

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

Product Name: Bluetooth Keyboard

Trade Mark: Dexnor

Test Model: DK006

FCC ID: 2BA3T-DK006

Environmental Conditions

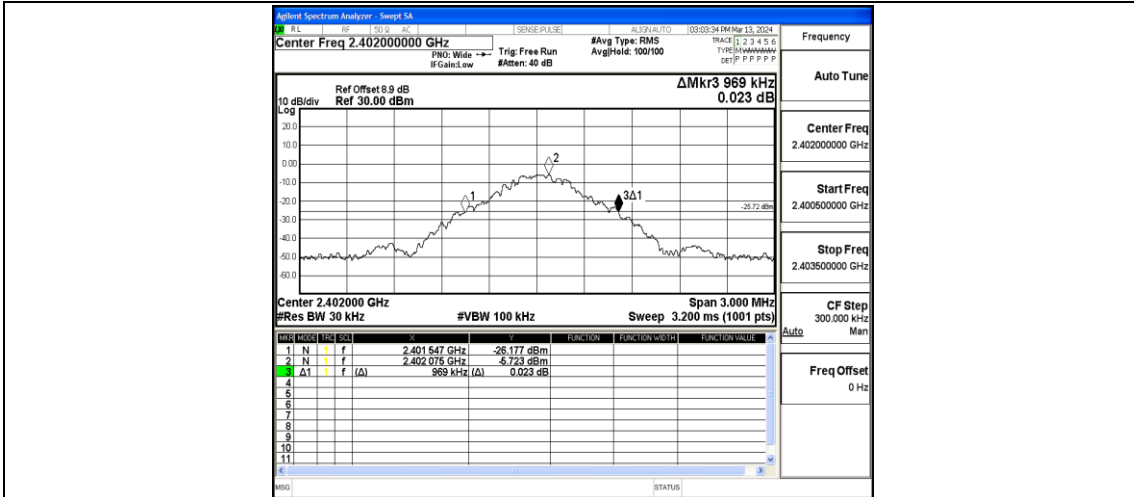
Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: 20dB Emission Bandwidth

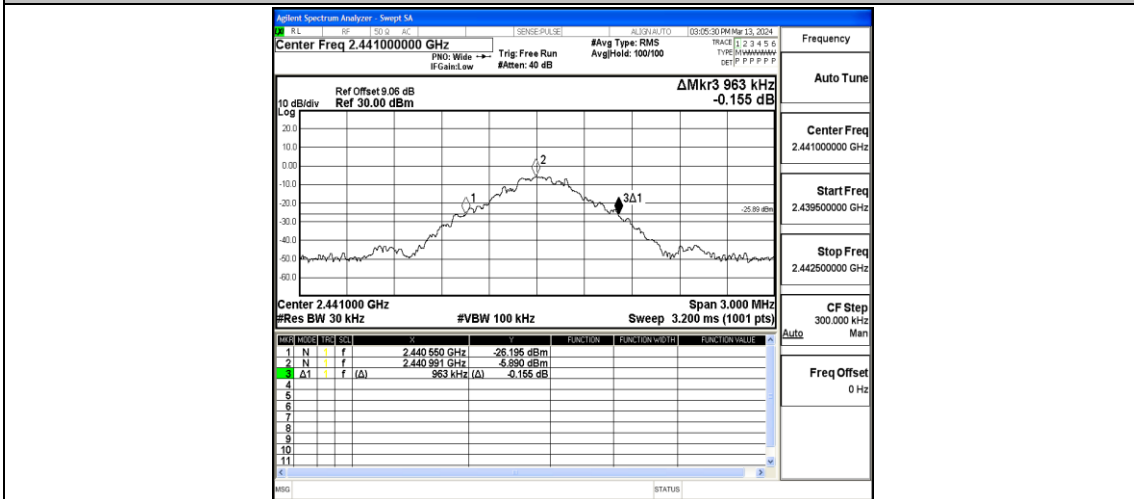
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.969	2401.547	2402.516	---	---
DH5	Ant1	2441	0.963	2440.550	2441.513	---	---
DH5	Ant1	2480	0.960	2479.550	2480.510	---	---

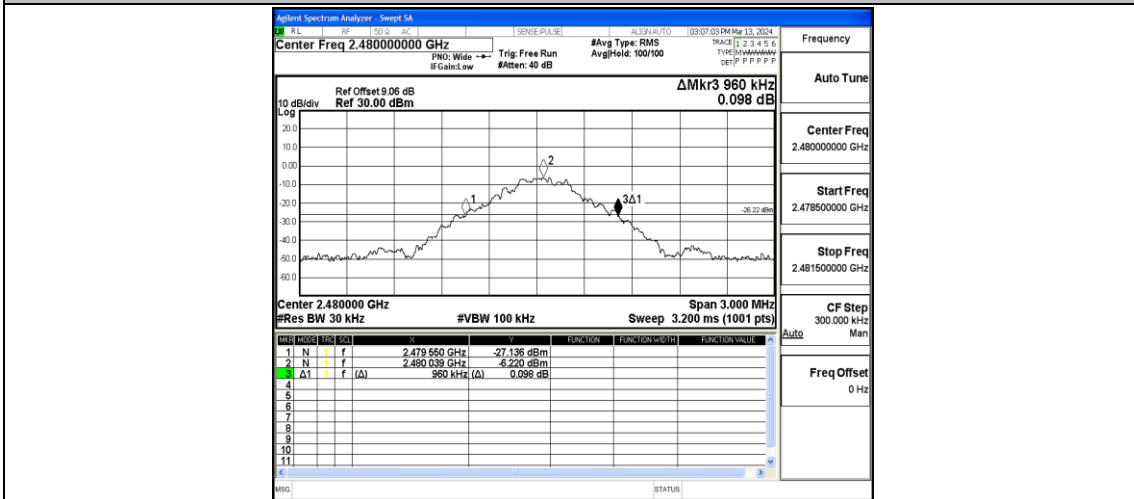
Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



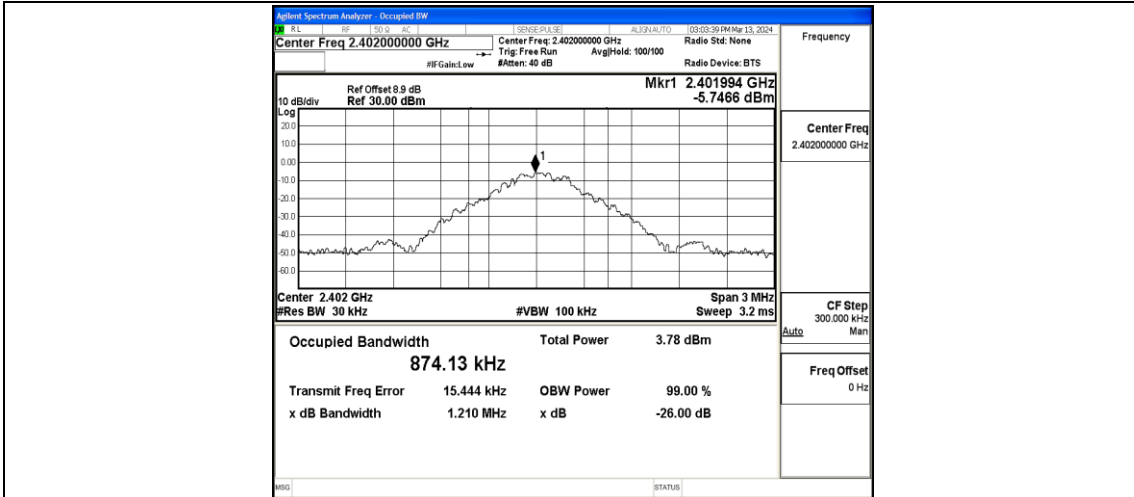
DH5-Ant1-2480

Appendix B: Occupied Channel Bandwidth

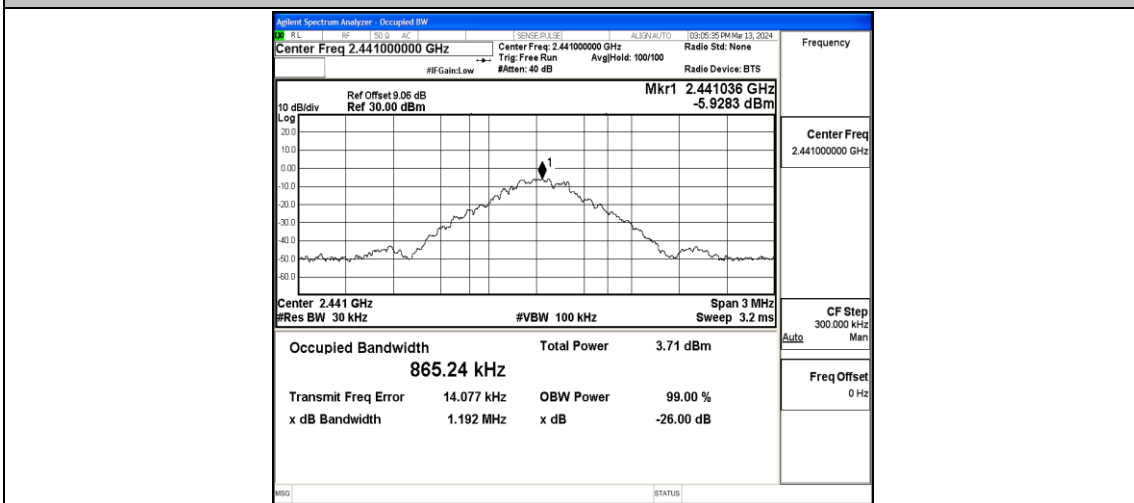
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87413	2401.5784	2402.4525	---	---
DH5	Ant1	2441	0.86524	2440.5815	2441.4467	---	---
DH5	Ant1	2480	0.87704	2479.5787	2480.4558	---	---

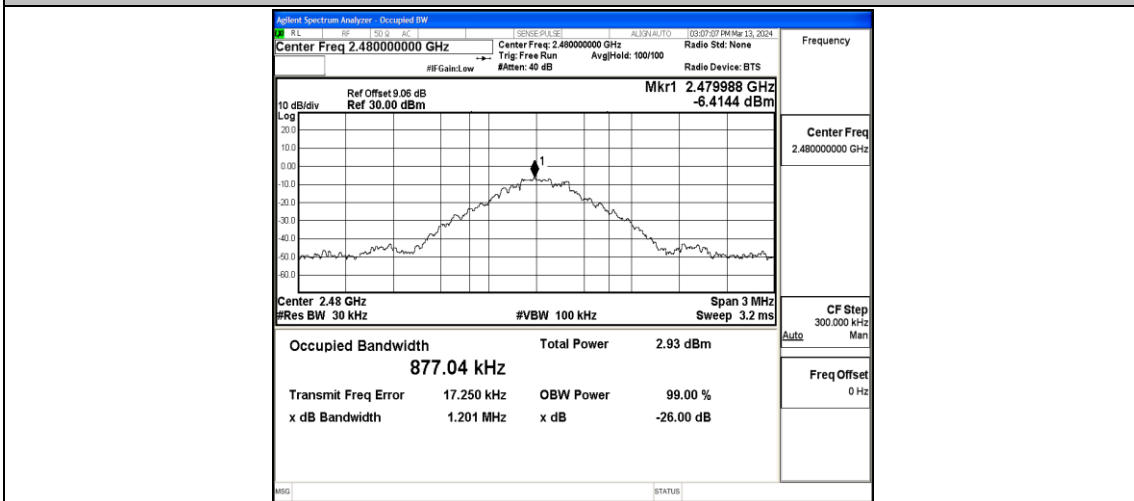
Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



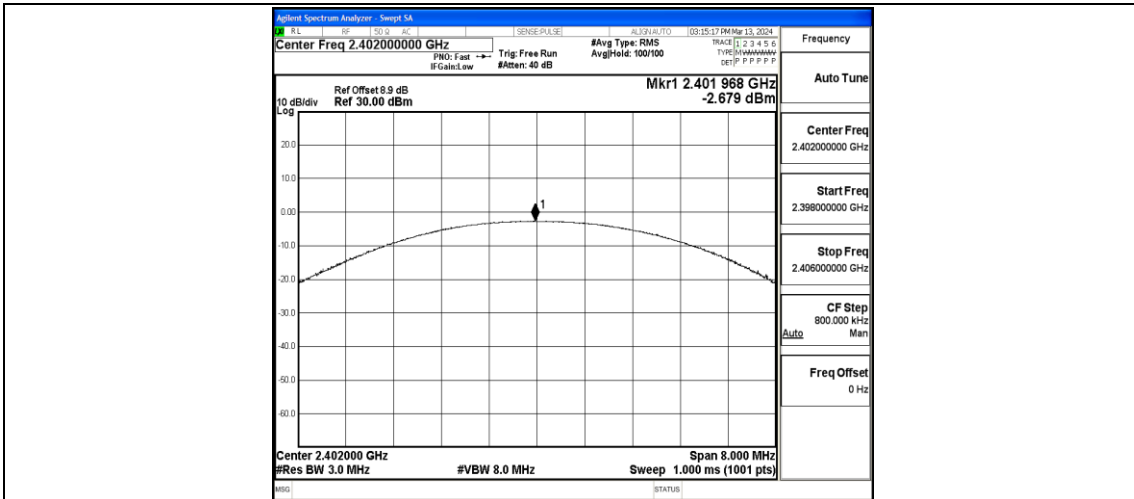
DH5-Ant1-2480

Appendix C: Maximum peak conducted output power

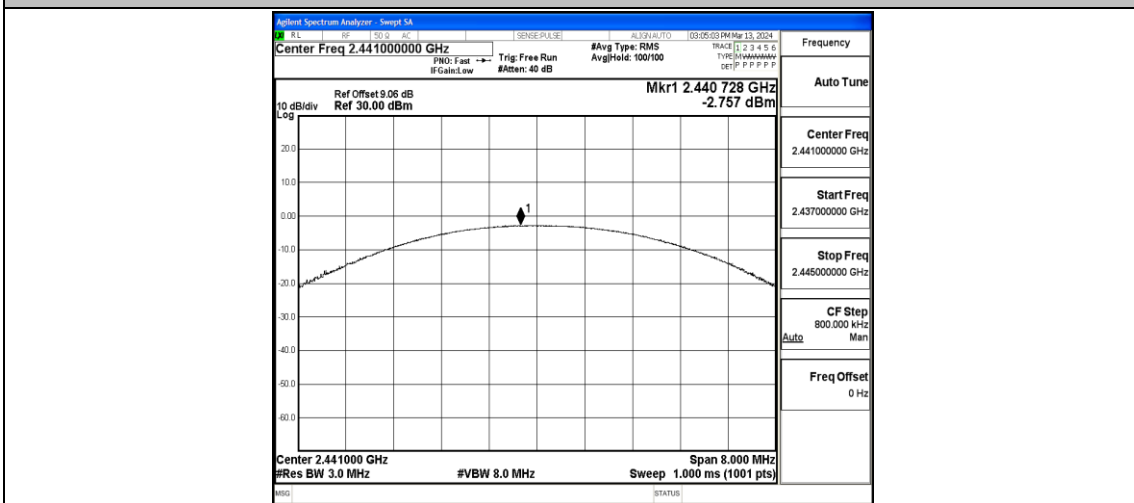
Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-2.68	≤20.97	PASS
DH5	Ant1	2441	-2.76	≤20.97	PASS
DH5	Ant1	2480	-3.23	≤20.97	PASS

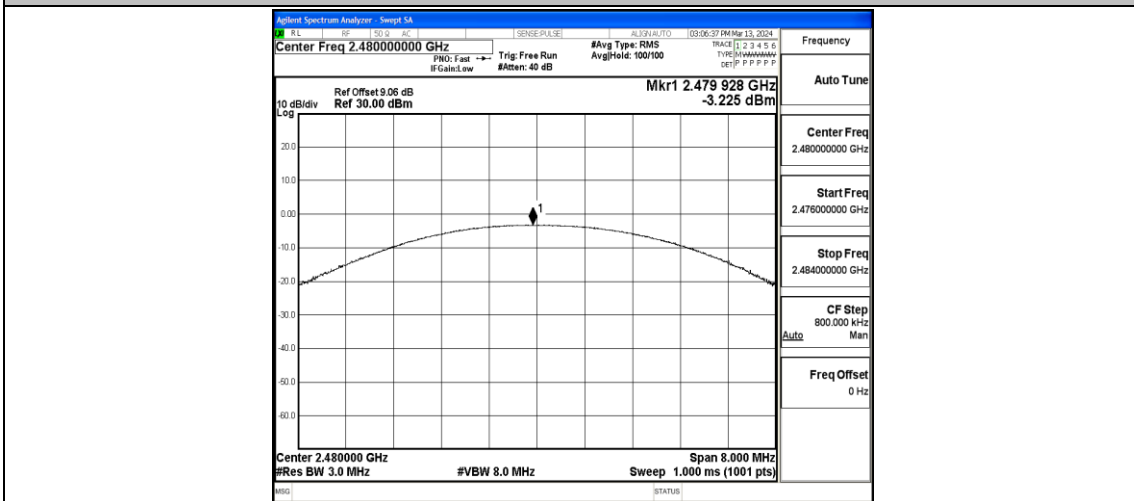
Test Graphs



DH5-Ant1-2402-PASS



DH5-Ant1-2441-PASS



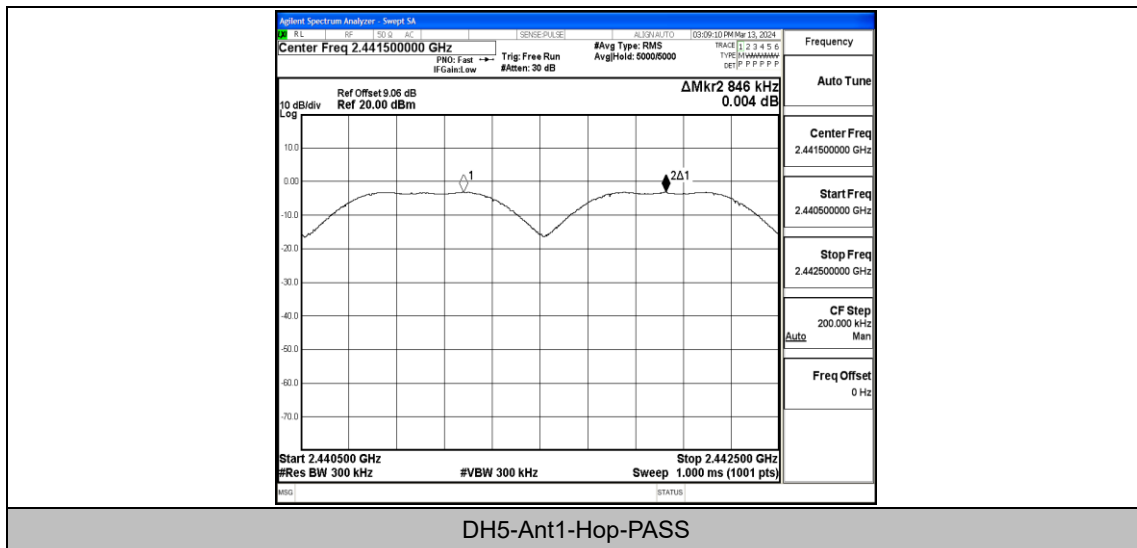
DH5-Ant1-2480-PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.846	≥ 0.646	PASS

Test Graphs

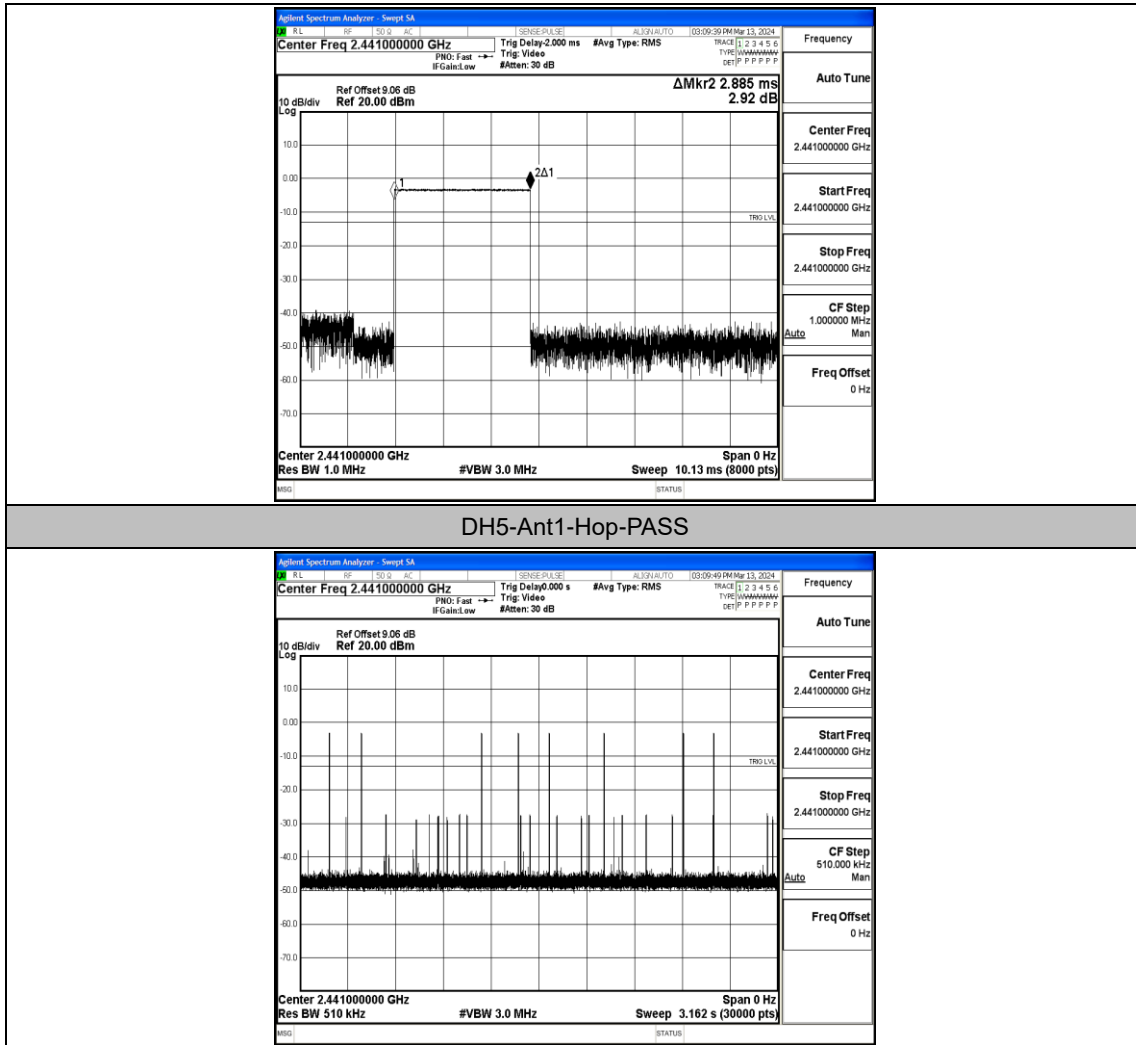


Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.885	90	0.26	≤0.4	PASS

Test Graphs

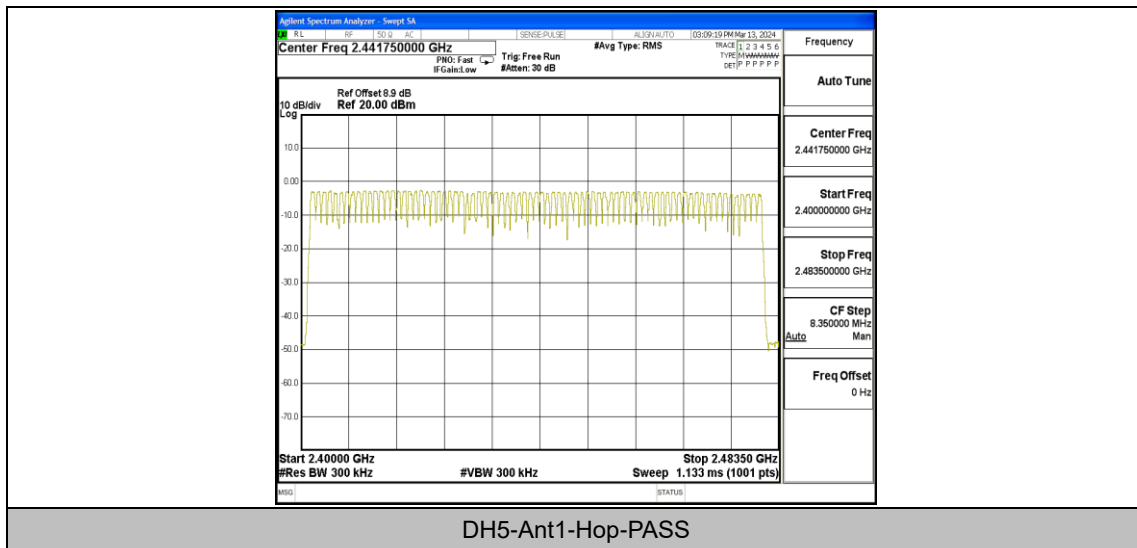


Appendix F: Number of hopping channels

Test Result

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

Test Graphs

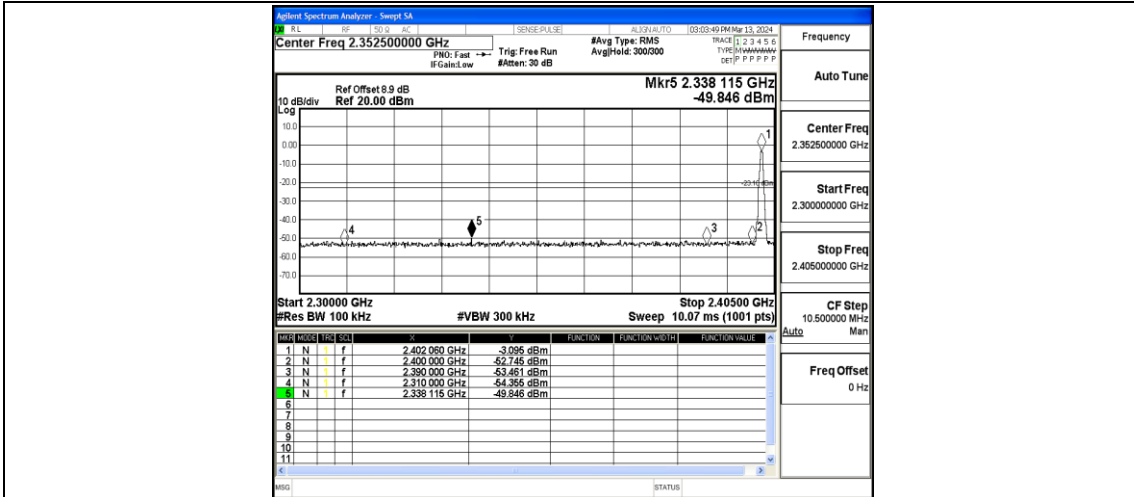


Appendix G: Band edge measurements

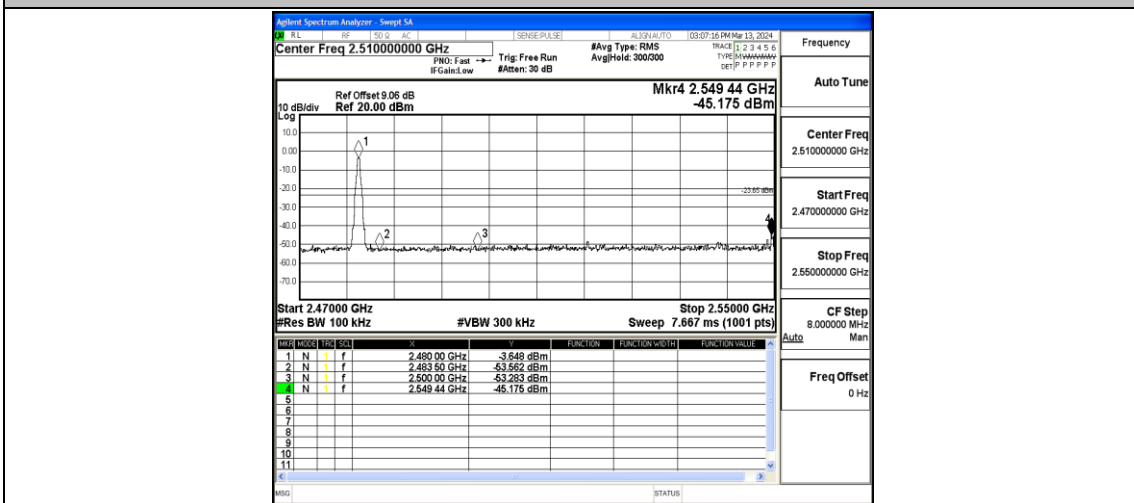
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-3.10	-49.85	≤-23.1	PASS
DH5	Ant1	High	2480	-3.65	-45.18	≤-23.65	PASS
DH5	Ant1	Low	Hop_2402	-4.17	-50.62	≤-24.17	PASS
DH5	Ant1	High	Hop_2480	-3.99	-46.35	≤-23.99	PASS

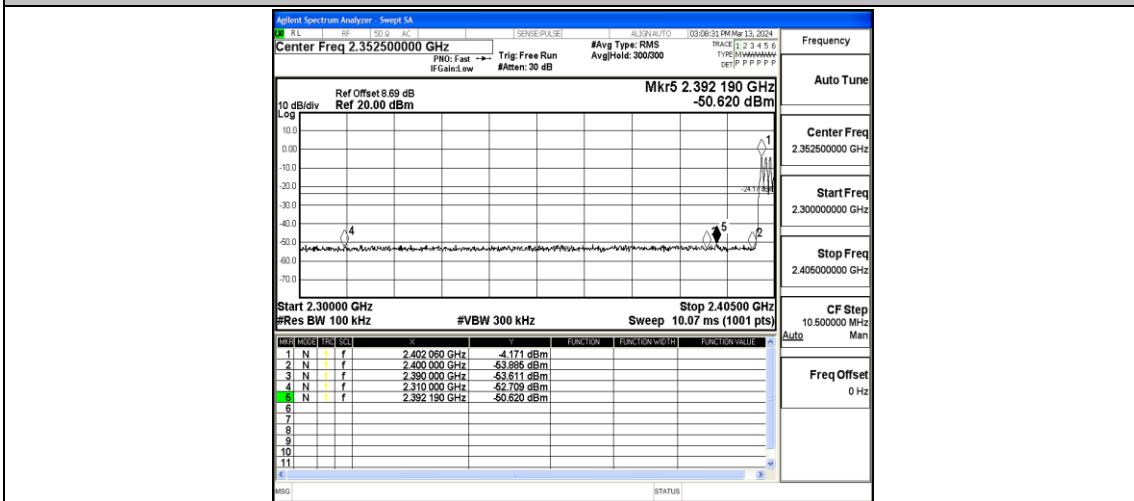
Test Graphs



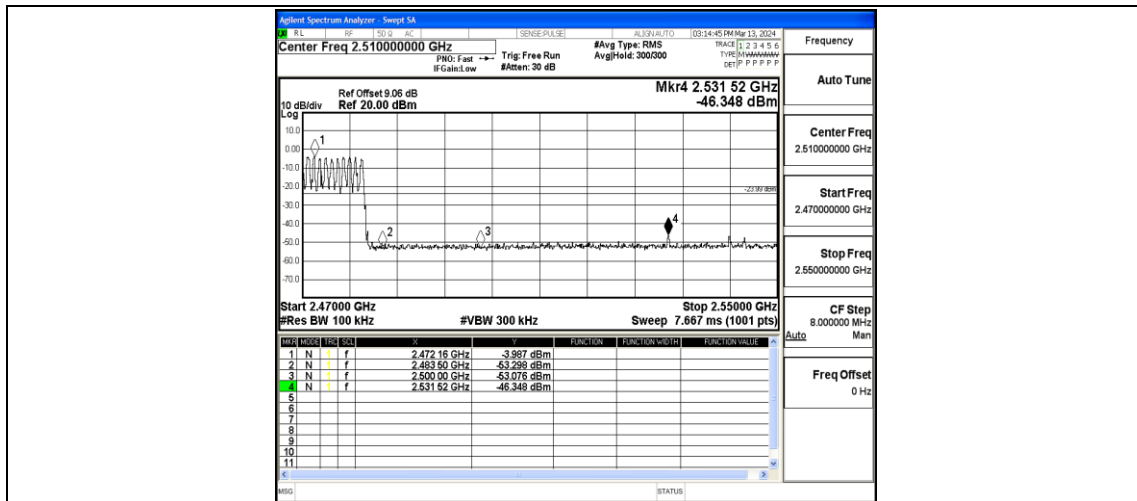
DH5-Ant1-2402-PASS



DH5-Ant1-2480-PASS



DH5-Ant1-Hop_2402-PASS



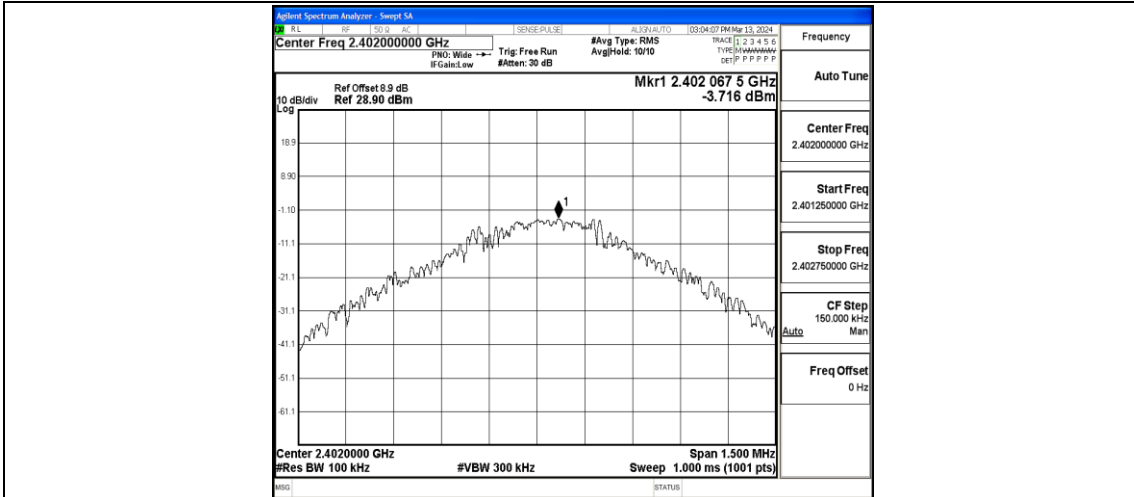
DH5-Ant1-Hop_2480-PASS

Appendix H: Conducted Spurious Emission

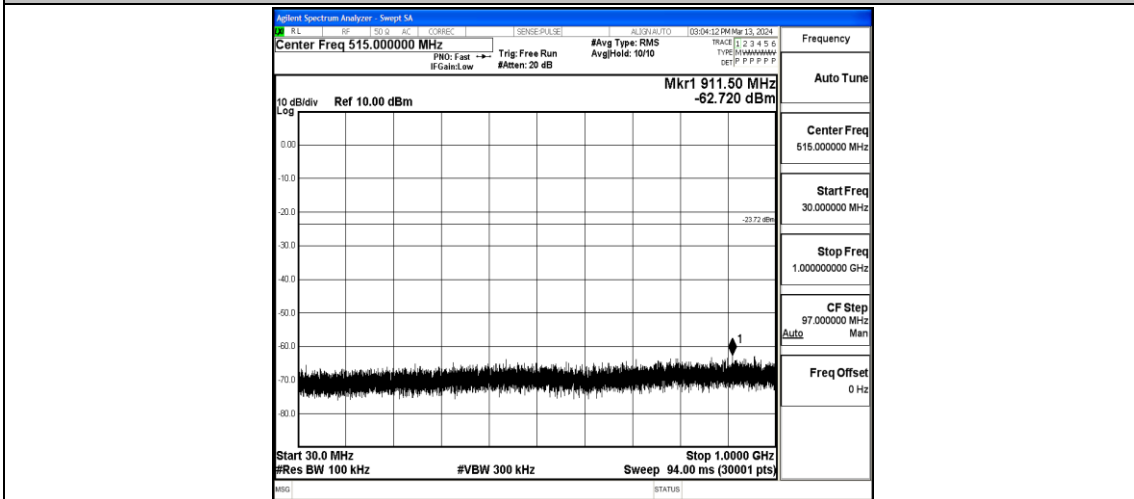
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-3.72	-3.72	---	PASS
DH5	Ant1	2402	30~1000	-3.72	-62.72	≤-23.72	PASS
DH5	Ant1	2402	1000~26500	-3.72	-51.34	≤-23.72	PASS
DH5	Ant1	2441	0~Reference	-4.05	-4.05	---	PASS
DH5	Ant1	2441	30~1000	-4.05	-63.66	≤-24.05	PASS
DH5	Ant1	2441	1000~26500	-4.05	-49.52	≤-24.05	PASS
DH5	Ant1	2480	0~Reference	-4.45	-4.45	---	PASS
DH5	Ant1	2480	30~1000	-4.45	-63.09	≤-24.45	PASS
DH5	Ant1	2480	1000~26500	-4.45	-50.55	≤-24.45	PASS

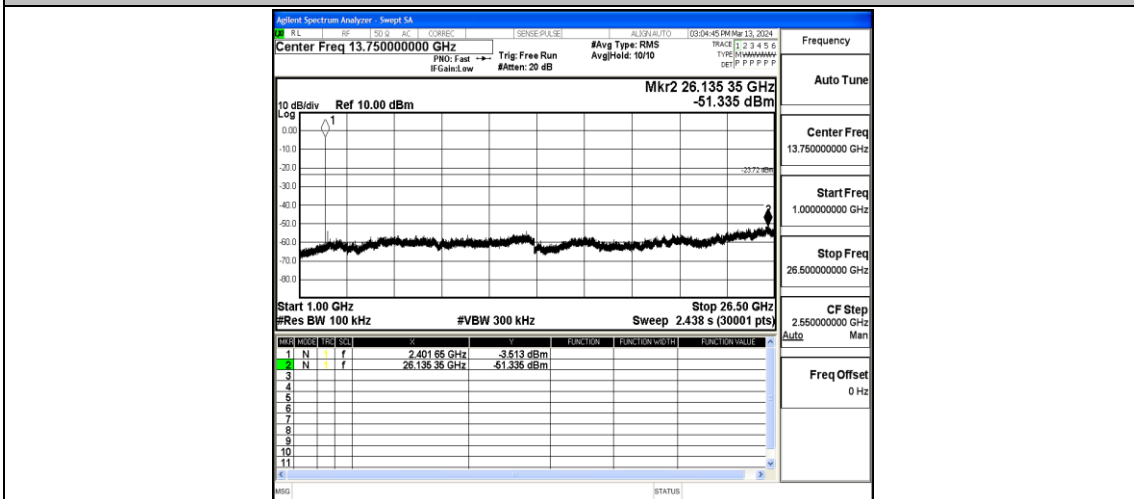
Test Graphs



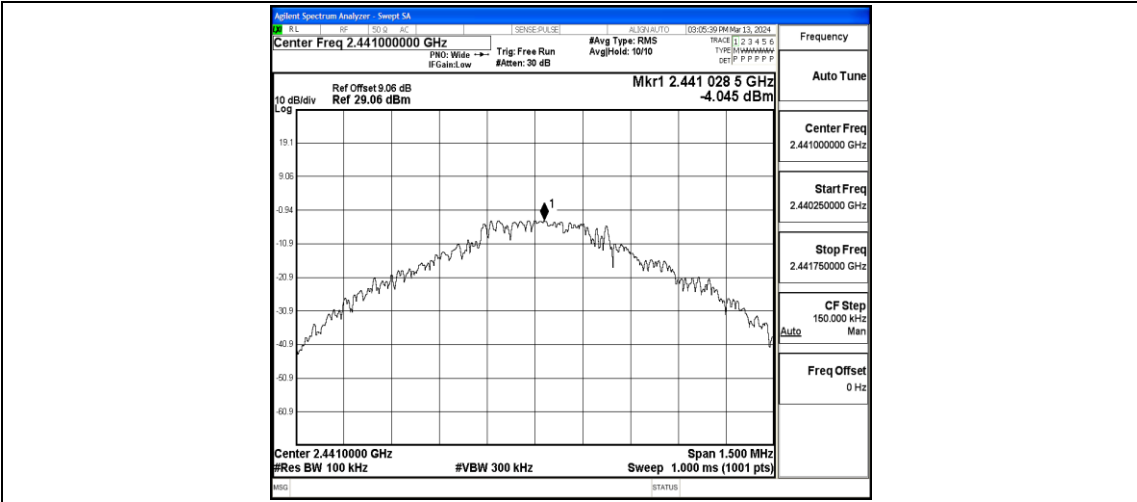
DH5-Ant1-2402-0~Reference-PASS



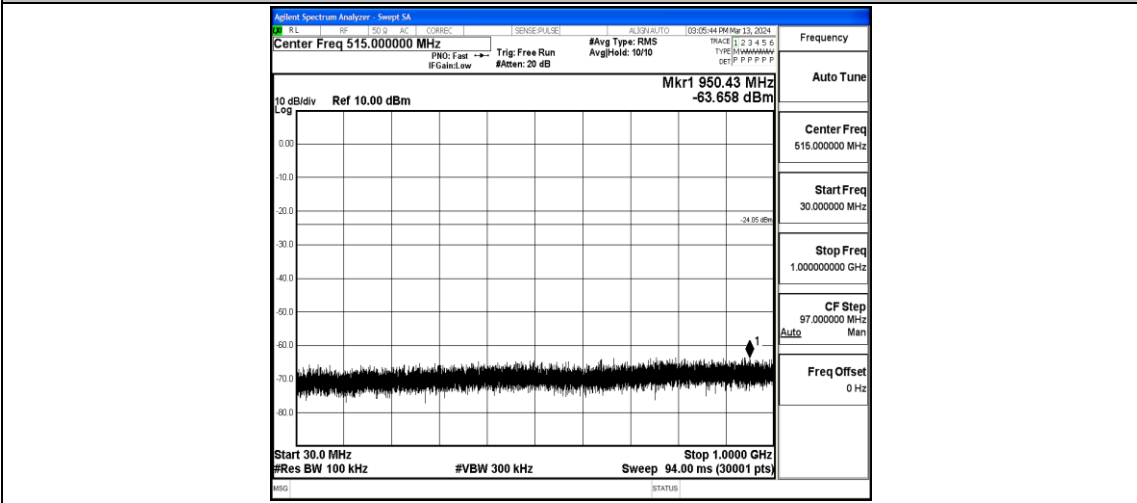
DH5-Ant1-2402-30~1000-PASS



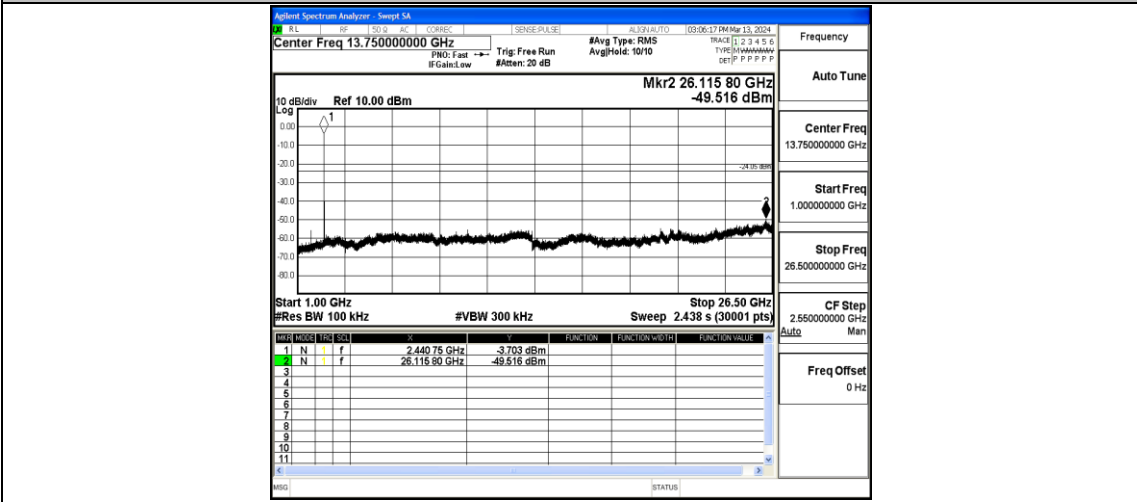
DH5-Ant1-2402-1000~26500-PASS



DH5-Ant1-2441-0~Reference-PASS



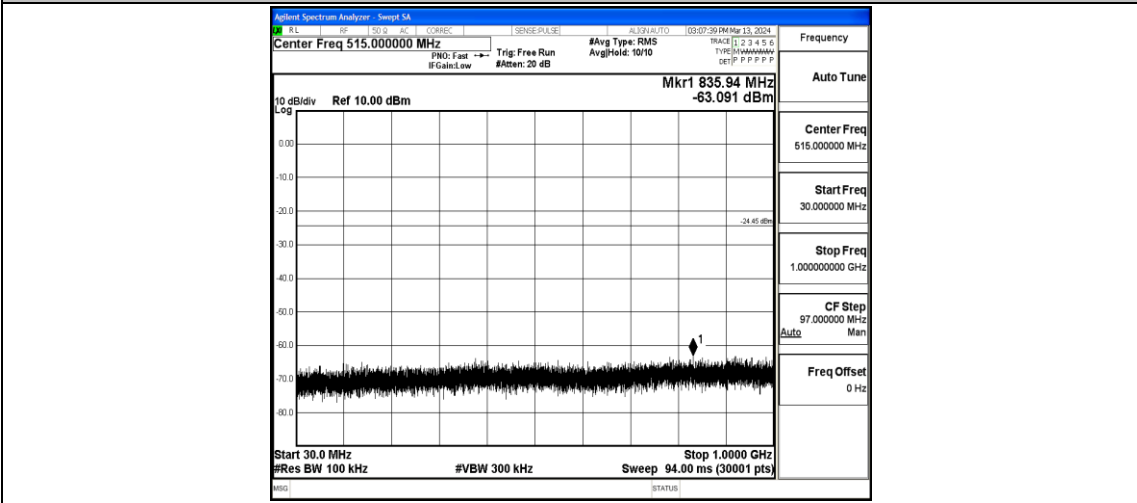
DH5-Ant1-2441-30~1000-PASS



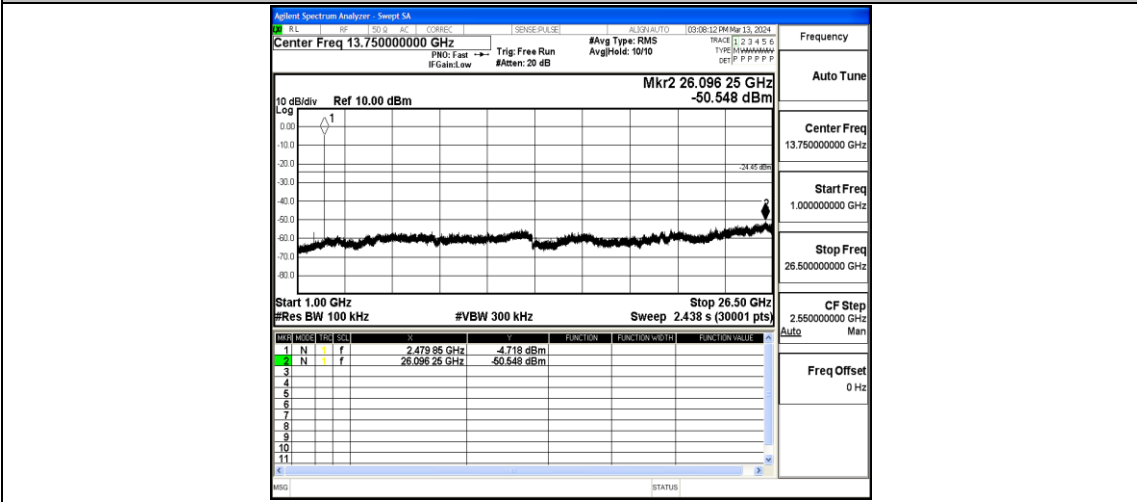
DH5-Ant1-2441-1000~26500-PASS



DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS



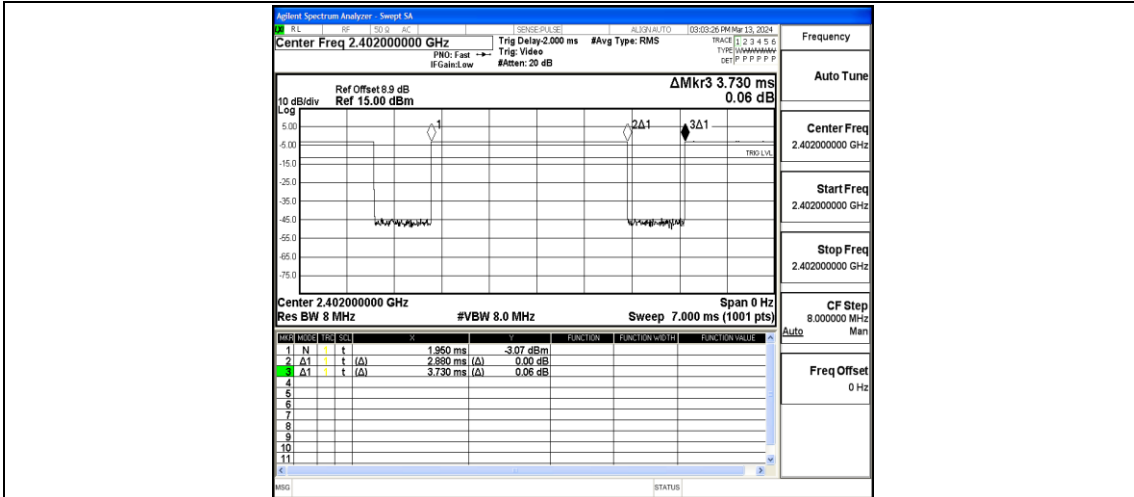
DH5-Ant1-2480-1000~26500-PASS

Appendix I: Duty Cycle

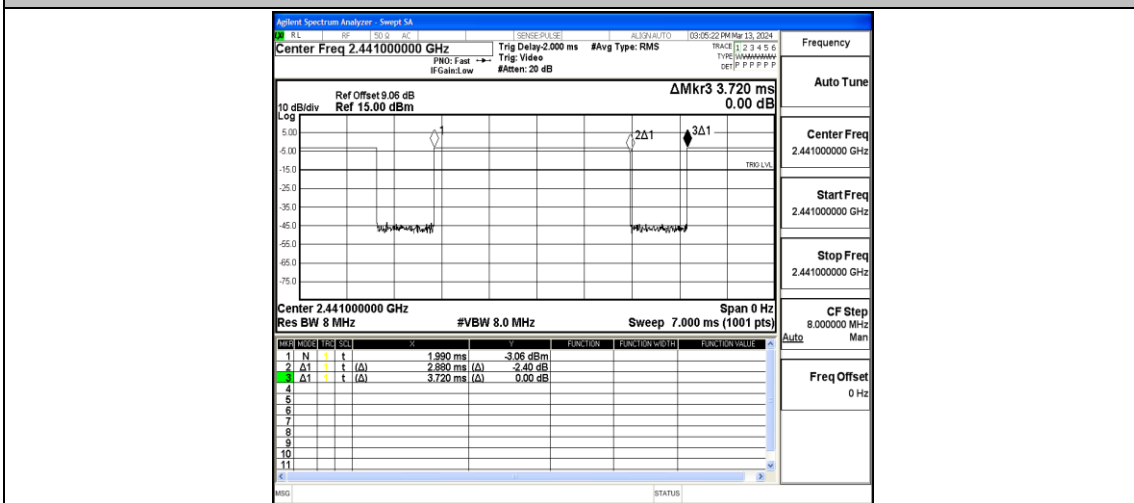
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.73	77.21	1.12
DH5	Ant1	2441	2.88	3.72	77.42	1.11
DH5	Ant1	2480	2.88	3.72	77.42	1.11

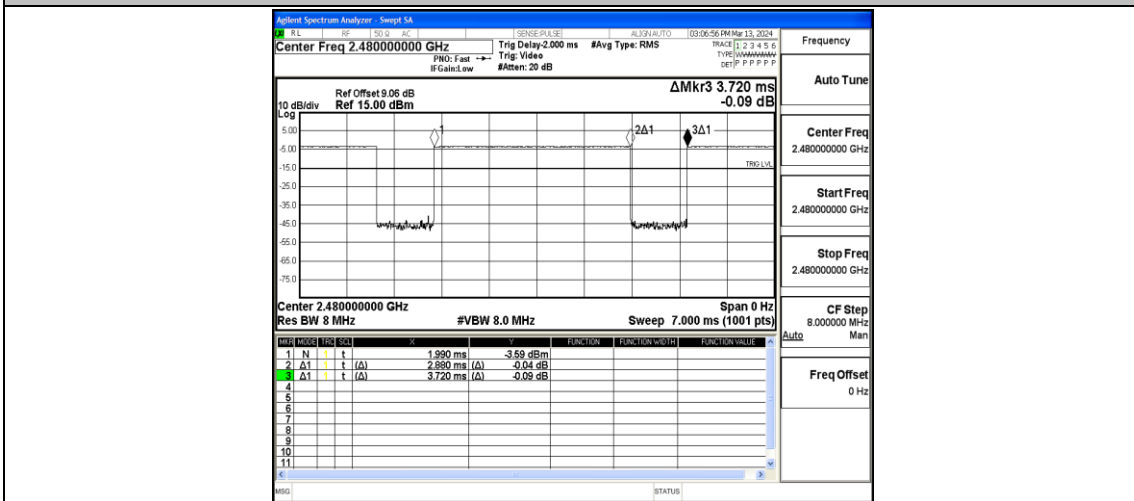
Test Graphs



NTNV-DH5-Ant1-2402



NTNV-DH5-Ant1-2441



NTNV-DH5-Ant1-2480

Appendix J: Emissions in Restricted Bands

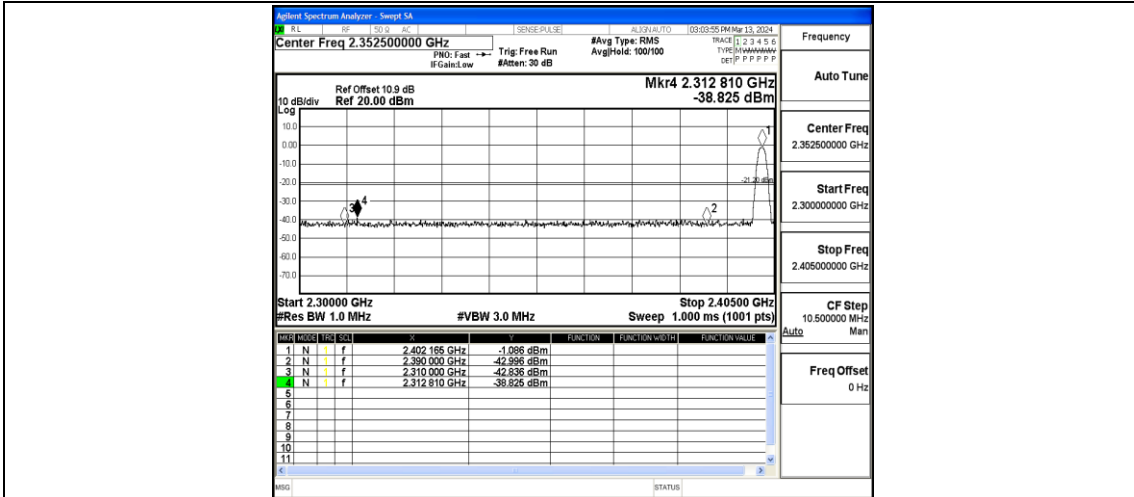
Test Result

TestMode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	Peak	2390.000	-43	≤-21.20	52.20	≤74	PASS
DH5	Ant1	Low	2402	Peak	2310.000	-42.84	≤-21.20	52.36	≤74	PASS
DH5	Ant1	Low	2402	Peak	2312.810	-38.83	≤-21.20	56.37	≤74	PASS
DH5	Ant1	Low	2402	AV	2390.000	-49.41	≤-41.20	45.79	≤54	PASS
DH5	Ant1	Low	2402	AV	2310.000	-49.17	≤-41.20	46.03	≤54	PASS
DH5	Ant1	Low	2402	AV	2387.780	-48.45	≤-41.20	46.75	≤54	PASS
DH5	Ant1	High	2480	Peak	2483.500	-41.74	≤-21.20	53.46	≤74	PASS
DH5	Ant1	High	2480	Peak	2500.000	-40.63	≤-21.20	54.57	≤74	PASS
DH5	Ant1	High	2480	Peak	2496.080	-37.64	≤-21.20	57.56	≤74	PASS
DH5	Ant1	High	2480	AV	2483.500	-48.41	≤-41.20	46.79	≤54	PASS
DH5	Ant1	High	2480	AV	2500.000	-48.49	≤-41.20	46.71	≤54	PASS
DH5	Ant1	High	2480	AV	2487.440	-47.69	≤-41.20	47.51	≤54	PASS

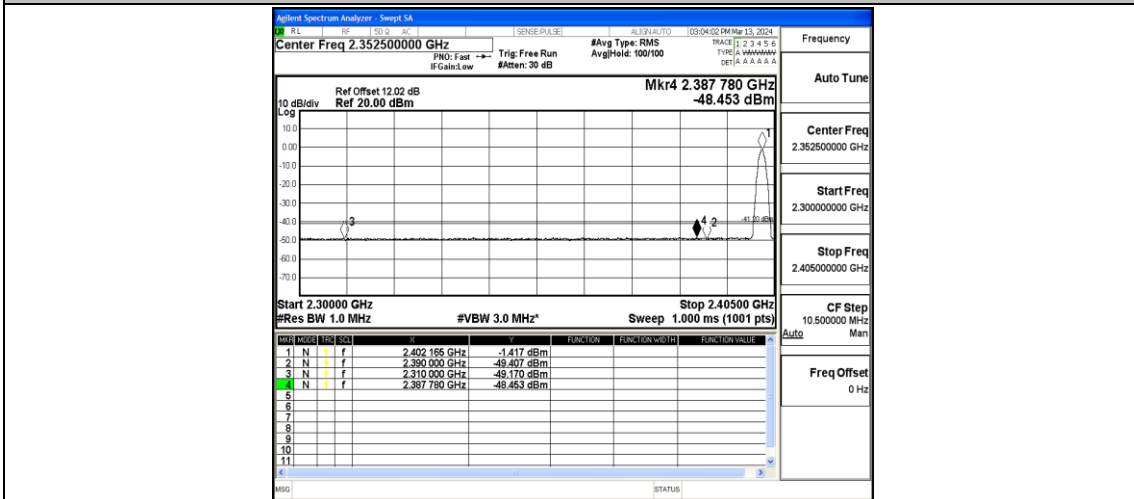
Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

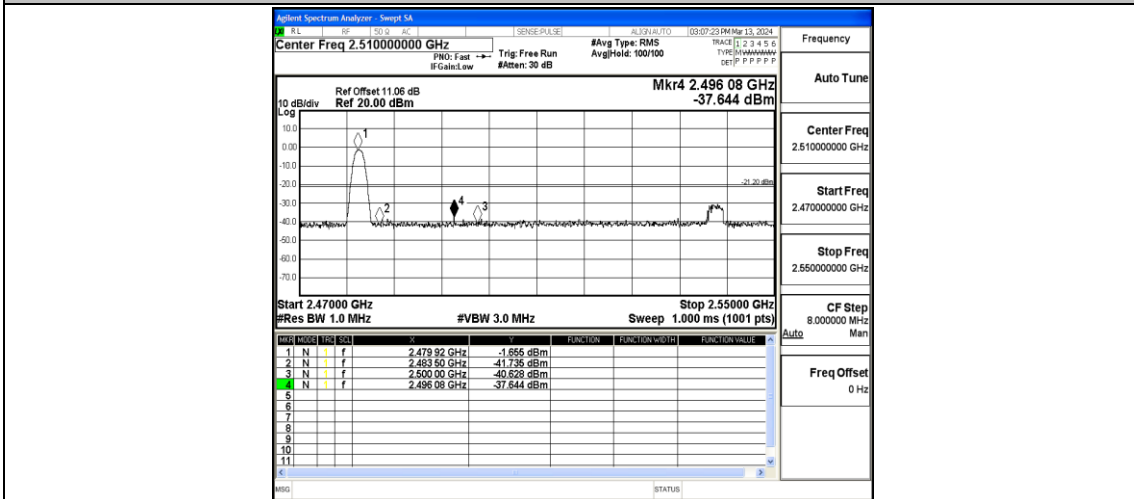
Test Graphs



DH5-Ant1-2402-PASS



DH5-Ant1-2402-PASS



DH5-Ant1-2480-PASS

