

Appendix: Bluetooth Classic

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Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95	2401.48	2402.43	---	---
DH5	Ant1	2441	0.95	2440.47	2441.43	---	---
DH5	Ant1	2480	0.95	2479.47	2480.42	---	---
2DH5	Ant1	2402	1.33	2401.28	2402.60	---	---
2DH5	Ant1	2441	1.33	2440.28	2441.61	---	---
2DH5	Ant1	2480	1.33	2479.28	2480.61	---	---
3DH5	Ant1	2402	1.31	2401.29	2402.60	---	---
3DH5	Ant1	2441	1.31	2440.29	2441.60	---	---
3DH5	Ant1	2480	1.31	2479.29	2480.60	---	---

Test Graphs





Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85905	2401.51 11	2402.37 01	---	---
DH5	Ant1	2441	0.86768	2440.50 60	2441.37 37	---	---
DH5	Ant1	2480	0.86631	2479.50 55	2480.37 18	---	---
2DH5	Ant1	2402	1.1884	2401.34 65	2402.53 49	---	---
2DH5	Ant1	2441	1.1931	2440.34 66	2441.53 96	---	---
2DH5	Ant1	2480	1.2003	2479.34 37	2480.54 40	---	---
3DH5	Ant1	2402	1.1895	2401.34 81	2402.53 76	---	---
3DH5	Ant1	2441	1.1936	2440.34 84	2441.54 20	---	---
3DH5	Ant1	2480	1.1967	2479.34 70	2480.54 37	---	---

Test Graphs



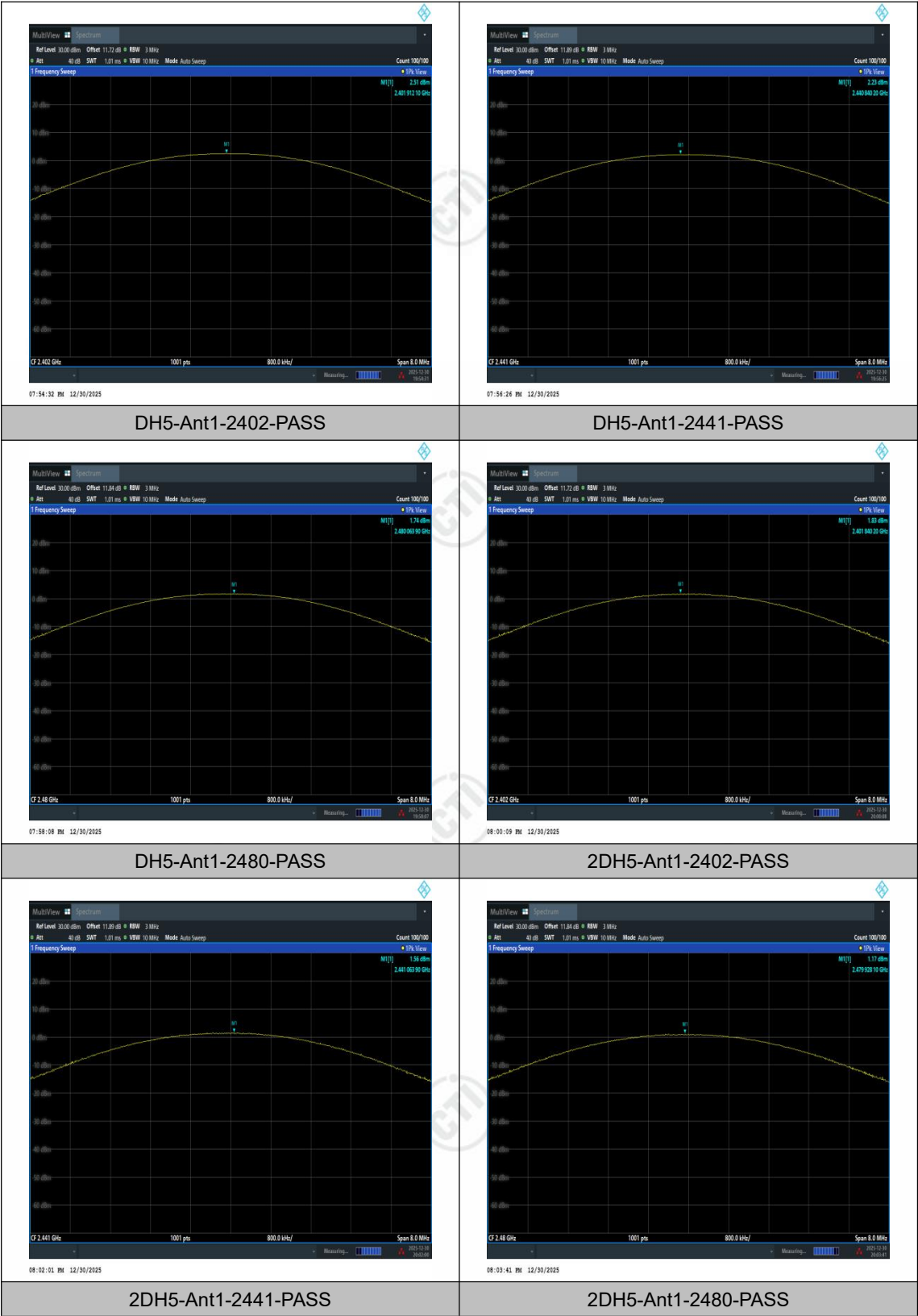


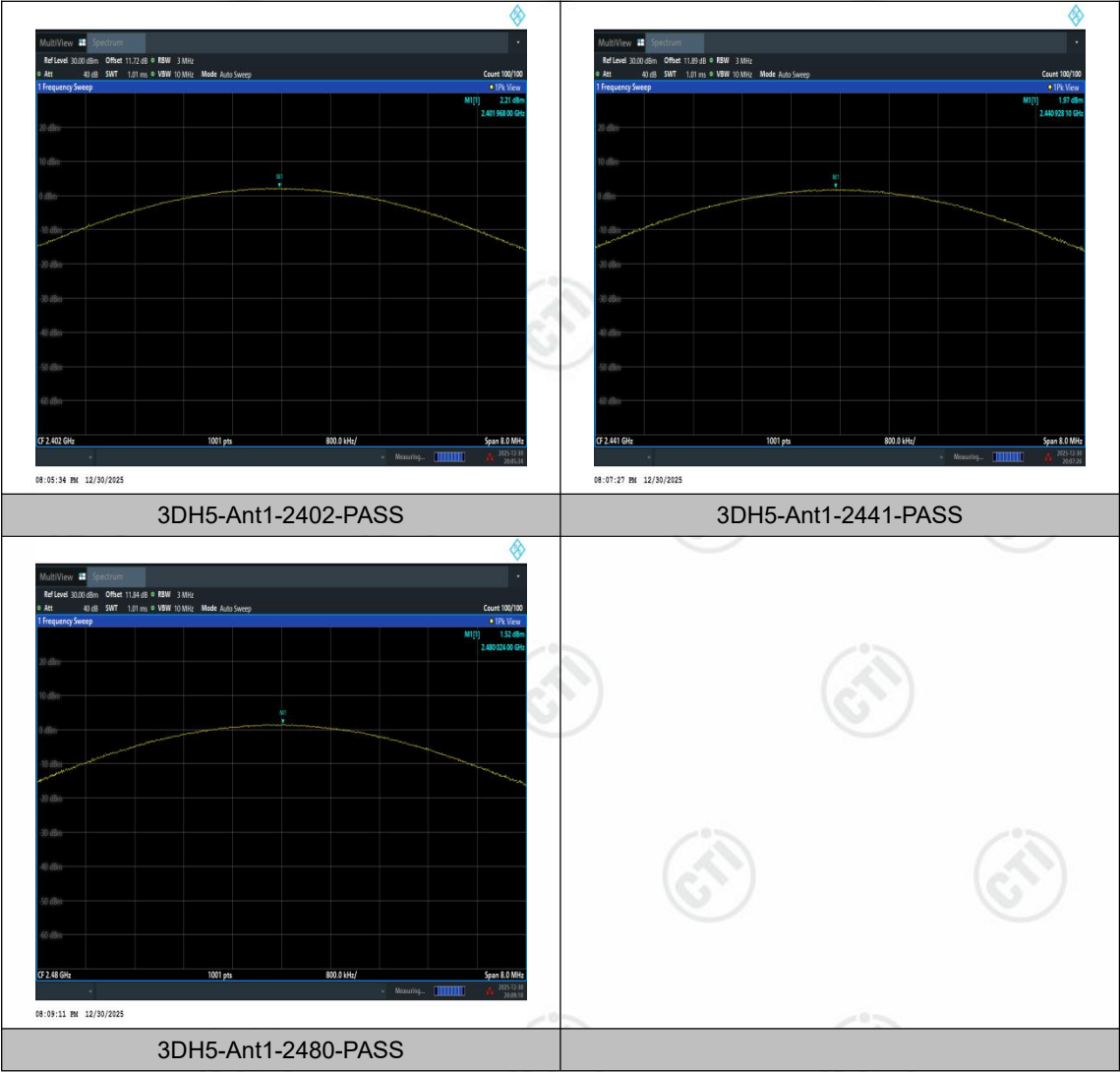
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	Verdict
DH5	Ant1	2402	2.51	≤30	4.44	PASS
DH5	Ant1	2441	2.23	≤20.97	4.16	PASS
DH5	Ant1	2480	1.74	≤20.97	3.67	PASS
2DH5	Ant1	2402	1.83	≤30	3.76	PASS
2DH5	Ant1	2441	1.56	≤20.97	3.49	PASS
2DH5	Ant1	2480	1.17	≤20.97	3.10	PASS
3DH5	Ant1	2402	2.21	≤30	4.14	PASS
3DH5	Ant1	2441	1.97	≤20.97	3.90	PASS
3DH5	Ant1	2480	1.52	≤20.97	3.45	PASS

Test Graphs



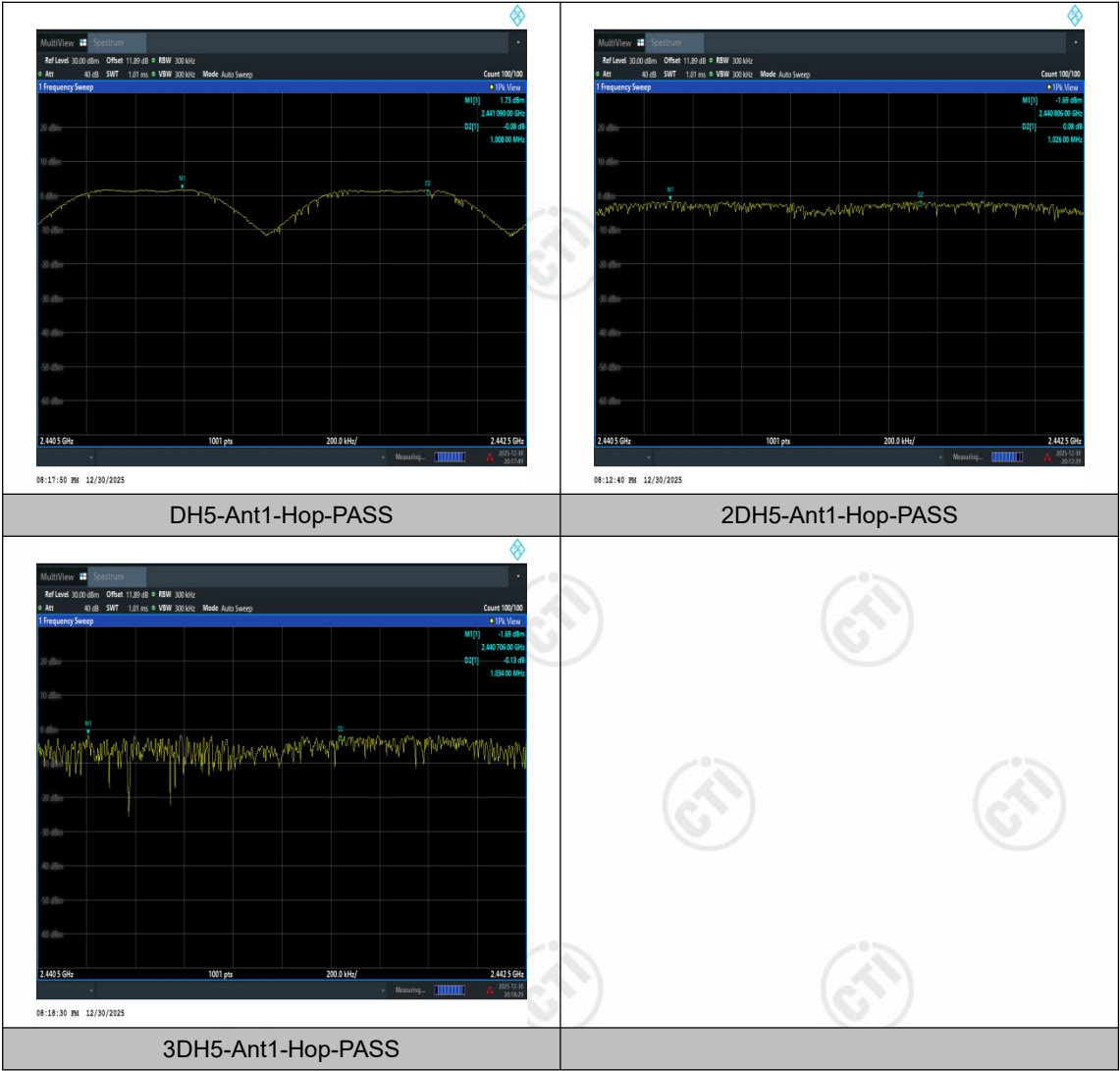


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.008	≥0.950	PASS
2DH5	Ant1	Hop	1.026	≥0.887	PASS
3DH5	Ant1	Hop	1.034	≥0.873	PASS

Test Graphs

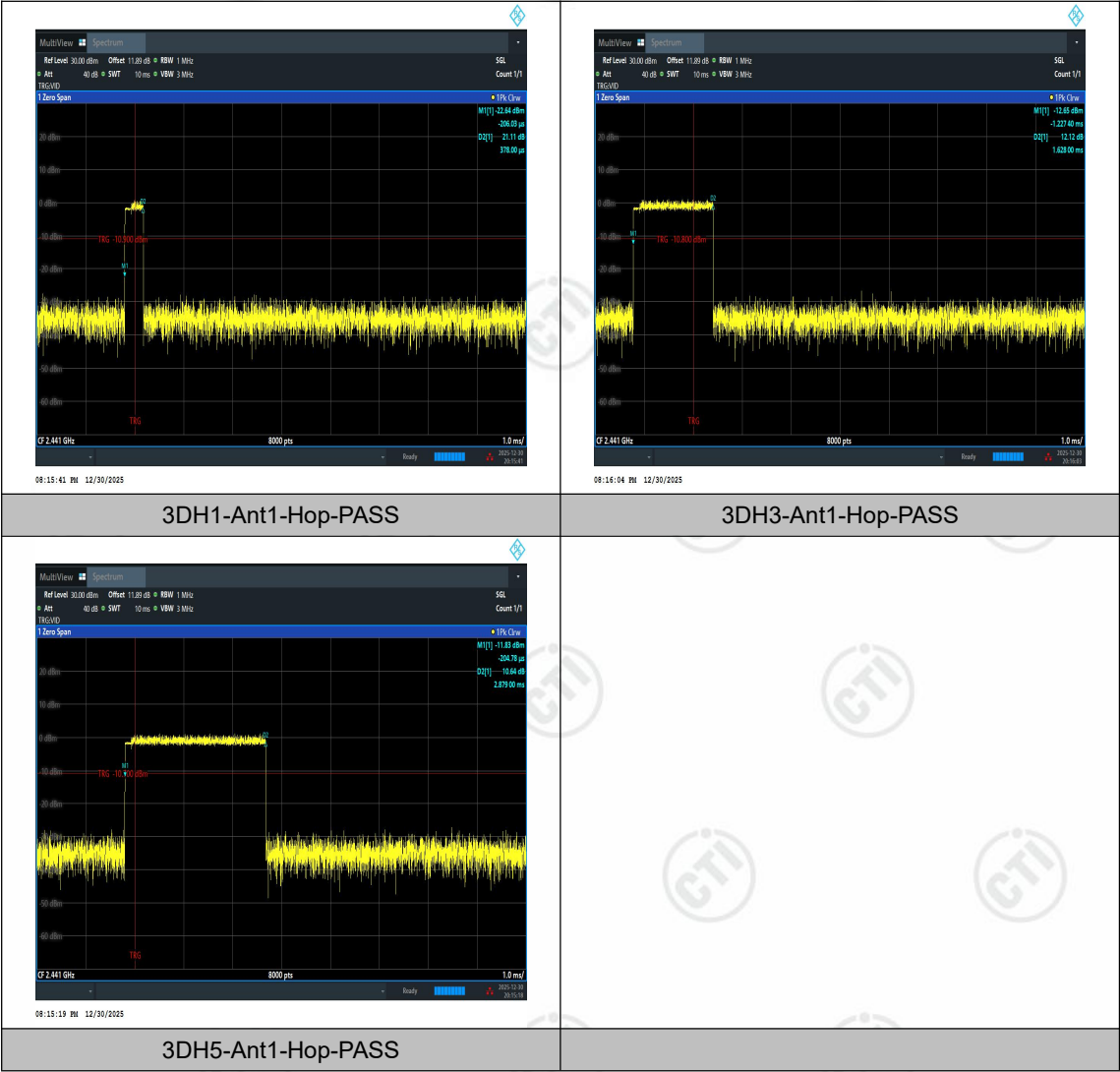


Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.366	320	0.117	≤0.4	PASS
DH3	Ant1	Hop	1.623	160	0.26	≤0.4	PASS
DH5	Ant1	Hop	2.870	106.67	0.306	≤0.4	PASS
2DH1	Ant1	Hop	0.378	320	0.121	≤0.4	PASS
2DH3	Ant1	Hop	1.650	160	0.264	≤0.4	PASS
2DH5	Ant1	Hop	2.877	106.67	0.307	≤0.4	PASS
3DH1	Ant1	Hop	0.378	320	0.121	≤0.4	PASS
3DH3	Ant1	Hop	1.628	160	0.26	≤0.4	PASS
3DH5	Ant1	Hop	2.879	106.67	0.307	≤0.4	PASS

2DH5-Ant1-Hop-PASS

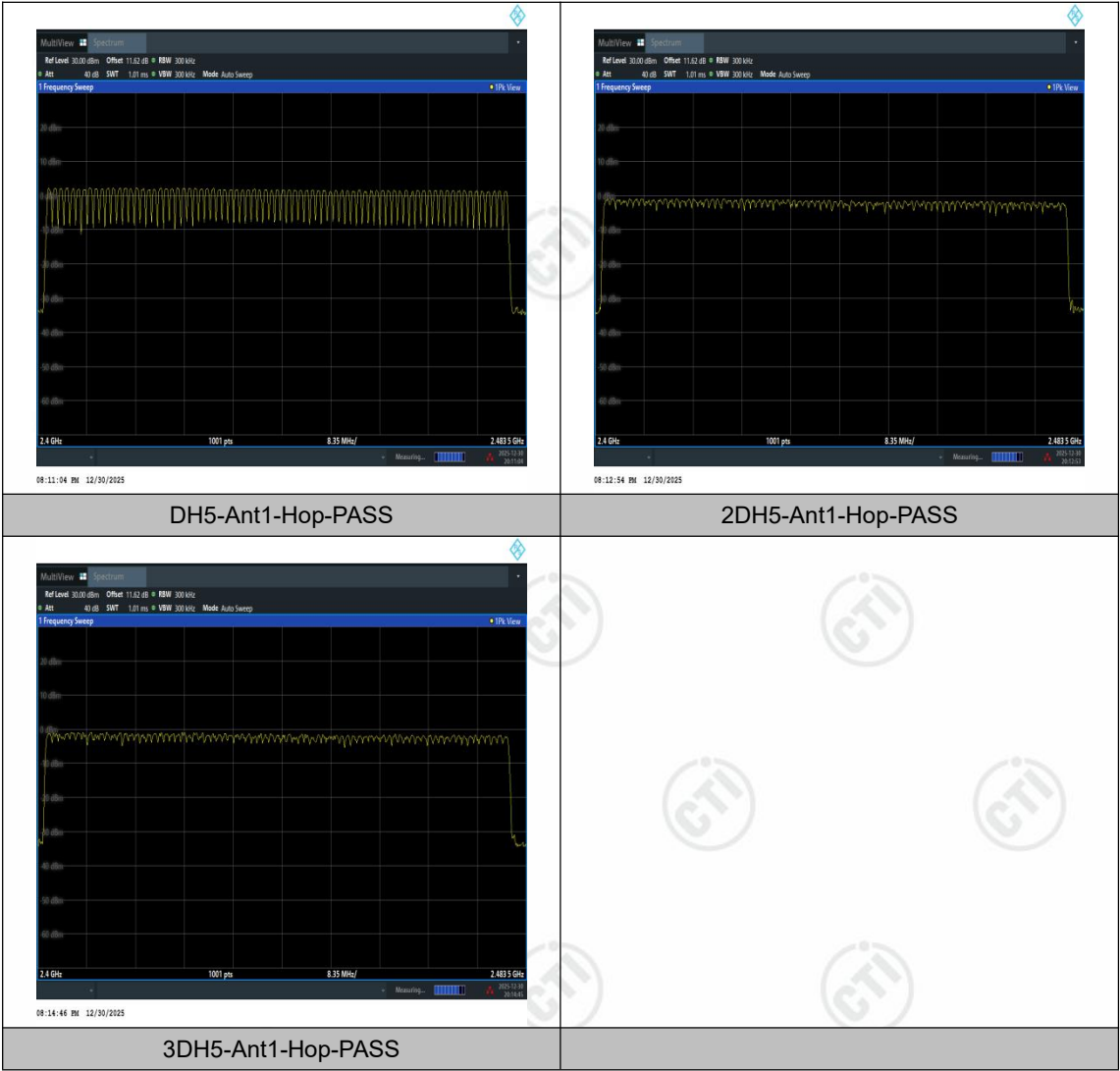


Appendix F: Number of hopping channels

Test Result

TestMode	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



Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.04	-45.3	≤-17.96	PASS
DH5	Ant1	High	2480	1.16	-45.41	≤-18.84	PASS
DH5	Ant1	Low	Hop_2402	1.03	-46.51	≤-18.97	PASS
DH5	Ant1	High	Hop_2480	0.52	-46.16	≤-19.48	PASS
2DH5	Ant1	Low	2402	-1.49	-46.46	≤-21.49	PASS
2DH5	Ant1	High	2480	-2.38	-45.29	≤-22.38	PASS
2DH5	Ant1	Low	Hop_2402	-1.98	-45.98	≤-21.98	PASS
2DH5	Ant1	High	Hop_2480	-3.35	-46.1	≤-23.35	PASS
3DH5	Ant1	Low	2402	-1.43	-46.34	≤-21.43	PASS
3DH5	Ant1	High	2480	-2.62	-46.2	≤-22.62	PASS
3DH5	Ant1	Low	Hop_2402	-2.48	-46.16	≤-22.48	PASS
3DH5	Ant1	High	Hop_2480	-3.63	-45.27	≤-23.63	PASS

Test Graphs

