

AppendixA: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.050	2401.472	2402.522	---	---
DH5	Ant1	2441	1.053	2440.472	2441.525	---	---
DH5	Ant1	2480	1.056	2479.469	2480.525	---	---
2DH5	Ant1	2402	1.179	2401.397	2402.576	---	---
2DH5	Ant1	2441	1.191	2440.394	2441.585	---	---
2DH5	Ant1	2480	1.278	2479.367	2480.645	---	---
3DH5	Ant1	2402	1.191	2401.409	2402.600	---	---
3DH5	Ant1	2441	1.206	2440.403	2441.609	---	---
3DH5	Ant1	2480	1.197	2479.406	2480.603	---	---

Test Graphs





DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

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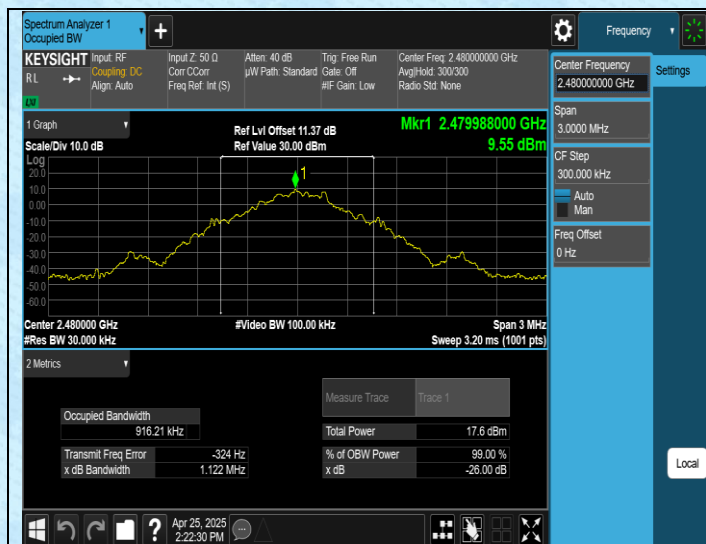
AppendixB: Occupied Channel Bandwidth

Test Result

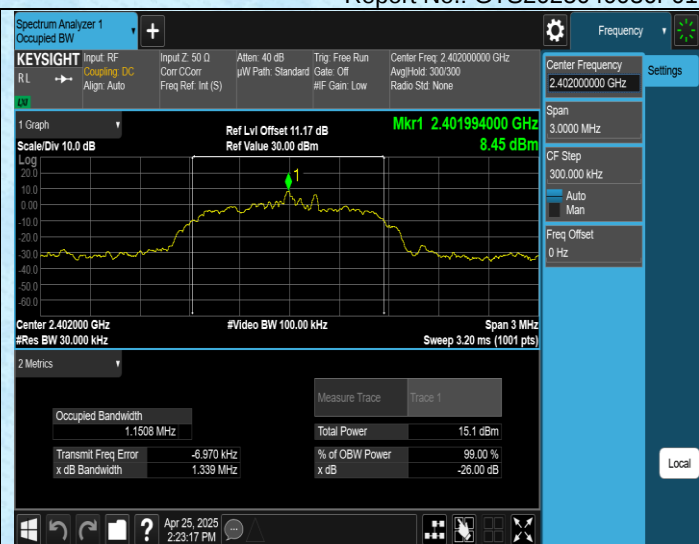
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.90709	2401.5239	2402.4310	---	---
DH5	Ant1	2441	0.92261	2440.5434	2441.4660	---	---
DH5	Ant1	2480	0.91621	2479.5416	2480.4578	---	---
2DH5	Ant1	2402	1.1508	2401.4176	2402.5684	---	---
2DH5	Ant1	2441	1.1388	2440.4245	2441.5633	---	---
2DH5	Ant1	2480	1.1521	2479.4171	2480.5692	---	---
3DH5	Ant1	2402	1.1431	2401.4285	2402.5716	---	---
3DH5	Ant1	2441	1.1549	2440.4201	2441.5750	---	---
3DH5	Ant1	2480	1.1496	2479.4252	2480.5748	---	---

Test Graphs

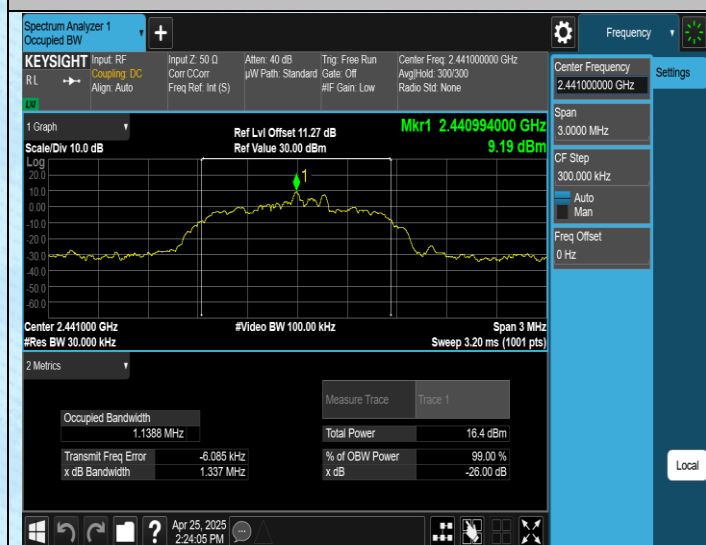




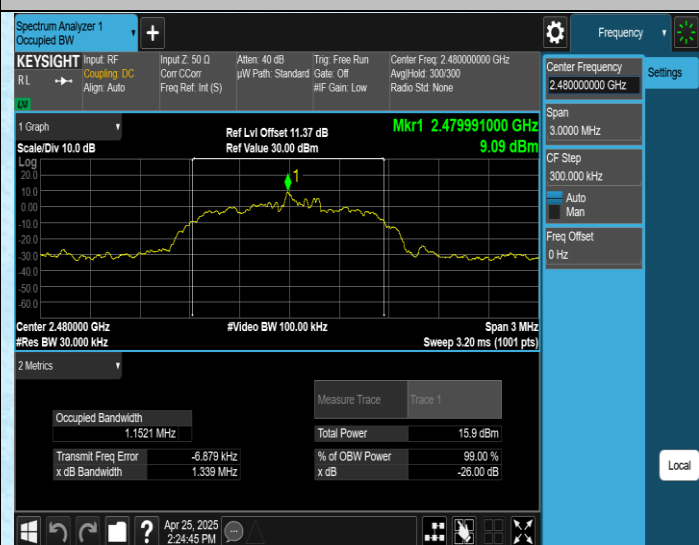
DH5-Ant1-2480



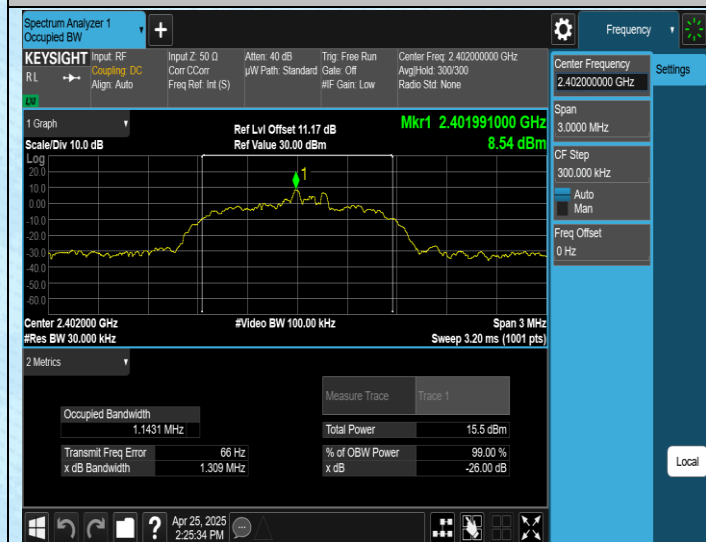
2DH5-Ant1-2402



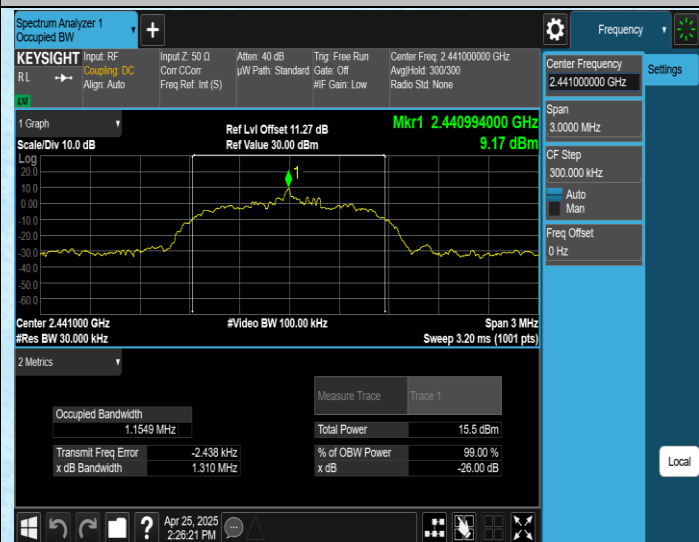
2DH5-Ant1-2441



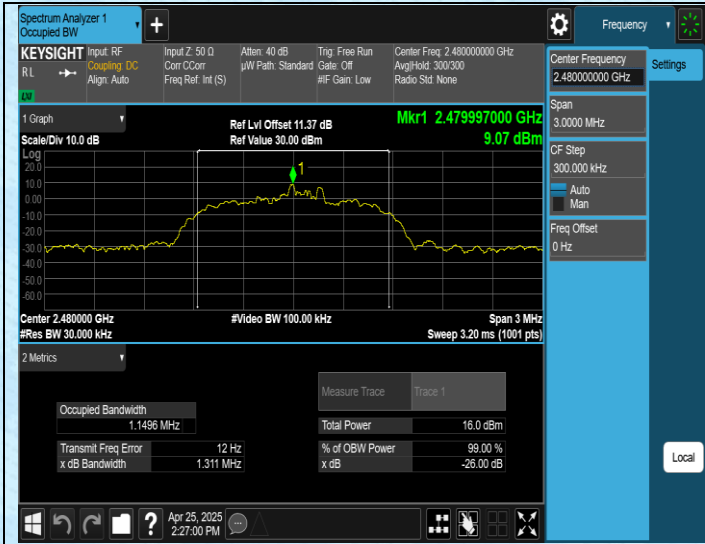
2DH5-Ant1-2480



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 Avg Power[dBm]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Gain [dBi]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
DH5	Ant1	2402	8.00	10.39	≤20.97	-3.03	7.36	≤36	PASS
DH5	Ant1	2441	8.61	11.00	≤20.97	-3.03	7.97	≤36	PASS
DH5	Ant1	2480	8.56	10.95	≤20.97	-3.03	7.92	≤36	PASS
2DH5	Ant1	2402	7.24	9.63	≤20.97	-3.03	6.60	≤36	PASS
2DH5	Ant1	2441	7.91	10.31	≤20.97	-3.03	7.28	≤36	PASS
2DH5	Ant1	2480	7.90	10.29	≤20.97	-3.03	7.26	≤36	PASS
3DH5	Ant1	2402	7.33	9.73	≤20.97	-3.03	6.70	≤36	PASS
3DH5	Ant1	2441	8.06	10.43	≤20.97	-3.03	7.40	≤36	PASS
3DH5	Ant1	2480	8.10	10.47	≤20.97	-3.03	7.44	≤36	PASS

Test Graphs







3DH5-Ant1-2480-PASS

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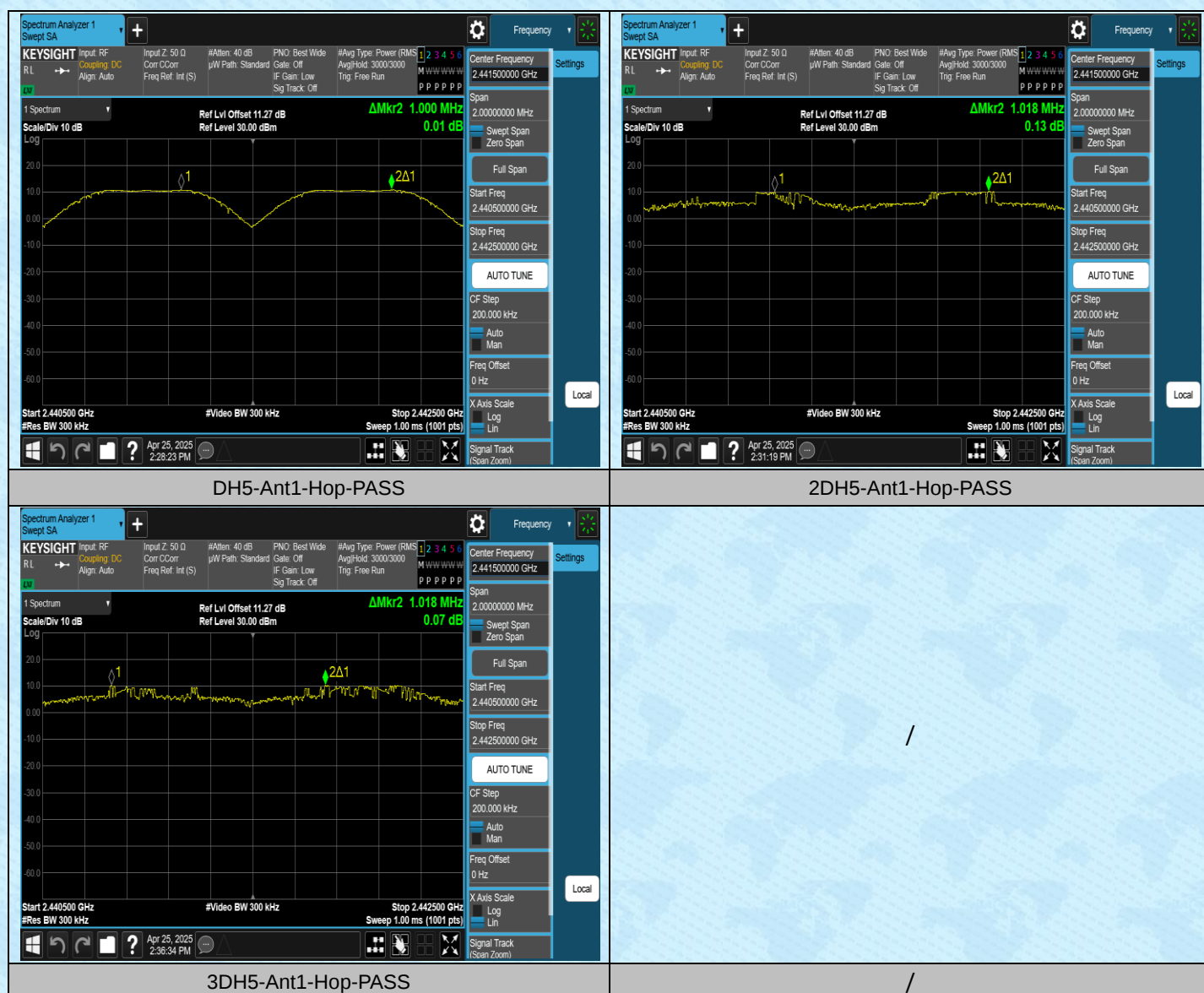
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AppendixD: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1	≥ 0.704	PASS
2DH5	Ant1	Hop	1.018	≥ 0.852	PASS
3DH5	Ant1	Hop	1.018	≥ 0.804	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	0.376	320	0.12	≤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	0.386	320	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.638	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.887	106.67	0.308	≤0.4	PASS
3DH1	Ant1	Hop	0.386	320	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.637	160	0.262	≤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

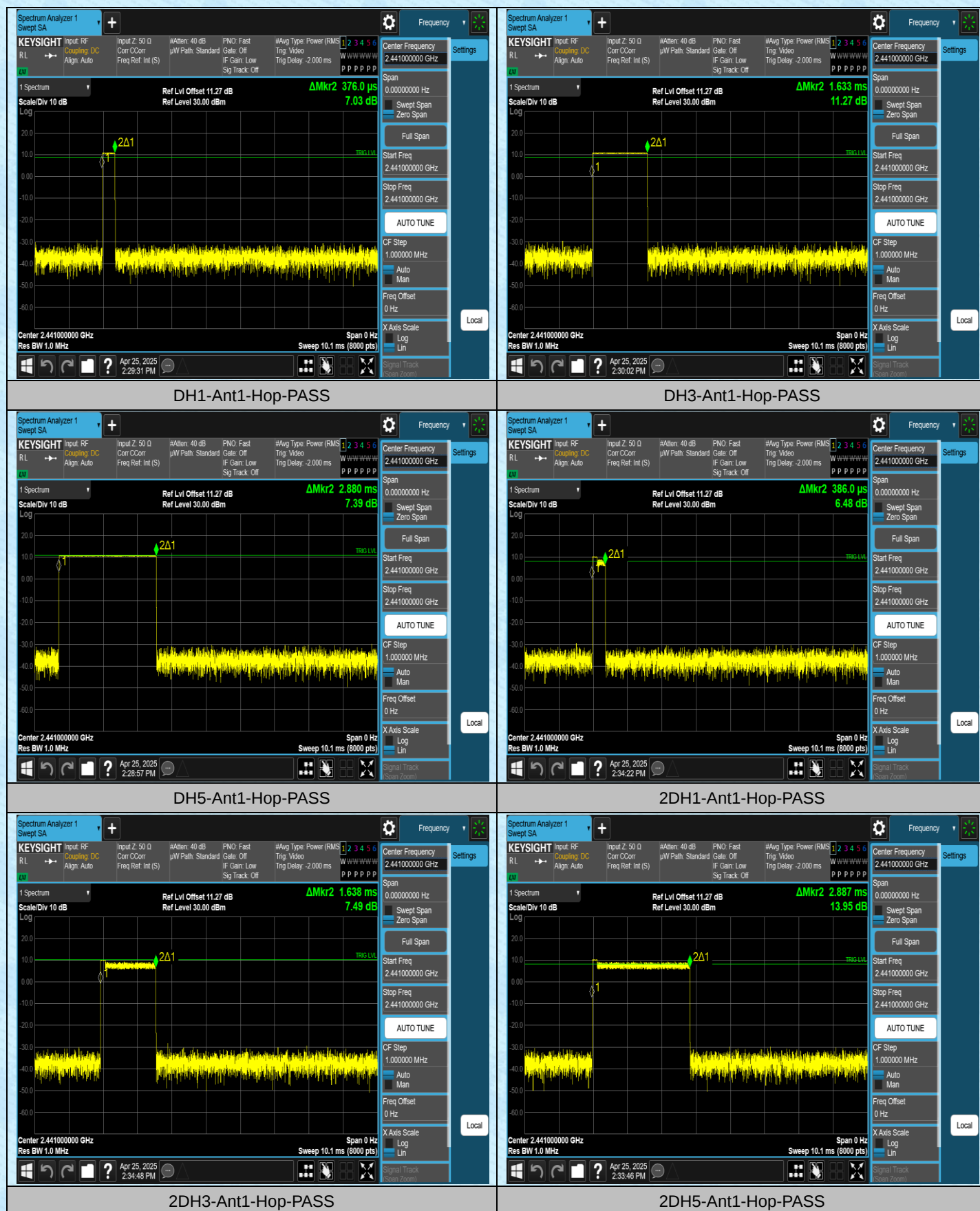
DH3/2DH3/3DH3: TotalHops=1600/79/4*0.4*79

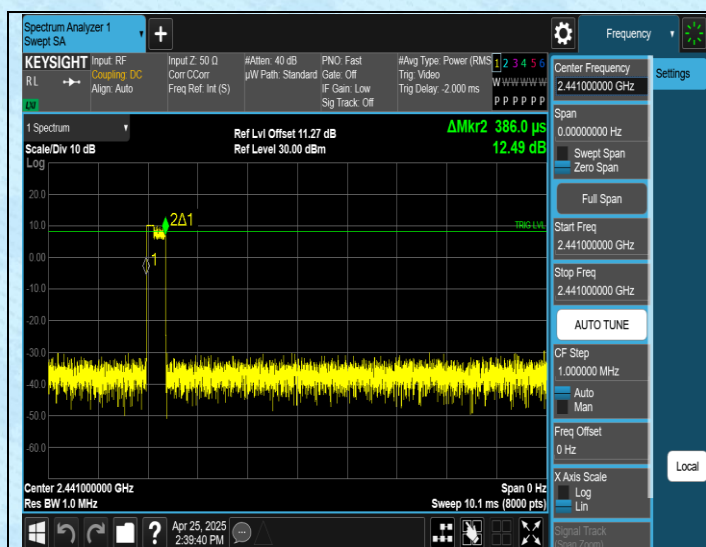
DH3/2DH3/3DH3: Time of occupancy= TotalHops * (BurstWidth) /1000

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

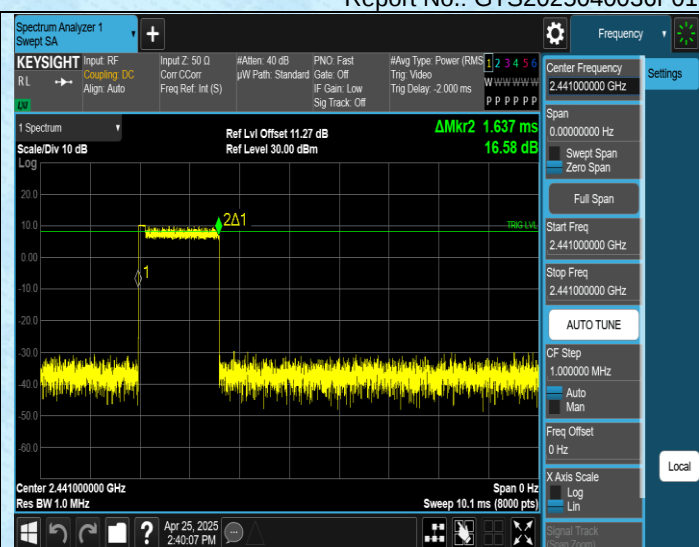
DH1/2DH1/3DH1: Time of occupancy= TotalHops * (BurstWidth) /1000

Test Graphs

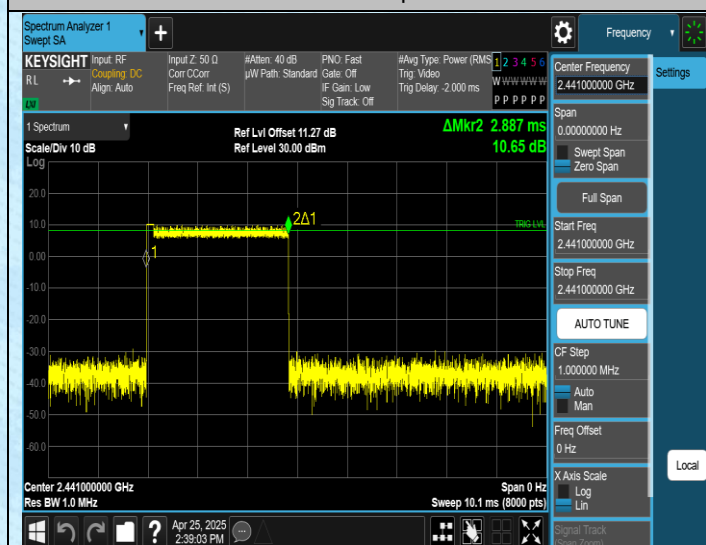




3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



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