

AppendixA: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]
DH5	Ant1	2402	0.861	2401.550	2402.411
DH5	Ant1	2441	0.861	2440.553	2441.414
DH5	Ant1	2480	0.816	2479.598	2480.414
2DH5	Ant1	2402	1.326	2401.337	2402.663
2DH5	Ant1	2441	1.311	2440.343	2441.654
2DH5	Ant1	2480	1.326	2479.337	2480.663
3DH5	Ant1	2402	1.323	2401.331	2402.654
3DH5	Ant1	2441	1.341	2440.325	2441.666
3DH5	Ant1	2480	1.338	2479.328	2480.666

Test Graphs





2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

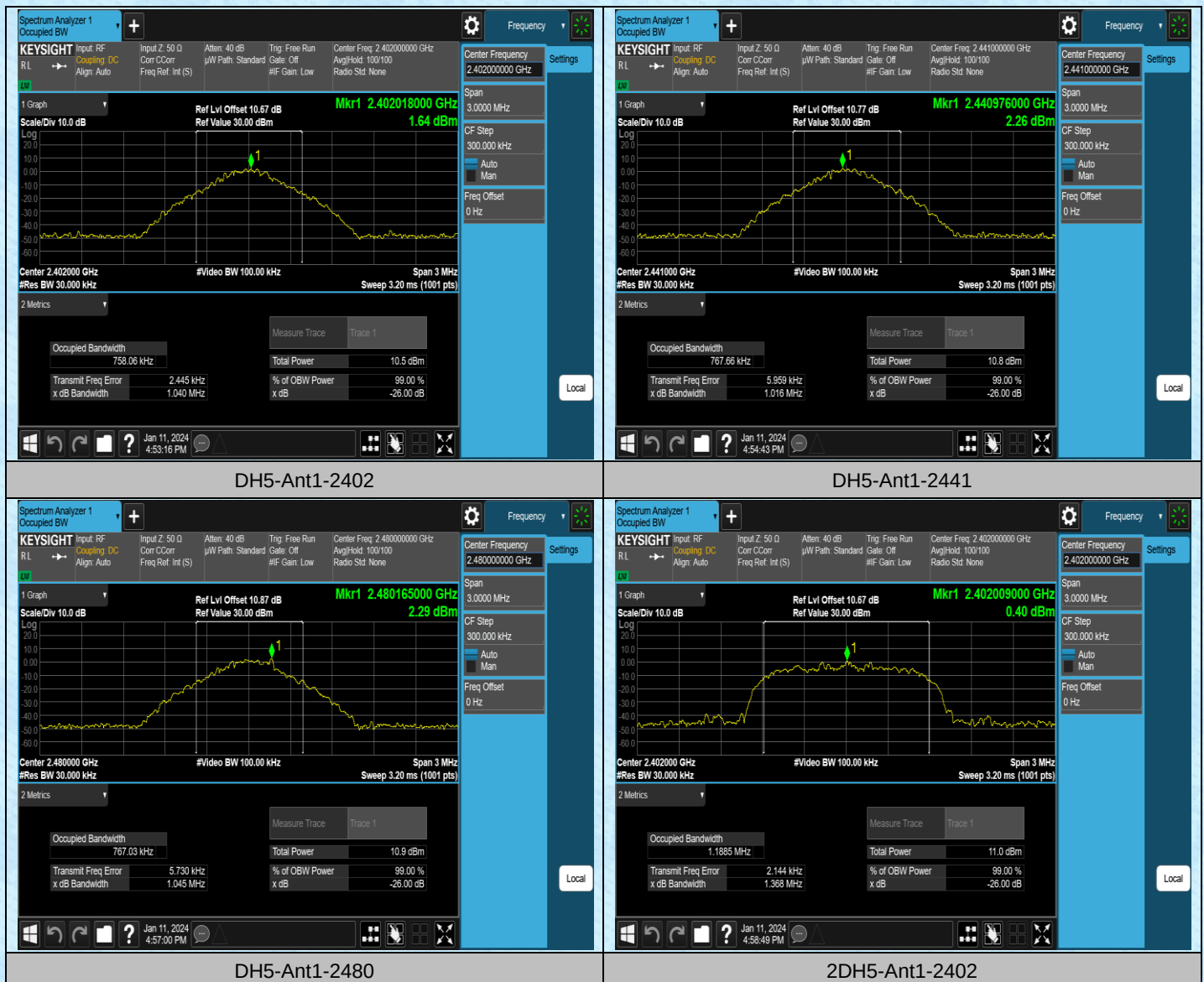


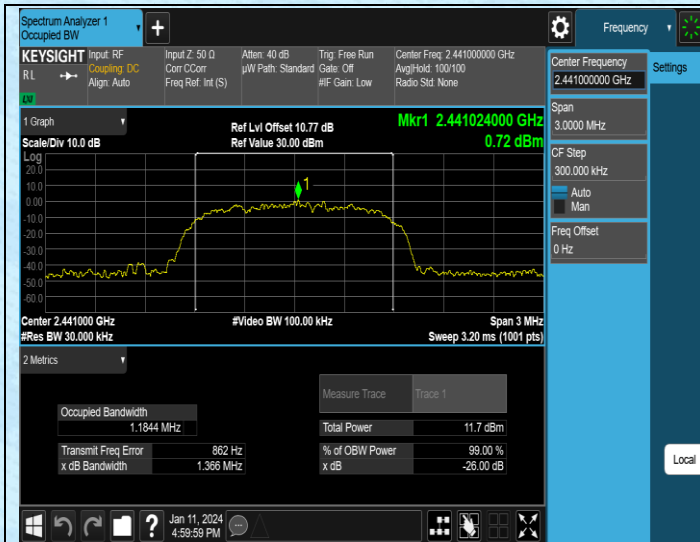
AppendixB: Occupied Channel Bandwidth

Test Result

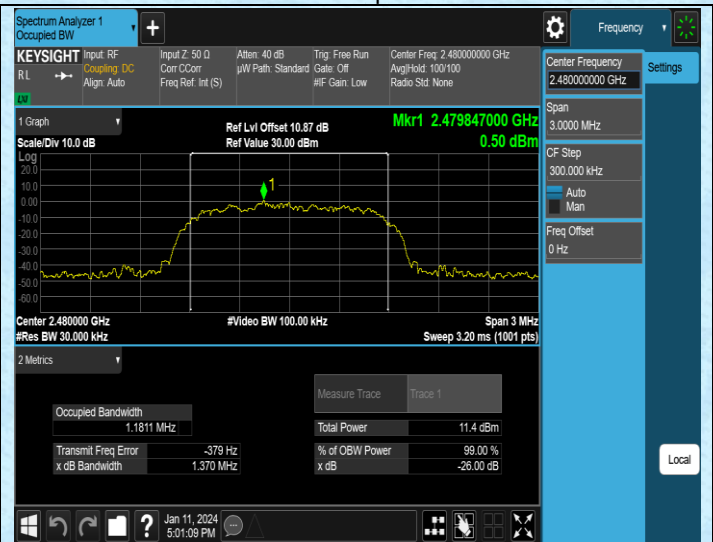
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
DH5	Ant1	2402	0.75806	2401.6234	2402.3815
DH5	Ant1	2441	0.76766	2440.6221	2441.3898
DH5	Ant1	2480	0.76703	2479.6222	2480.3892
2DH5	Ant1	2402	1.1885	2401.4079	2402.5964
2DH5	Ant1	2441	1.1844	2440.4087	2441.5931
2DH5	Ant1	2480	1.1811	2479.4091	2480.5902
3DH5	Ant1	2402	1.1917	2401.4035	2402.5952
3DH5	Ant1	2441	1.1907	2440.4021	2441.5928
3DH5	Ant1	2480	1.1825	2479.4131	2480.5956

Test Graphs

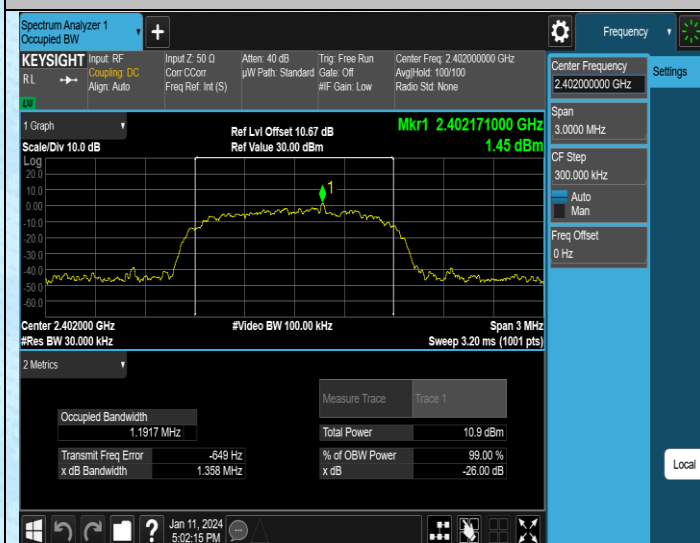




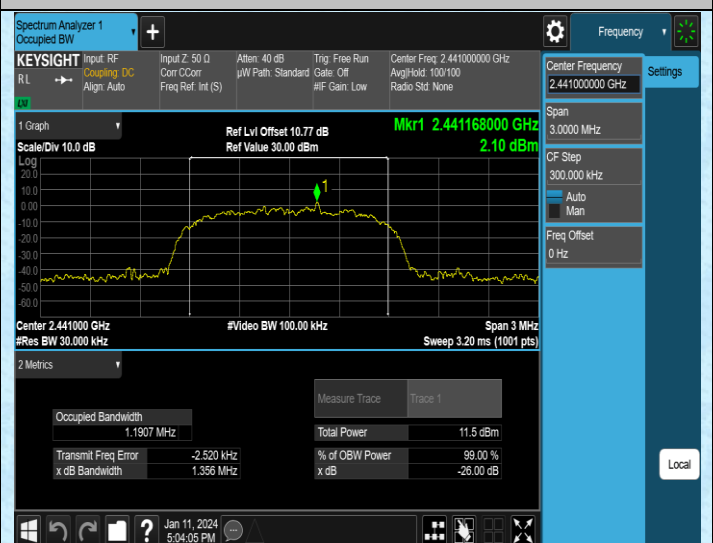
2DH5-Ant1-2441



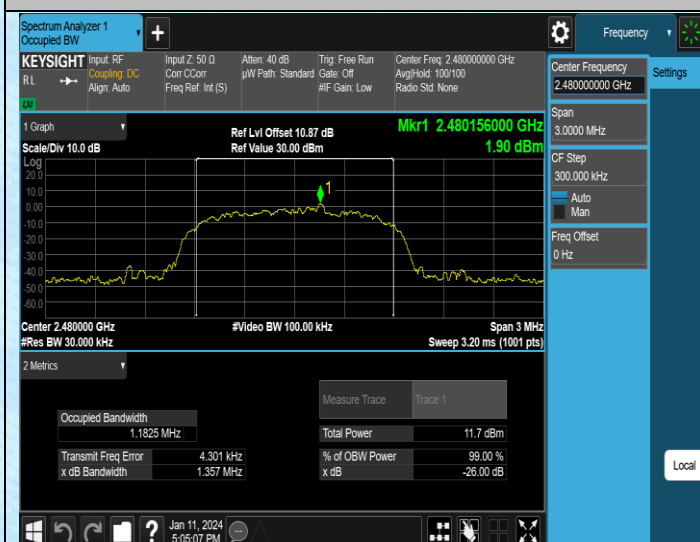
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480



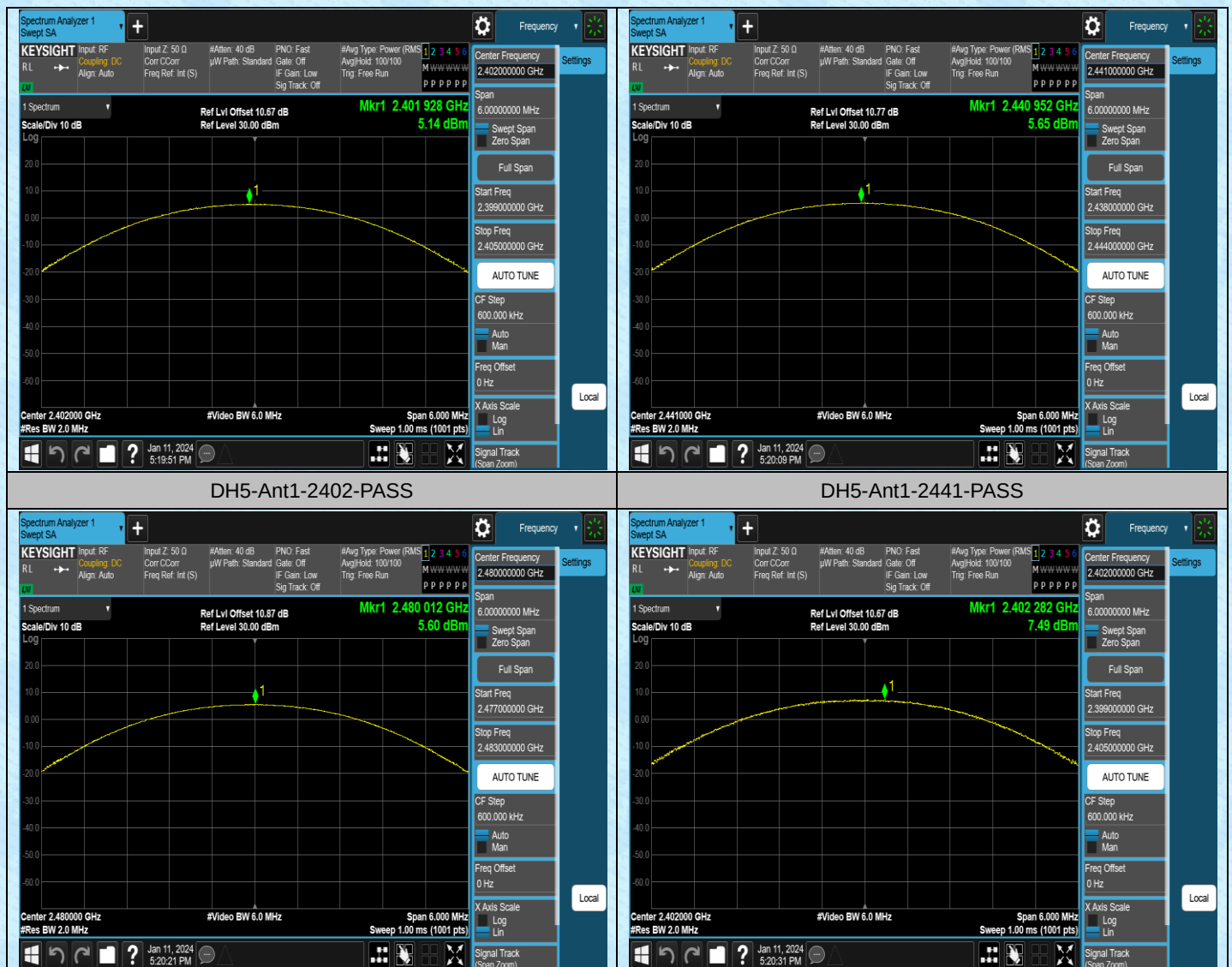
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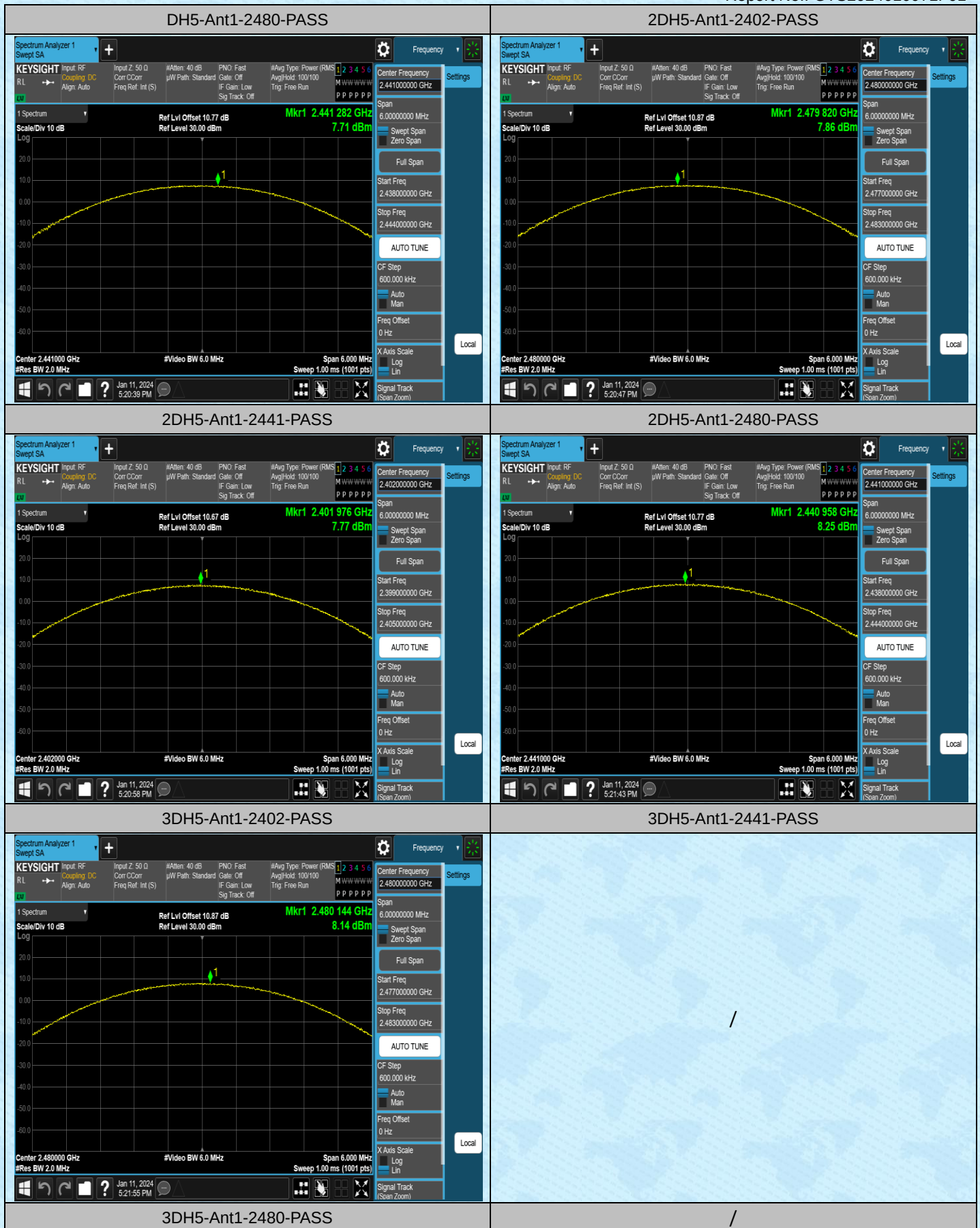
AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	5.14	≤30	PASS
DH5	Ant1	2441	5.65	≤30	PASS
DH5	Ant1	2480	5.6	≤30	PASS
2DH5	Ant1	2402	7.49	≤20.97	PASS
2DH5	Ant1	2441	7.71	≤20.97	PASS
2DH5	Ant1	2480	7.86	≤20.97	PASS
3DH5	Ant1	2402	7.77	≤20.97	PASS
3DH5	Ant1	2441	8.25	≤20.97	PASS
3DH5	Ant1	2480	8.14	≤20.97	PASS

Test Graphs



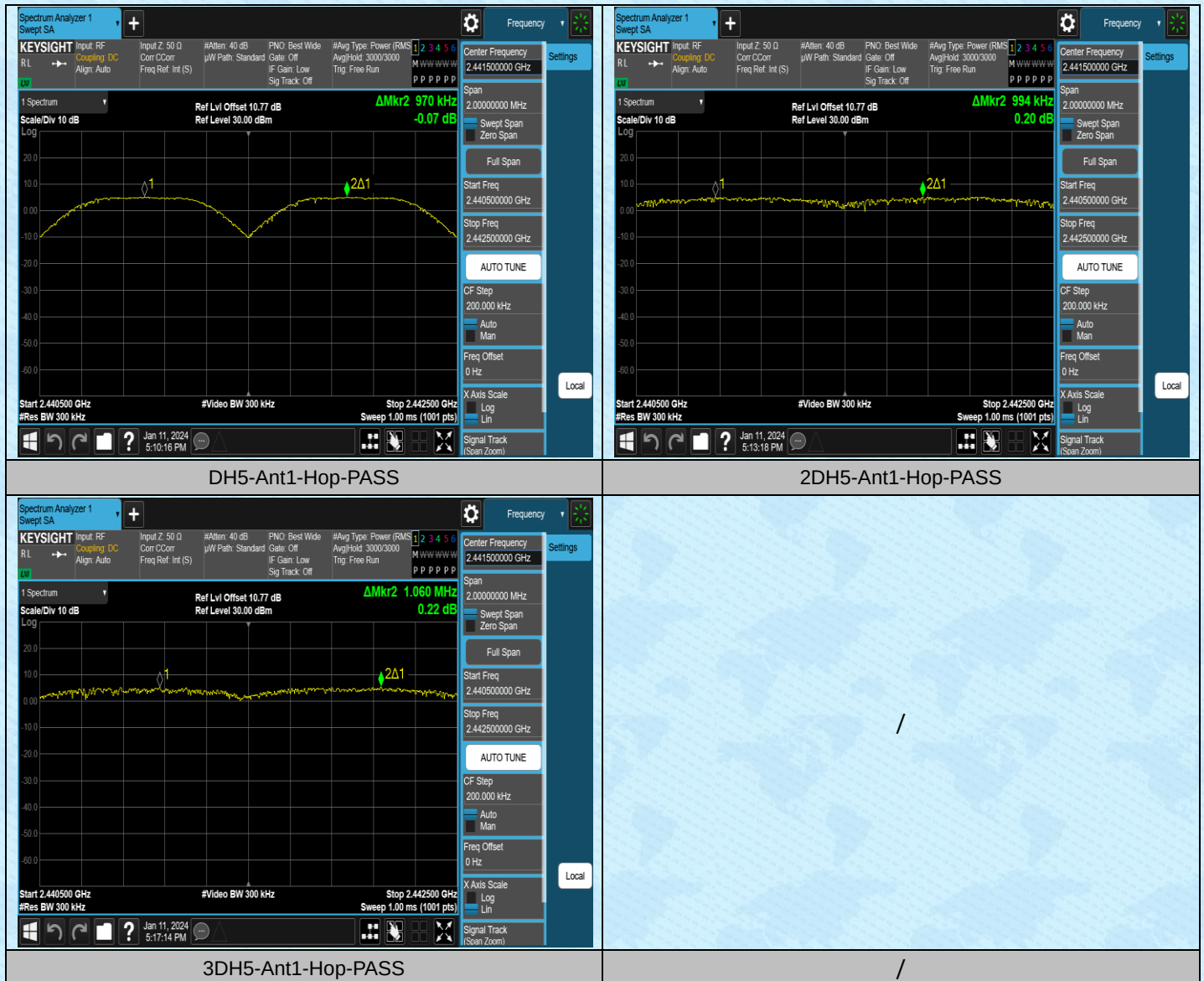


AppendixD: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.97	≥ 0.861	PASS
2DH5	Ant1	Hop	0.994	≥ 0.884	PASS
3DH5	Ant1	Hop	1.06	≥ 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	0.374	320	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.630	160	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.878	106.67	0.307	≤0.4	PASS
2DH1	Ant1	Hop	0.381	320	0.122	≤0.4	PASS
2DH3	Ant1	Hop	1.634	160	0.261	≤0.4	PASS
2DH5	Ant1	Hop	2.882	106.67	0.307	≤0.4	PASS
3DH1	Ant1	Hop	0.383	320	0.123	≤0.4	PASS
3DH3	Ant1	Hop	1.633	160	0.261	≤0.4	PASS
3DH5	Ant1	Hop	2.884	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

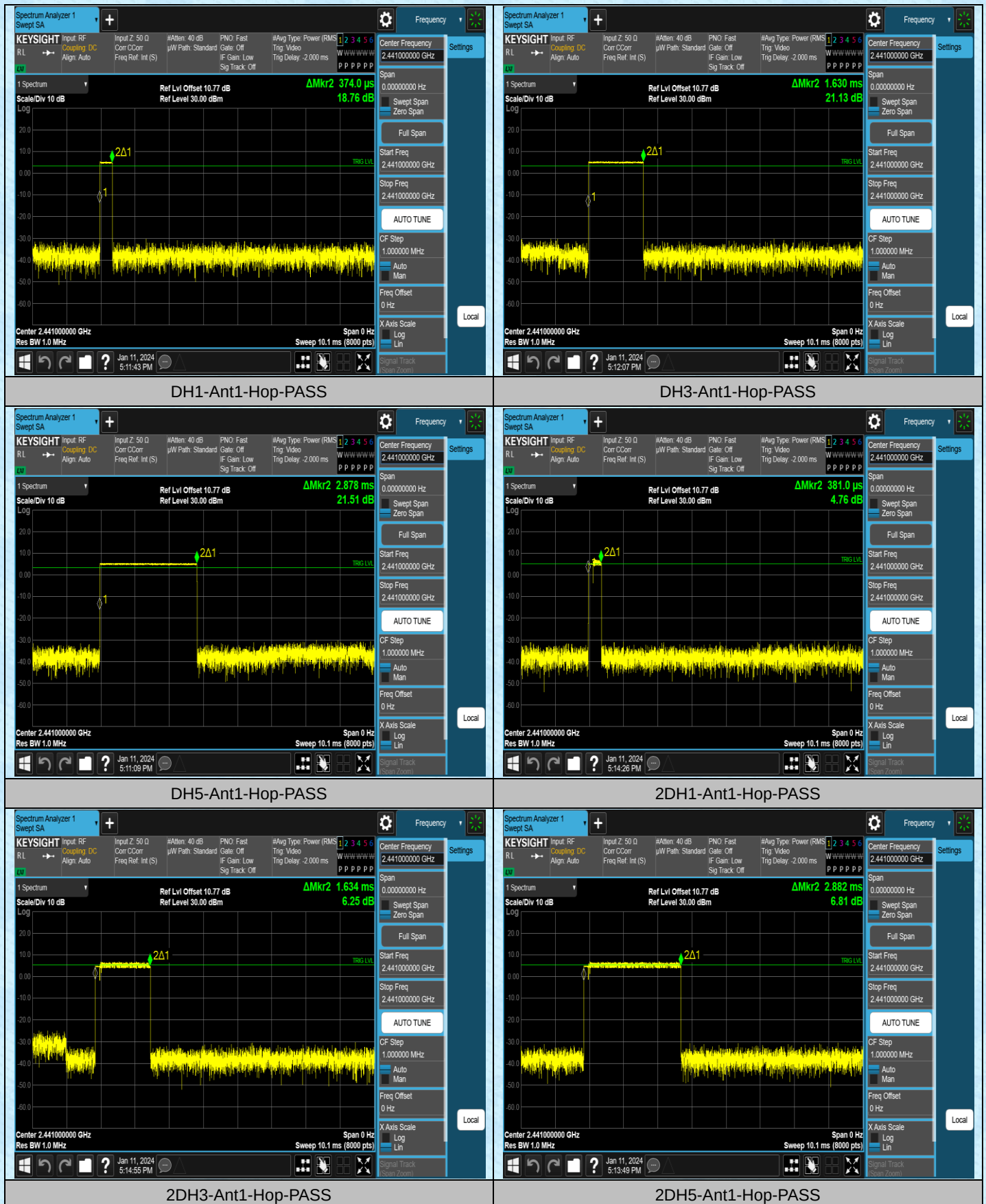
DH3/2DH3/3DH3: TotalHops=1600/79/4*0.4*79

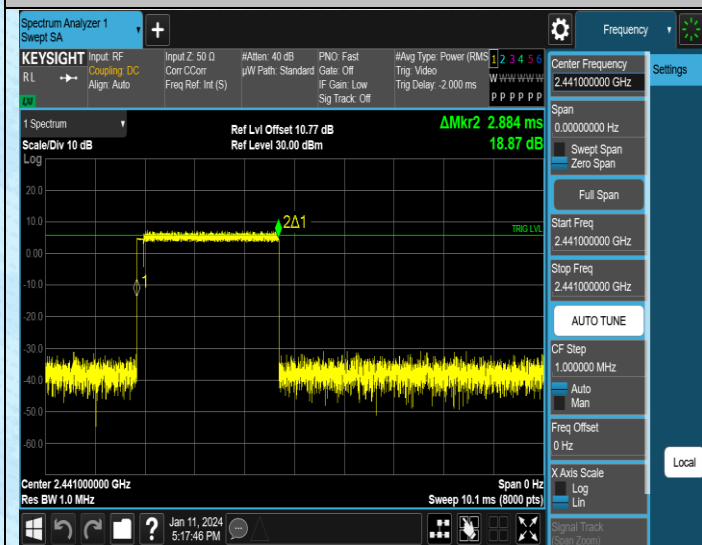
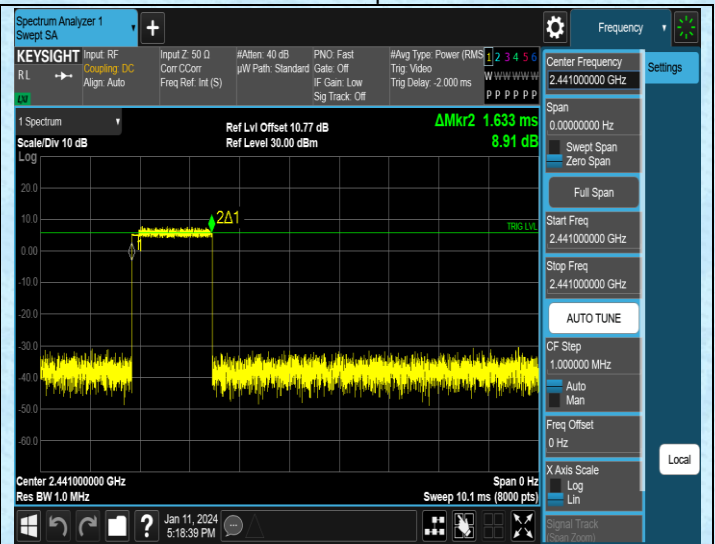
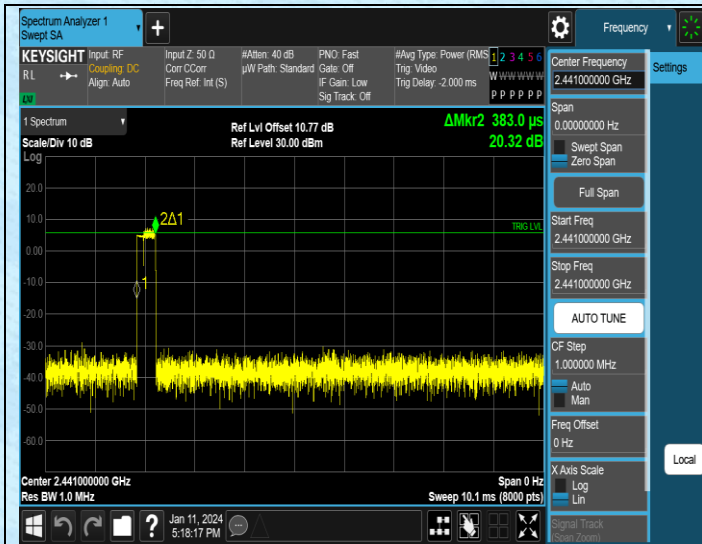
DH3/2DH3/3DH3: Time of occupancy= TotalHops * (BurstWidth) /1000

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

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

Test Graphs



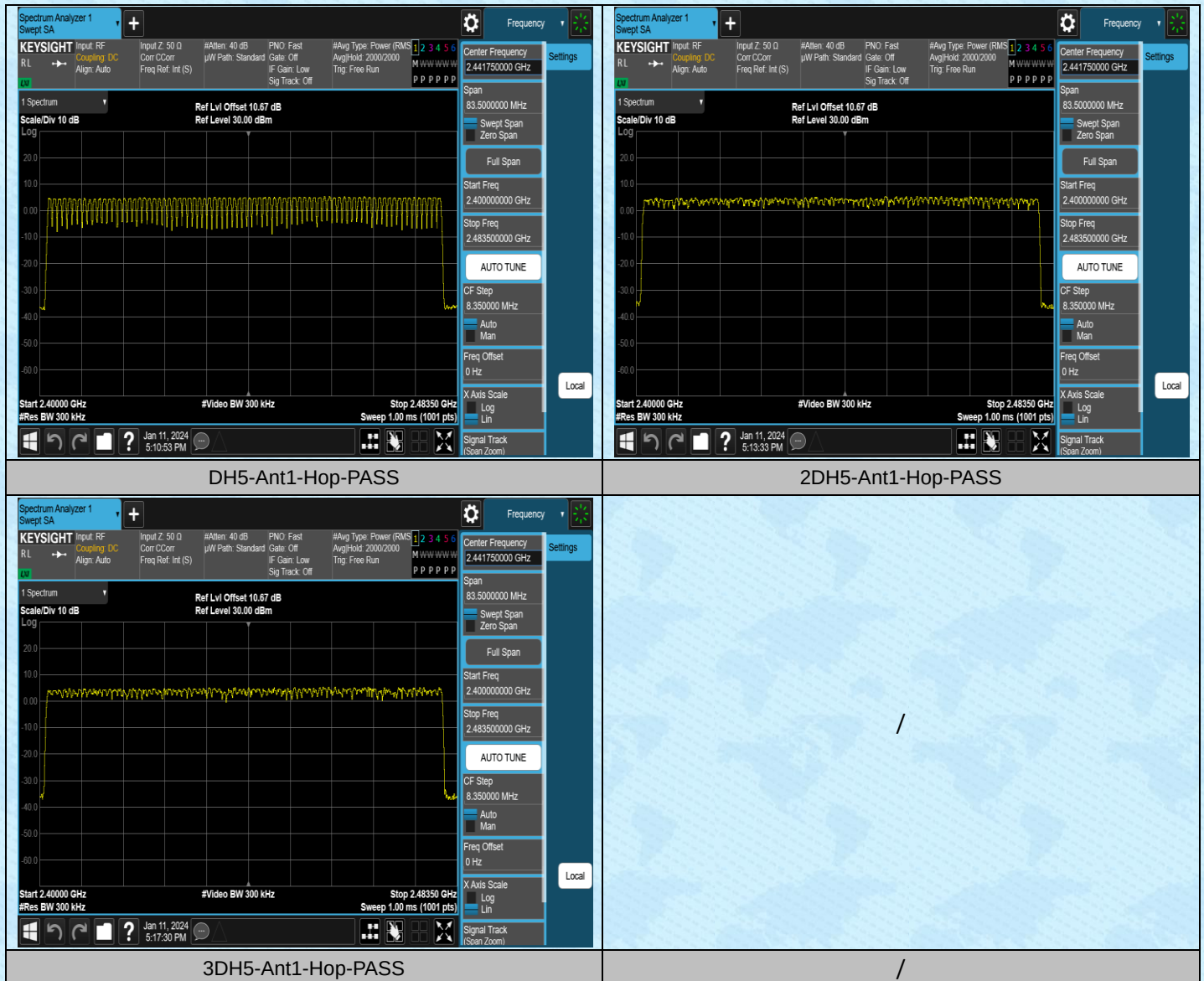


AppendixF: Number of hopping channels

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

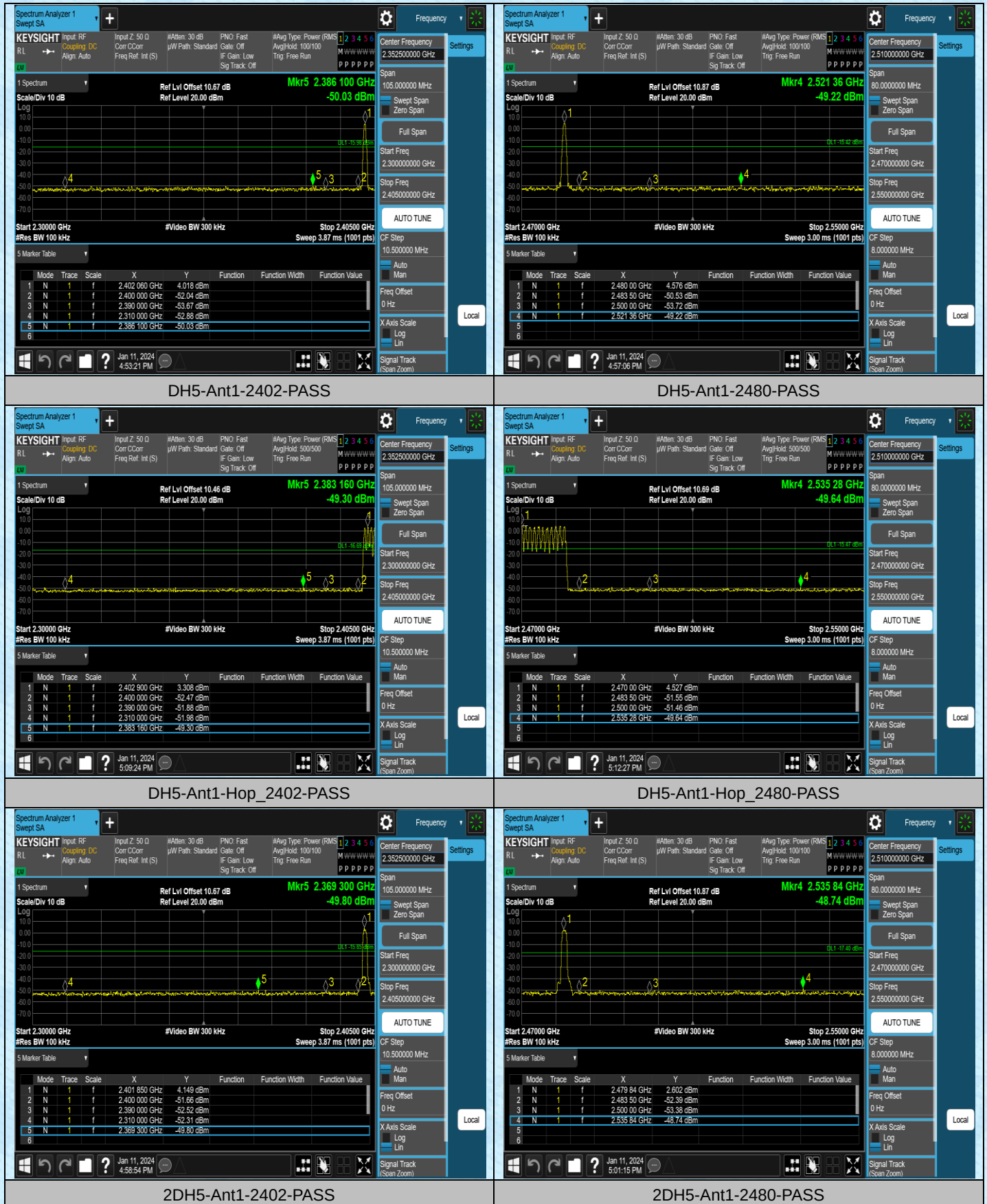


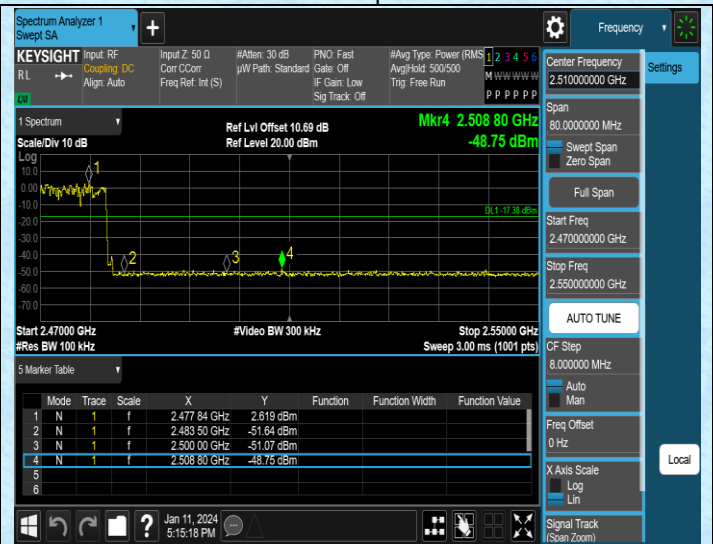
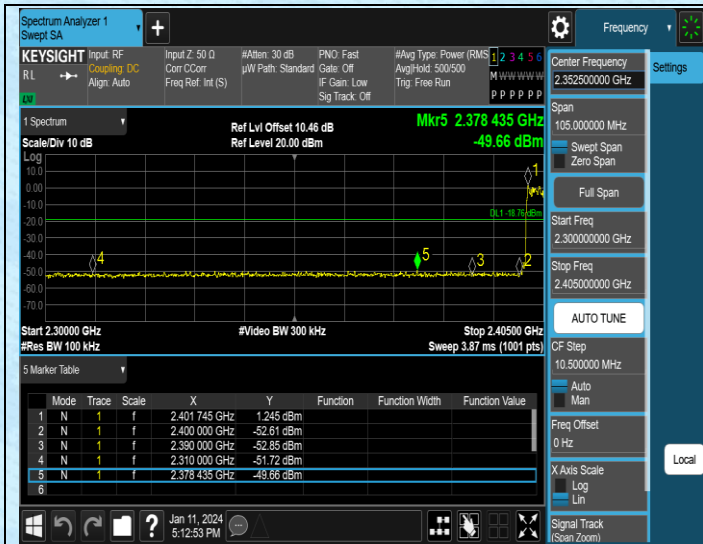
AppendixG:Band edge measurements

Test Result

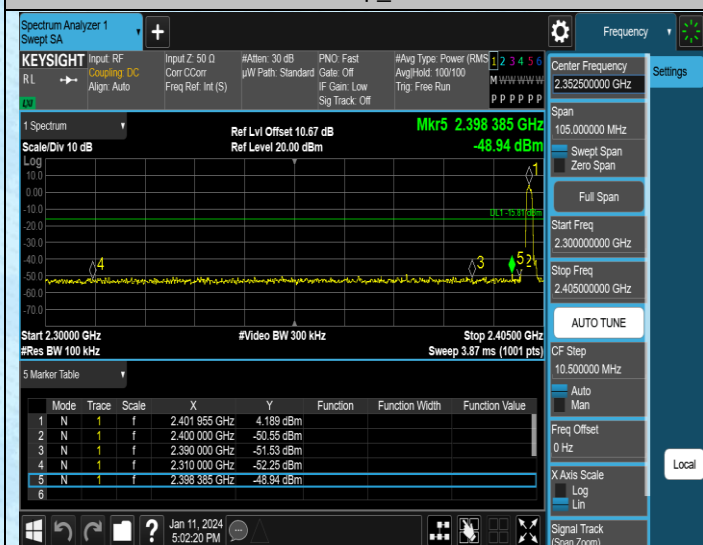
Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	4.02	-50.03	≤-15.98	PASS
DH5	Ant1	High	2480	4.58	-49.22	≤-15.42	PASS
DH5	Ant1	Low	Hop_2402	3.31	-49.3	≤-16.69	PASS
DH5	Ant1	High	Hop_2480	4.53	-49.64	≤-15.47	PASS
2DH5	Ant1	Low	2402	4.15	-49.8	≤-15.85	PASS
2DH5	Ant1	High	2480	2.60	-48.74	≤-17.4	PASS
2DH5	Ant1	Low	Hop_2402	1.25	-49.66	≤-18.76	PASS
2DH5	Ant1	High	Hop_2480	2.62	-48.75	≤-17.38	PASS
3DH5	Ant1	Low	2402	4.19	-48.94	≤-15.81	PASS
3DH5	Ant1	High	2480	4.92	-49.69	≤-15.08	PASS
3DH5	Ant1	Low	Hop_2402	2.34	-48.78	≤-17.66	PASS
3DH5	Ant1	High	Hop_2480	4.27	-49.55	≤-15.73	PASS

Test Graphs

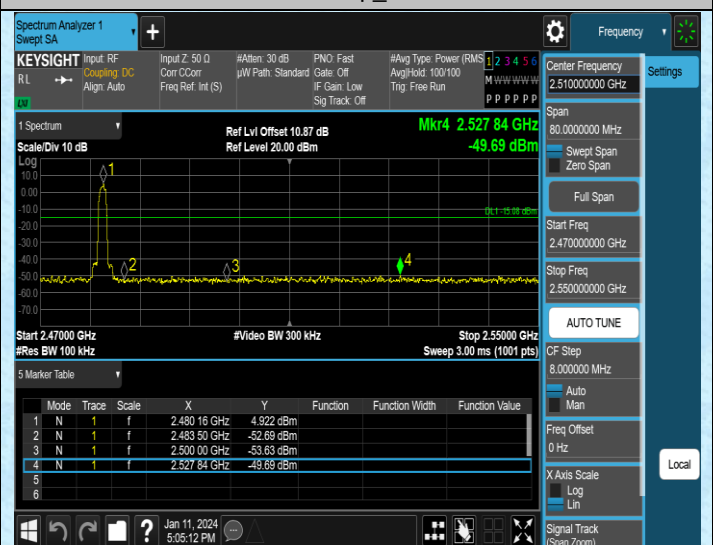




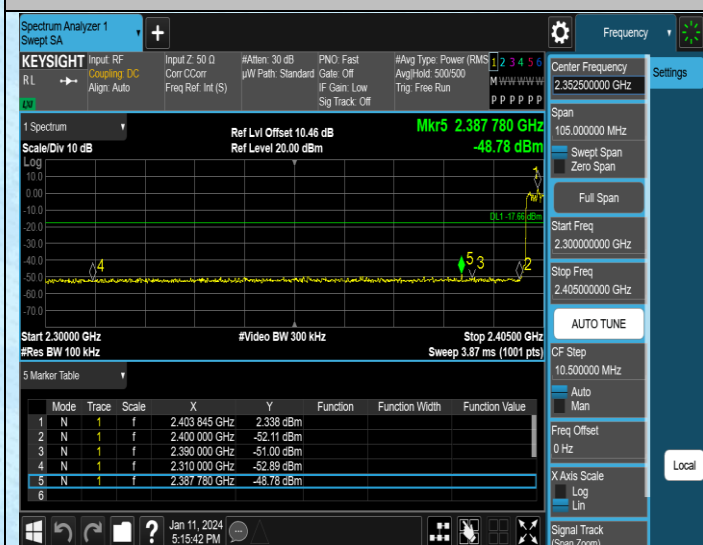
2DH5-Ant1-Hop_2402-PASS



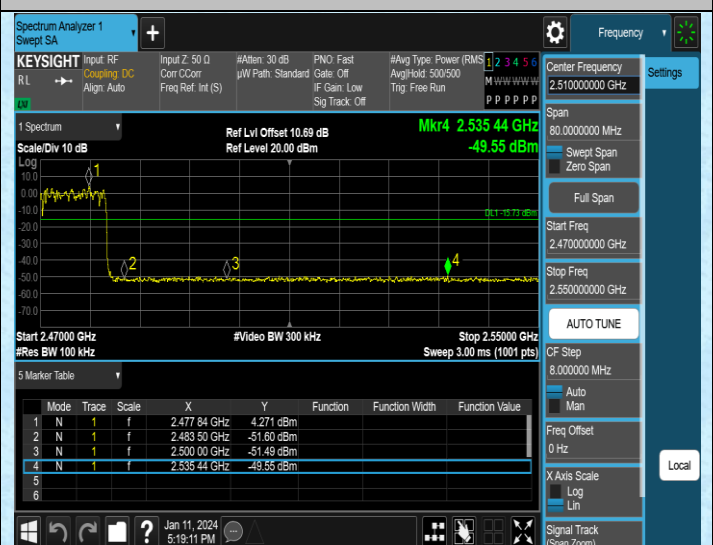
2DH5-Ant1-Hop_2480-PASS



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	4.31	4.31	---	PASS
DH5	Ant1	2402	30~1000	4.31	-61.76	≤-15.69	PASS
DH5	Ant1	2402	1000~26500	4.31	-49.45	≤-15.69	PASS
DH5	Ant1	2441	0~Reference	4.68	4.68	---	PASS
DH5	Ant1	2441	30~1000	4.68	-61.82	≤-15.32	PASS
DH5	Ant1	2441	1000~26500	4.68	-49.64	≤-15.32	PASS
DH5	Ant1	2480	0~Reference	4.97	4.97	---	PASS
DH5	Ant1	2480	30~1000	4.97	-61.63	≤-15.03	PASS
DH5	Ant1	2480	1000~26500	4.97	-50.23	≤-15.03	PASS
2DH5	Ant1	2402	0~Reference	4.01	4.01	---	PASS
2DH5	Ant1	2402	30~1000	4.01	-62.21	≤-15.99	PASS
2DH5	Ant1	2402	1000~26500	4.01	-50.43	≤-15.99	PASS
2DH5	Ant1	2441	0~Reference	3.81	3.81	---	PASS
2DH5	Ant1	2441	30~1000	3.81	-61.45	≤-16.19	PASS
2DH5	Ant1	2441	1000~26500	3.81	-50.62	≤-16.19	PASS
2DH5	Ant1	2480	0~Reference	4.21	4.21	---	PASS
2DH5	Ant1	2480	30~1000	4.21	-61.47	≤-15.79	PASS
2DH5	Ant1	2480	1000~26500	4.21	-49.52	≤-15.79	PASS
3DH5	Ant1	2402	0~Reference	2.91	2.91	---	PASS
3DH5	Ant1	2402	30~1000	2.91	-62.76	≤-17.09	PASS
3DH5	Ant1	2402	1000~26500	2.91	-49.85	≤-17.09	PASS
3DH5	Ant1	2441	0~Reference	3.59	3.59	---	PASS
3DH5	Ant1	2441	30~1000	3.59	-61.77	≤-16.41	PASS
3DH5	Ant1	2441	1000~26500	3.59	-50.02	≤-16.41	PASS
3DH5	Ant1	2480	0~Reference	4.51	4.51	---	PASS
3DH5	Ant1	2480	30~1000	4.51	-60.67	≤-15.49	PASS
3DH5	Ant1	2480	1000~26500	4.51	-50.16	≤-15.49	PASS