

Appendix: Bluetooth Classic

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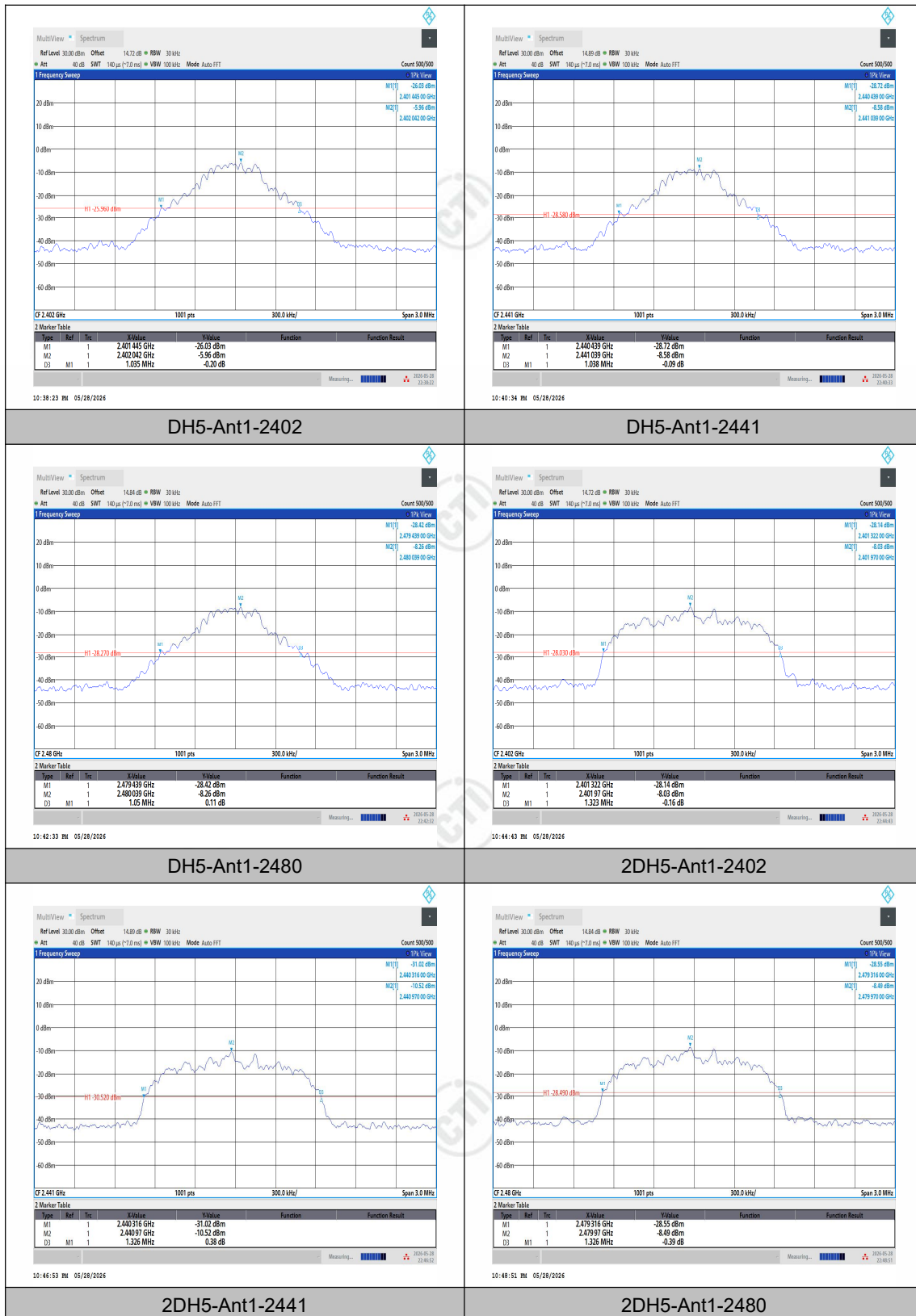
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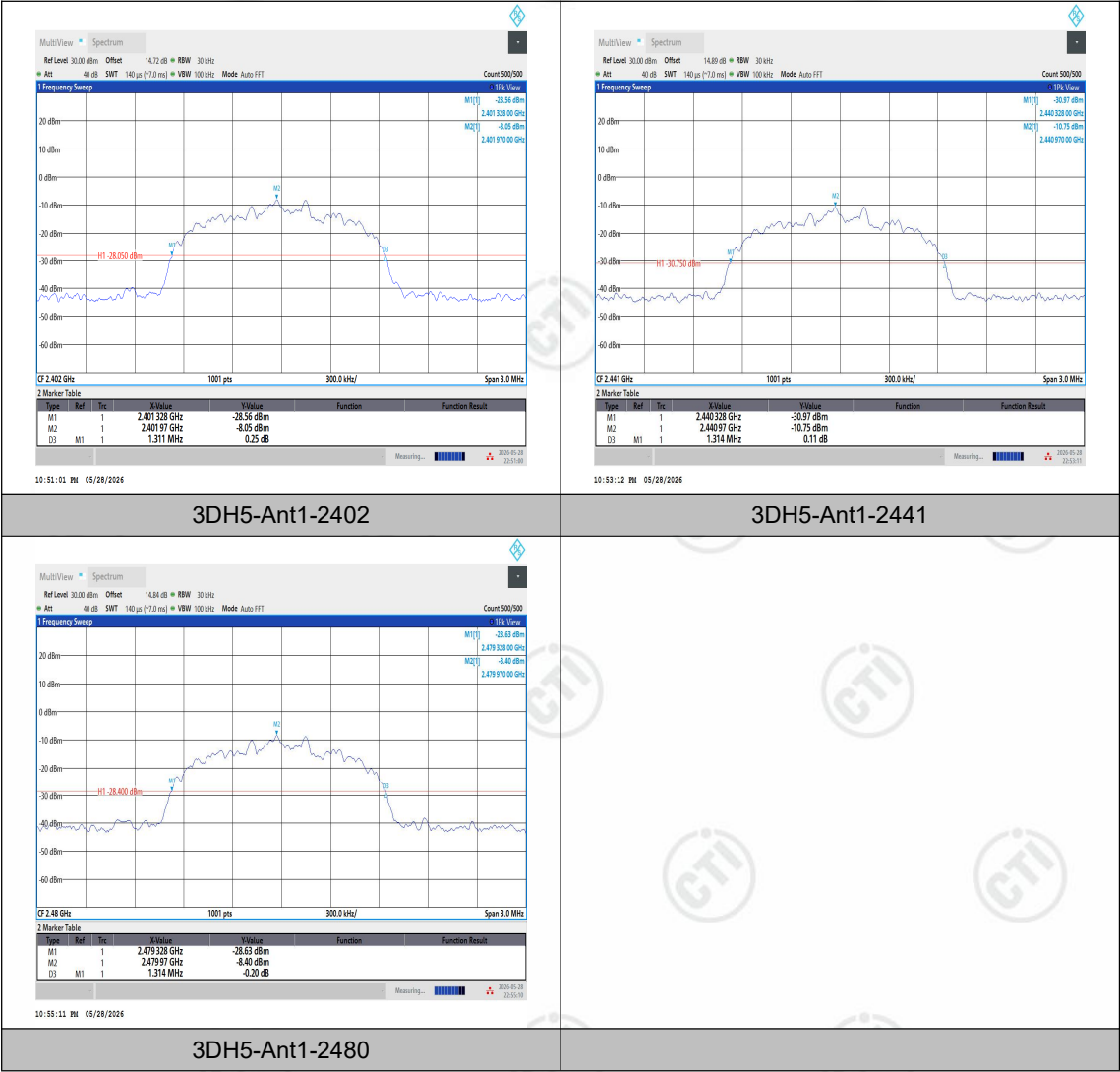
Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.03	2401.45	2402.48	---	---
DH5	Ant1	2441	1.04	2440.44	2441.48	---	---
DH5	Ant1	2480	1.05	2479.44	2480.49	---	---
2DH5	Ant1	2402	1.32	2401.32	2402.65	---	---
2DH5	Ant1	2441	1.33	2440.32	2441.64	---	---
2DH5	Ant1	2480	1.33	2479.32	2480.64	---	---
3DH5	Ant1	2402	1.31	2401.33	2402.64	---	---
3DH5	Ant1	2441	1.31	2440.33	2441.64	---	---
3DH5	Ant1	2480	1.31	2479.33	2480.64	---	---

Test Graphs



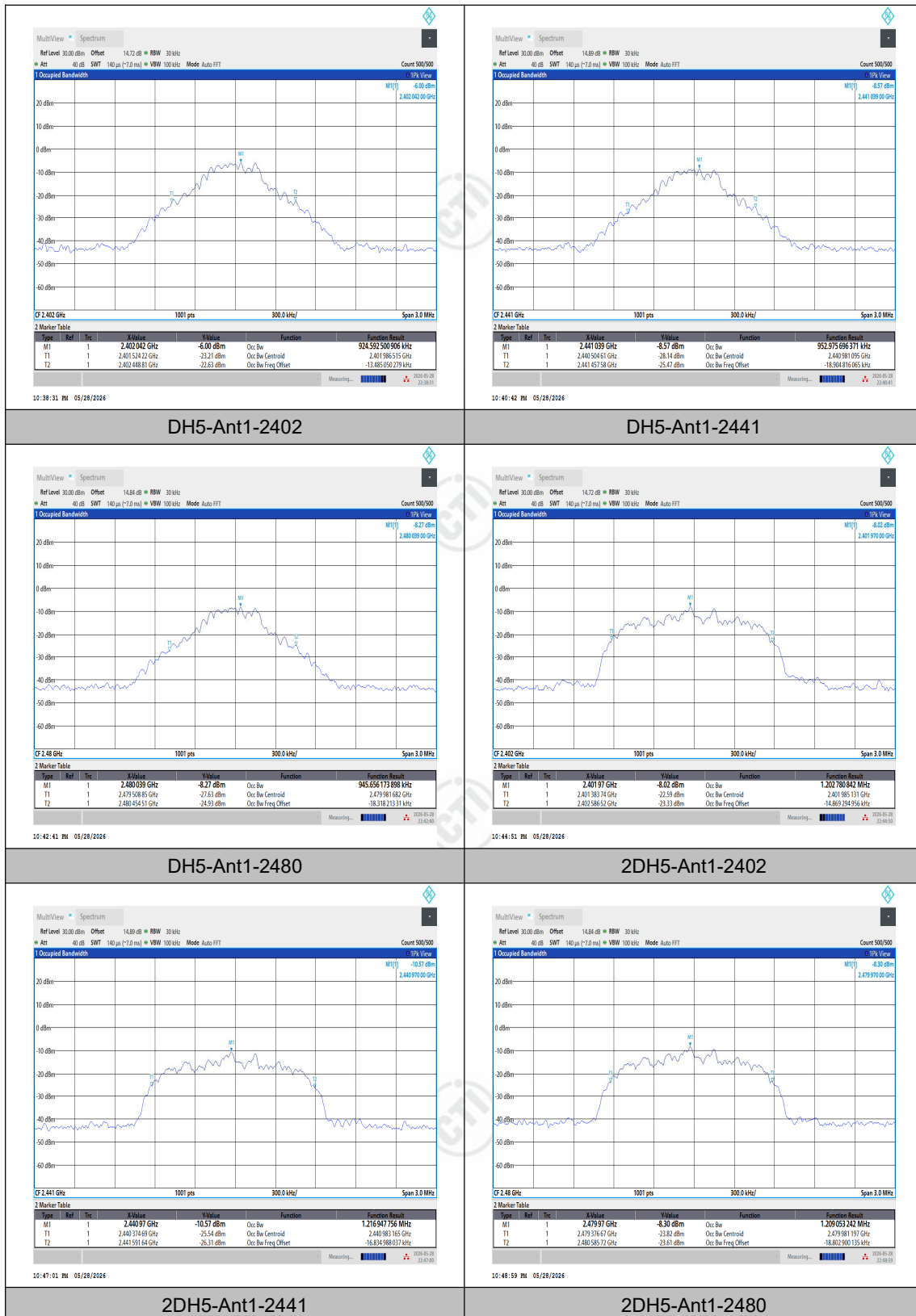


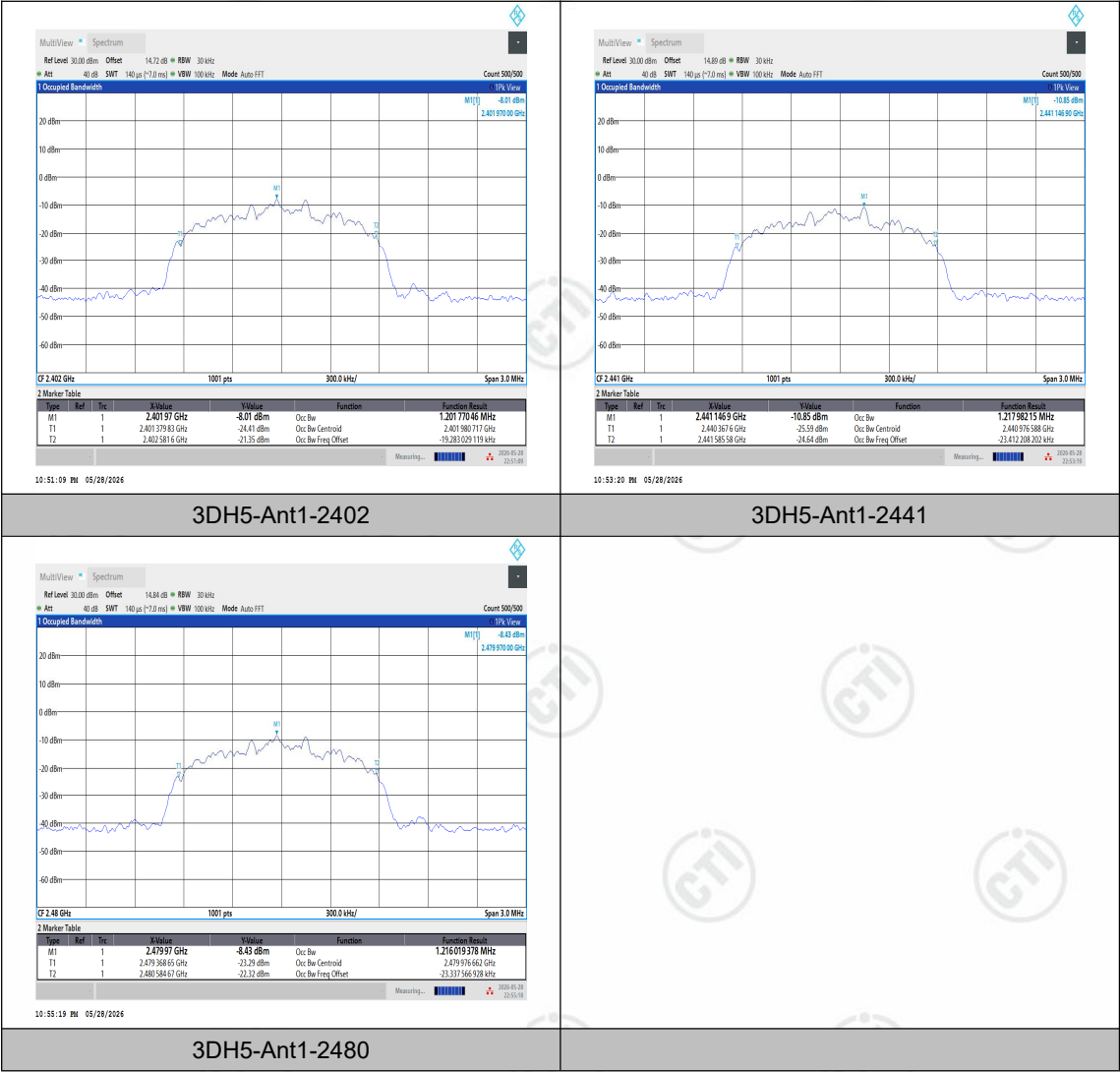
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.92459	2401.5242	2402.4488	---	---
DH5	Ant1	2441	0.95298	2440.5046	2441.4576	---	---
DH5	Ant1	2480	0.94566	2479.5089	2480.4545	---	---
2DH5	Ant1	2402	1.2028	2401.3837	2402.5865	---	---
2DH5	Ant1	2441	1.2169	2440.3747	2441.5916	---	---
2DH5	Ant1	2480	1.2091	2479.3767	2480.5857	---	---
3DH5	Ant1	2402	1.2018	2401.3798	2402.5816	---	---
3DH5	Ant1	2441	1.2180	2440.3676	2441.5856	---	---
3DH5	Ant1	2480	1.2160	2479.3687	2480.5847	---	---

Test Graphs



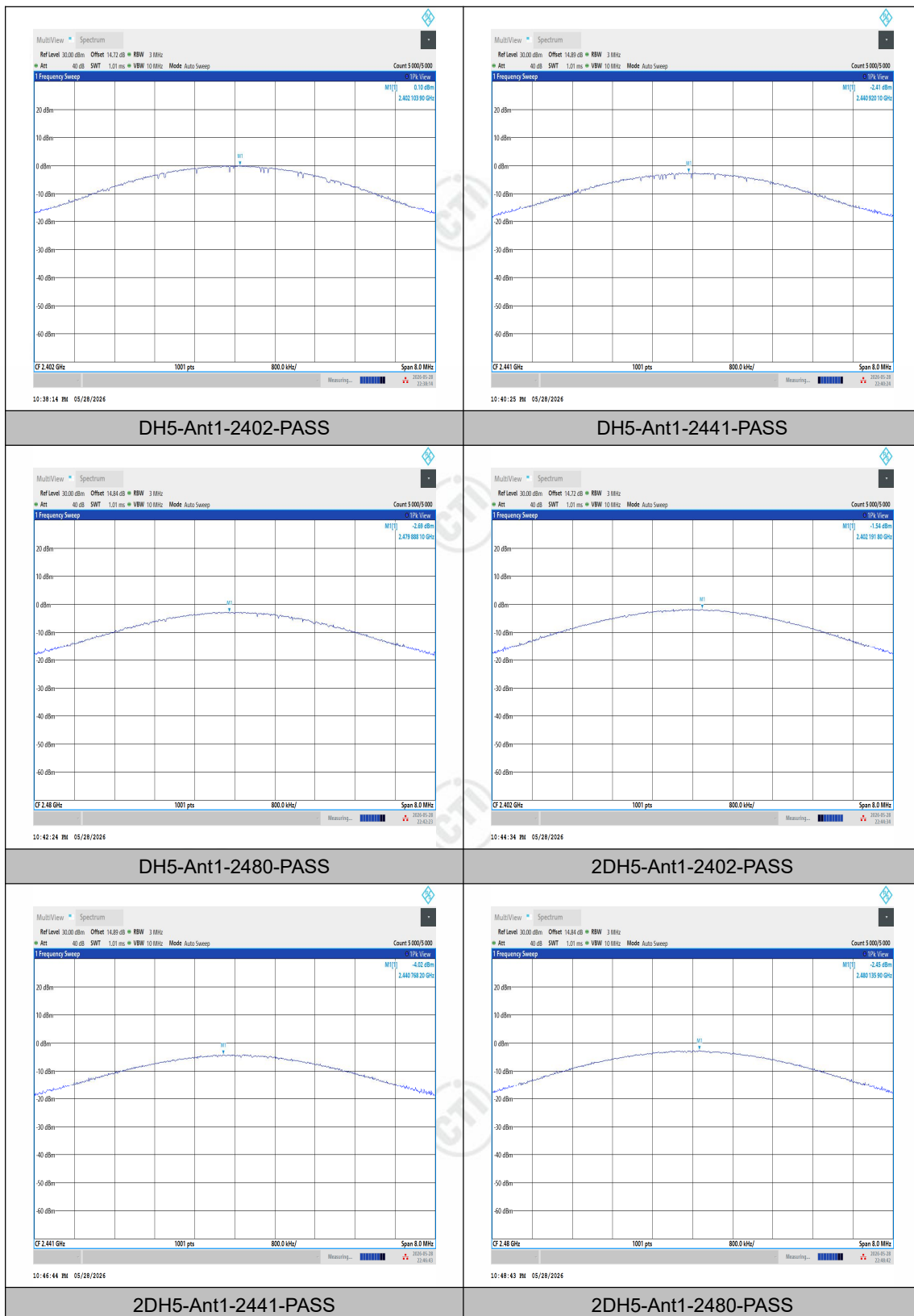


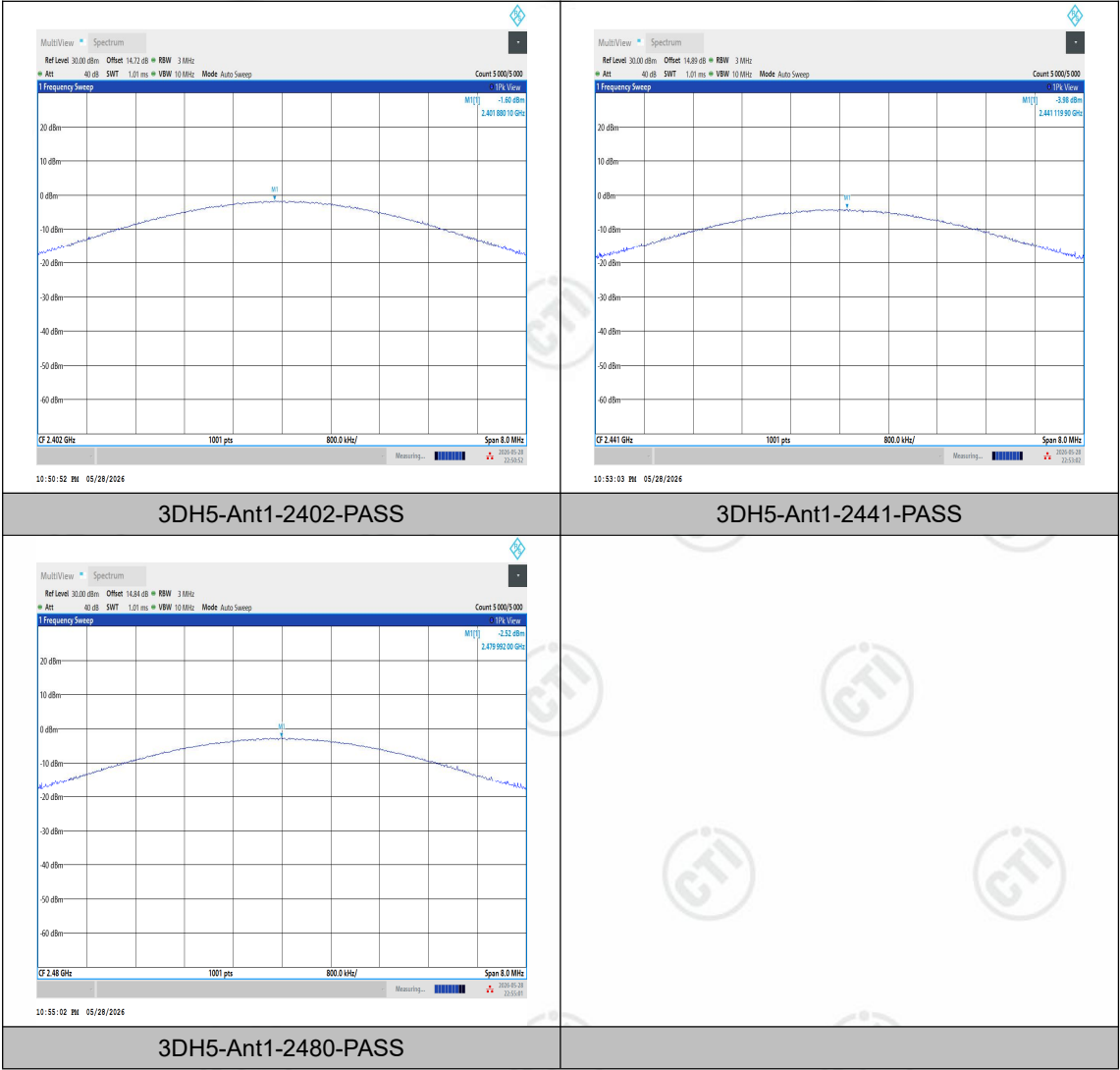
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	Verdict
DH5	Ant1	2402	0.10	≤30	0.40	PASS
DH5	Ant1	2441	-2.41	≤20.97	-2.11	PASS
DH5	Ant1	2480	-2.69	≤20.97	-2.39	PASS
2DH5	Ant1	2402	-1.54	≤30	-1.24	PASS
2DH5	Ant1	2441	-4.02	≤20.97	-3.72	PASS
2DH5	Ant1	2480	-2.45	≤20.97	-2.15	PASS
3DH5	Ant1	2402	-1.60	≤30	-1.30	PASS
3DH5	Ant1	2441	-3.98	≤20.97	-3.68	PASS
3DH5	Ant1	2480	-2.52	≤20.97	-2.22	PASS

Test Graphs



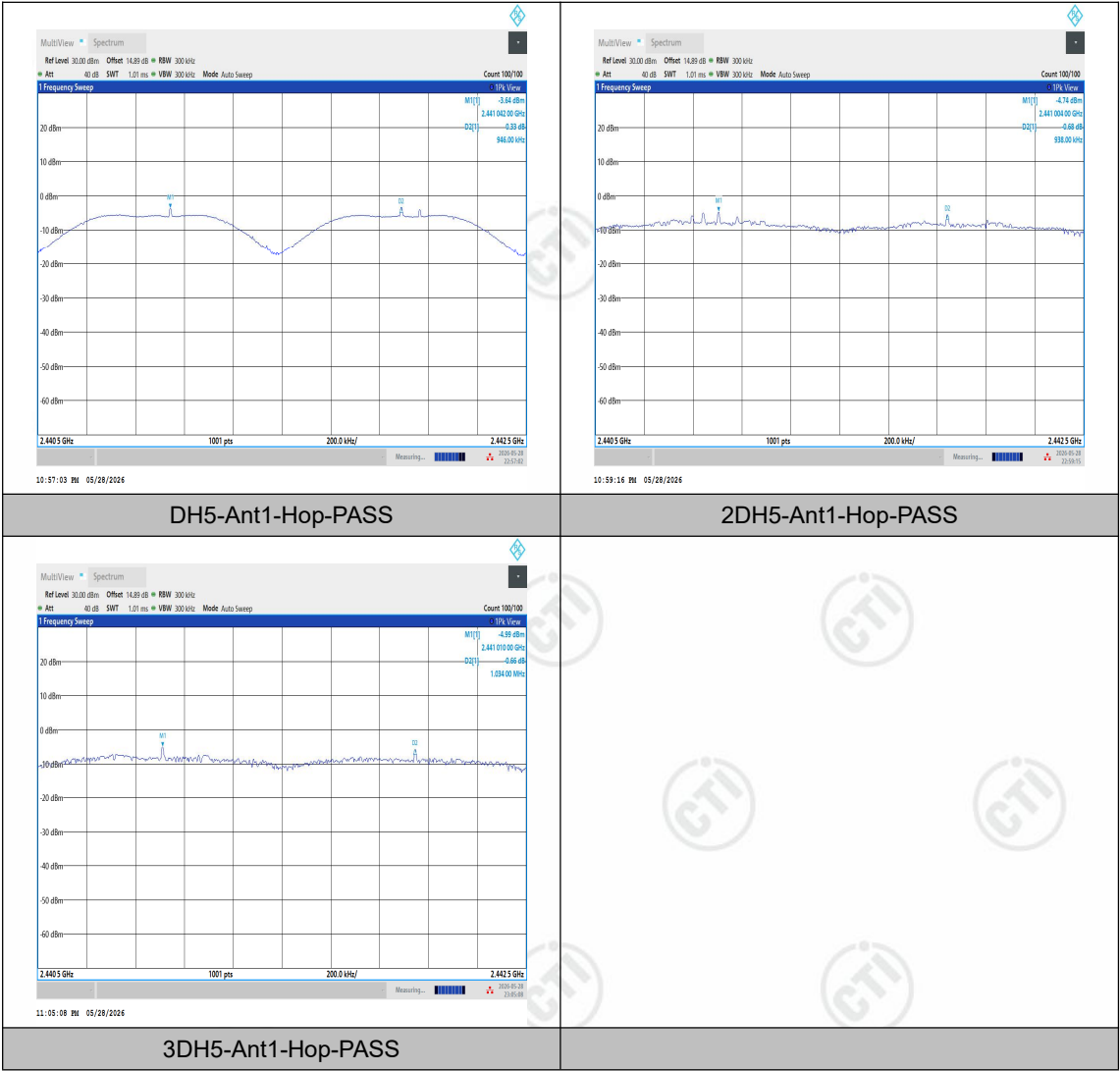


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.946	≥0.700	PASS
2DH5	Ant1	Hop	0.938	≥0.887	PASS
3DH5	Ant1	Hop	1.034	≥0.873	PASS

Test Graphs

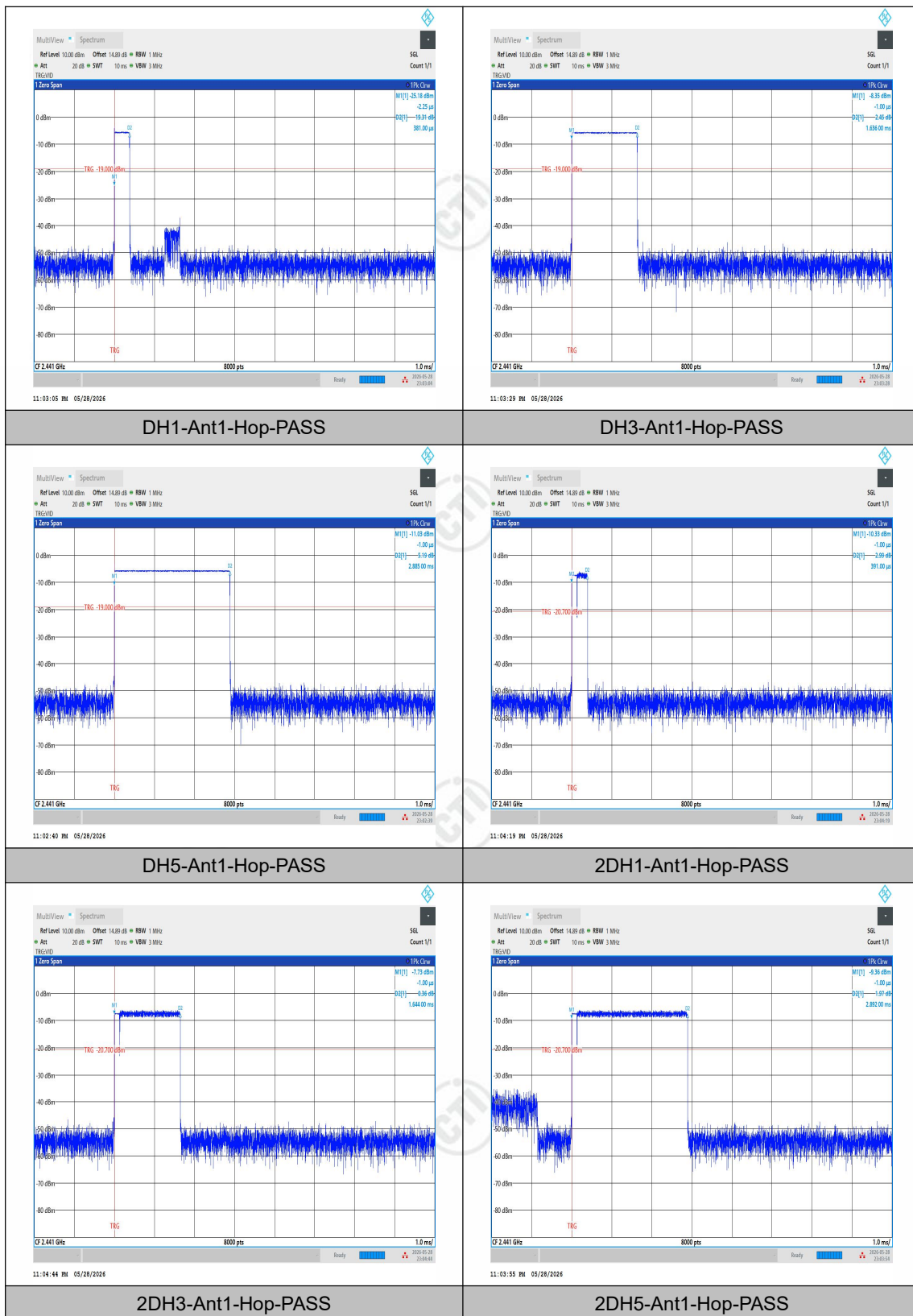


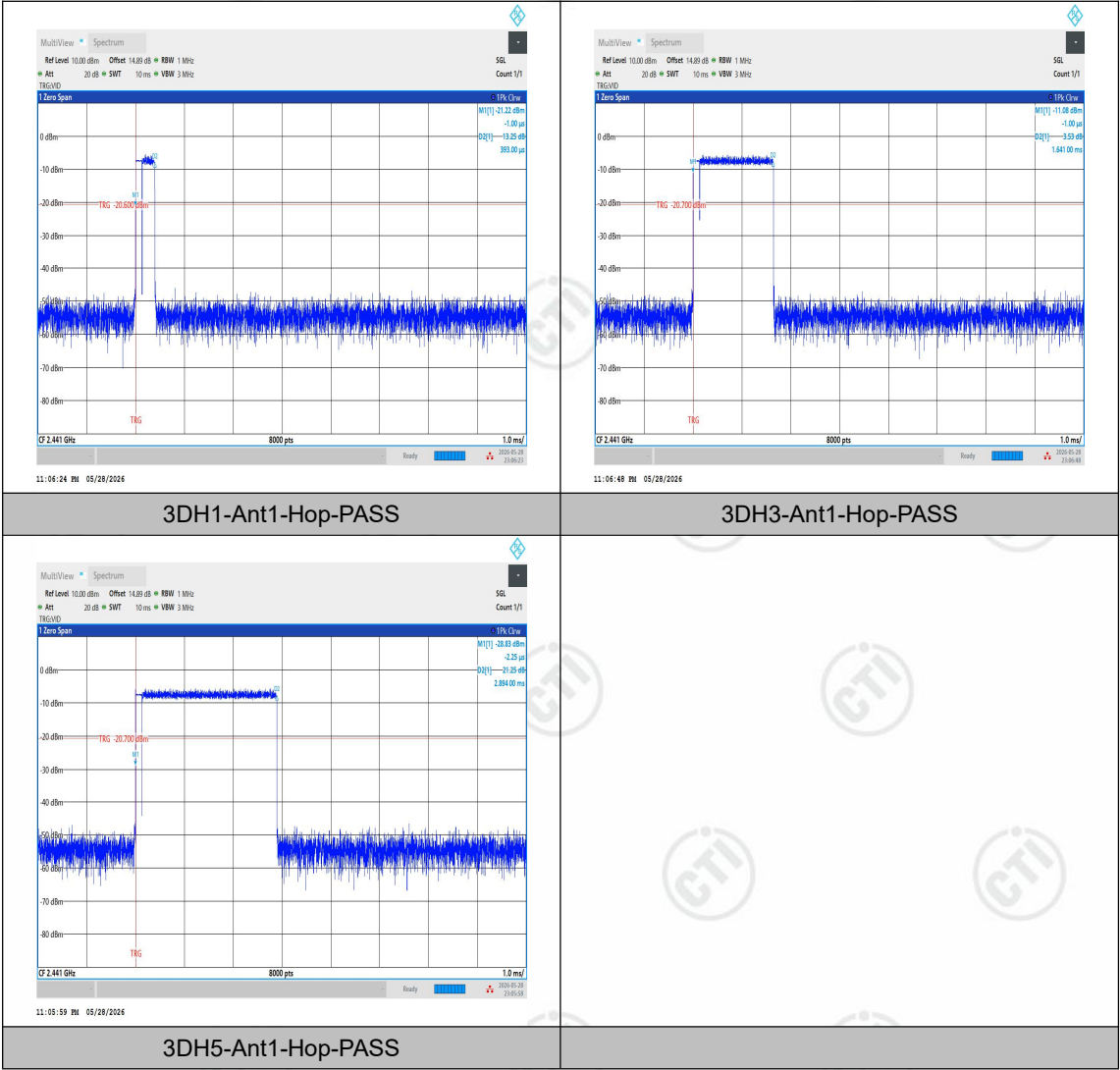
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.381	320	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.636	160	0.262	≤0.4	PASS
DH5	Ant1	Hop	2.885	106.67	0.308	≤0.4	PASS
2DH1	Ant1	Hop	0.391	320	0.125	≤0.4	PASS
2DH3	Ant1	Hop	1.644	160	0.263	≤0.4	PASS
2DH5	Ant1	Hop	2.892	106.67	0.308	≤0.4	PASS
3DH1	Ant1	Hop	0.393	320	0.126	≤0.4	PASS
3DH3	Ant1	Hop	1.641	160	0.263	≤0.4	PASS
3DH5	Ant1	Hop	2.894	106.67	0.309	≤0.4	PASS

Test Graphs



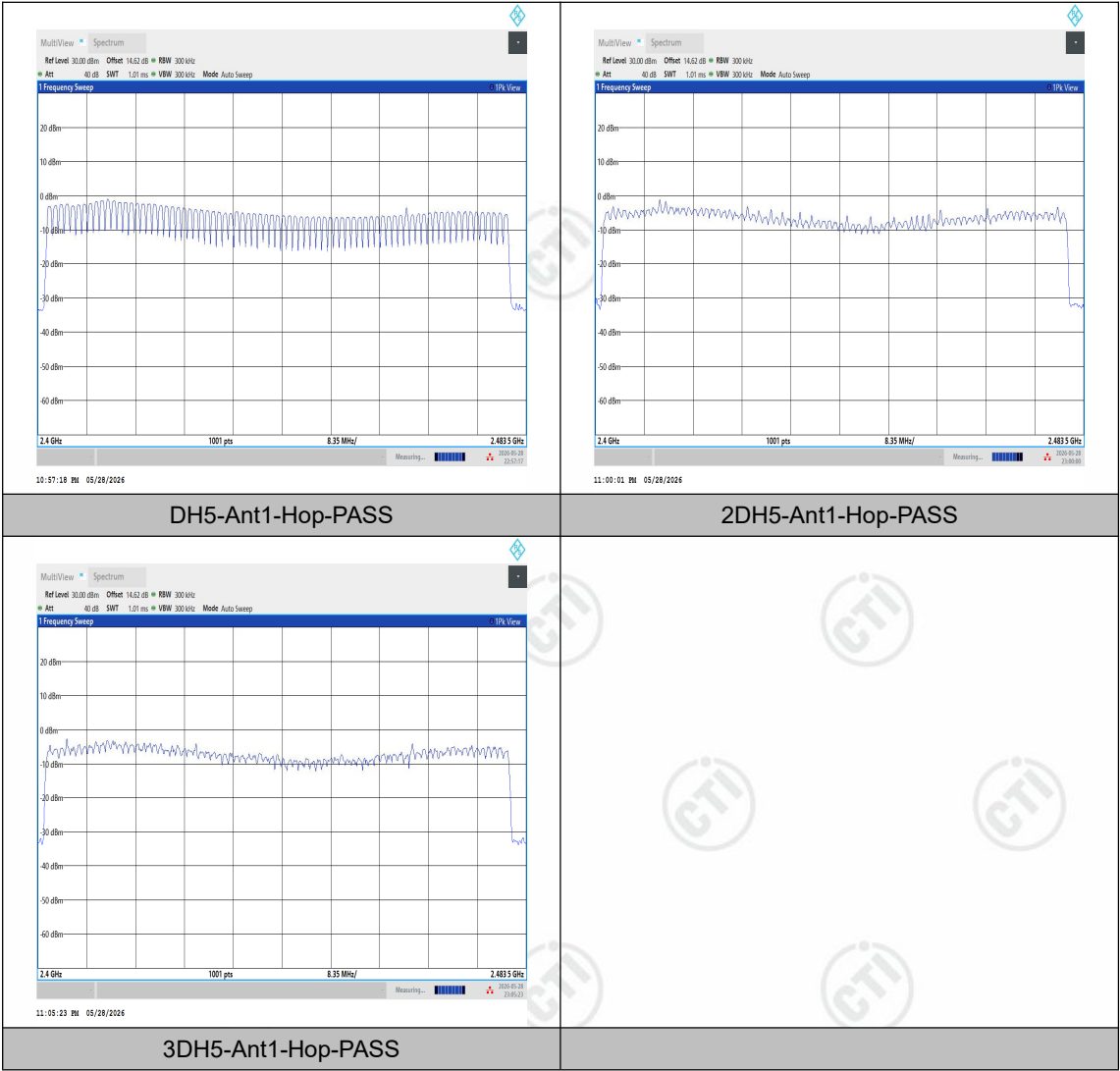


Appendix F: Number of hopping channels

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



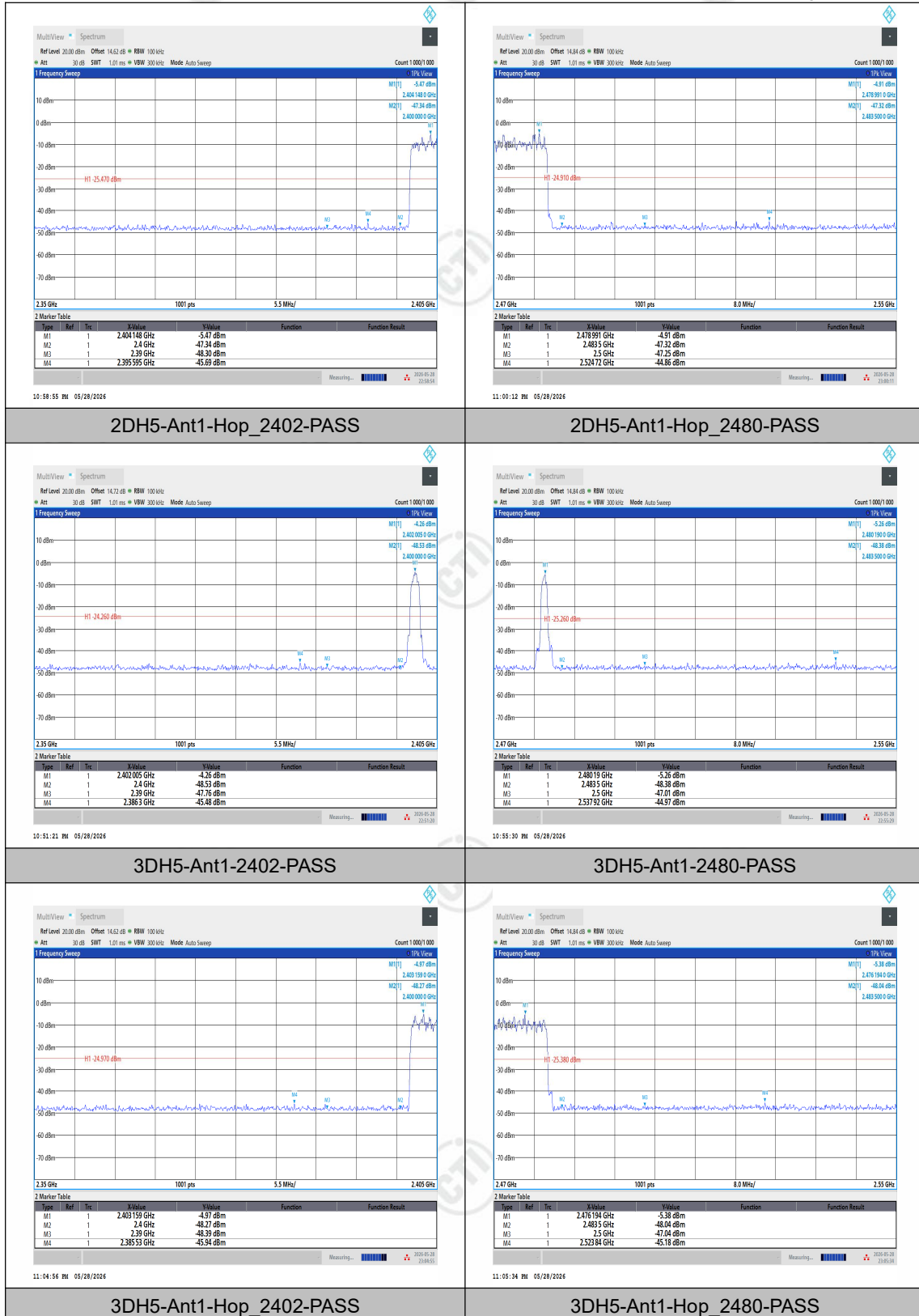
Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-2.27	-45.6	≤-22.27	PASS
DH5	Ant1	High	2480	-4.71	-45.06	≤-24.71	PASS
DH5	Ant1	Low	Hop_2402	-3.66	-44.99	≤-23.66	PASS
DH5	Ant1	High	Hop_2480	-4.94	-45.51	≤-24.94	PASS
2DH5	Ant1	Low	2402	-4.06	-45.1	≤-24.06	PASS
2DH5	Ant1	High	2480	-4.81	-45.66	≤-24.81	PASS
2DH5	Ant1	Low	Hop_2402	-5.47	-45.69	≤-25.47	PASS
2DH5	Ant1	High	Hop_2480	-4.91	-44.86	≤-24.91	PASS
3DH5	Ant1	Low	2402	-4.26	-45.48	≤-24.26	PASS
3DH5	Ant1	High	2480	-5.26	-44.97	≤-25.26	PASS
3DH5	Ant1	Low	Hop_2402	-4.97	-45.94	≤-24.97	PASS
3DH5	Ant1	High	Hop_2480	-5.38	-45.18	≤-25.38	PASS

Test Graphs





Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-2.10	-2.10	---	PASS
DH5	Ant1	2402	30~1000	-2.10	-56.2	≤-22.1	PASS
DH5	Ant1	2402	1000~26500	-2.10	-32.9	≤-22.1	PASS
DH5	Ant1	2441	0~Reference	-4.77	-4.77	---	PASS
DH5	Ant1	2441	30~1000	-4.77	-56.41	≤-24.77	PASS
DH5	Ant1	2441	1000~26500	-4.77	-32.9	≤-24.77	PASS
DH5	Ant1	2480	0~Reference	-4.71	-4.71	---	PASS
DH5	Ant1	2480	30~1000	-4.71	-55.67	≤-24.71	PASS
DH5	Ant1	2480	1000~26500	-4.71	-32.98	≤-24.71	PASS
2DH5	Ant1	2402	0~Reference	-3.91	-3.91	---	PASS
2DH5	Ant1	2402	30~1000	-3.91	-56.06	≤-23.91	PASS
2DH5	Ant1	2402	1000~26500	-3.91	-32.48	≤-23.91	PASS
2DH5	Ant1	2441	0~Reference	-6.45	-6.45	---	PASS
2DH5	Ant1	2441	30~1000	-6.45	-56.75	≤-26.45	PASS
2DH5	Ant1	2441	1000~26500	-6.45	-32.36	≤-26.45	PASS
2DH5	Ant1	2480	0~Reference	-4.64	-4.64	---	PASS
2DH5	Ant1	2480	30~1000	-4.64	-56.34	≤-24.64	PASS
2DH5	Ant1	2480	1000~26500	-4.64	-32.65	≤-24.64	PASS
3DH5	Ant1	2402	0~Reference	-3.92	-3.92	---	PASS
3DH5	Ant1	2402	30~1000	-3.92	-56.4	≤-23.92	PASS
3DH5	Ant1	2402	1000~26500	-3.92	-32.64	≤-23.92	PASS
3DH5	Ant1	2441	0~Reference	-6.46	-6.46	---	PASS
3DH5	Ant1	2441	30~1000	-6.46	-55.81	≤-26.46	PASS
3DH5	Ant1	2441	1000~26500	-6.46	-32.77	≤-26.46	PASS
3DH5	Ant1	2480	0~Reference	-4.67	-4.67	---	PASS
3DH5	Ant1	2480	30~1000	-4.67	-57.1	≤-24.67	PASS
3DH5	Ant1	2480	1000~26500	-4.67	-32.17	≤-24.67	PASS