

Appendix Test Data for BT(BDR/EDR) (Conducted Measurement)

Product Name: Bluetooth keyboard

Trade Mark: N/A

Test Model: BC8627

FCC ID: 2A5H6-BC8627

Environmental Conditions

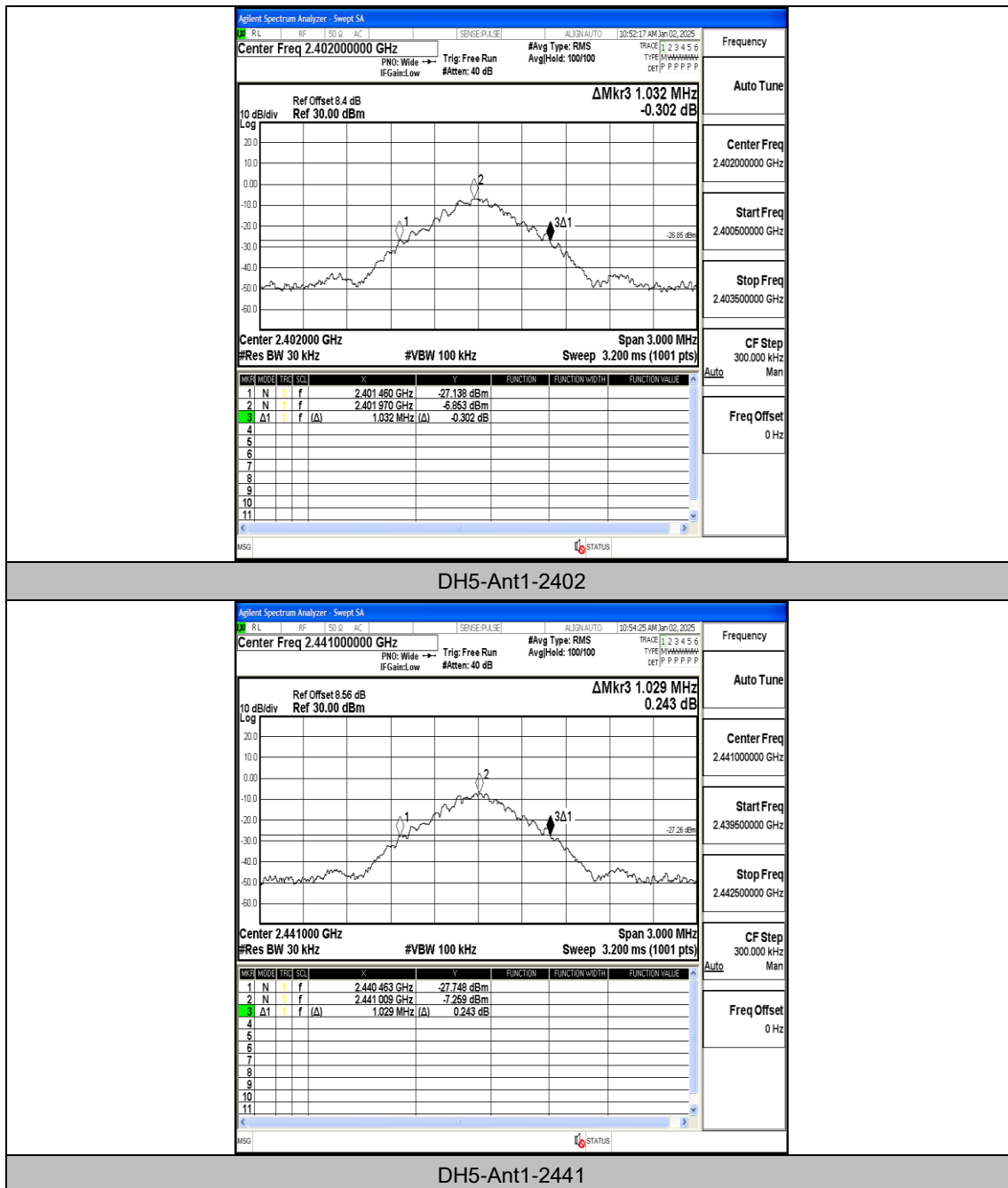
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

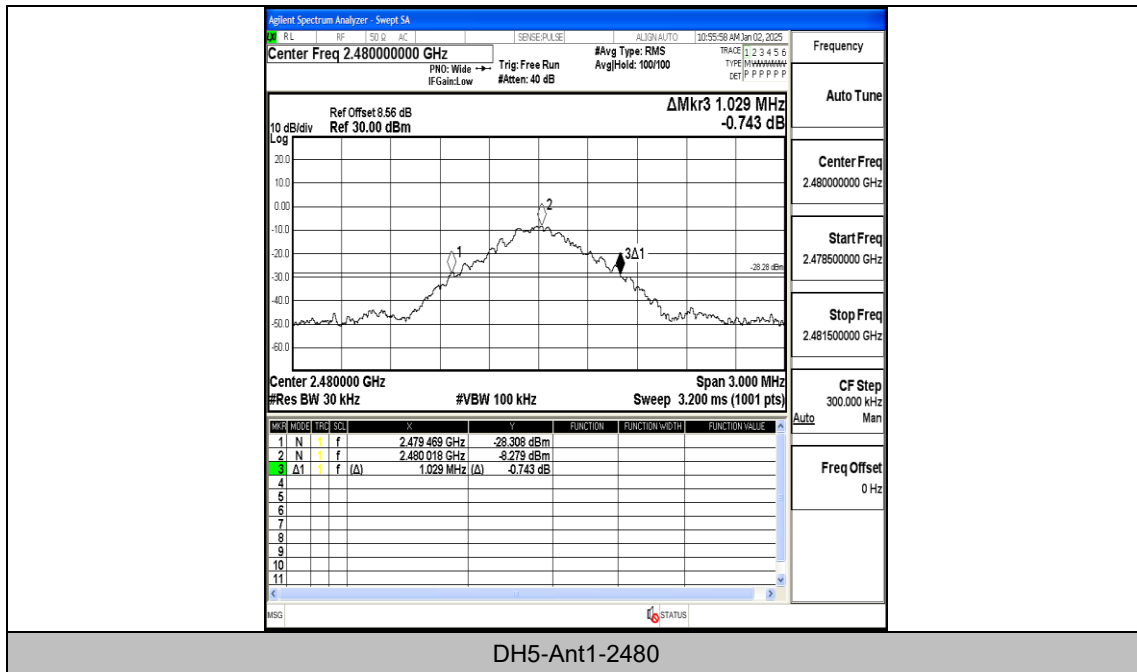
Appendix A: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	1.032	2401.460	2402.492	---	---
DH5	Ant1	2441	1.029	2440.463	2441.492	---	---
DH5	Ant1	2480	1.029	2479.469	2480.498	---	---

Test Graphs



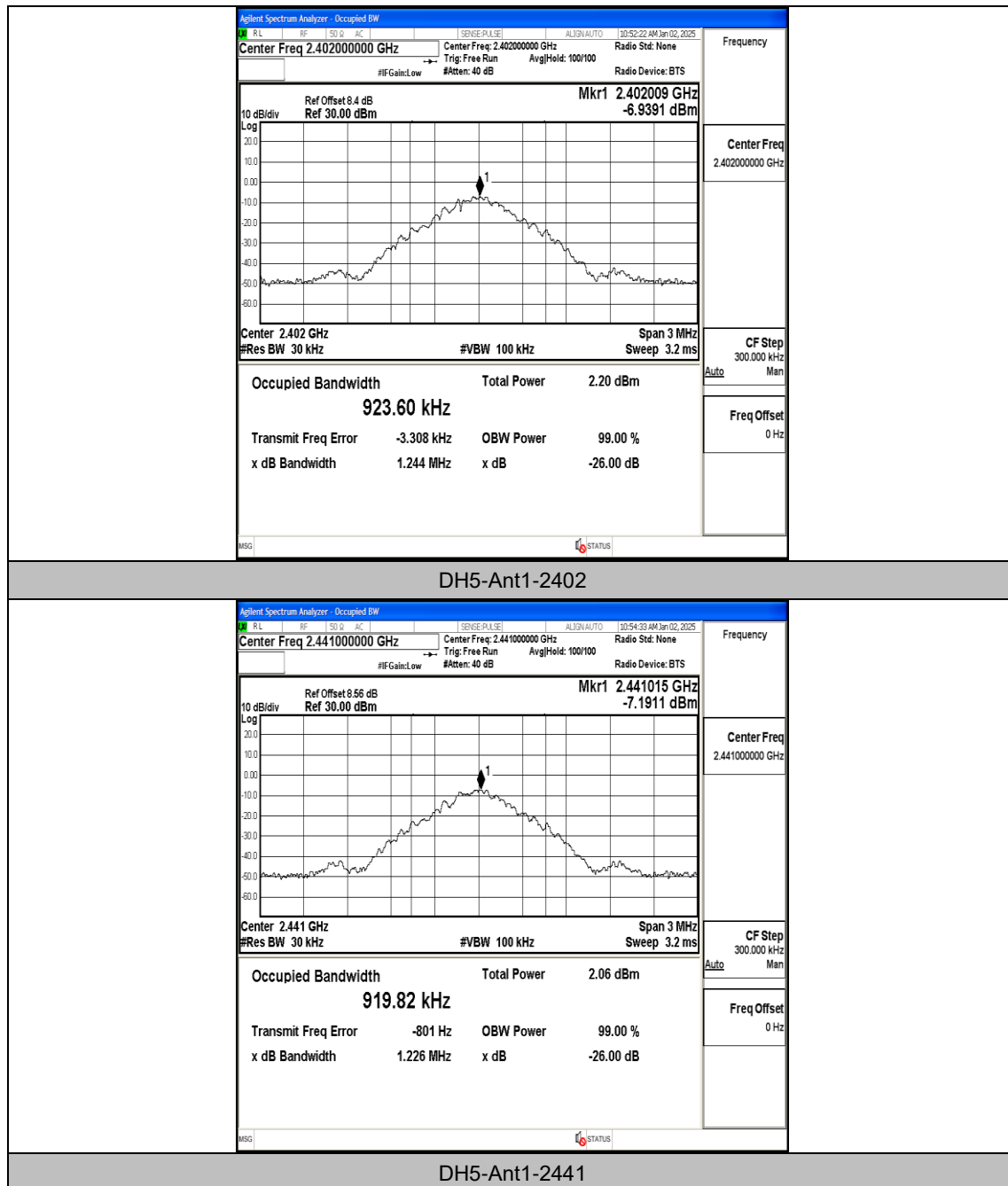


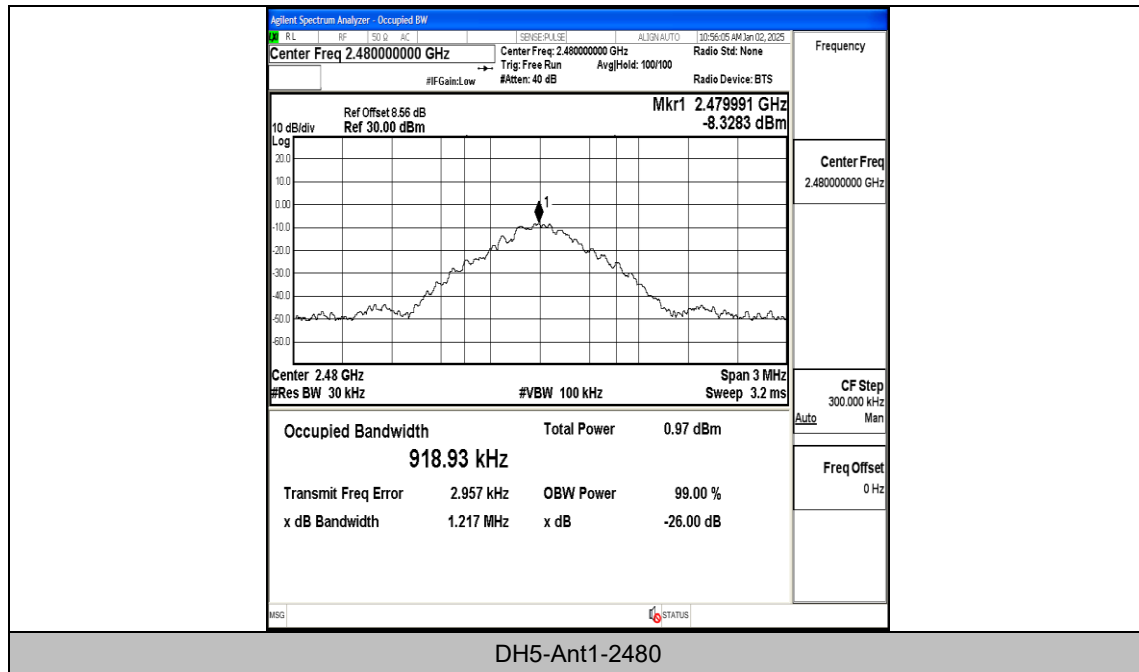
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.92360	2401.5349	2402.4585	---	---
DH5	Ant1	2441	0.91982	2440.5393	2441.4591	---	---
DH5	Ant1	2480	0.91893	2479.5435	2480.4624	---	---

Test Graphs



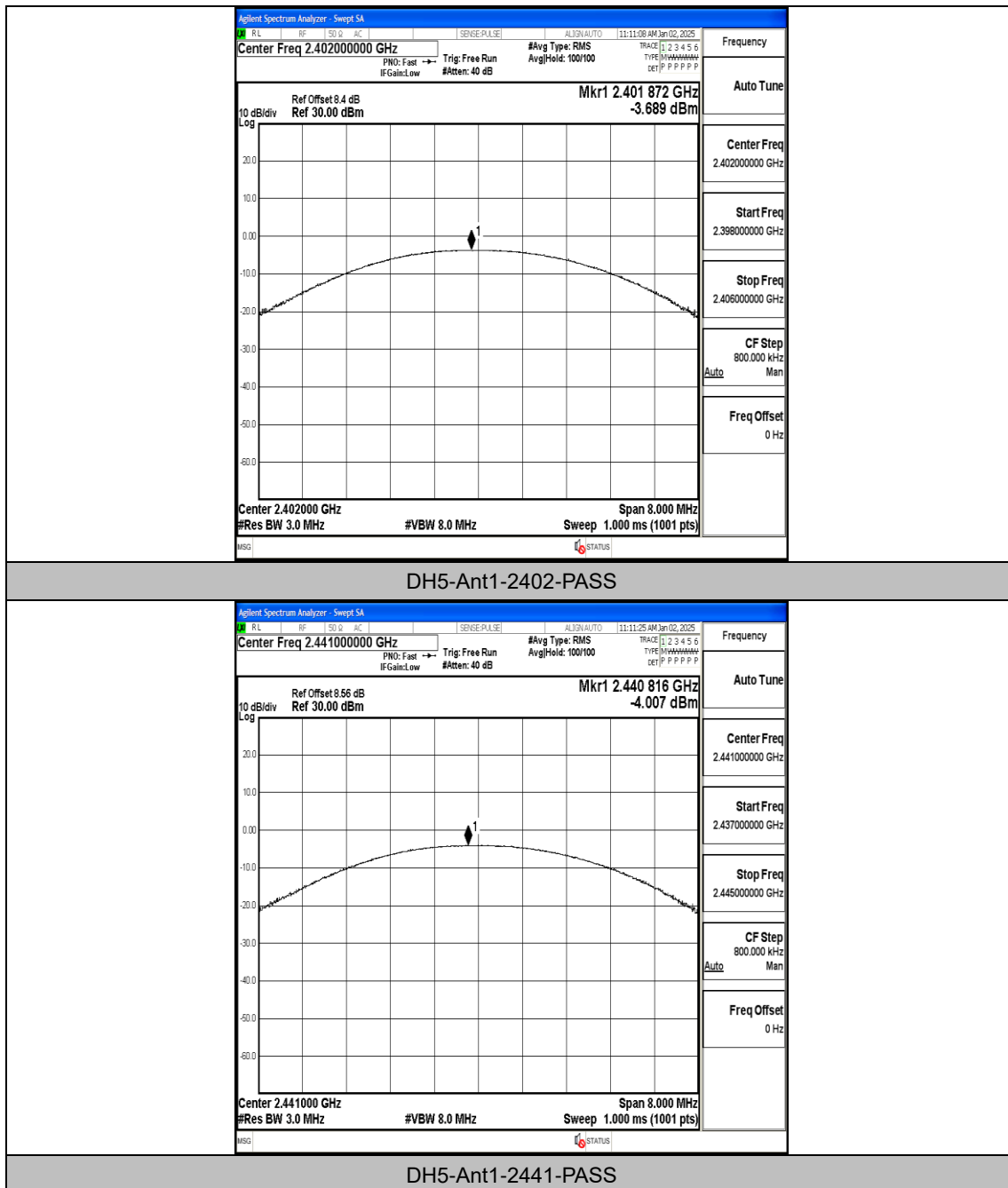


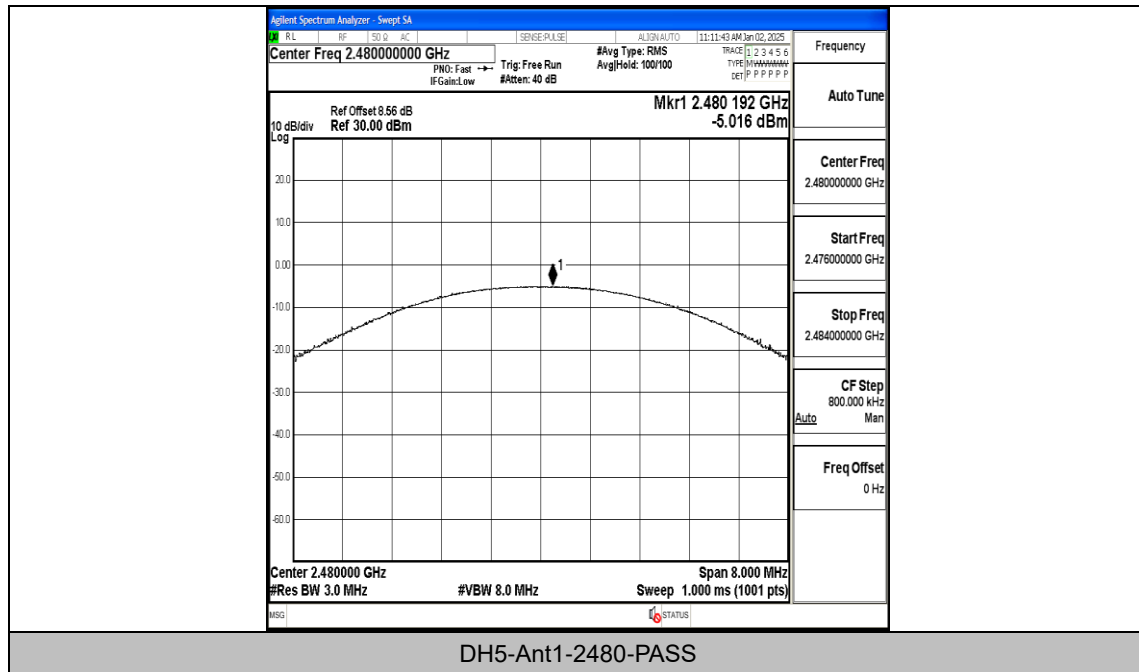
Appendix C: Maximum peak conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
DH5	Ant1	2402	-3.69	≤20.97	PASS
DH5	Ant1	2441	-4.01	≤20.97	PASS
DH5	Ant1	2480	-5.02	≤20.97	PASS

Test Graphs

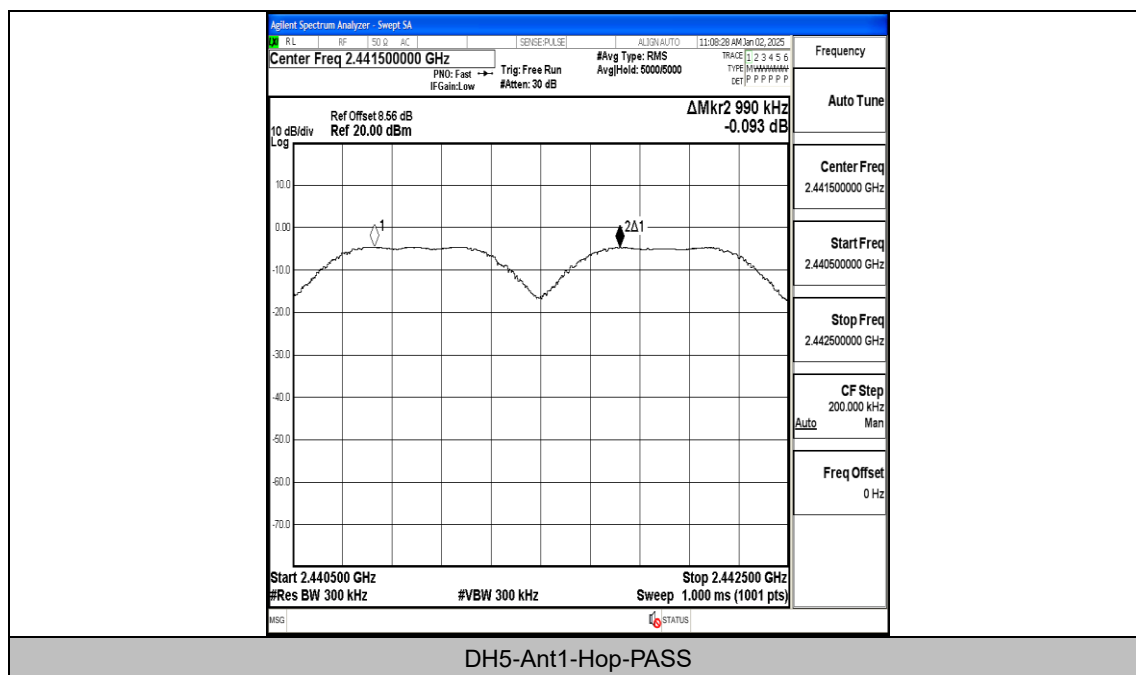




Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	0.99	≥0.688	PASS

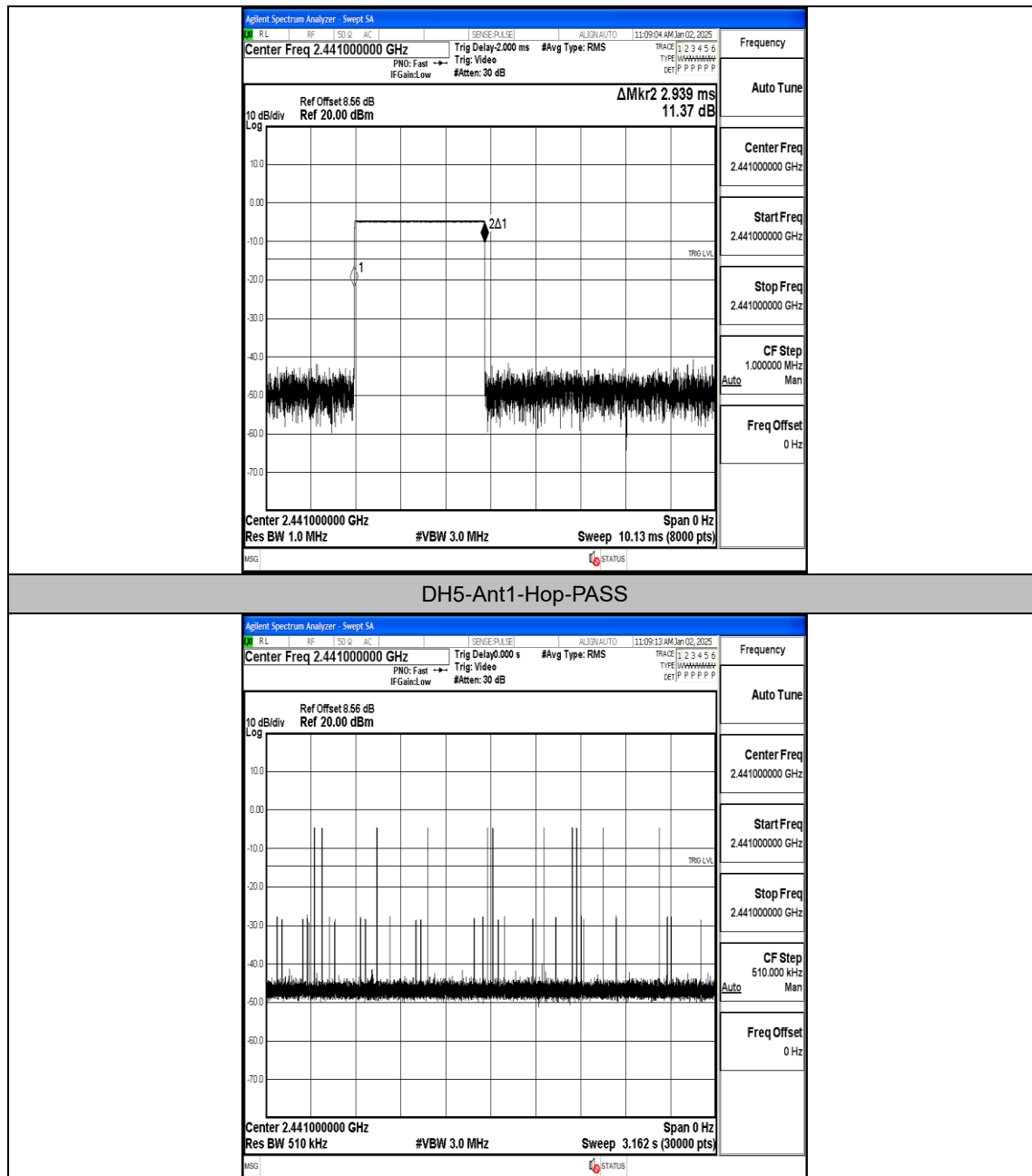


Appendix E: Time of occupancy

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	TotalHops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.939	120	0.353	≤0.4	PASS

Test Graphs

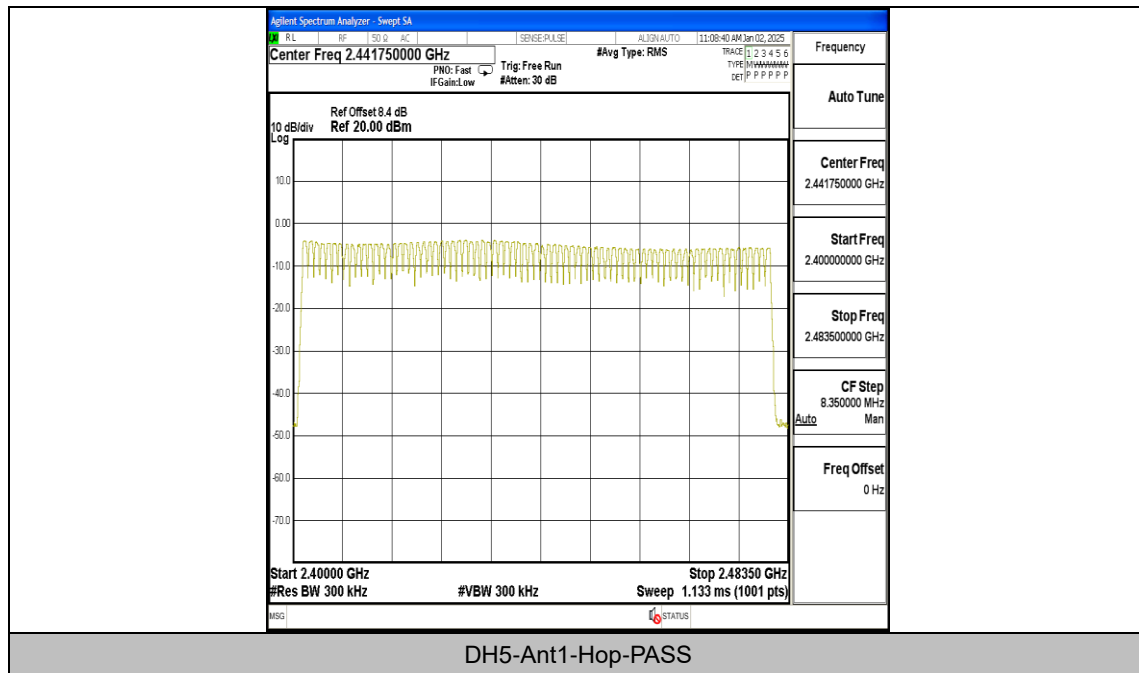


Appendix F: Number of hopping channels

Test Result

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

Test Graphs

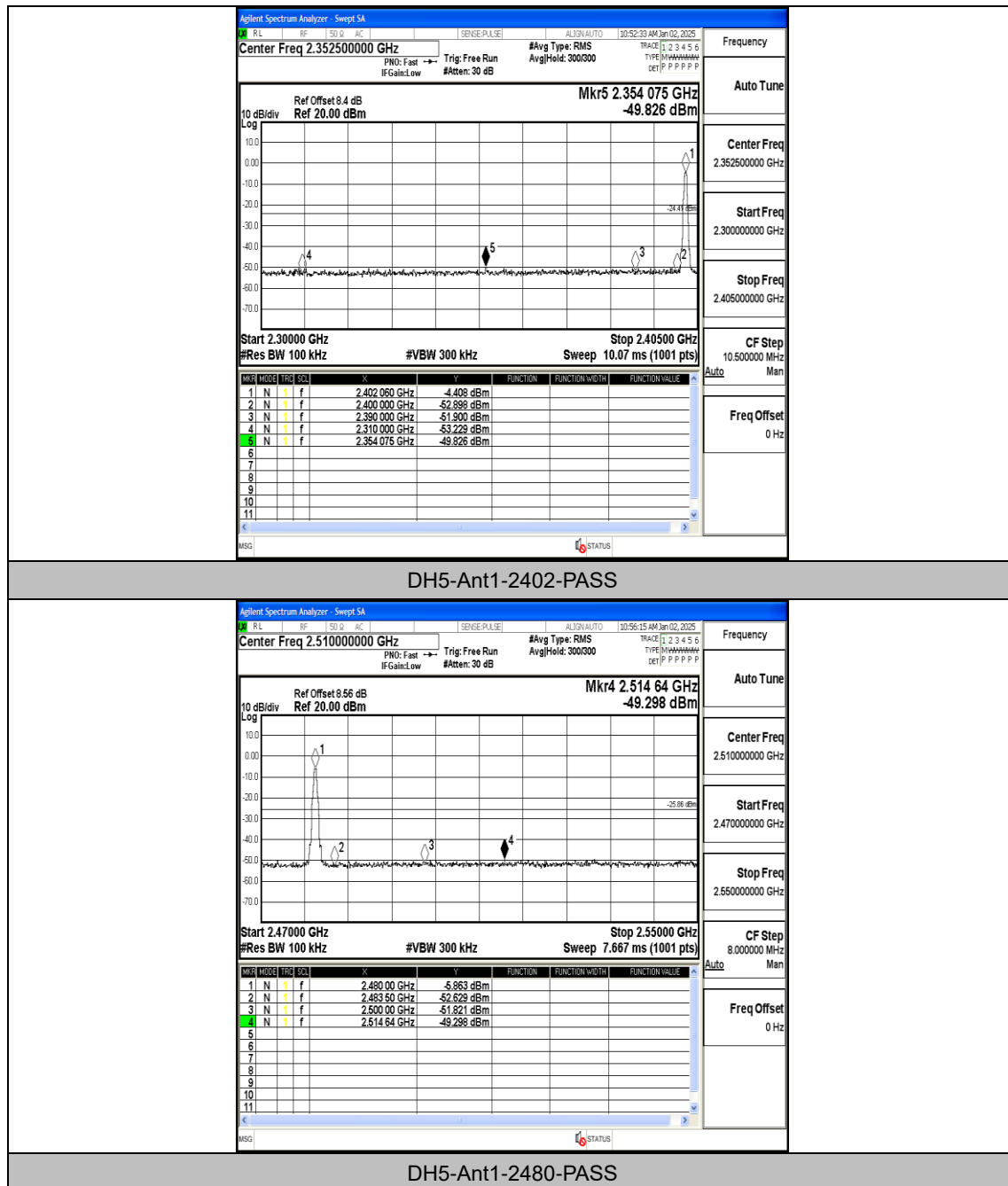


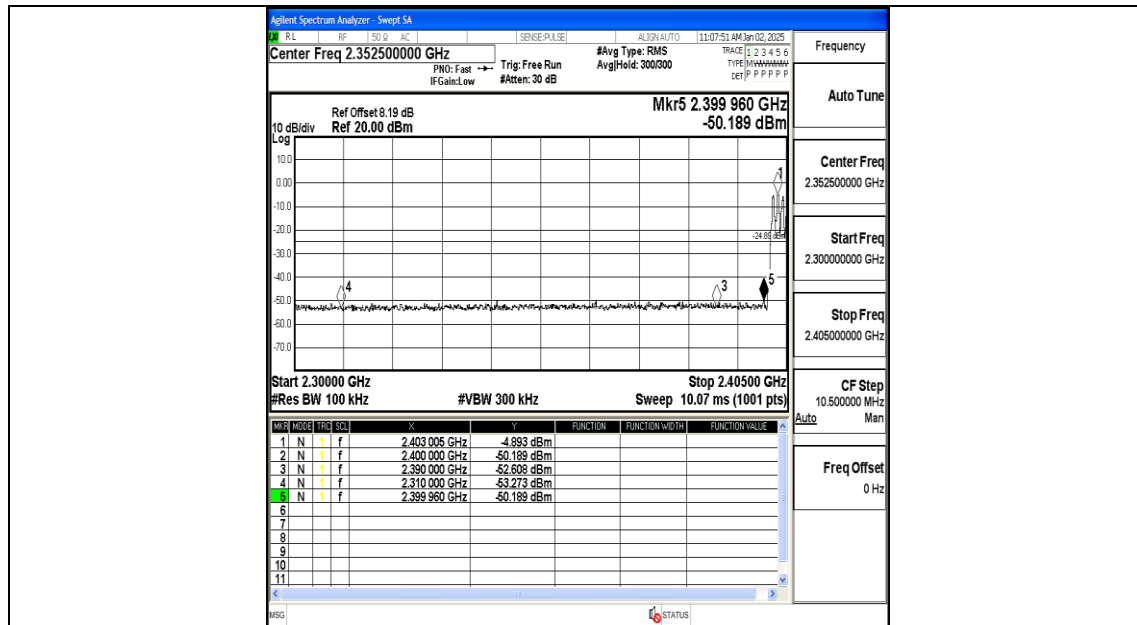
Appendix G: Band edge measurements

Test Result

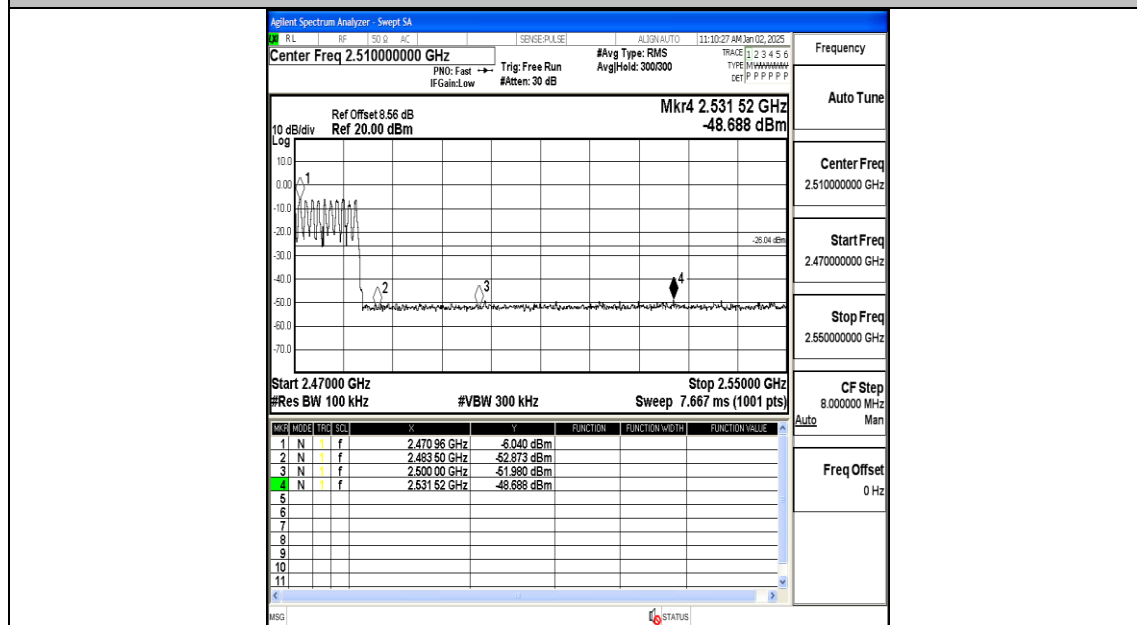
Test Mode	Antenna	Ch.Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.41	-49.83	≤ -24.41	PASS
DH5	Ant1	High	2480	-5.86	-49.3	≤ -25.86	PASS
DH5	Ant1	Low	Hop_2402	-4.89	-50.19	≤ -24.89	PASS
DH5	Ant1	High	Hop_2480	-6.04	-48.69	≤ -26.04	PASS

Test Graphs





DH5-Ant1-Hop_2402-PASS



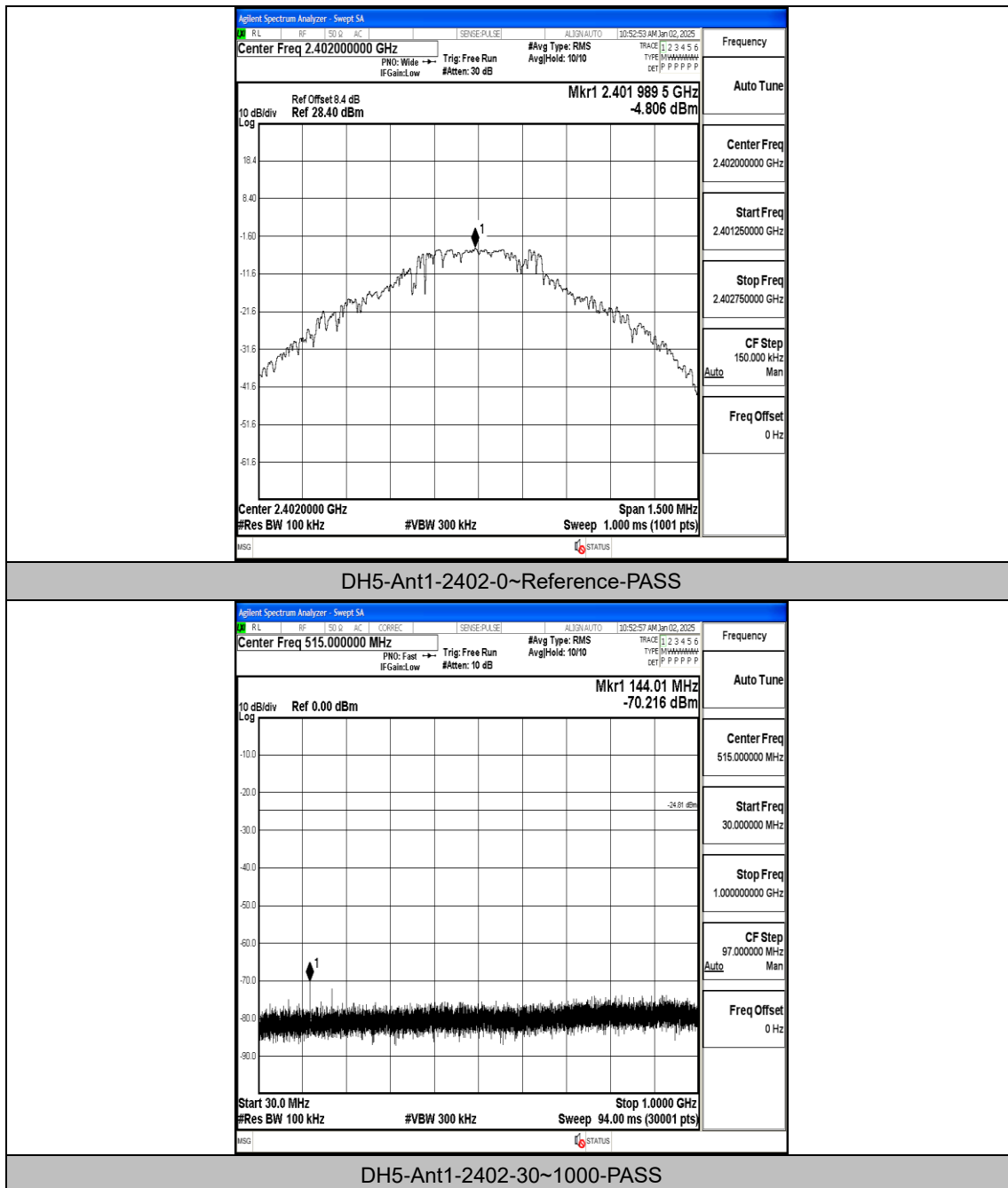
DH5-Ant1-Hop_2480-PASS

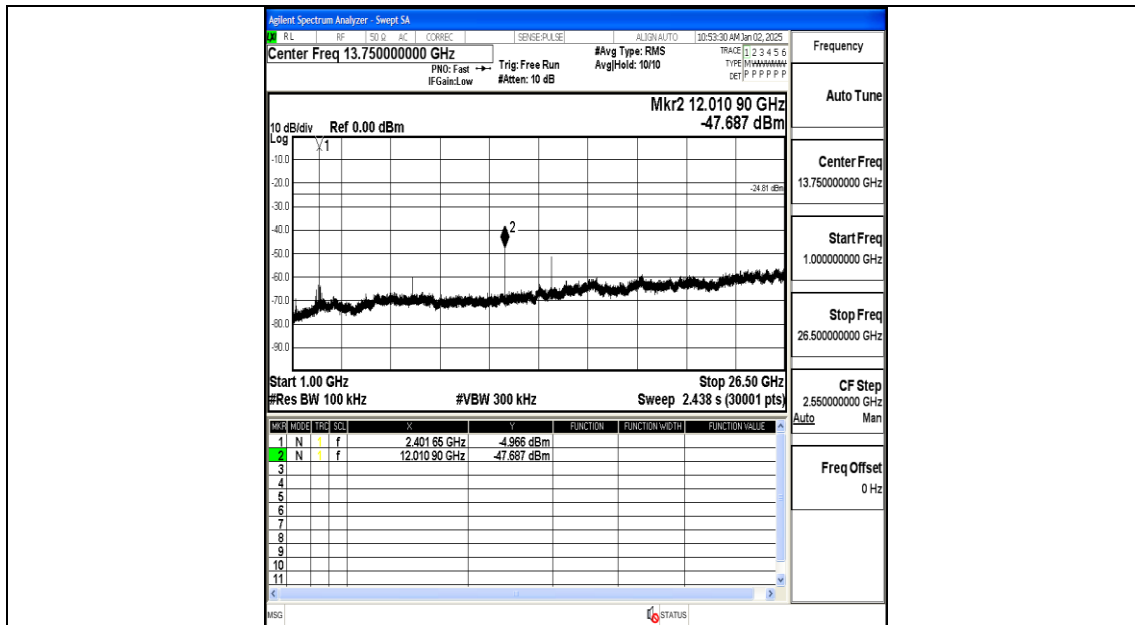
Appendix H: Conducted Spurious Emission

Test Result

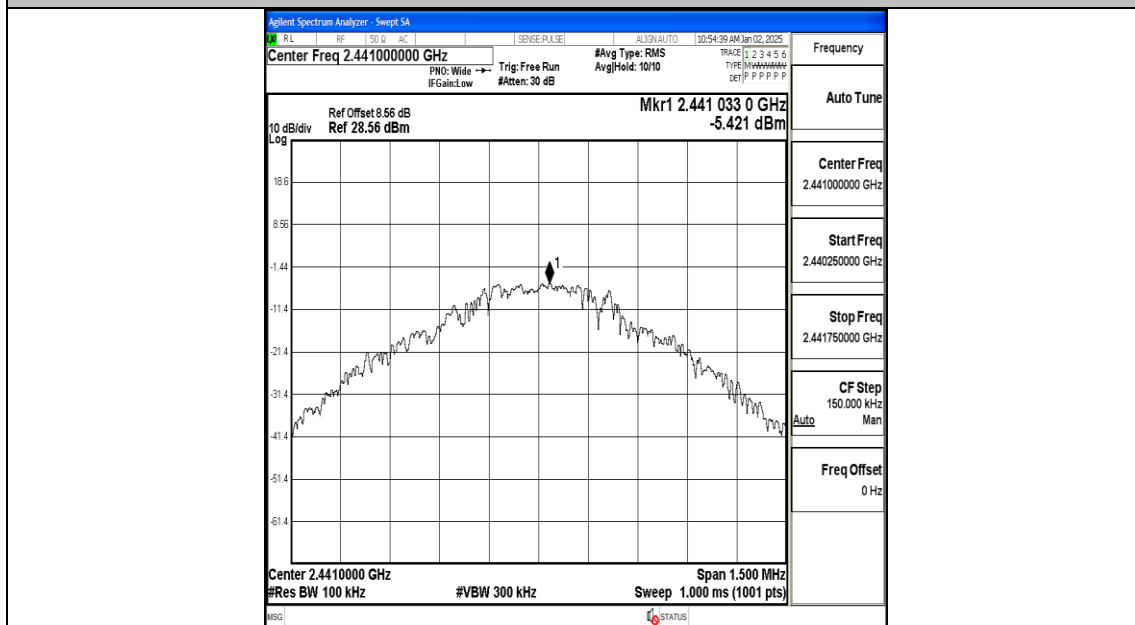
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-4.81	-4.81	---	PASS
DH5	Ant1	2402	30~1000	-4.81	-70.22	≤-24.81	PASS
DH5	Ant1	2402	1000~26500	-4.81	-47.69	≤-24.81	PASS
DH5	Ant1	2441	0~Reference	-5.42	-5.42	---	PASS
DH5	Ant1	2441	30~1000	-5.42	-69.76	≤-25.42	PASS
DH5	Ant1	2441	1000~26500	-5.42	-46.82	≤-25.42	PASS
DH5	Ant1	2480	0~Reference	-6.36	-6.36	---	PASS
DH5	Ant1	2480	30~1000	-6.36	-70.19	≤-26.36	PASS
DH5	Ant1	2480	1000~26500	-6.36	-49.6	≤-26.36	PASS

Test Graphs

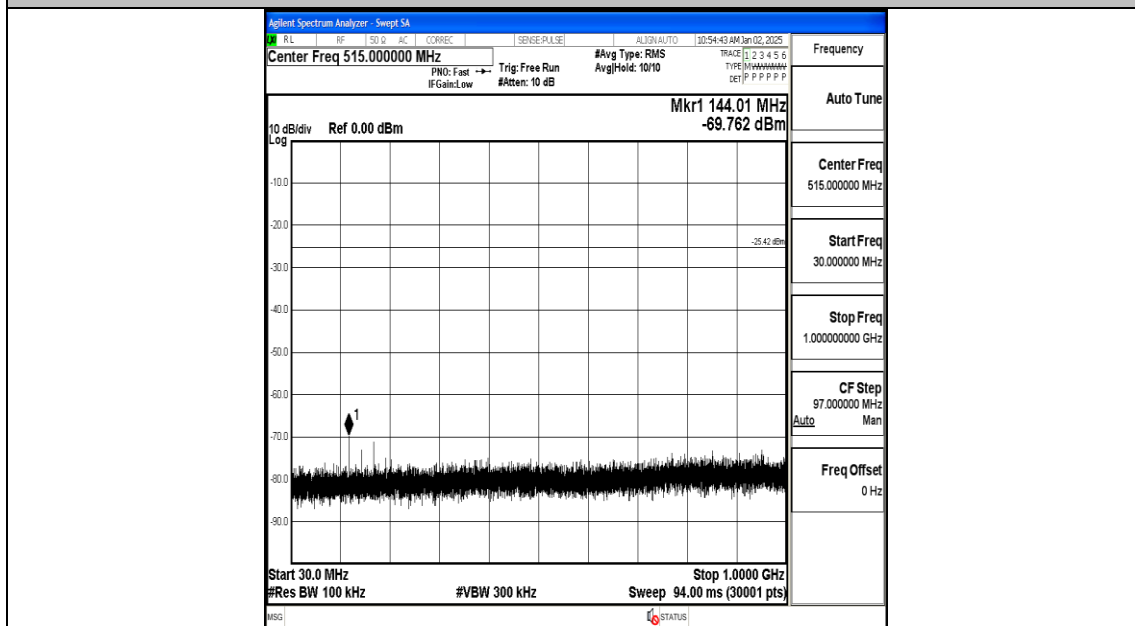




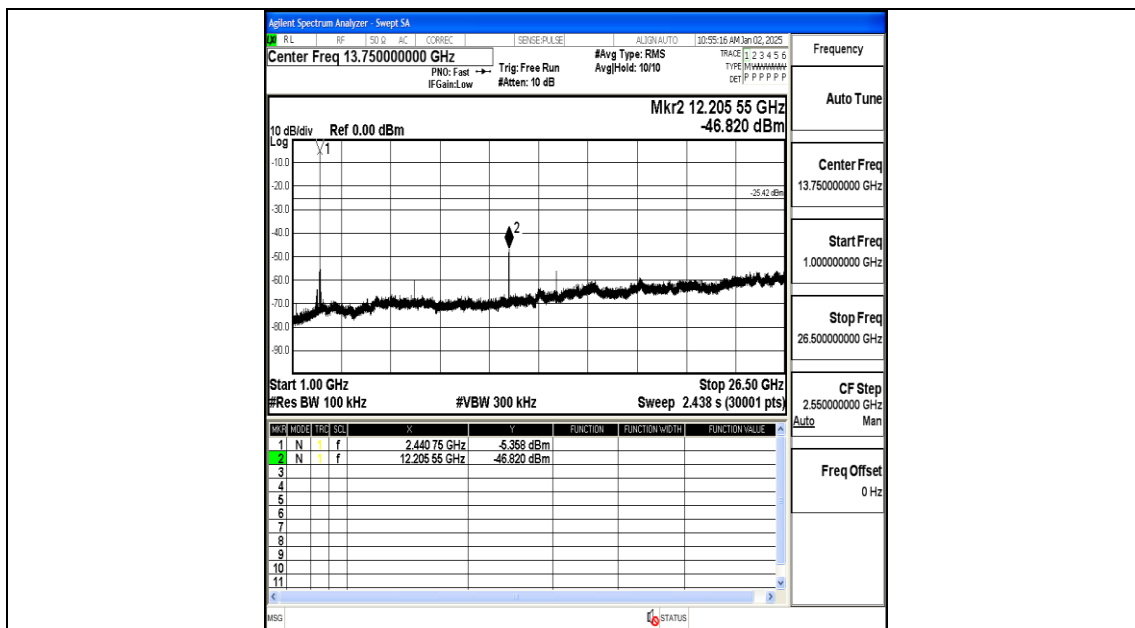
DH5-Ant1-2402-1000~26500-PASS



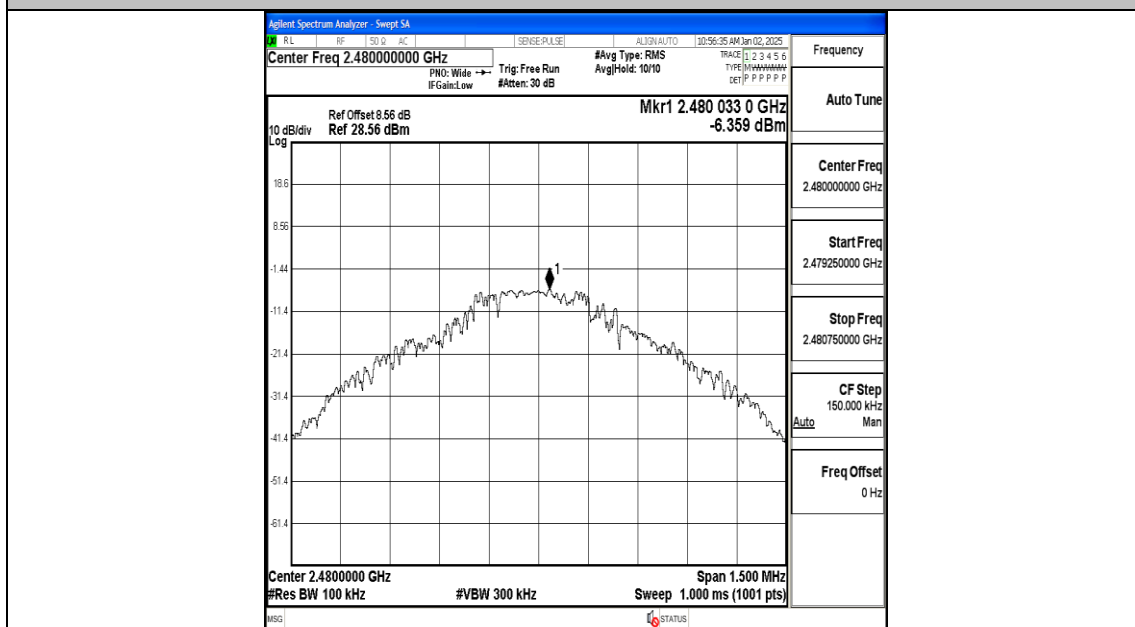
DH5-Ant1-2441-0~Reference-PASS



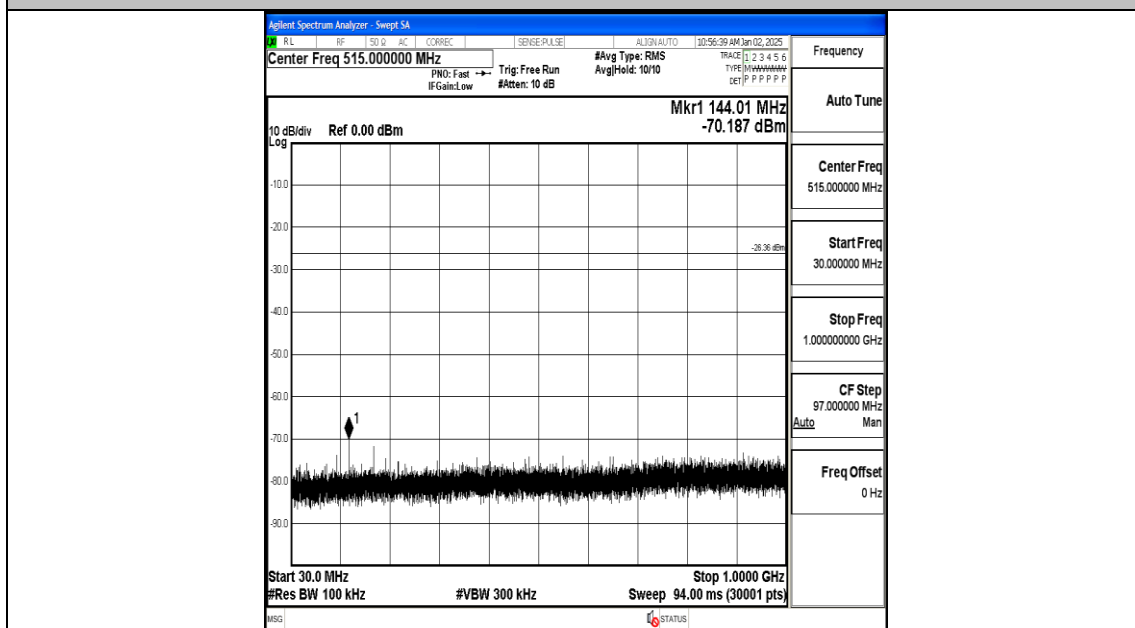
DH5-Ant1-2441-30~1000-PASS



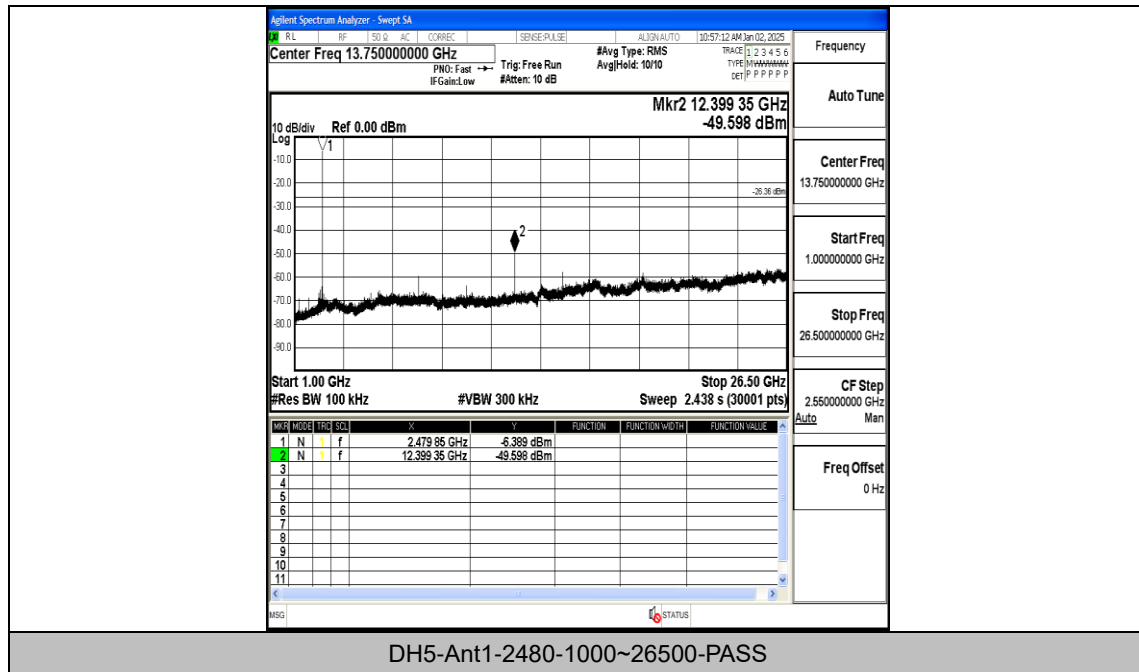
DH5-Ant1-2441-1000~26500-PASS



DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS



Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor [dB]
DH5	Ant1	2402	10.00	10.00	100.00	0.00
DH5	Ant1	2441	10.00	10.00	100.00	0.00
DH5	Ant1	2480	10.00	10.00	100.00	0.00

Test Graphs

