

AppendixA: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.008	2401.484	2402.492	---	---
DH5	Ant1	2441	0.981	2440.511	2441.492	---	---
DH5	Ant1	2480	0.963	2479.517	2480.480	---	---
2DH5	Ant1	2402	1.341	2401.328	2402.669	---	---
2DH5	Ant1	2441	1.335	2440.325	2441.660	---	---
2DH5	Ant1	2480	1.311	2479.337	2480.648	---	---
3DH5	Ant1	2402	1.311	2401.349	2402.660	---	---
3DH5	Ant1	2441	1.323	2440.331	2441.654	---	---
3DH5	Ant1	2480	1.329	2479.337	2480.666	---	---

Test Graphs





2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480



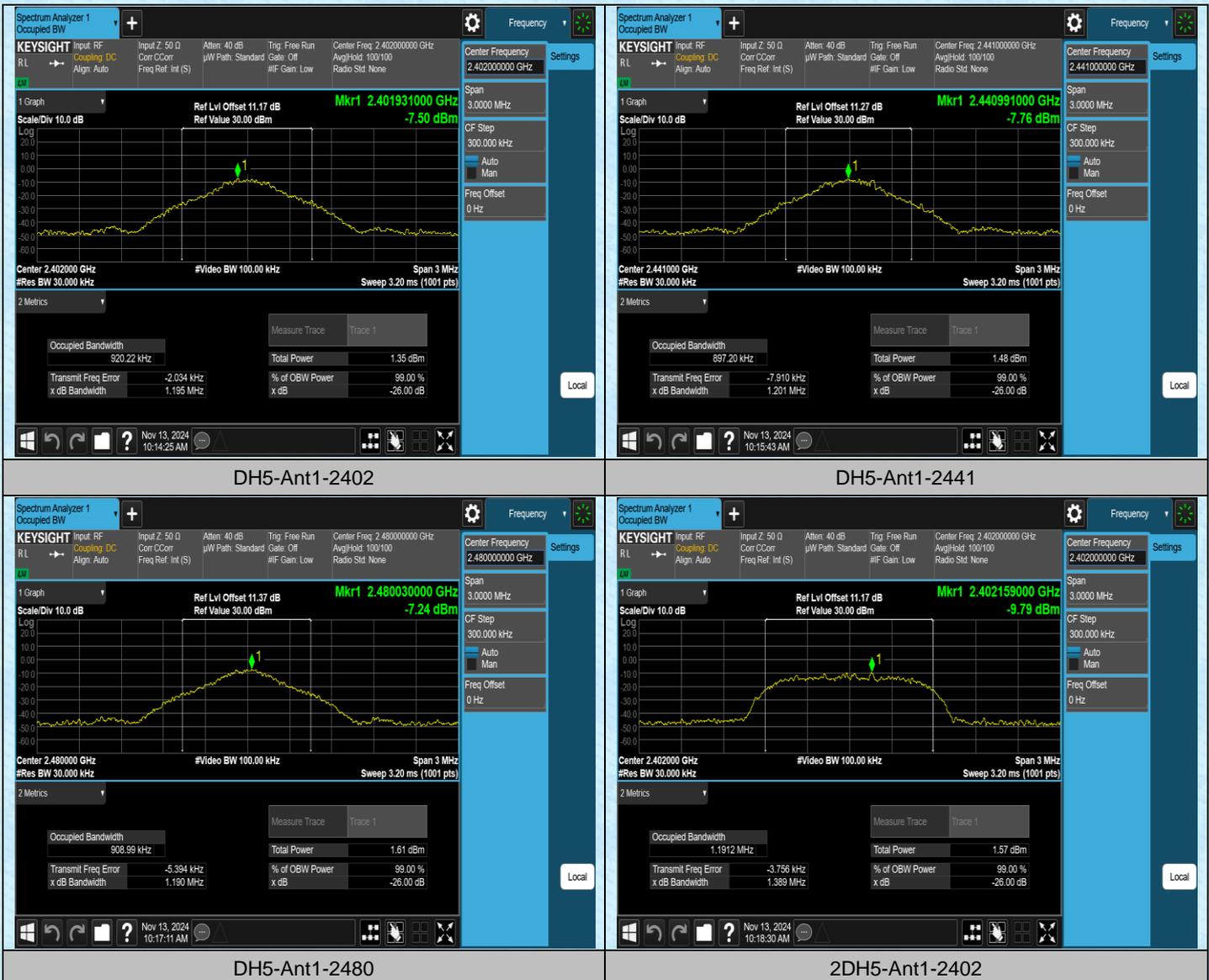
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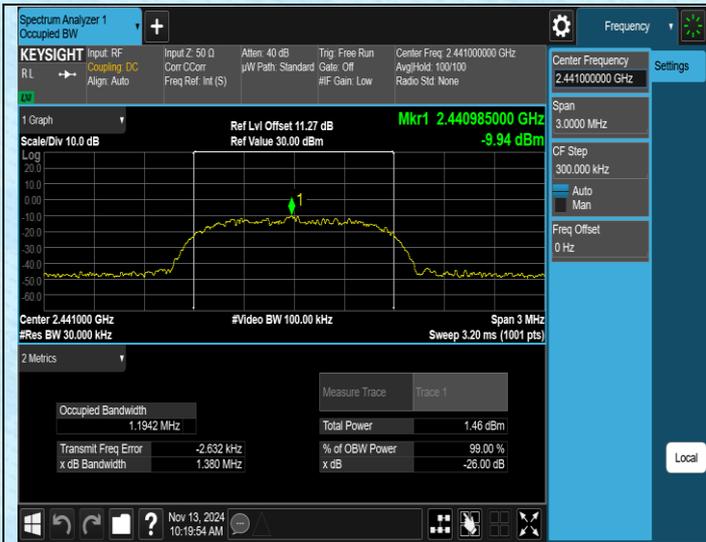
AppendixB: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.92022	2401.5379	2402.4581	---	---
DH5	Ant1	2441	0.89720	2440.5435	2441.4407	---	---
DH5	Ant1	2480	0.90899	2479.5401	2480.4491	---	---
2DH5	Ant1	2402	1.1912	2401.4006	2402.5918	---	---
2DH5	Ant1	2441	1.1942	2440.4003	2441.5945	---	---
2DH5	Ant1	2480	1.1807	2479.4086	2480.5893	---	---
3DH5	Ant1	2402	1.1839	2401.4108	2402.5947	---	---
3DH5	Ant1	2441	1.1943	2440.4051	2441.5994	---	---
3DH5	Ant1	2480	1.1839	2479.4016	2480.5855	---	---

Test Graphs





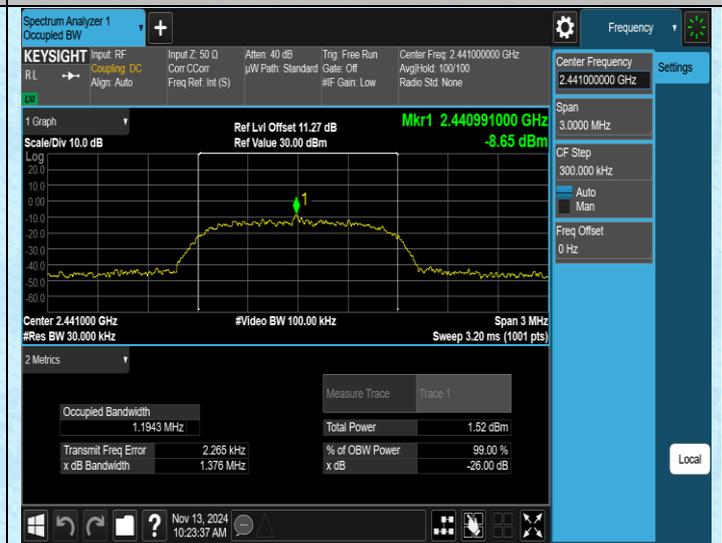
2DH5-Ant1-2441



2DH5-Ant1-2480



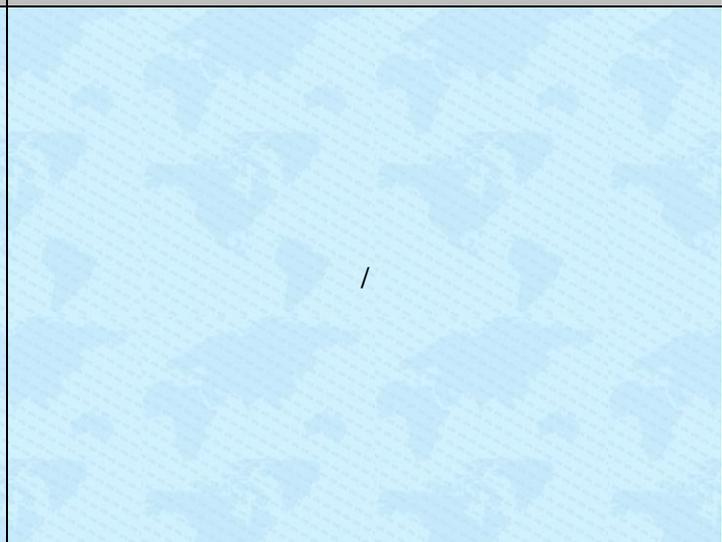
3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

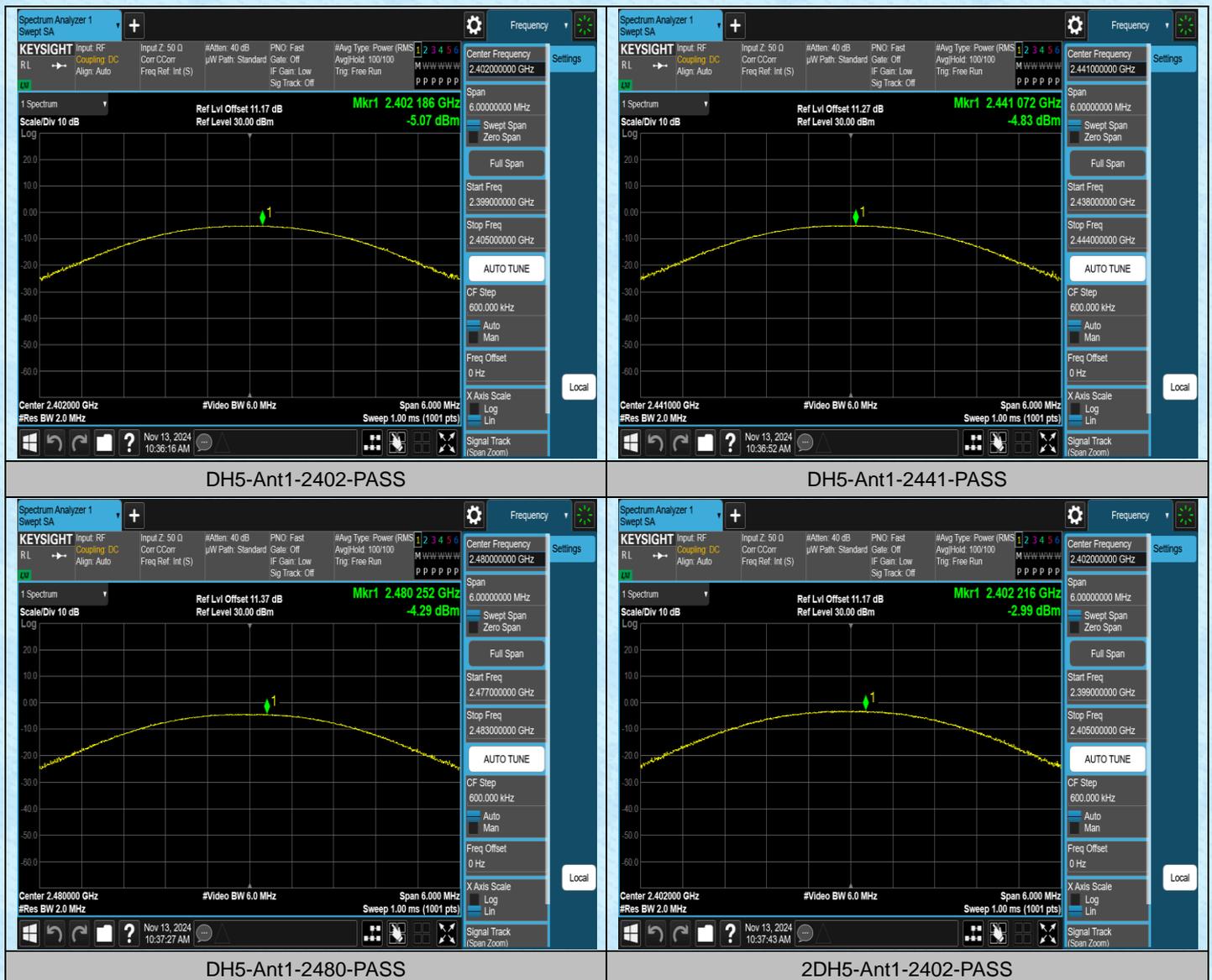


AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-5.07	≤20.97	PASS
DH5	Ant1	2441	-4.83	≤20.97	PASS
DH5	Ant1	2480	-4.29	≤20.97	PASS
2DH5	Ant1	2402	-2.99	≤20.97	PASS
2DH5	Ant1	2441	-2.96	≤20.97	PASS
2DH5	Ant1	2480	-2.46	≤20.97	PASS
3DH5	Ant1	2402	-2.71	≤20.97	PASS
3DH5	Ant1	2441	-2.64	≤20.97	PASS
3DH5	Ant1	2480	-2.17	≤20.97	PASS

Test Graphs



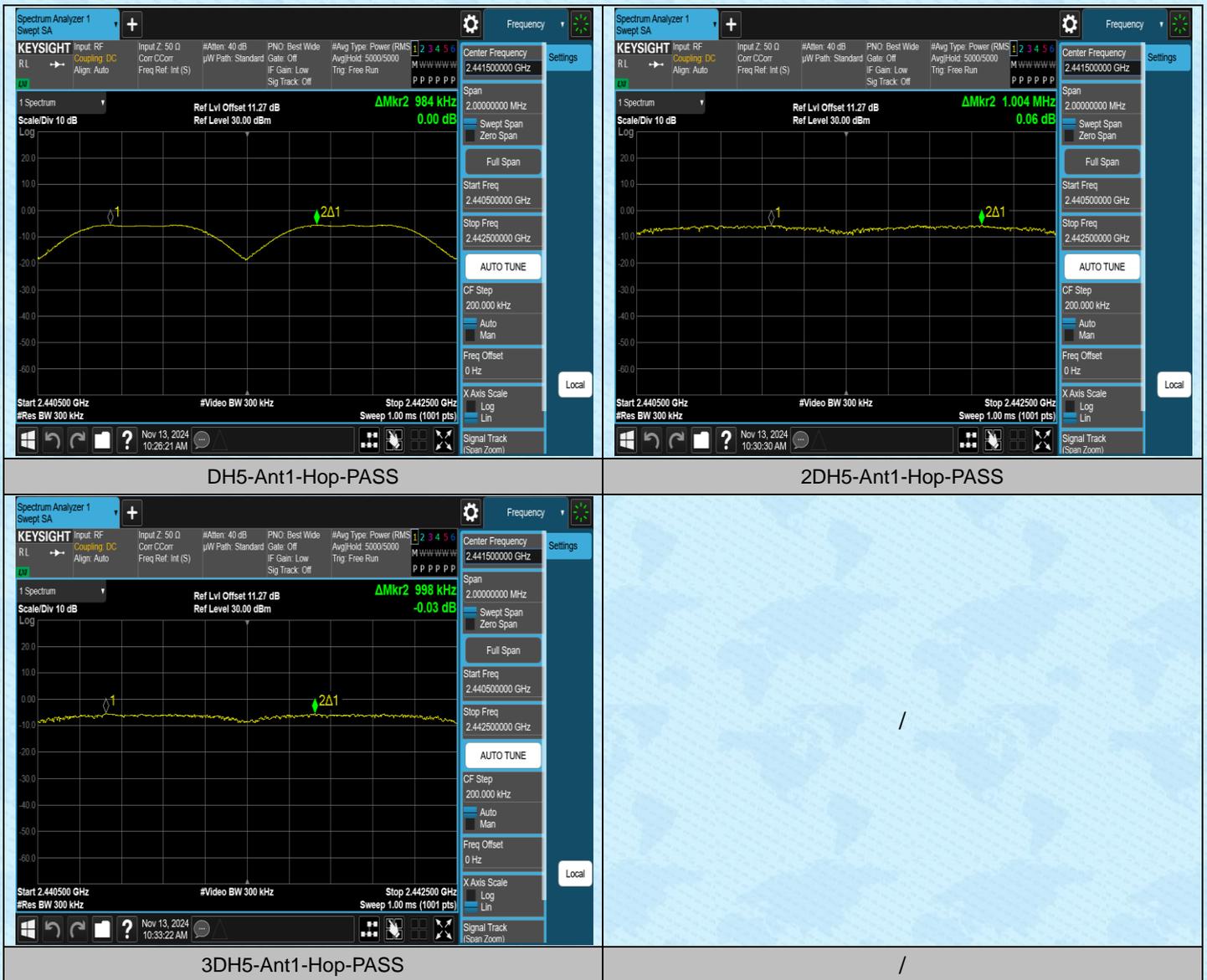


AppendixD: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.984	≥0.672	PASS
2DH5	Ant1	Hop	1.004	≥0.894	PASS
3DH5	Ant1	Hop	0.998	≥0.886	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	0.383	320	0.123	≤0.4	PASS
DH3	Ant1	Hop	1.639	160	0.262	≤0.4	PASS
DH5	Ant1	Hop	2.887	106.67	0.308	≤0.4	PASS
2DH1	Ant1	Hop	0.385	320	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.637	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.884	106.67	0.308	≤0.4	PASS
3DH1	Ant1	Hop	0.385	320	0.123	≤0.4	PASS
3DH3	Ant1	Hop	1.635	160	0.262	≤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



DH1-Ant1-Hop-PASS

DH3-Ant1-Hop-PASS



DH5-Ant1-Hop-PASS

2DH1-Ant1-Hop-PASS



2DH3-Ant1-Hop-PASS

2DH5-Ant1-Hop-PASS

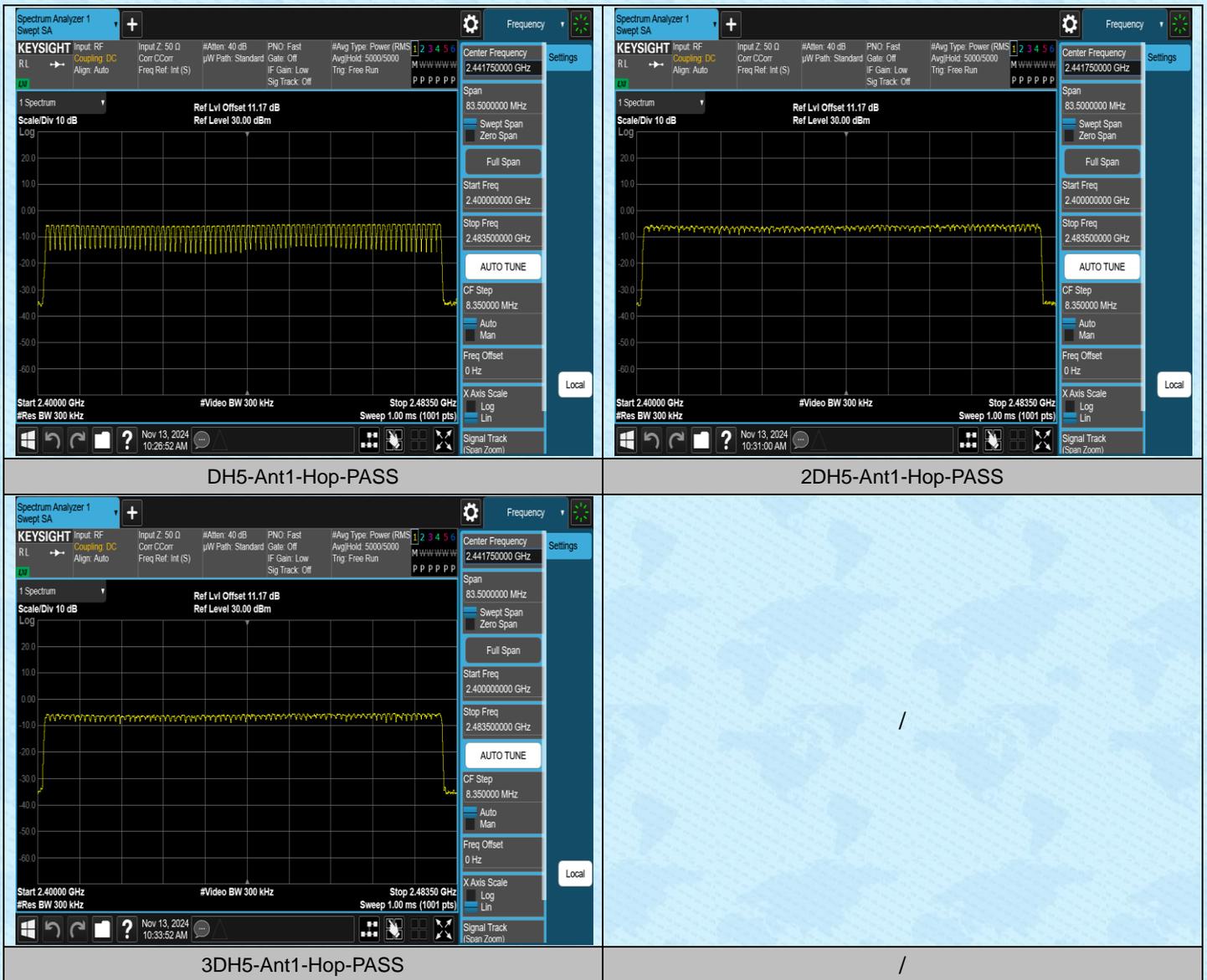


AppendixF: Number of hopping channels

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	-6.12	-49.4	≤-26.12	PASS
DH5	Ant1	High	2480	-5.04	-48.39	≤-25.04	PASS
DH5	Ant1	Low	Hop_2402	-6.79	-49.78	≤-26.79	PASS
DH5	Ant1	High	Hop_2480	-6.16	-48.89	≤-26.16	PASS
2DH5	Ant1	Low	2402	-5.77	-49.04	≤-25.77	PASS
2DH5	Ant1	High	2480	-6.33	-48.61	≤-26.33	PASS
2DH5	Ant1	Low	Hop_2402	-9.67	-49.54	≤-29.67	PASS
2DH5	Ant1	High	Hop_2480	-7.91	-48.66	≤-27.91	PASS
3DH5	Ant1	Low	2402	-6.24	-48.33	≤-26.24	PASS
3DH5	Ant1	High	2480	-5.37	-47.66	≤-25.37	PASS
3DH5	Ant1	Low	Hop_2402	-9.97	-49.77	≤-29.97	PASS
3DH5	Ant1	High	Hop_2480	-8.77	-48.36	≤-28.77	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	-5.74	-5.74	---	PASS
DH5	Ant1	2402	30~1000	-5.74	-61	≤-25.74	PASS
DH5	Ant1	2402	1000~26500	-5.74	-49.23	≤-25.74	PASS
DH5	Ant1	2441	0~Reference	-5.54	-5.54	---	PASS
DH5	Ant1	2441	30~1000	-5.54	-61.27	≤-25.54	PASS
DH5	Ant1	2441	1000~26500	-5.54	-49.57	≤-25.54	PASS
DH5	Ant1	2480	0~Reference	-5.22	-5.22	---	PASS
DH5	Ant1	2480	30~1000	-5.22	-61.65	≤-25.22	PASS
DH5	Ant1	2480	1000~26500	-5.22	-49.77	≤-25.22	PASS
2DH5	Ant1	2402	0~Reference	-5.90	-5.90	---	PASS
2DH5	Ant1	2402	30~1000	-5.90	-60.69	≤-25.9	PASS
2DH5	Ant1	2402	1000~26500	-5.90	-50.07	≤-25.9	PASS
2DH5	Ant1	2441	0~Reference	-5.90	-5.90	---	PASS
2DH5	Ant1	2441	30~1000	-5.90	-61.03	≤-25.9	PASS
2DH5	Ant1	2441	1000~26500	-5.90	-49.76	≤-25.9	PASS
2DH5	Ant1	2480	0~Reference	-5.41	-5.41	---	PASS
2DH5	Ant1	2480	30~1000	-5.41	-60.65	≤-25.41	PASS
2DH5	Ant1	2480	1000~26500	-5.41	-49.65	≤-25.41	PASS
3DH5	Ant1	2402	0~Reference	-6.01	-6.01	---	PASS
3DH5	Ant1	2402	30~1000	-6.01	-61.55	≤-26.01	PASS
3DH5	Ant1	2402	1000~26500	-6.01	-49.71	≤-26.01	PASS
3DH5	Ant1	2441	0~Reference	-5.89	-5.89	---	PASS
3DH5	Ant1	2441	30~1000	-5.89	-61.13	≤-25.89	PASS
3DH5	Ant1	2441	1000~26500	-5.89	-48.34	≤-25.89	PASS
3DH5	Ant1	2480	0~Reference	-5.22	-5.22	---	PASS
3DH5	Ant1	2480	30~1000	-5.22	-61.09	≤-25.22	PASS
3DH5	Ant1	2480	1000~26500	-5.22	-48.81	≤-25.22	PASS