

AppendixA: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]
DH5	Ant1	2402	0.981	2401.517	2402.498
DH5	Ant1	2441	1.005	2440.541	2441.546
DH5	Ant1	2480	0.948	2479.550	2480.498
2DH5	Ant1	2402	1.359	2401.331	2402.690
2DH5	Ant1	2441	1.350	2440.334	2441.684
2DH5	Ant1	2480	1.359	2479.334	2480.693
3DH5	Ant1	2402	1.347	2401.328	2402.675
3DH5	Ant1	2441	1.311	2440.358	2441.669
3DH5	Ant1	2480	1.356	2479.331	2480.687

Test Graphs



DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480



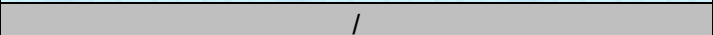
3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

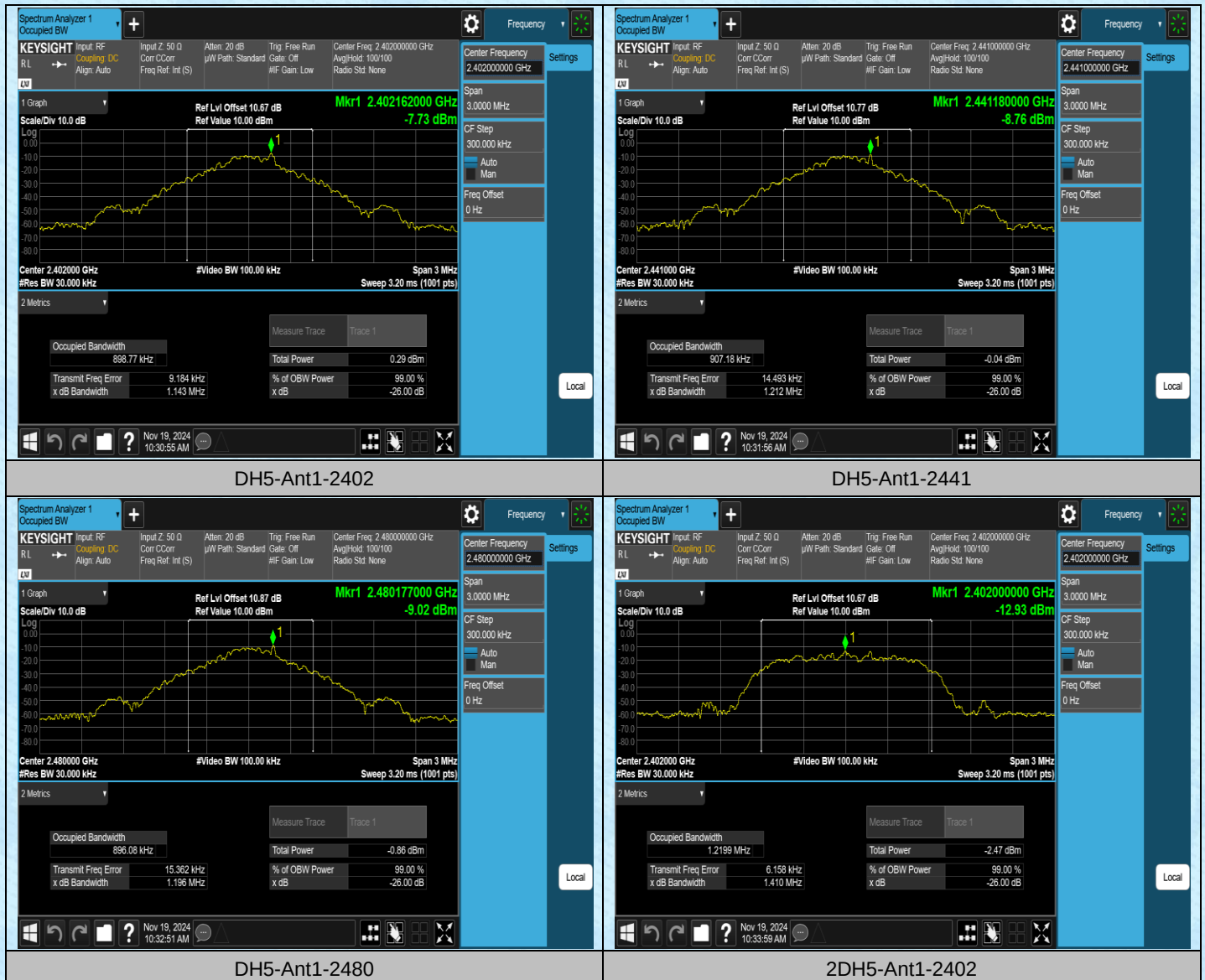


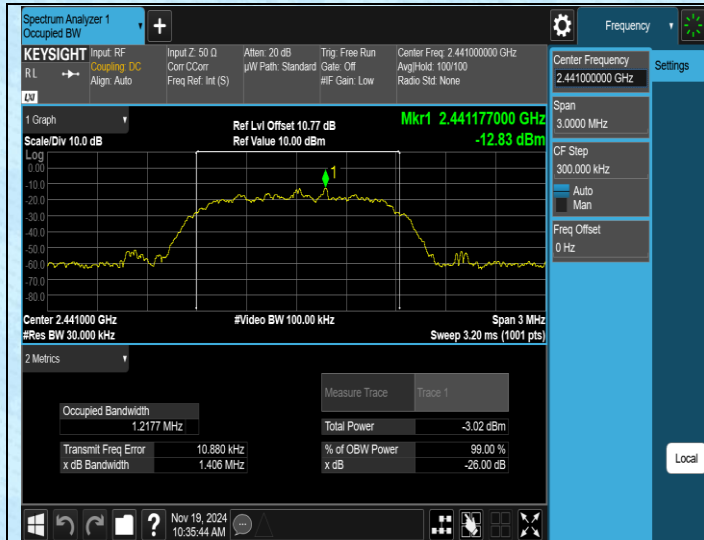
AppendixB: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
DH5	Ant1	2402	0.89877	2401.5598	2402.4586
DH5	Ant1	2441	0.90718	2440.5609	2441.4681
DH5	Ant1	2480	0.89608	2479.5673	2480.4634
2DH5	Ant1	2402	1.2199	2401.3962	2402.6161
2DH5	Ant1	2441	1.2177	2440.4020	2441.6197
2DH5	Ant1	2480	1.2165	2479.4078	2480.6243
3DH5	Ant1	2402	1.2138	2401.3926	2402.6064
3DH5	Ant1	2441	1.2168	2440.3977	2441.6145
3DH5	Ant1	2480	1.2102	2479.4068	2480.6170

Test Graphs

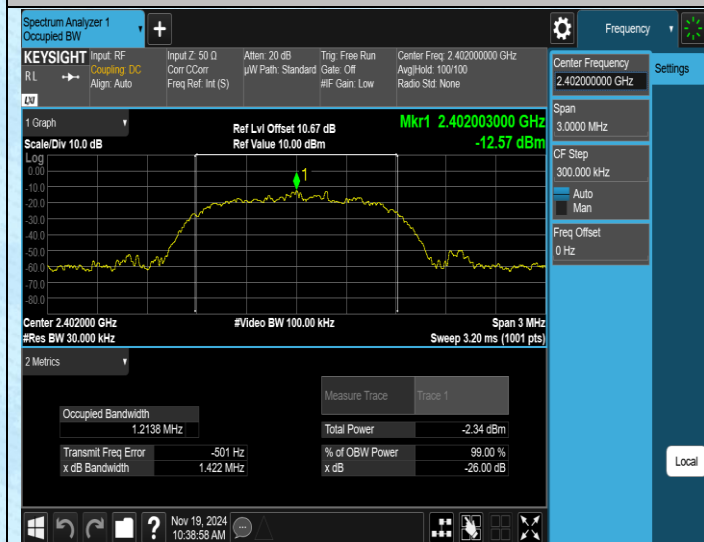




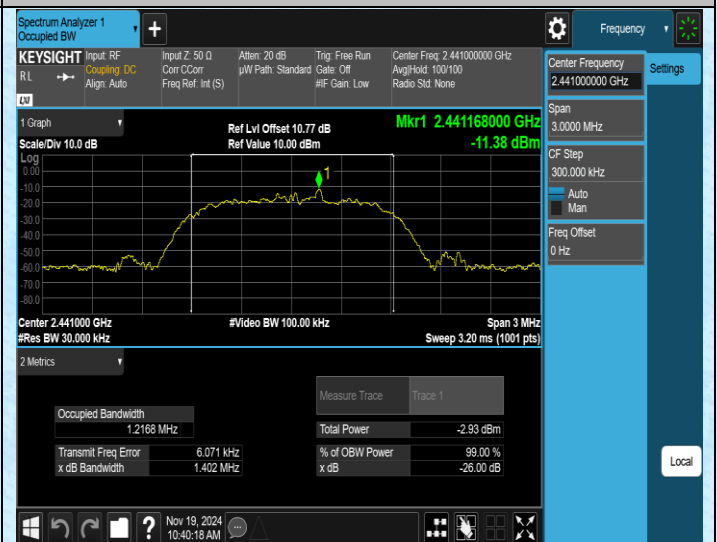
2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



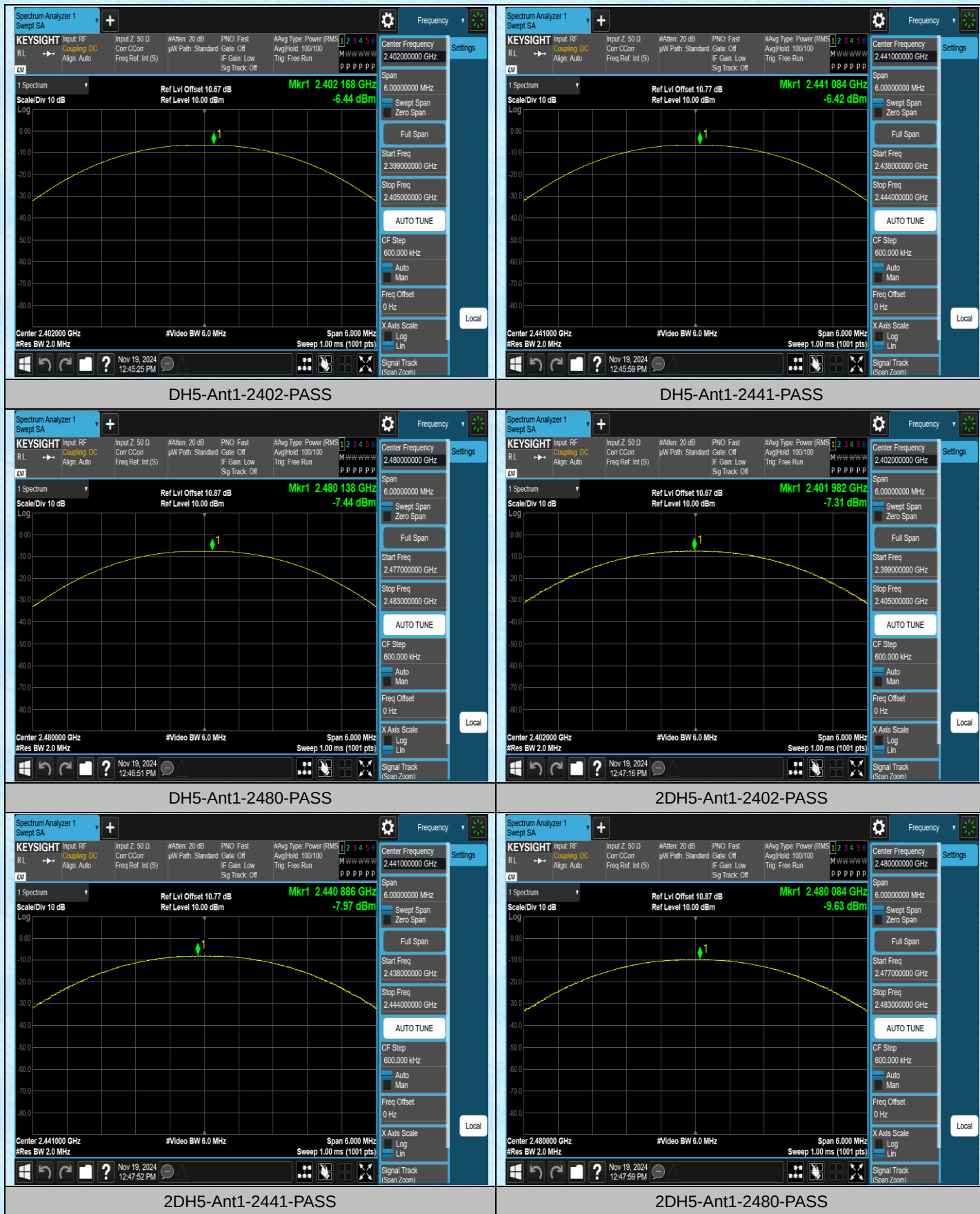
3DH5-Ant1-2480

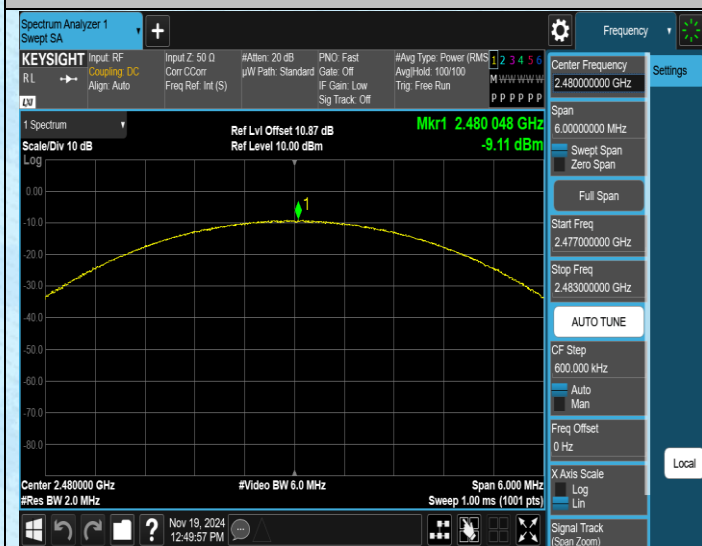
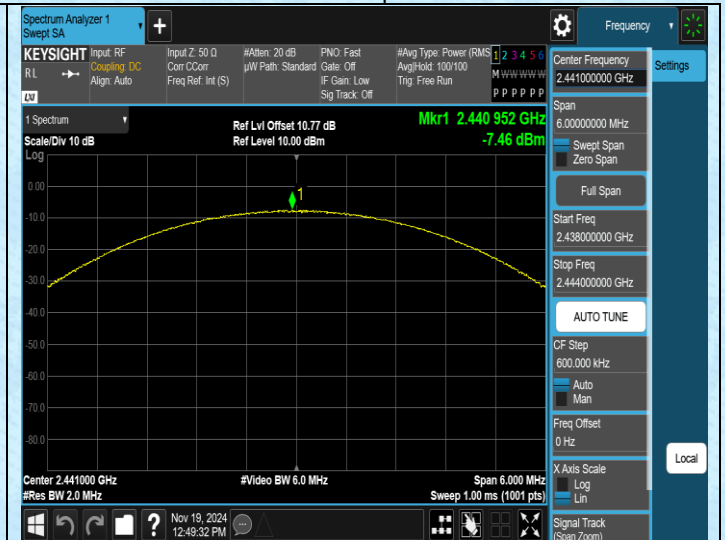
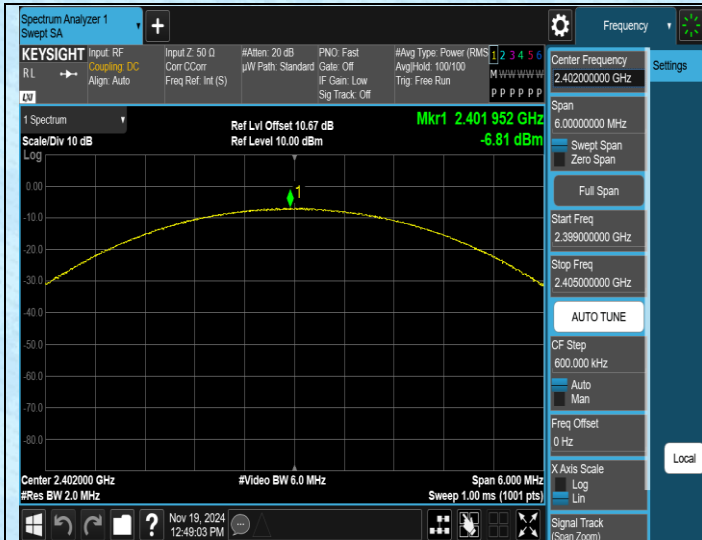
AppendixC: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-6.44	≤20.97	PASS
DH5	Ant1	2441	-6.42	≤20.97	PASS
DH5	Ant1	2480	-7.44	≤20.97	PASS
2DH5	Ant1	2402	-7.31	≤20.97	PASS
2DH5	Ant1	2441	-7.97	≤20.97	PASS
2DH5	Ant1	2480	-9.63	≤20.97	PASS
3DH5	Ant1	2402	-6.81	≤20.97	PASS
3DH5	Ant1	2441	-7.46	≤20.97	PASS
3DH5	Ant1	2480	-9.12	≤20.97	PASS

Test Graphs



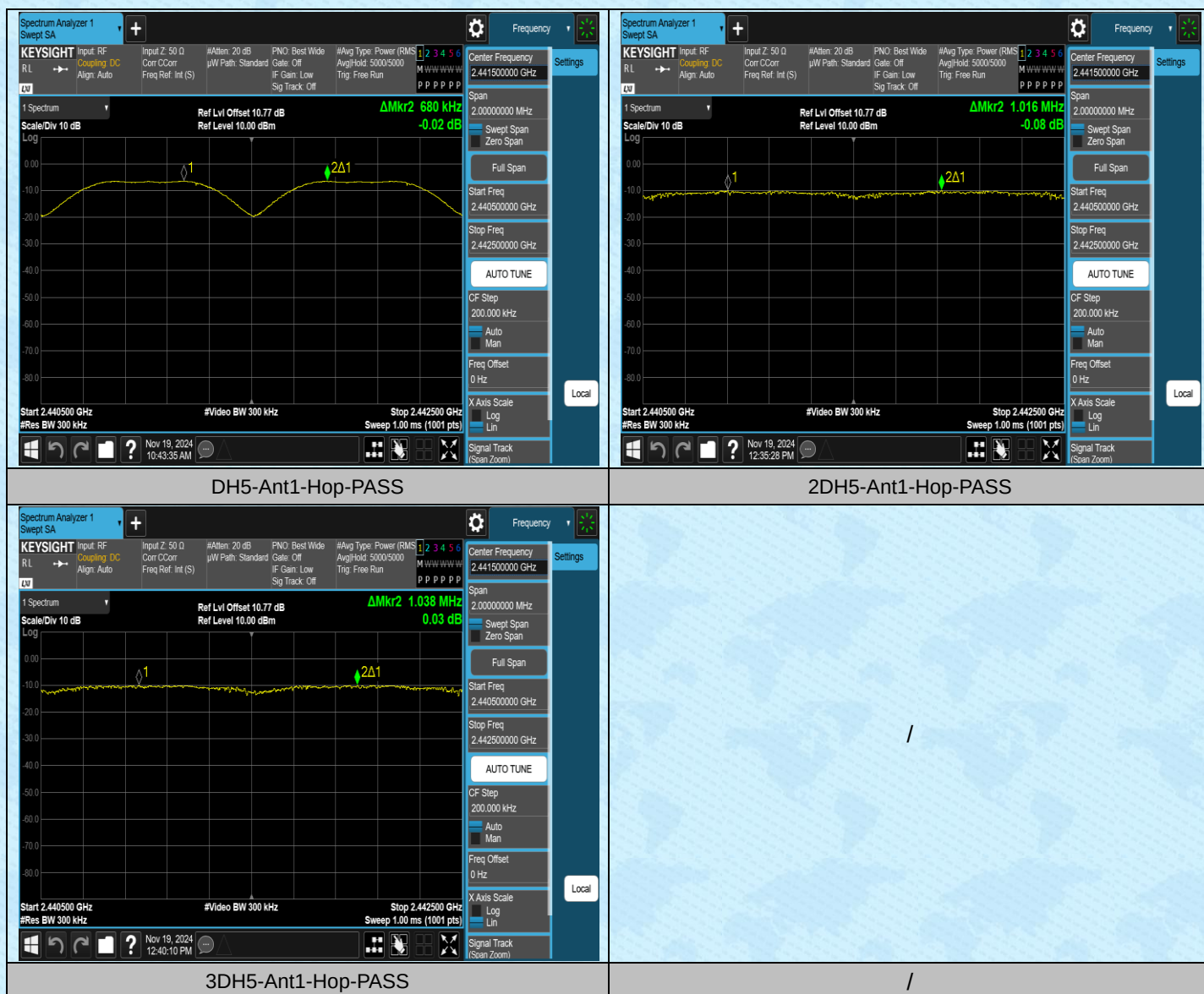


AppendixD: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.68	≥0.670	PASS
2DH5	Ant1	Hop	1.016	≥0.906	PASS
3DH5	Ant1	Hop	1.038	≥0.904	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	0.381	320	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.638	160	0.262	≤0.4	PASS
DH5	Ant1	Hop	2.887	106.67	0.308	≤0.4	PASS
2DH1	Ant1	Hop	0.388	320	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.640	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.888	106.67	0.308	≤0.4	PASS
3DH1	Ant1	Hop	0.388	320	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.639	160	0.262	≤0.4	PASS
3DH5	Ant1	Hop	2.888	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

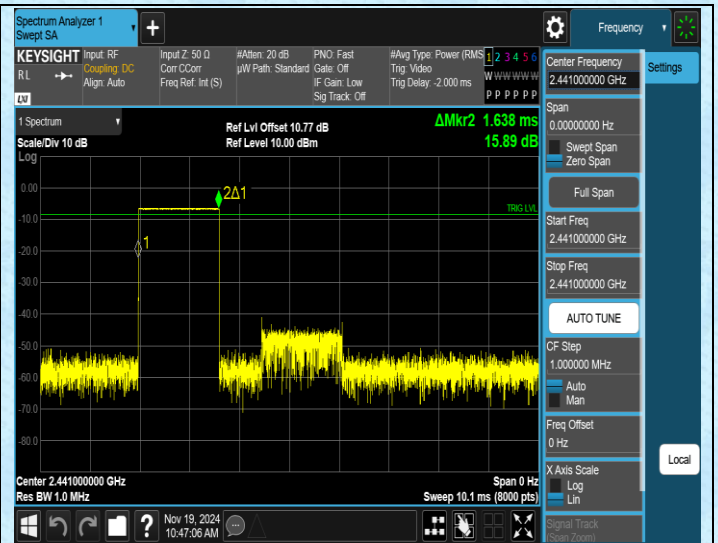
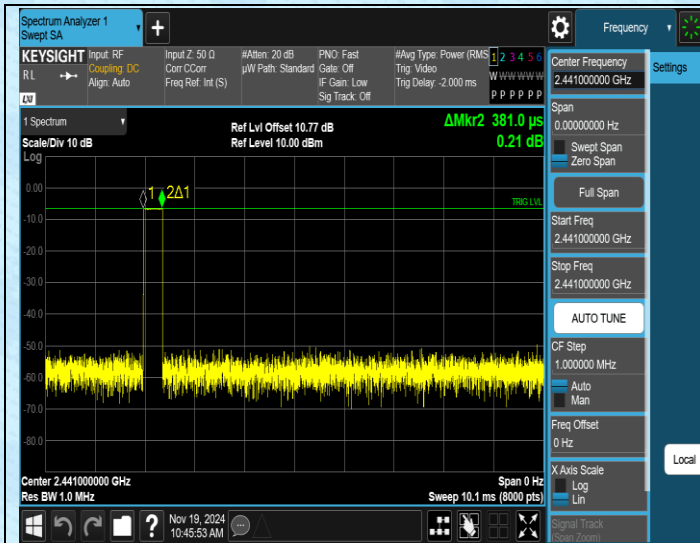
DH3/2DH3/3DH3: TotalHops=1600/79/4*0.4*79

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

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

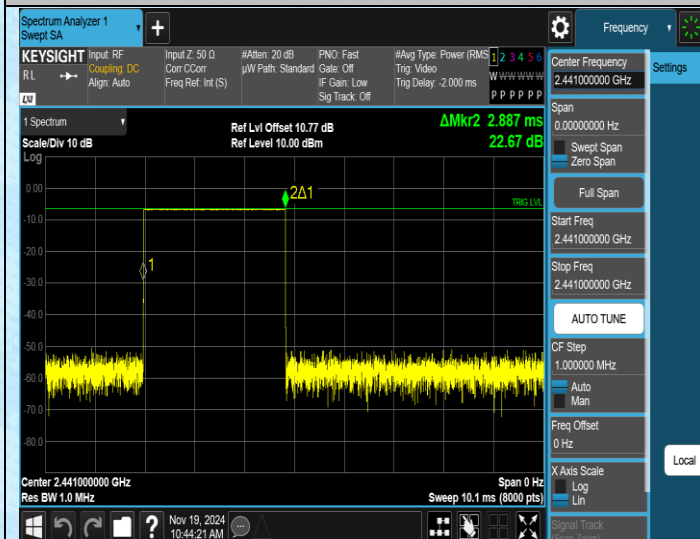
DH1/2DH1/3DH1: Time of occupancy= TotalHops * (BurstWidth) /1000

Test Graphs



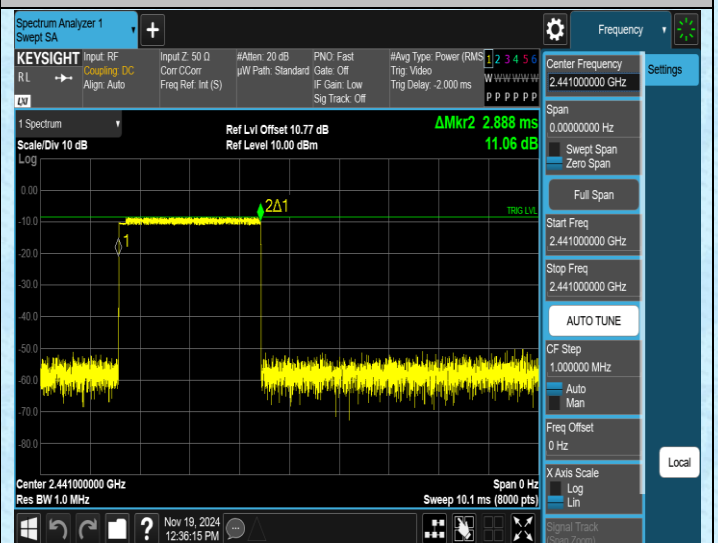
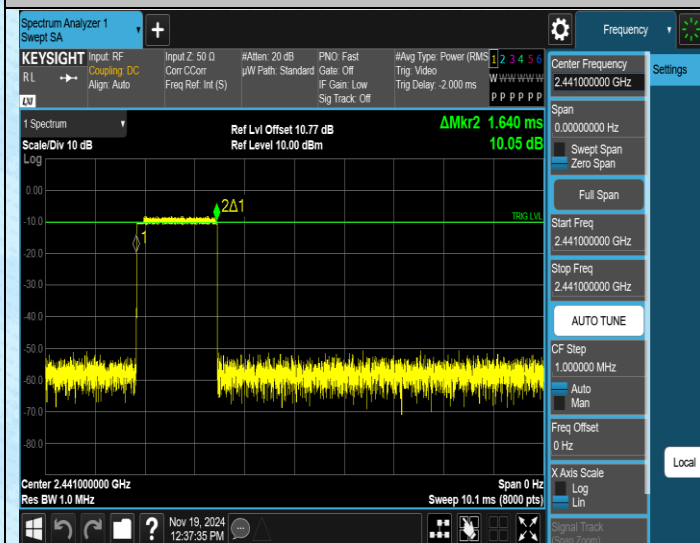
DH1-Ant1-Hop-PASS

DH3-Ant1-Hop-PASS



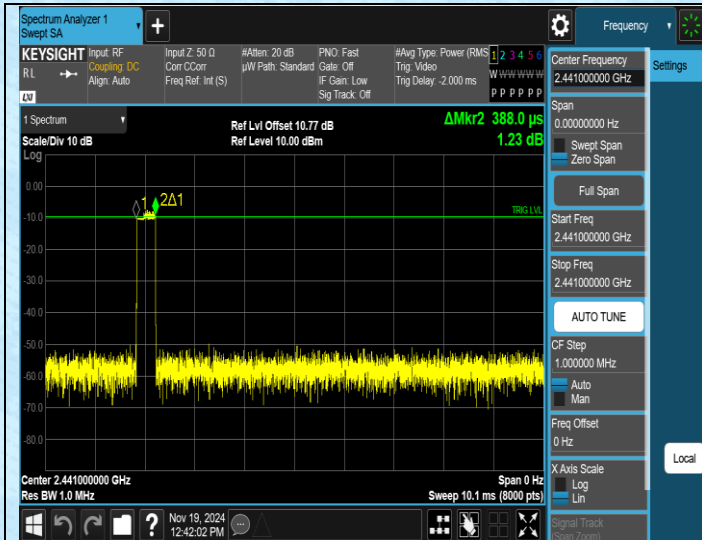
DH5-Ant1-Hop-PASS

2DH1-Ant1-Hop-PASS

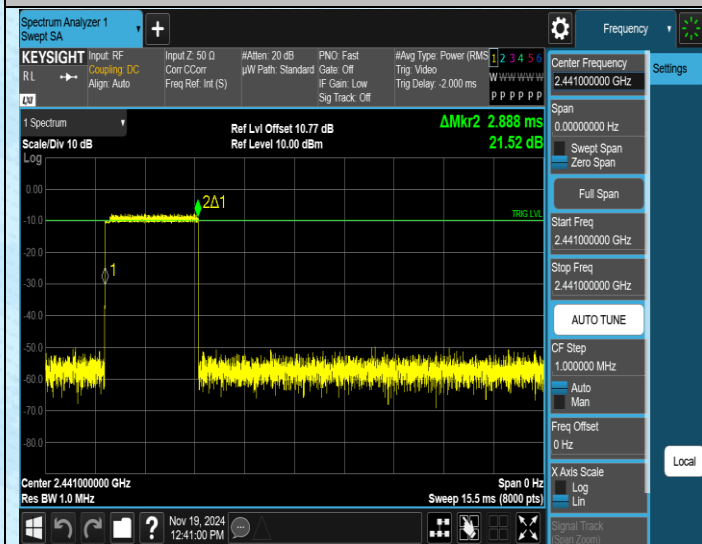


2DH3-Ant1-Hop-PASS

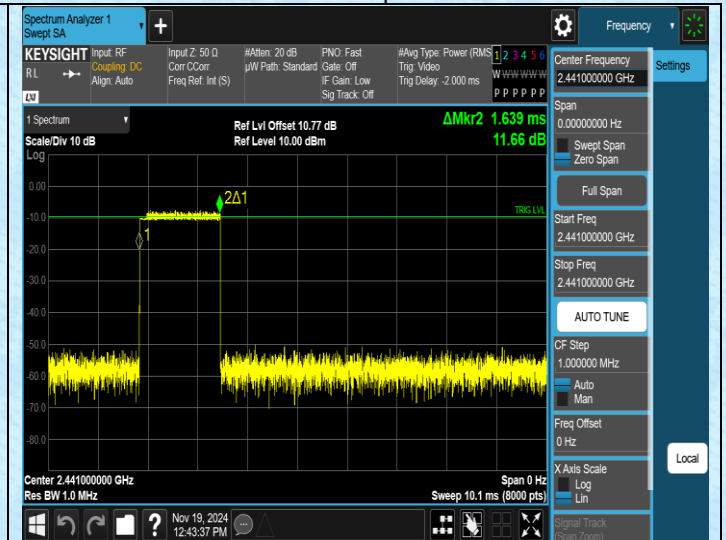
2DH5-Ant1-Hop-PASS



3DH1-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



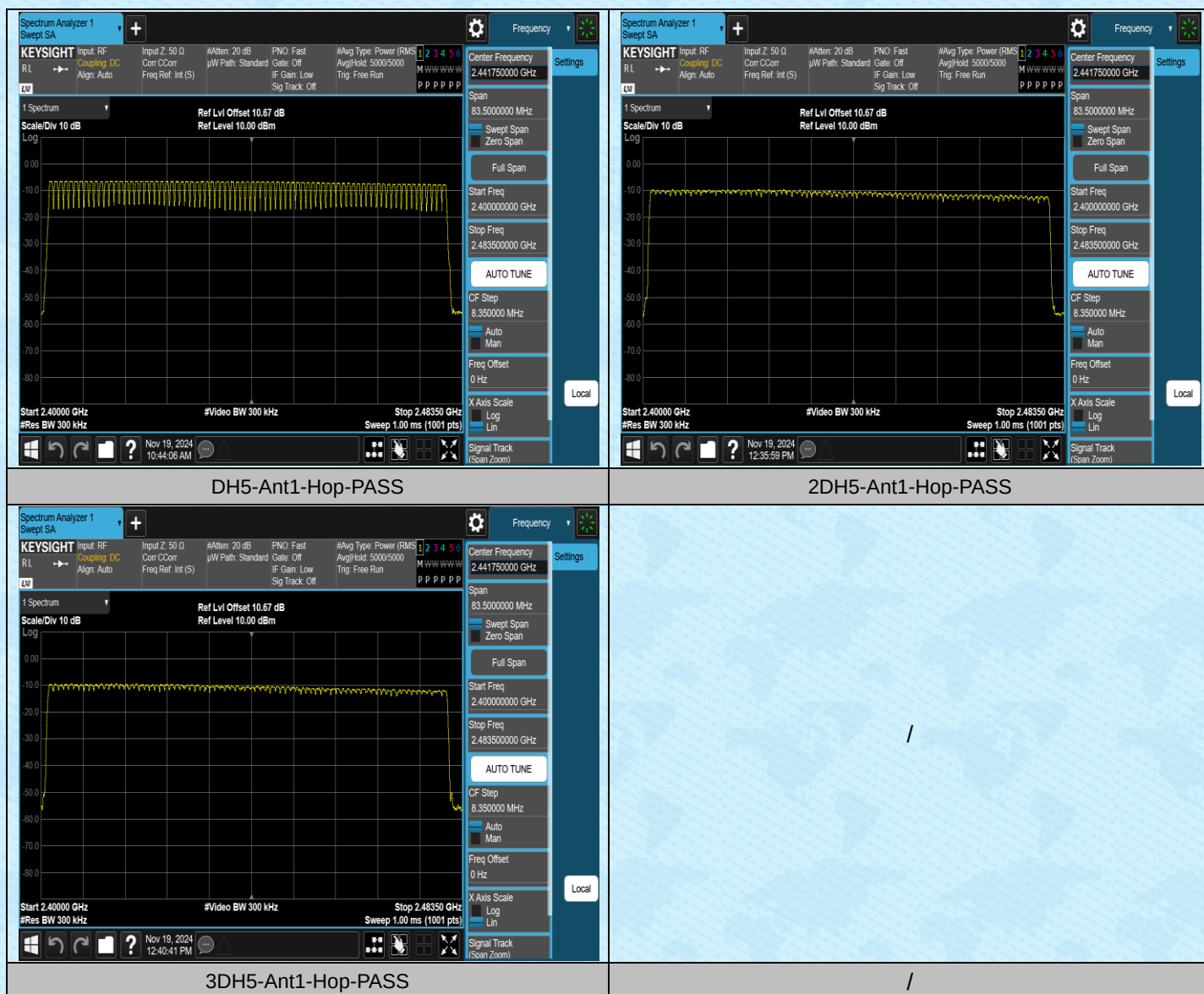
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AppendixF: Number of hopping channels

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

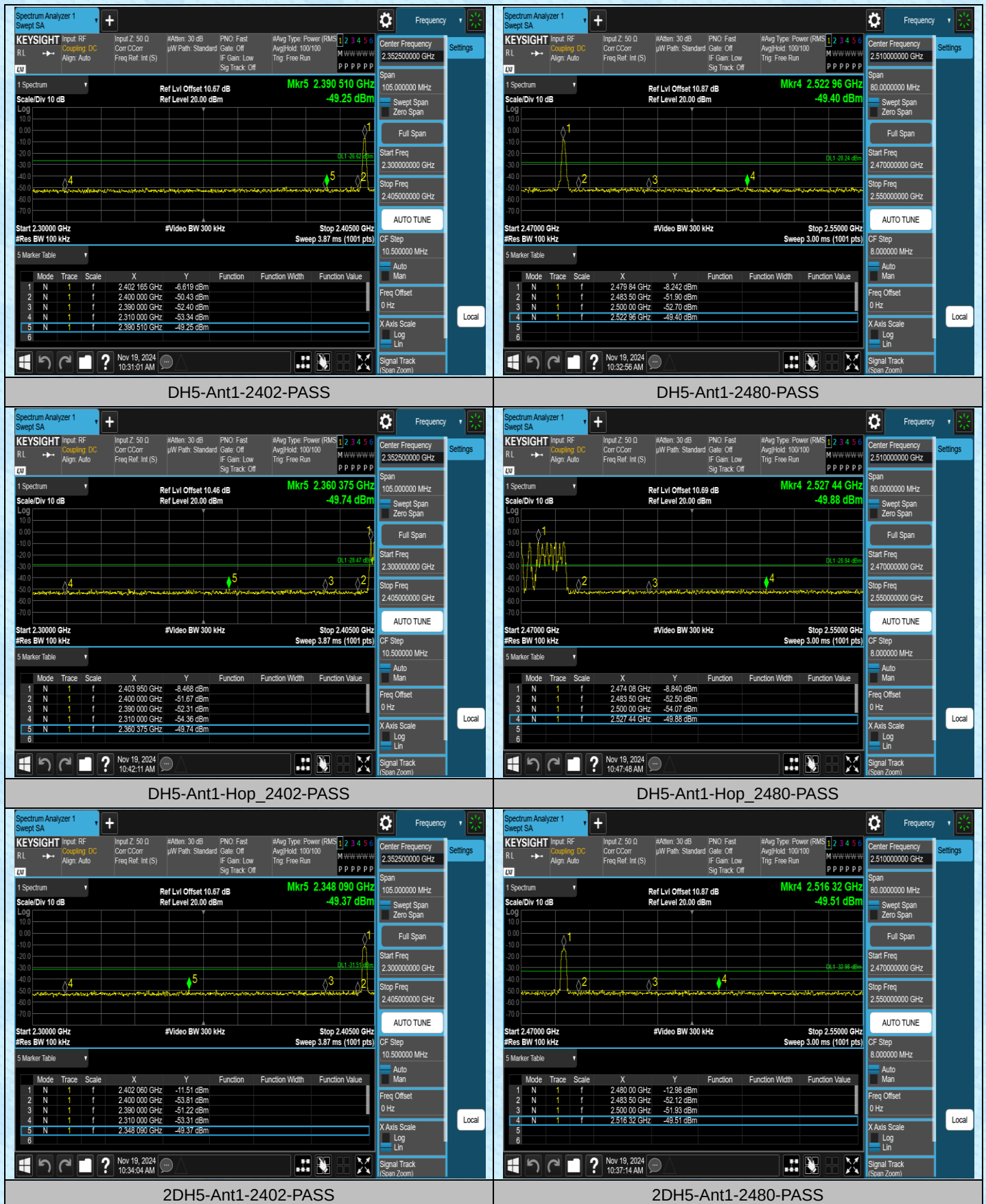


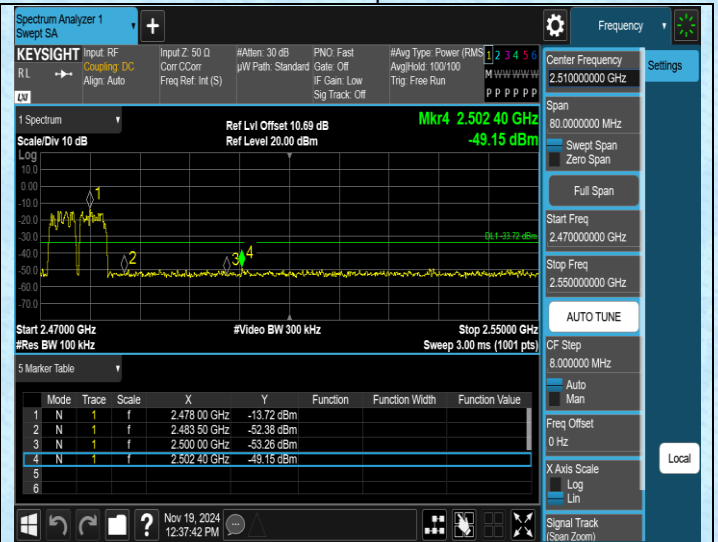
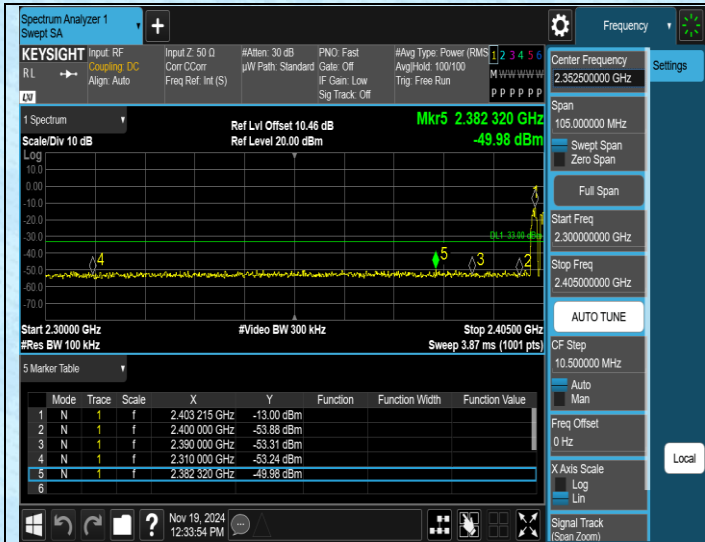
AppendixG:Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-6.62	-49.25	≤ -26.62	PASS
DH5	Ant1	High	2480	-8.24	-49.4	≤ -28.24	PASS
DH5	Ant1	Low	Hop_2402	-8.47	-49.74	≤ -28.47	PASS
DH5	Ant1	High	Hop_2480	-8.84	-49.88	≤ -28.84	PASS
2DH5	Ant1	Low	2402	-11.51	-49.37	≤ -31.51	PASS
2DH5	Ant1	High	2480	-12.98	-49.51	≤ -32.98	PASS
2DH5	Ant1	Low	Hop_2402	-13.00	-49.98	≤ -33	PASS
2DH5	Ant1	High	Hop_2480	-13.72	-49.15	≤ -33.72	PASS
3DH5	Ant1	Low	2402	-9.50	-49.32	≤ -29.5	PASS
3DH5	Ant1	High	2480	-11.66	-48.68	≤ -31.66	PASS
3DH5	Ant1	Low	Hop_2402	-14.95	-50.28	≤ -34.95	PASS
3DH5	Ant1	High	Hop_2480	-14.36	-49.4	≤ -34.36	PASS

Test Graphs

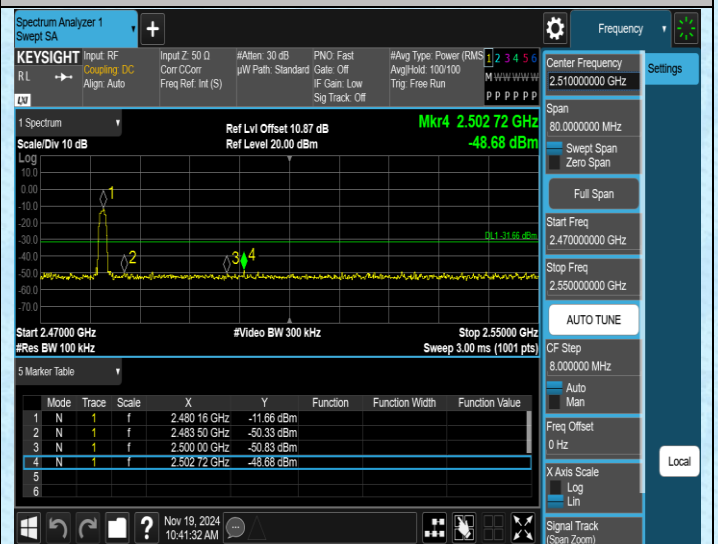




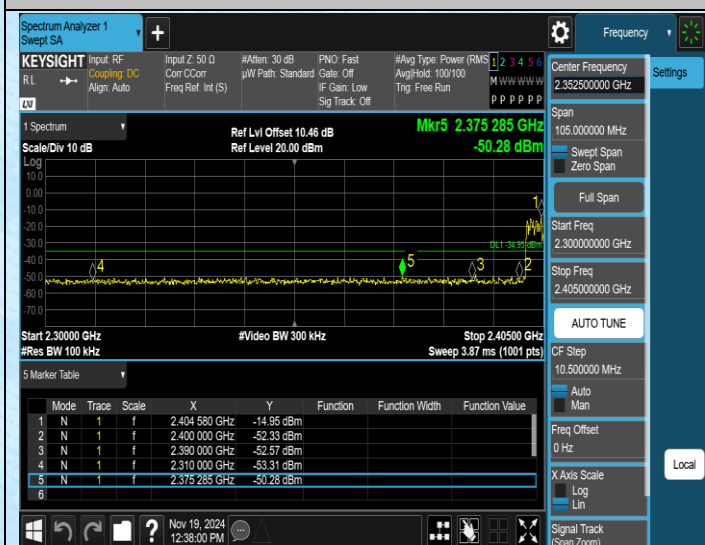
2DH5-Ant1-Hop_2402-PASS



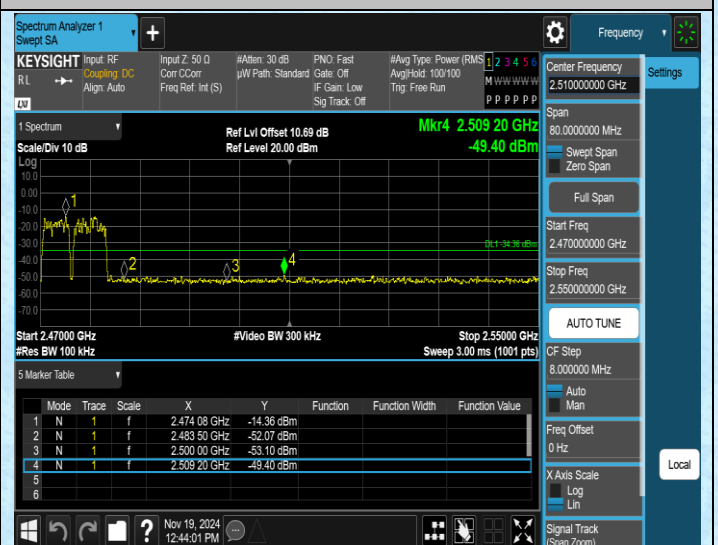
2DH5-Ant1-Hop_2480-PASS



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]	Freq Range [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-6.42	-6.42	---	PASS
DH5	Ant1	2402	30~1000	-6.42	-61.81	≤-26.42	PASS
DH5	Ant1	2402	1000~26500	-6.42	-50.31	≤-26.42	PASS
DH5	Ant1	2441	0~Reference	-7.17	-7.17	---	PASS
DH5	Ant1	2441	30~1000	-7.17	-61.65	≤-27.17	PASS
DH5	Ant1	2441	1000~26500	-7.17	-50.42	≤-27.17	PASS
DH5	Ant1	2480	0~Reference	-7.53	-7.53	---	PASS
DH5	Ant1	2480	30~1000	-7.53	-61.56	≤-27.53	PASS
DH5	Ant1	2480	1000~26500	-7.53	-49.4	≤-27.53	PASS
2DH5	Ant1	2402	0~Reference	-9.61	-9.61	---	PASS
2DH5	Ant1	2402	30~1000	-9.61	-62.29	≤-29.61	PASS
2DH5	Ant1	2402	1000~26500	-9.61	-49.8	≤-29.61	PASS
2DH5	Ant1	2441	0~Reference	-10.23	-10.23	---	PASS
2DH5	Ant1	2441	30~1000	-10.23	-62.37	≤-30.23	PASS
2DH5	Ant1	2441	1000~26500	-10.23	-49.91	≤-30.23	PASS
2DH5	Ant1	2480	0~Reference	-11.73	-11.73	---	PASS
2DH5	Ant1	2480	30~1000	-11.73	-61.37	≤-31.73	PASS
2DH5	Ant1	2480	1000~26500	-11.73	-49.89	≤-31.73	PASS
3DH5	Ant1	2402	0~Reference	-9.63	-9.63	---	PASS
3DH5	Ant1	2402	30~1000	-9.63	-61.99	≤-29.63	PASS
3DH5	Ant1	2402	1000~26500	-9.63	-50.4	≤-29.63	PASS
3DH5	Ant1	2441	0~Reference	-10.14	-10.14	---	PASS
3DH5	Ant1	2441	30~1000	-10.14	-61.47	≤-30.14	PASS
3DH5	Ant1	2441	1000~26500	-10.14	-49.75	≤-30.14	PASS
3DH5	Ant1	2480	0~Reference	-11.55	-11.55	---	PASS
3DH5	Ant1	2480	30~1000	-11.55	-62.09	≤-31.55	PASS
3DH5	Ant1	2480	1000~26500	-11.55	-49.81	≤-31.55	PASS