

AppendixA: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.951	2401.574	2402.525	---	---
DH5	Ant1	2441	0.891	2440.574	2441.465	---	---
DH5	Ant1	2480	0.942	2479.580	2480.522	---	---
2DH5	Ant1	2402	1.344	2401.370	2402.714	---	---
2DH5	Ant1	2441	1.338	2440.373	2441.711	---	---
2DH5	Ant1	2480	1.299	2479.409	2480.708	---	---
3DH5	Ant1	2402	1.338	2401.367	2402.705	---	---
3DH5	Ant1	2441	1.338	2440.373	2441.711	---	---
3DH5	Ant1	2480	1.308	2479.388	2480.696	---	---

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

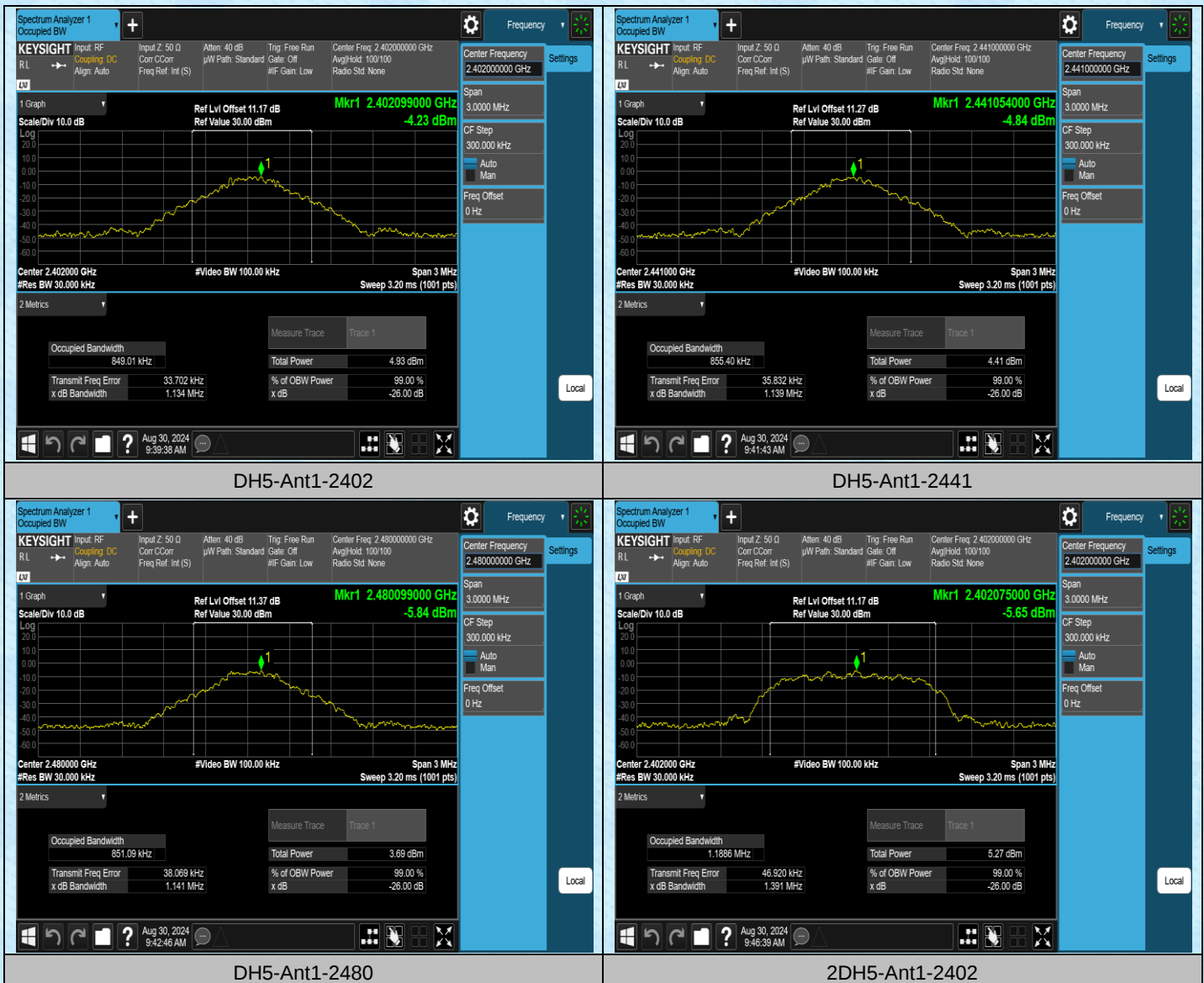


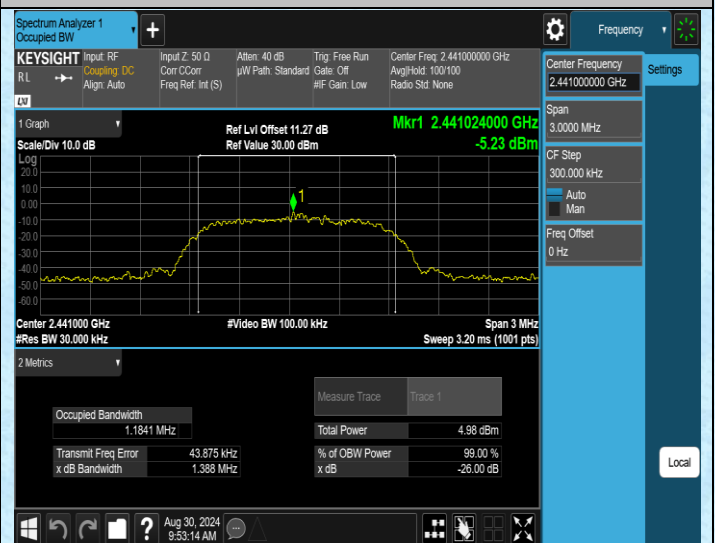
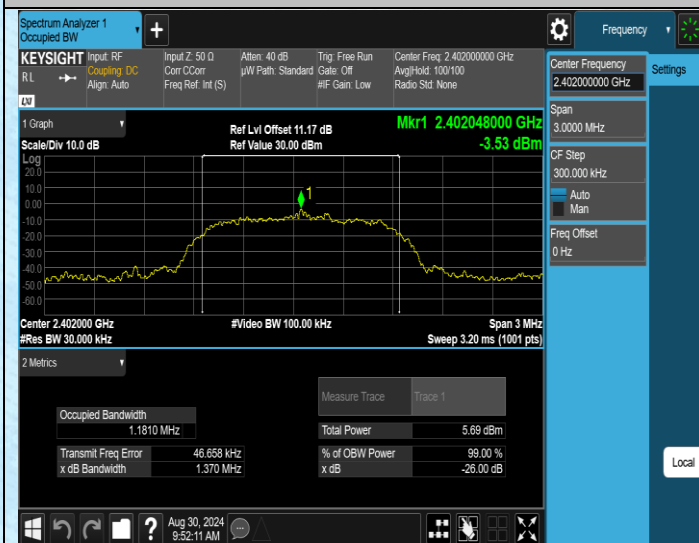
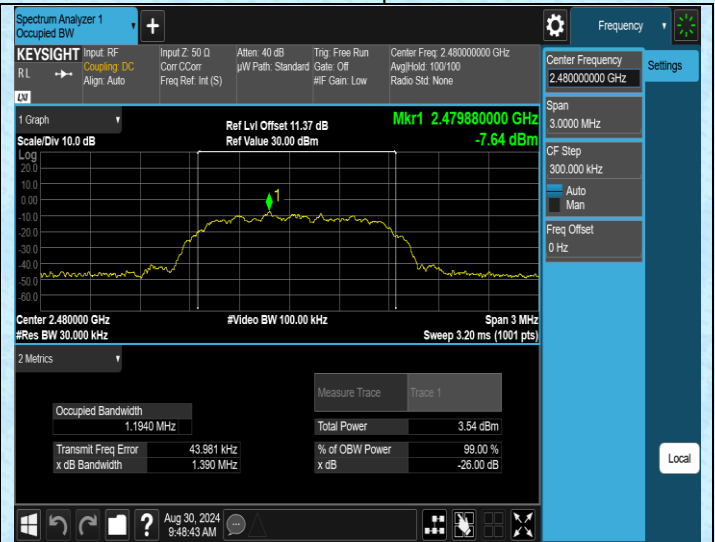
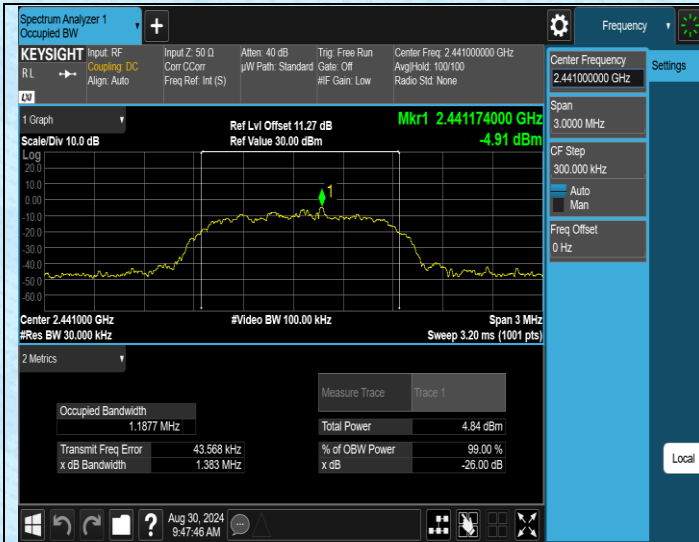
AppendixB: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.84901	2401.6092	2402.4582	---	---
DH5	Ant1	2441	0.85540	2440.6081	2441.4635	---	---
DH5	Ant1	2480	0.85109	2479.6125	2480.4636	---	---
2DH5	Ant1	2402	1.1886	2401.4526	2402.6412	---	---
2DH5	Ant1	2441	1.1877	2440.4497	2441.6374	---	---
2DH5	Ant1	2480	1.1940	2479.4470	2480.6410	---	---
3DH5	Ant1	2402	1.1810	2401.4562	2402.6372	---	---
3DH5	Ant1	2441	1.1841	2440.4518	2441.6359	---	---
3DH5	Ant1	2480	1.1858	2479.4502	2480.6360	---	---

Test Graphs



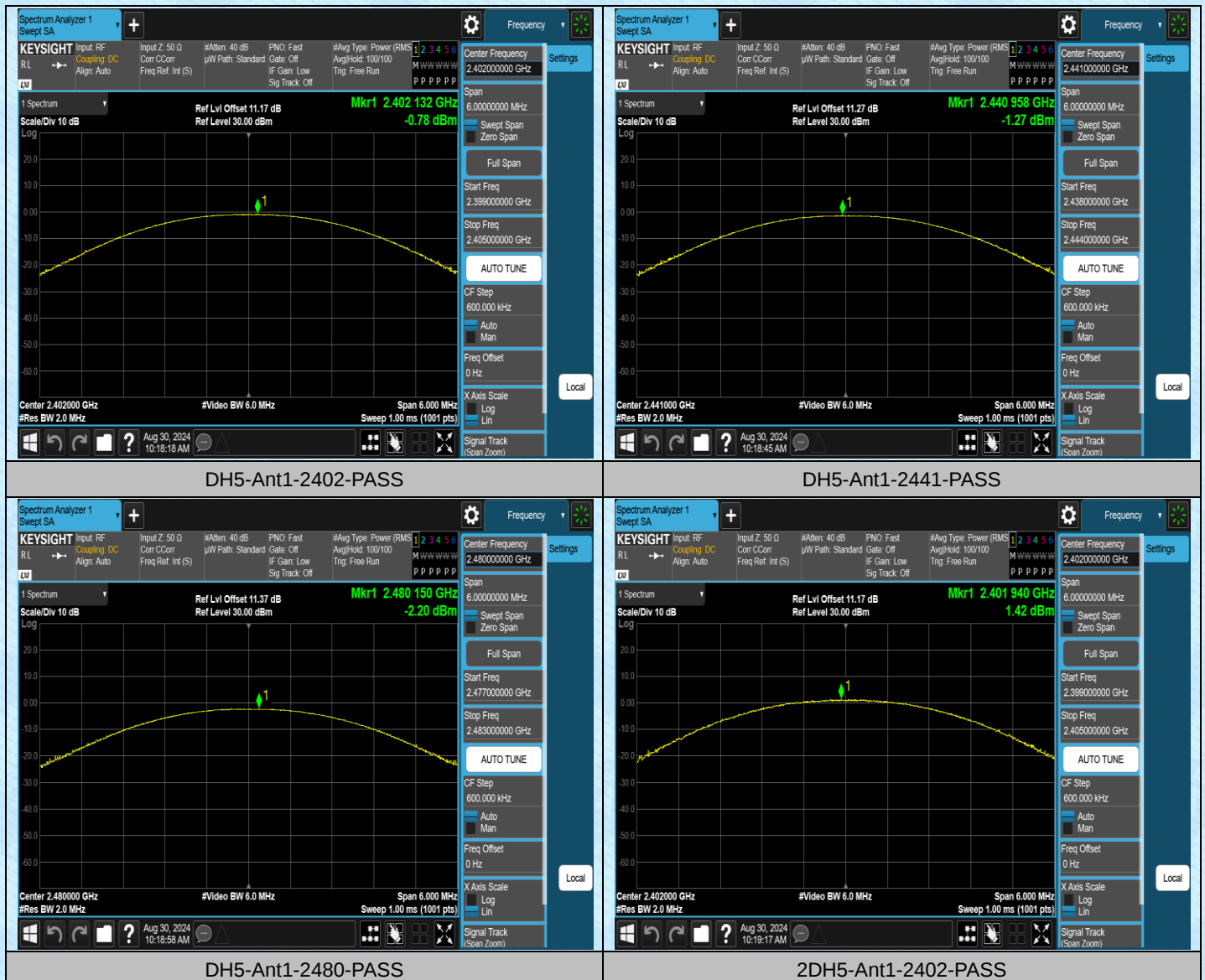


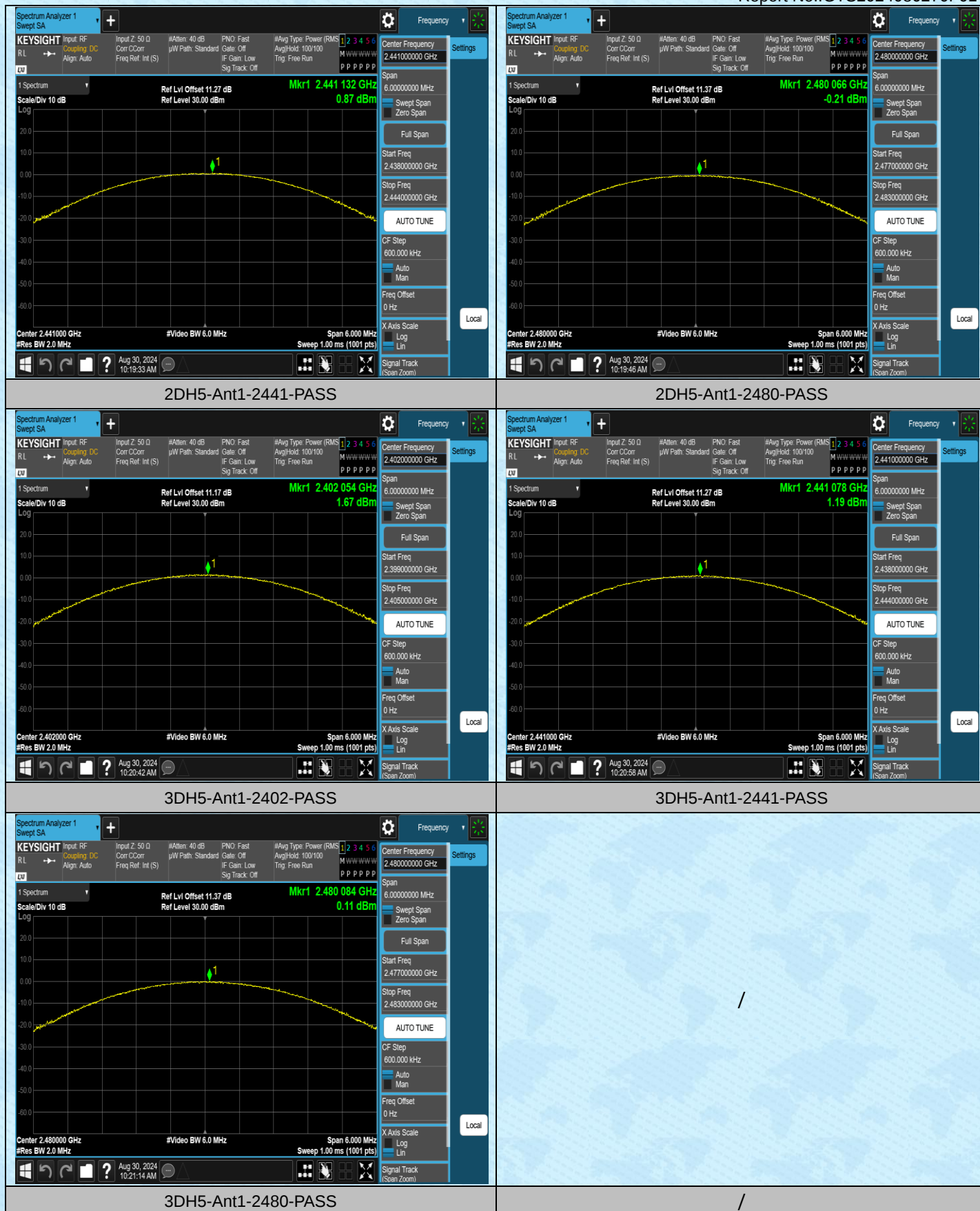
AppendixC: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.78	≤30	PASS
DH5	Ant1	2441	-1.27	≤30	PASS
DH5	Ant1	2480	-2.20	≤30	PASS
2DH5	Ant1	2402	1.42	≤20.97	PASS
2DH5	Ant1	2441	0.87	≤20.97	PASS
2DH5	Ant1	2480	-0.21	≤20.97	PASS
3DH5	Ant1	2402	1.67	≤20.97	PASS
3DH5	Ant1	2441	1.19	≤20.97	PASS
3DH5	Ant1	2480	0.11	≤20.97	PASS

Test Graphs



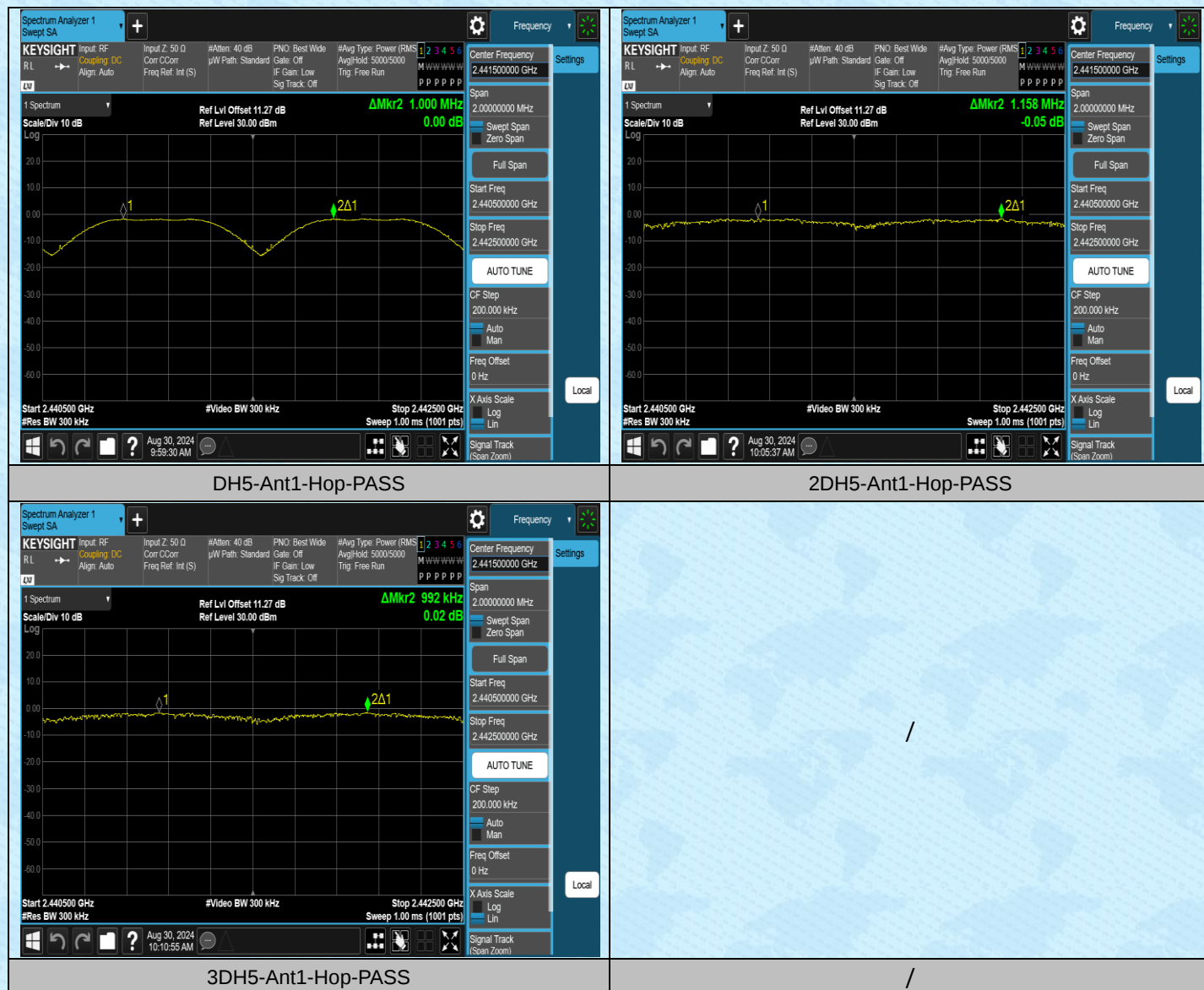


AppendixD: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1	≥ 0.951	PASS
2DH5	Ant1	Hop	1.158	≥ 0.896	PASS
3DH5	Ant1	Hop	0.992	≥ 0.892	PASS

Test Graphs



AppendixE: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.396	320	0.127	≤0.4	PASS
DH3	Ant1	Hop	1.650	160	0.264	≤0.4	PASS
DH5	Ant1	Hop	2.898	106.67	0.309	≤0.4	PASS
2DH1	Ant1	Hop	0.405	320	0.13	≤0.4	PASS
2DH3	Ant1	Hop	1.657	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	2.907	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

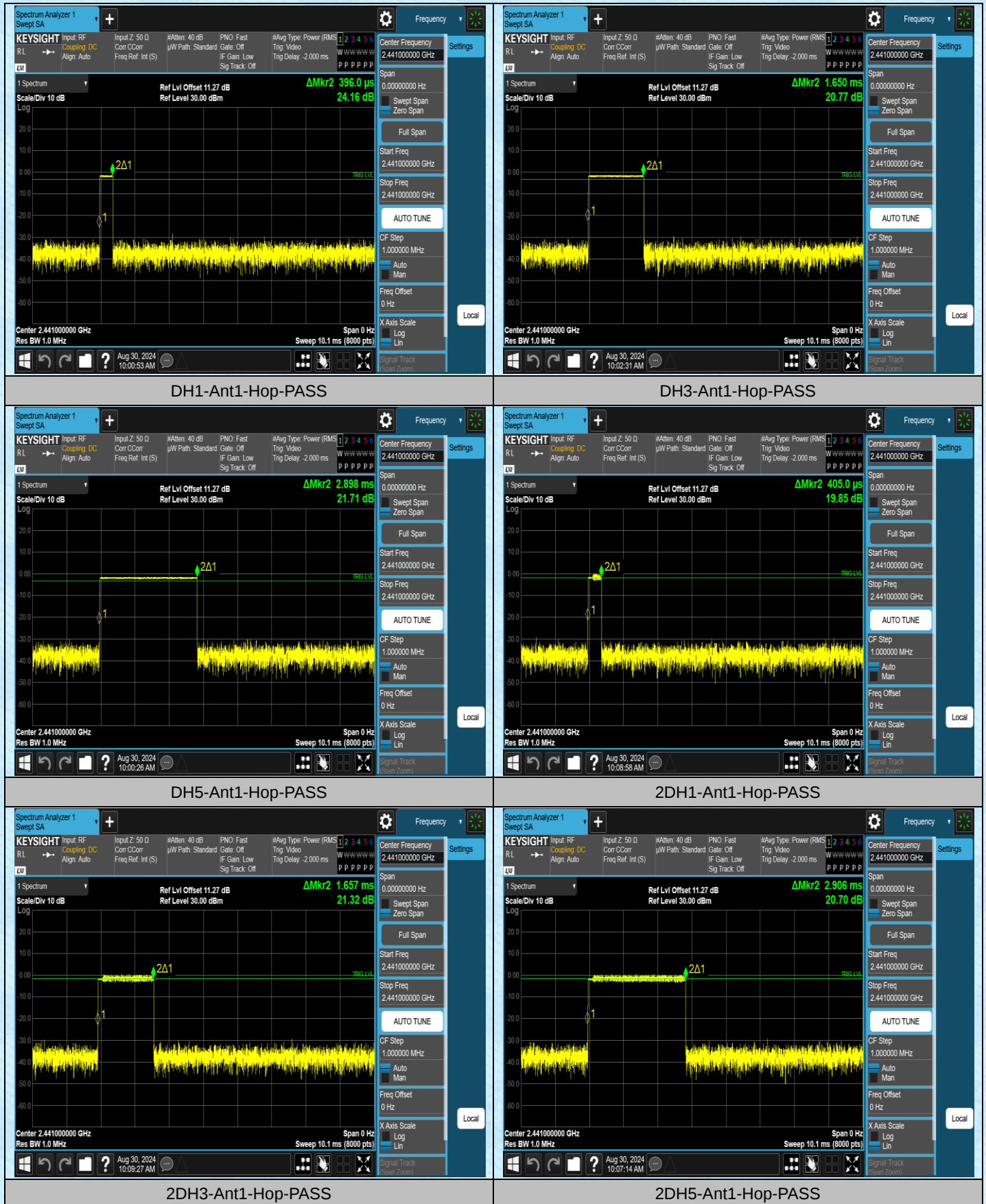
DH3/2DH3/3DH3:TotalHops=1600/79/4*0.4*79

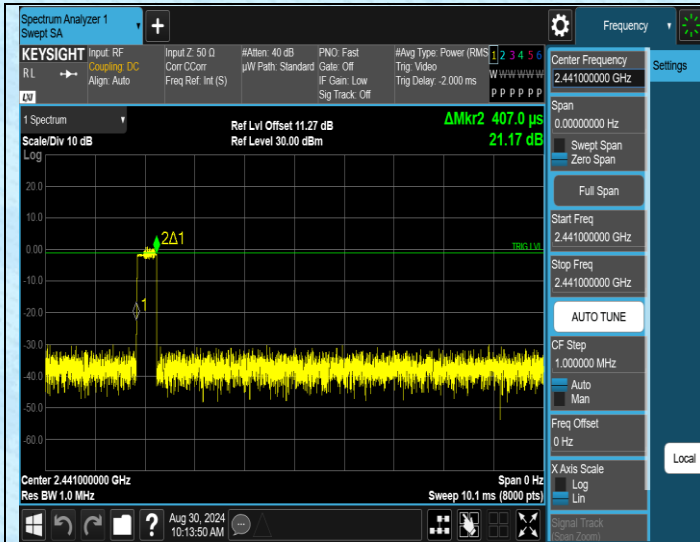
DH3/2DH3/3DH3: Time of occupancy= TotalHops * (BurstWidth) /1000

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

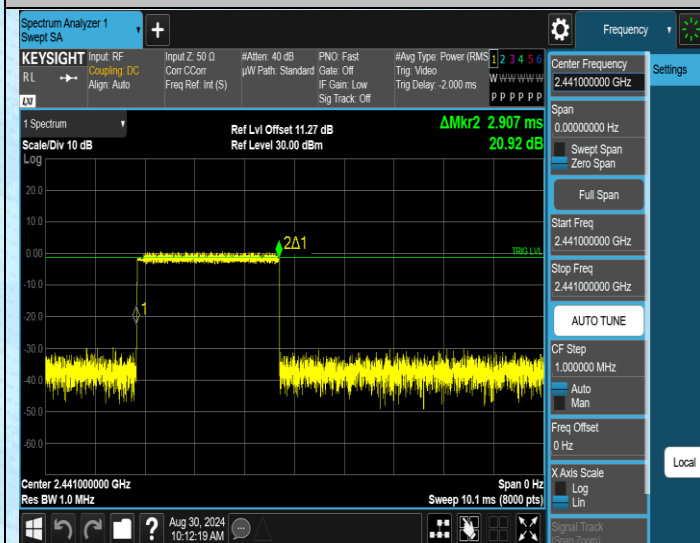
DH1/2DH1/3DH1: Time of occupancy= TotalHops * (BurstWidth) /1000

Test Graphs

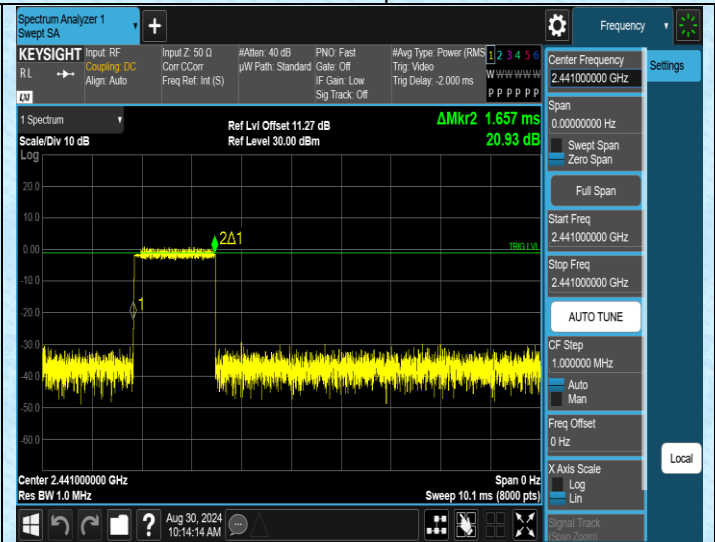




3DH1-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



/

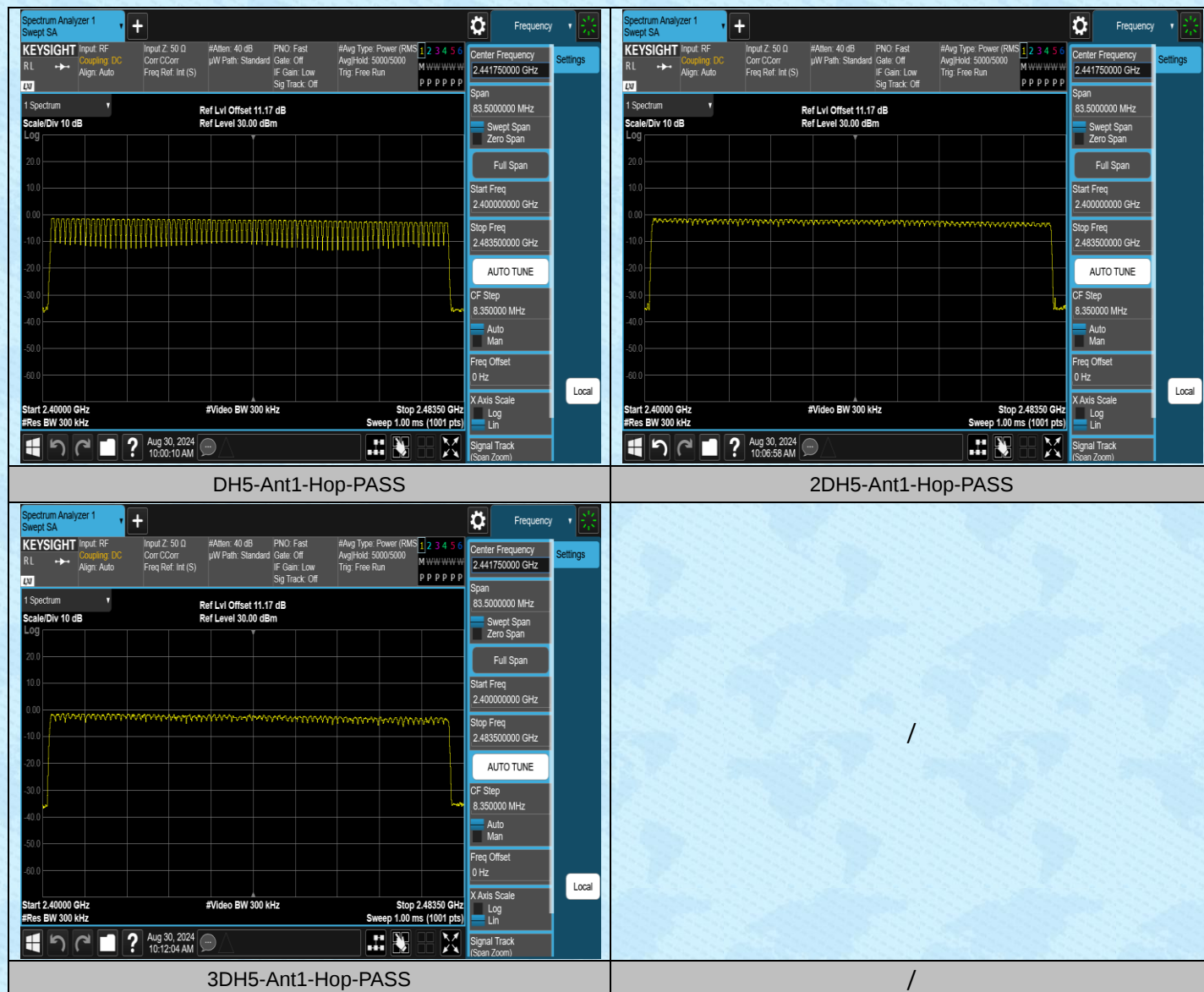
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AppendixF: Number of hopping channels

Test Result

TestMode	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

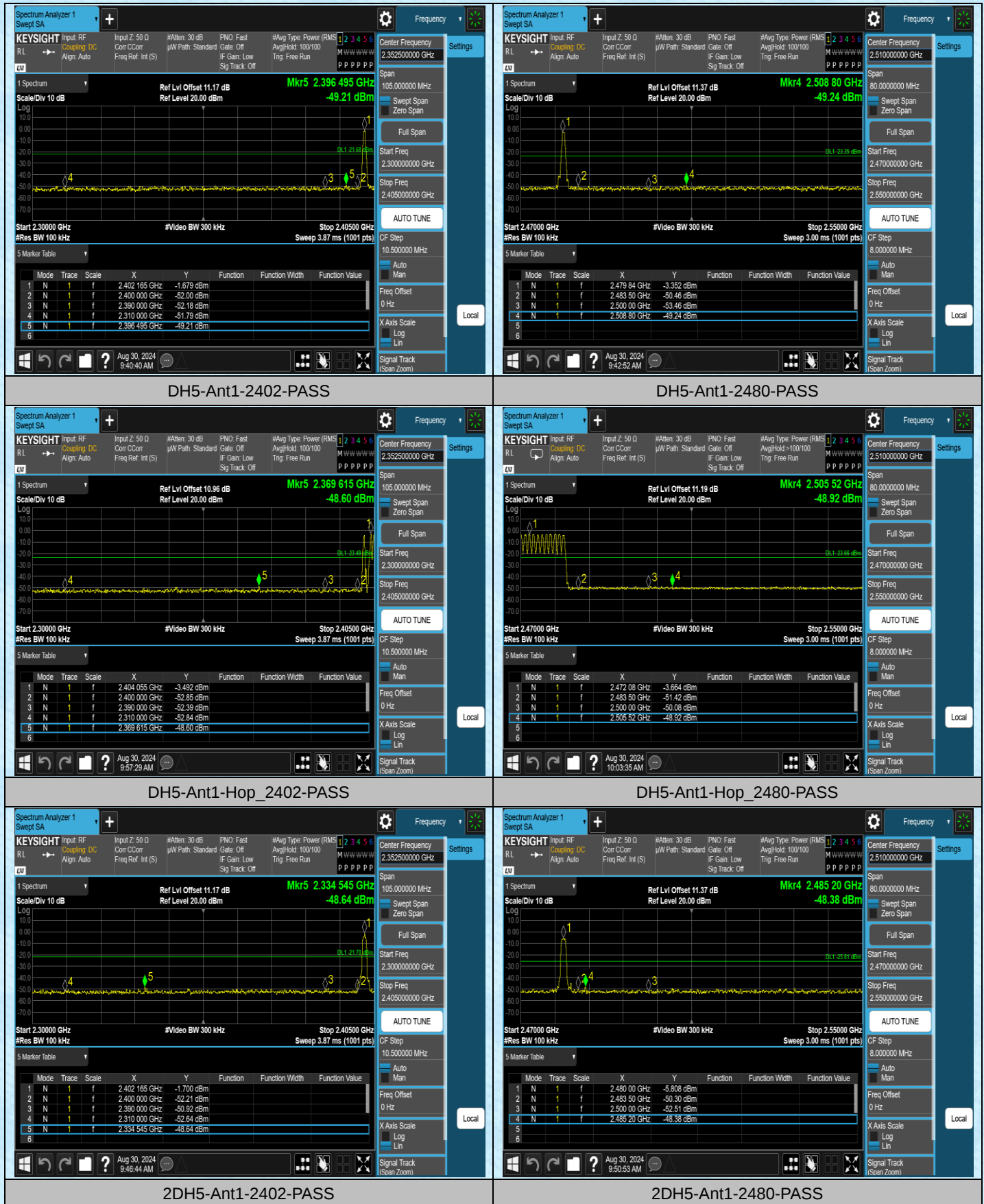


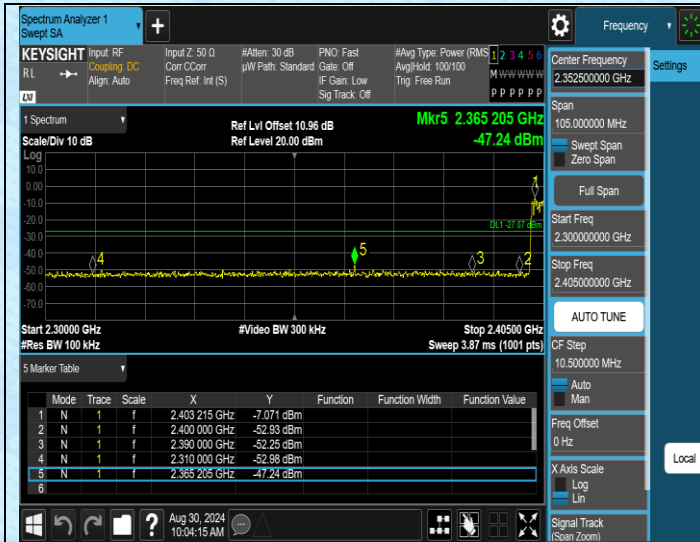
AppendixG:Band edge measurements

Test Result

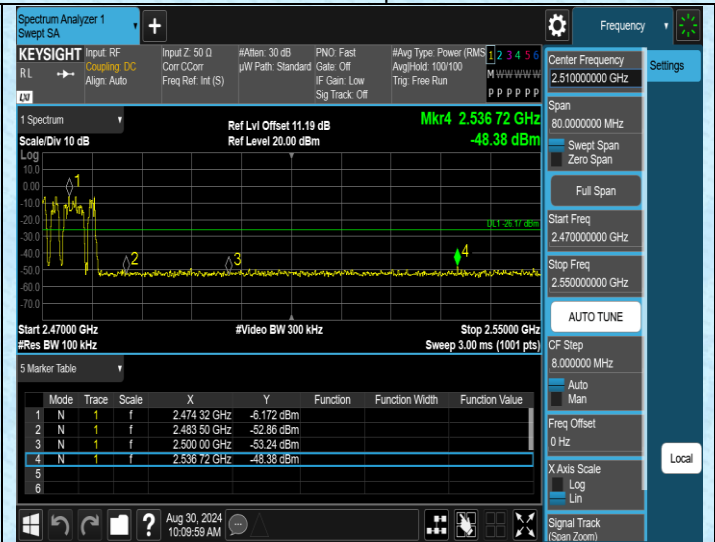
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.68	-49.21	≤ -21.68	PASS
DH5	Ant1	High	2480	-3.35	-49.24	≤ -23.35	PASS
DH5	Ant1	Low	Hop_2402	-3.49	-48.6	≤ -23.49	PASS
DH5	Ant1	High	Hop_2480	-3.66	-48.92	≤ -23.66	PASS
2DH5	Ant1	Low	2402	-1.70	-48.64	≤ -21.7	PASS
2DH5	Ant1	High	2480	-5.81	-48.38	≤ -25.81	PASS
2DH5	Ant1	Low	Hop_2402	-7.07	-47.24	≤ -27.07	PASS
2DH5	Ant1	High	Hop_2480	-6.17	-48.38	≤ -26.17	PASS
3DH5	Ant1	Low	2402	-1.38	-49.43	≤ -21.38	PASS
3DH5	Ant1	High	2480	-3.93	-48.7	≤ -23.93	PASS
3DH5	Ant1	Low	Hop_2402	-4.62	-49.53	≤ -24.62	PASS
3DH5	Ant1	High	Hop_2480	-6.44	-48.71	≤ -26.44	PASS

Test Graphs

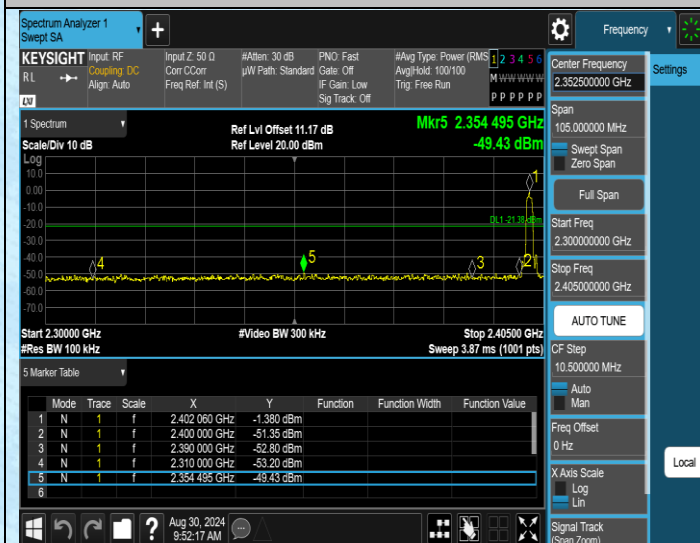




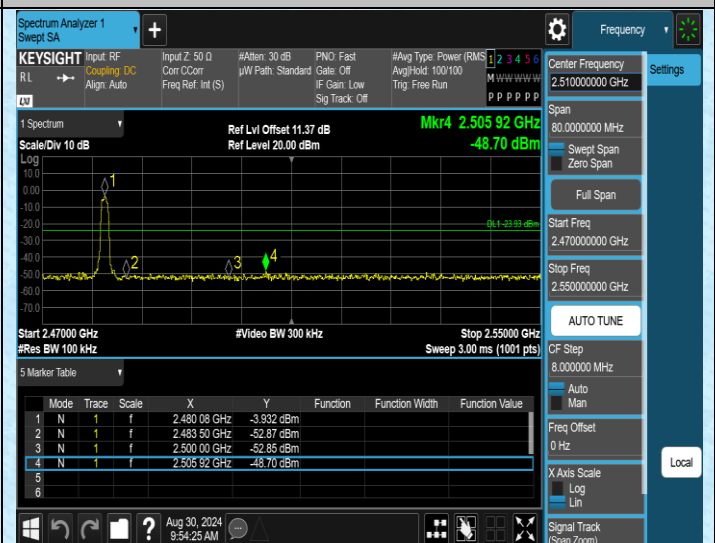
2DH5-Ant1-Hop_2402-PASS



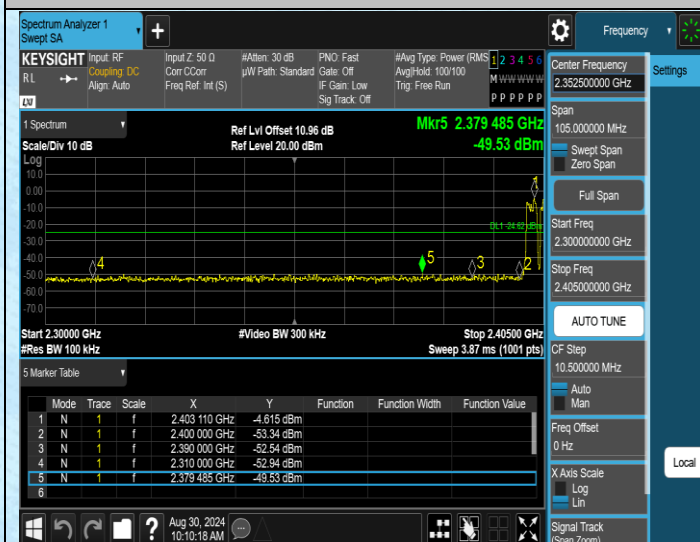
2DH5-Ant1-Hop_2480-PASS



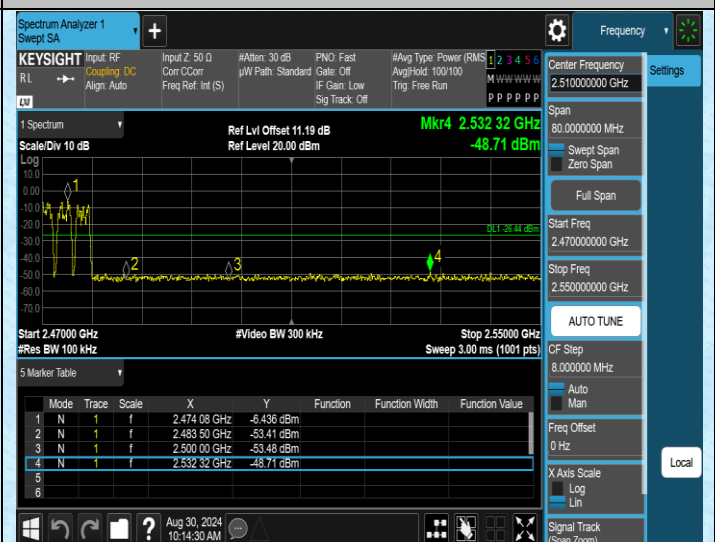
3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS

AppendixH:Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-2.13	-2.13	---	PASS
DH5	Ant1	2402	30~1000	-2.13	-40.24	≤-22.13	PASS
DH5	Ant1	2402	1000~26500	-2.13	-45.85	≤-22.13	PASS
DH5	Ant1	2441	0~Reference	-2.38	-2.38	---	PASS
DH5	Ant1	2441	30~1000	-2.38	-40.91	≤-22.38	PASS
DH5	Ant1	2441	1000~26500	-2.38	-46.28	≤-22.38	PASS
DH5	Ant1	2480	0~Reference	-3.14	-3.14	---	PASS
DH5	Ant1	2480	30~1000	-3.14	-40.94	≤-23.14	PASS
DH5	Ant1	2480	1000~26500	-3.14	-38.17	≤-23.14	PASS
2DH5	Ant1	2402	0~Reference	-2.25	-2.25	---	PASS
2DH5	Ant1	2402	30~1000	-2.25	-40.25	≤-22.25	PASS
2DH5	Ant1	2402	1000~26500	-2.25	-48.15	≤-22.25	PASS
2DH5	Ant1	2441	0~Reference	-4.24	-4.24	---	PASS
2DH5	Ant1	2441	30~1000	-4.24	-40.32	≤-24.24	PASS
2DH5	Ant1	2441	1000~26500	-4.24	-47.52	≤-24.24	PASS
2DH5	Ant1	2480	0~Reference	-4.91	-4.91	---	PASS
2DH5	Ant1	2480	30~1000	-4.91	-40.21	≤-24.91	PASS
2DH5	Ant1	2480	1000~26500	-4.91	-48.07	≤-24.91	PASS
3DH5	Ant1	2402	0~Reference	-1.68	-1.68	---	PASS
3DH5	Ant1	2402	30~1000	-1.68	-40.43	≤-21.68	PASS
3DH5	Ant1	2402	1000~26500	-1.68	-47.79	≤-21.68	PASS
3DH5	Ant1	2441	0~Reference	-3.33	-3.33	---	PASS
3DH5	Ant1	2441	30~1000	-3.33	-40.61	≤-23.33	PASS
3DH5	Ant1	2441	1000~26500	-3.33	-45.97	≤-23.33	PASS
3DH5	Ant1	2480	0~Reference	-3.70	-3.70	---	PASS
3DH5	Ant1	2480	30~1000	-3.70	-40.21	≤-23.7	PASS
3DH5	Ant1	2480	1000~26500	-3.70	-47.41	≤-23.7	PASS