

Appendix: Bluetooth Classic

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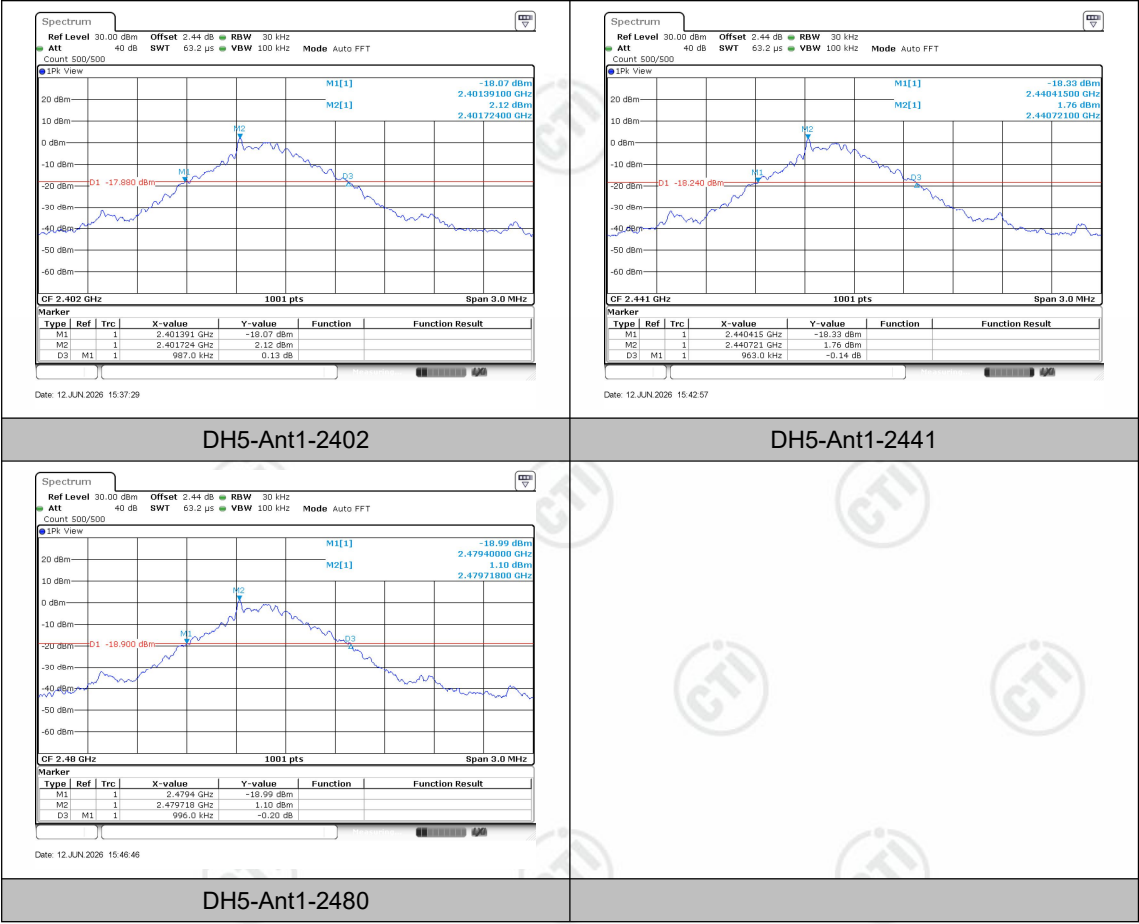
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Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]
DH5	Ant1	2402	0.99	2401.39	2402.38
DH5	Ant1	2441	0.96	2440.42	2441.38
DH5	Ant1	2480	1.00	2479.40	2480.40

Test Graphs

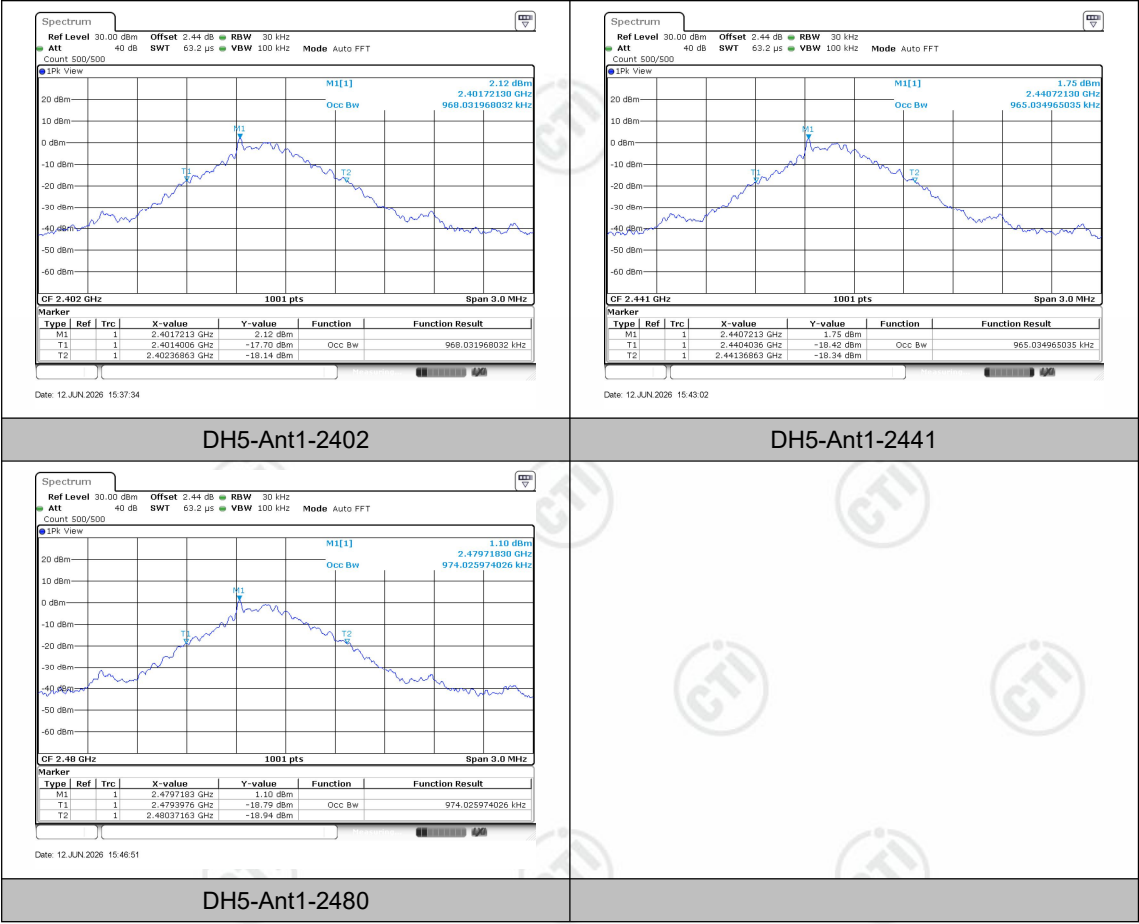


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
DH5	Ant1	2402	0.96803	2401.4006	2402.3686
DH5	Ant1	2441	0.96503	2440.4036	2441.3686
DH5	Ant1	2480	0.97403	2479.3976	2480.3716

Test Graphs



Appendix C: Maximum conducted output power

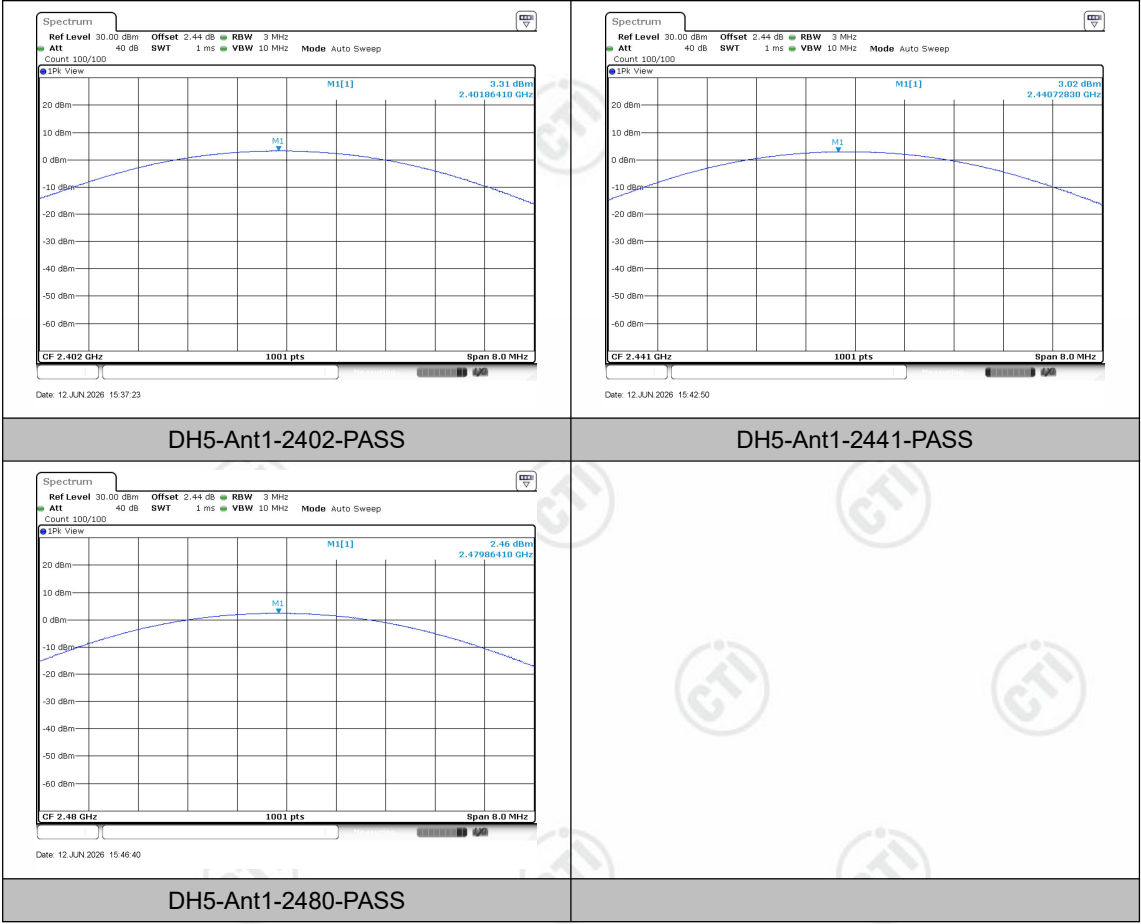
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	Verdict
DH5	Ant1	2402	3.31	≤30	5.89	PASS
DH5	Ant1	2441	3.02	≤20.97	5.60	PASS
DH5	Ant1	2480	2.46	≤20.97	5.04	PASS

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Conducted Sensor power[dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Gain [dBi]	Verdict
TestMode	Antenna	Channel	RawPower	DC	DcFactor	Result	Limit	Gain	Verdict

Test Graphs

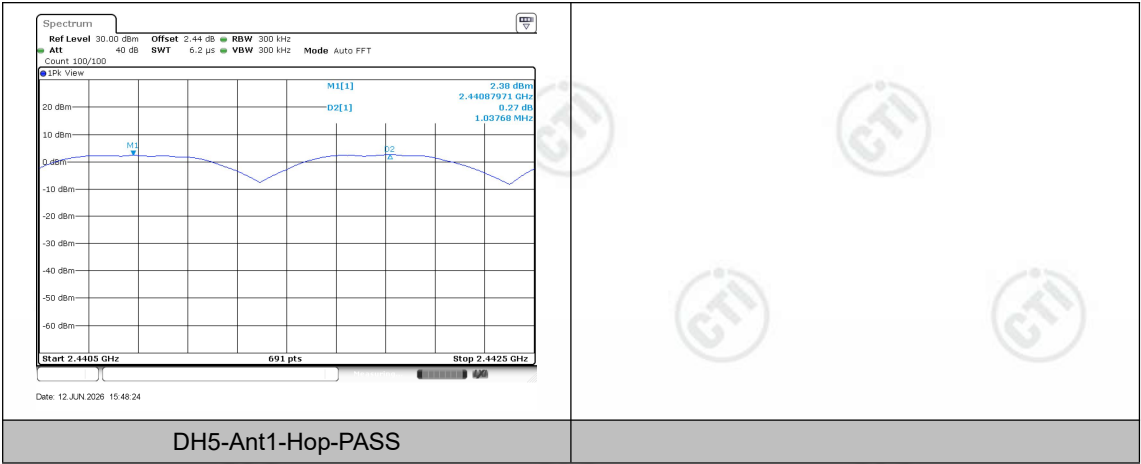


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.038	≥1.000	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	0.428	320	0.137	≤0.4	PASS
DH3	Ant1	Hop	1.620	160	0.259	≤0.4	PASS
DH5	Ant1	Hop	2.813	106.67	0.3	≤0.4	PASS

Test Graphs

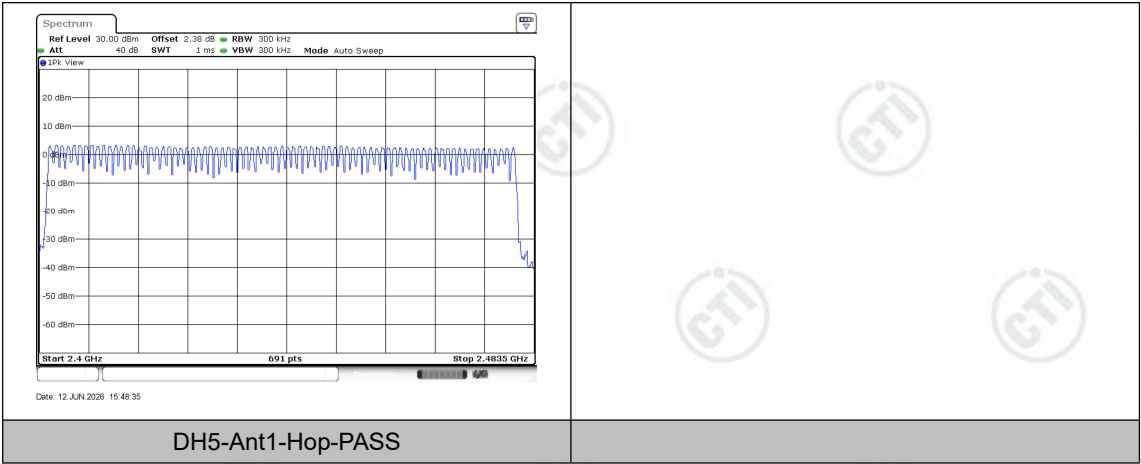


Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

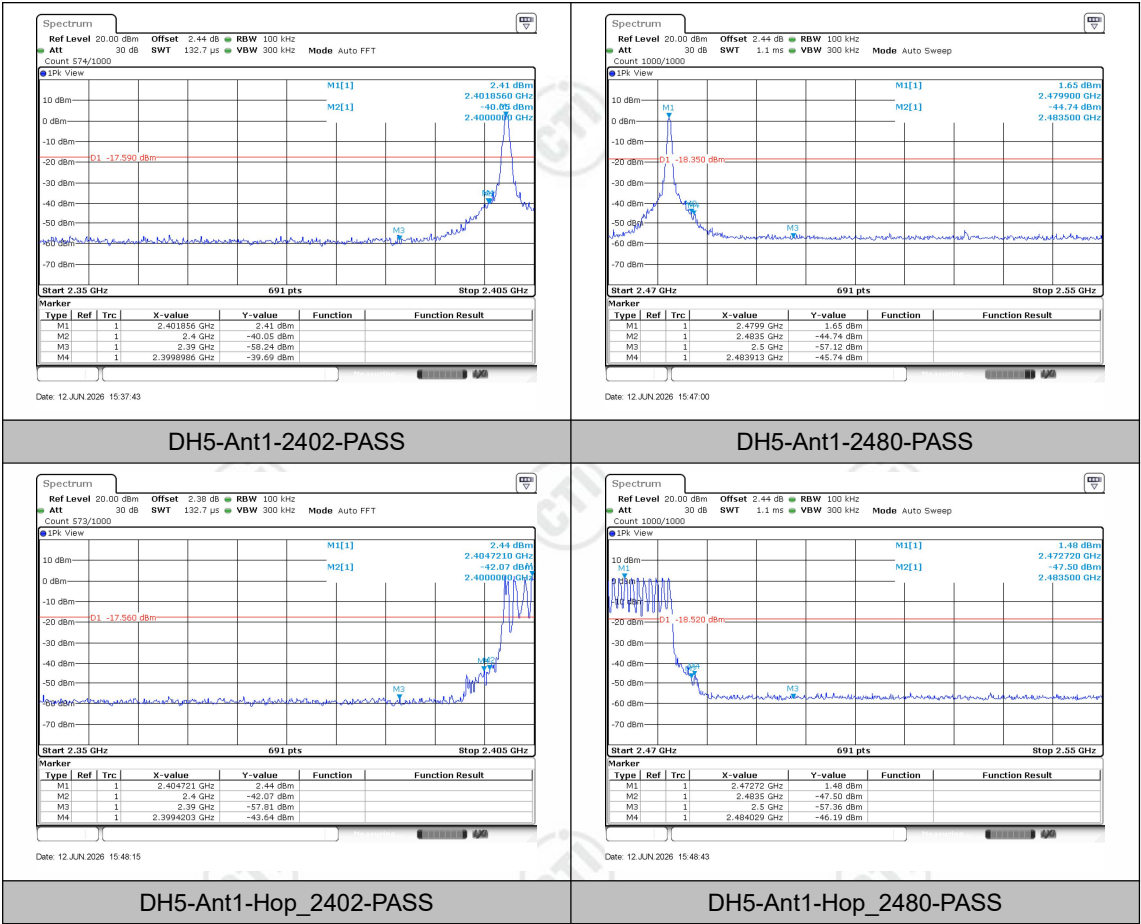


Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.41	-39.69	≤-17.59	PASS
DH5	Ant1	High	2480	1.65	-45.74	≤-18.35	PASS
DH5	Ant1	Low	Hop_2402	2.44	-43.64	≤-17.56	PASS
DH5	Ant1	High	Hop_2480	1.48	-46.19	≤-18.52	PASS

Test Graphs

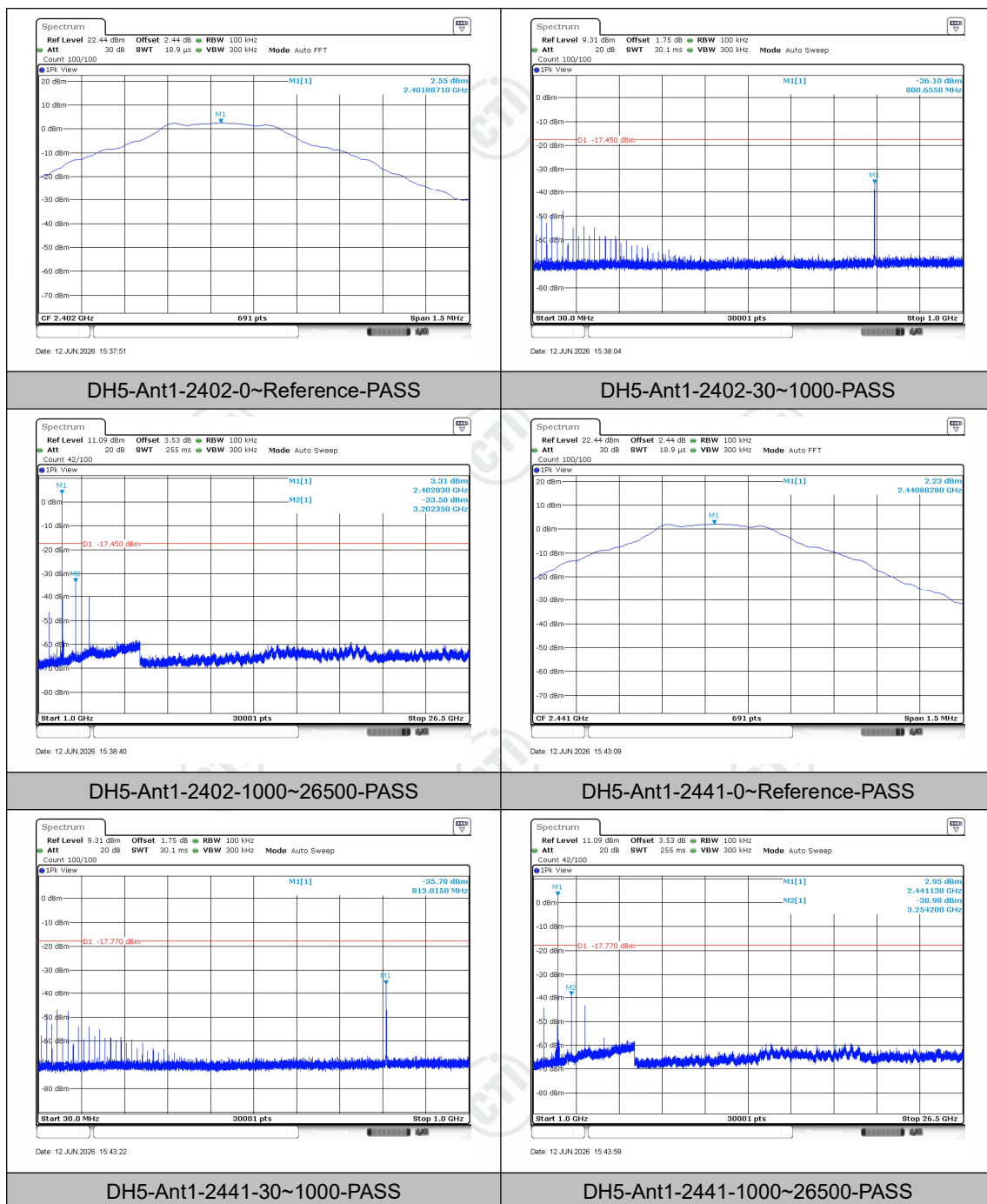


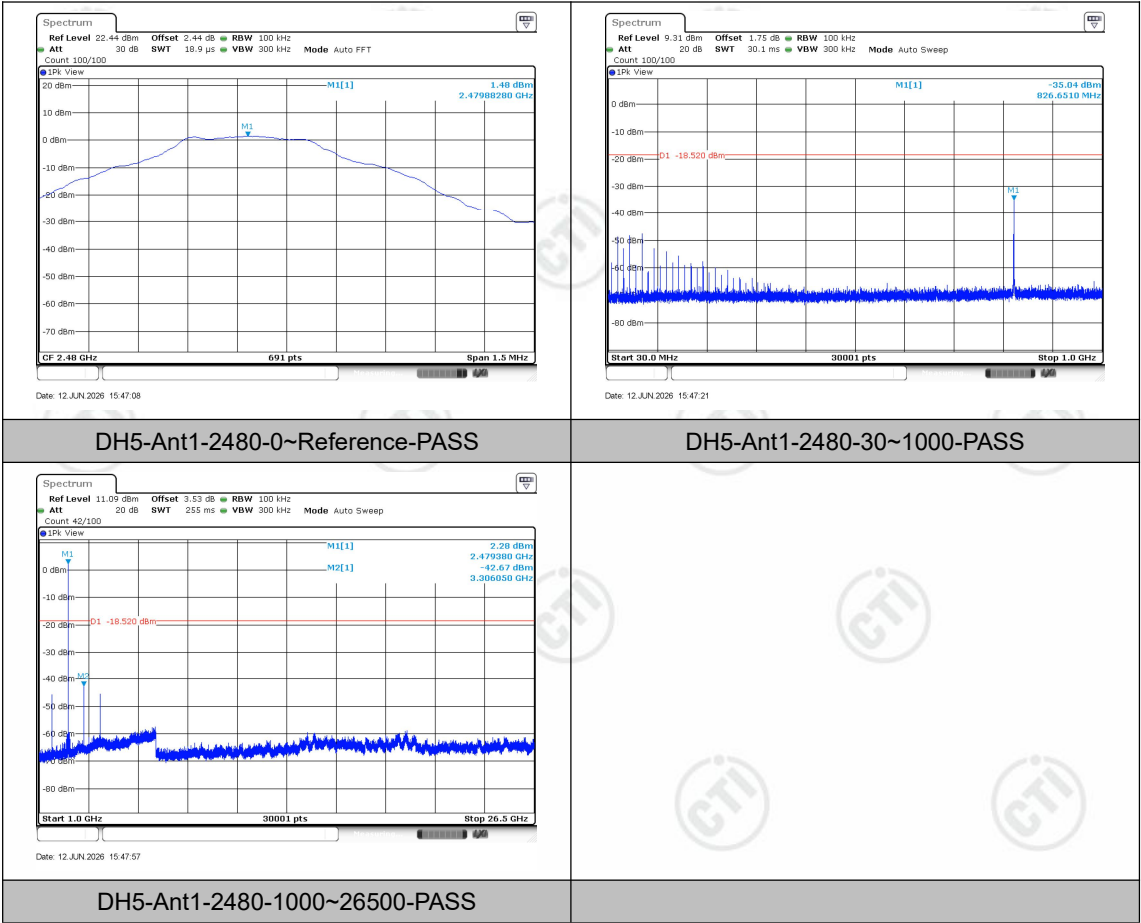
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	2.55	2.55	---	PASS
DH5	Ant1	2402	30~1000	2.55	-36.1	≤-17.45	PASS
DH5	Ant1	2402	1000~26500	2.55	-33.58	≤-17.45	PASS
DH5	Ant1	2441	0~Reference	2.23	2.23	---	PASS
DH5	Ant1	2441	30~1000	2.23	-35.78	≤-17.77	PASS
DH5	Ant1	2441	1000~26500	2.23	-38.98	≤-17.77	PASS
DH5	Ant1	2480	0~Reference	1.48	1.48	---	PASS
DH5	Ant1	2480	30~1000	1.48	-35.04	≤-18.52	PASS
DH5	Ant1	2480	1000~26500	1.48	-42.67	≤-18.52	PASS

Test Graphs



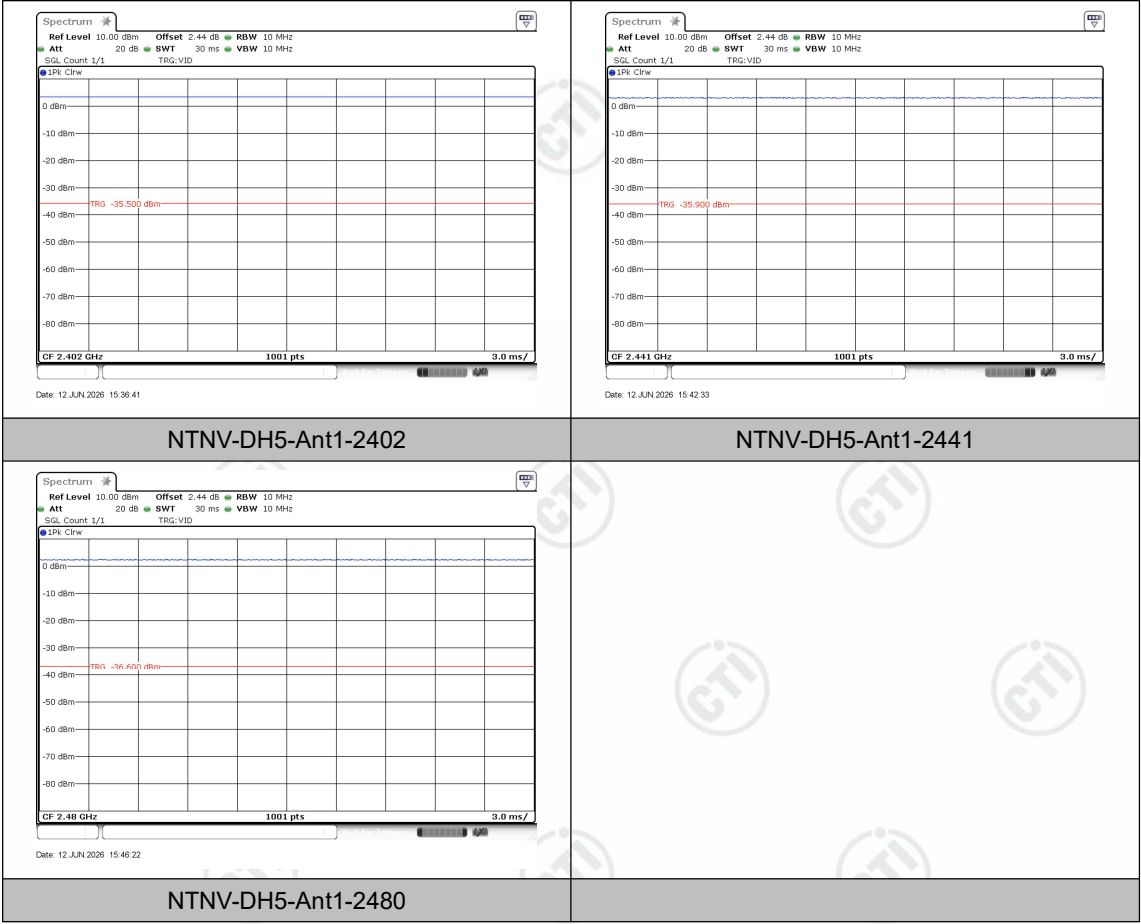


Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	0.00	0.00	100	0
DH5	Ant1	2441	0.00	0.00	100	0
DH5	Ant1	2480	0.00	0.00	100	0

Test Graphs



*** End of Report ***