

AppendixA: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.810	2401.568	2402.378	---	---
DH5	Ant1	2441	0.804	2440.568	2441.372	---	---
DH5	Ant1	2480	0.801	2479.574	2480.375	---	---
2DH5	Ant1	2402	1.308	2401.355	2402.663	---	---
2DH5	Ant1	2441	1.326	2440.340	2441.666	---	---
2DH5	Ant1	2480	1.323	2479.343	2480.666	---	---
3DH5	Ant1	2402	1.299	2401.355	2402.654	---	---
3DH5	Ant1	2441	1.299	2440.355	2441.654	---	---
3DH5	Ant1	2480	1.302	2479.355	2480.657	---	---

Test Graphs



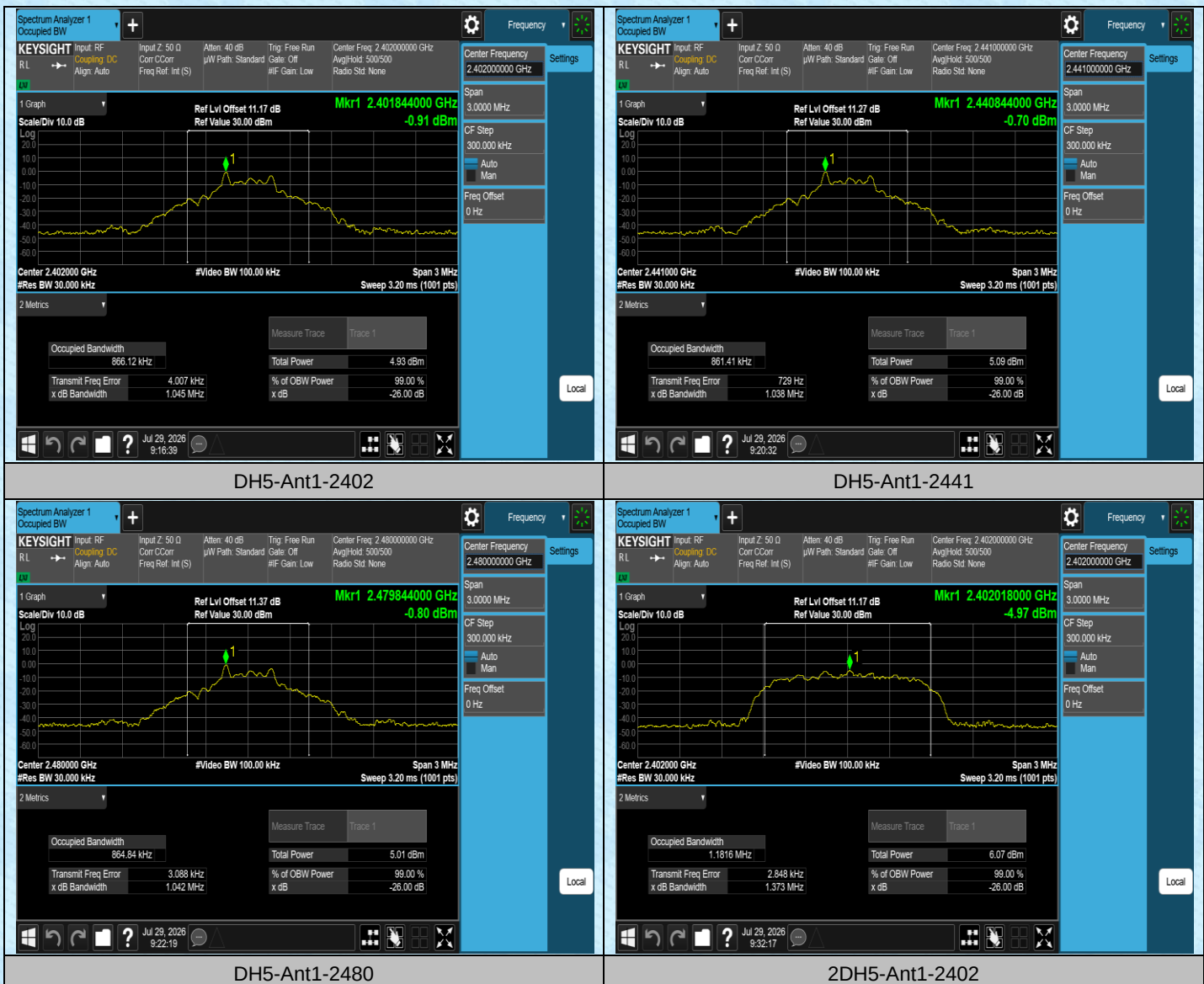


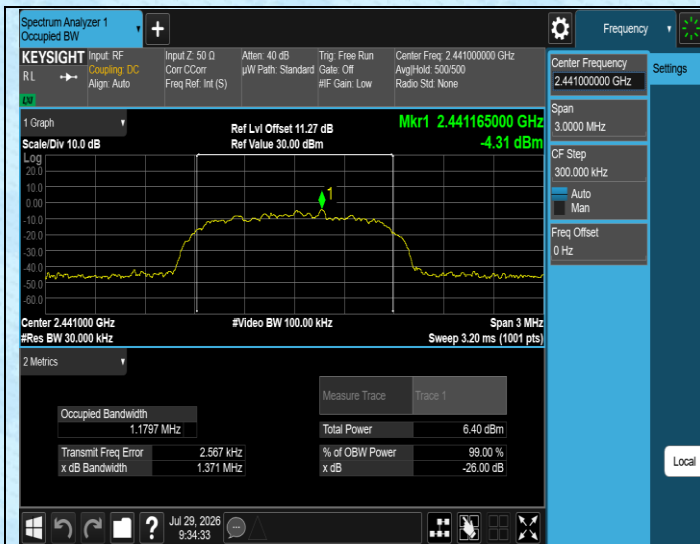
AppendixB: Occupied Channel Bandwidth

Test Result

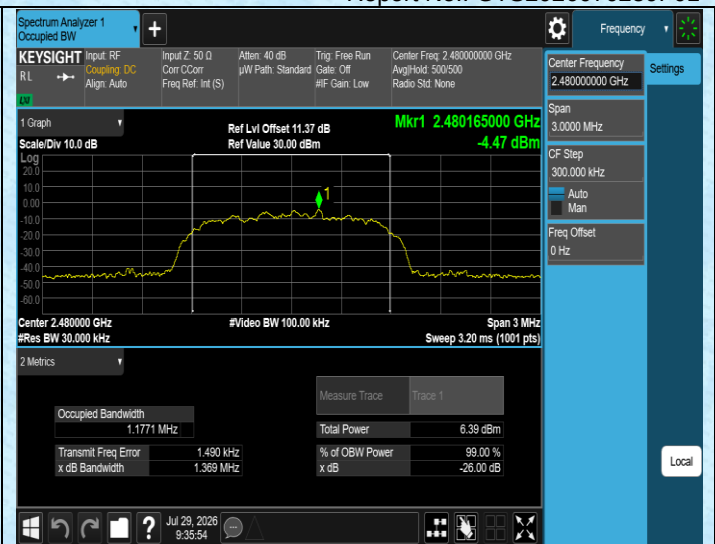
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86612	2401.5710	2402.4371	---	---
DH5	Ant1	2441	0.86141	2440.5700	2441.4314	---	---
DH5	Ant1	2480	0.86484	2479.5707	2480.4355	---	---
2DH5	Ant1	2402	1.1816	2401.4121	2402.5937	---	---
2DH5	Ant1	2441	1.1797	2440.4127	2441.5924	---	---
2DH5	Ant1	2480	1.1771	2479.4129	2480.5900	---	---
3DH5	Ant1	2402	1.1850	2401.4119	2402.5969	---	---
3DH5	Ant1	2441	1.1822	2440.4143	2441.5965	---	---
3DH5	Ant1	2480	1.1832	2479.4133	2480.5965	---	---

Test Graphs

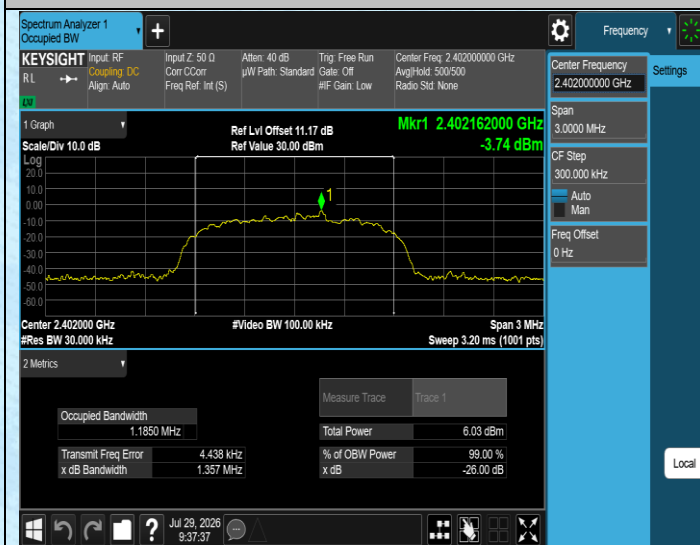




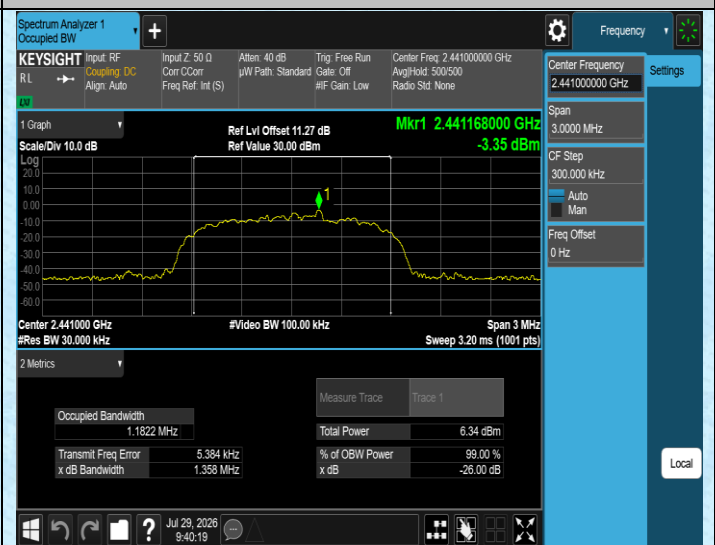
2DH5-Ant1-2441



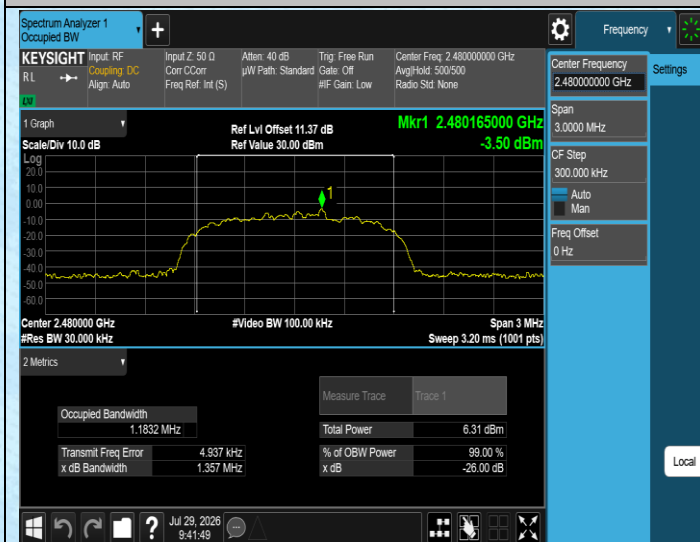
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

/

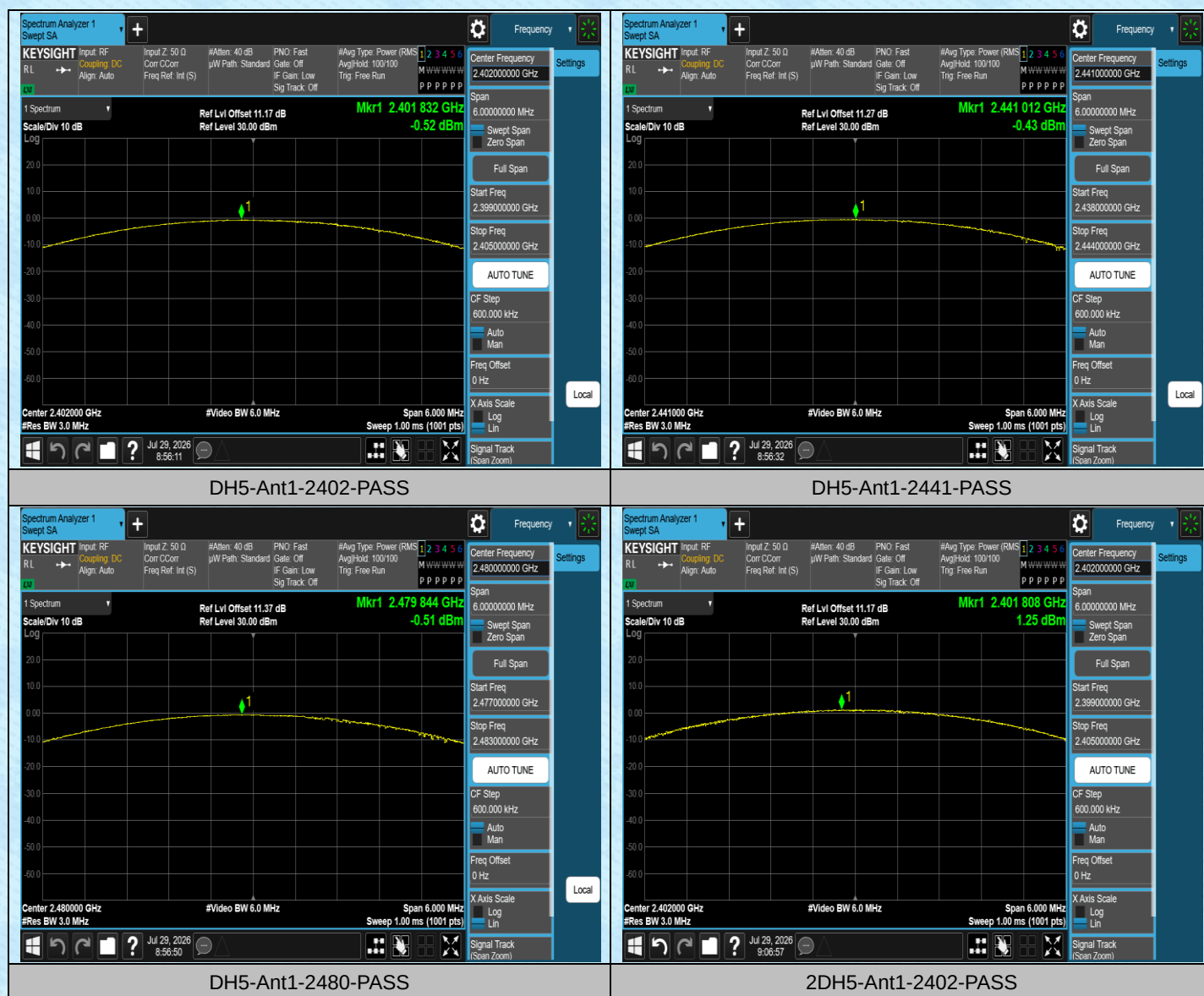
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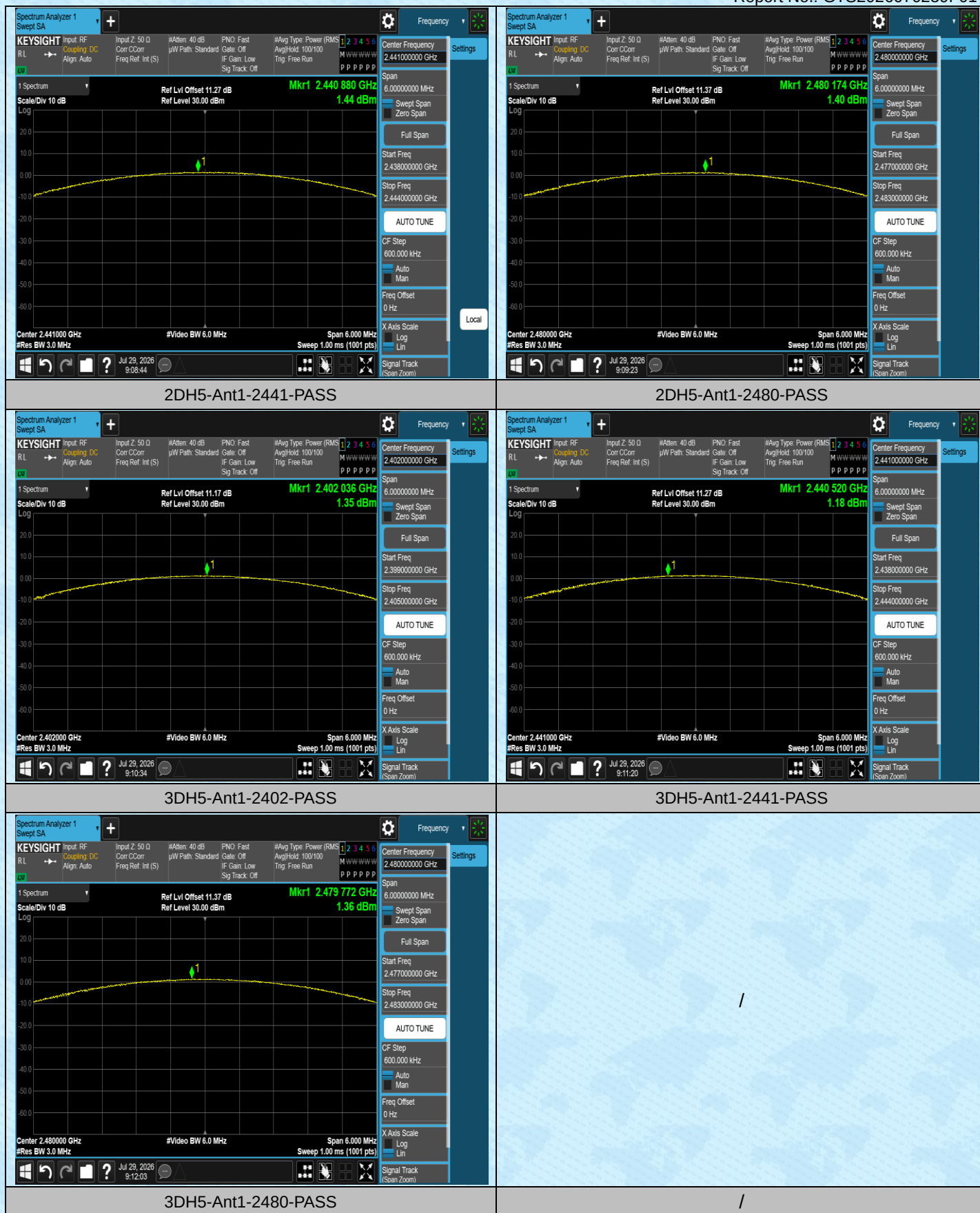
AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.52	≤20.97	PASS
DH5	Ant1	2441	-0.43	≤20.97	PASS
DH5	Ant1	2480	-0.52	≤20.97	PASS
2DH5	Ant1	2402	1.25	≤20.97	PASS
2DH5	Ant1	2441	1.44	≤20.97	PASS
2DH5	Ant1	2480	1.40	≤20.97	PASS
3DH5	Ant1	2402	1.35	≤20.97	PASS
3DH5	Ant1	2441	1.09	≤20.97	PASS
3DH5	Ant1	2480	1.28	≤20.97	PASS

Test Graphs



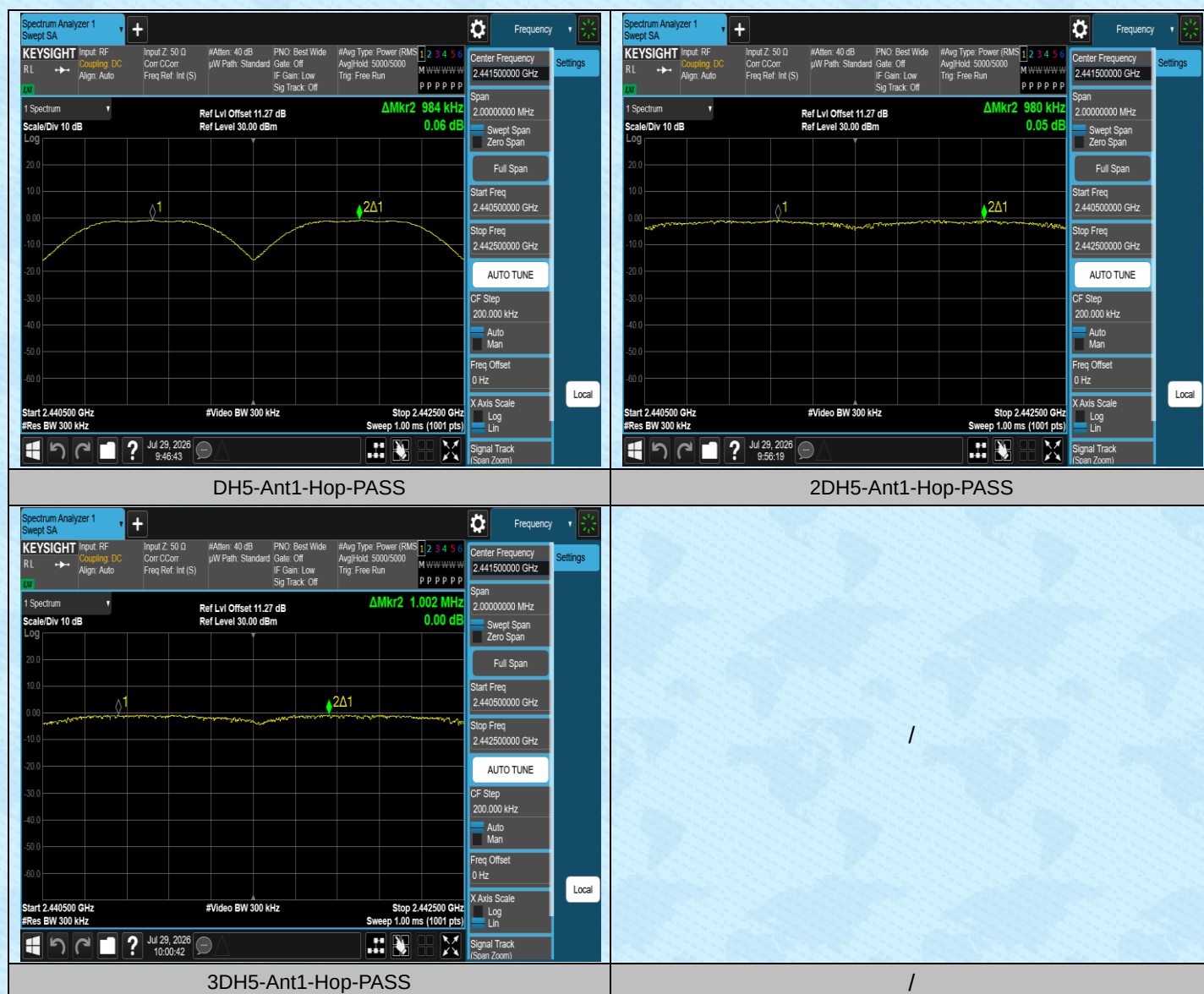


AppendixD: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.984	≥ 0.810	PASS
2DH5	Ant1	Hop	0.98	≥ 0.884	PASS
3DH5	Ant1	Hop	1.002	≥ 0.868	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	2.882	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	2.884	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

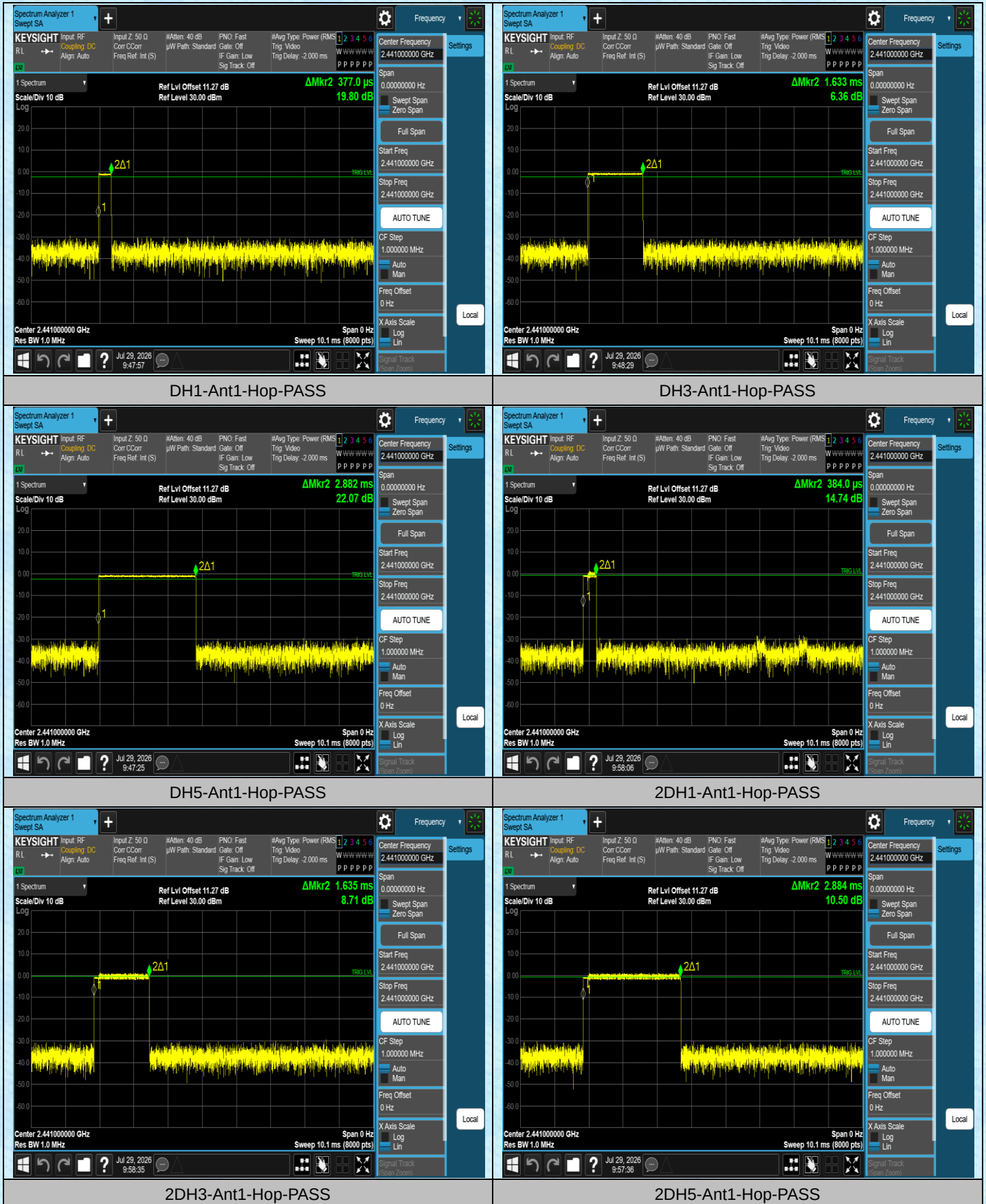
DH3/2DH3/3DH3:TotalHops=1600/79/4*0.4*79

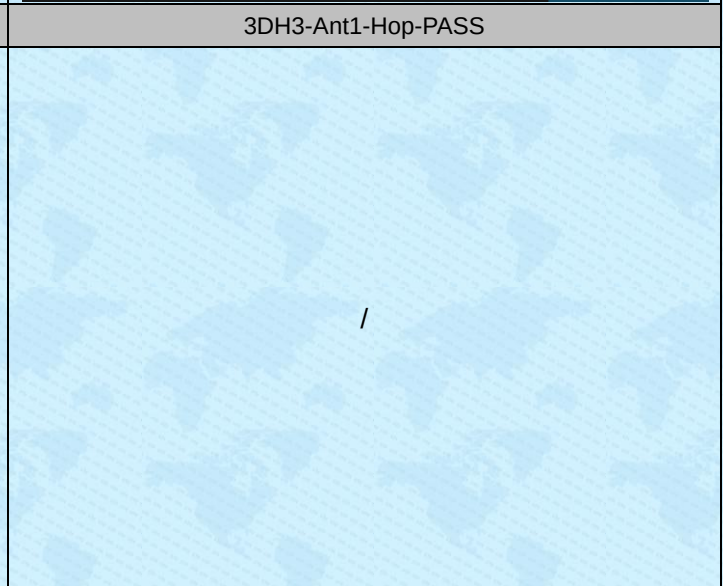
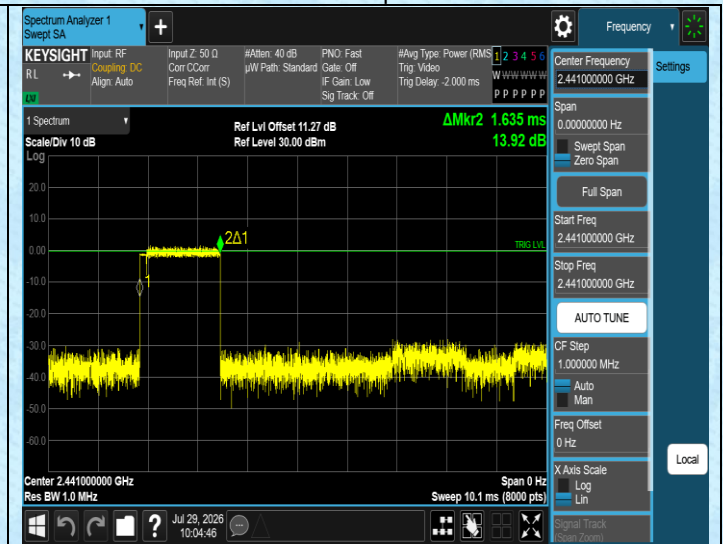
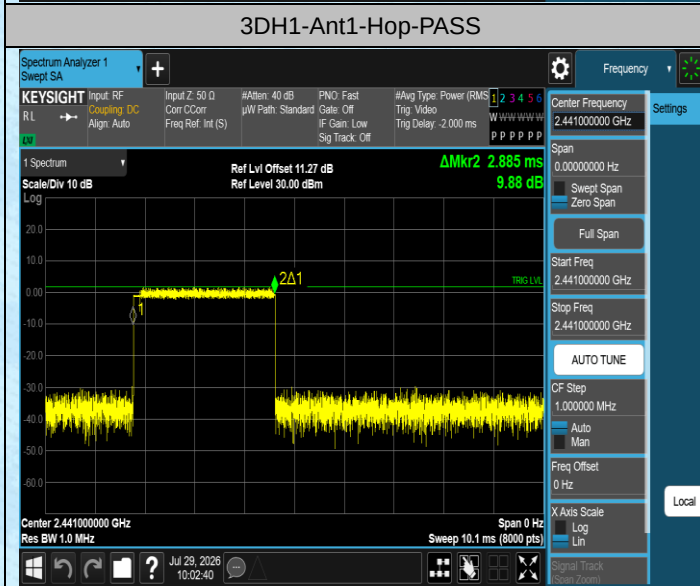
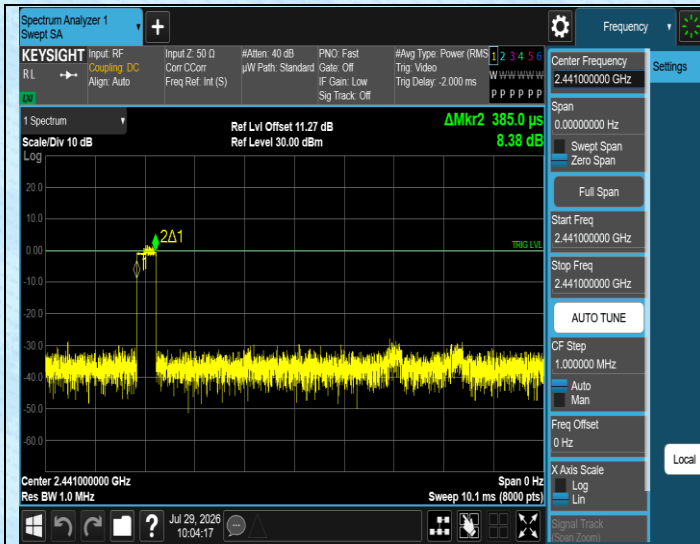
DH3/2DH3/3DH3: Time of occupancy= TotalHops * (BurstWidth) /1000

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

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

Test Graphs



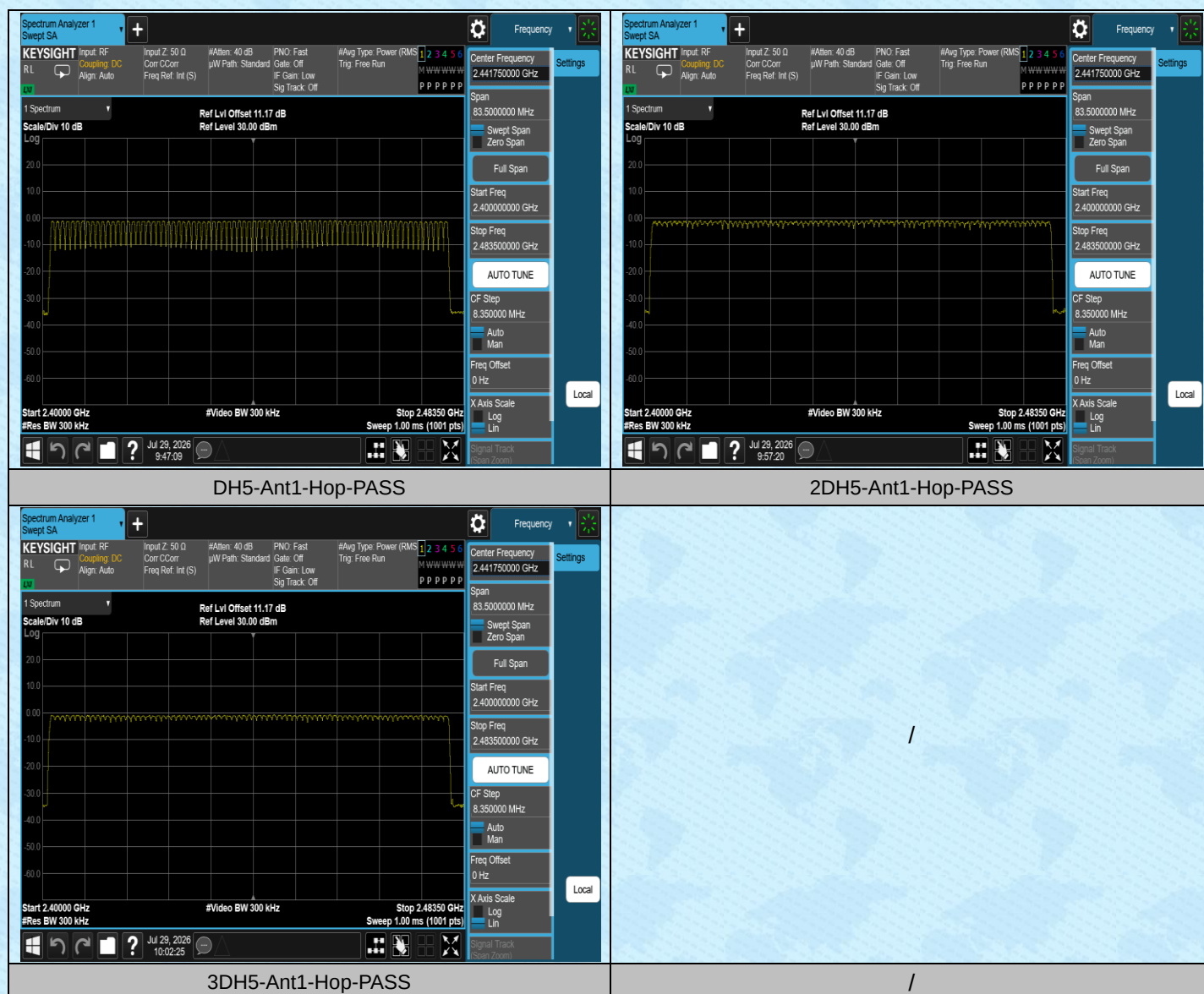


AppendixF: Number of hopping channels

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

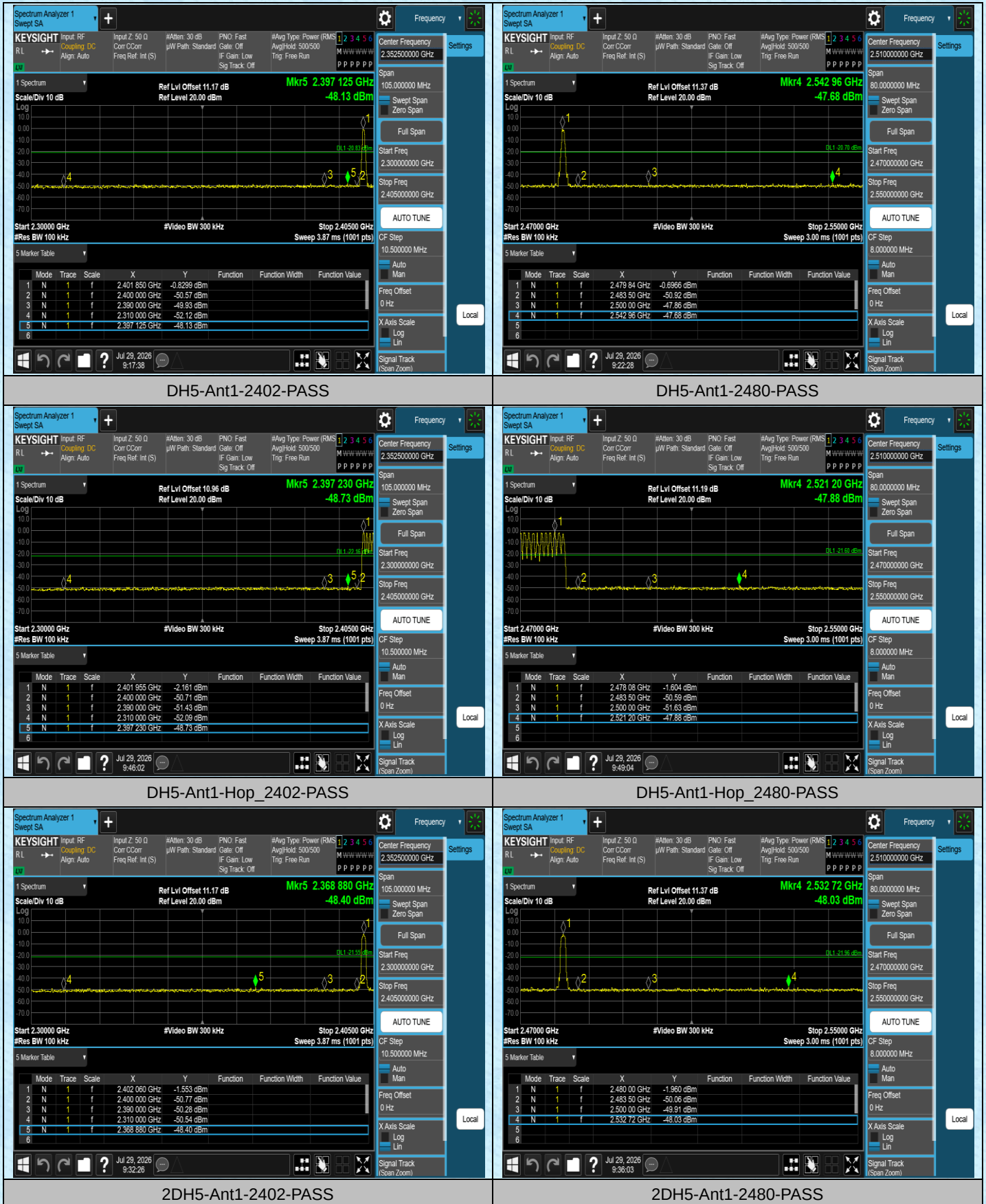


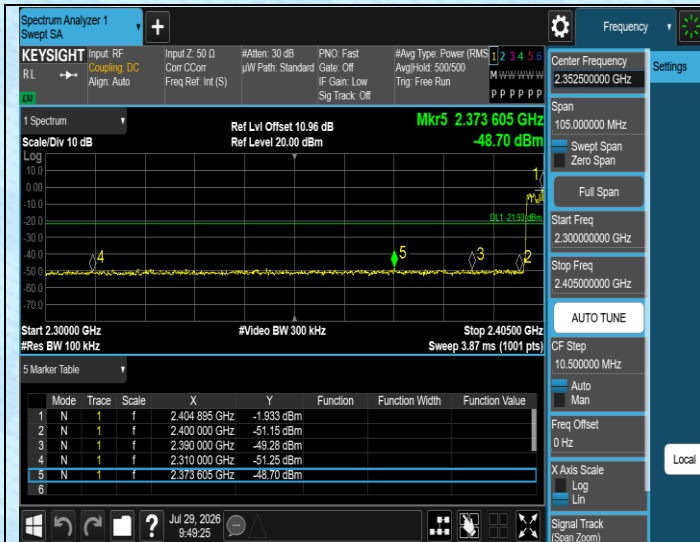
AppendixG:Band edge measurements

Test Result

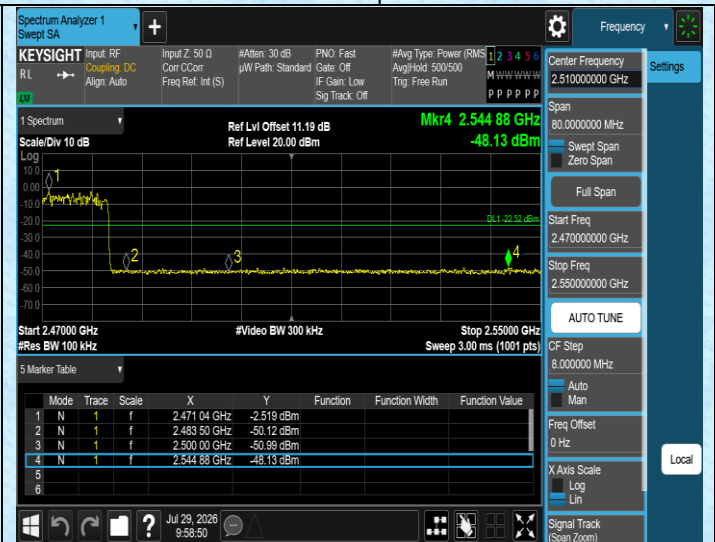
Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.83	-48.13	≤-20.83	PASS
DH5	Ant1	High	2480	-0.70	-47.68	≤-20.7	PASS
DH5	Ant1	Low	Hop_2402	-2.16	-48.73	≤-22.16	PASS
DH5	Ant1	High	Hop_2480	-1.60	-47.88	≤-21.6	PASS
2DH5	Ant1	Low	2402	-1.55	-48.4	≤-21.55	PASS
2DH5	Ant1	High	2480	-1.96	-48.04	≤-21.96	PASS
2DH5	Ant1	Low	Hop_2402	-1.93	-48.7	≤-21.93	PASS
2DH5	Ant1	High	Hop_2480	-2.52	-48.13	≤-22.52	PASS
3DH5	Ant1	Low	2402	-1.32	-47.98	≤-21.32	PASS
3DH5	Ant1	High	2480	-1.01	-47.97	≤-21.01	PASS
3DH5	Ant1	Low	Hop_2402	-3.17	-48.64	≤-23.17	PASS
3DH5	Ant1	High	Hop_2480	-1.19	-47.41	≤-21.19	PASS

Test Graphs

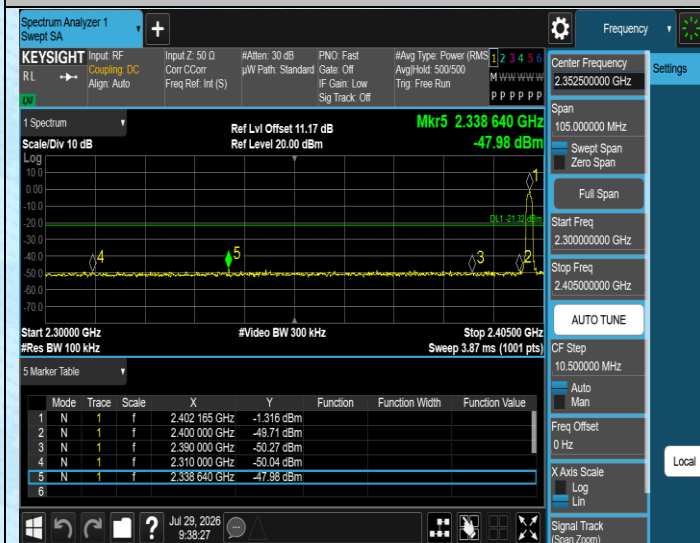




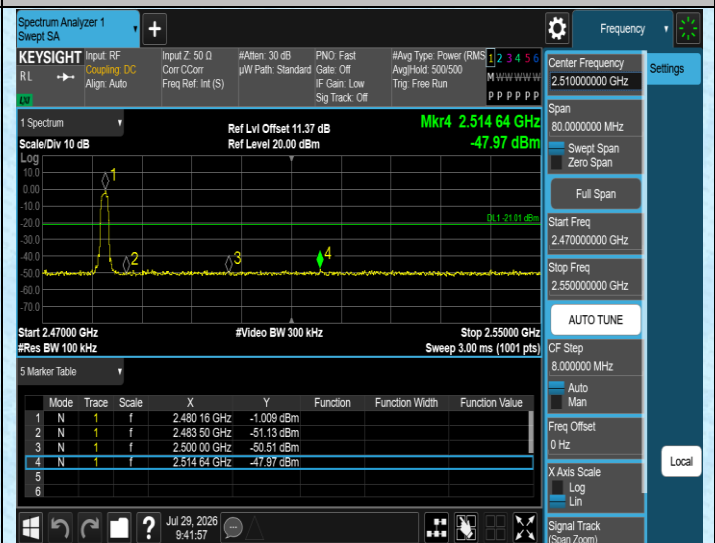
2DH5-Ant1-Hop_2402-PASS



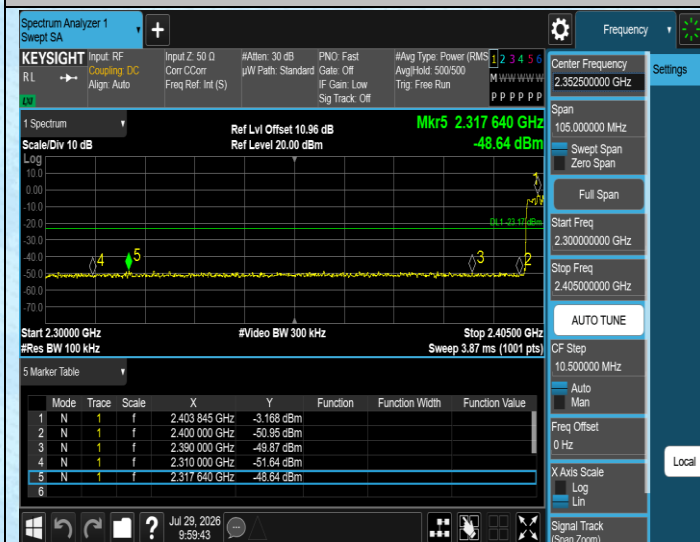
2DH5-Ant1-Hop_2480-PASS



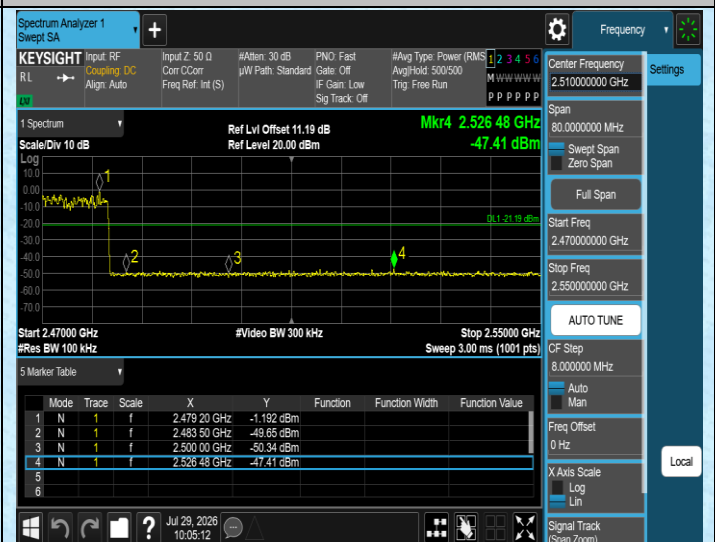
3DH5-Ant1-2402-PASS



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	-0.83	-0.83	---	PASS
DH5	Ant1	2402	30~1000	-0.83	-62.81	≤-20.83	PASS
DH5	Ant1	2402	1000~26500	-0.83	-43.23	≤-20.83	PASS
DH5	Ant1	2441	0~Reference	-0.50	-0.50	---	PASS
DH5	Ant1	2441	30~1000	-0.50	-62.93	≤-20.5	PASS
DH5	Ant1	2441	1000~26500	-0.50	-42.68	≤-20.5	PASS
DH5	Ant1	2480	0~Reference	-0.67	-0.67	---	PASS
DH5	Ant1	2480	30~1000	-0.67	-61.7	≤-20.67	PASS
DH5	Ant1	2480	1000~26500	-0.67	-43.6	≤-20.67	PASS
2DH5	Ant1	2402	0~Reference	-1.11	-1.11	---	PASS
2DH5	Ant1	2402	30~1000	-1.11	-62.68	≤-21.11	PASS
2DH5	Ant1	2402	1000~26500	-1.11	-42.98	≤-21.11	PASS
2DH5	Ant1	2441	0~Reference	-0.84	-0.84	---	PASS
2DH5	Ant1	2441	30~1000	-0.84	-62.42	≤-20.84	PASS
2DH5	Ant1	2441	1000~26500	-0.84	-43.27	≤-20.84	PASS
2DH5	Ant1	2480	0~Reference	-0.96	-0.96	---	PASS
2DH5	Ant1	2480	30~1000	-0.96	-62.97	≤-20.96	PASS
2DH5	Ant1	2480	1000~26500	-0.96	-43.59	≤-20.96	PASS
3DH5	Ant1	2402	0~Reference	-1.15	-1.15	---	PASS
3DH5	Ant1	2402	30~1000	-1.15	-63.04	≤-21.15	PASS
3DH5	Ant1	2402	1000~26500	-1.15	-42.78	≤-21.15	PASS
3DH5	Ant1	2441	0~Reference	-0.78	-0.78	---	PASS
3DH5	Ant1	2441	30~1000	-0.78	-63.33	≤-20.78	PASS
3DH5	Ant1	2441	1000~26500	-0.78	-43.31	≤-20.78	PASS
3DH5	Ant1	2480	0~Reference	-0.74	-0.74	---	PASS
3DH5	Ant1	2480	30~1000	-0.74	-62.97	≤-20.74	PASS
3DH5	Ant1	2480	1000~26500	-0.74	-43.66	≤-20.74	PASS