

AppendixA: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.861	2401.550	2402.411	---	---
DH5	Ant1	2441	0.816	2440.595	2441.411	---	---
DH5	Ant1	2480	0.864	2479.547	2480.411	---	---
2DH5	Ant1	2402	1.317	2401.340	2402.657	---	---
2DH5	Ant1	2441	1.326	2440.337	2441.663	---	---
2DH5	Ant1	2480	1.320	2479.340	2480.660	---	---
3DH5	Ant1	2402	1.287	2401.352	2402.639	---	---
3DH5	Ant1	2441	1.311	2440.349	2441.660	---	---
3DH5	Ant1	2480	1.320	2479.343	2480.663	---	---

Test Graphs



DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



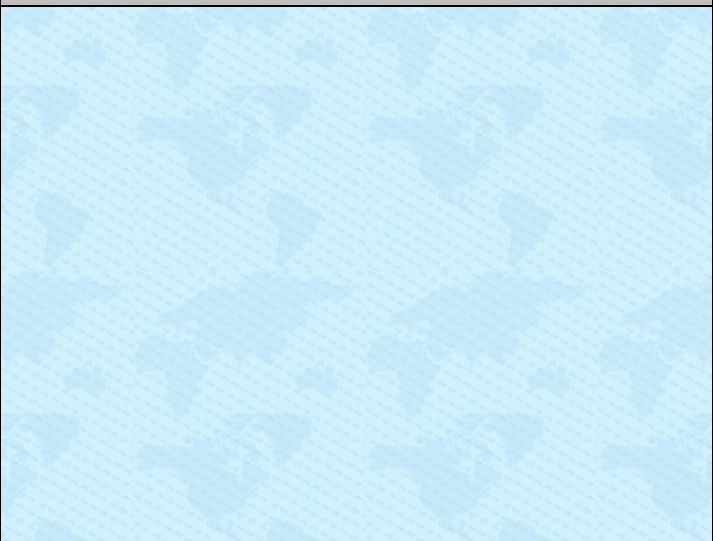
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



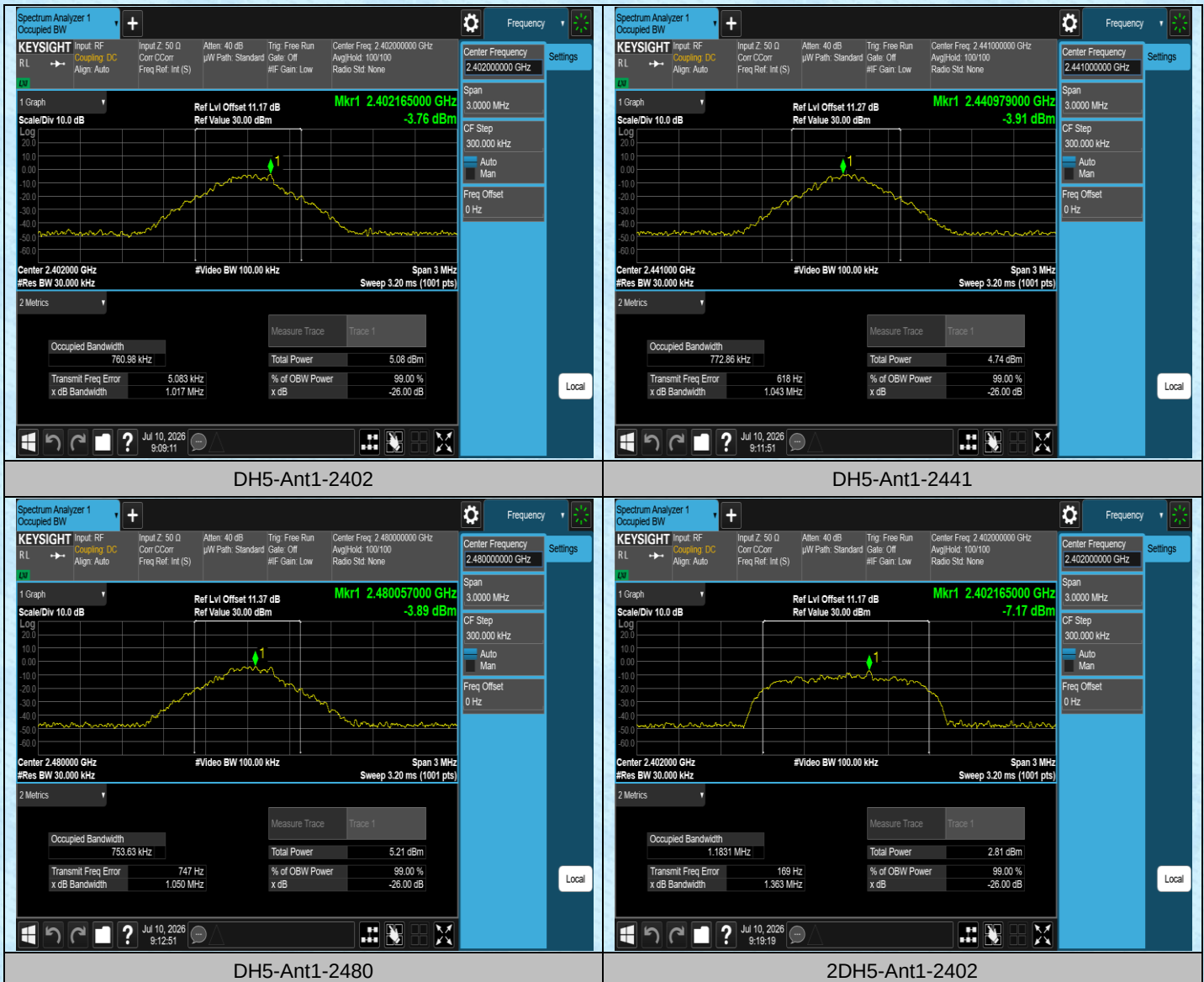
3DH5-Ant1-2480

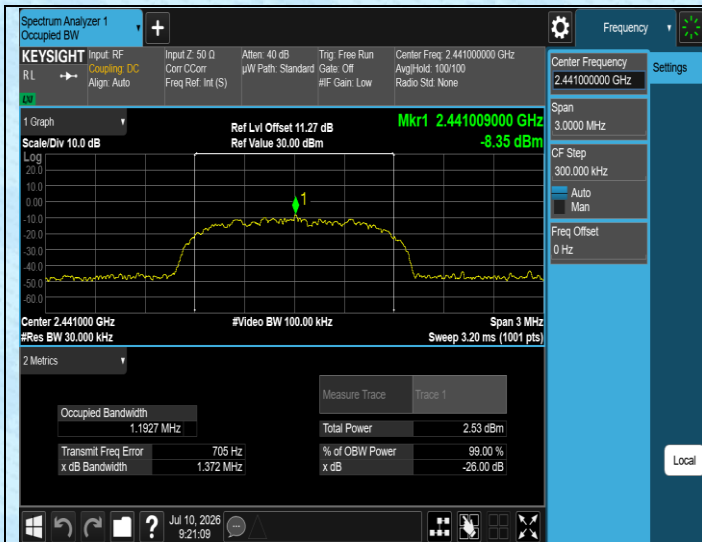
AppendixB: Occupied Channel Bandwidth

Test Result

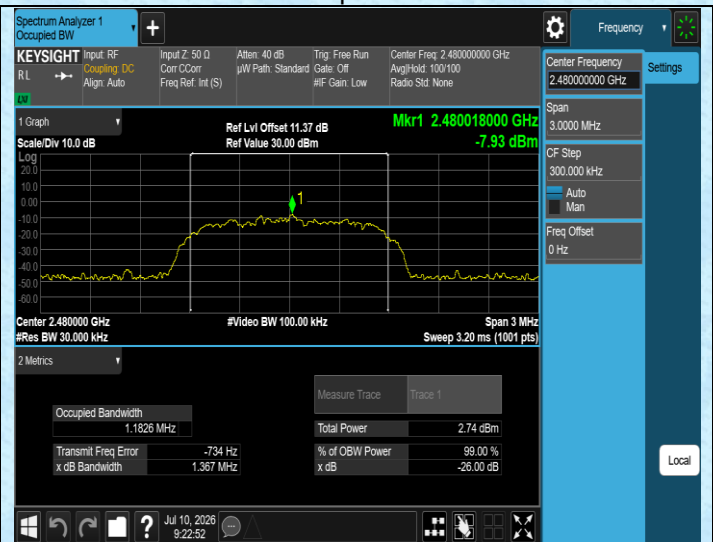
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.76098	2401.6246	2402.3856	---	---
DH5	Ant1	2441	0.77286	2440.6142	2441.3871	---	---
DH5	Ant1	2480	0.75363	2479.6239	2480.3776	---	---
2DH5	Ant1	2402	1.1831	2401.4086	2402.5917	---	---
2DH5	Ant1	2441	1.1927	2440.4044	2441.5971	---	---
2DH5	Ant1	2480	1.1826	2479.4080	2480.5906	---	---
3DH5	Ant1	2402	1.1964	2401.4016	2402.5980	---	---
3DH5	Ant1	2441	1.1852	2440.4086	2441.5938	---	---
3DH5	Ant1	2480	1.1817	2479.4074	2480.5891	---	---

Test Graphs

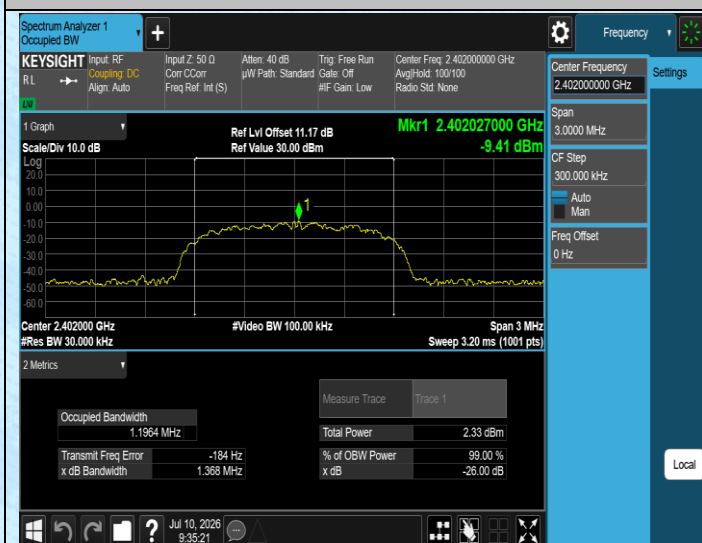




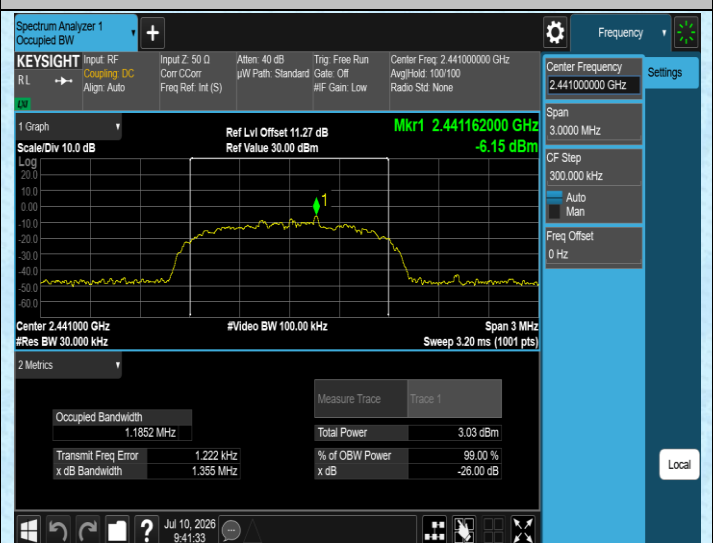
2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



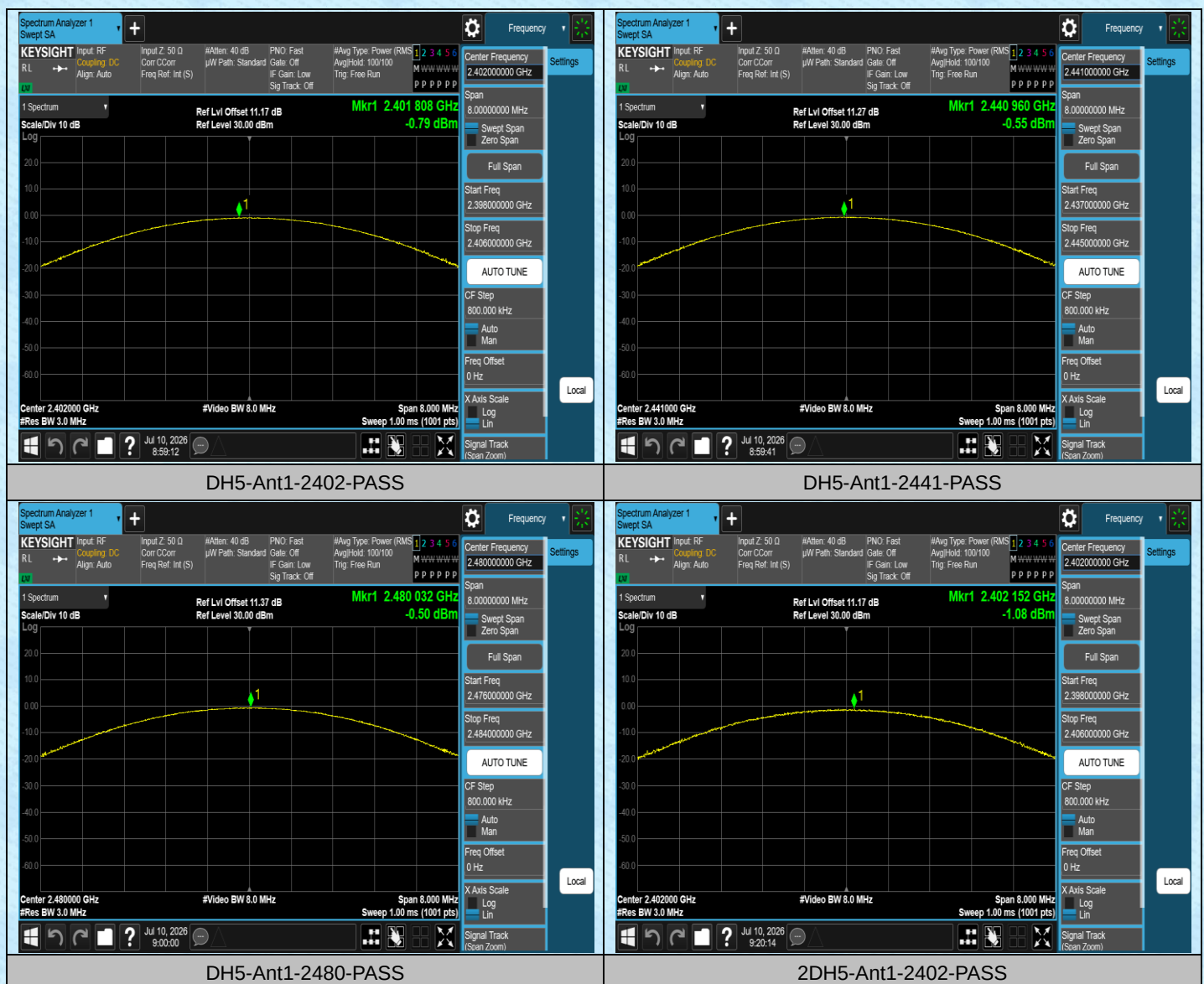
3DH5-Ant1-2480

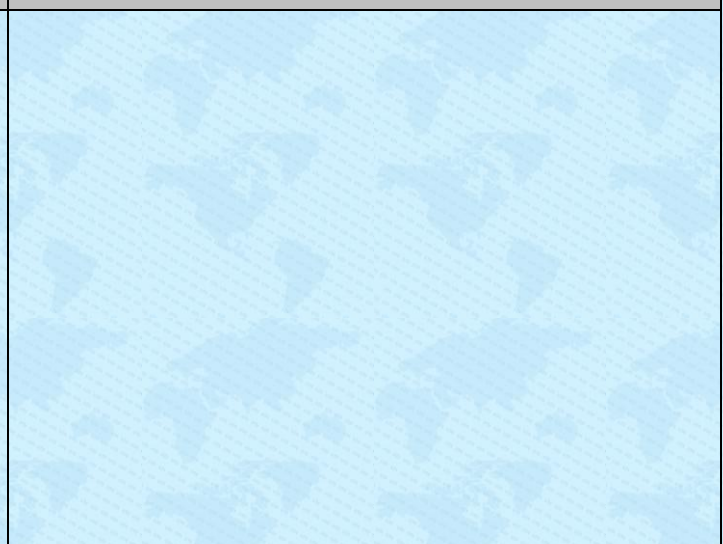
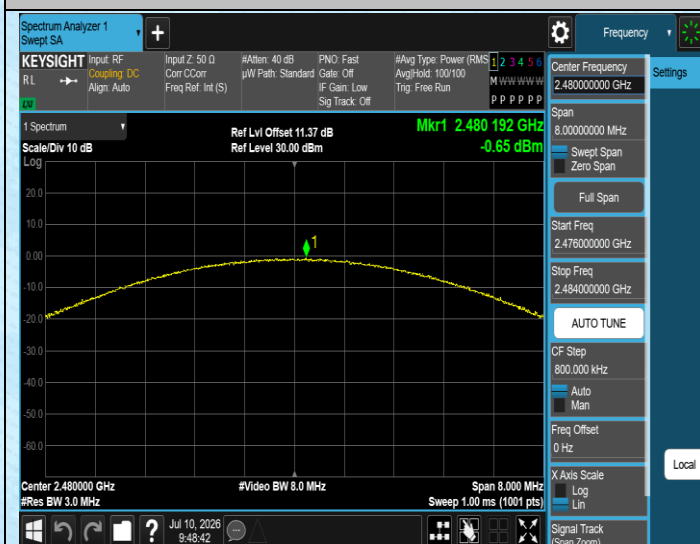
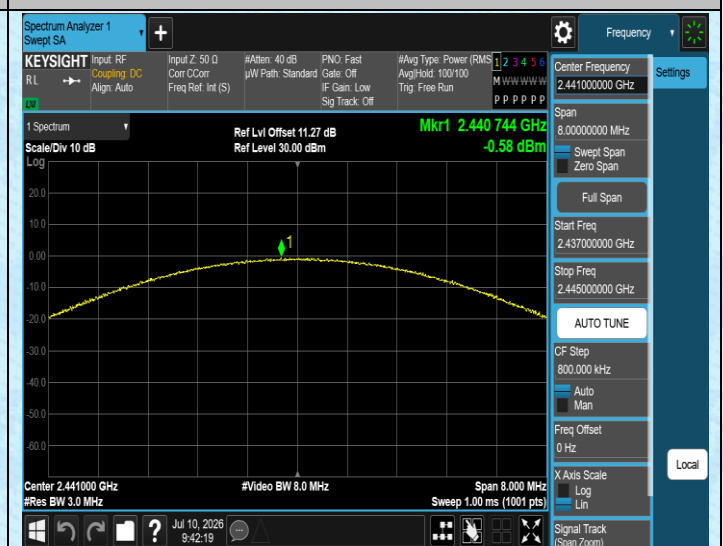
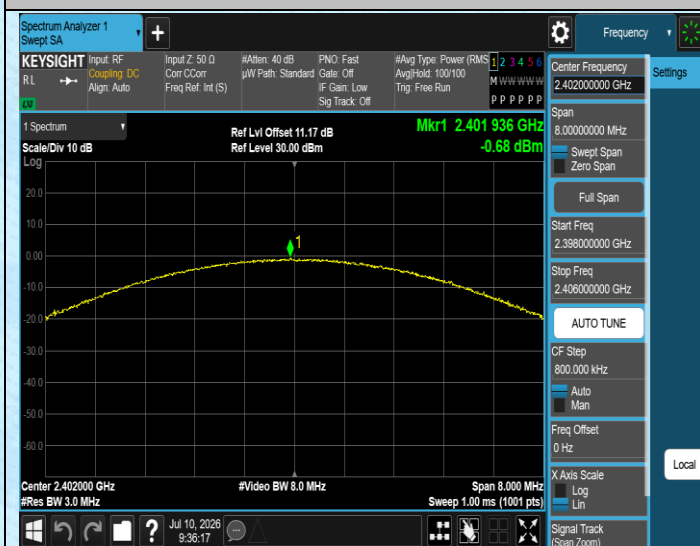
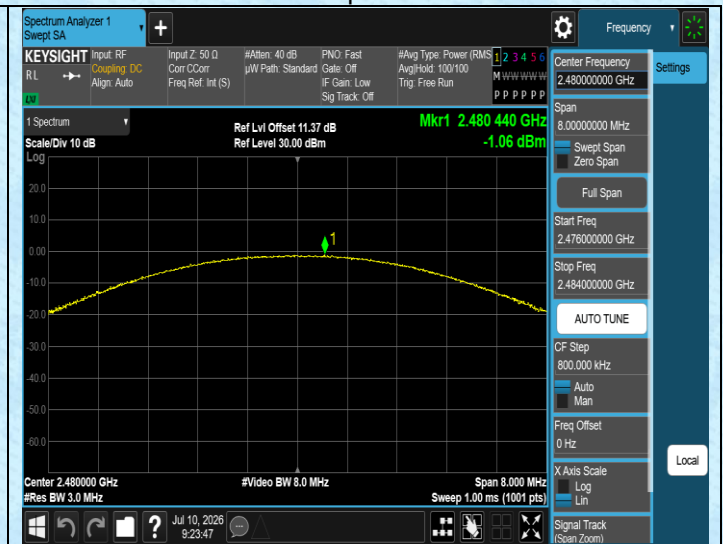
AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.79	≤30	PASS
DH5	Ant1	2441	-0.55	≤30	PASS
DH5	Ant1	2480	-0.50	≤30	PASS
2DH5	Ant1	2402	-1.08	≤20.97	PASS
2DH5	Ant1	2441	-0.76	≤20.97	PASS
2DH5	Ant1	2480	-1.06	≤20.97	PASS
3DH5	Ant1	2402	-0.68	≤20.97	PASS
3DH5	Ant1	2441	-0.58	≤20.97	PASS
3DH5	Ant1	2480	-0.65	≤20.97	PASS

Test Graphs



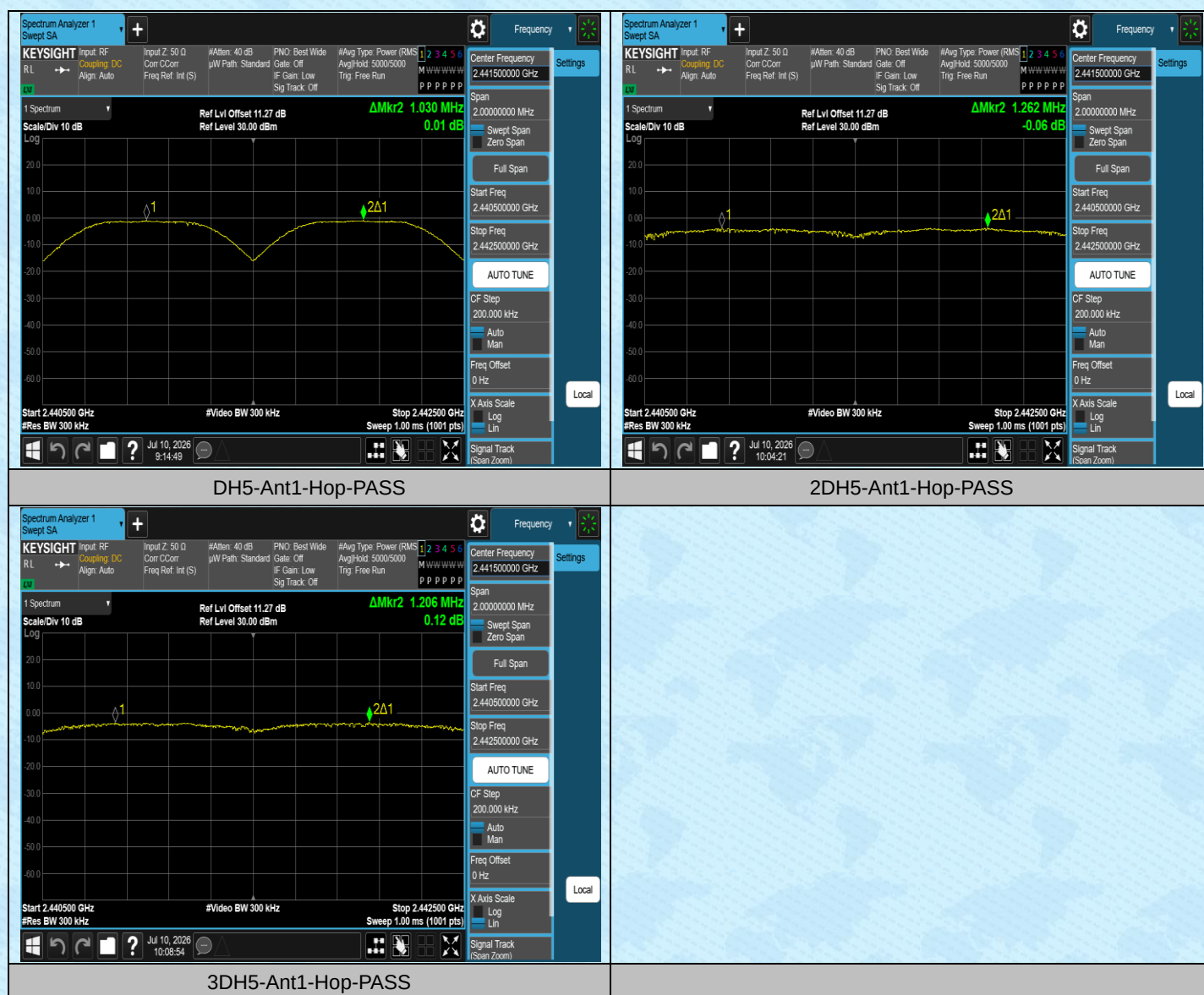


AppendixD: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.03	≥ 0.864	PASS
2DH5	Ant1	Hop	1.262	≥ 0.884	PASS
3DH5	Ant1	Hop	1.206	≥ 0.880	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	0.377	320	0.121	≤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	0.384	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	1.634	160	0.261	≤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

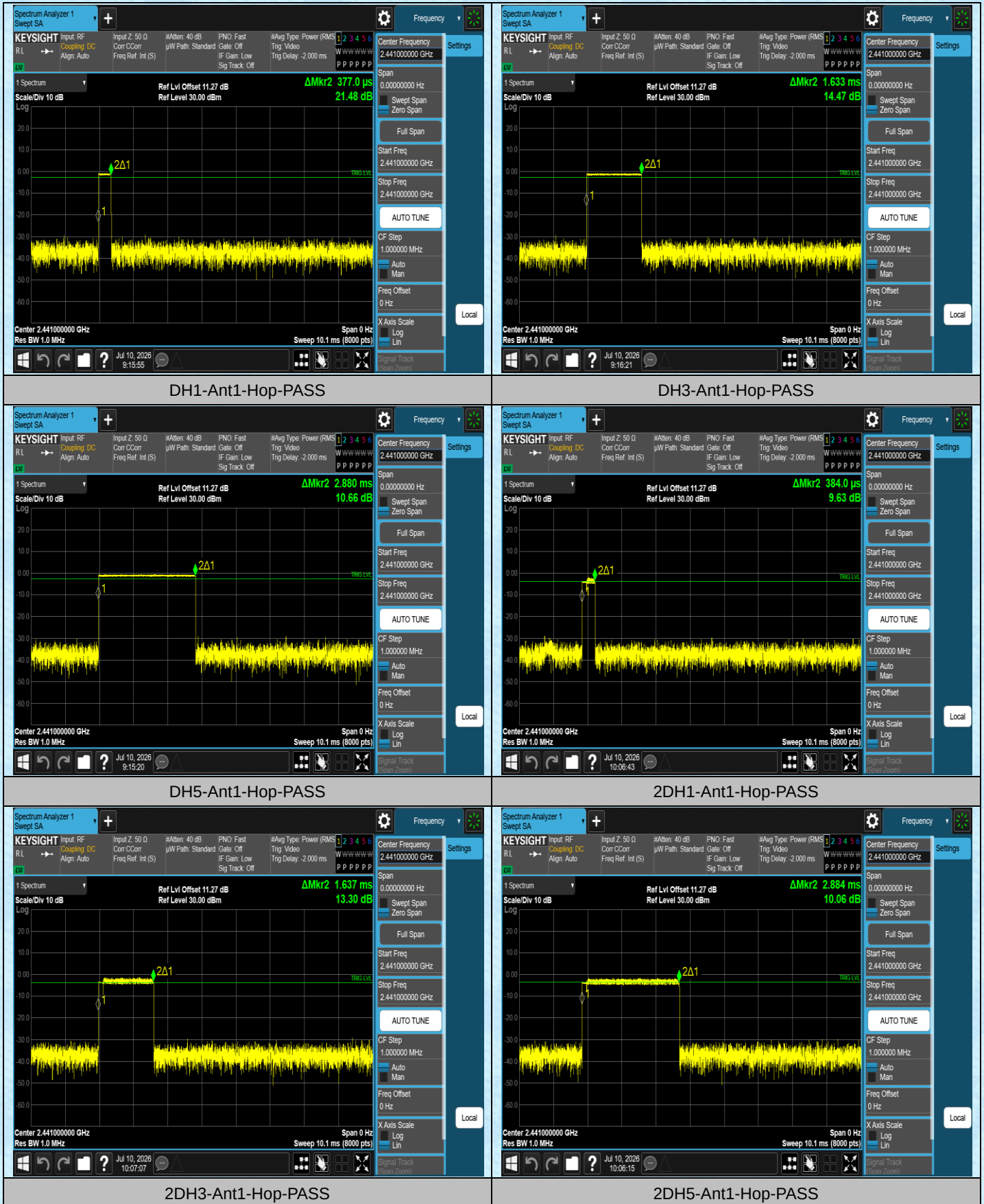
DH3/2DH3/3DH3: TotalHops=1600/79/4*0.4*79

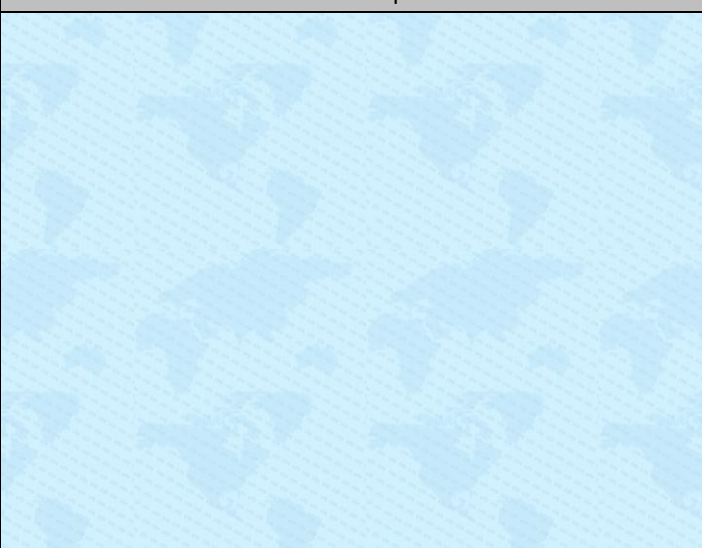
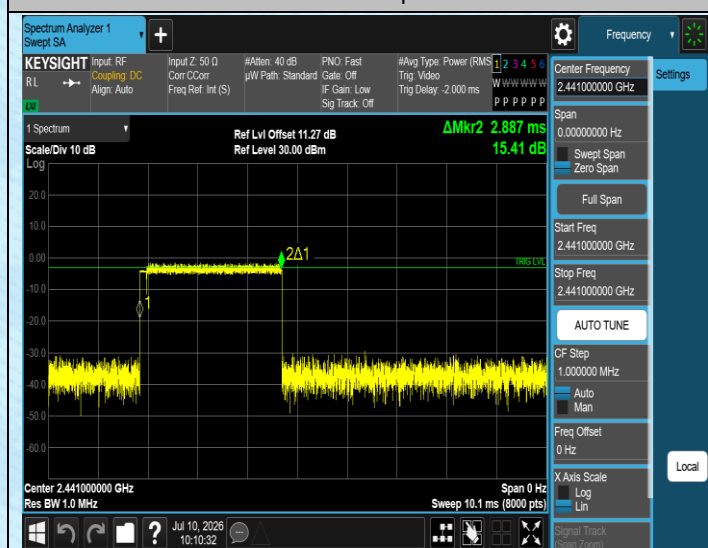
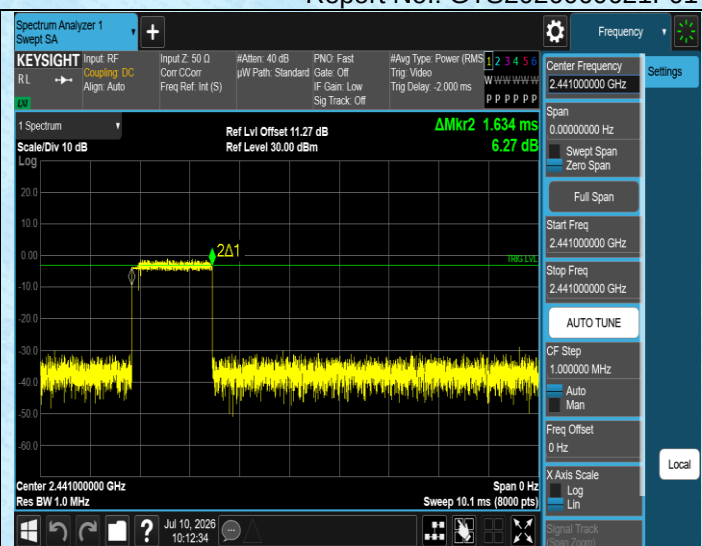
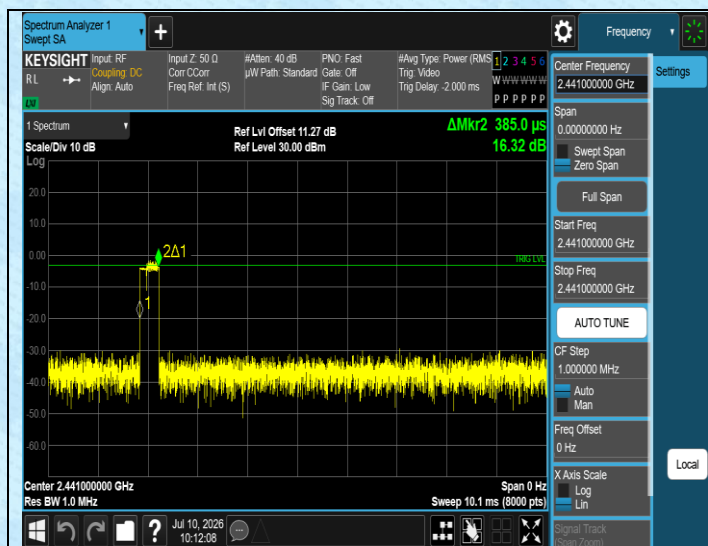
DH3/2DH3/3DH3: Time of occupancy= TotalHops * (BurstWidth) /1000

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

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

Test Graphs



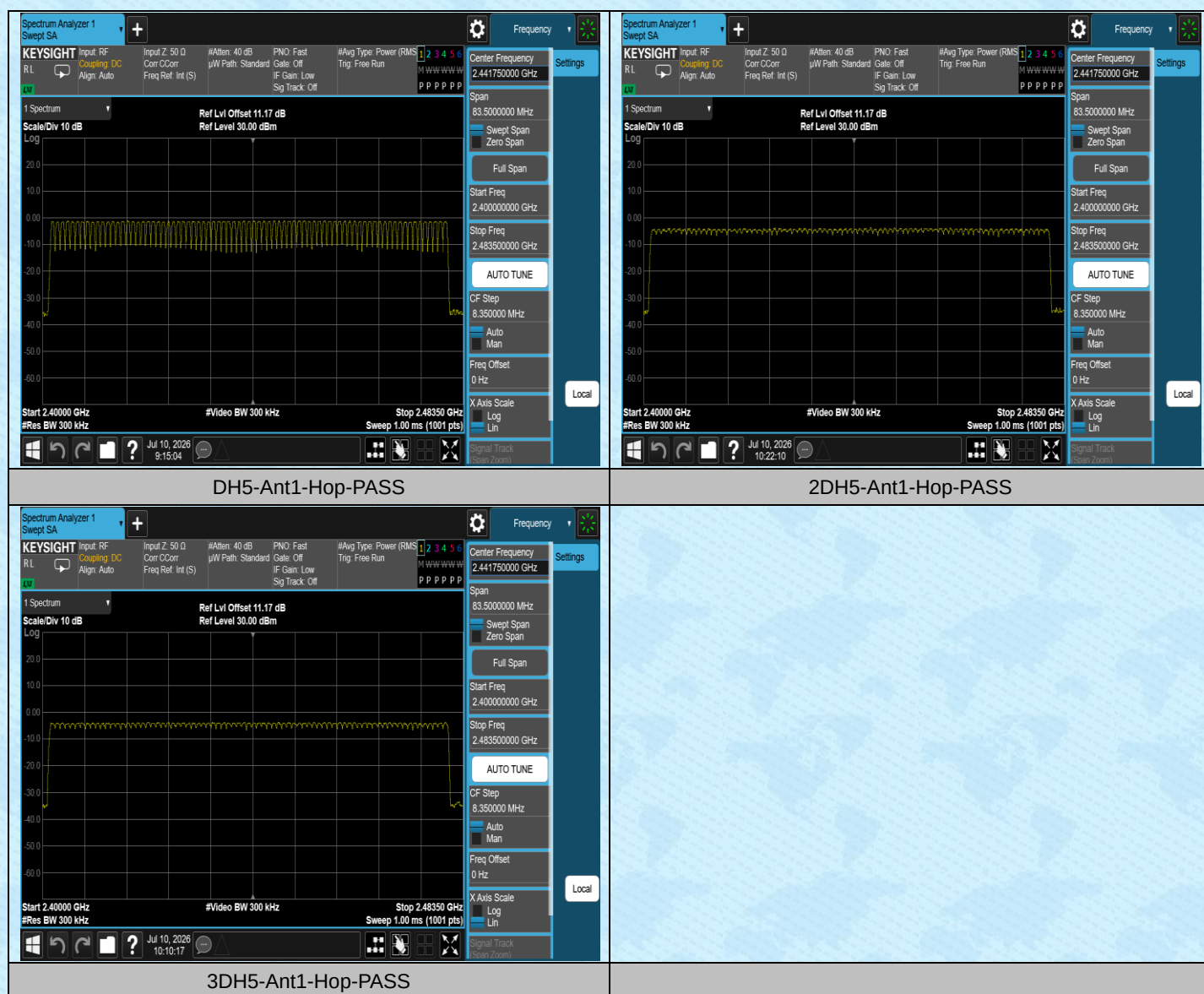


AppendixF: Number of hopping channels

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

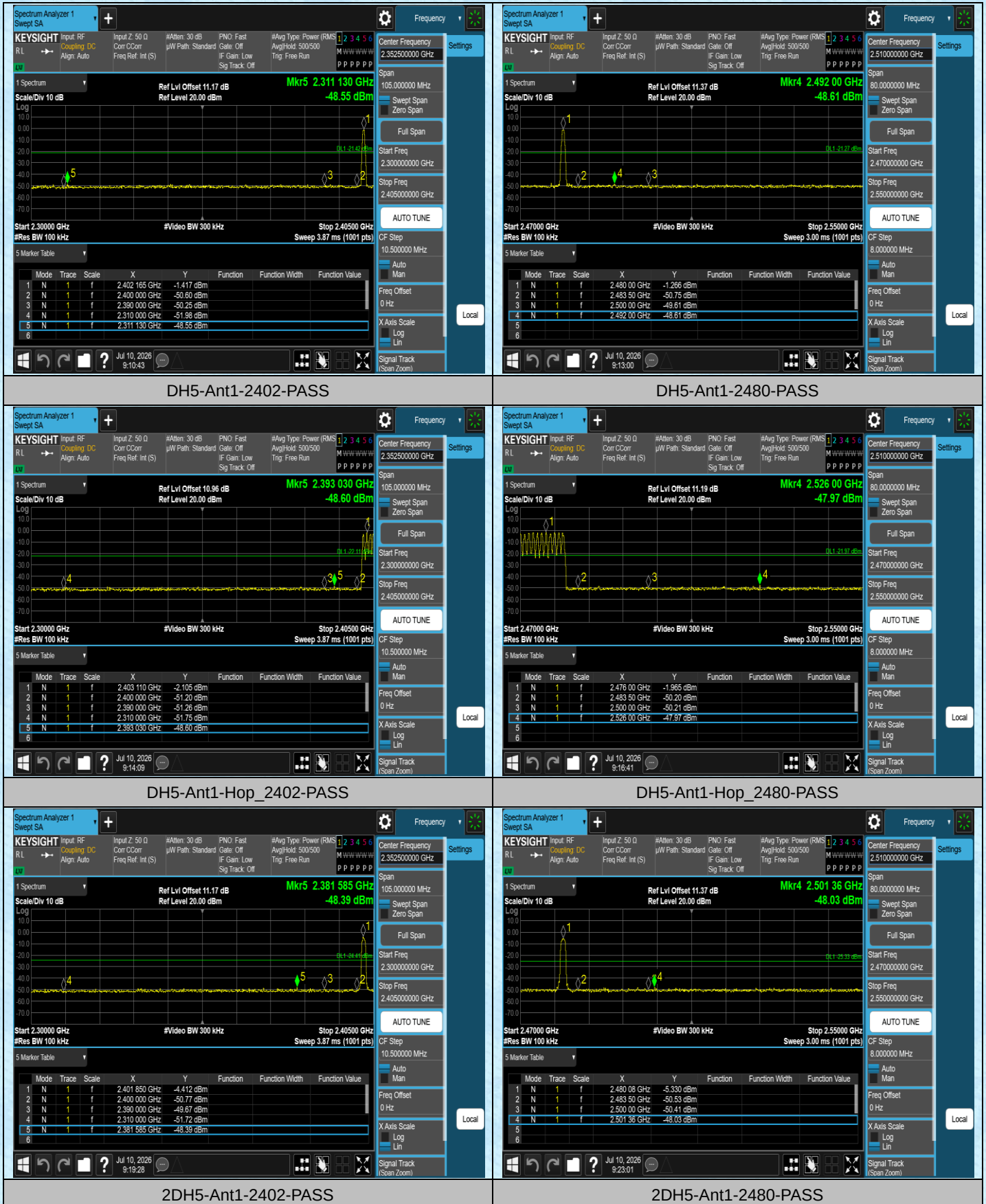
Test Graphs

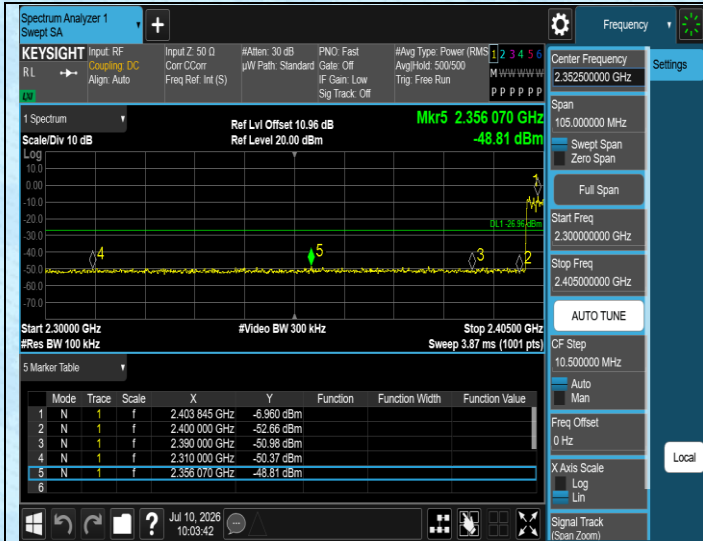


AppendixG:Band edge measurements**Test Result**

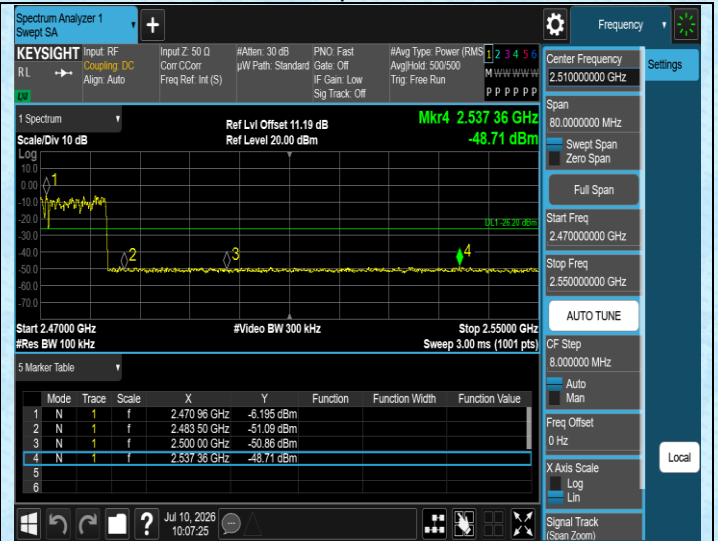
Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.42	-48.55	≤-21.42	PASS
DH5	Ant1	High	2480	-1.27	-48.61	≤-21.27	PASS
DH5	Ant1	Low	Hop_2402	-2.11	-48.61	≤-22.11	PASS
DH5	Ant1	High	Hop_2480	-1.97	-47.97	≤-21.97	PASS
2DH5	Ant1	Low	2402	-4.41	-48.39	≤-24.41	PASS
2DH5	Ant1	High	2480	-5.33	-48.03	≤-25.33	PASS
2DH5	Ant1	Low	Hop_2402	-6.96	-48.81	≤-26.96	PASS
2DH5	Ant1	High	Hop_2480	-6.20	-48.71	≤-26.2	PASS
3DH5	Ant1	Low	2402	-4.44	-48.52	≤-24.44	PASS
3DH5	Ant1	High	2480	-4.73	-48.45	≤-24.73	PASS
3DH5	Ant1	Low	Hop_2402	-6.58	-48.23	≤-26.58	PASS
3DH5	Ant1	High	Hop_2480	-5.00	-47.75	≤-25	PASS

Test Graphs





2DH5-Ant1-Hop_2402-PASS



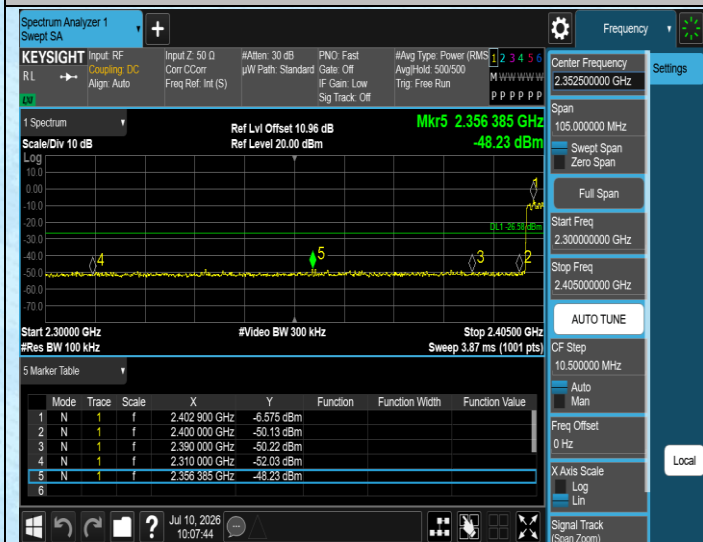
2DH5-Ant1-Hop_2480-PASS



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	-1.40	-1.40	---	PASS
DH5	Ant1	2402	30~1000	-1.40	-62.99	≤-21.4	PASS
DH5	Ant1	2402	1000~26500	-1.40	-43.44	≤-21.4	PASS
DH5	Ant1	2441	0~Reference	-1.19	-1.19	---	PASS
DH5	Ant1	2441	30~1000	-1.19	-62.55	≤-21.19	PASS
DH5	Ant1	2441	1000~26500	-1.19	-42.68	≤-21.19	PASS
DH5	Ant1	2480	0~Reference	-1.29	-1.29	---	PASS
DH5	Ant1	2480	30~1000	-1.29	-61.83	≤-21.29	PASS
DH5	Ant1	2480	1000~26500	-1.29	-43.25	≤-21.29	PASS
2DH5	Ant1	2402	0~Reference	-4.24	-4.24	---	PASS
2DH5	Ant1	2402	30~1000	-4.24	-63.2	≤-24.24	PASS
2DH5	Ant1	2402	1000~26500	-4.24	-43.52	≤-24.24	PASS
2DH5	Ant1	2441	0~Reference	-4.04	-4.04	---	PASS
2DH5	Ant1	2441	30~1000	-4.04	-62.56	≤-24.04	PASS
2DH5	Ant1	2441	1000~26500	-4.04	-43.46	≤-24.04	PASS
2DH5	Ant1	2480	0~Reference	-4.04	-4.04	---	PASS
2DH5	Ant1	2480	30~1000	-4.04	-62.31	≤-24.04	PASS
2DH5	Ant1	2480	1000~26500	-4.04	-43.78	≤-24.04	PASS
3DH5	Ant1	2402	0~Reference	-4.28	-4.28	---	PASS
3DH5	Ant1	2402	30~1000	-4.28	-62.65	≤-24.28	PASS
3DH5	Ant1	2402	1000~26500	-4.28	-43.95	≤-24.28	PASS
3DH5	Ant1	2441	0~Reference	-4.09	-4.09	---	PASS
3DH5	Ant1	2441	30~1000	-4.09	-62.23	≤-24.09	PASS
3DH5	Ant1	2441	1000~26500	-4.09	-42.74	≤-24.09	PASS
3DH5	Ant1	2480	0~Reference	-4.09	-4.09	---	PASS
3DH5	Ant1	2480	30~1000	-4.09	-61.9	≤-24.09	PASS
3DH5	Ant1	2480	1000~26500	-4.09	-43.57	≤-24.09	PASS