

AppendixA: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.978	2401.505	2402.483	---	---
DH5	Ant1	2441	1.008	2440.484	2441.492	---	---
DH5	Ant1	2480	0.933	2479.523	2480.456	---	---
2DH5	Ant1	2402	1.320	2401.340	2402.660	---	---
2DH5	Ant1	2441	1.311	2440.343	2441.654	---	---
2DH5	Ant1	2480	1.350	2479.319	2480.669	---	---
3DH5	Ant1	2402	1.341	2401.325	2402.666	---	---
3DH5	Ant1	2441	1.302	2440.349	2441.651	---	---
3DH5	Ant1	2480	1.317	2479.337	2480.654	---	---

Test Graphs





2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480



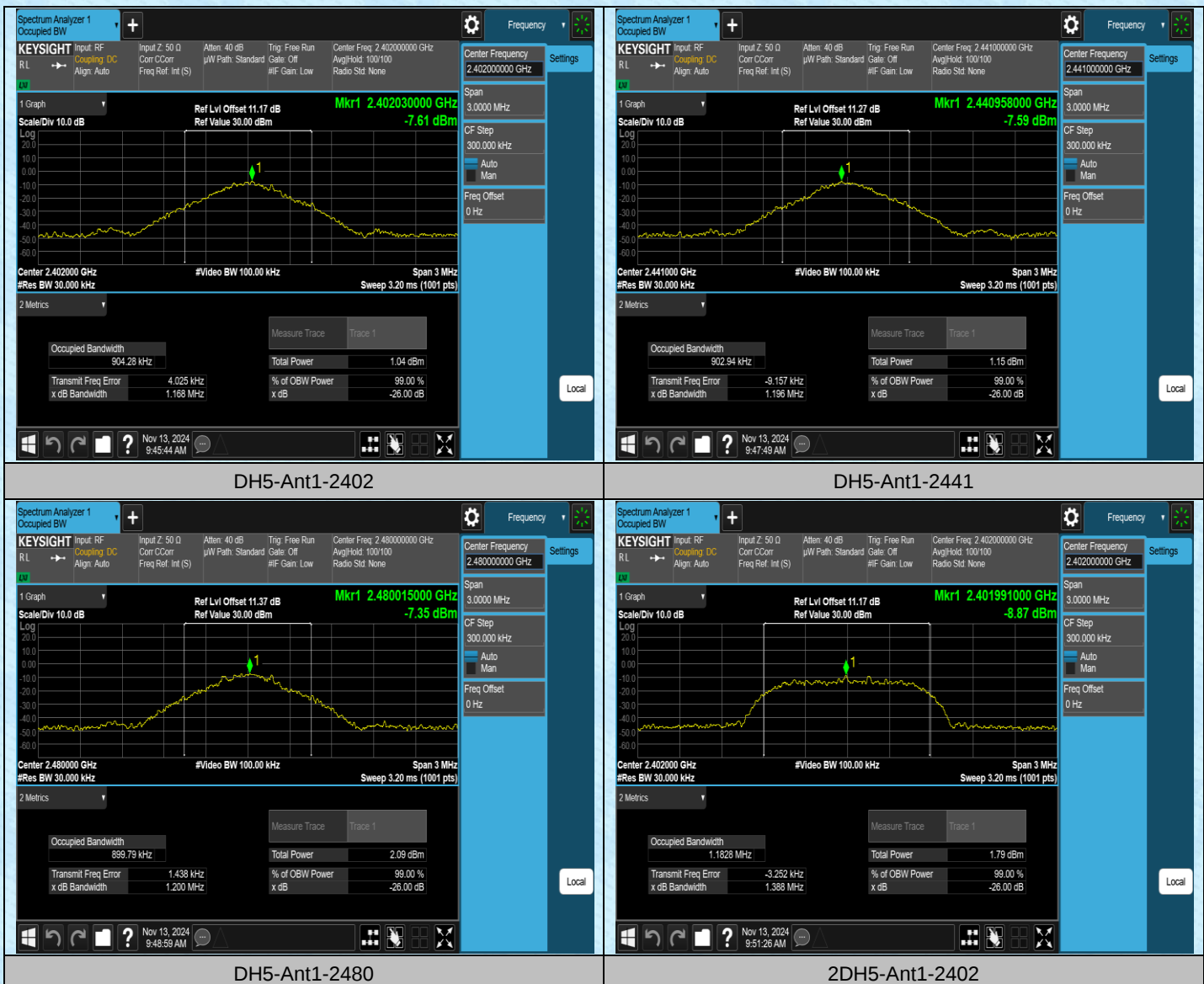
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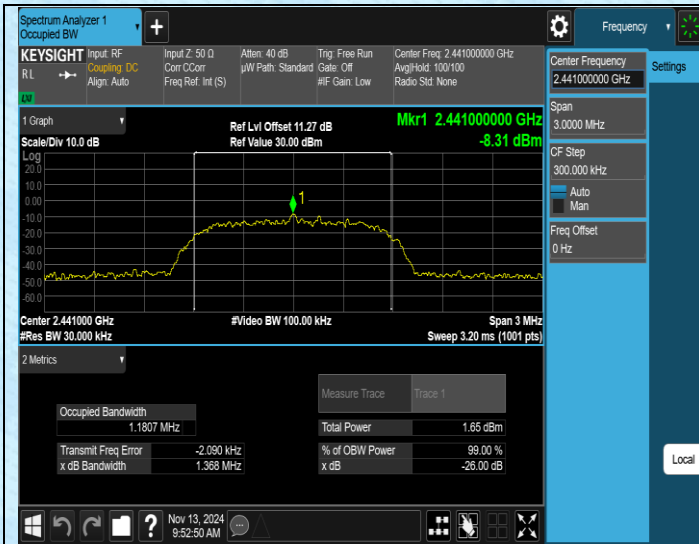
AppendixB: Occupied Channel Bandwidth

Test Result

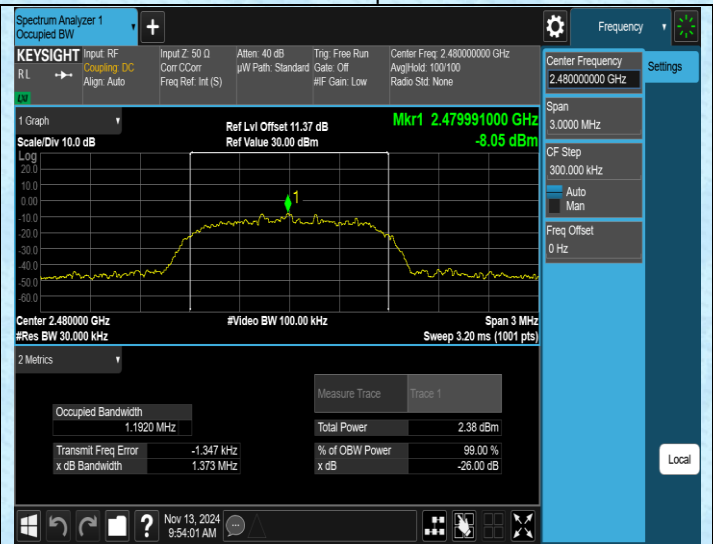
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.90428	2401.5519	2402.4562	---	---
DH5	Ant1	2441	0.90294	2440.5394	2441.4423	---	---
DH5	Ant1	2480	0.89979	2479.5515	2480.4513	---	---
2DH5	Ant1	2402	1.1828	2401.4054	2402.5882	---	---
2DH5	Ant1	2441	1.1807	2440.4076	2441.5883	---	---
2DH5	Ant1	2480	1.1920	2479.4027	2480.5947	---	---
3DH5	Ant1	2402	1.1807	2401.4070	2402.5877	---	---
3DH5	Ant1	2441	1.1921	2440.4035	2441.5956	---	---
3DH5	Ant1	2480	1.1923	2479.4030	2480.5953	---	---

Test Graphs

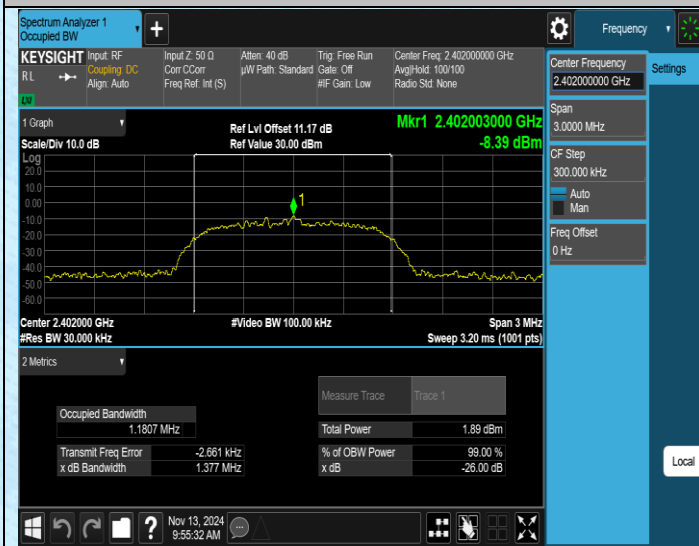




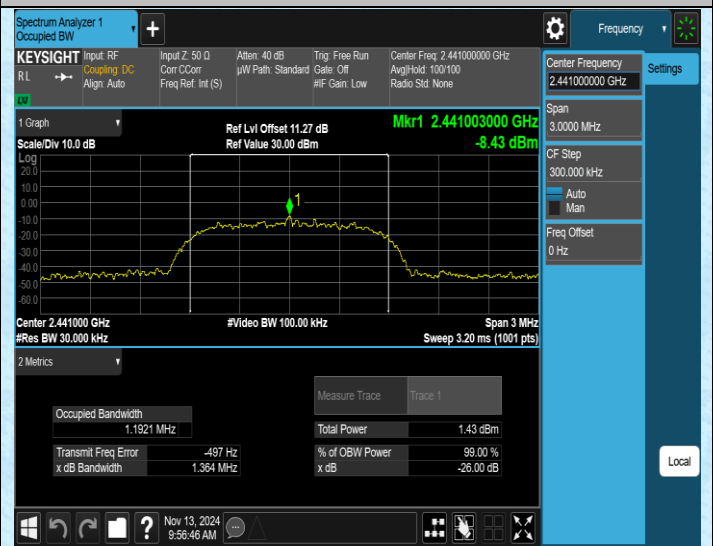
2DH5-Ant1-2441



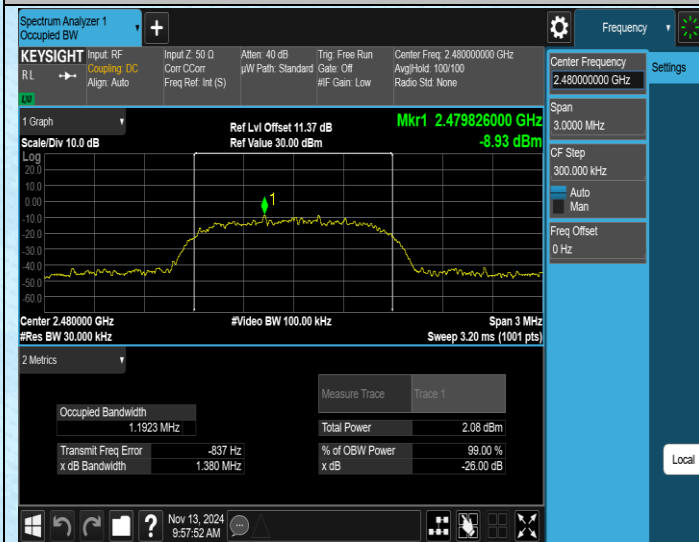
2DH5-Ant1-2480



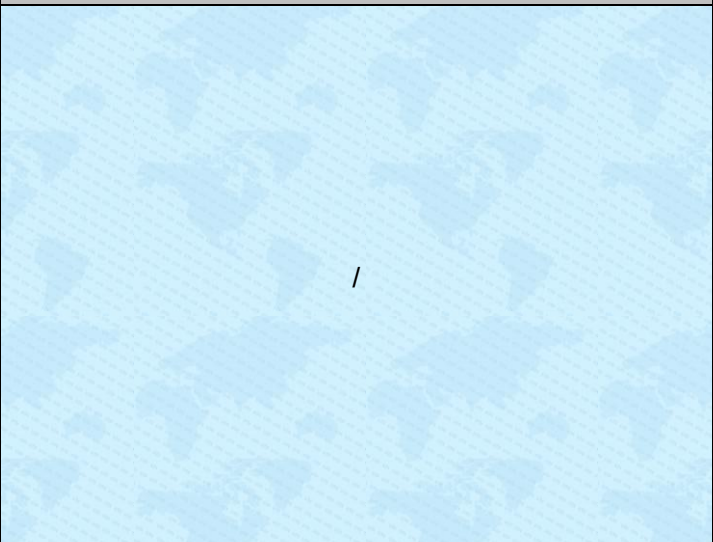
3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480



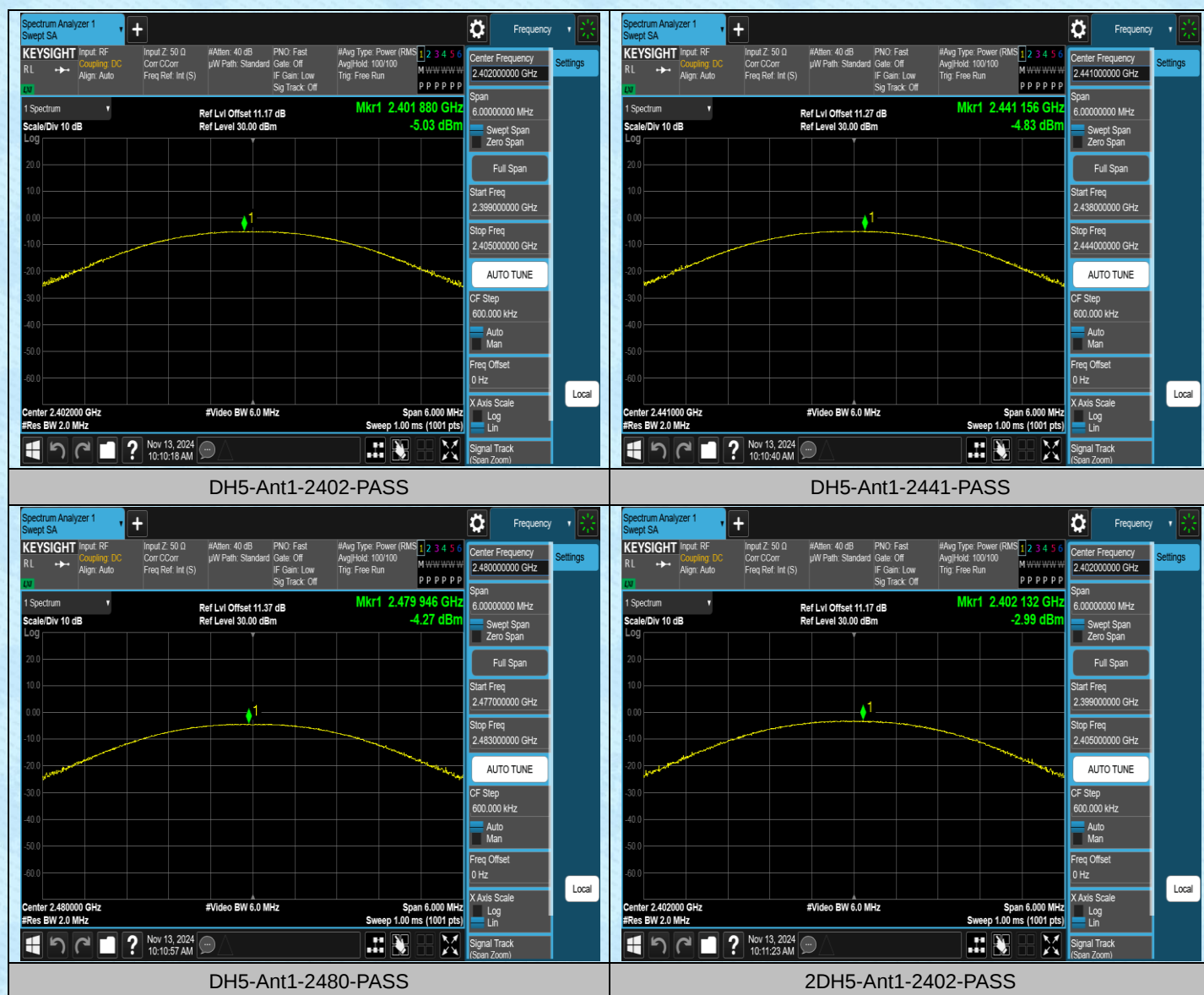
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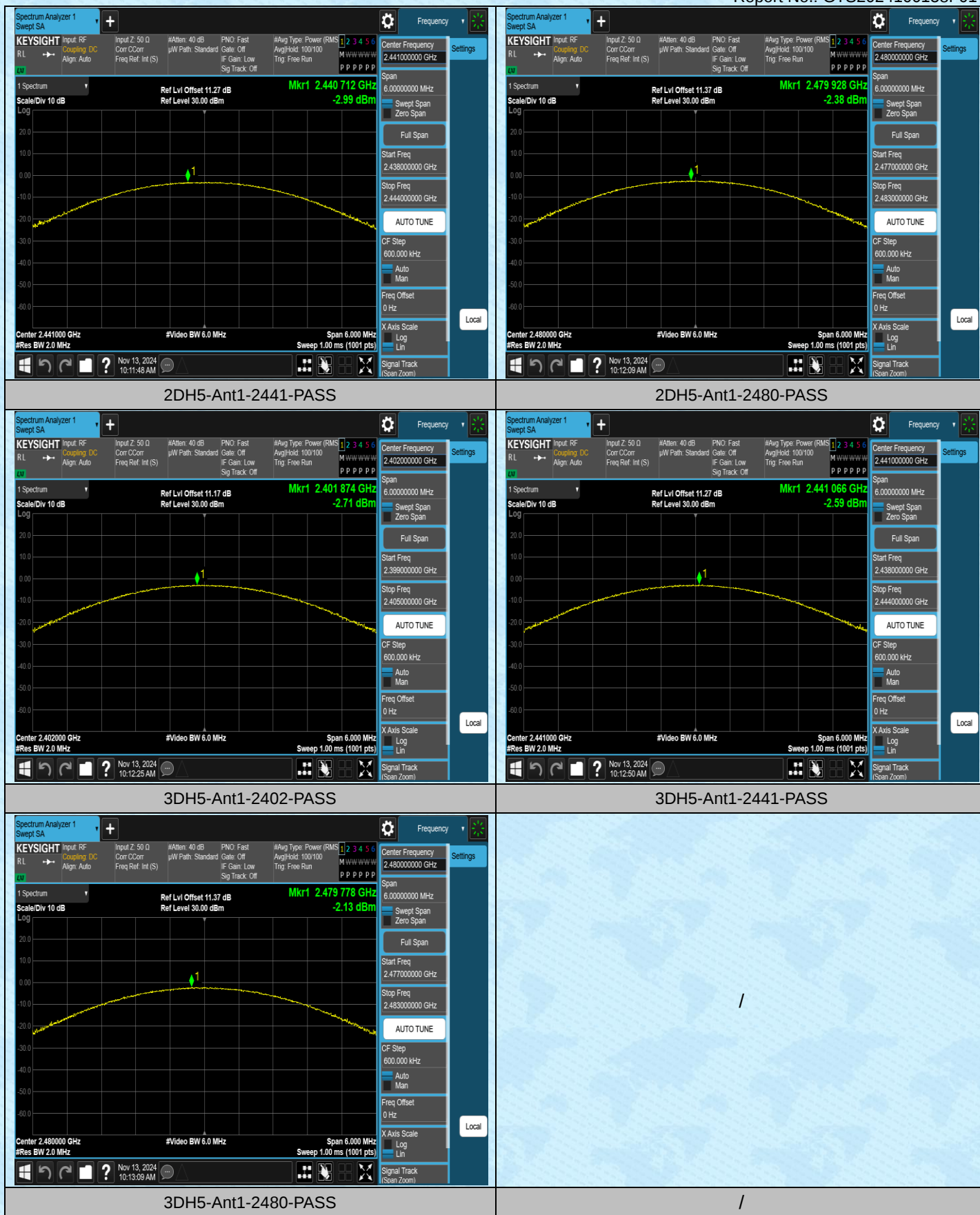
AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-5.03	≤20.97	PASS
DH5	Ant1	2441	-4.83	≤20.97	PASS
DH5	Ant1	2480	-4.27	≤20.97	PASS
2DH5	Ant1	2402	-2.99	≤20.97	PASS
2DH5	Ant1	2441	-2.99	≤20.97	PASS
2DH5	Ant1	2480	-2.38	≤20.97	PASS
3DH5	Ant1	2402	-2.71	≤20.97	PASS
3DH5	Ant1	2441	-2.59	≤20.97	PASS
3DH5	Ant1	2480	-2.13	≤20.97	PASS

Test Graphs



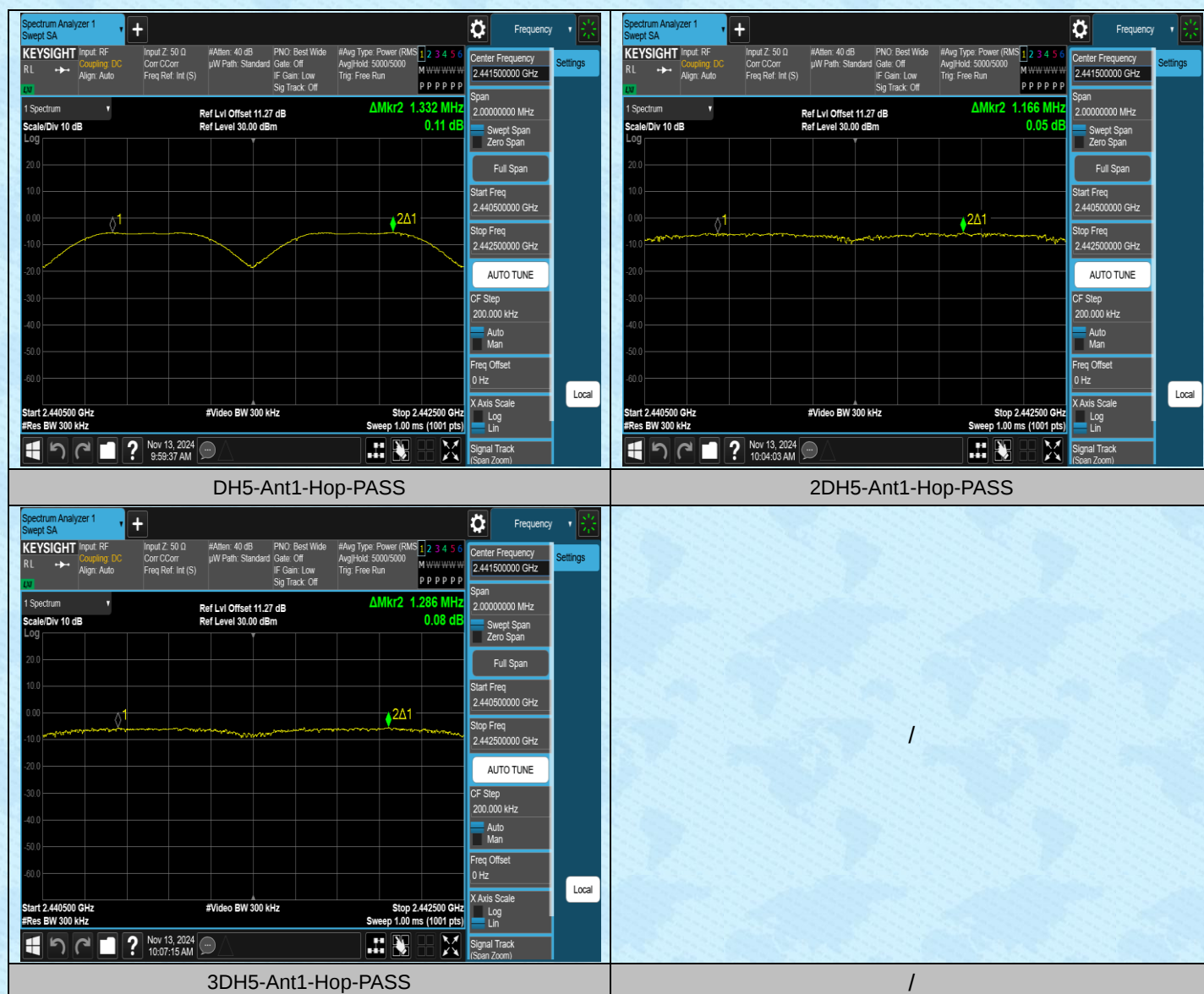


AppendixD: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.332	≥ 0.672	PASS
2DH5	Ant1	Hop	1.166	≥ 0.900	PASS
3DH5	Ant1	Hop	1.286	≥ 0.894	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	0.384	320	0.123	≤0.4	PASS
DH3	Ant1	Hop	1.639	160	0.262	≤0.4	PASS
DH5	Ant1	Hop	2.888	106.67	0.308	≤0.4	PASS
2DH1	Ant1	Hop	0.385	320	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.638	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.883	106.67	0.308	≤0.4	PASS
3DH1	Ant1	Hop	0.384	320	0.123	≤0.4	PASS
3DH3	Ant1	Hop	1.634	160	0.261	≤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

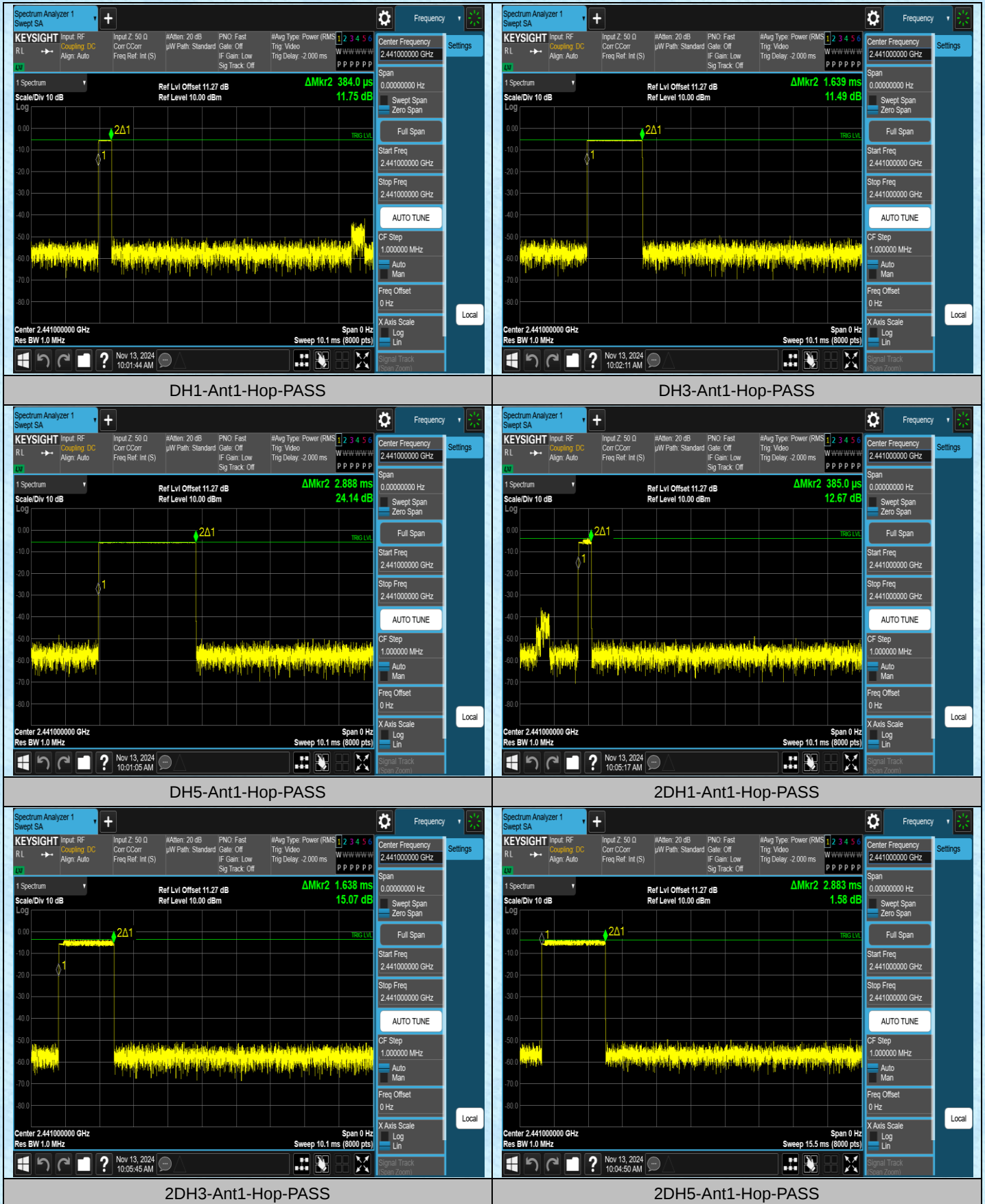
DH3/2DH3/3DH3:TotalHops=1600/79/4*0.4*79

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





3DH1-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



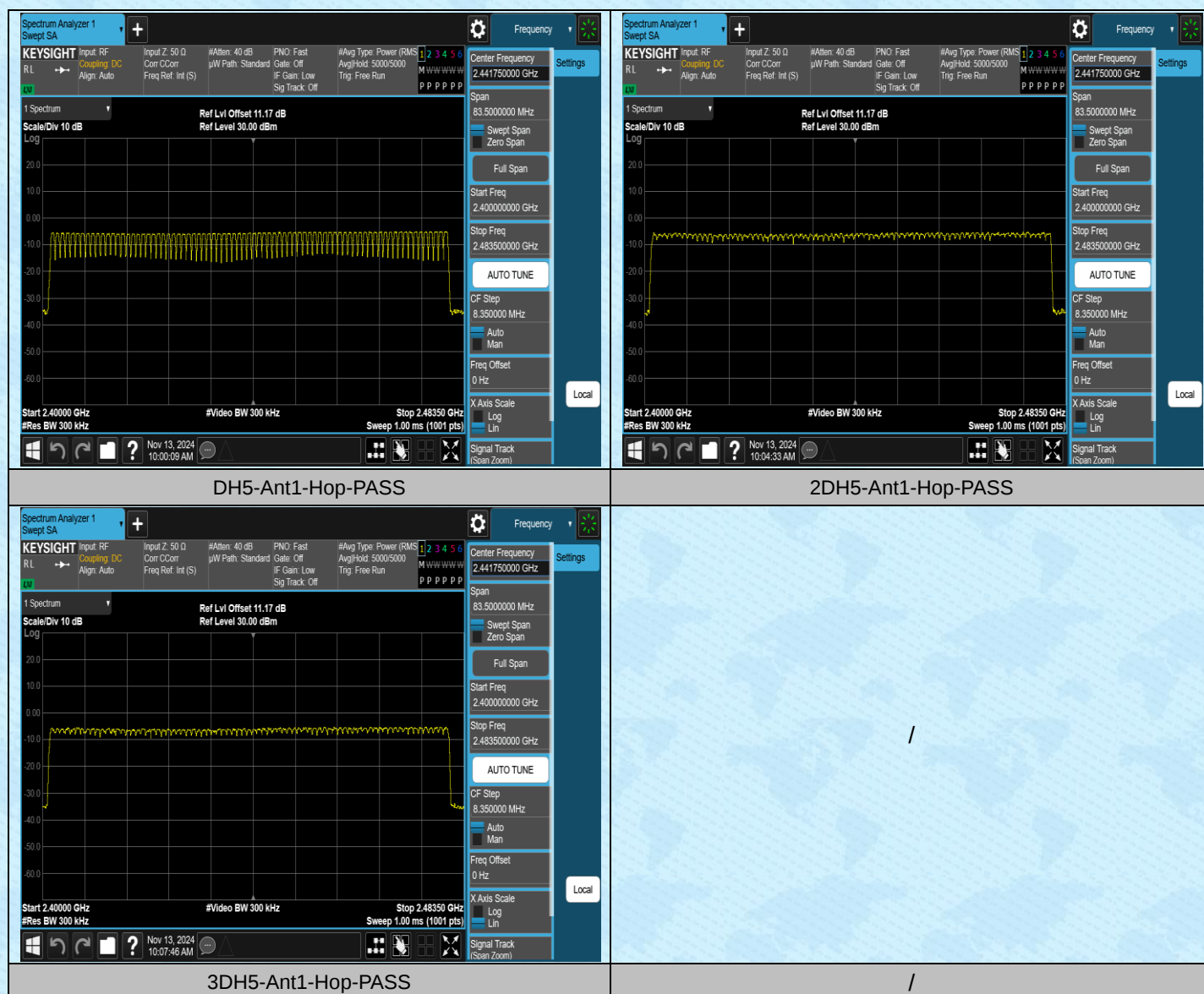
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AppendixF: Number of hopping channels

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

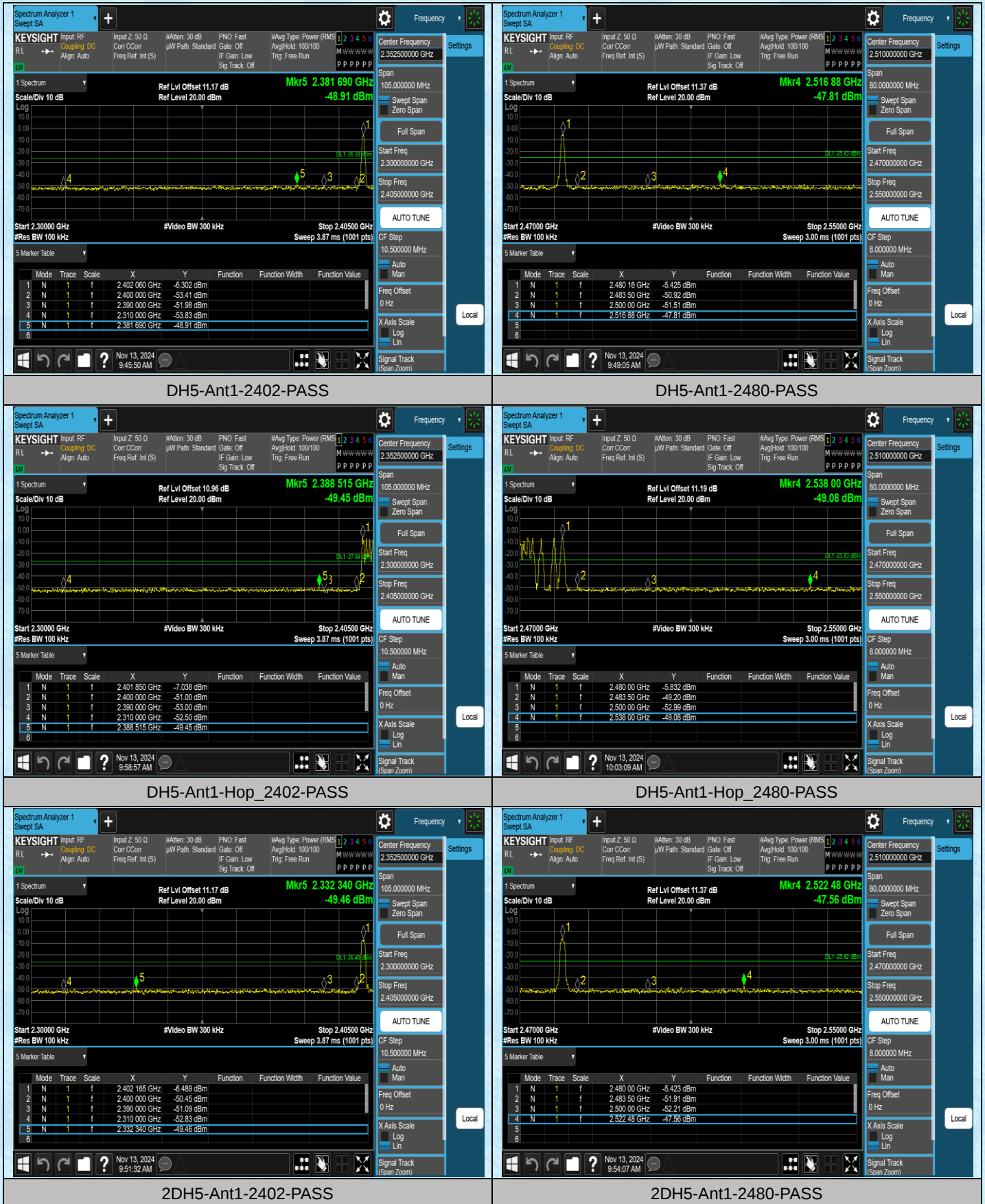


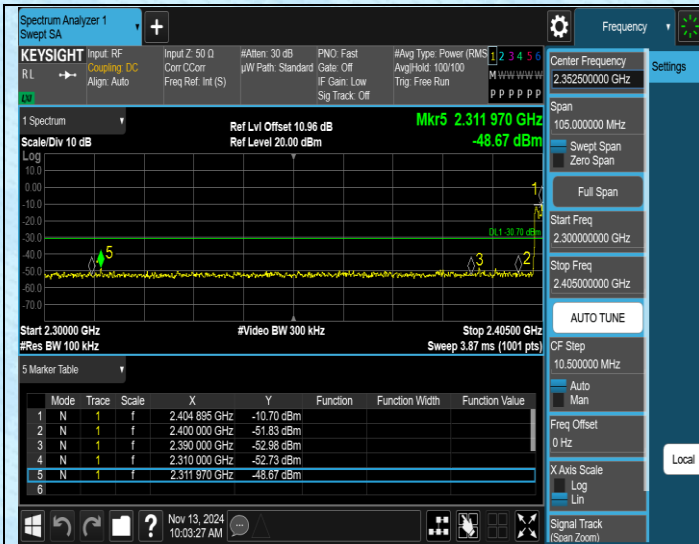
AppendixG:Band edge measurements

Test Result

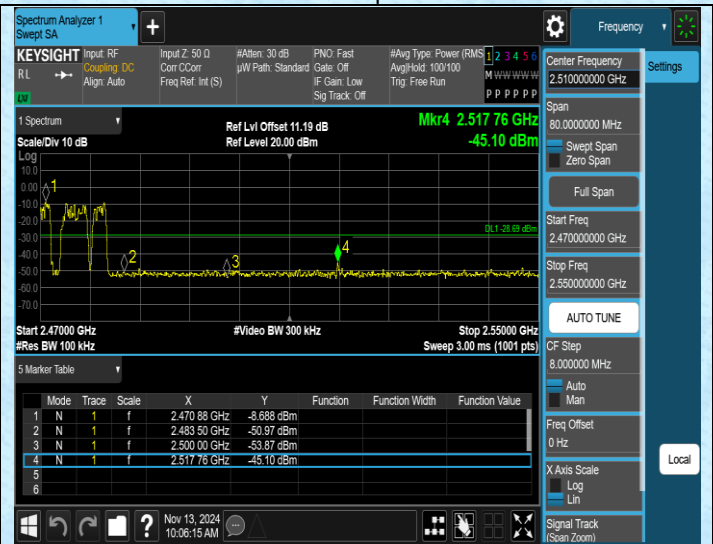
Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-6.30	-48.91	≤-26.3	PASS
DH5	Ant1	High	2480	-5.43	-47.81	≤-25.43	PASS
DH5	Ant1	Low	Hop_2402	-7.04	-49.45	≤-27.04	PASS
DH5	Ant1	High	Hop_2480	-5.83	-49.08	≤-25.83	PASS
2DH5	Ant1	Low	2402	-6.49	-49.46	≤-26.49	PASS
2DH5	Ant1	High	2480	-5.42	-47.56	≤-25.42	PASS
2DH5	Ant1	Low	Hop_2402	-10.70	-48.67	≤-30.7	PASS
2DH5	Ant1	High	Hop_2480	-8.69	-45.1	≤-28.69	PASS
3DH5	Ant1	Low	2402	-5.98	-49.08	≤-25.98	PASS
3DH5	Ant1	High	2480	-5.44	-48.8	≤-25.44	PASS
3DH5	Ant1	Low	Hop_2402	-10.20	-49.29	≤-30.2	PASS
3DH5	Ant1	High	Hop_2480	-7.17	-48.62	≤-27.17	PASS

Test Graphs

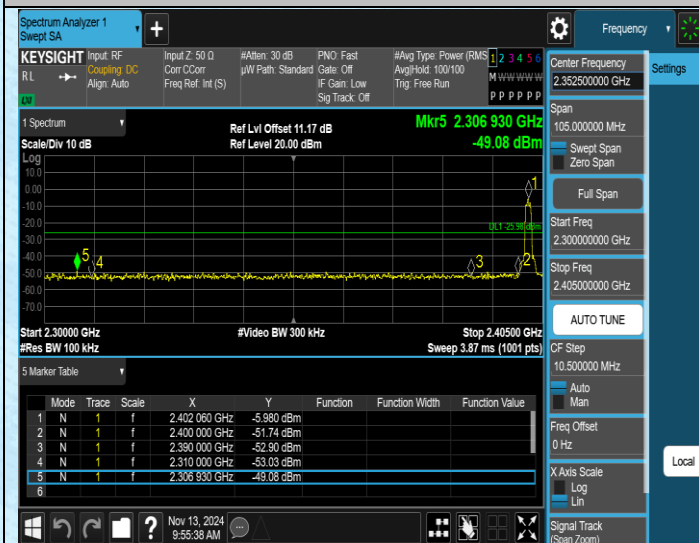




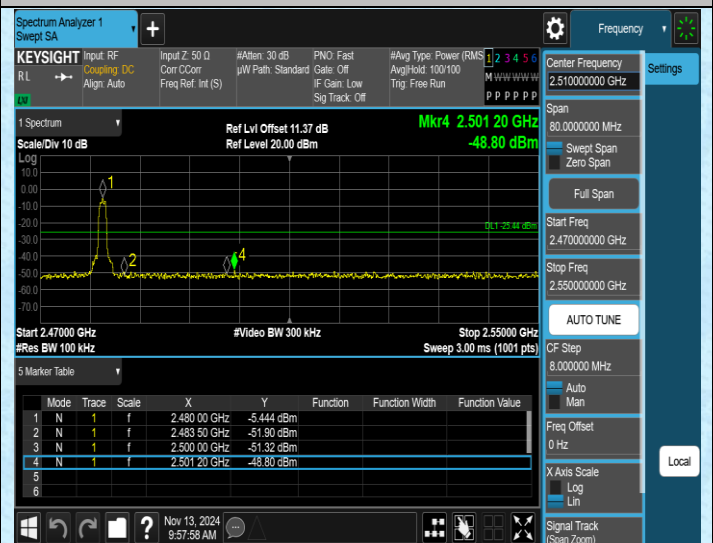
2DH5-Ant1-Hop_2402-PASS



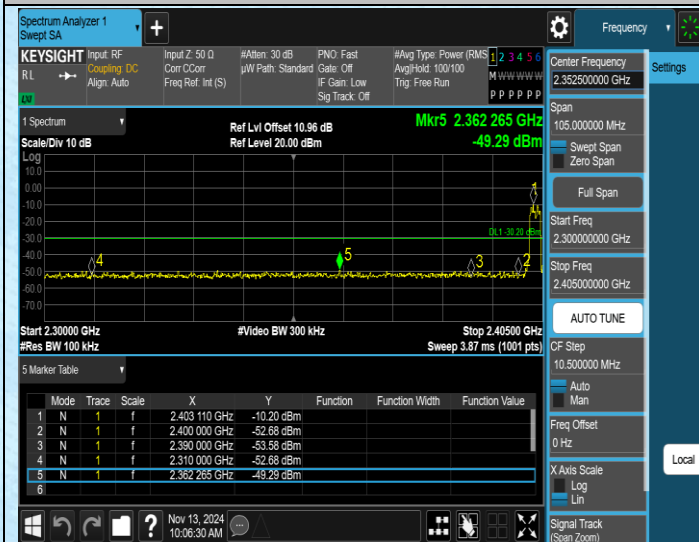
2DH5-Ant1-Hop_2480-PASS



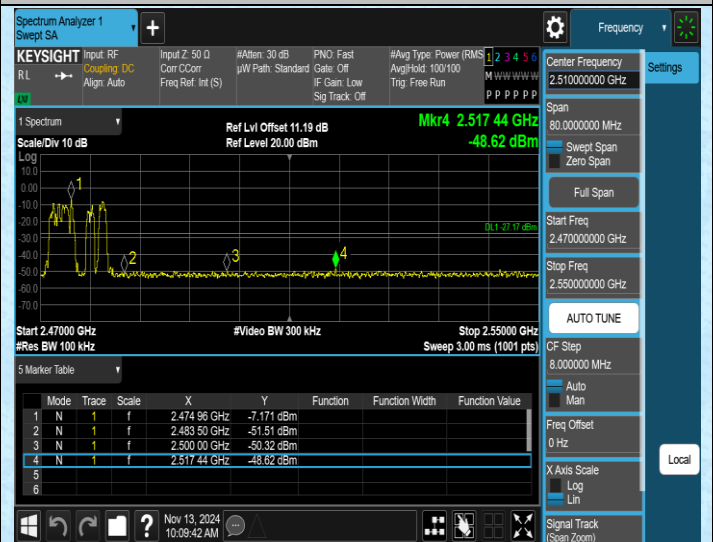
3DH5-Ant1-2402-PASS



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	-5.98	-5.98	---	PASS
DH5	Ant1	2402	30~1000	-5.98	-60.48	≤-25.98	PASS
DH5	Ant1	2402	1000~26500	-5.98	-49.79	≤-25.98	PASS
DH5	Ant1	2441	0~Reference	-5.60	-5.60	---	PASS
DH5	Ant1	2441	30~1000	-5.60	-60.97	≤-25.6	PASS
DH5	Ant1	2441	1000~26500	-5.60	-50.04	≤-25.6	PASS
DH5	Ant1	2480	0~Reference	-5.04	-5.04	---	PASS
DH5	Ant1	2480	30~1000	-5.04	-60.94	≤-25.04	PASS
DH5	Ant1	2480	1000~26500	-5.04	-49.57	≤-25.04	PASS
2DH5	Ant1	2402	0~Reference	-5.99	-5.99	---	PASS
2DH5	Ant1	2402	30~1000	-5.99	-61.41	≤-25.99	PASS
2DH5	Ant1	2402	1000~26500	-5.99	-46.97	≤-25.99	PASS
2DH5	Ant1	2441	0~Reference	-5.87	-5.87	---	PASS
2DH5	Ant1	2441	30~1000	-5.87	-61.42	≤-25.87	PASS
2DH5	Ant1	2441	1000~26500	-5.87	-49.51	≤-25.87	PASS
2DH5	Ant1	2480	0~Reference	-5.19	-5.19	---	PASS
2DH5	Ant1	2480	30~1000	-5.19	-61.5	≤-25.19	PASS
2DH5	Ant1	2480	1000~26500	-5.19	-49.14	≤-25.19	PASS
3DH5	Ant1	2402	0~Reference	-5.92	-5.92	---	PASS
3DH5	Ant1	2402	30~1000	-5.92	-61.31	≤-25.92	PASS
3DH5	Ant1	2402	1000~26500	-5.92	-49.71	≤-25.92	PASS
3DH5	Ant1	2441	0~Reference	-5.68	-5.68	---	PASS
3DH5	Ant1	2441	30~1000	-5.68	-60.85	≤-25.68	PASS
3DH5	Ant1	2441	1000~26500	-5.68	-49.06	≤-25.68	PASS
3DH5	Ant1	2480	0~Reference	-5.18	-5.18	---	PASS
3DH5	Ant1	2480	30~1000	-5.18	-60.97	≤-25.18	PASS
3DH5	Ant1	2480	1000~26500	-5.18	-49.44	≤-25.18	PASS