

Appendix: Bluetooth Classic

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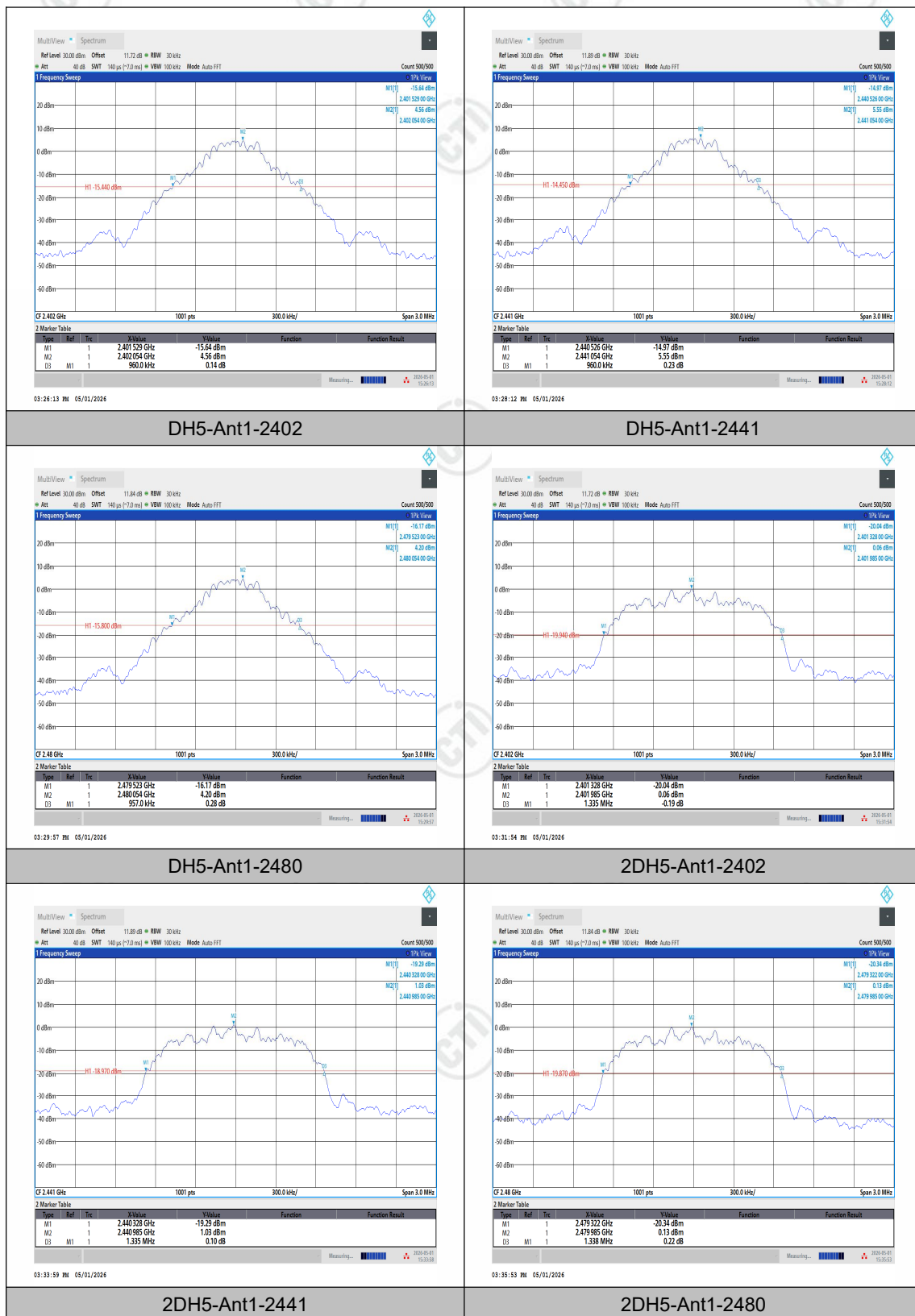
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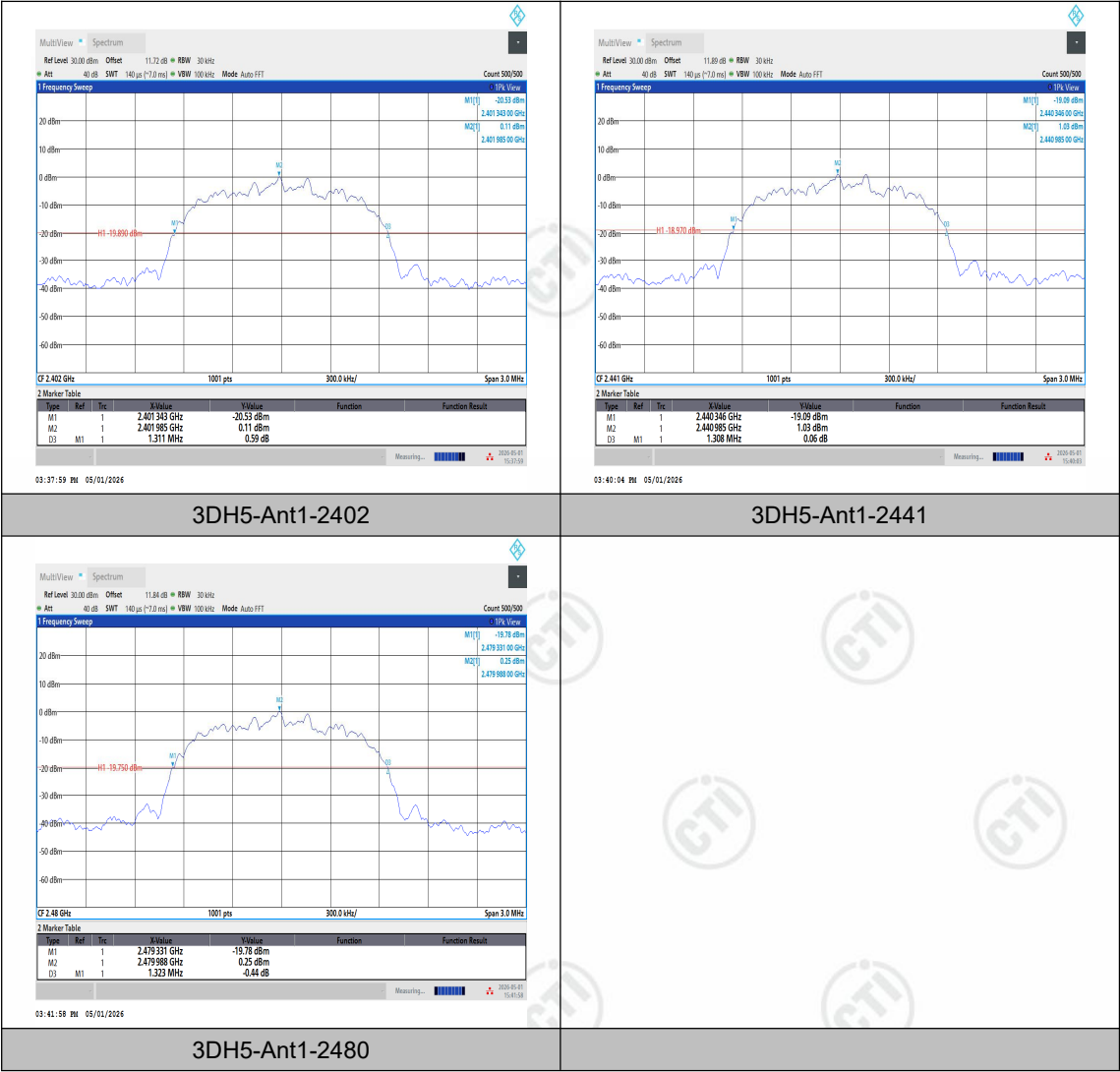
Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.96	2401.53	2402.49	---	---
DH5	Ant1	2441	0.96	2440.53	2441.49	---	---
DH5	Ant1	2480	0.96	2479.52	2480.48	---	---
2DH5	Ant1	2402	1.34	2401.33	2402.66	---	---
2DH5	Ant1	2441	1.34	2440.33	2441.66	---	---
2DH5	Ant1	2480	1.34	2479.32	2480.66	---	---
3DH5	Ant1	2402	1.31	2401.34	2402.65	---	---
3DH5	Ant1	2441	1.31	2440.35	2441.65	---	---
3DH5	Ant1	2480	1.32	2479.33	2480.65	---	---

Test Graphs



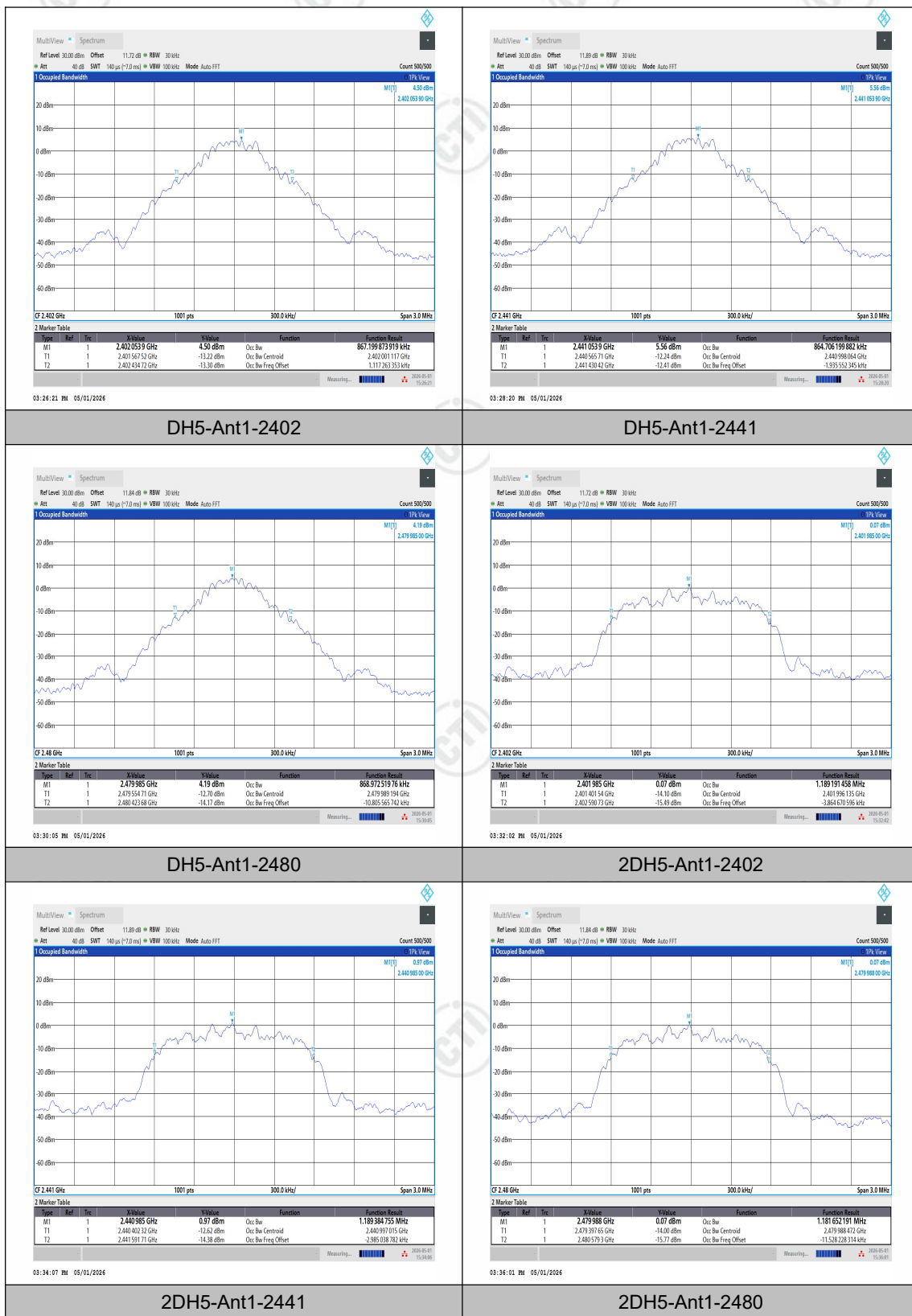


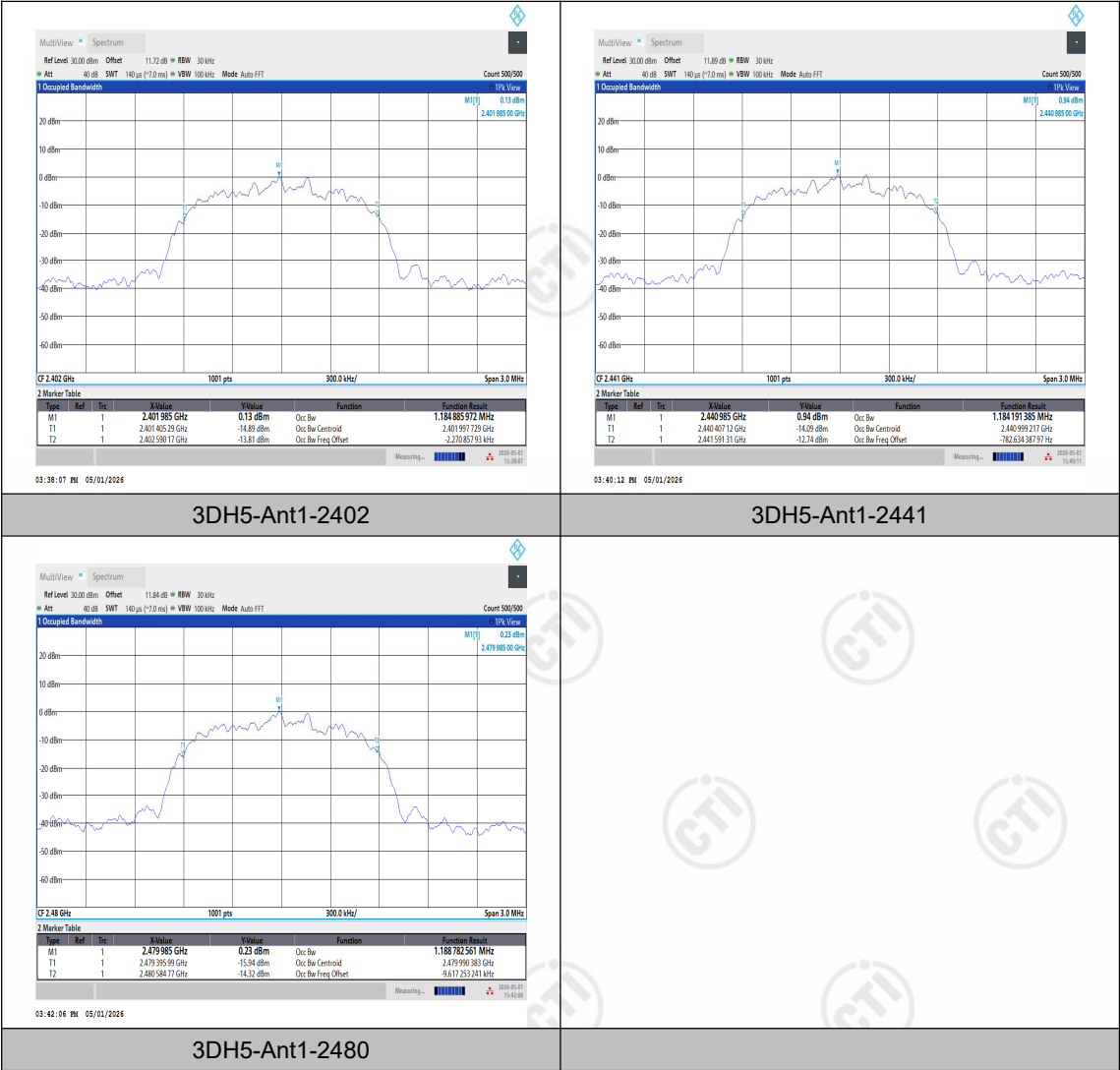
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86720	2401.56 75	2402.43 47	---	---
DH5	Ant1	2441	0.86471	2440.56 57	2441.43 04	---	---
DH5	Ant1	2480	0.86897	2479.55 47	2480.42 37	---	---
2DH5	Ant1	2402	1.1892	2401.40 15	2402.59 07	---	---
2DH5	Ant1	2441	1.1894	2440.40 23	2441.59 17	---	---
2DH5	Ant1	2480	1.1817	2479.39 76	2480.57 93	---	---
3DH5	Ant1	2402	1.1849	2401.40 53	2402.59 02	---	---
3DH5	Ant1	2441	1.1842	2440.40 71	2441.59 13	---	---
3DH5	Ant1	2480	1.1888	2479.39 60	2480.58 48	---	---

Test Graphs



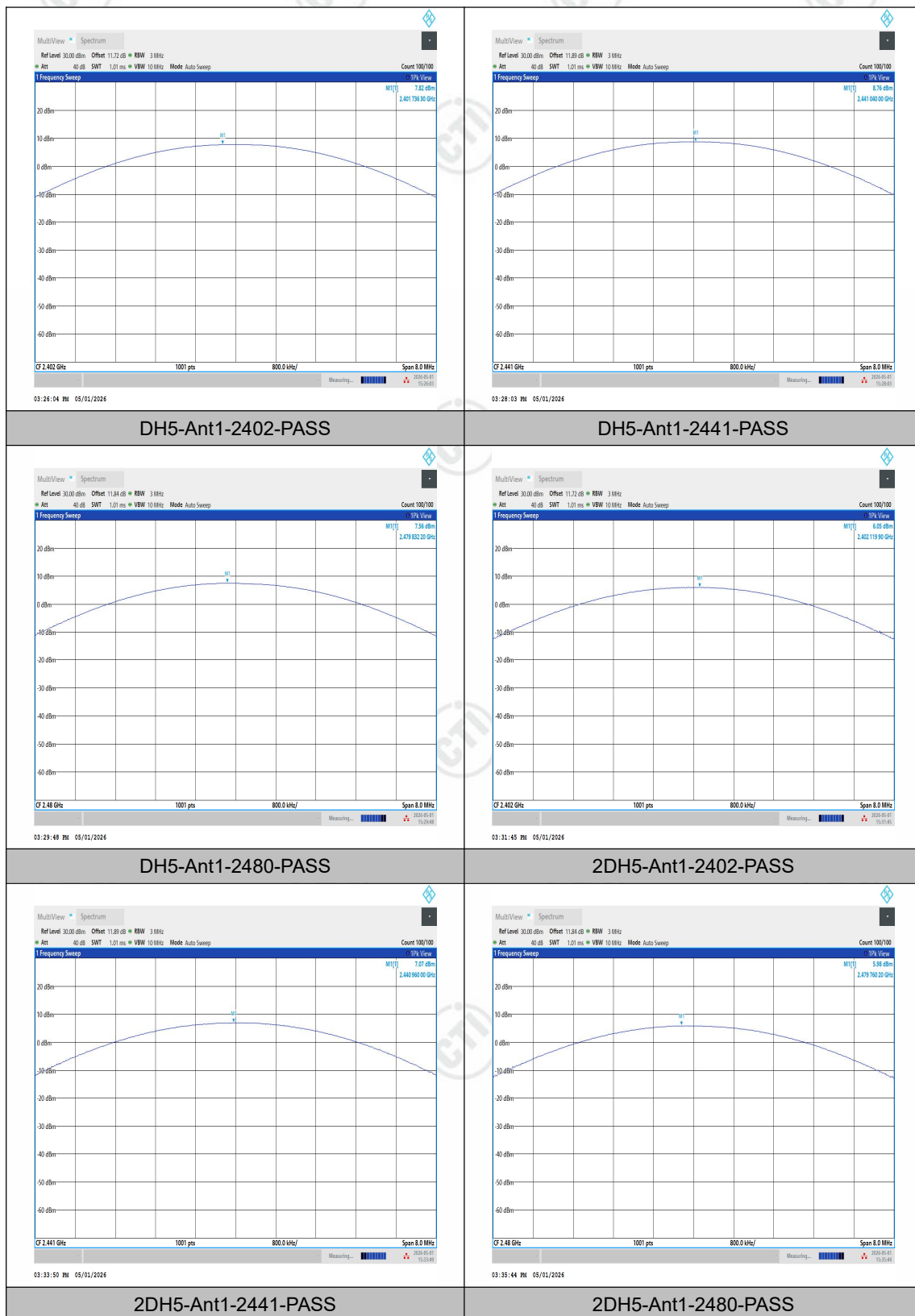


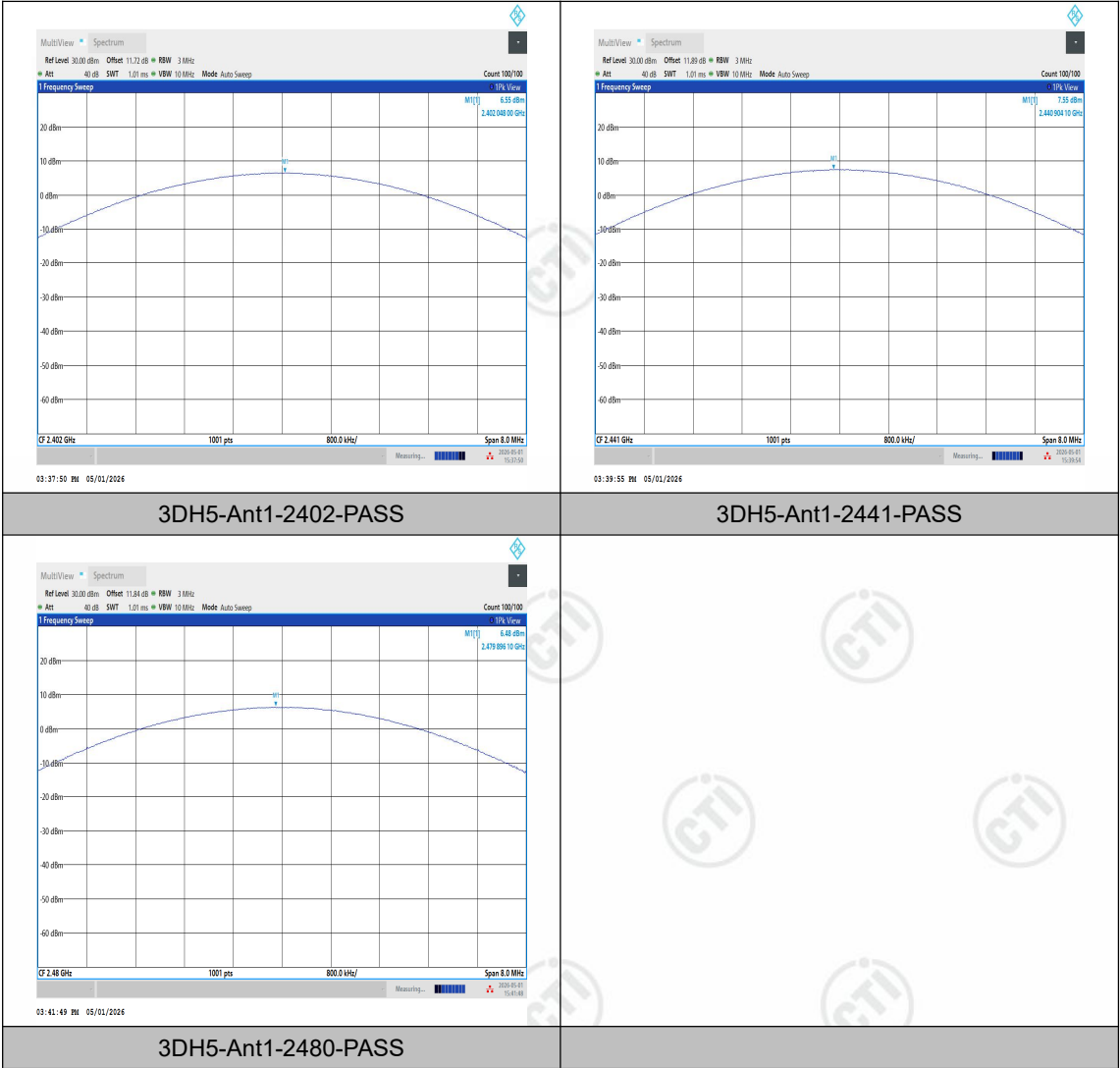
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	Verdict
DH5	Ant1	2402	7.82	≤30	2.60	PASS
DH5	Ant1	2441	8.76	≤20.97	3.54	PASS
DH5	Ant1	2480	7.56	≤20.97	2.34	PASS
2DH5	Ant1	2402	6.05	≤30	0.83	PASS
2DH5	Ant1	2441	7.07	≤20.97	1.85	PASS
2DH5	Ant1	2480	5.98	≤20.97	0.76	PASS
3DH5	Ant1	2402	6.55	≤30	1.33	PASS
3DH5	Ant1	2441	7.55	≤20.97	2.33	PASS
3DH5	Ant1	2480	6.48	≤20.97	1.26	PASS

Test Graphs





Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.002	≥0.960	PASS
2DH5	Ant1	Hop	1.116	≥0.893	PASS
3DH5	Ant1	Hop	1.296	≥0.880	PASS

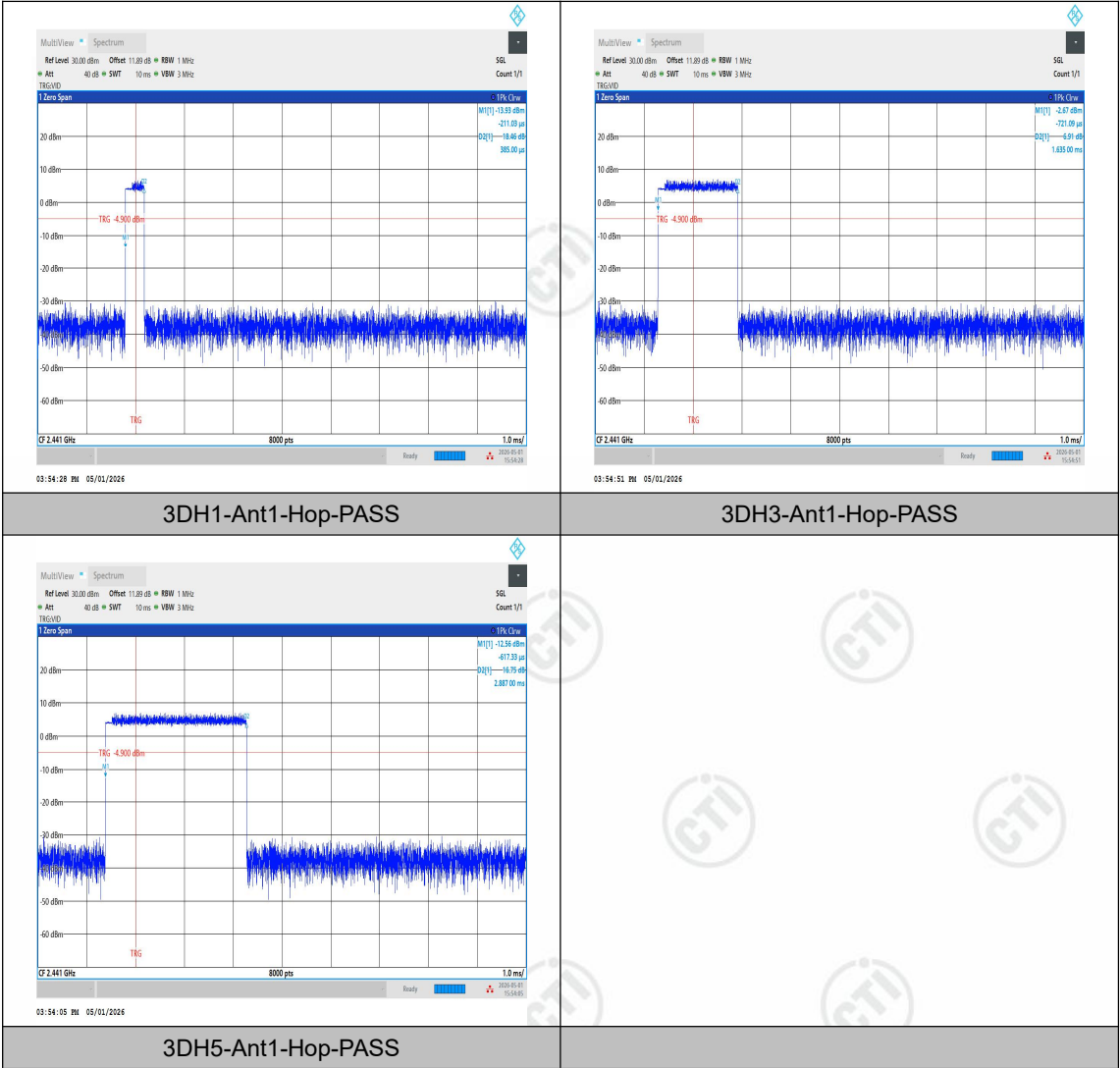
Complaint E-mail: complaint@cti-cert.com

Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.375	320	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.633	160	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.880	106.67	0.307	≤0.4	PASS
2DH1	Ant1	Hop	0.386	320	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.638	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.885	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	2.887	106.67	0.308	≤0.4	PASS

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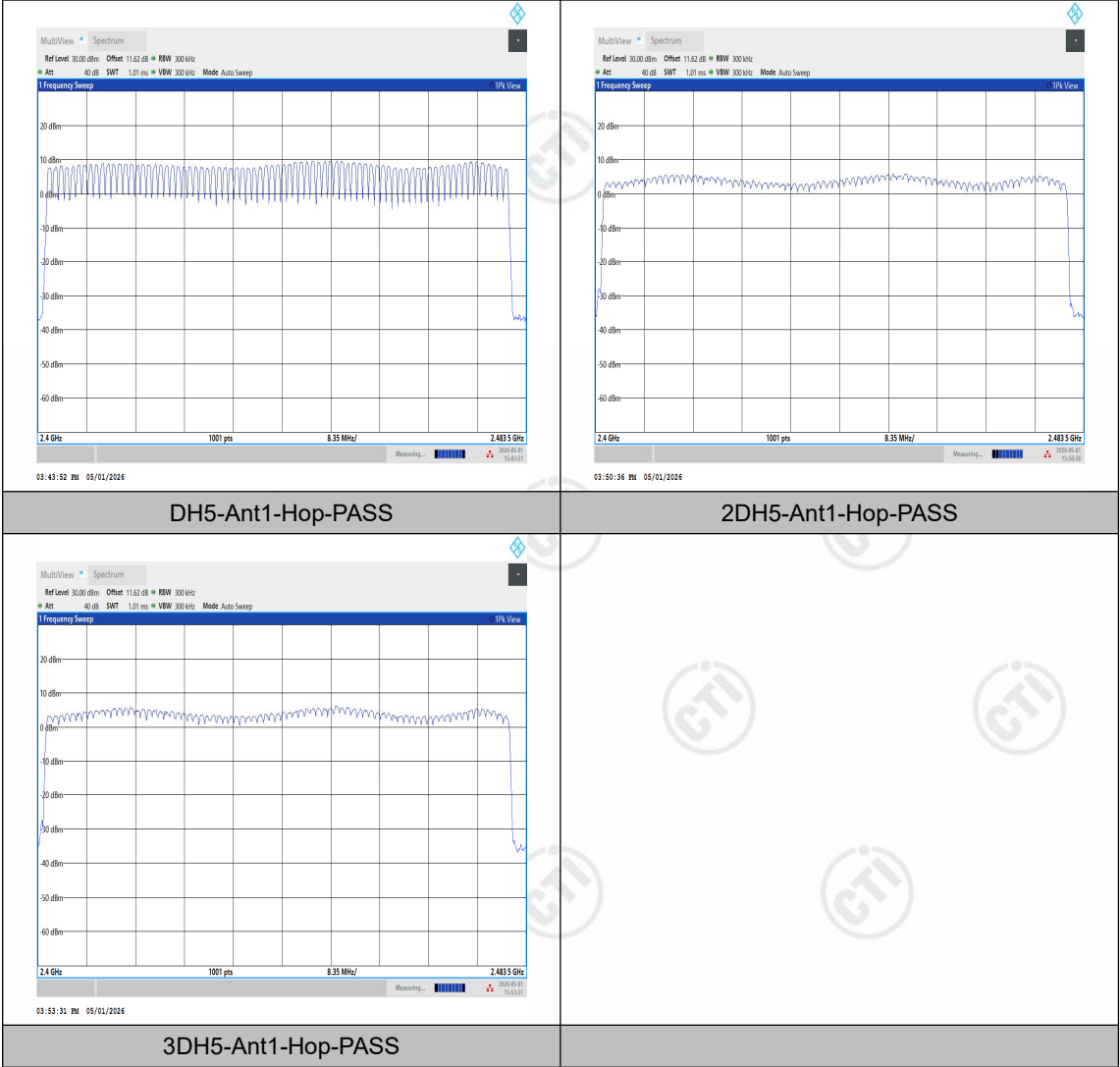


Appendix F: Number of hopping channels

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

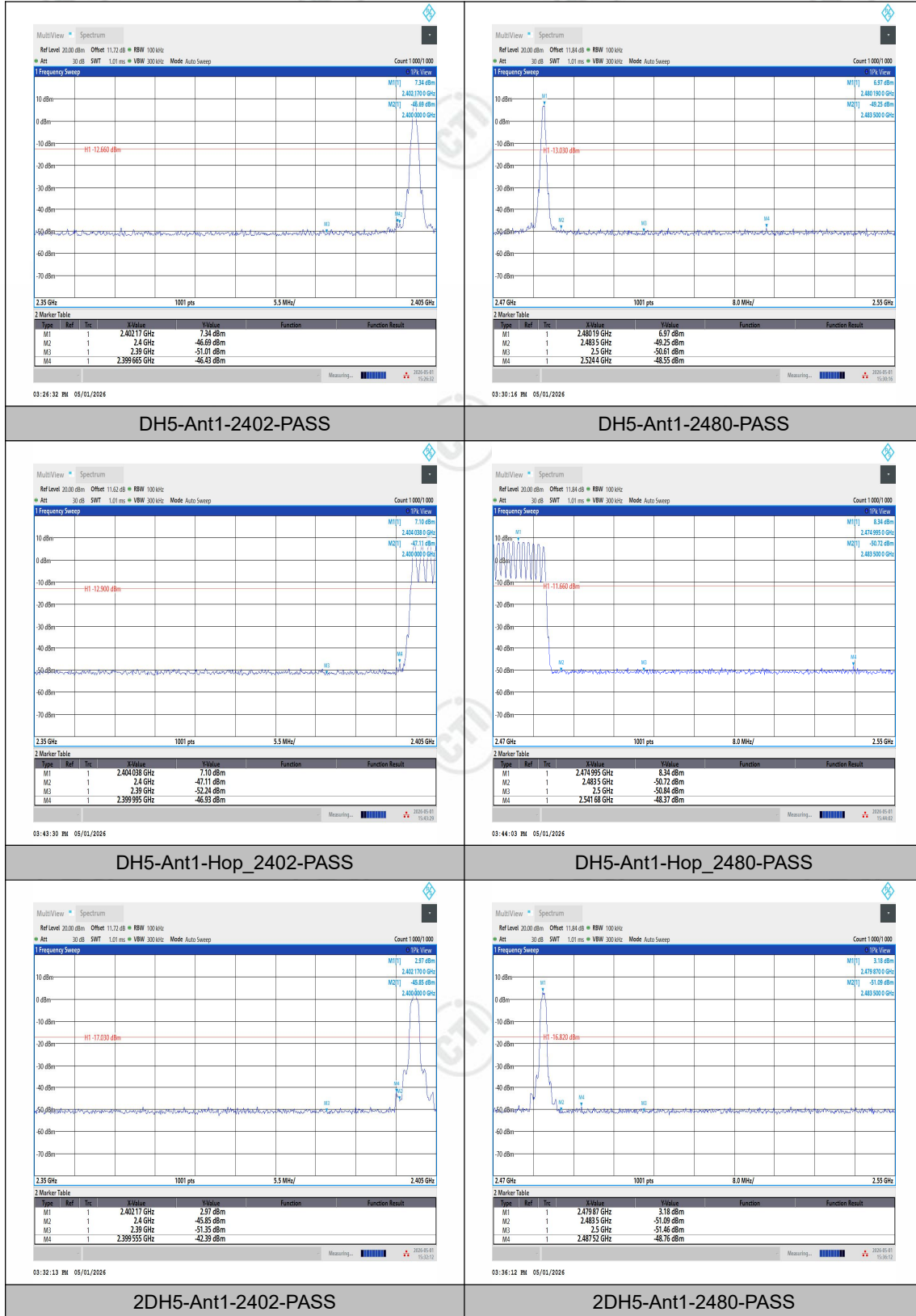


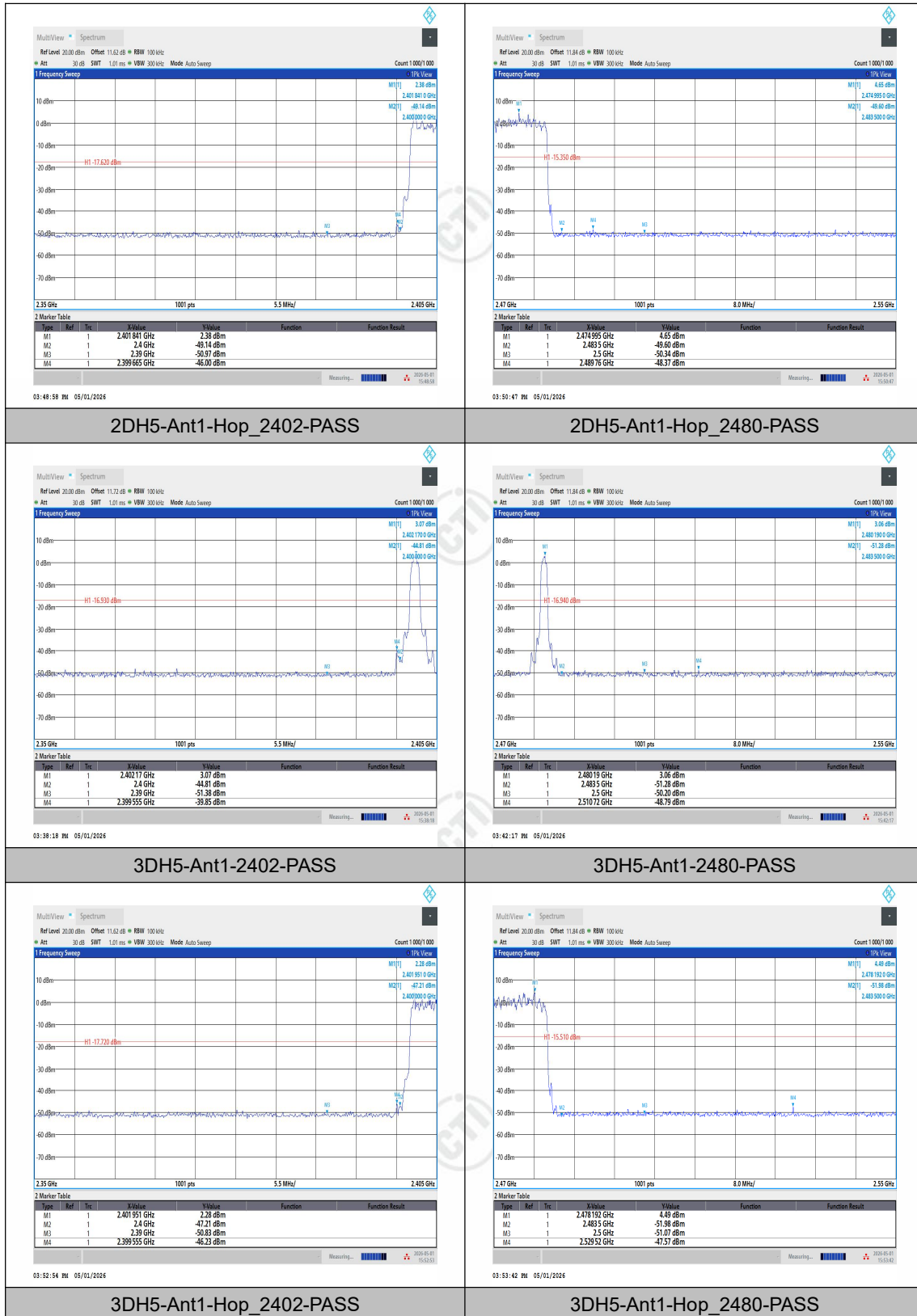
Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	7.34	-46.43	≤-12.66	PASS
DH5	Ant1	High	2480	6.97	-48.55	≤-13.03	PASS
DH5	Ant1	Low	Hop_2402	7.10	-46.93	≤-12.9	PASS
DH5	Ant1	High	Hop_2480	8.34	-48.37	≤-11.66	PASS
2DH5	Ant1	Low	2402	2.97	-42.39	≤-17.03	PASS
2DH5	Ant1	High	2480	3.18	-48.76	≤-16.82	PASS
2DH5	Ant1	Low	Hop_2402	2.38	-46	≤-17.62	PASS
2DH5	Ant1	High	Hop_2480	4.65	-48.37	≤-15.35	PASS
3DH5	Ant1	Low	2402	3.07	-39.85	≤-16.93	PASS
3DH5	Ant1	High	2480	3.06	-48.79	≤-16.94	PASS
3DH5	Ant1	Low	Hop_2402	2.28	-46.23	≤-17.72	PASS
3DH5	Ant1	High	Hop_2480	4.49	-47.57	≤-15.51	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	7.41	7.41	---	PASS
DH5	Ant1	2402	30~1000	7.41	-57.91	≤-12.59	PASS
DH5	Ant1	2402	1000~26500	7.41	-50.66	≤-12.59	PASS
DH5	Ant1	2441	0~Reference	8.44	8.44	---	PASS
DH5	Ant1	2441	30~1000	8.44	-58.16	≤-11.56	PASS
DH5	Ant1	2441	1000~26500	8.44	-25.1	≤-11.56	PASS
DH5	Ant1	2480	0~Reference	7.06	7.06	---	PASS
DH5	Ant1	2480	30~1000	7.06	-57.23	≤-12.94	PASS
DH5	Ant1	2480	1000~26500	7.06	-25.11	≤-12.94	PASS
2DH5	Ant1	2402	0~Reference	3.03	3.03	---	PASS
2DH5	Ant1	2402	30~1000	3.03	-57.55	≤-16.97	PASS
2DH5	Ant1	2402	1000~26500	3.03	-50.91	≤-16.97	PASS
2DH5	Ant1	2441	0~Reference	3.97	3.97	---	PASS
2DH5	Ant1	2441	30~1000	3.97	-57.41	≤-16.03	PASS
2DH5	Ant1	2441	1000~26500	3.97	-25.09	≤-16.03	PASS
2DH5	Ant1	2480	0~Reference	3.17	3.17	---	PASS
2DH5	Ant1	2480	30~1000	3.17	-57.42	≤-16.83	PASS
2DH5	Ant1	2480	1000~26500	3.17	-25.11	≤-16.83	PASS
3DH5	Ant1	2402	0~Reference	3.14	3.14	---	PASS
3DH5	Ant1	2402	30~1000	3.14	-57.51	≤-16.86	PASS
3DH5	Ant1	2402	1000~26500	3.14	-50.62	≤-16.86	PASS
3DH5	Ant1	2441	0~Reference	4.14	4.14	---	PASS
3DH5	Ant1	2441	30~1000	4.14	-57.52	≤-15.86	PASS
3DH5	Ant1	2441	1000~26500	4.14	-25.08	≤-15.86	PASS
3DH5	Ant1	2480	0~Reference	3.16	3.16	---	PASS
3DH5	Ant1	2480	30~1000	3.16	-57.59	≤-16.84	PASS
3DH5	Ant1	2480	1000~26500	3.16	-25.07	≤-16.84	PASS