

AppendixA: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.942	2401.517	2402.459	---	---
DH5	Ant1	2441	0.948	2440.517	2441.465	---	---
DH5	Ant1	2480	0.954	2479.511	2480.465	---	---
2DH5	Ant1	2402	1.296	2401.346	2402.642	---	---
2DH5	Ant1	2441	1.290	2440.355	2441.645	---	---
2DH5	Ant1	2480	1.368	2479.298	2480.666	---	---
3DH5	Ant1	2402	1.293	2401.343	2402.636	---	---
3DH5	Ant1	2441	1.335	2440.310	2441.645	---	---
3DH5	Ant1	2480	1.296	2479.337	2480.633	---	---

Test Graphs



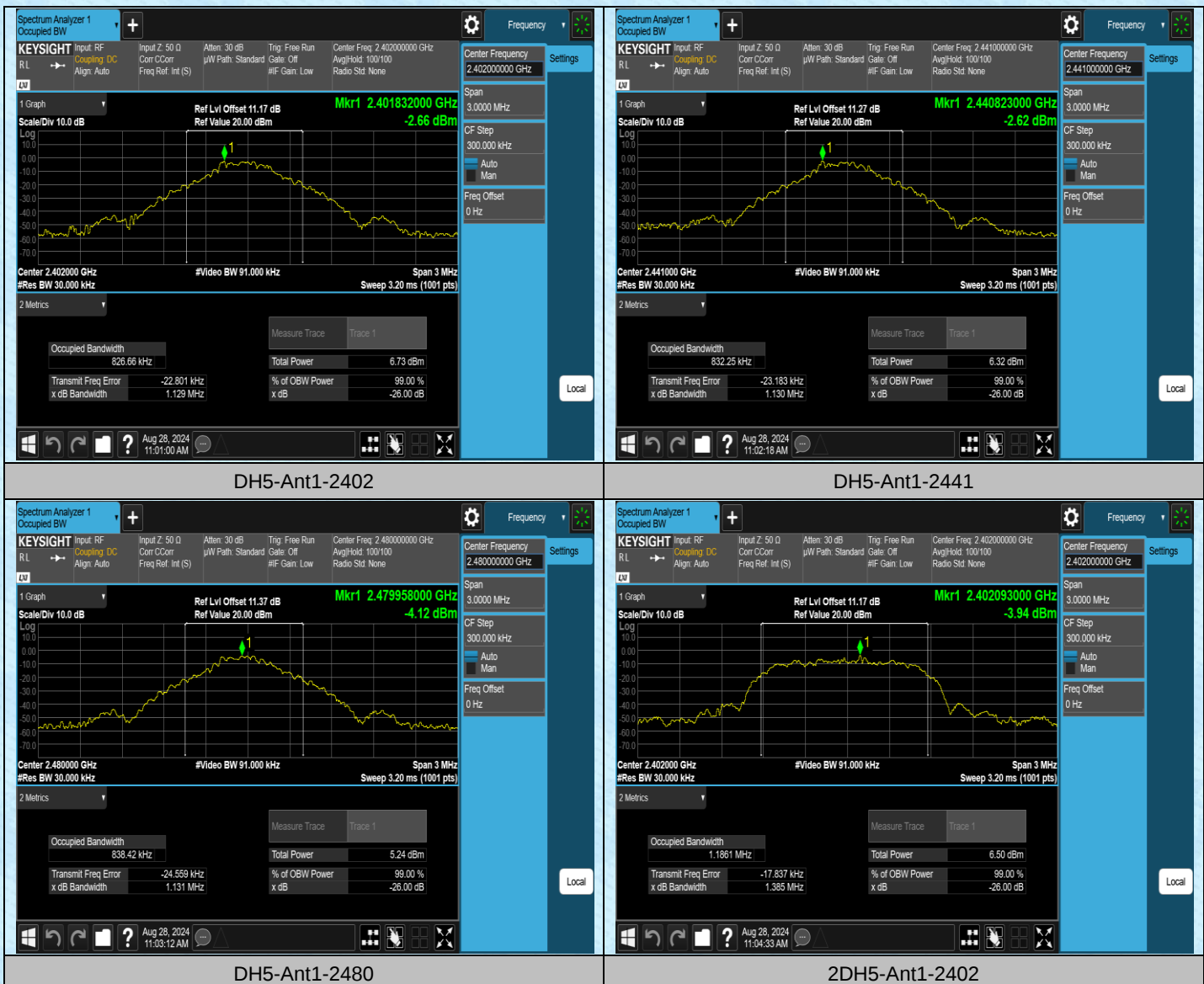


AppendixB: Occupied Channel Bandwidth

Test Result

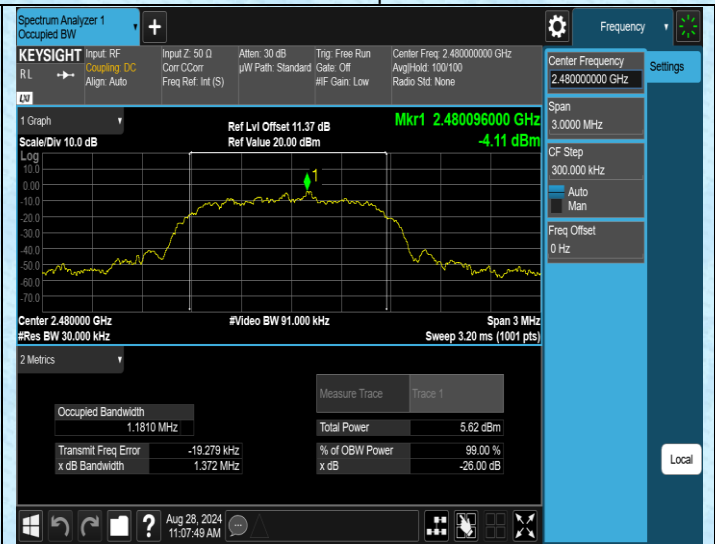
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.82666	2401.5639	2402.3905	---	---
DH5	Ant1	2441	0.83225	2440.5607	2441.3929	---	---
DH5	Ant1	2480	0.83842	2479.5562	2480.3947	---	---
2DH5	Ant1	2402	1.1861	2401.3891	2402.5752	---	---
2DH5	Ant1	2441	1.1807	2440.3917	2441.5724	---	---
2DH5	Ant1	2480	1.1810	2479.3902	2480.5712	---	---
3DH5	Ant1	2402	1.1916	2401.3960	2402.5876	---	---
3DH5	Ant1	2441	1.1984	2440.3913	2441.5897	---	---
3DH5	Ant1	2480	1.1917	2479.3932	2480.5849	---	---

Test Graphs

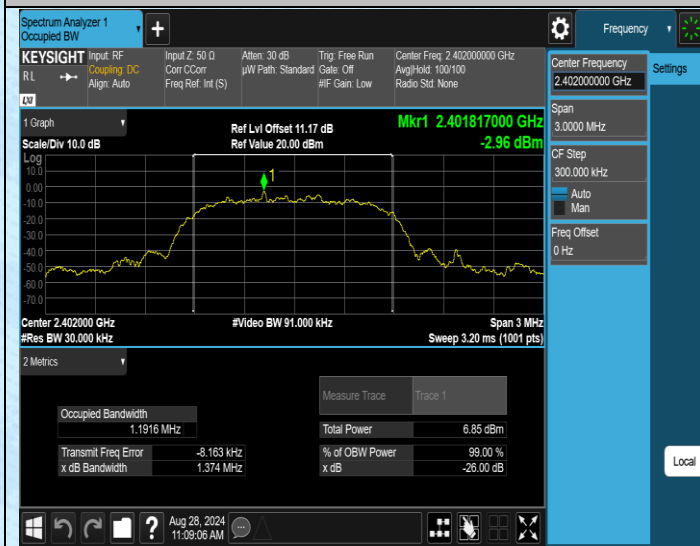




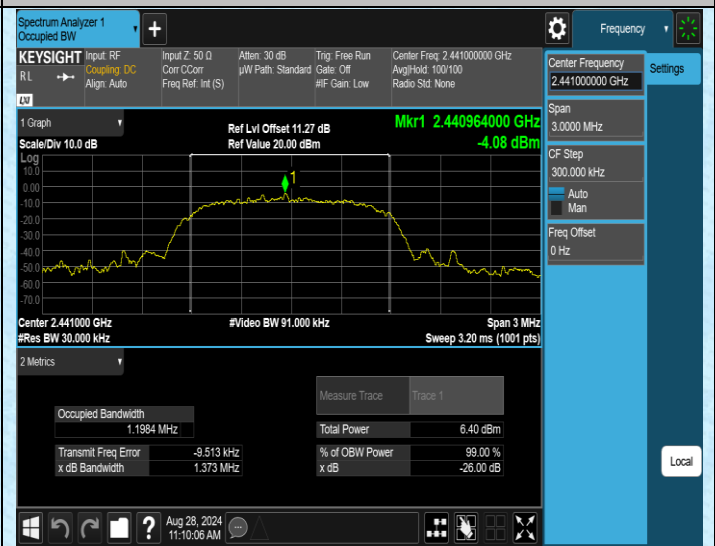
2DH5-Ant1-2441



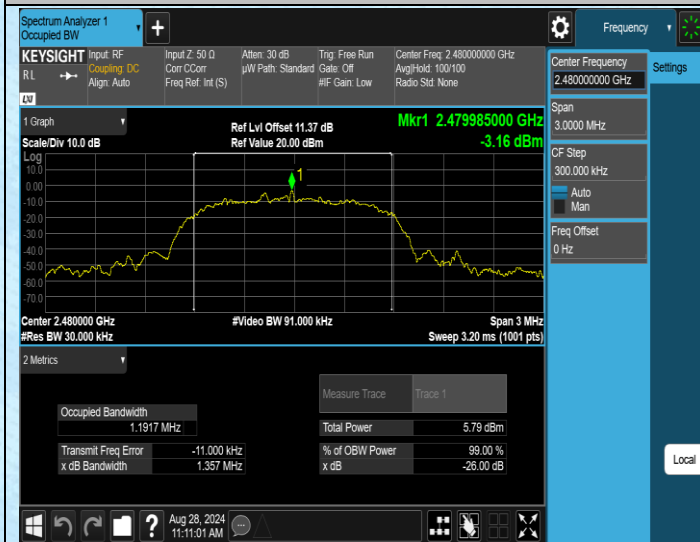
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480



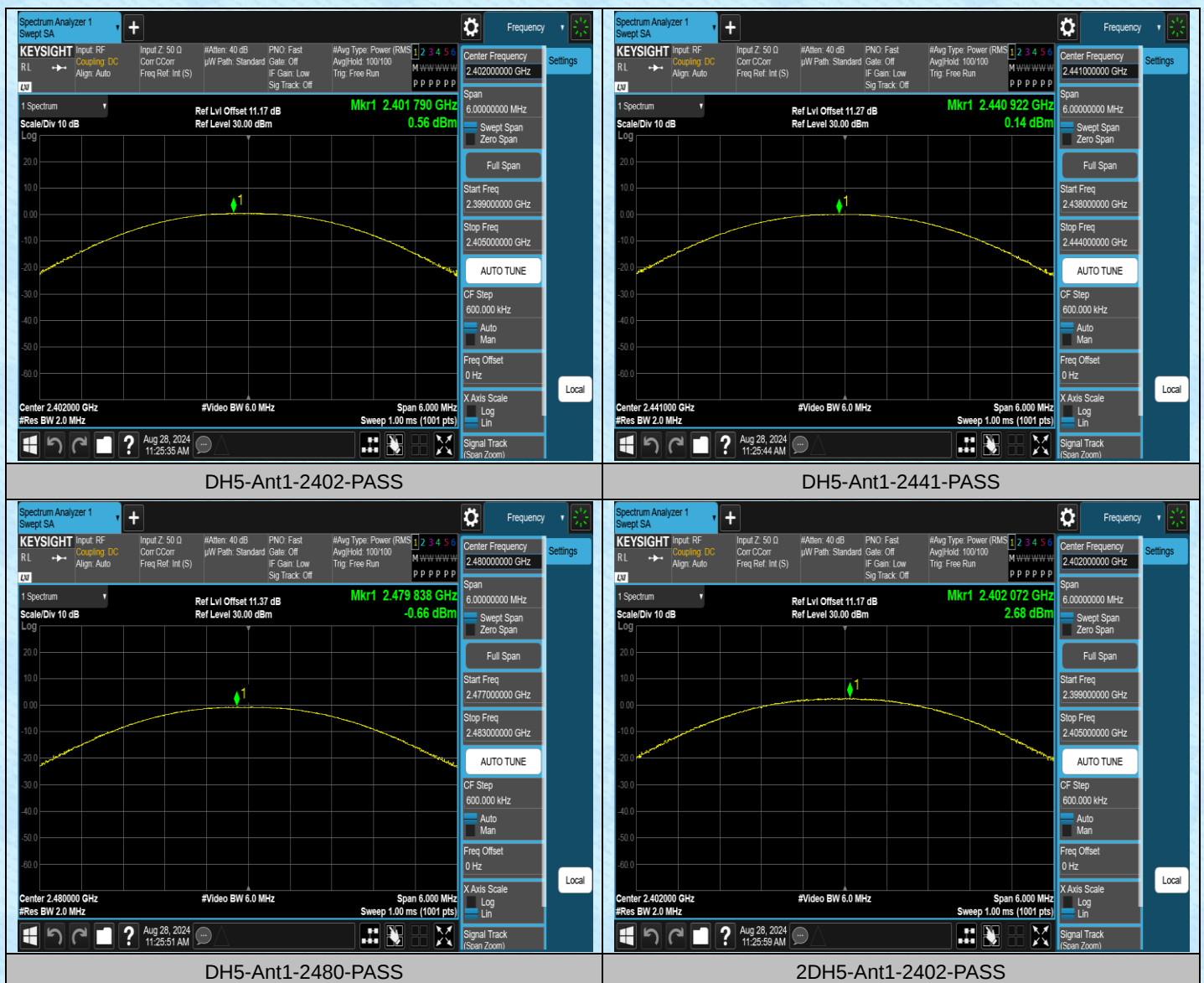
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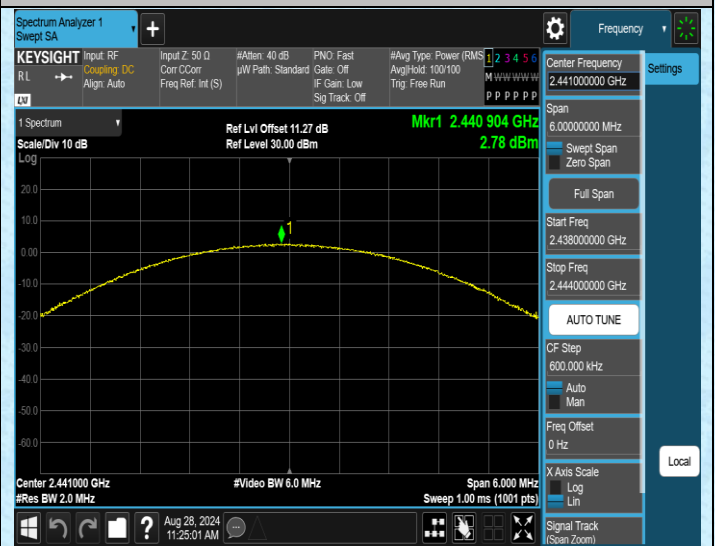
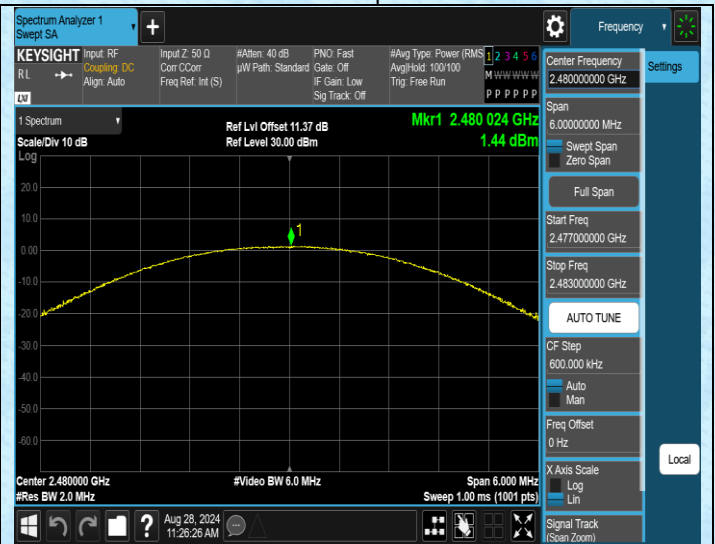
AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.56	≤30	PASS
DH5	Ant1	2441	0.14	≤30	PASS
DH5	Ant1	2480	-0.67	≤30	PASS
2DH5	Ant1	2402	2.68	≤20.97	PASS
2DH5	Ant1	2441	2.27	≤20.97	PASS
2DH5	Ant1	2480	1.44	≤20.97	PASS
3DH5	Ant1	2402	3.27	≤20.97	PASS
3DH5	Ant1	2441	2.78	≤20.97	PASS
3DH5	Ant1	2480	1.96	≤20.97	PASS

Test Graphs



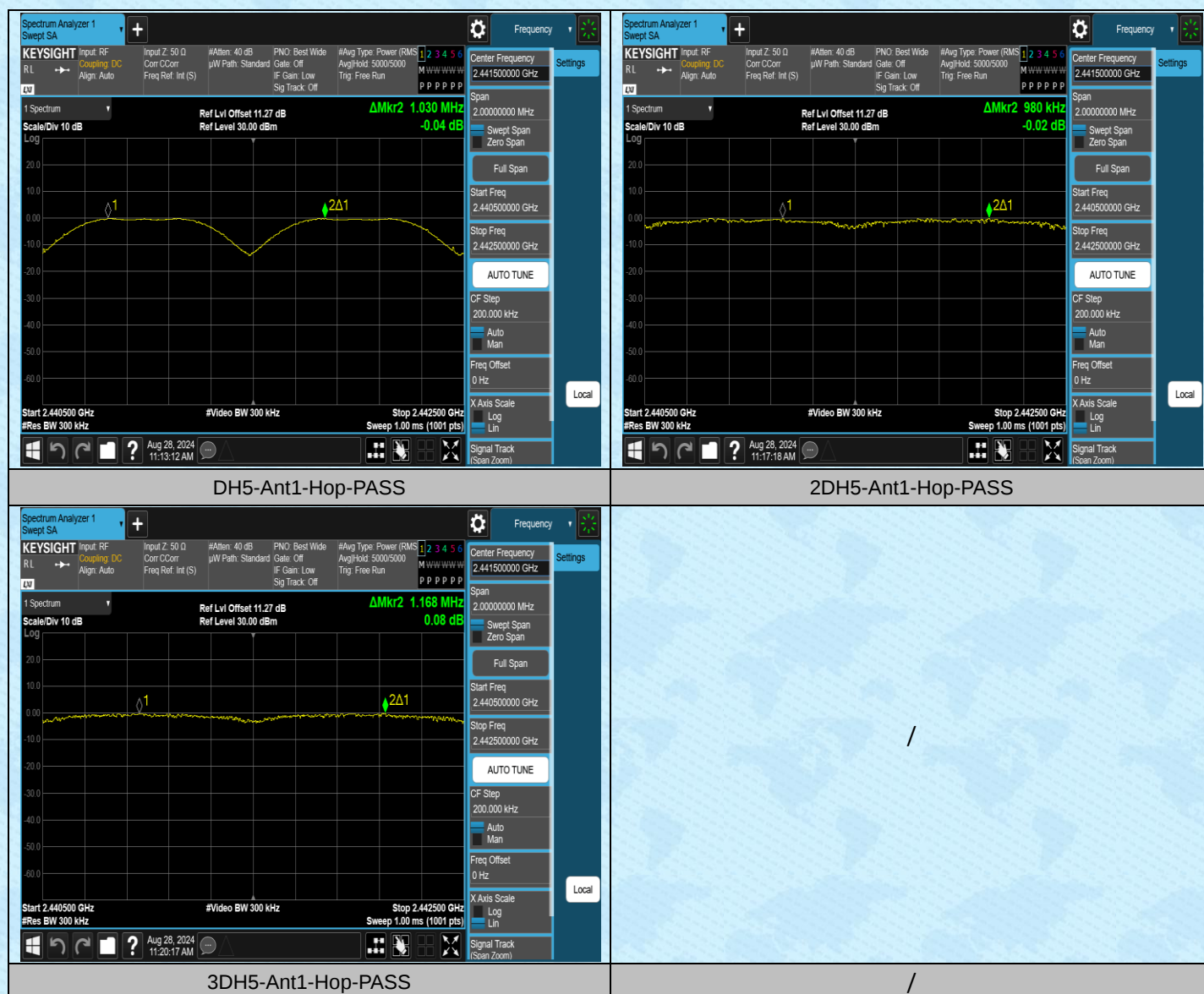


AppendixD: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.03	≥ 0.954	PASS
2DH5	Ant1	Hop	0.98	≥ 0.912	PASS
3DH5	Ant1	Hop	1.168	≥ 0.890	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	1.657	160	0.265	≤0.4	PASS
2DH5	Ant1	Hop	2.906	106.67	0.31	≤0.4	PASS
3DH1	Ant1	Hop	0.407	320	0.13	≤0.4	PASS
3DH3	Ant1	Hop	1.657	160	0.265	≤0.4	PASS
3DH5	Ant1	Hop	2.908	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

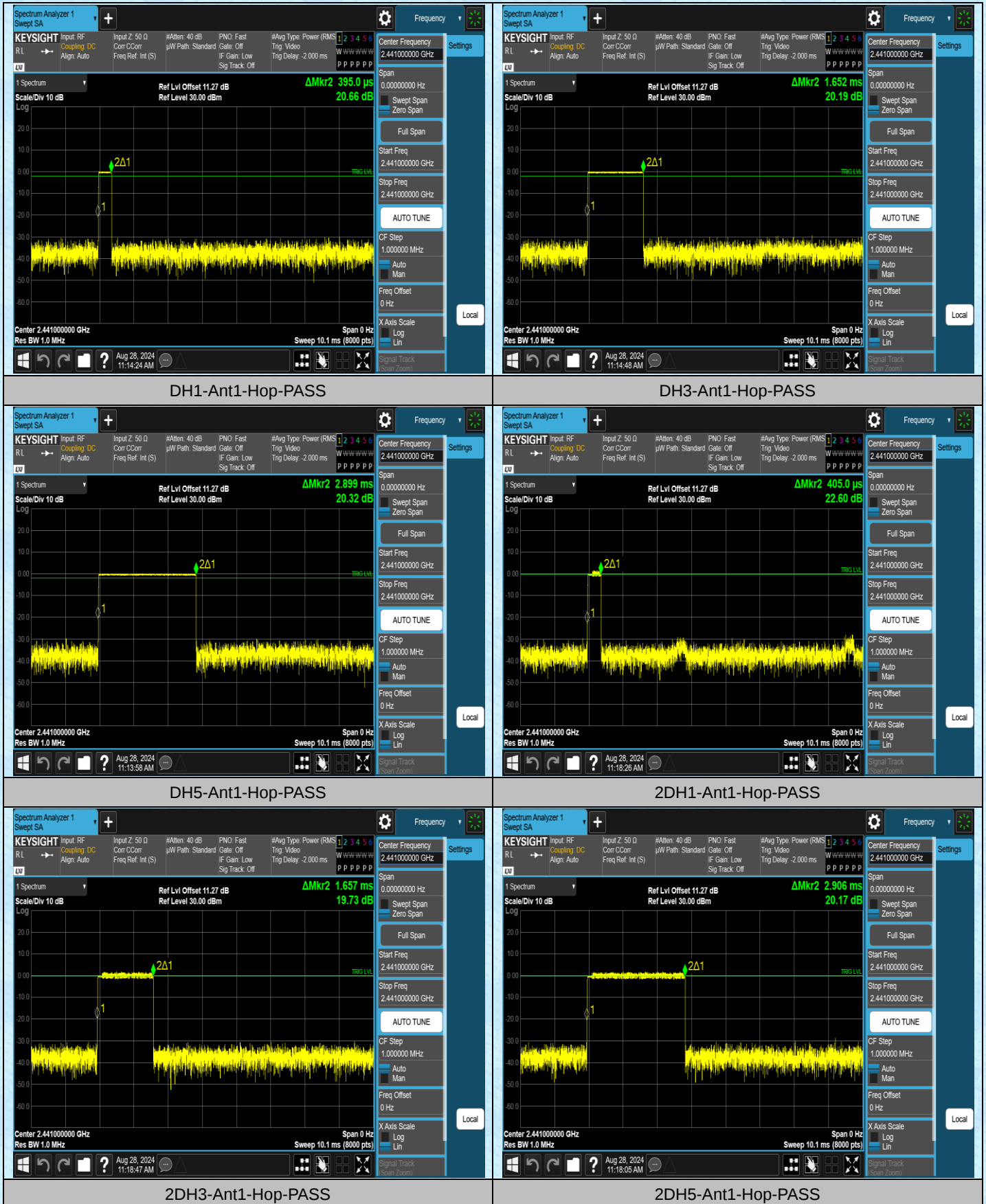
DH3/2DH3/3DH3: TotalHops=1600/79/4*0.4*79

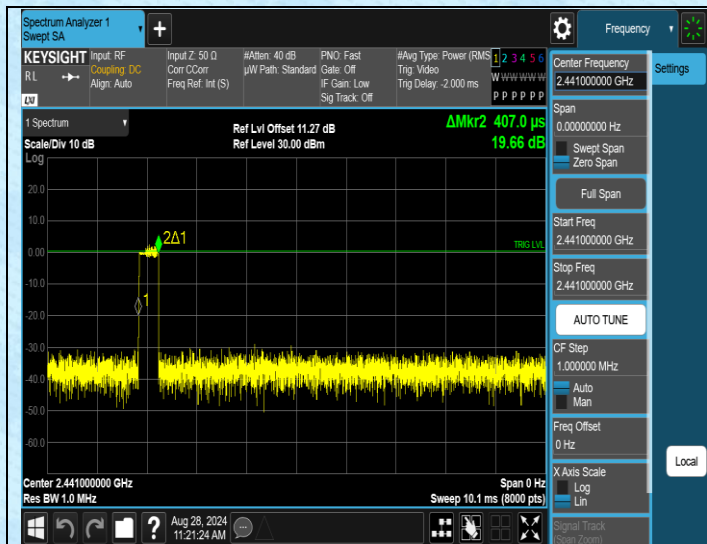
DH3/2DH3/3DH3: Time of occupancy= TotalHops * (BurstWidth) /1000

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

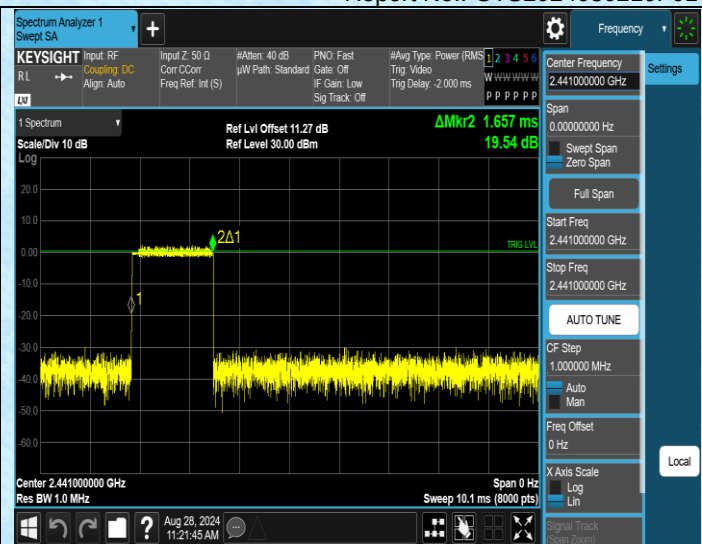
DH1/2DH1/3DH1: Time of occupancy= TotalHops * (BurstWidth) /1000

Test Graphs

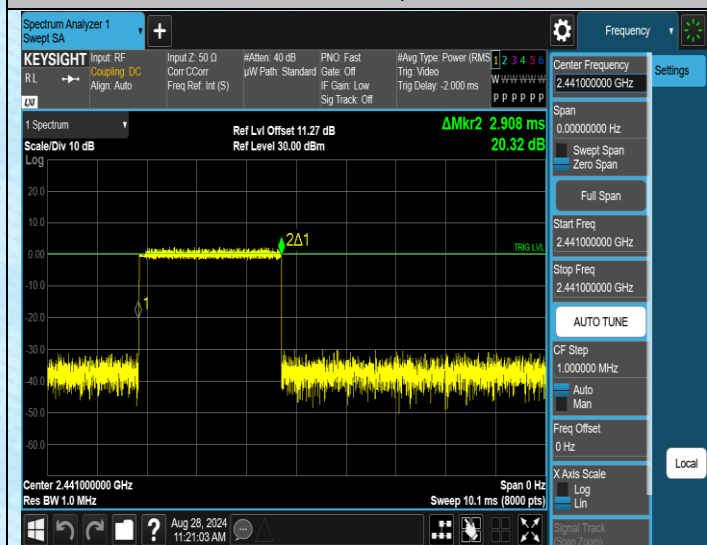




3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



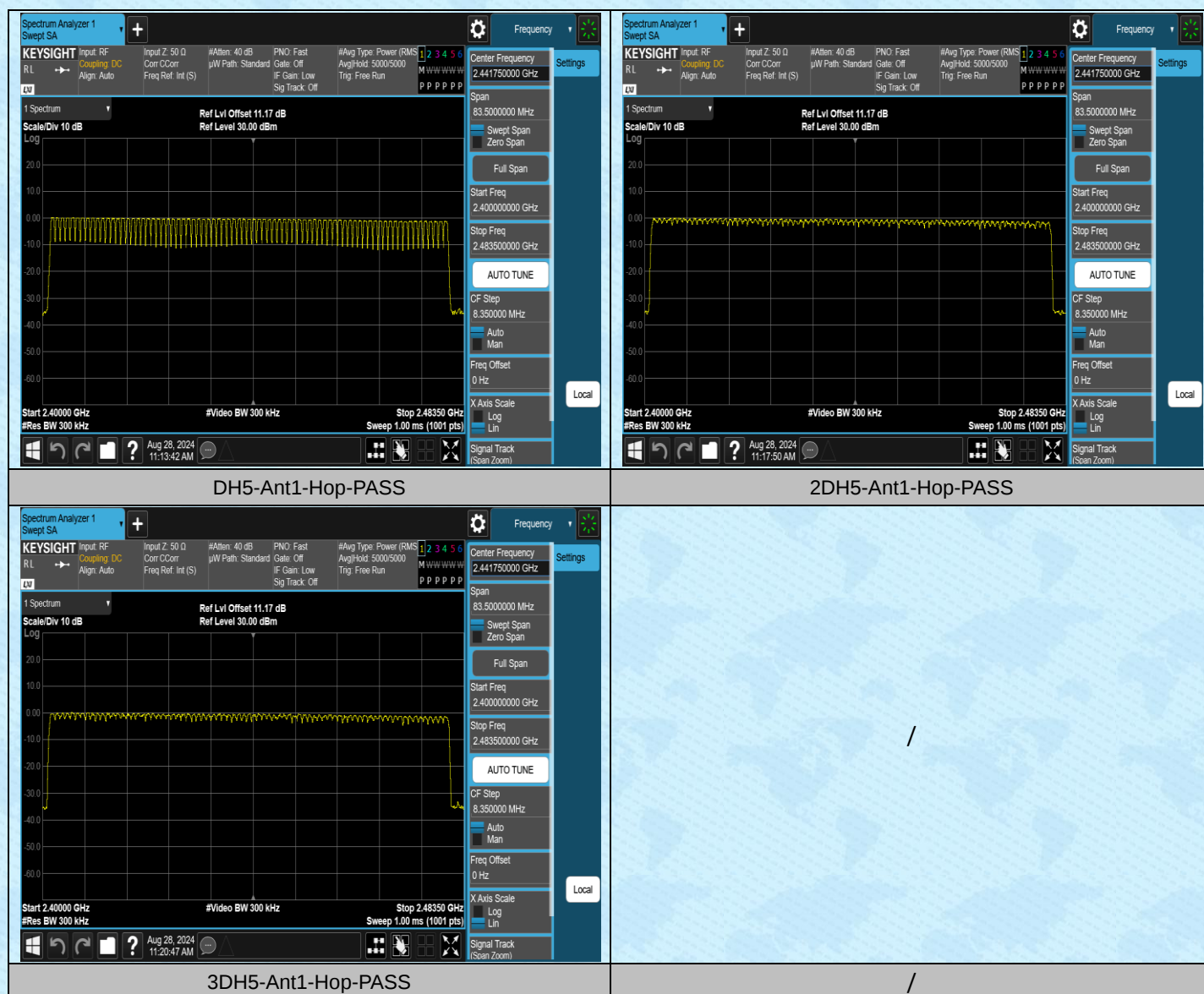
/

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

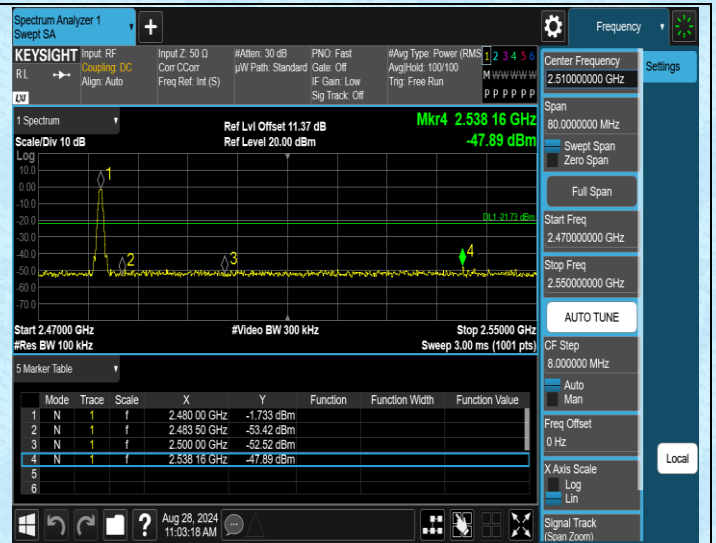
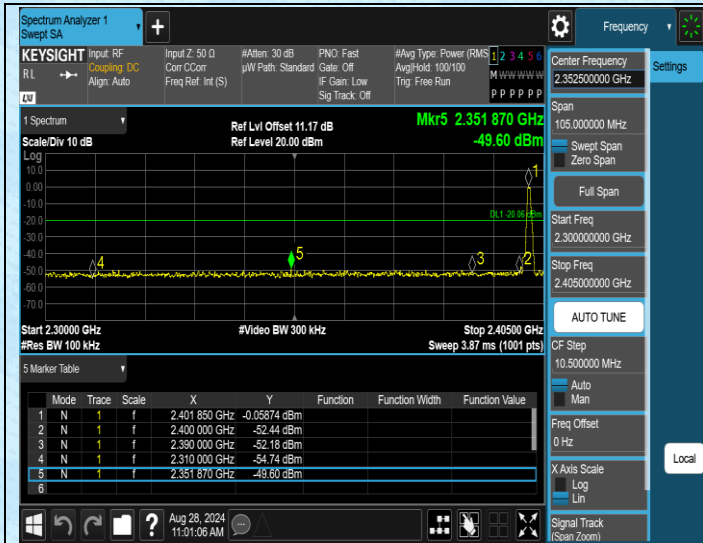


AppendixG:Band edge measurements

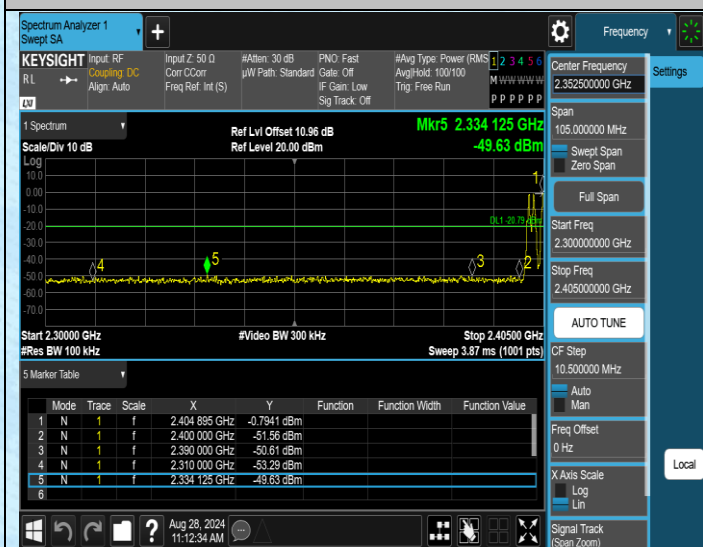
Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.06	-49.6	≤ -20.06	PASS
DH5	Ant1	High	2480	-1.73	-47.9	≤ -21.73	PASS
DH5	Ant1	Low	Hop_2402	-0.79	-49.63	≤ -20.79	PASS
DH5	Ant1	High	Hop_2480	-2.35	-48.56	≤ -22.35	PASS
2DH5	Ant1	Low	2402	-1.52	-48.67	≤ -21.52	PASS
2DH5	Ant1	High	2480	-1.41	-48.87	≤ -21.41	PASS
2DH5	Ant1	Low	Hop_2402	-3.86	-49.05	≤ -23.86	PASS
2DH5	Ant1	High	Hop_2480	-3.94	-49.02	≤ -23.94	PASS
3DH5	Ant1	Low	2402	-1.01	-49.06	≤ -21.01	PASS
3DH5	Ant1	High	2480	-2.50	-49.01	≤ -22.5	PASS
3DH5	Ant1	Low	Hop_2402	-4.93	-49.71	≤ -24.93	PASS
3DH5	Ant1	High	Hop_2480	-3.57	-49.61	≤ -23.57	PASS

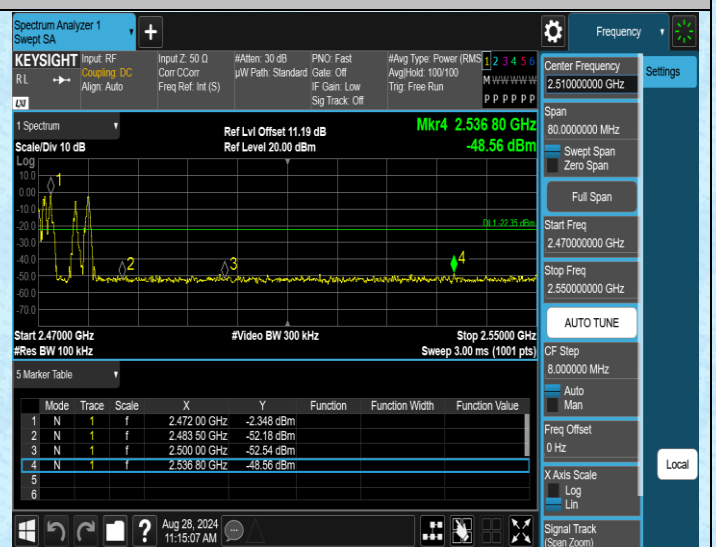
Test Graphs



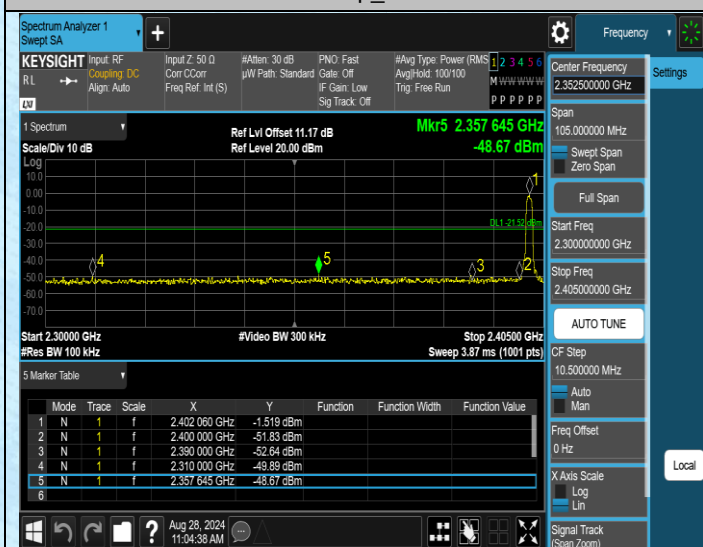
DH5-Ant1-2402-PASS



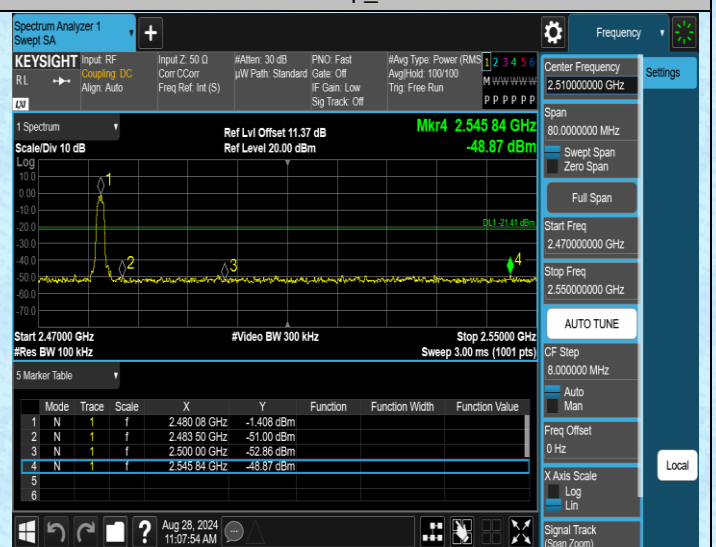
DH5-Ant1-2480-PASS



DH5-Ant1-Hop_2402-PASS



DH5-Ant1-Hop_2480-PASS

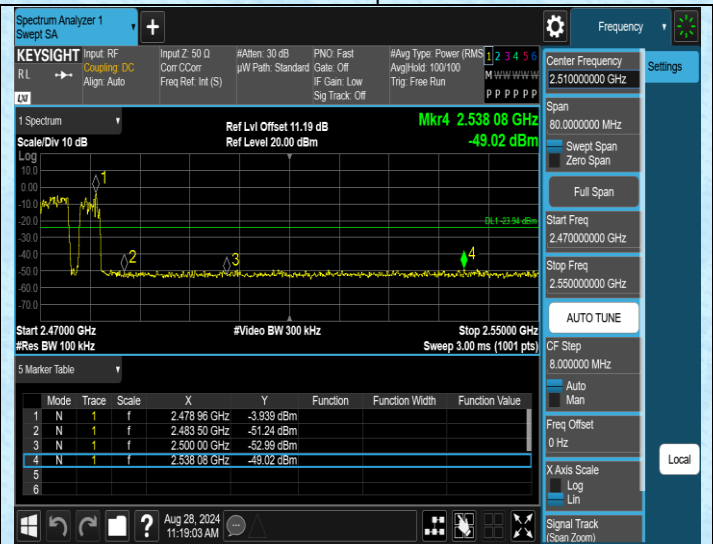


2DH5-Ant1-2402-PASS

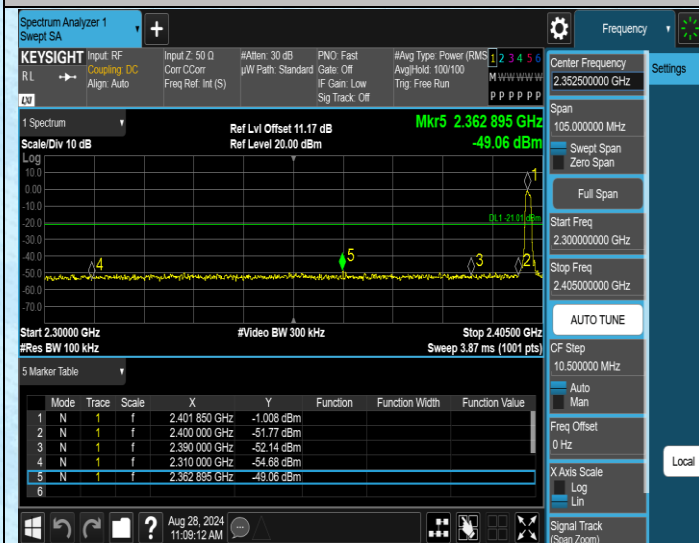
2DH5-Ant1-2480-PASS



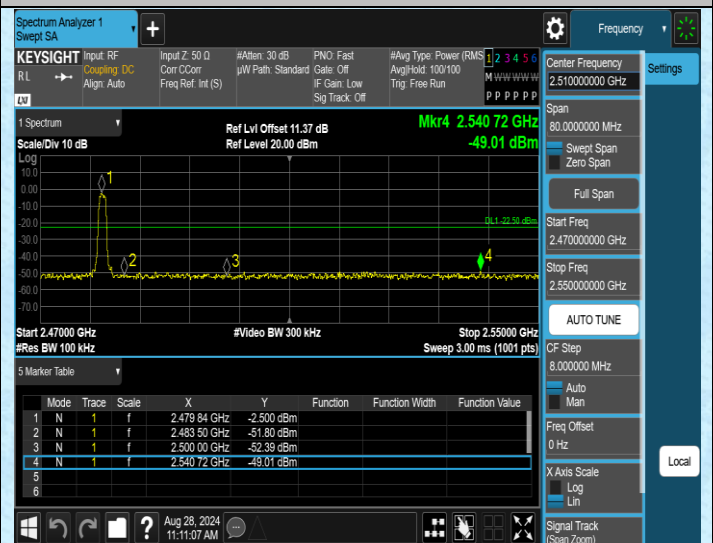
2DH5-Ant1-Hop_2402-PASS



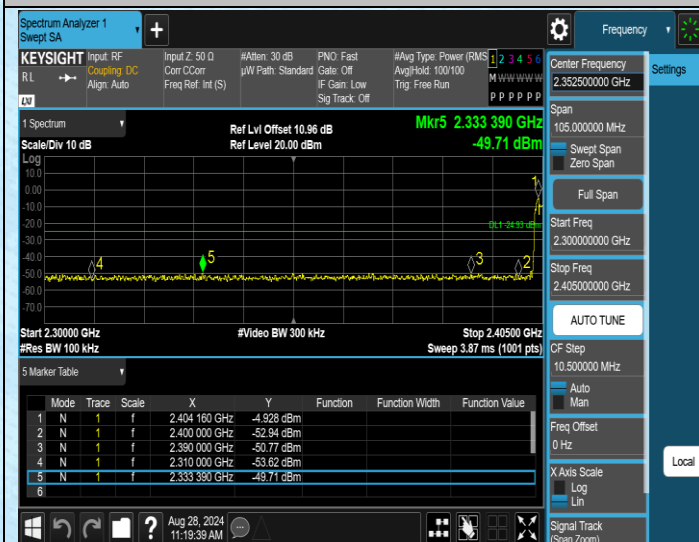
2DH5-Ant1-Hop_2480-PASS



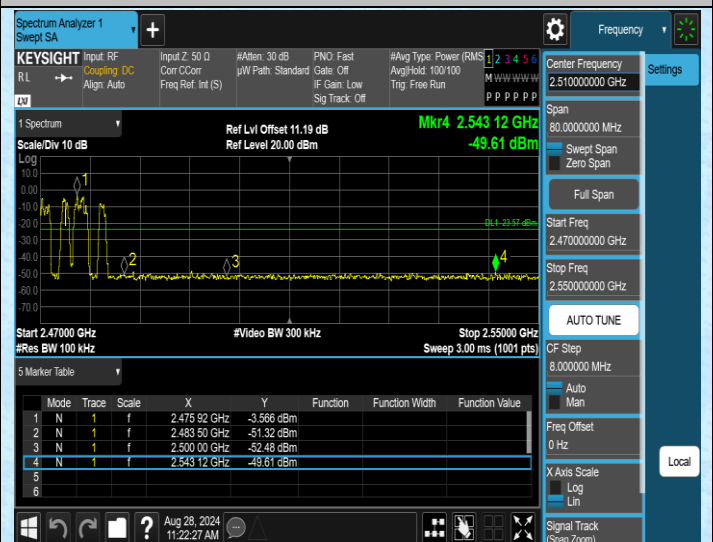
3DH5-Ant1-2402-PASS



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	0.03	0.03	---	PASS
DH5	Ant1	2402	30~1000	0.03	-58.21	≤-19.97	PASS
DH5	Ant1	2402	1000~26500	0.03	-42.6	≤-19.97	PASS
DH5	Ant1	2441	0~Reference	-0.42	-0.42	---	PASS
DH5	Ant1	2441	30~1000	-0.42	-57.24	≤-20.42	PASS
DH5	Ant1	2441	1000~26500	-0.42	-46.25	≤-20.42	PASS
DH5	Ant1	2480	0~Reference	-1.21	-1.21	---	PASS
DH5	Ant1	2480	30~1000	-1.21	-57.66	≤-21.21	PASS
DH5	Ant1	2480	1000~26500	-1.21	-47.66	≤-21.21	PASS
2DH5	Ant1	2402	0~Reference	-0.15	-0.15	---	PASS
2DH5	Ant1	2402	30~1000	-0.15	-57.8	≤-20.15	PASS
2DH5	Ant1	2402	1000~26500	-0.15	-45.84	≤-20.15	PASS
2DH5	Ant1	2441	0~Reference	-0.74	-0.74	---	PASS
2DH5	Ant1	2441	30~1000	-0.74	-55.26	≤-20.74	PASS
2DH5	Ant1	2441	1000~26500	-0.74	-45.52	≤-20.74	PASS
2DH5	Ant1	2480	0~Reference	-1.36	-1.36	---	PASS
2DH5	Ant1	2480	30~1000	-1.36	-57.53	≤-21.36	PASS
2DH5	Ant1	2480	1000~26500	-1.36	-49.24	≤-21.36	PASS
3DH5	Ant1	2402	0~Reference	-0.11	-0.11	---	PASS
3DH5	Ant1	2402	30~1000	-0.11	-57.45	≤-20.11	PASS
3DH5	Ant1	2402	1000~26500	-0.11	-46.84	≤-20.11	PASS
3DH5	Ant1	2441	0~Reference	-0.46	-0.46	---	PASS
3DH5	Ant1	2441	30~1000	-0.46	-53.96	≤-20.46	PASS
3DH5	Ant1	2441	1000~26500	-0.46	-46.87	≤-20.46	PASS
3DH5	Ant1	2480	0~Reference	-1.34	-1.34	---	PASS
3DH5	Ant1	2480	30~1000	-1.34	-57.72	≤-21.34	PASS
3DH5	Ant1	2480	1000~26500	-1.34	-47.15	≤-21.34	PASS