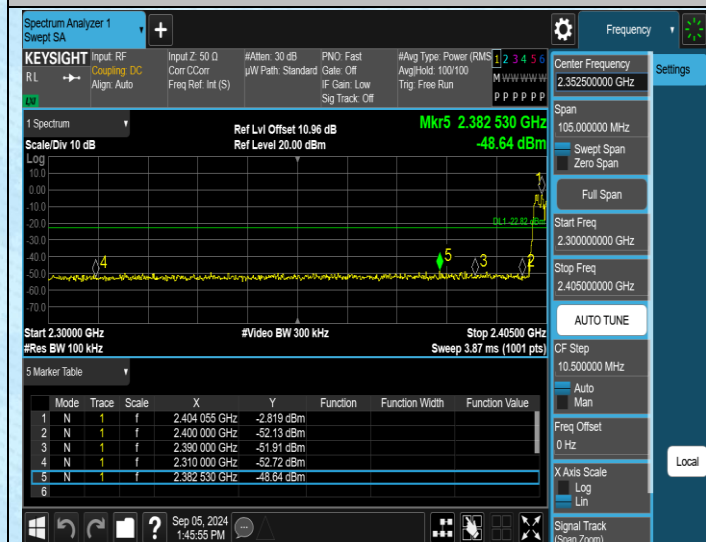
2DH5-Ant1-Hop_2480-PASS



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	1.05	1.05	---	PASS
DH5	Ant1	2402	30~1000	1.05	-60.24	≤-18.95	PASS
DH5	Ant1	2402	1000~26500	1.05	-44.49	≤-18.95	PASS
DH5	Ant1	2441	0~Reference	1.90	1.90	---	PASS
DH5	Ant1	2441	30~1000	1.90	-61.33	≤-18.1	PASS
DH5	Ant1	2441	1000~26500	1.90	-42.74	≤-18.1	PASS
DH5	Ant1	2480	0~Reference	1.86	1.86	---	PASS
DH5	Ant1	2480	30~1000	1.86	-61.33	≤-18.14	PASS
DH5	Ant1	2480	1000~26500	1.86	-43.95	≤-18.14	PASS
2DH5	Ant1	2402	0~Reference	-1.57	-1.57	---	PASS
2DH5	Ant1	2402	30~1000	-1.57	-61.63	≤-21.57	PASS
2DH5	Ant1	2402	1000~26500	-1.57	-46.28	≤-21.57	PASS
2DH5	Ant1	2441	0~Reference	-0.39	-0.39	---	PASS
2DH5	Ant1	2441	30~1000	-0.39	-60.94	≤-20.39	PASS
2DH5	Ant1	2441	1000~26500	-0.39	-45.23	≤-20.39	PASS
2DH5	Ant1	2480	0~Reference	1.50	1.50	---	PASS
2DH5	Ant1	2480	30~1000	1.50	-61.6	≤-18.5	PASS
2DH5	Ant1	2480	1000~26500	1.50	-43.92	≤-18.5	PASS
3DH5	Ant1	2402	0~Reference	1.45	1.45	---	PASS
3DH5	Ant1	2402	30~1000	1.45	-61.77	≤-18.55	PASS
3DH5	Ant1	2402	1000~26500	1.45	-46.76	≤-18.55	PASS
3DH5	Ant1	2441	0~Reference	2.15	2.15	---	PASS
3DH5	Ant1	2441	30~1000	2.15	-60.99	≤-17.85	PASS
3DH5	Ant1	2441	1000~26500	2.15	-45.31	≤-17.85	PASS
3DH5	Ant1	2480	0~Reference	-1.05	-1.05	---	PASS
3DH5	Ant1	2480	30~1000	-1.05	-61.06	≤-21.05	PASS
3DH5	Ant1	2480	1000~26500	-1.05	-42.3	≤-21.05	PASS