

AppendixA: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.945	2401.544	2402.489	---	---
DH5	Ant1	2441	0.945	2440.544	2441.489	---	---
DH5	Ant1	2480	0.945	2479.547	2480.492	---	---
2DH5	Ant1	2402	1.323	2401.349	2402.672	---	---
2DH5	Ant1	2441	1.332	2440.343	2441.675	---	---
2DH5	Ant1	2480	1.326	2479.346	2480.672	---	---
3DH5	Ant1	2402	1.308	2401.355	2402.663	---	---
3DH5	Ant1	2441	1.308	2440.358	2441.666	---	---
3DH5	Ant1	2480	1.311	2479.358	2480.669	---	---

Test Graphs





2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

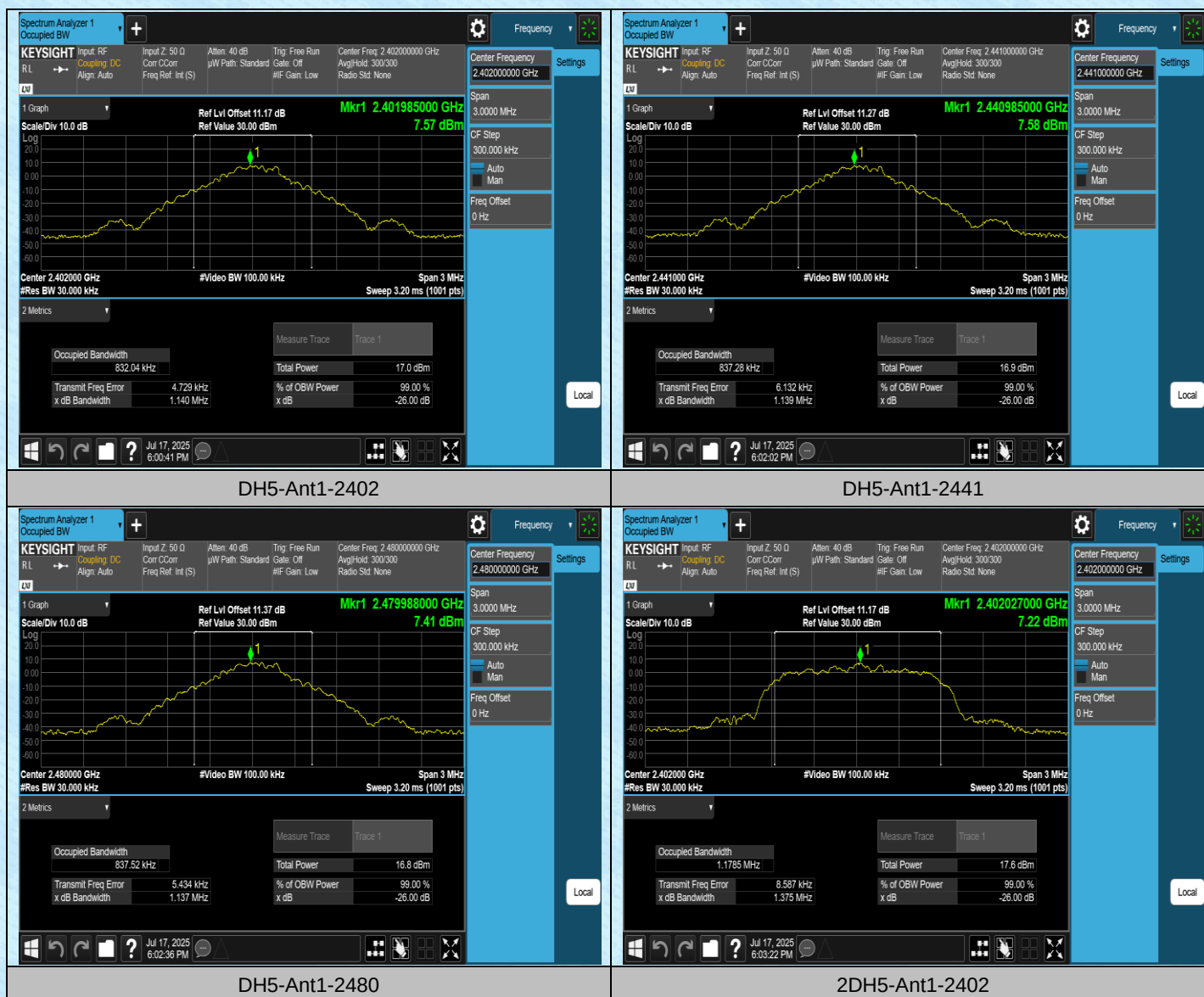


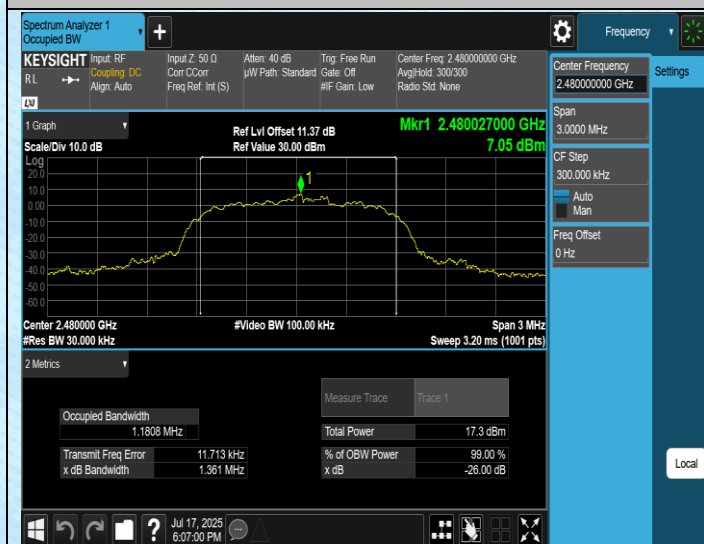
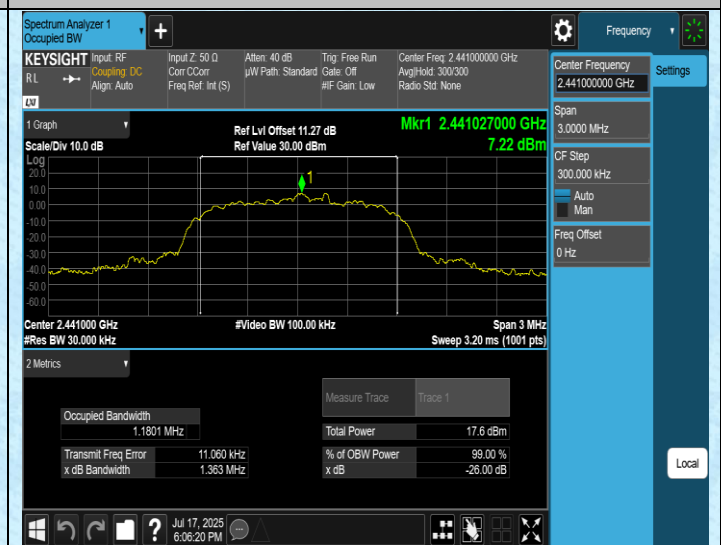
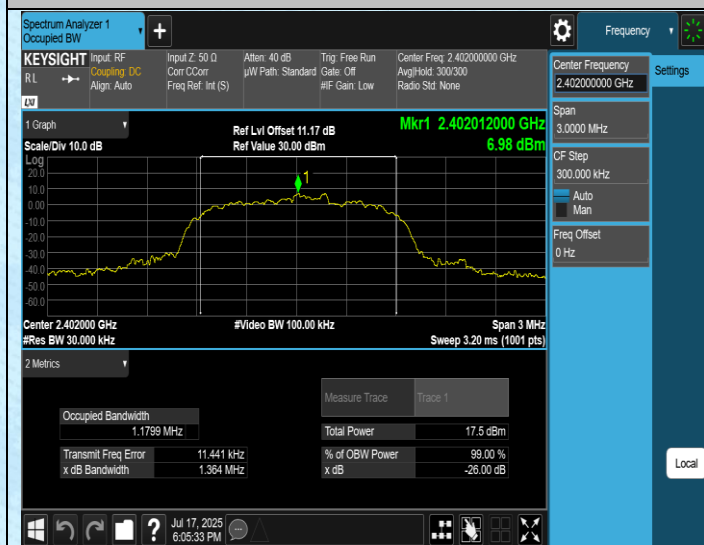
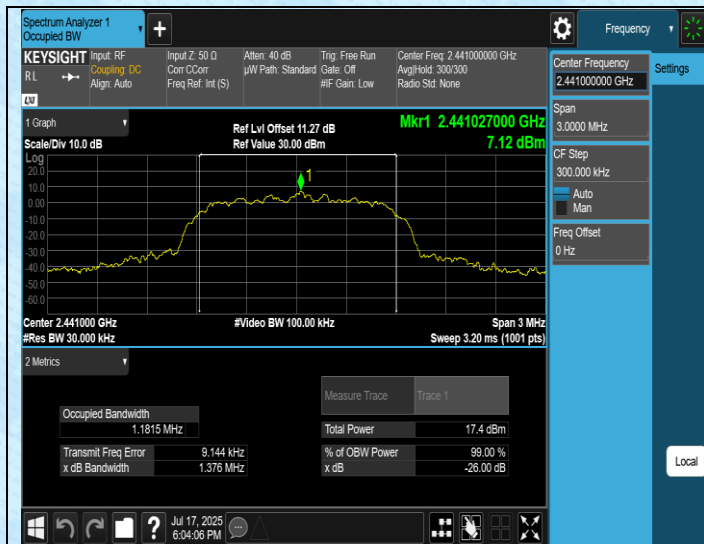
AppendixB: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.83204	2401.5887	2402.4208	---	---
DH5	Ant1	2441	0.83728	2440.5875	2441.4248	---	---
DH5	Ant1	2480	0.83752	2479.5867	2480.4242	---	---
2DH5	Ant1	2402	1.1785	2401.4193	2402.5978	---	---
2DH5	Ant1	2441	1.1815	2440.4184	2441.5999	---	---
2DH5	Ant1	2480	1.1816	2479.4185	2480.6001	---	---
3DH5	Ant1	2402	1.1799	2401.4215	2402.6014	---	---
3DH5	Ant1	2441	1.1801	2440.4210	2441.6011	---	---
3DH5	Ant1	2480	1.1808	2479.4213	2480.6021	---	---

Test Graphs



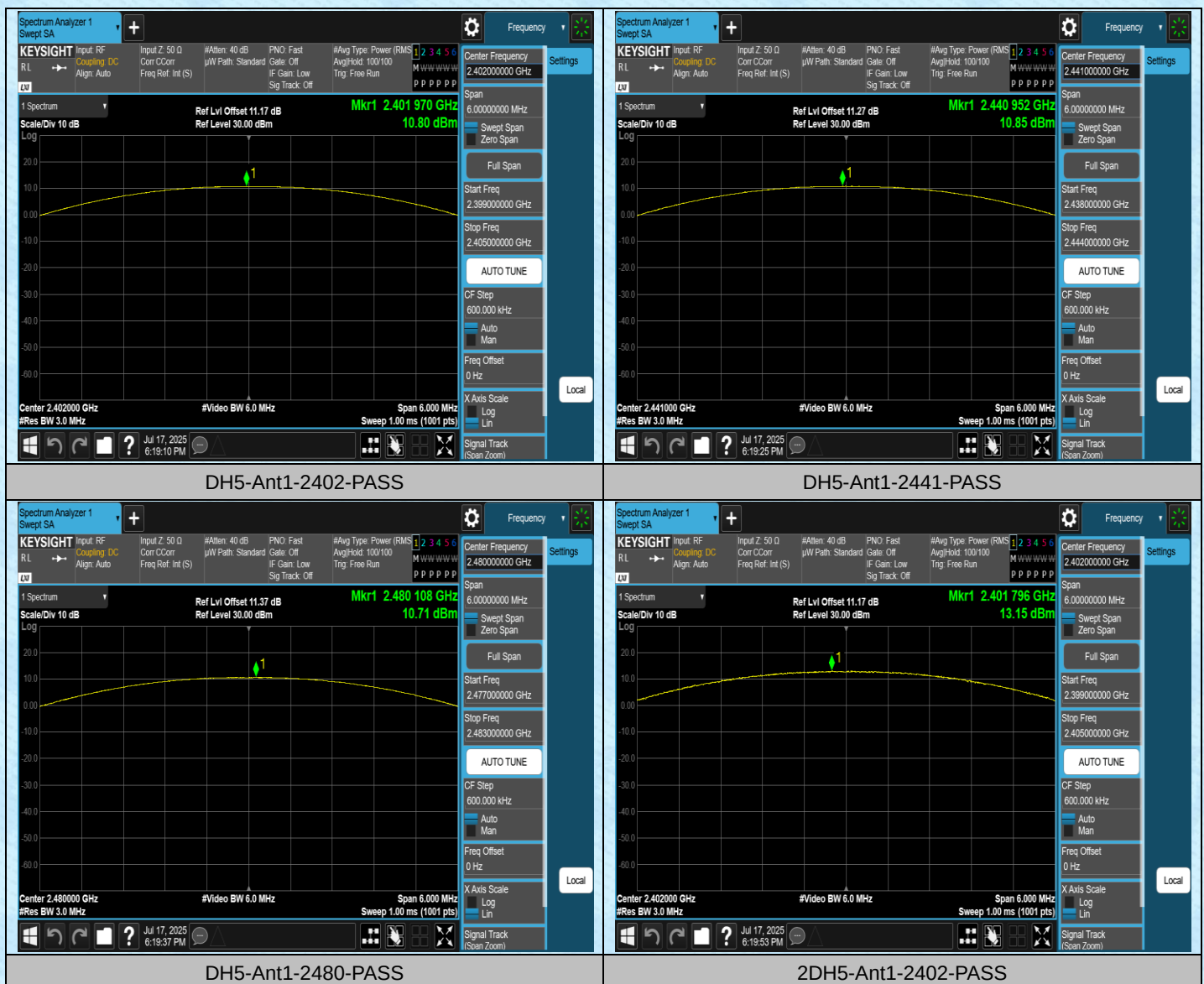


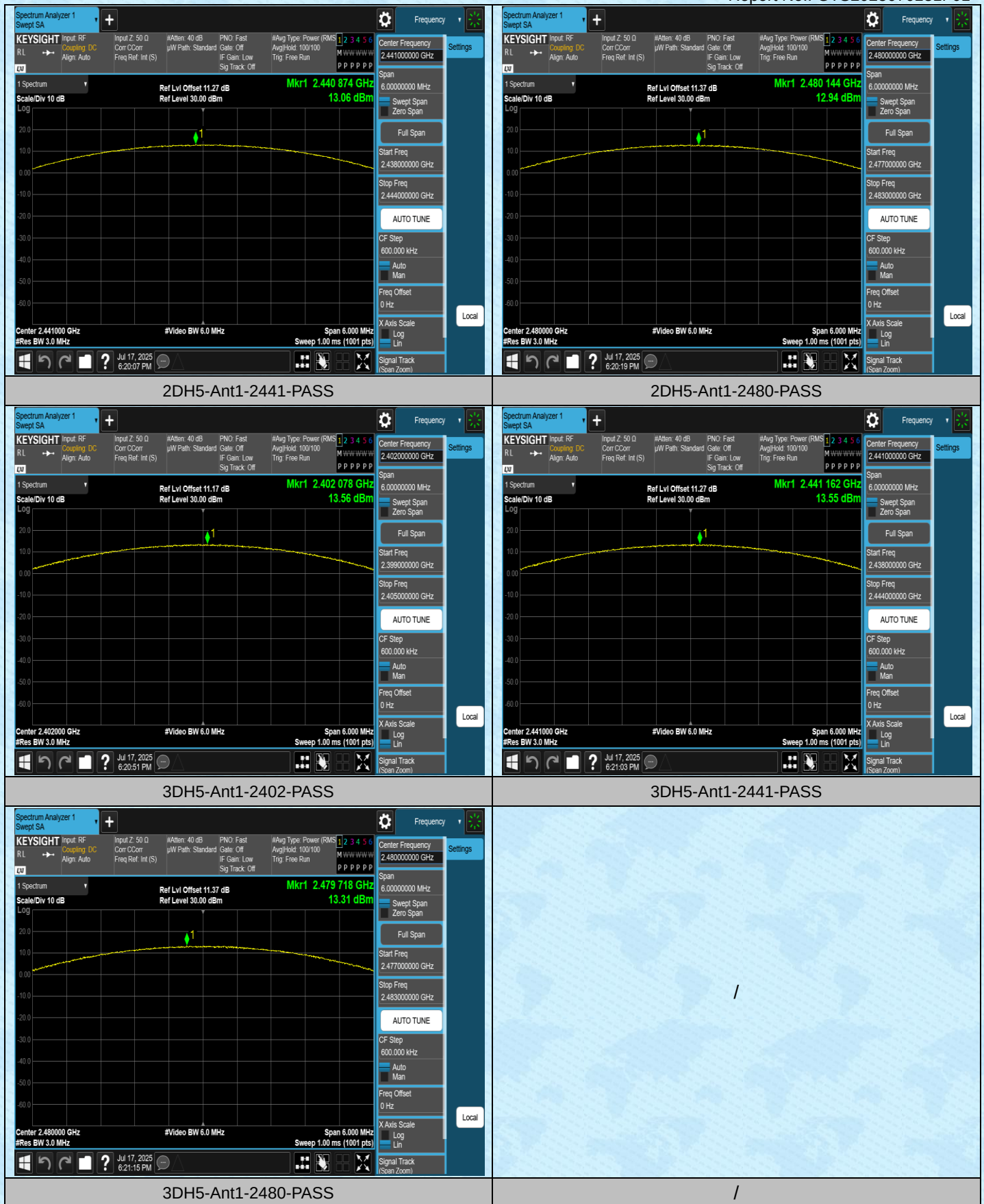
AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	10.8	≤30	PASS
DH5	Ant1	2441	10.85	≤30	PASS
DH5	Ant1	2480	10.71	≤30	PASS
2DH5	Ant1	2402	13.15	≤20.97	PASS
2DH5	Ant1	2441	13.06	≤20.97	PASS
2DH5	Ant1	2480	12.95	≤20.97	PASS
3DH5	Ant1	2402	13.56	≤20.97	PASS
3DH5	Ant1	2441	13.55	≤20.97	PASS
3DH5	Ant1	2480	13.31	≤20.97	PASS

Test Graphs



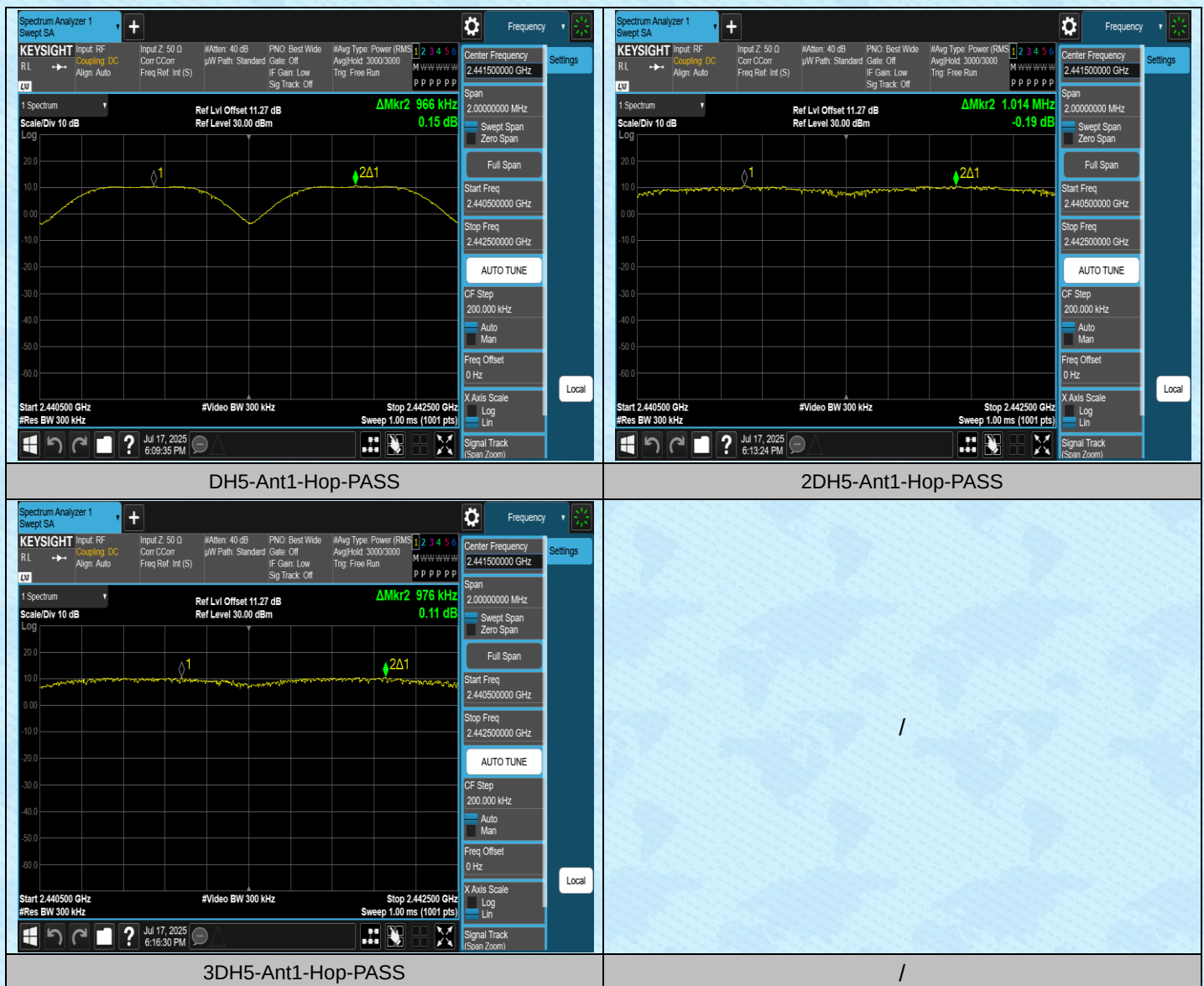


AppendixD: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.966	≥ 0.945	PASS
2DH5	Ant1	Hop	1.014	≥ 0.888	PASS
3DH5	Ant1	Hop	0.976	≥ 0.874	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	1.631	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	1.640	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.888	106.67	0.308	≤0.4	PASS
3DH1	Ant1	Hop	0.386	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

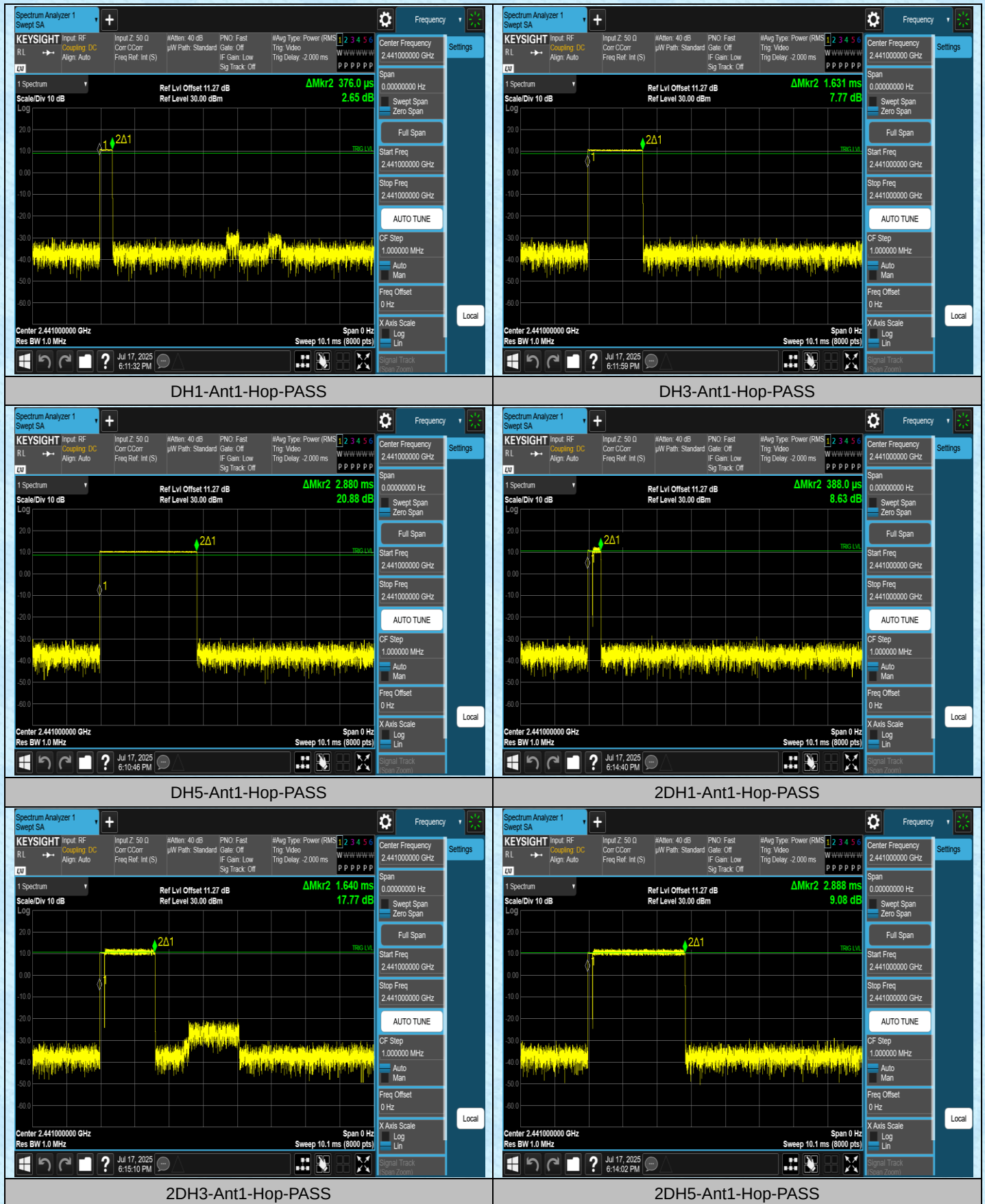
DH3/2DH3/3DH3:TotalHops=1600/79/4*0.4*79

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

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

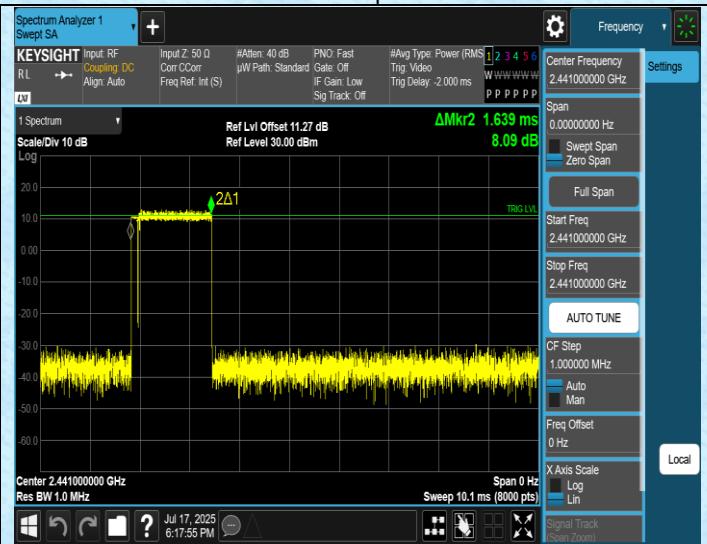
DH1/2DH1/3DH1: Time of occupancy= TotalHops * (BurstWidth) /1000

Test Graphs





3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



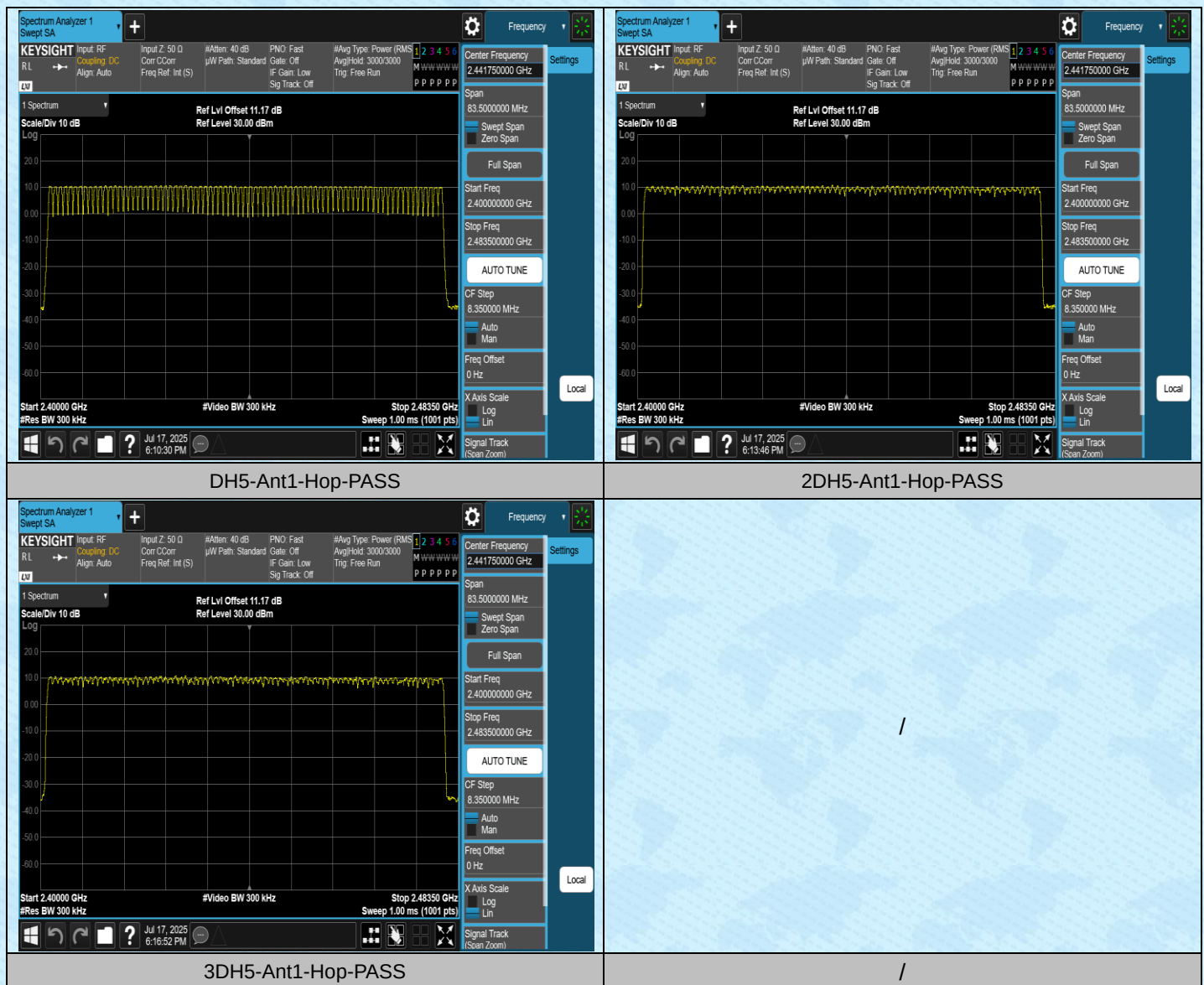
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AppendixF: Number of hopping channels

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

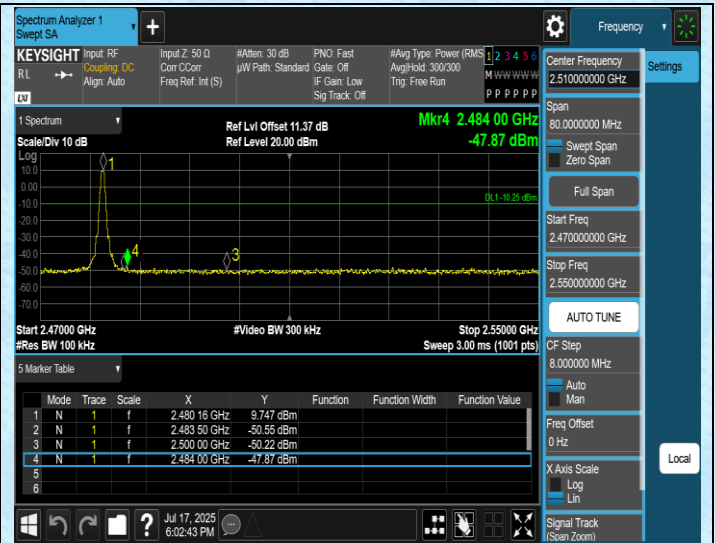
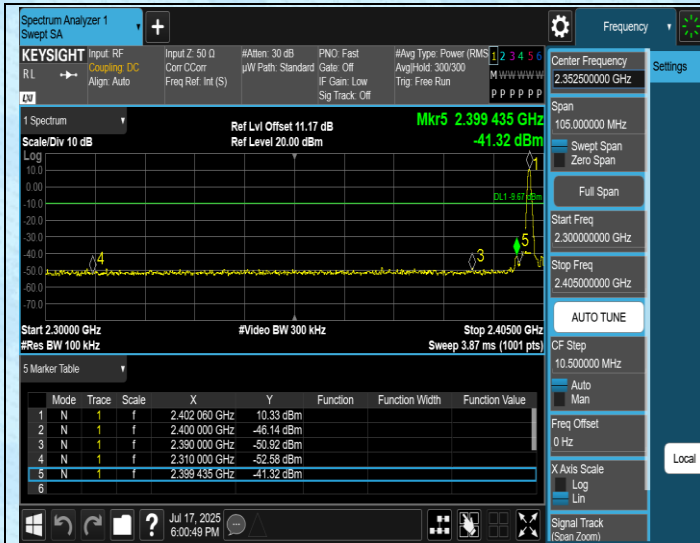


AppendixG:Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	10.33	-41.32	≤-9.67	PASS
DH5	Ant1	High	2480	9.75	-47.87	≤-10.25	PASS
DH5	Ant1	Low	Hop_2402	9.20	-48.45	≤-10.8	PASS
DH5	Ant1	High	Hop_2480	9.36	-49.04	≤-10.64	PASS
2DH5	Ant1	Low	2402	9.83	-42.59	≤-10.17	PASS
2DH5	Ant1	High	2480	9.84	-47.63	≤-10.16	PASS
2DH5	Ant1	Low	Hop_2402	9.80	-48.19	≤-10.2	PASS
2DH5	Ant1	High	Hop_2480	8.87	-48.87	≤-11.13	PASS
3DH5	Ant1	Low	2402	10.12	-42.31	≤-9.88	PASS
3DH5	Ant1	High	2480	9.95	-47.21	≤-10.05	PASS
3DH5	Ant1	Low	Hop_2402	7.68	-48.8	≤-12.32	PASS
3DH5	Ant1	High	Hop_2480	8.95	-48.16	≤-11.05	PASS

Test Graphs



DH5-Ant1-2402-PASS

DH5-Ant1-2480-PASS



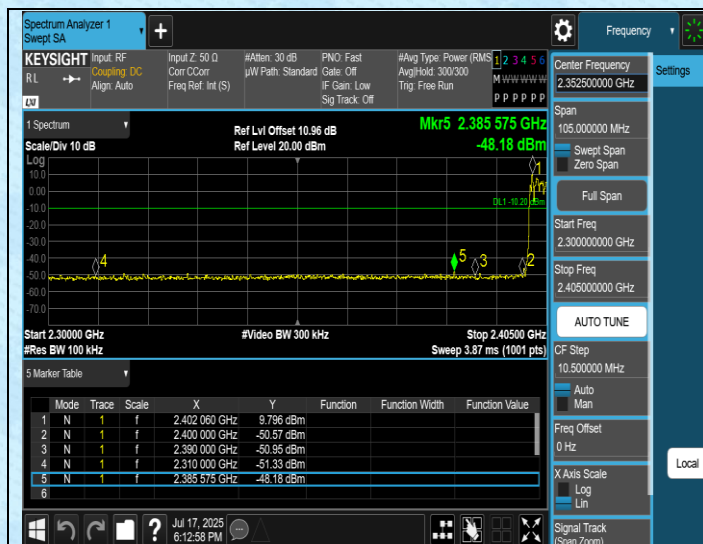
DH5-Ant1-Hop_2402-PASS

DH5-Ant1-Hop_2480-PASS

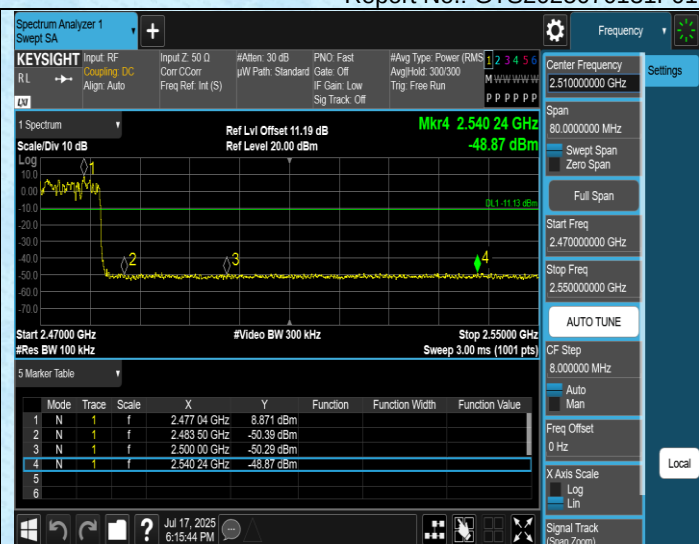


2DH5-Ant1-2402-PASS

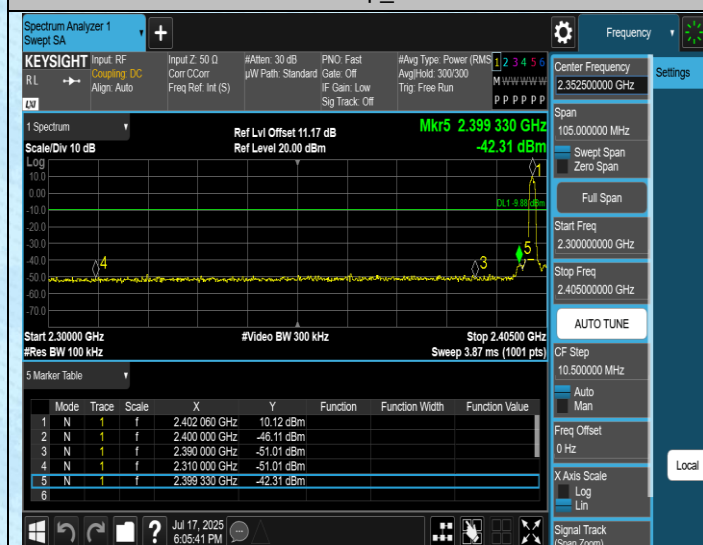
2DH5-Ant1-2480-PASS



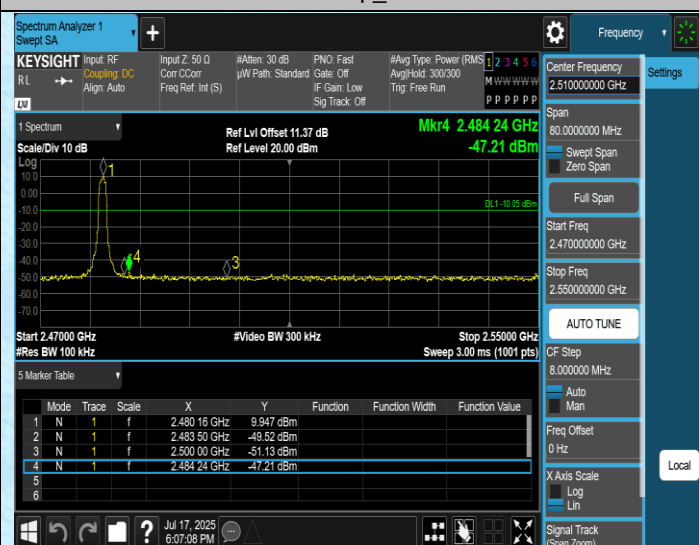
2DH5-Ant1-Hop 2402-PASS



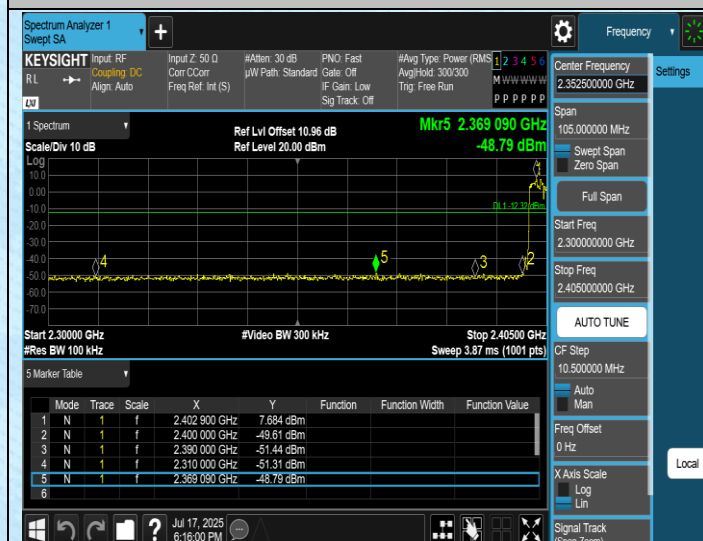
2DH5-Ant1-Hop 2480-PASS



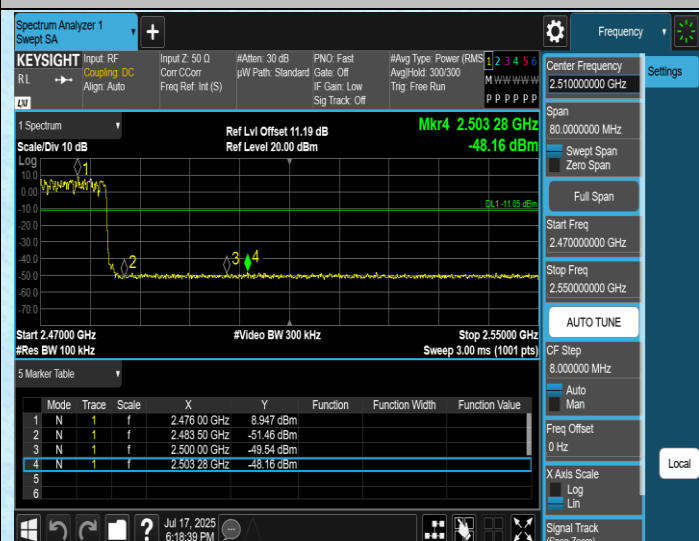
3DH5-Ant1-2402-PASS



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	10.41	10.41	---	PASS
DH5	Ant1	2402	30~1000	10.41	-47.24	≤-9.59	PASS
DH5	Ant1	2402	1000~26500	10.41	-43.1	≤-9.59	PASS
DH5	Ant1	2441	0~Reference	10.31	10.31	---	PASS
DH5	Ant1	2441	30~1000	10.31	-46.18	≤-9.69	PASS
DH5	Ant1	2441	1000~26500	10.31	-43.29	≤-9.69	PASS
DH5	Ant1	2480	0~Reference	10.03	10.03	---	PASS
DH5	Ant1	2480	30~1000	10.03	-45.85	≤-9.97	PASS
DH5	Ant1	2480	1000~26500	10.03	-42.37	≤-9.97	PASS
2DH5	Ant1	2402	0~Reference	9.65	9.65	---	PASS
2DH5	Ant1	2402	30~1000	9.65	-49.63	≤-10.35	PASS
2DH5	Ant1	2402	1000~26500	9.65	-42.98	≤-10.35	PASS
2DH5	Ant1	2441	0~Reference	10.55	10.55	---	PASS
2DH5	Ant1	2441	30~1000	10.55	-48.53	≤-9.45	PASS
2DH5	Ant1	2441	1000~26500	10.55	-42.98	≤-9.45	PASS
2DH5	Ant1	2480	0~Reference	9.27	9.27	---	PASS
2DH5	Ant1	2480	30~1000	9.27	-46.89	≤-10.73	PASS
2DH5	Ant1	2480	1000~26500	9.27	-42.65	≤-10.73	PASS
3DH5	Ant1	2402	0~Reference	10.03	10.03	---	PASS
3DH5	Ant1	2402	30~1000	10.03	-48.68	≤-9.97	PASS
3DH5	Ant1	2402	1000~26500	10.03	-43.03	≤-9.97	PASS
3DH5	Ant1	2441	0~Reference	10.50	10.50	---	PASS
3DH5	Ant1	2441	30~1000	10.50	-48.52	≤-9.5	PASS
3DH5	Ant1	2441	1000~26500	10.50	-43.21	≤-9.5	PASS
3DH5	Ant1	2480	0~Reference	10.26	10.26	---	PASS
3DH5	Ant1	2480	30~1000	10.26	-47.96	≤-9.74	PASS
3DH5	Ant1	2480	1000~26500	10.26	-43.88	≤-9.74	PASS