

AppendixA: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.954	2401.532	2402.486	---	---
DH5	Ant1	2441	0.954	2440.535	2441.489	---	---
DH5	Ant1	2480	0.948	2479.535	2480.483	---	---
2DH5	Ant1	2402	1.329	2401.340	2402.669	---	---
2DH5	Ant1	2441	1.332	2440.337	2441.669	---	---
2DH5	Ant1	2480	1.356	2479.328	2480.684	---	---
3DH5	Ant1	2402	1.311	2401.352	2402.663	---	---
3DH5	Ant1	2441	1.299	2440.358	2441.657	---	---
3DH5	Ant1	2480	1.305	2479.352	2480.657	---	---

Test Graphs





2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

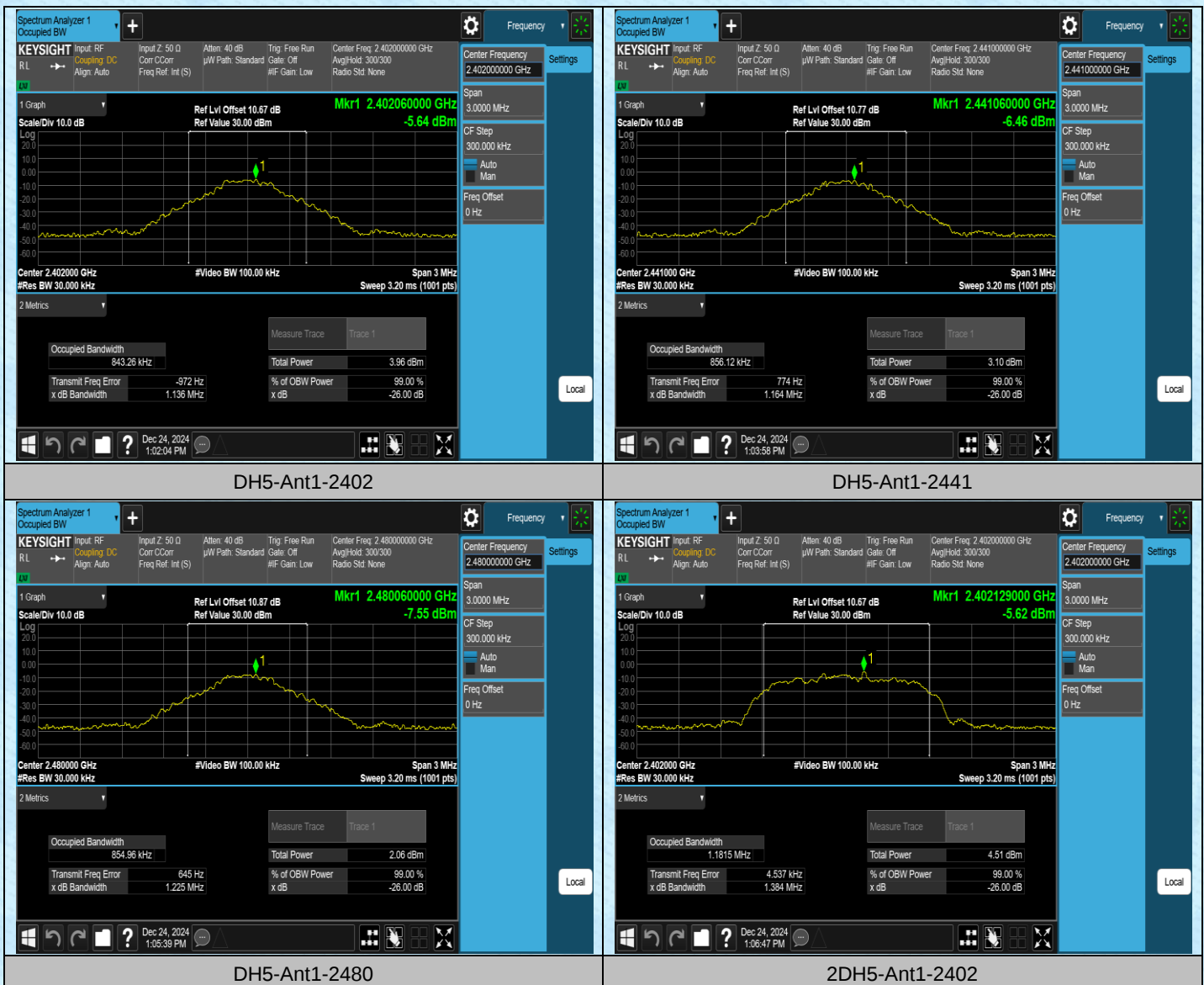


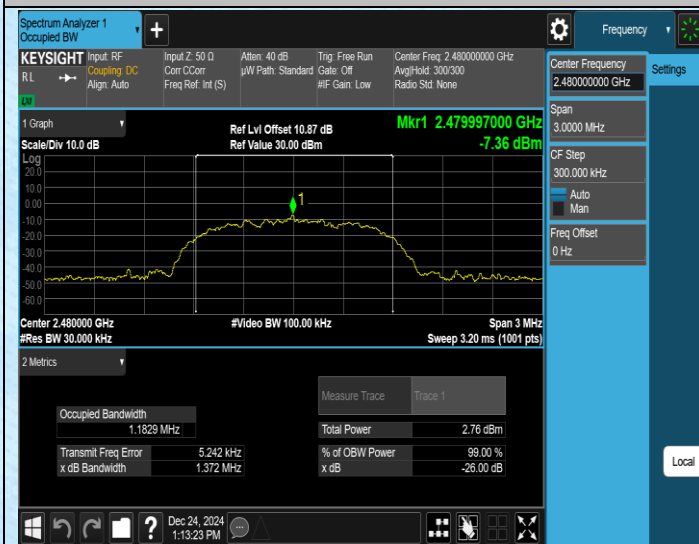
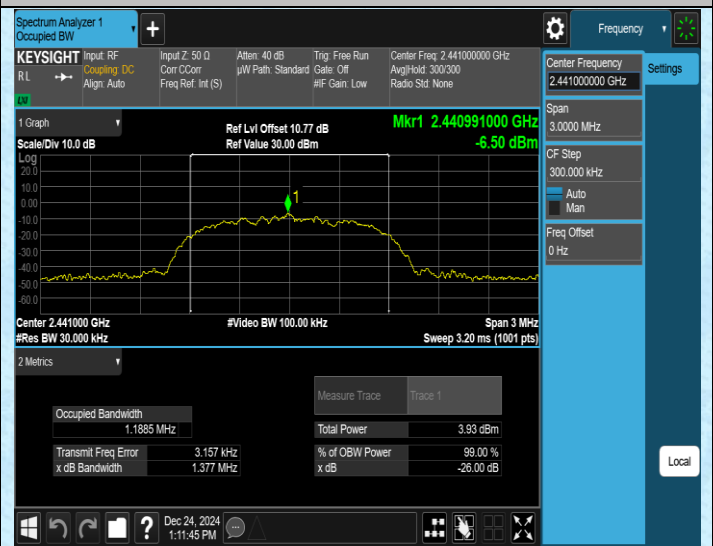
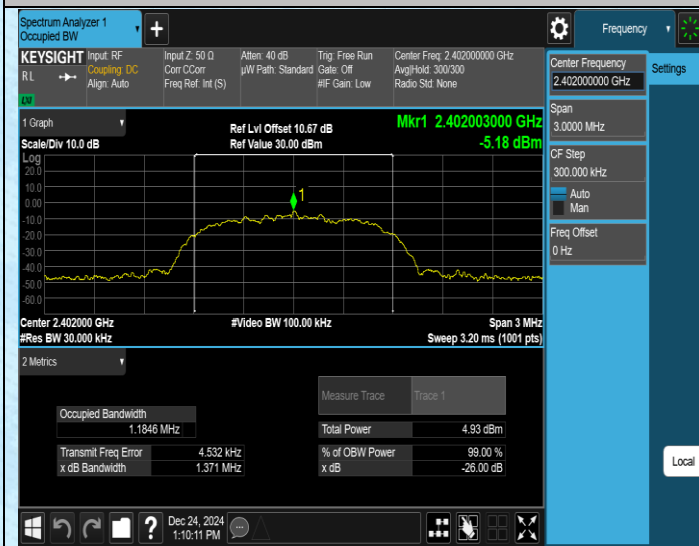
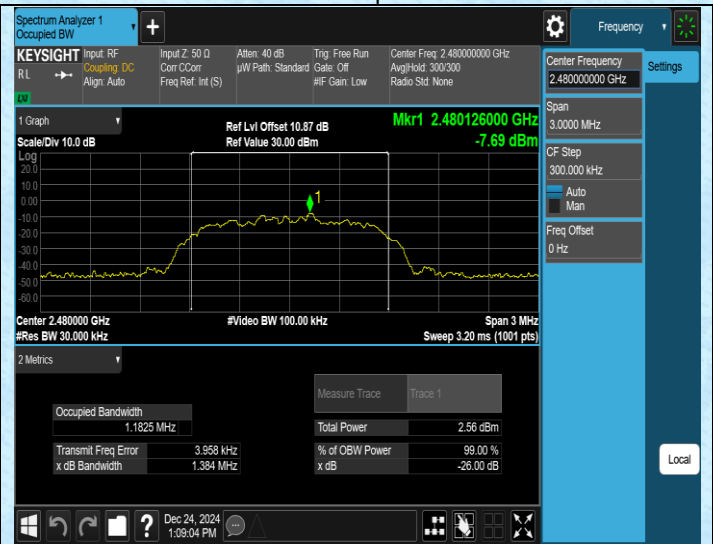
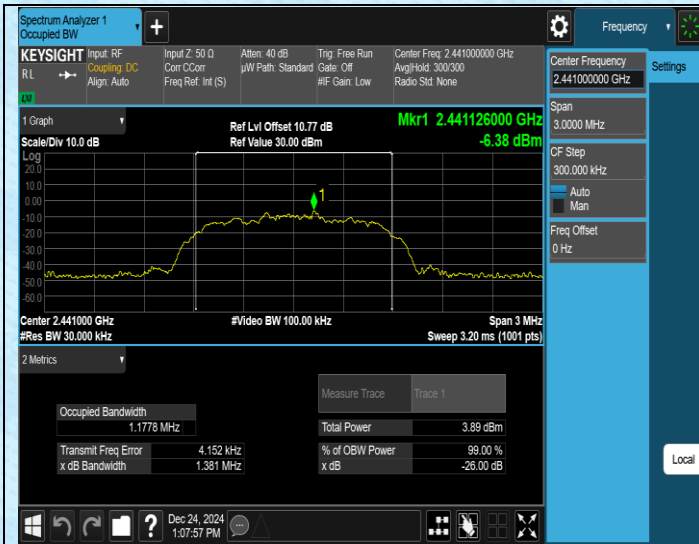
AppendixB: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.84326	2401.5774	2402.4207	---	---
DH5	Ant1	2441	0.85612	2440.5727	2441.4288	---	---
DH5	Ant1	2480	0.85496	2479.5732	2480.4281	---	---
2DH5	Ant1	2402	1.1815	2401.4138	2402.5953	---	---
2DH5	Ant1	2441	1.1778	2440.4153	2441.5931	---	---
2DH5	Ant1	2480	1.1825	2479.4127	2480.5952	---	---
3DH5	Ant1	2402	1.1846	2401.4122	2402.5968	---	---
3DH5	Ant1	2441	1.1885	2440.4089	2441.5974	---	---
3DH5	Ant1	2480	1.1829	2479.4138	2480.5967	---	---

Test Graphs



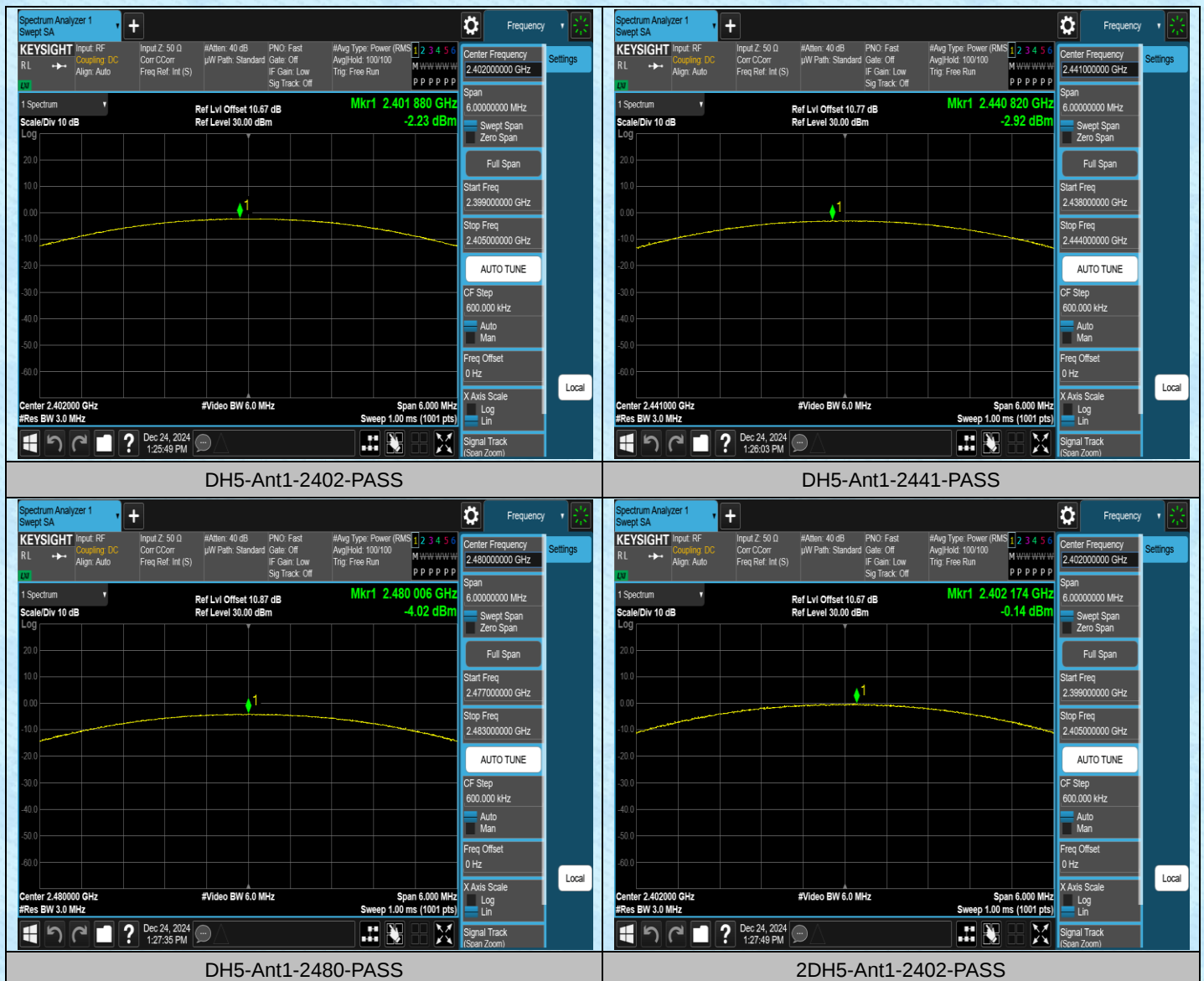


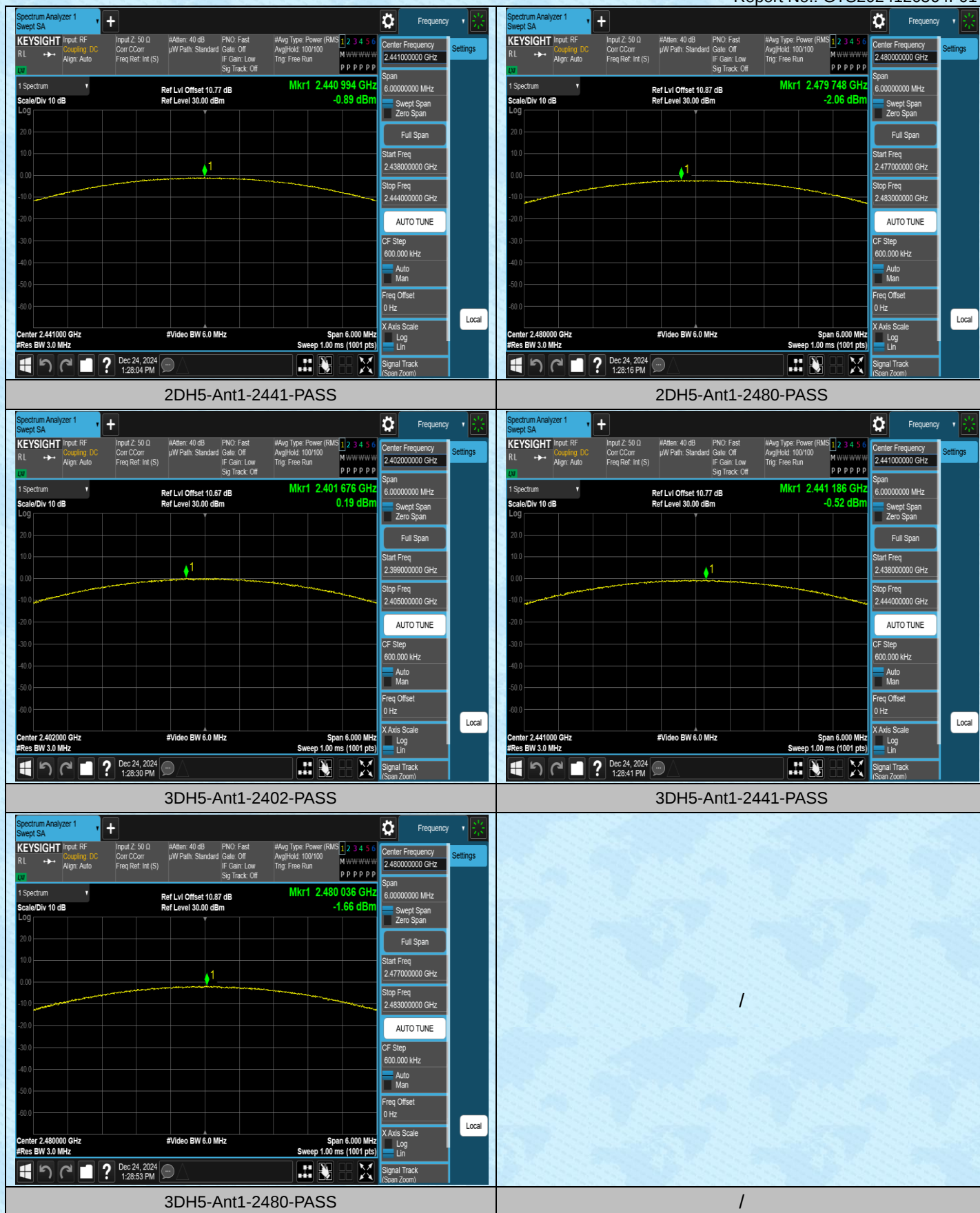
AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-2.23	≤30	PASS
DH5	Ant1	2441	-2.92	≤30	PASS
DH5	Ant1	2480	-4.02	≤30	PASS
2DH5	Ant1	2402	-0.14	≤20.97	PASS
2DH5	Ant1	2441	-0.89	≤20.97	PASS
2DH5	Ant1	2480	-2.07	≤20.97	PASS
3DH5	Ant1	2402	0.19	≤20.97	PASS
3DH5	Ant1	2441	-0.52	≤20.97	PASS
3DH5	Ant1	2480	-1.66	≤20.97	PASS

Test Graphs



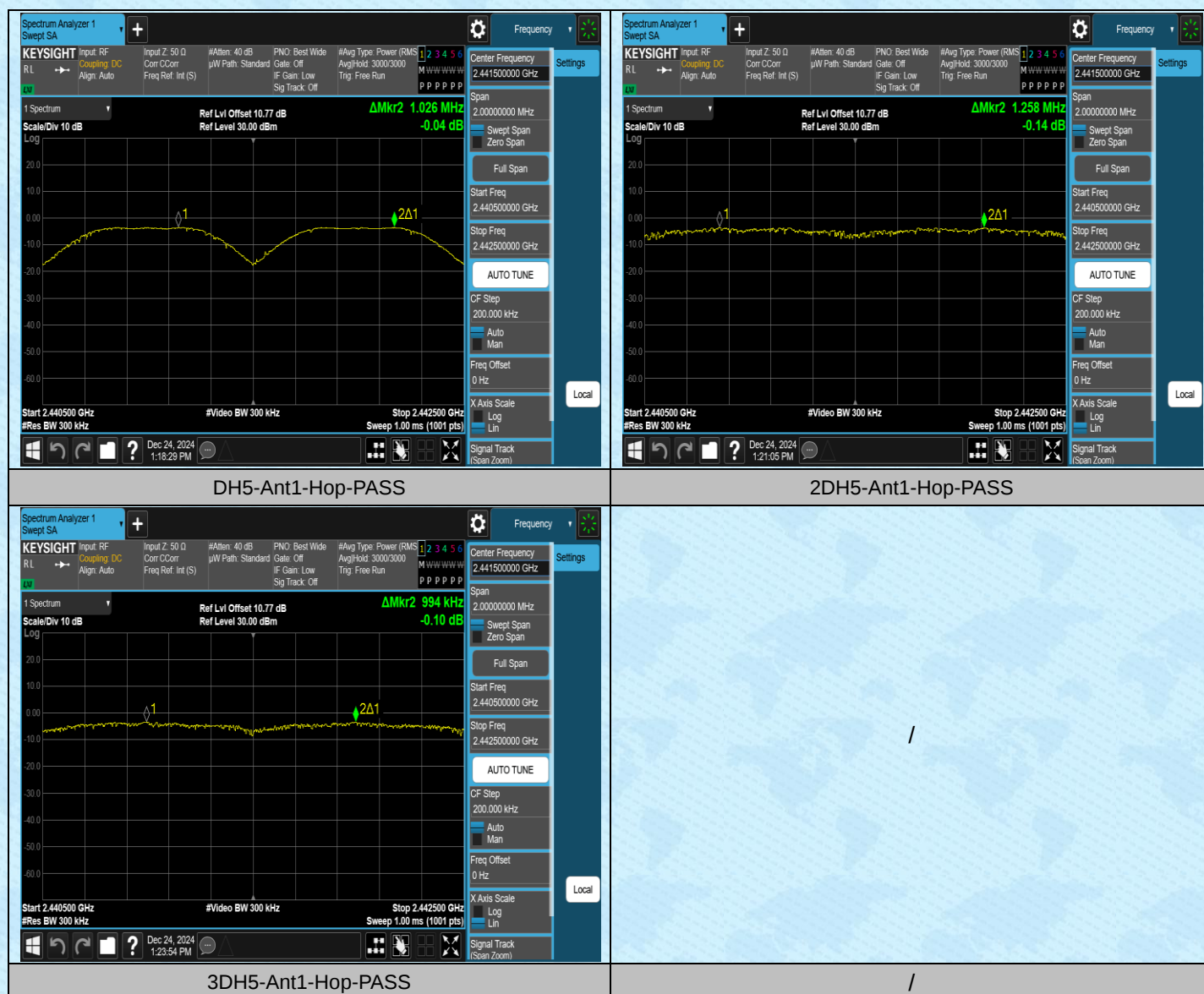


AppendixD: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.026	≥ 0.954	PASS
2DH5	Ant1	Hop	1.258	≥ 0.904	PASS
3DH5	Ant1	Hop	0.994	≥ 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	0.395	320	0.126	≤0.4	PASS
DH3	Ant1	Hop	1.652	160	0.264	≤0.4	PASS
DH5	Ant1	Hop	2.899	106.67	0.309	≤0.4	PASS
2DH1	Ant1	Hop	0.405	320	0.13	≤0.4	PASS
2DH3	Ant1	Hop	1.658	160	0.265	≤0.4	PASS
2DH5	Ant1	Hop	2.901	106.67	0.309	≤0.4	PASS
3DH1	Ant1	Hop	0.405	320	0.13	≤0.4	PASS
3DH3	Ant1	Hop	1.656	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

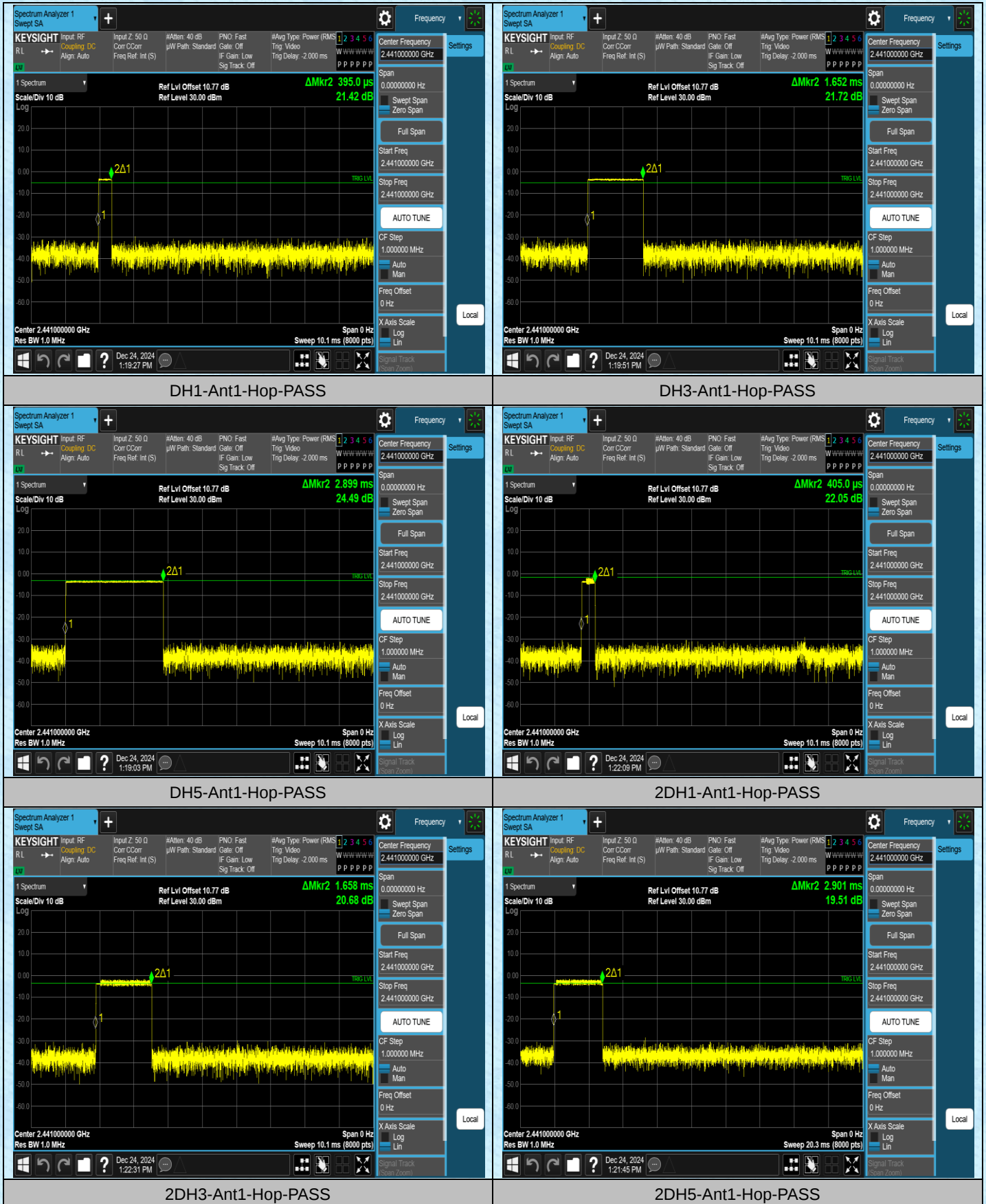
DH3/2DH3/3DH3:TotalHops=1600/79/4*0.4*79

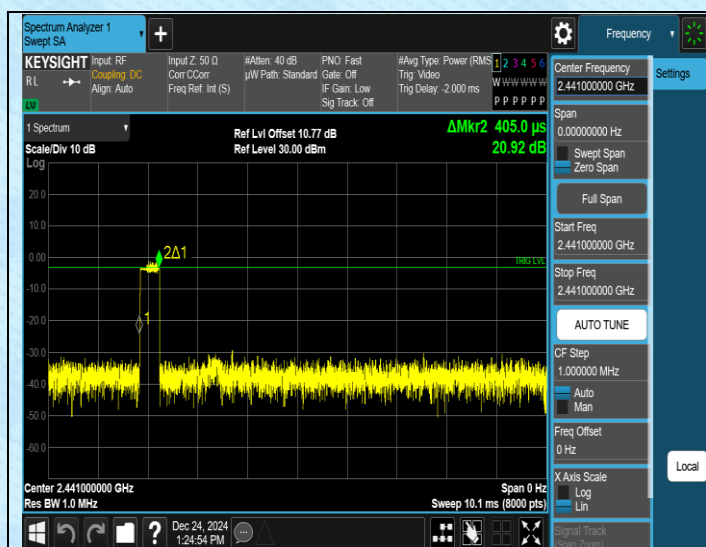
DH3/2DH3/3DH3: Time of occupancy= TotalHops * (BurstWidth) /1000

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

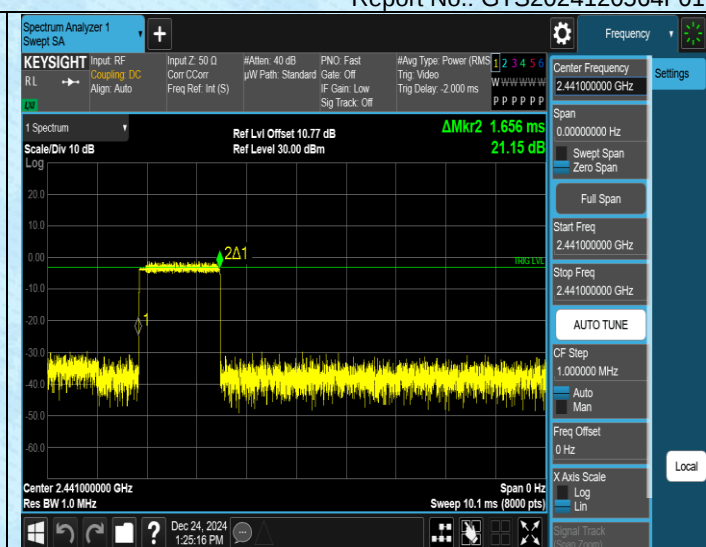
DH1/2DH1/3DH1: Time of occupancy= TotalHops * (BurstWidth) /1000

Test Graphs

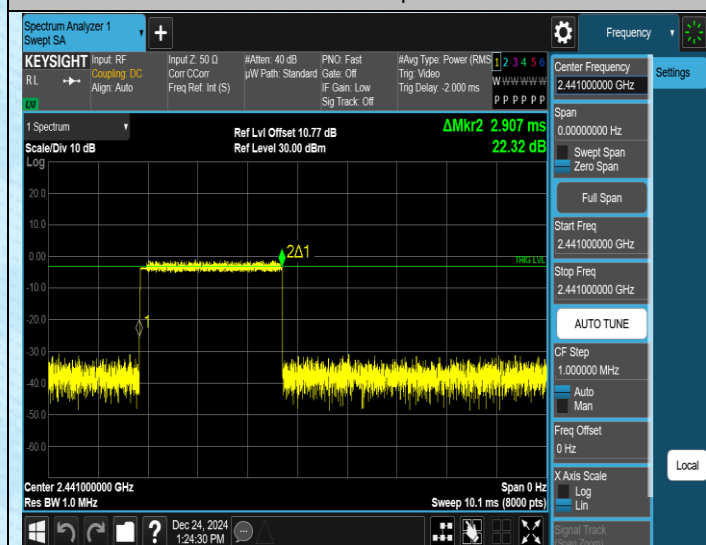




3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



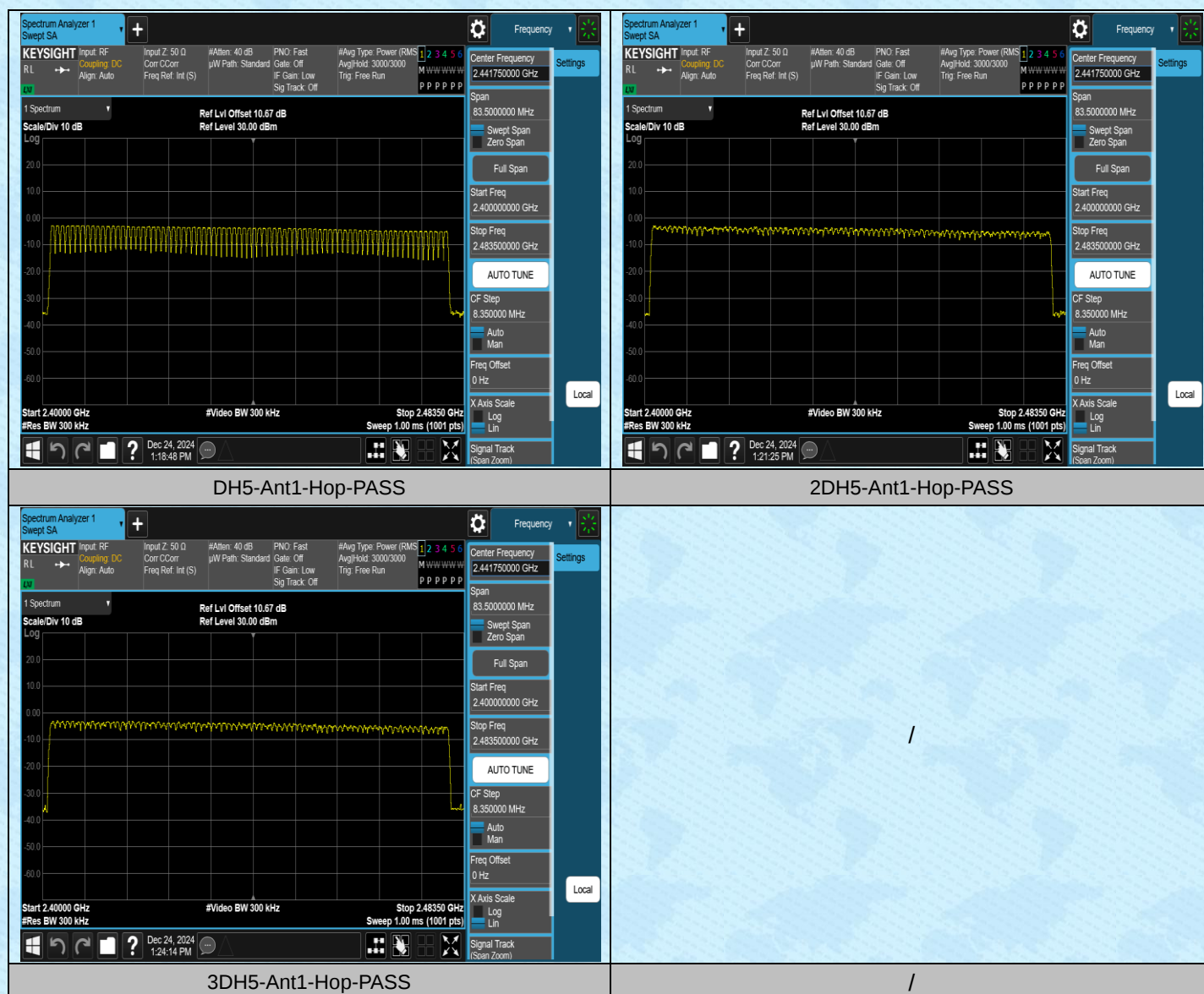
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AppendixF: Number of hopping channels

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

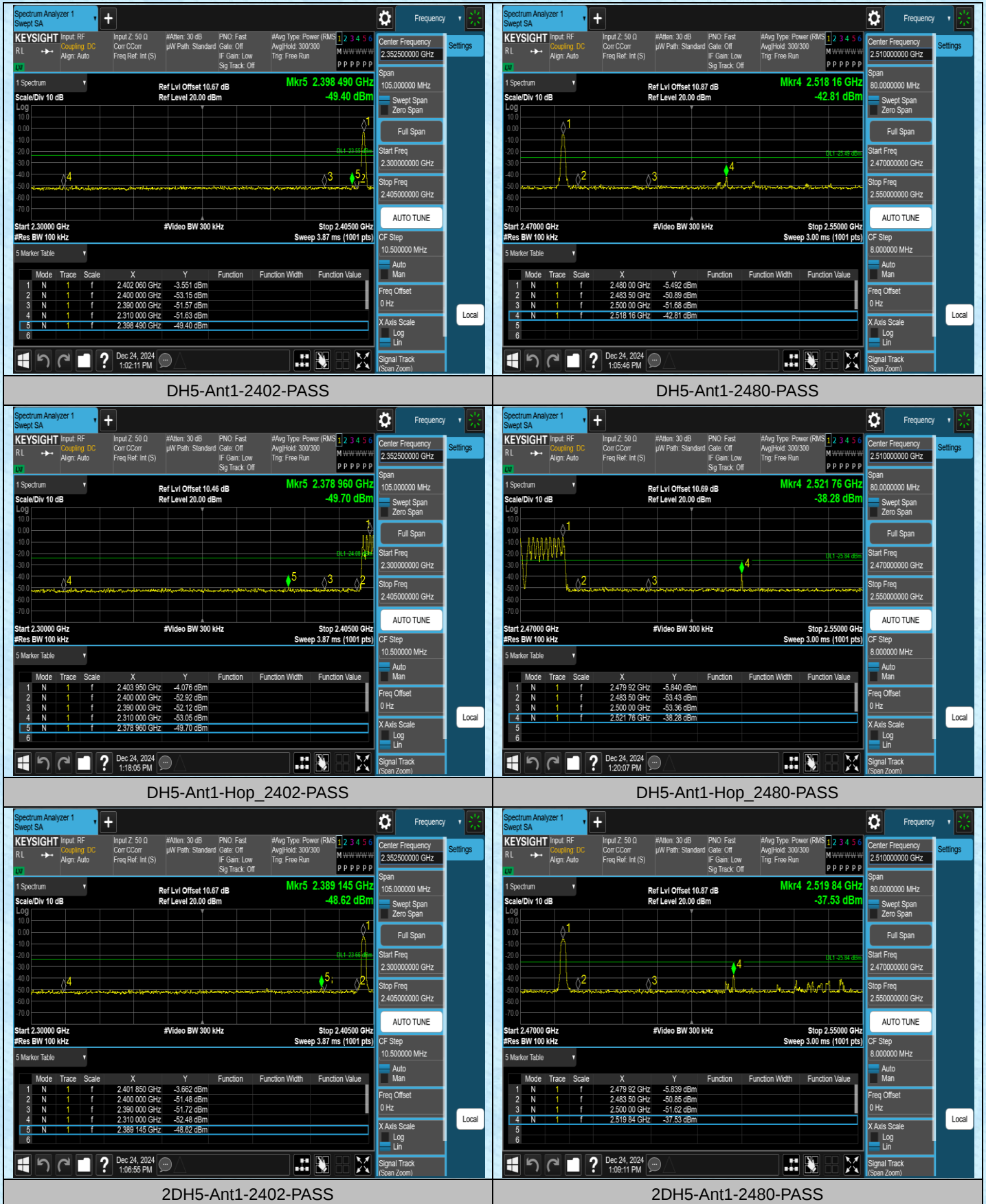


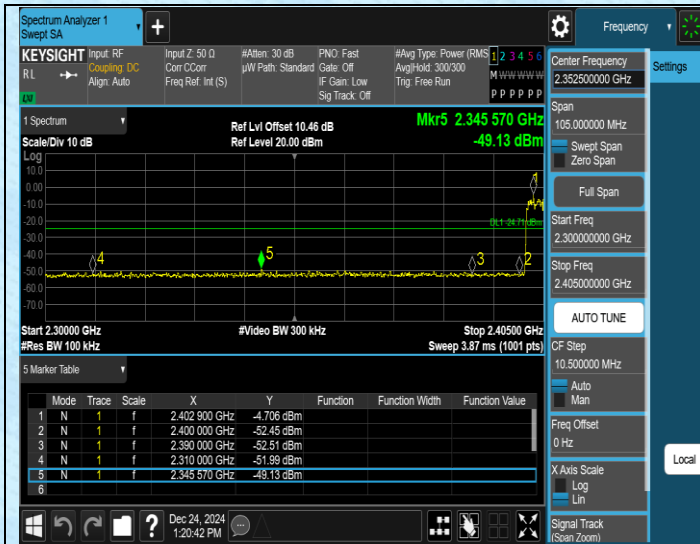
AppendixG:Band edge measurements

Test Result

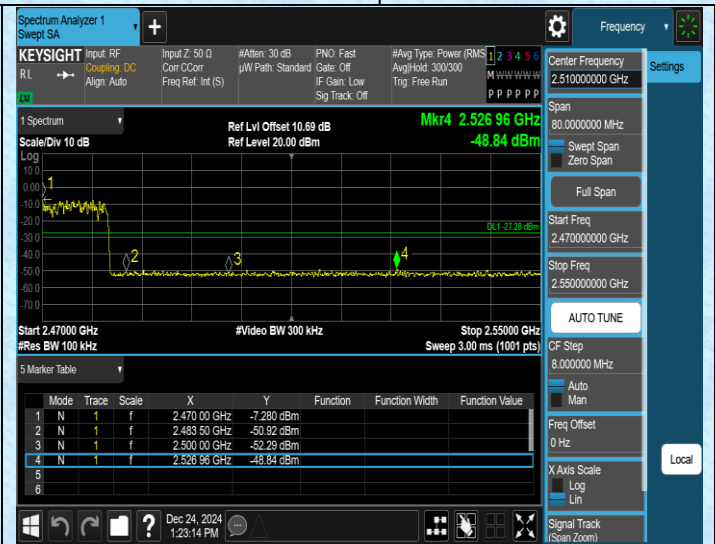
Test Mode	Antenna	Channel	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-3.55	-49.4	≤-23.55	PASS
DH5	Ant1	High	2480	-5.49	-42.81	≤-25.49	PASS
DH5	Ant1	Low	Hop_2402	-4.08	-49.7	≤-24.08	PASS
DH5	Ant1	High	Hop_2480	-5.84	-38.28	≤-25.84	PASS
2DH5	Ant1	Low	2402	-3.66	-48.62	≤-23.66	PASS
2DH5	Ant1	High	2480	-5.84	-37.53	≤-25.84	PASS
2DH5	Ant1	Low	Hop_2402	-4.71	-49.14	≤-24.71	PASS
2DH5	Ant1	High	Hop_2480	-7.28	-48.84	≤-27.28	PASS
3DH5	Ant1	Low	2402	-4.04	-48.83	≤-24.04	PASS
3DH5	Ant1	High	2480	-6.57	-37.8	≤-26.57	PASS
3DH5	Ant1	Low	Hop_2402	-5.14	-49.15	≤-25.14	PASS
3DH5	Ant1	High	Hop_2480	-6.15	-37.67	≤-26.15	PASS

Test Graphs

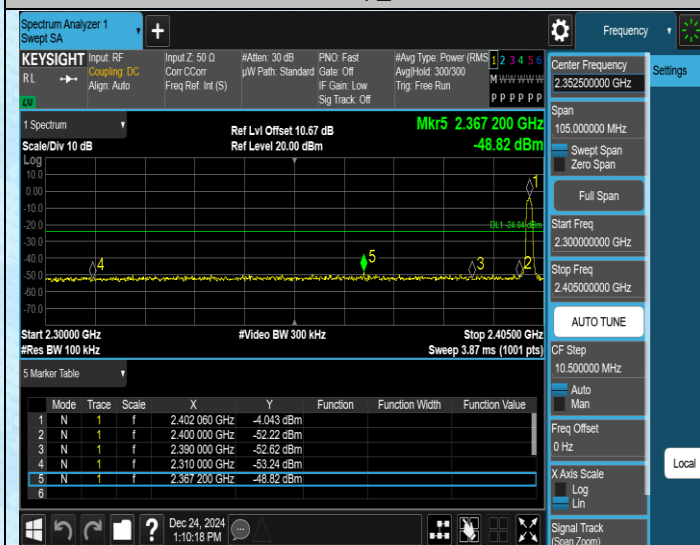




2DH5-Ant1-Hop_2402-PASS



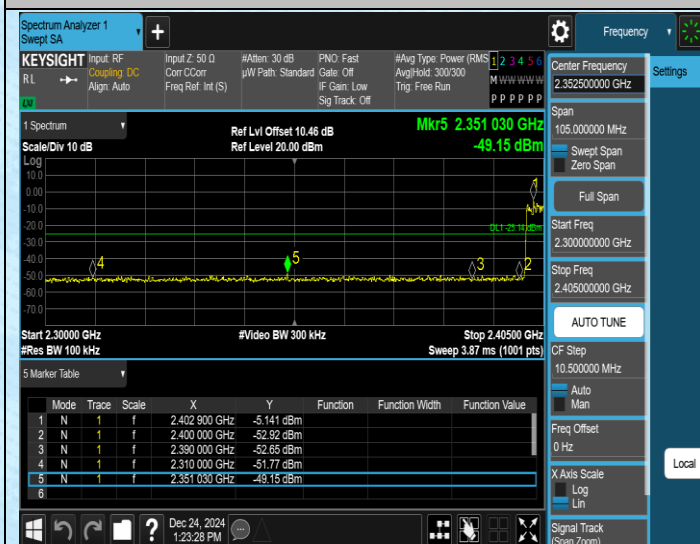
2DH5-Ant1-Hop_2480-PASS



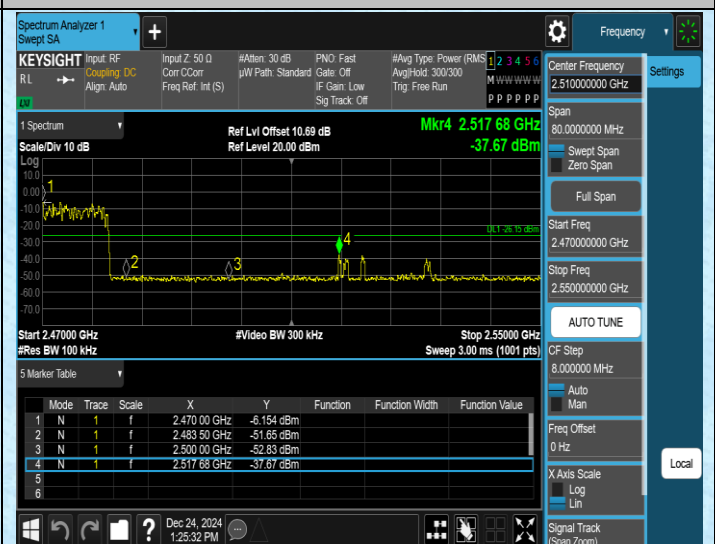
3DH5-Ant1-2402-PASS



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	-3.36	-3.36	---	PASS
DH5	Ant1	2402	30~1000	-3.36	-59.6	≤-23.36	PASS
DH5	Ant1	2402	1000~26500	-3.36	-47.88	≤-23.36	PASS
DH5	Ant1	2441	0~Reference	-3.92	-3.92	---	PASS
DH5	Ant1	2441	30~1000	-3.92	-59.06	≤-23.92	PASS
DH5	Ant1	2441	1000~26500	-3.92	-49.22	≤-23.92	PASS
DH5	Ant1	2480	0~Reference	-5.19	-5.19	---	PASS
DH5	Ant1	2480	30~1000	-5.19	-59.81	≤-25.19	PASS
DH5	Ant1	2480	1000~26500	-5.19	-49.42	≤-25.19	PASS
2DH5	Ant1	2402	0~Reference	-3.78	-3.78	---	PASS
2DH5	Ant1	2402	30~1000	-3.78	-59.14	≤-23.78	PASS
2DH5	Ant1	2402	1000~26500	-3.78	-47.54	≤-23.78	PASS
2DH5	Ant1	2441	0~Reference	-4.51	-4.51	---	PASS
2DH5	Ant1	2441	30~1000	-4.51	-58.69	≤-24.51	PASS
2DH5	Ant1	2441	1000~26500	-4.51	-49.49	≤-24.51	PASS
2DH5	Ant1	2480	0~Reference	-5.59	-5.59	---	PASS
2DH5	Ant1	2480	30~1000	-5.59	-59.09	≤-25.59	PASS
2DH5	Ant1	2480	1000~26500	-5.59	-49	≤-25.59	PASS
3DH5	Ant1	2402	0~Reference	-2.95	-2.95	---	PASS
3DH5	Ant1	2402	30~1000	-2.95	-59.24	≤-22.95	PASS
3DH5	Ant1	2402	1000~26500	-2.95	-49.91	≤-22.95	PASS
3DH5	Ant1	2441	0~Reference	-3.75	-3.75	---	PASS
3DH5	Ant1	2441	30~1000	-3.75	-58.8	≤-23.75	PASS
3DH5	Ant1	2441	1000~26500	-3.75	-50.26	≤-23.75	PASS
3DH5	Ant1	2480	0~Reference	-4.94	-4.94	---	PASS
3DH5	Ant1	2480	30~1000	-4.94	-57.88	≤-24.94	PASS
3DH5	Ant1	2480	1000~26500	-4.94	-48.95	≤-24.94	PASS