

AppendixA: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.996	2401.511	2402.507	---	---
DH5	Ant1	2441	1.011	2440.496	2441.507	---	---
DH5	Ant1	2480	0.957	2479.538	2480.495	---	---
2DH5	Ant1	2402	1.329	2401.346	2402.675	---	---
2DH5	Ant1	2441	1.332	2440.343	2441.675	---	---
2DH5	Ant1	2480	1.323	2479.352	2480.675	---	---
3DH5	Ant1	2402	1.299	2401.361	2402.660	---	---
3DH5	Ant1	2441	1.326	2440.346	2441.672	---	---
3DH5	Ant1	2480	1.311	2479.355	2480.666	---	---

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



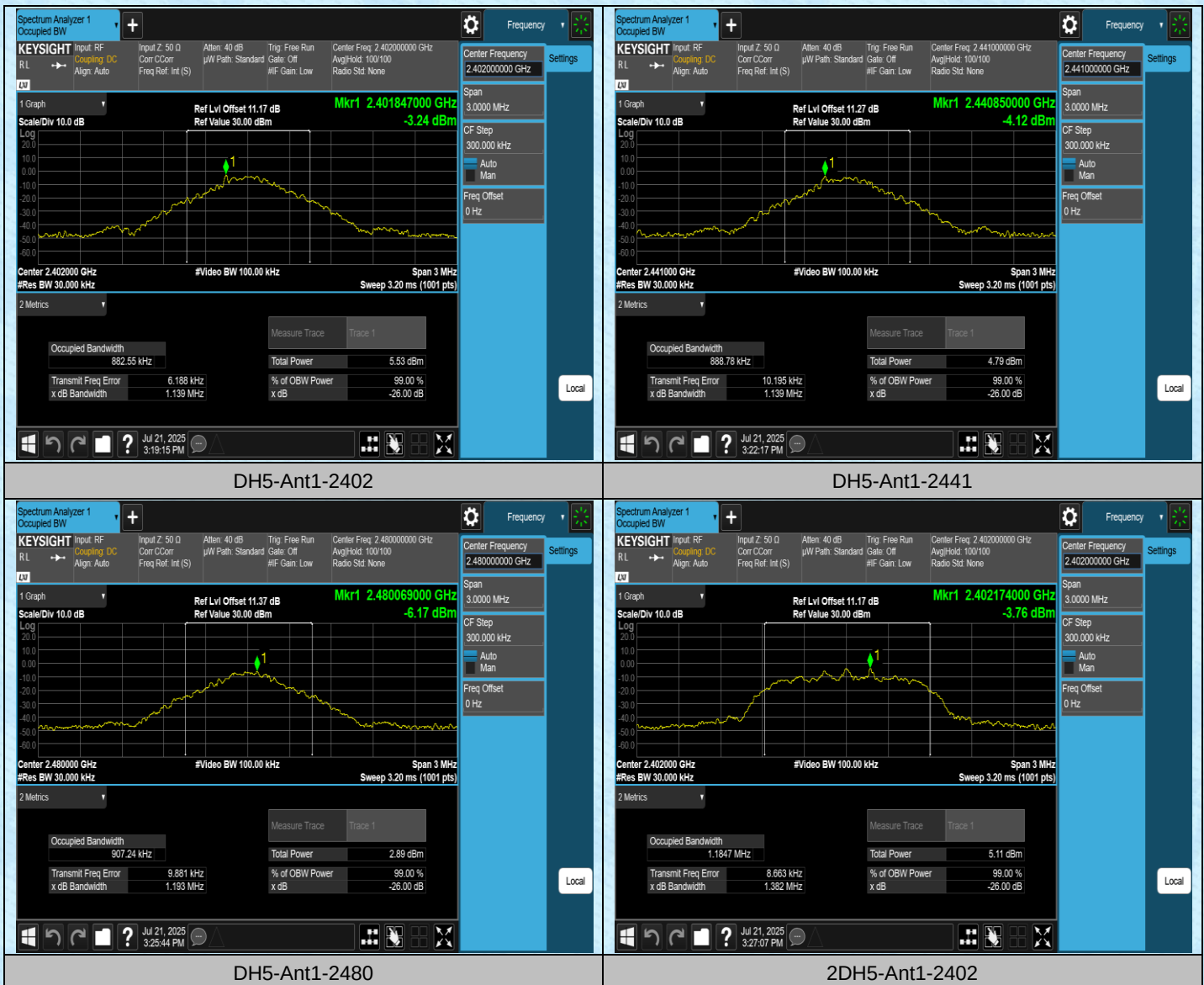
3DH5-Ant1-2480

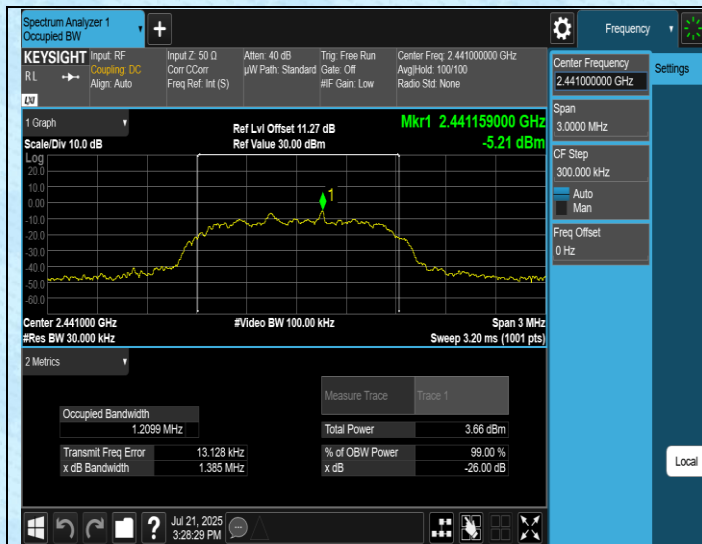
AppendixB: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88255	2401.5649	2402.4475	---	---
DH5	Ant1	2441	0.88878	2440.5658	2441.4546	---	---
DH5	Ant1	2480	0.90724	2479.5563	2480.4635	---	---
2DH5	Ant1	2402	1.1847	2401.4163	2402.6010	---	---
2DH5	Ant1	2441	1.2099	2440.4082	2441.6181	---	---
2DH5	Ant1	2480	1.1843	2479.4148	2480.5991	---	---
3DH5	Ant1	2402	1.1939	2401.4129	2402.6068	---	---
3DH5	Ant1	2441	1.1924	2440.4147	2441.6071	---	---
3DH5	Ant1	2480	1.1976	2479.4118	2480.6094	---	---

Test Graphs

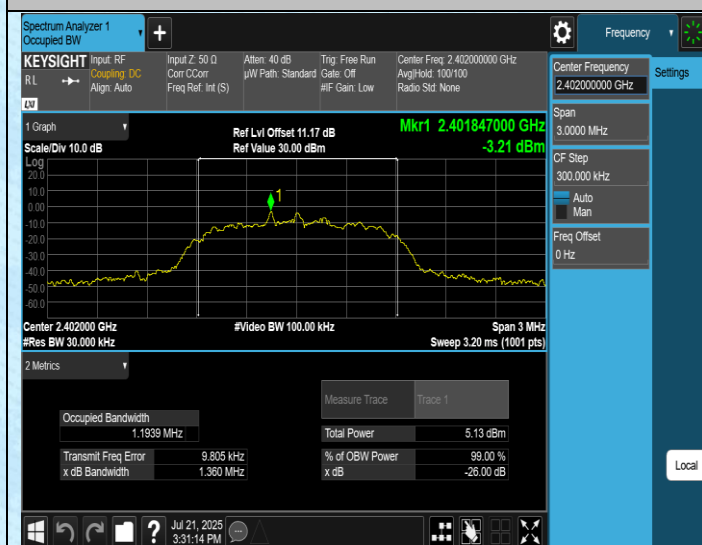




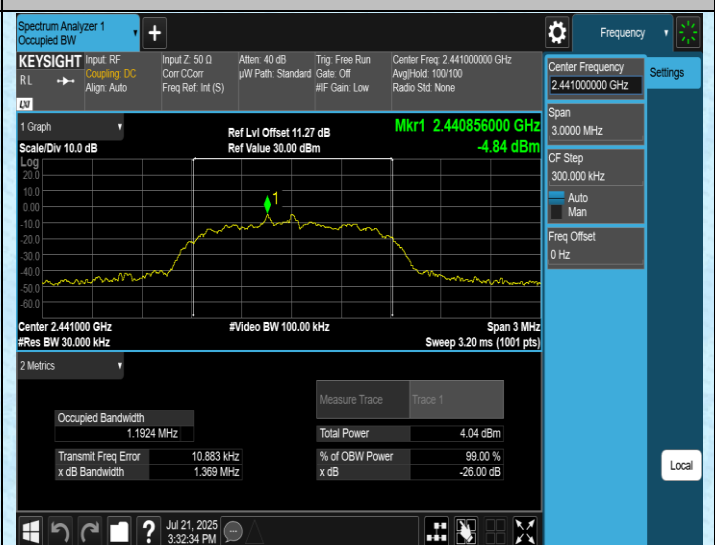
2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



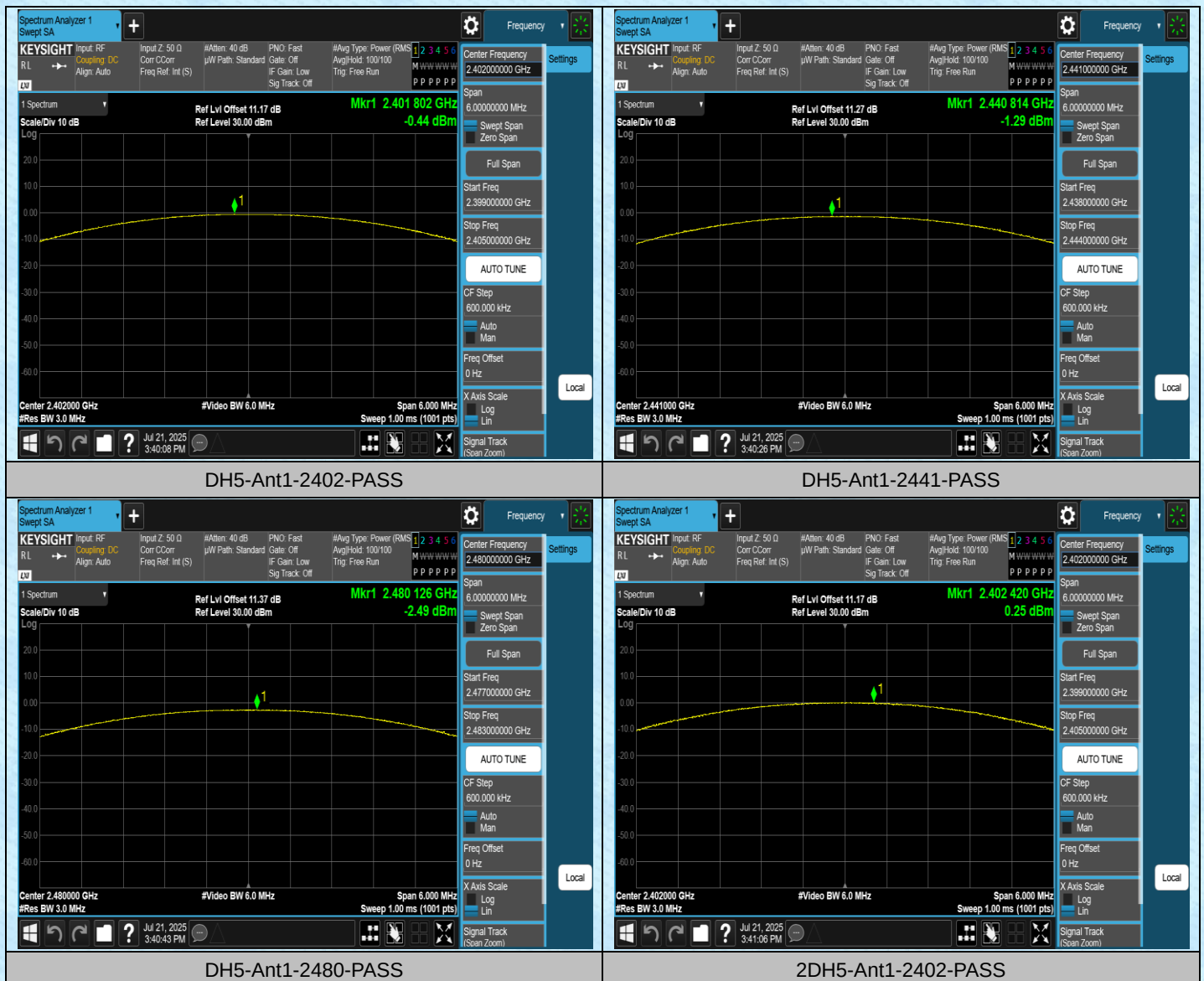
3DH5-Ant1-2480

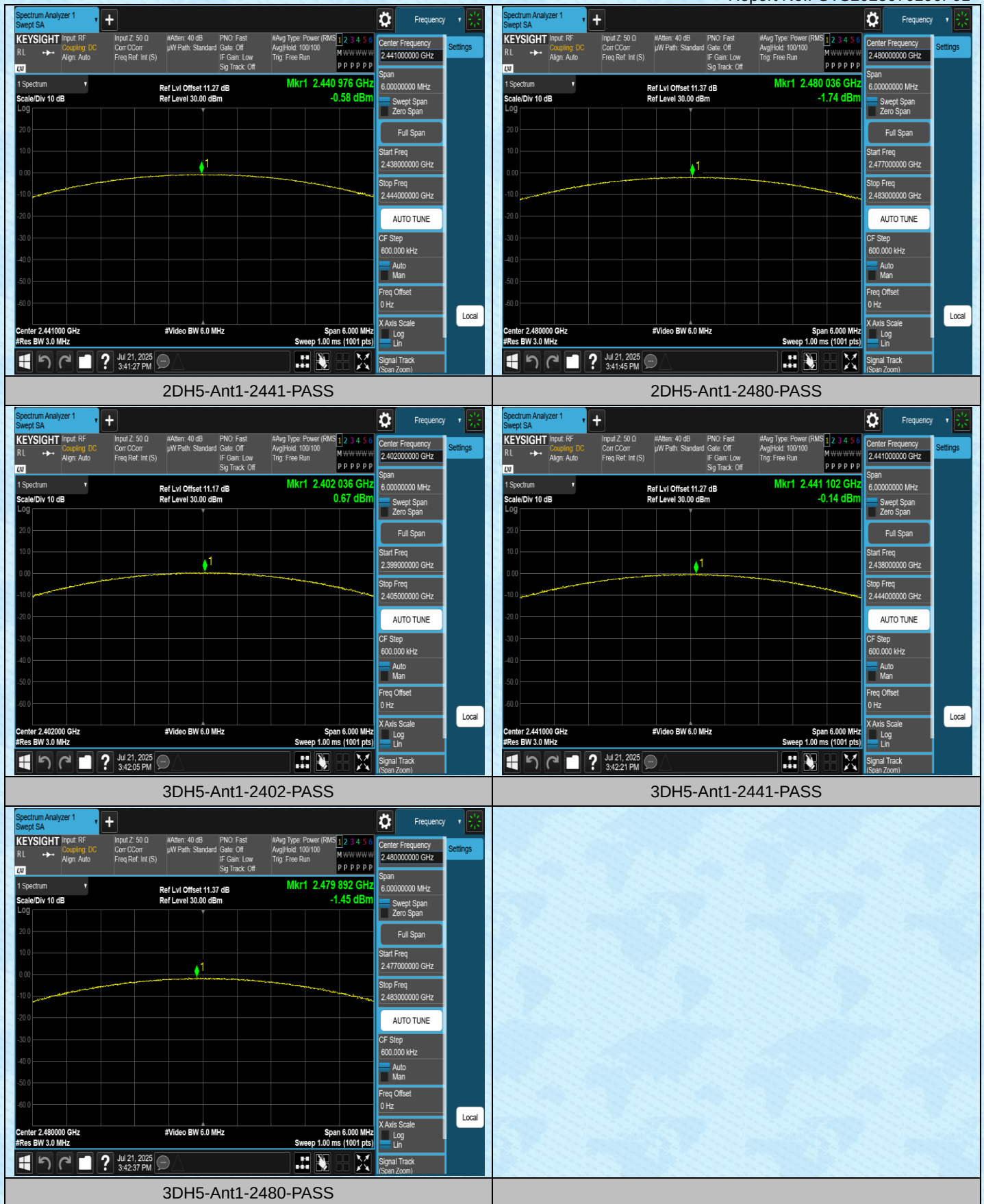
AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.45	≤20.97	PASS
DH5	Ant1	2441	-1.29	≤20.97	PASS
DH5	Ant1	2480	-2.49	≤20.97	PASS
2DH5	Ant1	2402	0.25	≤20.97	PASS
2DH5	Ant1	2441	-0.58	≤20.97	PASS
2DH5	Ant1	2480	-1.75	≤20.97	PASS
3DH5	Ant1	2402	0.67	≤20.97	PASS
3DH5	Ant1	2441	-0.14	≤20.97	PASS
3DH5	Ant1	2480	-1.45	≤20.97	PASS

Test Graphs



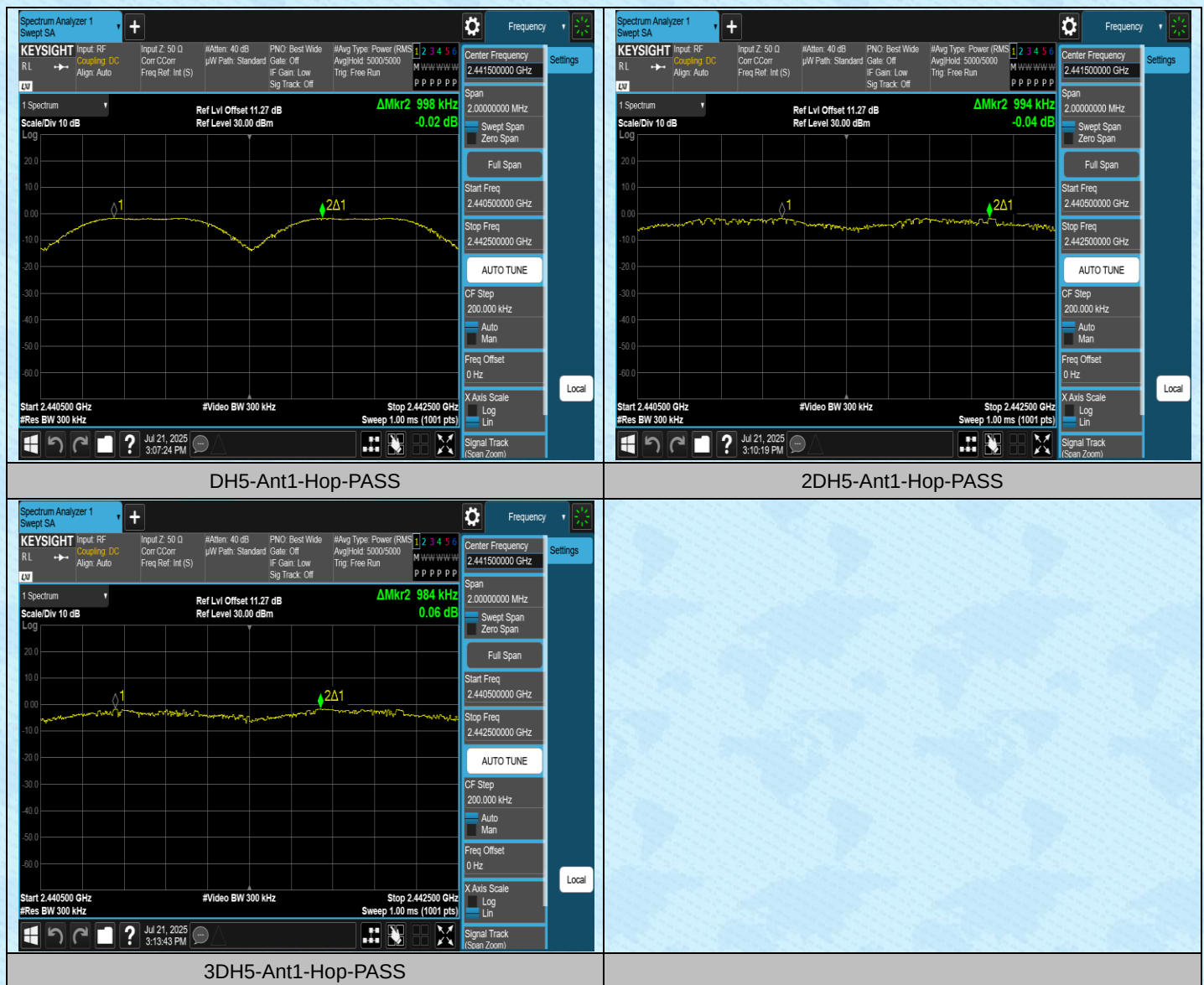


AppendixD: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.998	≥ 0.674	PASS
2DH5	Ant1	Hop	0.994	≥ 0.888	PASS
3DH5	Ant1	Hop	0.984	≥ 0.884	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	0.375	320	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.630	160	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.879	106.67	0.307	≤0.4	PASS
2DH1	Ant1	Hop	0.384	320	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.635	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.885	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	2.887	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

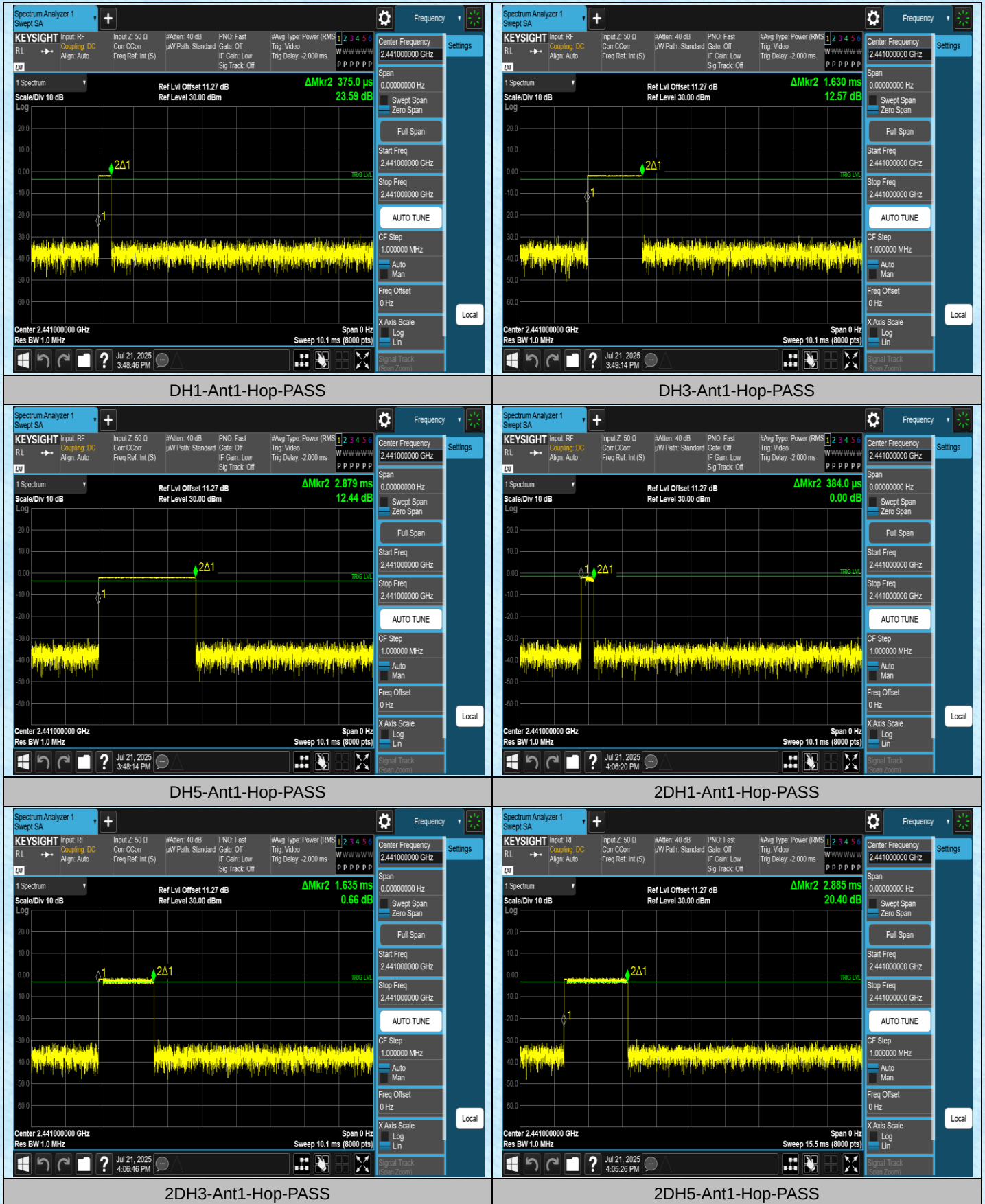
DH3/2DH3/3DH3: TotalHops=1600/79/4*0.4*79

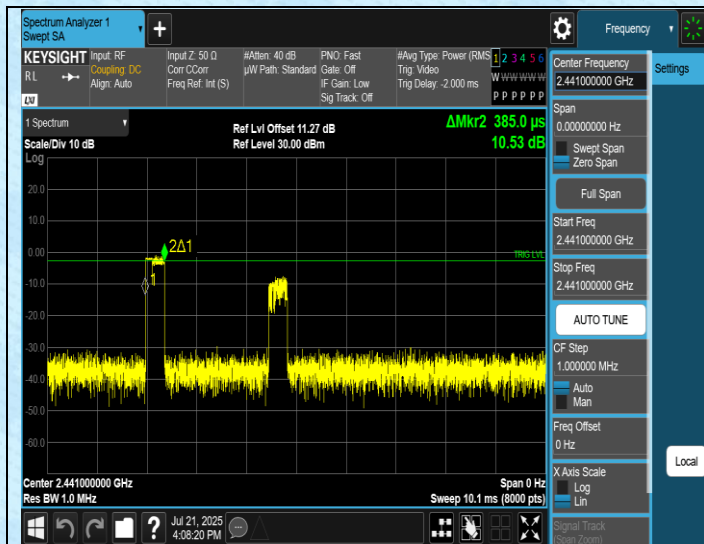
DH3/2DH3/3DH3: Time of occupancy=TotalHops* (BurstWidth) /1000

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

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

Test Graphs

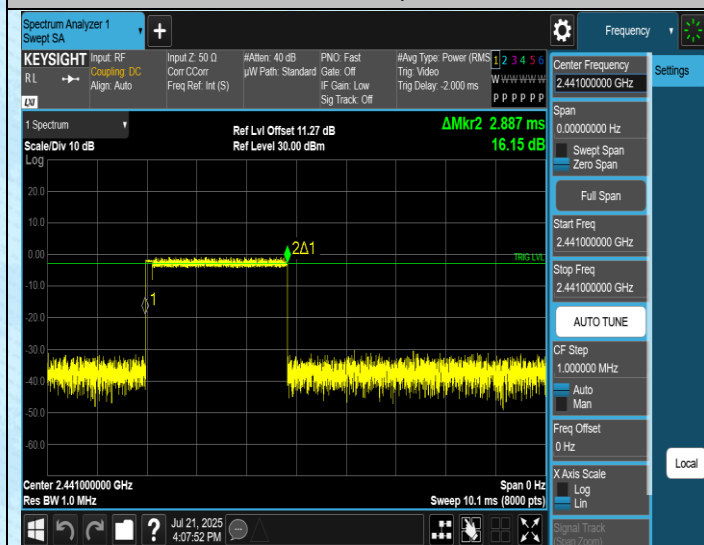




3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



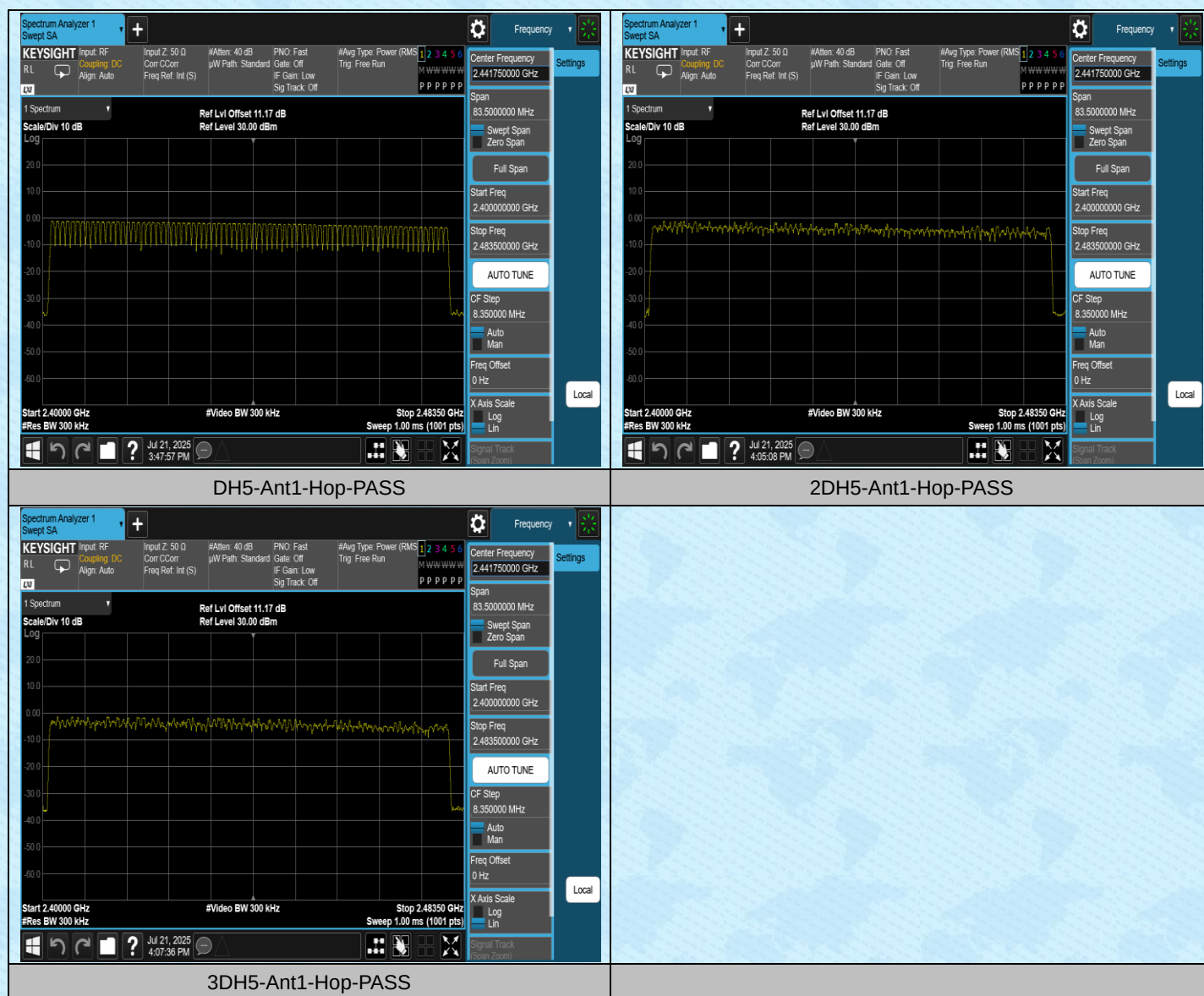
3DH5-Ant1-Hop-PASS

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

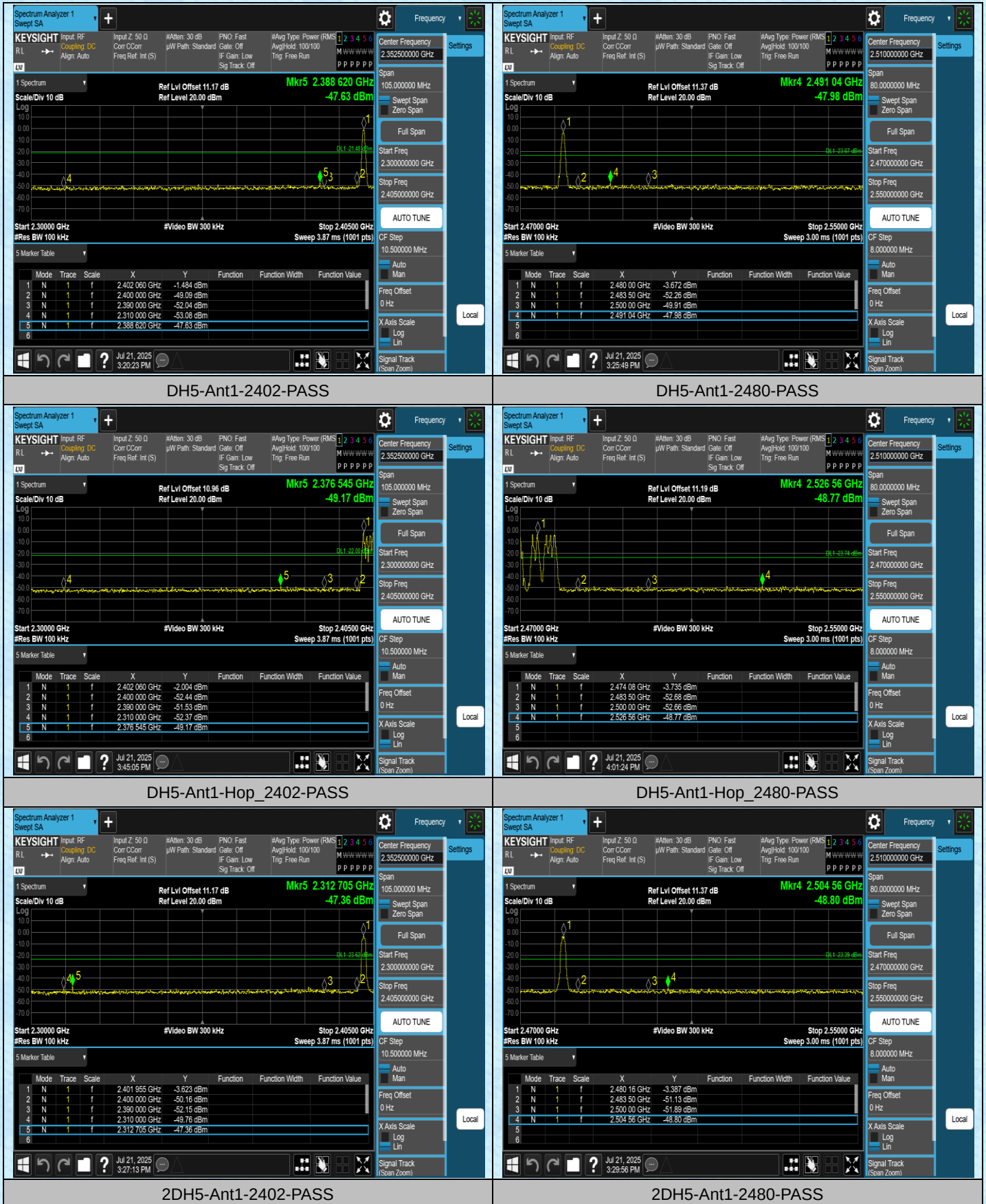


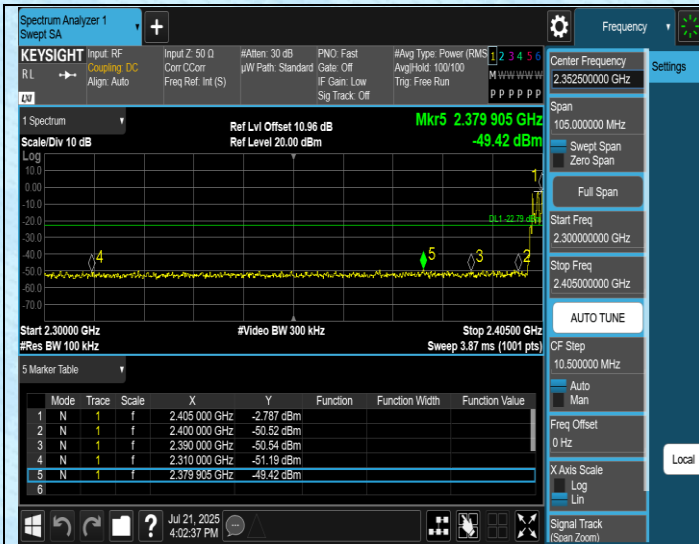
AppendixG:Band edge measurements

Test Result

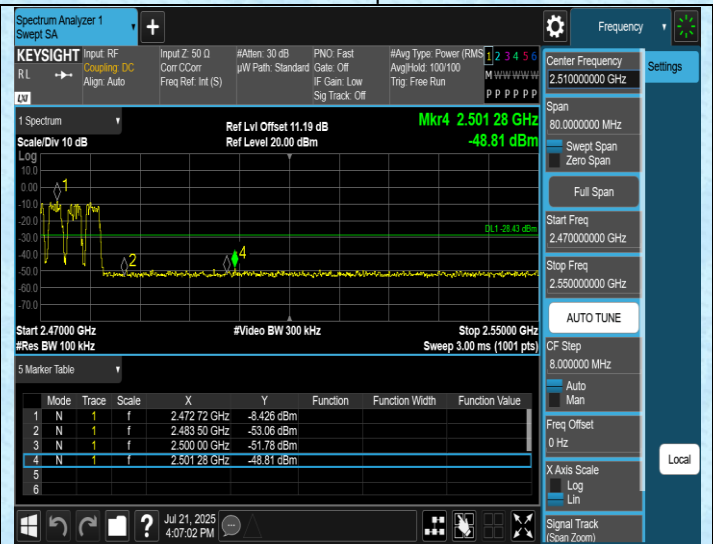
Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.48	-47.63	≤-21.48	PASS
DH5	Ant1	High	2480	-3.67	-47.98	≤-23.67	PASS
DH5	Ant1	Low	Hop_2402	-2.00	-49.17	≤-22	PASS
DH5	Ant1	High	Hop_2480	-3.74	-48.77	≤-23.74	PASS
2DH5	Ant1	Low	2402	-3.62	-47.37	≤-23.62	PASS
2DH5	Ant1	High	2480	-3.39	-48.8	≤-23.39	PASS
2DH5	Ant1	Low	Hop_2402	-2.79	-49.42	≤-22.79	PASS
2DH5	Ant1	High	Hop_2480	-8.43	-48.81	≤-28.43	PASS
3DH5	Ant1	Low	2402	-2.32	-48.22	≤-22.32	PASS
3DH5	Ant1	High	2480	-4.38	-48.63	≤-24.38	PASS
3DH5	Ant1	Low	Hop_2402	-5.34	-48.85	≤-25.34	PASS
3DH5	Ant1	High	Hop_2480	-7.31	-49.17	≤-27.31	PASS

Test Graphs





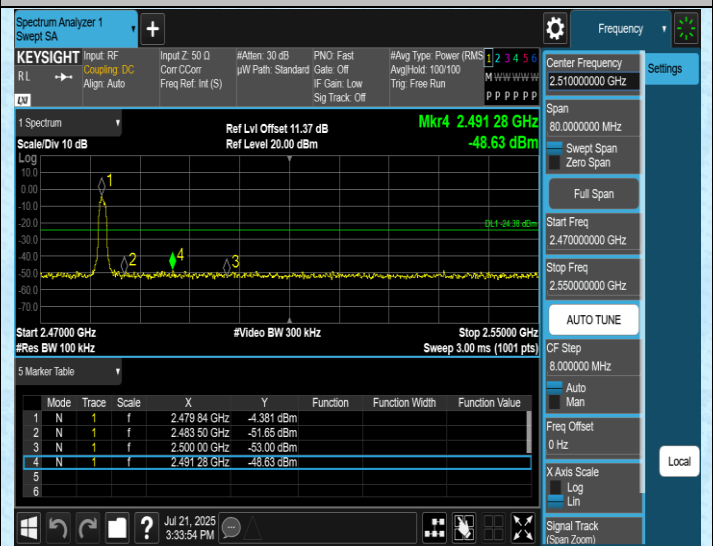
2DH5-Ant1-Hop_2402-PASS



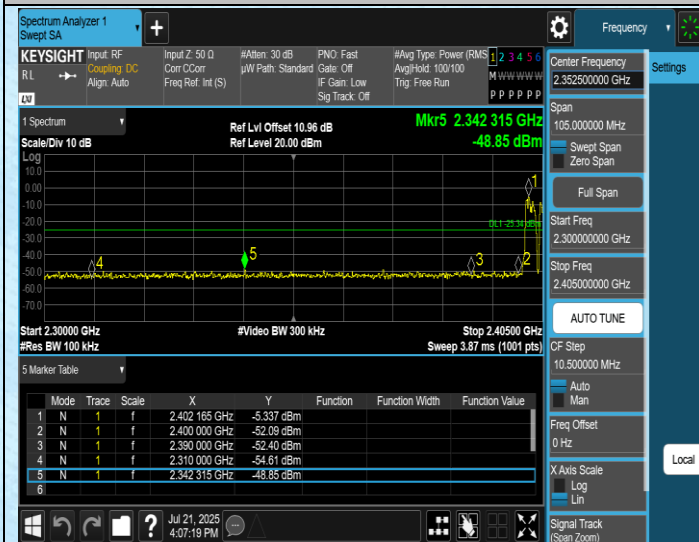
2DH5-Ant1-Hop_2480-PASS



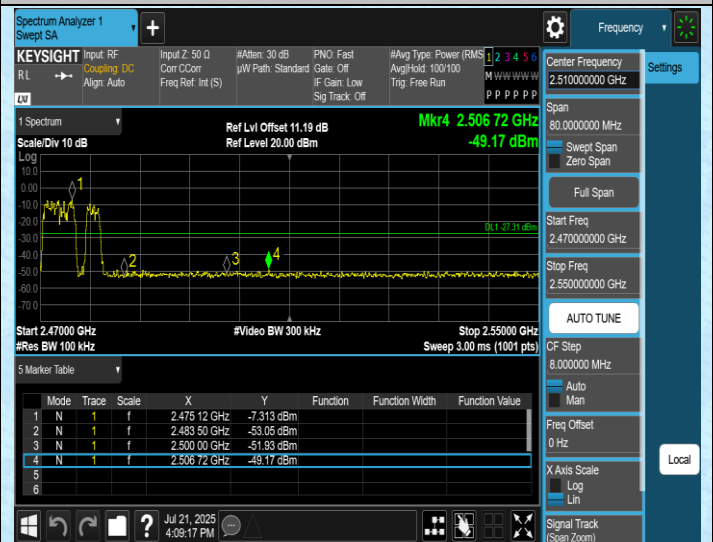
3DH5-Ant1-2402-PASS



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	-0.97	-0.97	---	PASS
DH5	Ant1	2402	30~1000	-0.97	-62.41	≤-20.97	PASS
DH5	Ant1	2402	1000~26500	-0.97	-42.94	≤-20.97	PASS
DH5	Ant1	2441	0~Reference	-1.84	-1.84	---	PASS
DH5	Ant1	2441	30~1000	-1.84	-62.64	≤-21.84	PASS
DH5	Ant1	2441	1000~26500	-1.84	-42.74	≤-21.84	PASS
DH5	Ant1	2480	0~Reference	-3.30	-3.30	---	PASS
DH5	Ant1	2480	30~1000	-3.30	-61.83	≤-23.3	PASS
DH5	Ant1	2480	1000~26500	-3.30	-43.12	≤-23.3	PASS
2DH5	Ant1	2402	0~Reference	-1.08	-1.08	---	PASS
2DH5	Ant1	2402	30~1000	-1.08	-62.19	≤-21.08	PASS
2DH5	Ant1	2402	1000~26500	-1.08	-43.07	≤-21.08	PASS
2DH5	Ant1	2441	0~Reference	-1.85	-1.85	---	PASS
2DH5	Ant1	2441	30~1000	-1.85	-61.93	≤-21.85	PASS
2DH5	Ant1	2441	1000~26500	-1.85	-42.5	≤-21.85	PASS
2DH5	Ant1	2480	0~Reference	-3.33	-3.33	---	PASS
2DH5	Ant1	2480	30~1000	-3.33	-62.64	≤-23.33	PASS
2DH5	Ant1	2480	1000~26500	-3.33	-42.28	≤-23.33	PASS
3DH5	Ant1	2402	0~Reference	-1.00	-1.00	---	PASS
3DH5	Ant1	2402	30~1000	-1.00	-62.53	≤-21	PASS
3DH5	Ant1	2402	1000~26500	-1.00	-41.98	≤-21	PASS
3DH5	Ant1	2441	0~Reference	-1.78	-1.78	---	PASS
3DH5	Ant1	2441	30~1000	-1.78	-61.89	≤-21.78	PASS
3DH5	Ant1	2441	1000~26500	-1.78	-42.34	≤-21.78	PASS
3DH5	Ant1	2480	0~Reference	-3.27	-3.27	---	PASS
3DH5	Ant1	2480	30~1000	-3.27	-61.93	≤-23.27	PASS
3DH5	Ant1	2480	1000~26500	-3.27	-43.08	≤-23.27	PASS