

AppendixA: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.942	2401.568	2402.510	---	---
DH5	Ant1	2441	0.948	2440.562	2441.510	---	---
DH5	Ant1	2480	0.924	2479.586	2480.510	---	---
2DH5	Ant1	2402	1.284	2401.397	2402.681	---	---
2DH5	Ant1	2441	1.290	2440.394	2441.684	---	---
2DH5	Ant1	2480	1.287	2479.394	2480.681	---	---
3DH5	Ant1	2402	1.287	2401.382	2402.669	---	---
3DH5	Ant1	2441	1.293	2440.376	2441.669	---	---
3DH5	Ant1	2480	1.278	2479.388	2480.666	---	---

Test Graphs





2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480



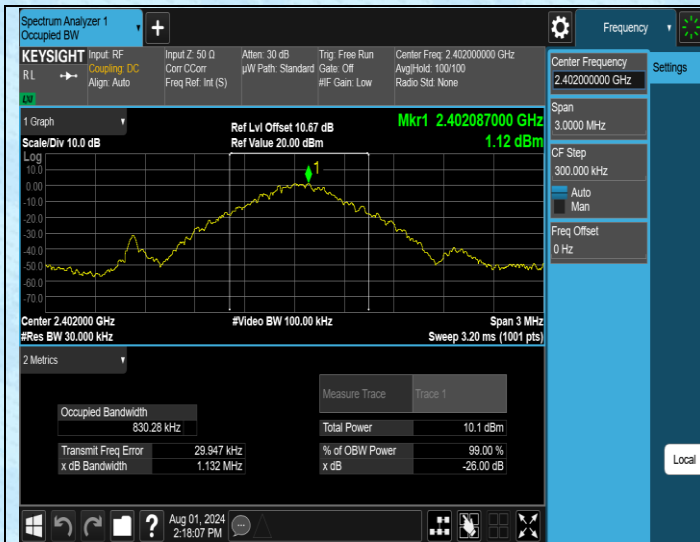
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AppendixB: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.83028	2401.6148	2402.4451	---	---
DH5	Ant1	2441	0.83364	2440.6080	2441.4417	---	---
DH5	Ant1	2480	0.83522	2479.6098	2480.4450	---	---
2DH5	Ant1	2402	1.1718	2401.4436	2402.6154	---	---
2DH5	Ant1	2441	1.1839	2440.4378	2441.6217	---	---
2DH5	Ant1	2480	1.1705	2479.4419	2480.6124	---	---
3DH5	Ant1	2402	1.1813	2401.4415	2402.6228	---	---
3DH5	Ant1	2441	1.1848	2440.4412	2441.6260	---	---
3DH5	Ant1	2480	1.1612	2479.4540	2480.6152	---	---

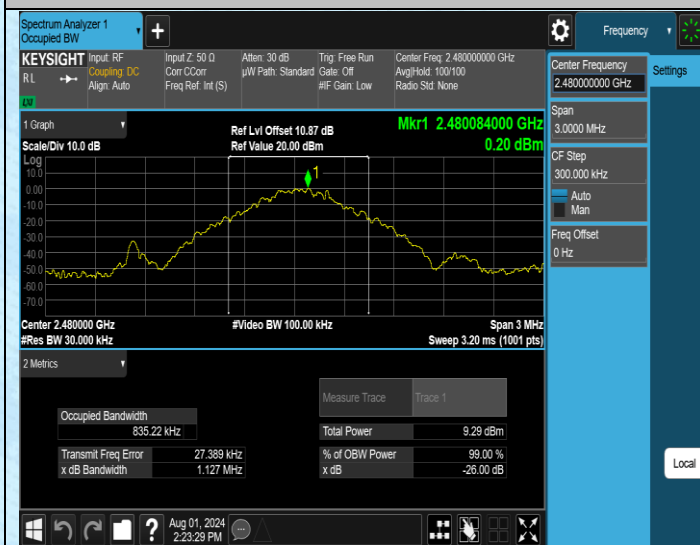
Test Graphs



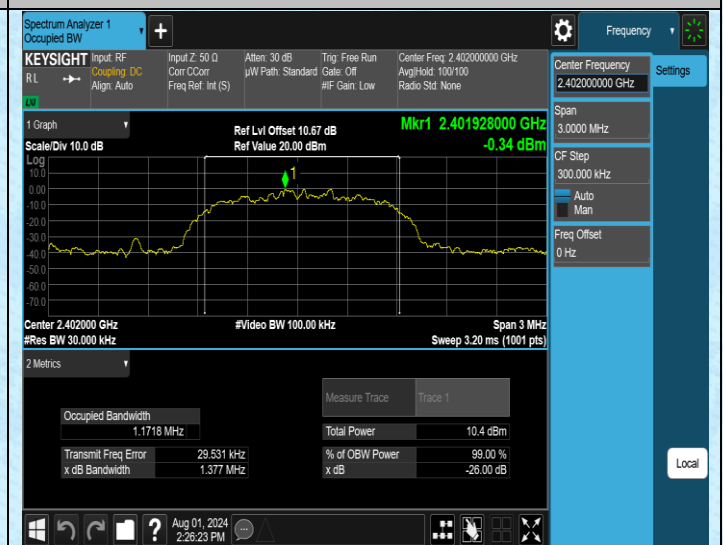
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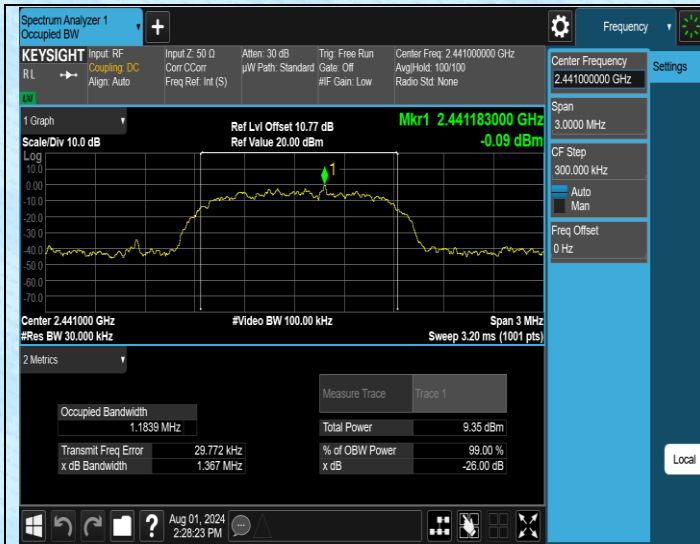
DH5-Ant1-2441



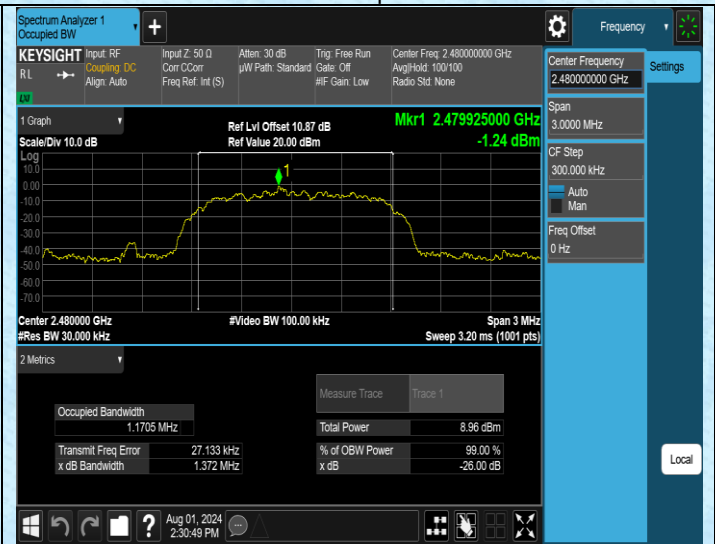
DH5-Ant1-2480



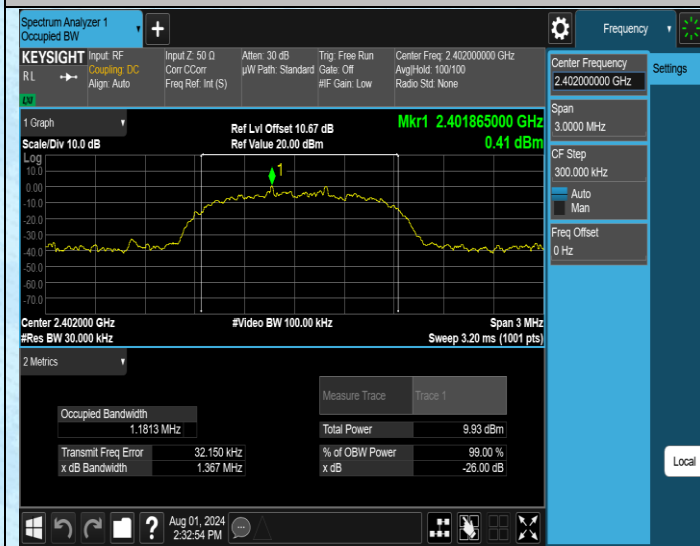
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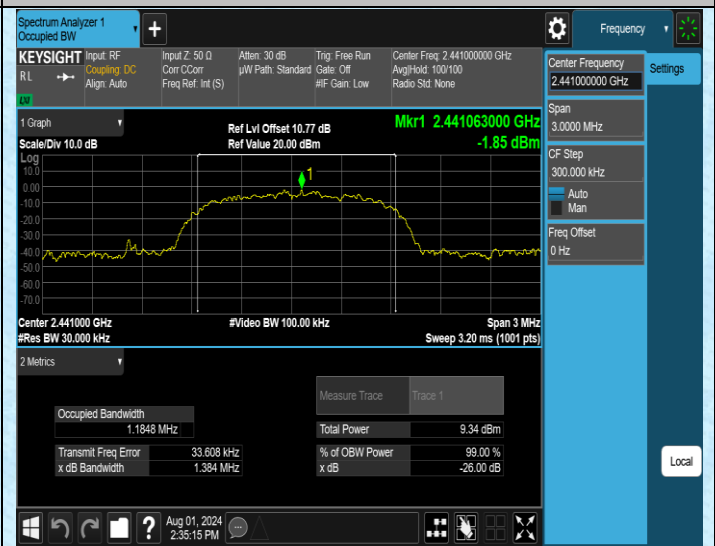
2DH5-Ant1-2441



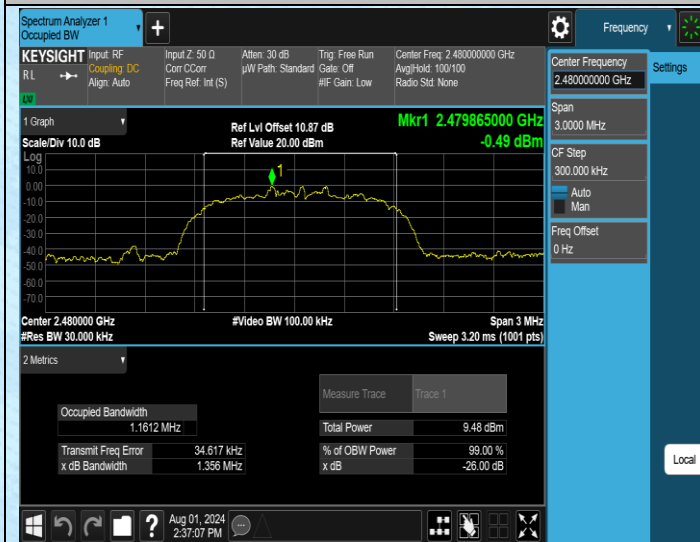
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

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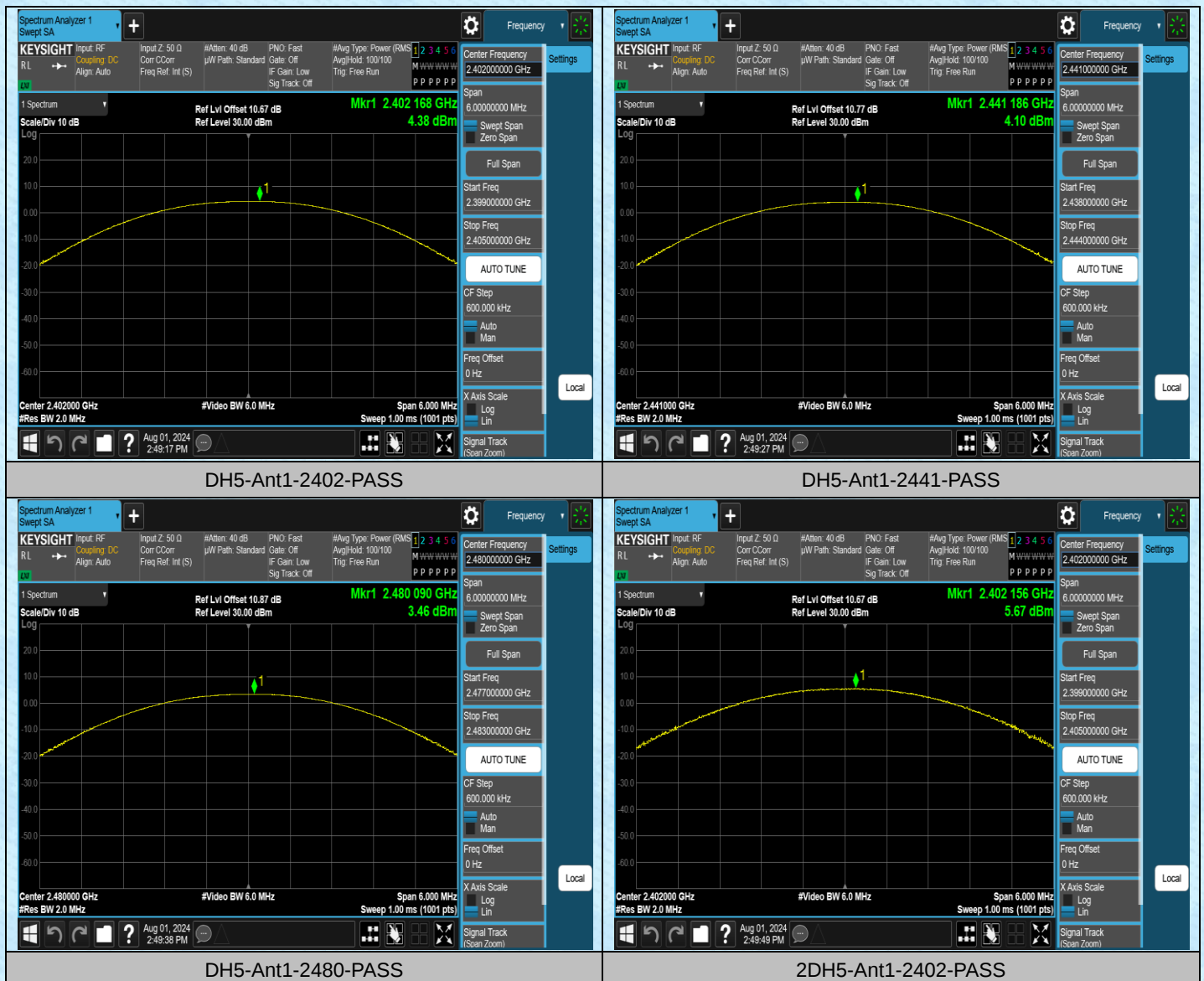
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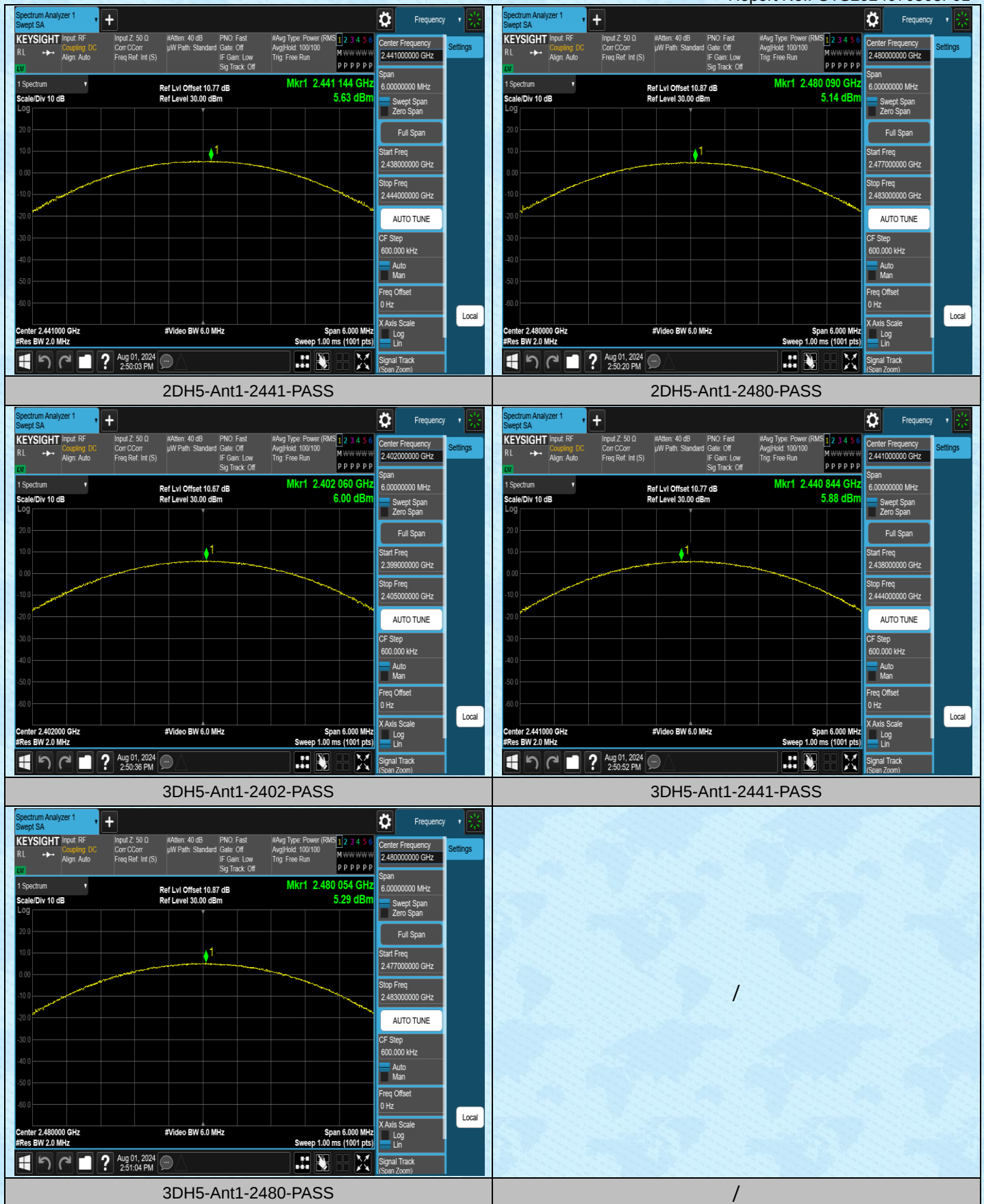
AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	4.38	≤30	PASS
DH5	Ant1	2441	4.10	≤30	PASS
DH5	Ant1	2480	3.46	≤30	PASS
2DH5	Ant1	2402	5.67	≤20.97	PASS
2DH5	Ant1	2441	5.63	≤20.97	PASS
2DH5	Ant1	2480	5.14	≤20.97	PASS
3DH5	Ant1	2402	6.00	≤20.97	PASS
3DH5	Ant1	2441	5.88	≤20.97	PASS
3DH5	Ant1	2480	5.30	≤20.97	PASS

Test Graphs



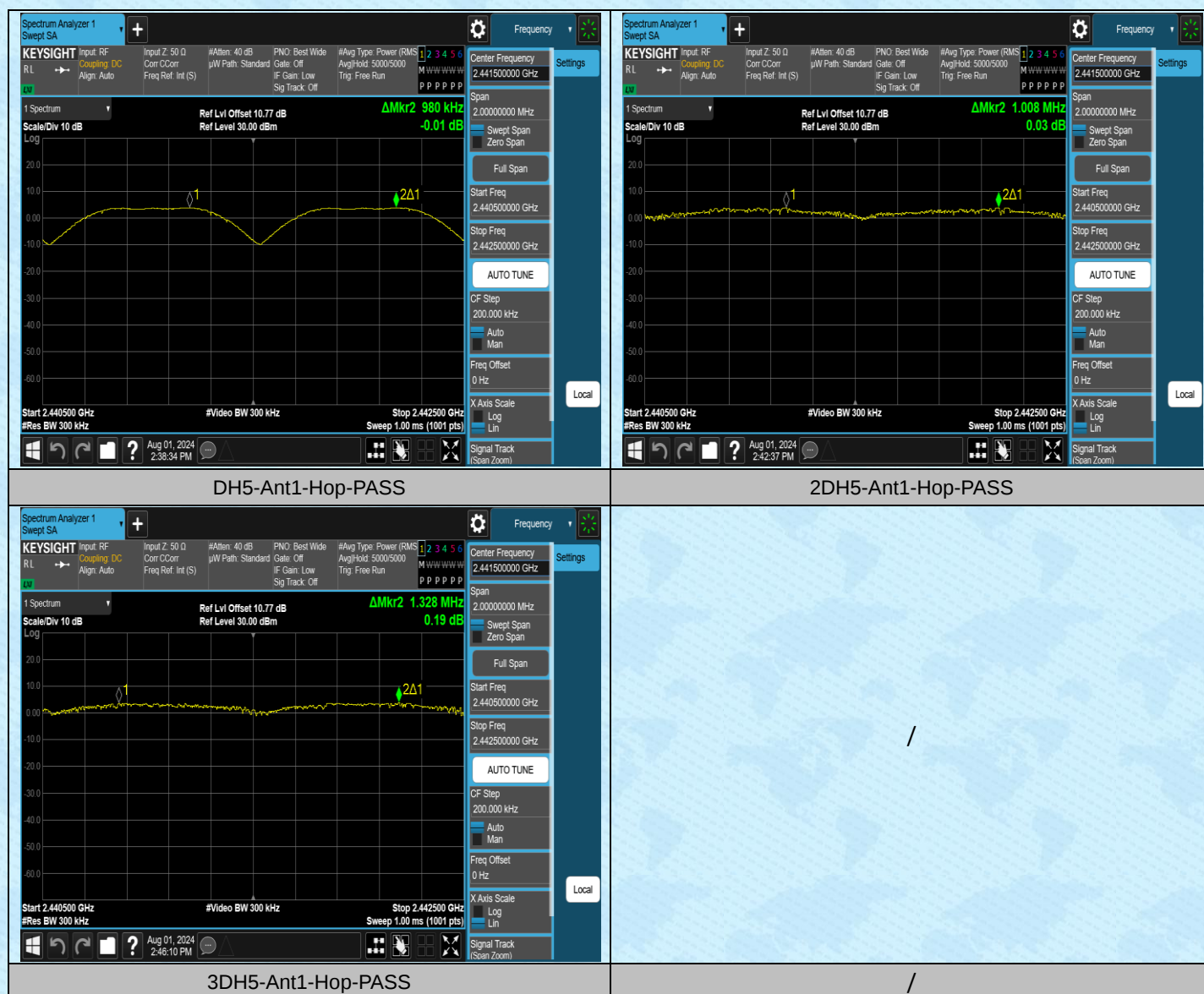


AppendixD: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.98	≥ 0.948	PASS
2DH5	Ant1	Hop	1.008	≥ 0.860	PASS
3DH5	Ant1	Hop	1.328	≥ 0.862	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	0.370	320	0.118	≤0.4	PASS
DH3	Ant1	Hop	1.626	160	0.26	≤0.4	PASS
DH5	Ant1	Hop	2.874	106.67	0.307	≤0.4	PASS
2DH1	Ant1	Hop	0.380	320	0.122	≤0.4	PASS
2DH3	Ant1	Hop	1.631	160	0.261	≤0.4	PASS
2DH5	Ant1	Hop	2.879	106.67	0.307	≤0.4	PASS
3DH1	Ant1	Hop	0.380	320	0.122	≤0.4	PASS
3DH3	Ant1	Hop	1.630	160	0.261	≤0.4	PASS
3DH5	Ant1	Hop	2.882	106.67	0.307	≤0.4	PASS

Note:

DH5/2DH5/3DH5: TotalHops=1600/79/6*0.4*79

DH5/2DH5/3DH5: Time of occupancy= TotalHops * (BurstWidth) /1000

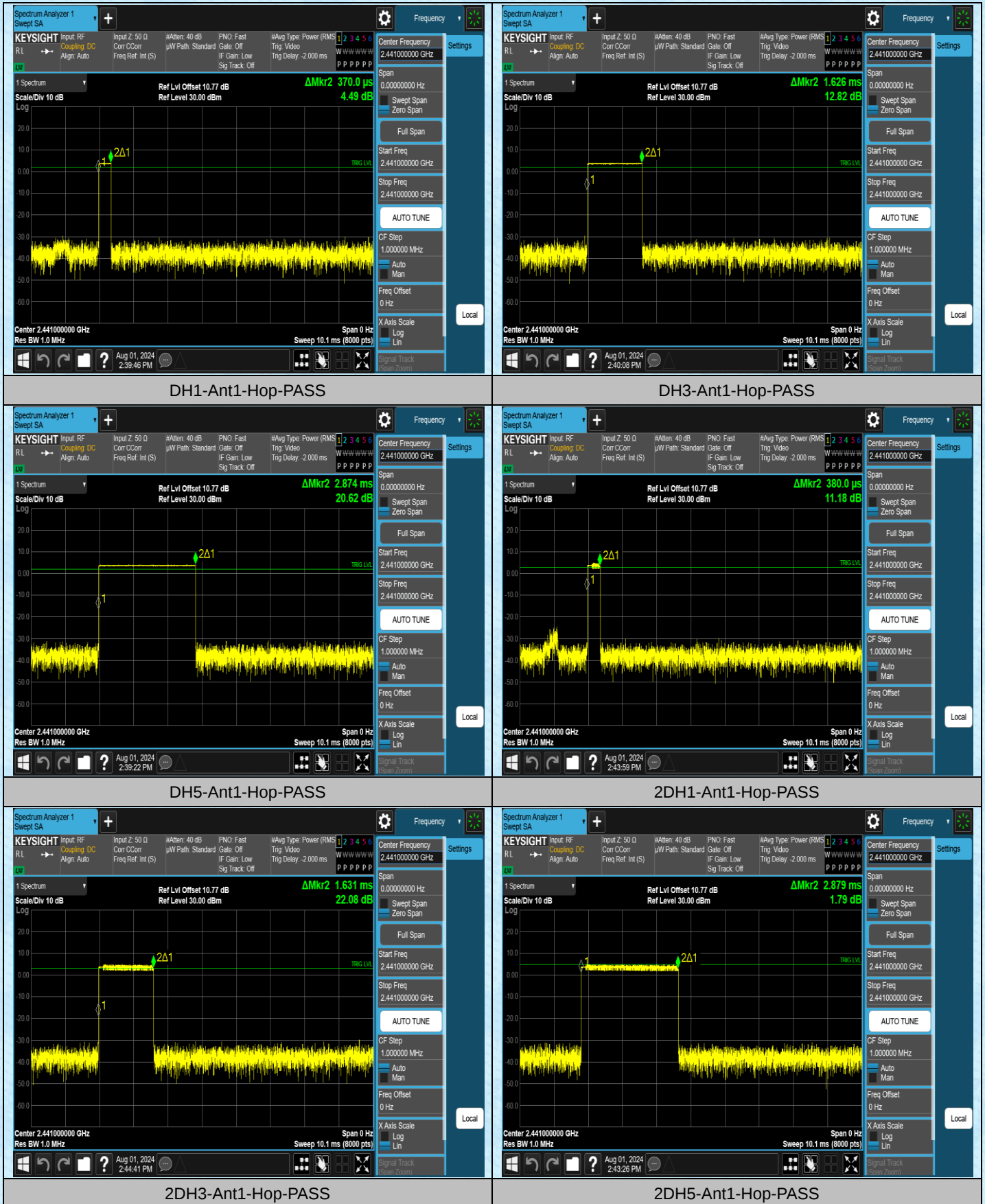
DH3/2DH3/3DH3: TotalHops=1600/79/4*0.4*79

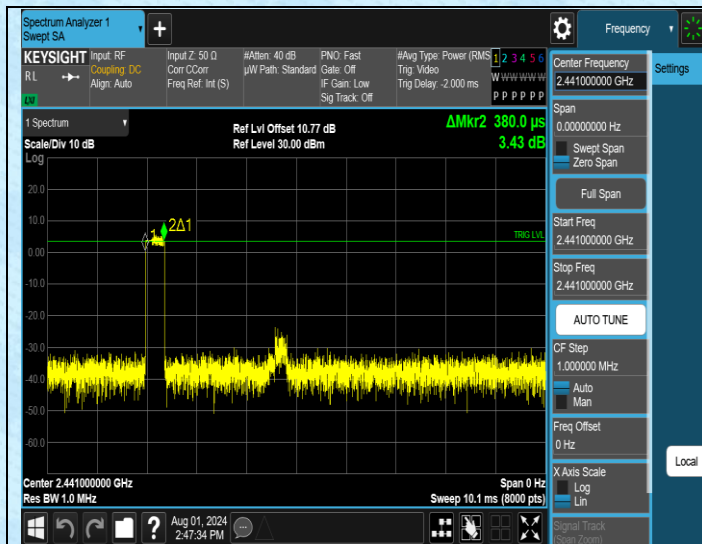
DH3/2DH3/3DH3: Time of occupancy= TotalHops * (BurstWidth) /1000

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

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

Test Graphs

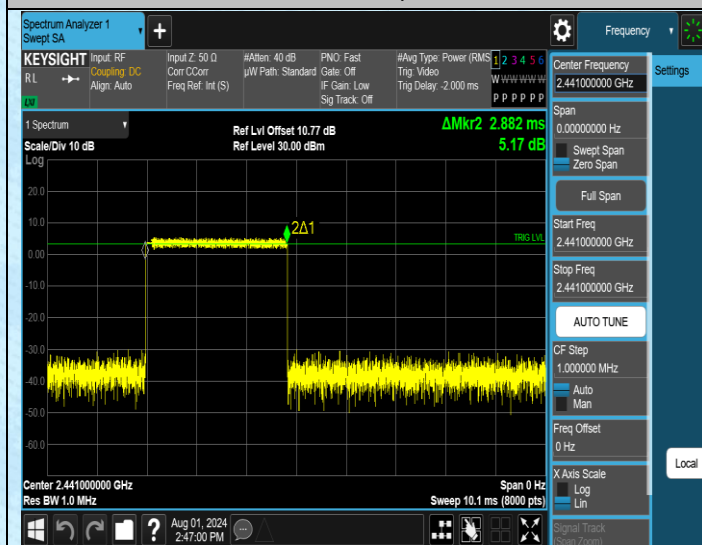




3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



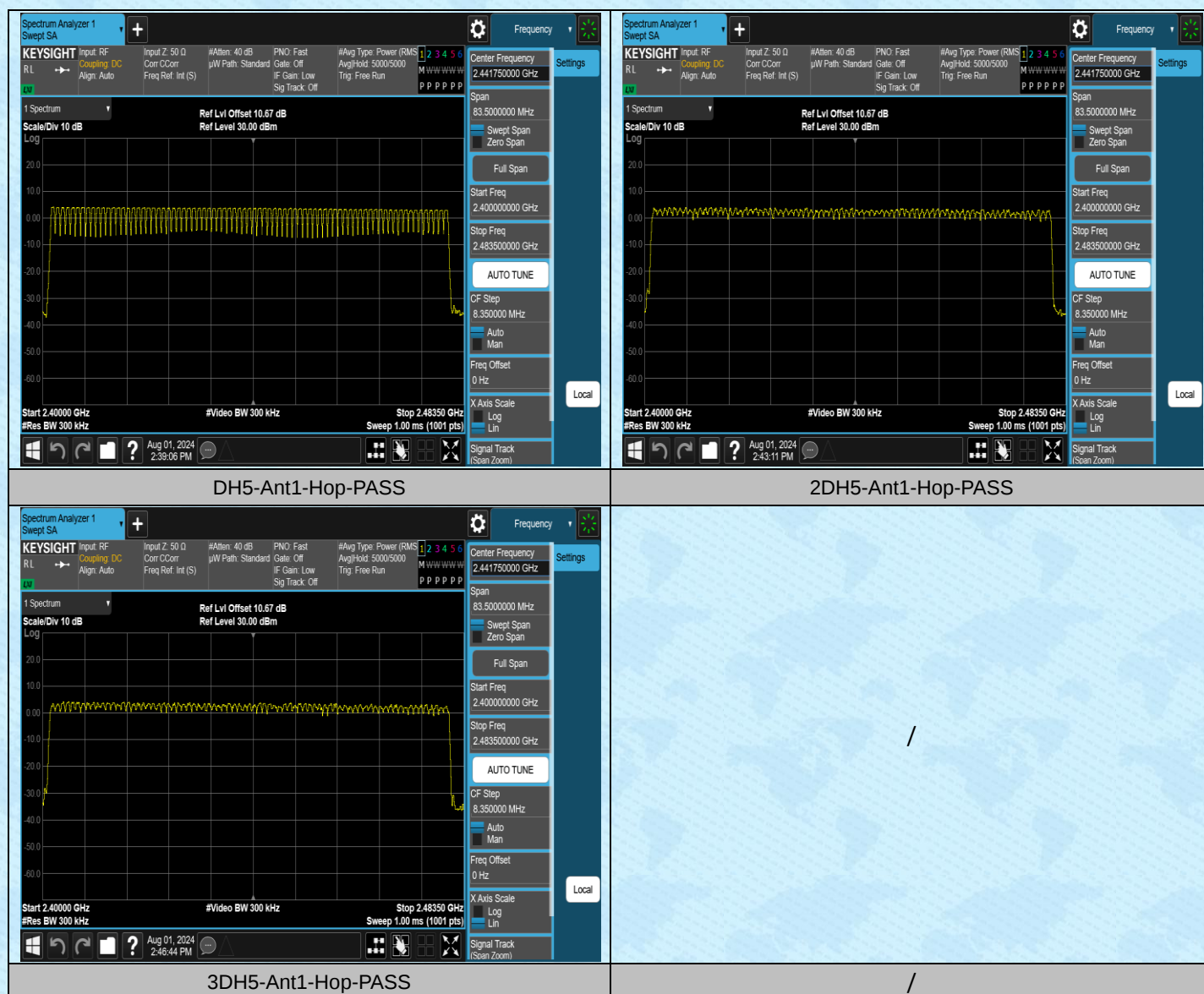
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AppendixF: Number of hopping channels

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	4.04	-34.72	≤-15.96	PASS
DH5	Ant1	High	2480	2.42	-47.12	≤-17.58	PASS
DH5	Ant1	Low	Hop_2402	2.88	-44.66	≤-17.12	PASS
DH5	Ant1	High	Hop_2480	2.33	-42.85	≤-17.67	PASS
2DH5	Ant1	Low	2402	3.11	-36.53	≤-16.89	PASS
2DH5	Ant1	High	2480	1.43	-48.95	≤-18.57	PASS
2DH5	Ant1	Low	Hop_2402	-1.26	-46.51	≤-21.26	PASS
2DH5	Ant1	High	Hop_2480	-0.49	-43.23	≤-20.49	PASS
3DH5	Ant1	Low	2402	1.68	-42.06	≤-18.32	PASS
3DH5	Ant1	High	2480	2.91	-47.18	≤-17.09	PASS
3DH5	Ant1	Low	Hop_2402	-0.69	-45.74	≤-20.69	PASS
3DH5	Ant1	High	Hop_2480	0.98	-42.29	≤-19.02	PASS