

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

Product Name: Bluetooth Keyboard

Trade Mark: Dracool

Test Model: 8625B Bluetooth Keyboard for iPad Pro 12.9

FCC ID: 2A32S-8625B

Environmental Conditions

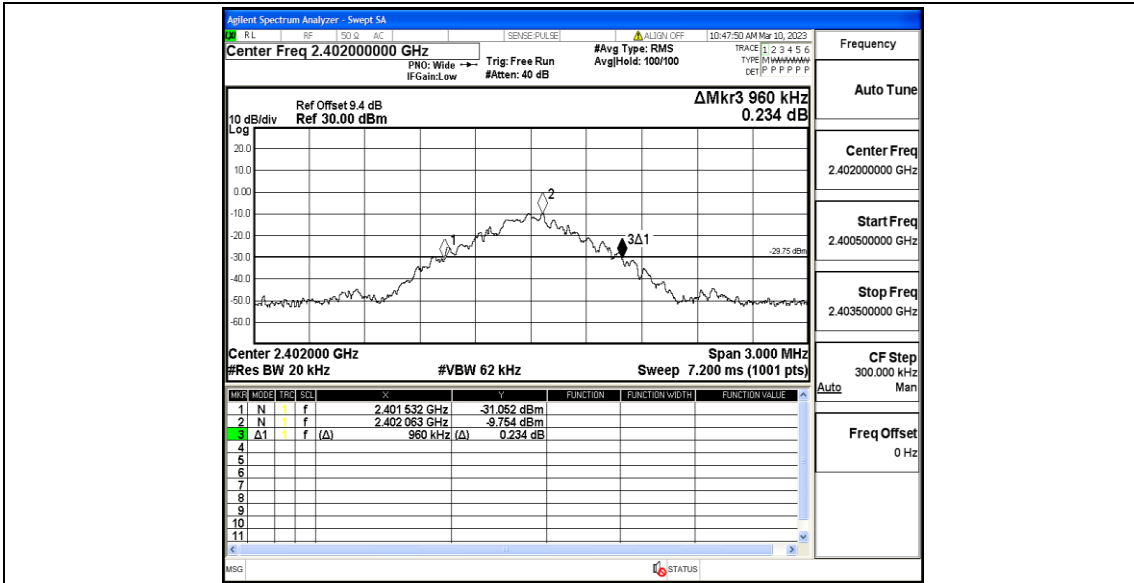
Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: 20dB Emission Bandwidth

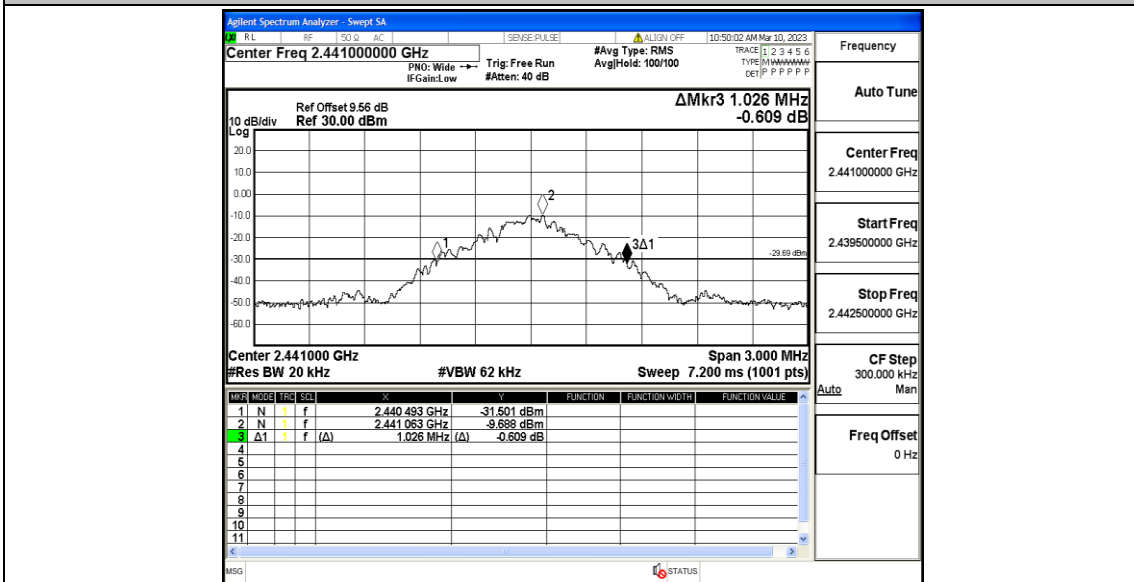
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.960	2401.532	2402.492	---	---
		2441	1.026	2440.493	2441.519	---	---
		2480	0.927	2479.517	2480.444	---	---

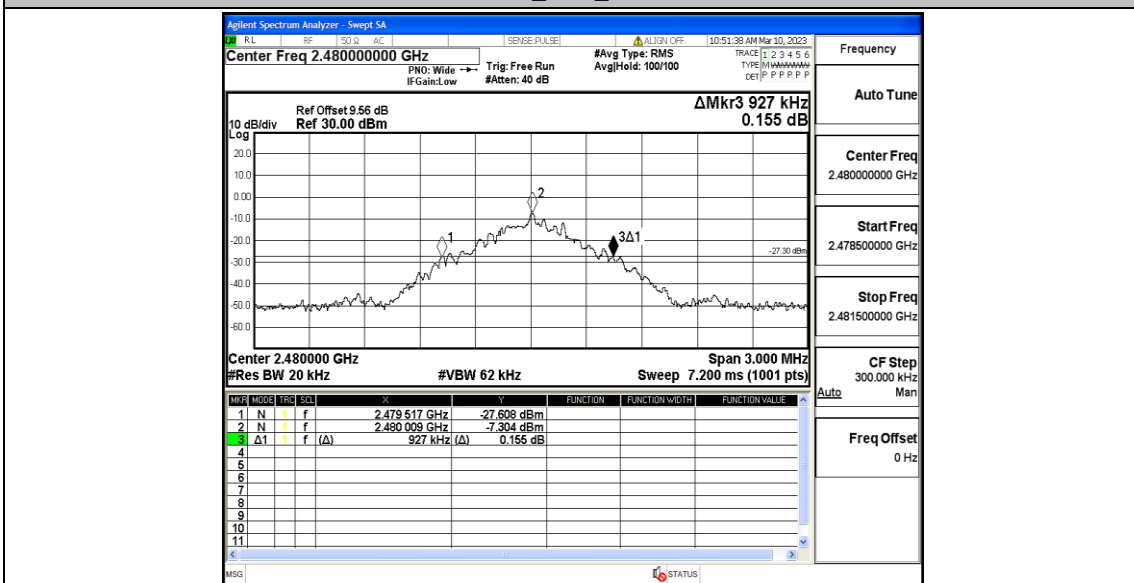
Test Graphs



DH5_Ant1_2402



DH5_Ant1_2441



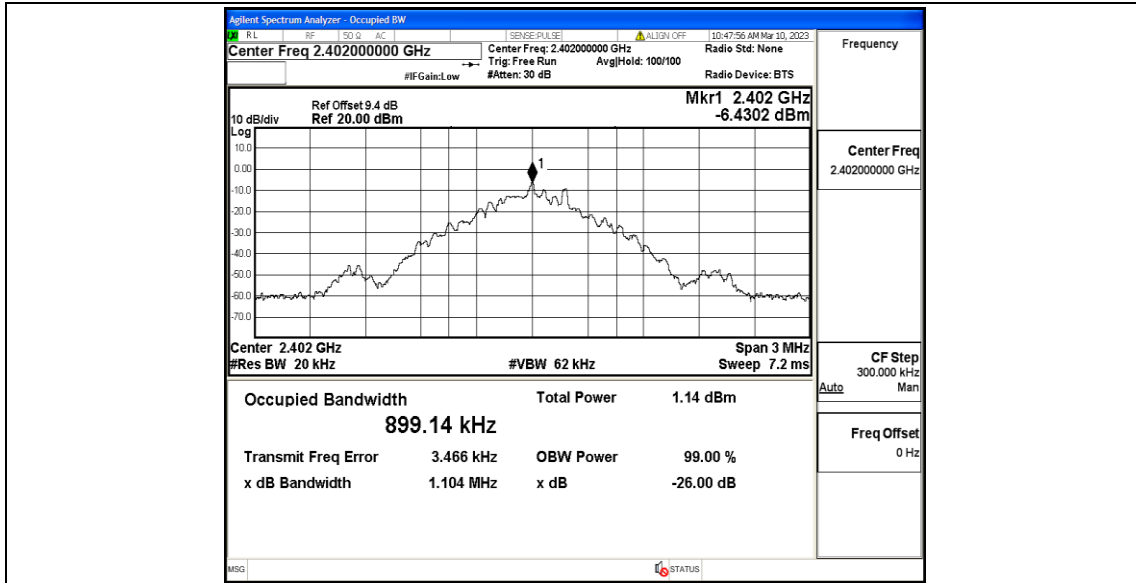
DH5_Ant1_2480

Appendix B: Occupied Channel Bandwidth

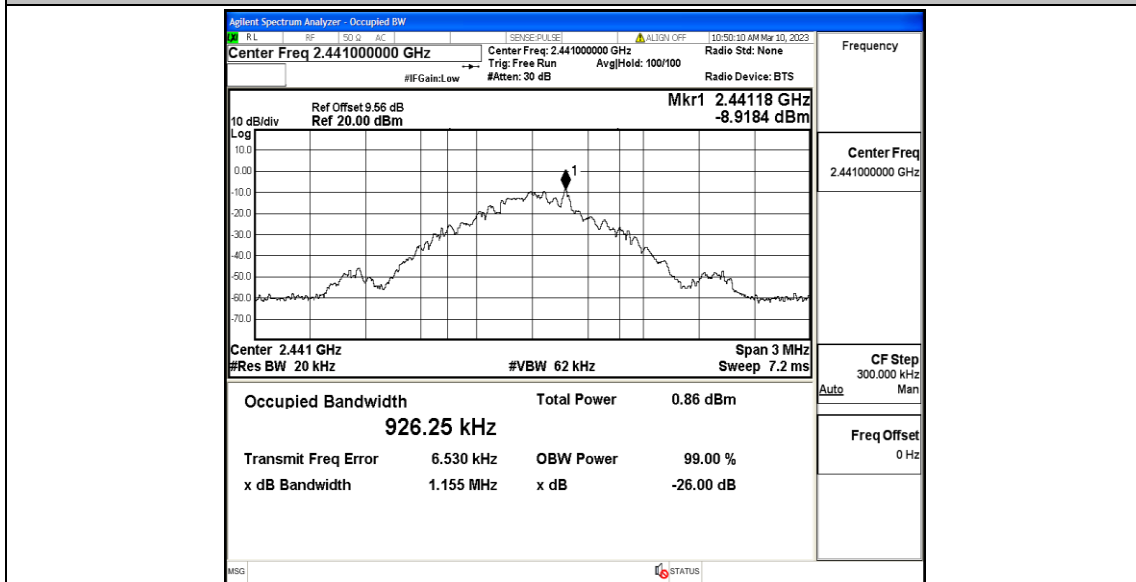
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89914	2401.5539	2402.4530	---	---
		2441	0.92625	2440.5434	2441.4697	---	---
		2480	0.91310	2479.5472	2480.4603	---	---

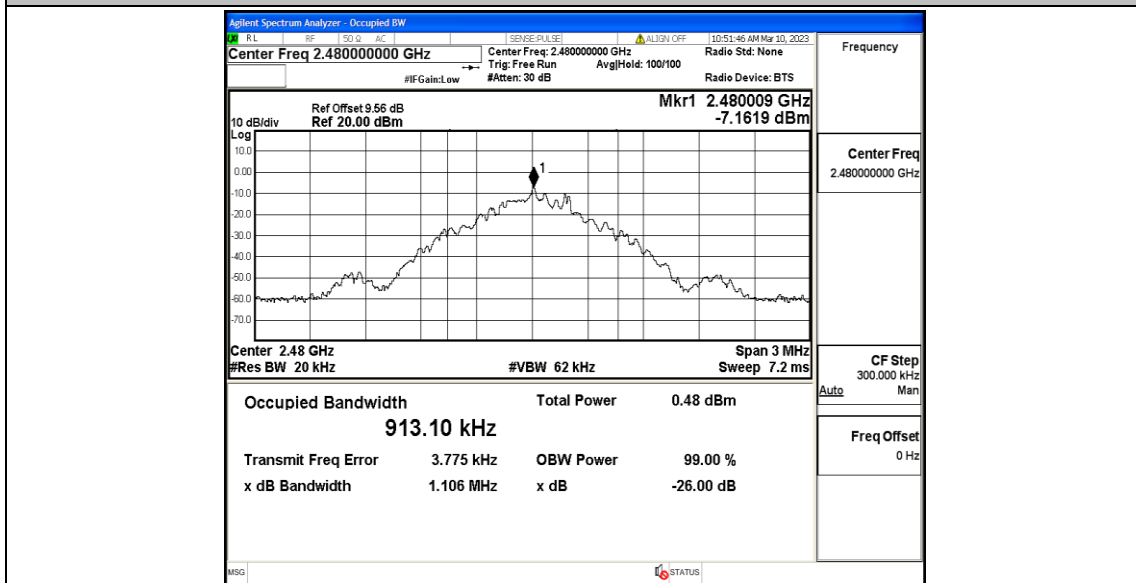
Test Graphs



DH5_Ant1_2402



DH5_Ant1_2441



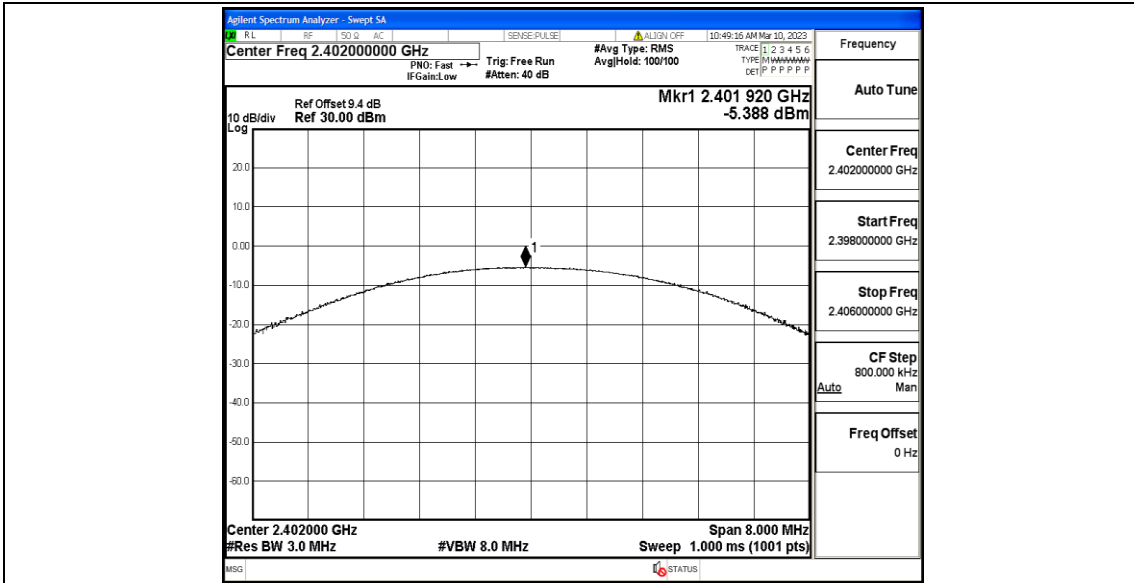
DH5_Ant1_2480

Appendix C: Maximum Peak conducted output power

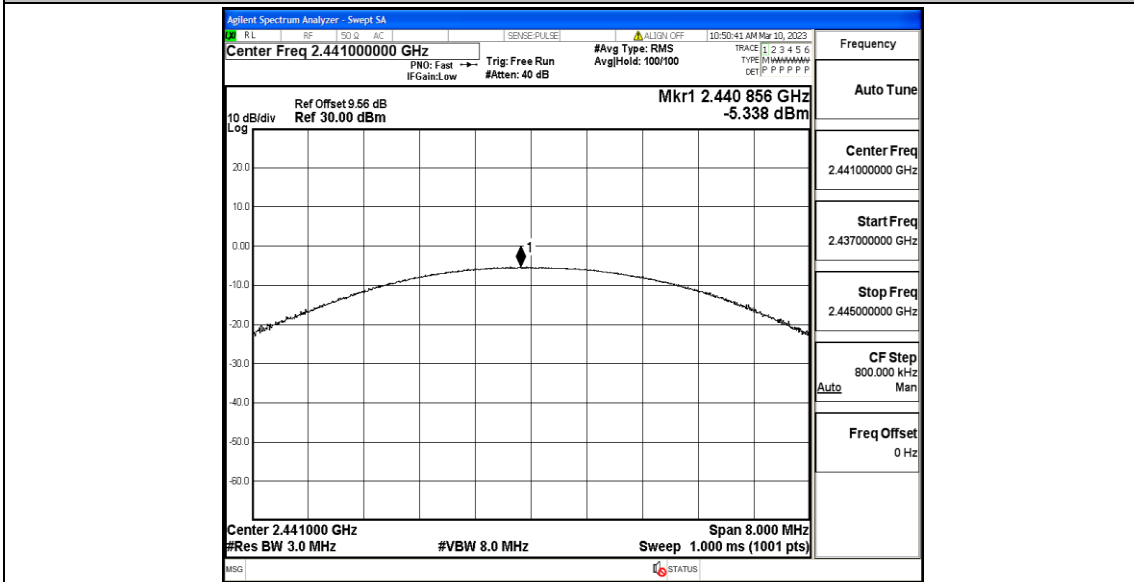
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-5.39	≤20.97	PASS
		2441	-5.34	≤20.97	PASS
		2480	-5.88	≤20.97	PASS

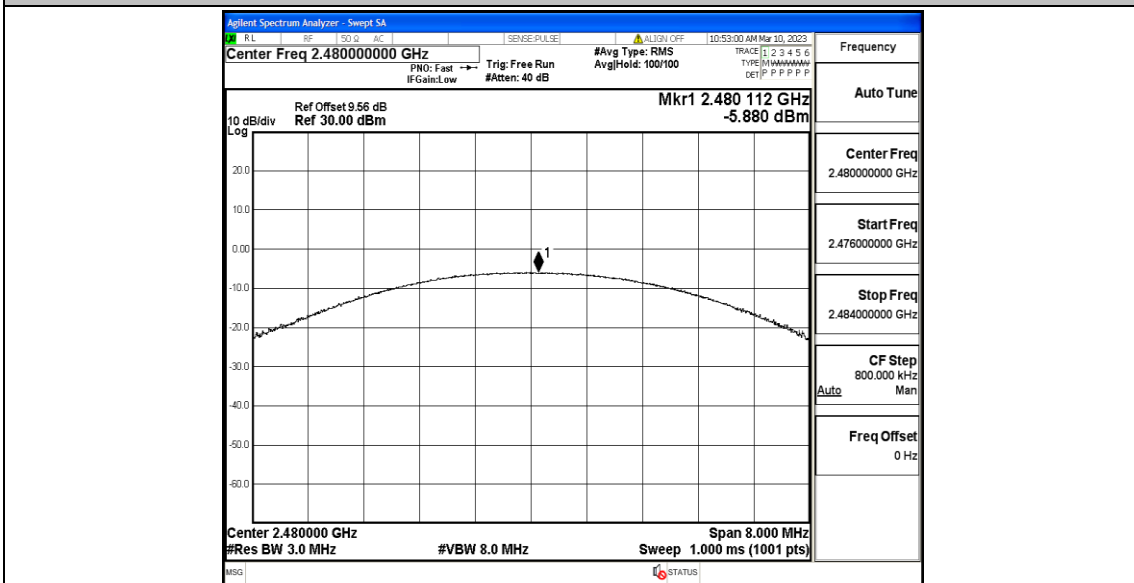
Test Graphs



DH5_Ant1_2402



DH5_Ant1_2441



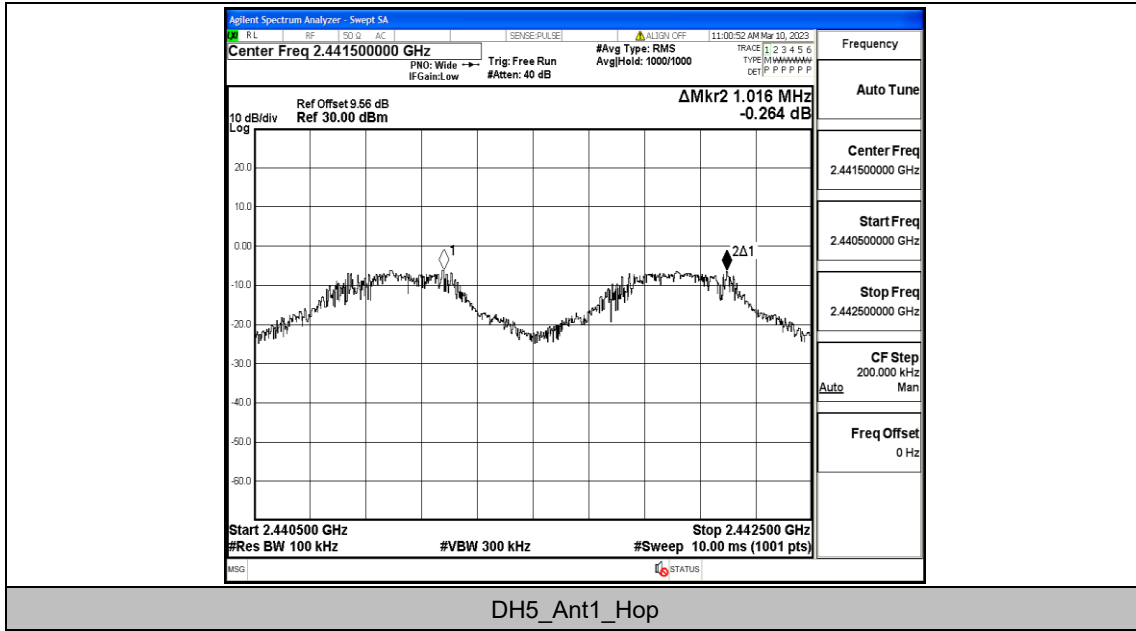
DH5_Ant1_2480

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.016	≥ 0.684	PASS

Test Graphs

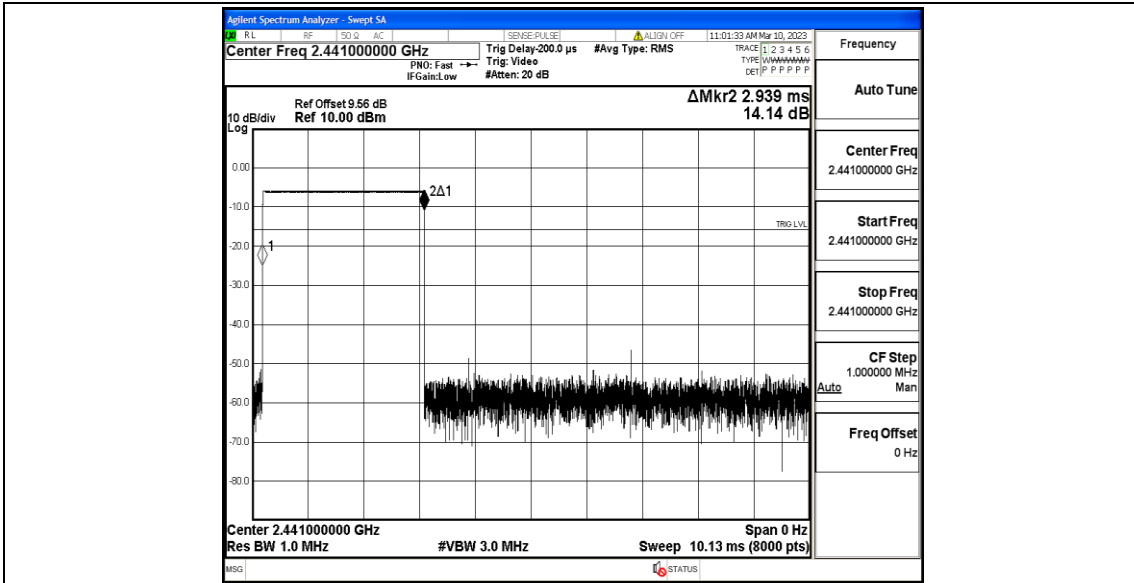


Appendix E: Time of occupancy

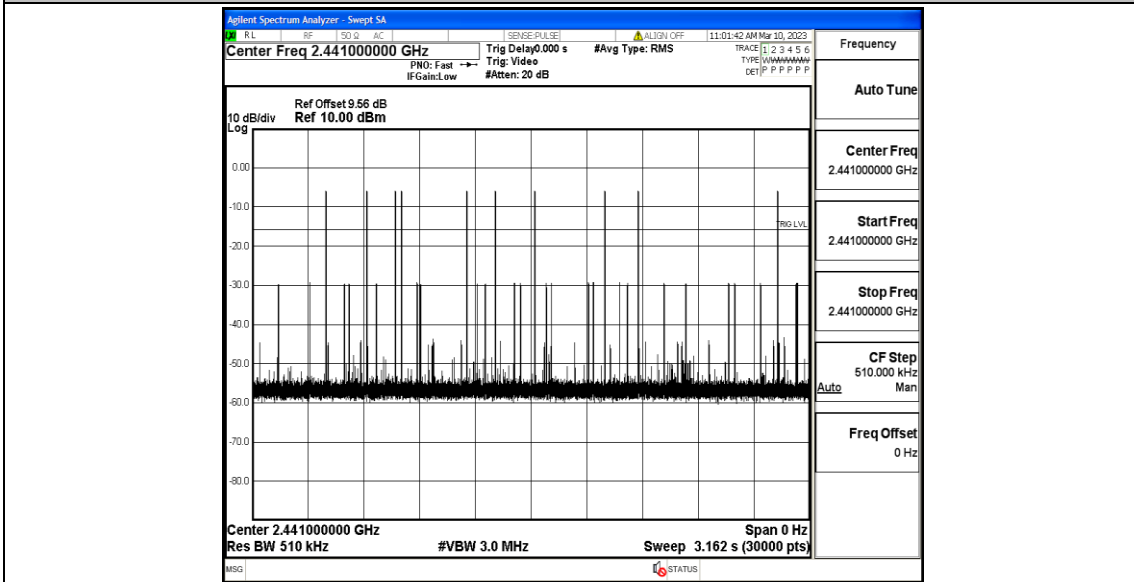
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.939	110	0.323	≤0.4	PASS

Test Graphs



DH5_Ant1_Hop



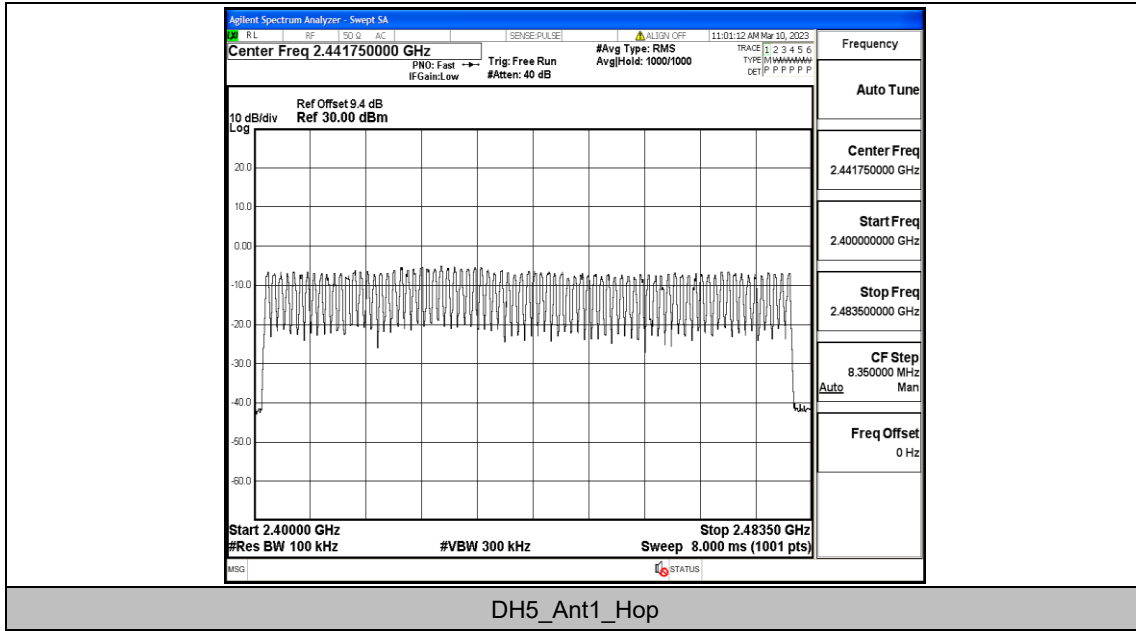
DH5_Ant1_Hop

Appendix F: Number of hopping channels

Test Result

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

Test Graphs

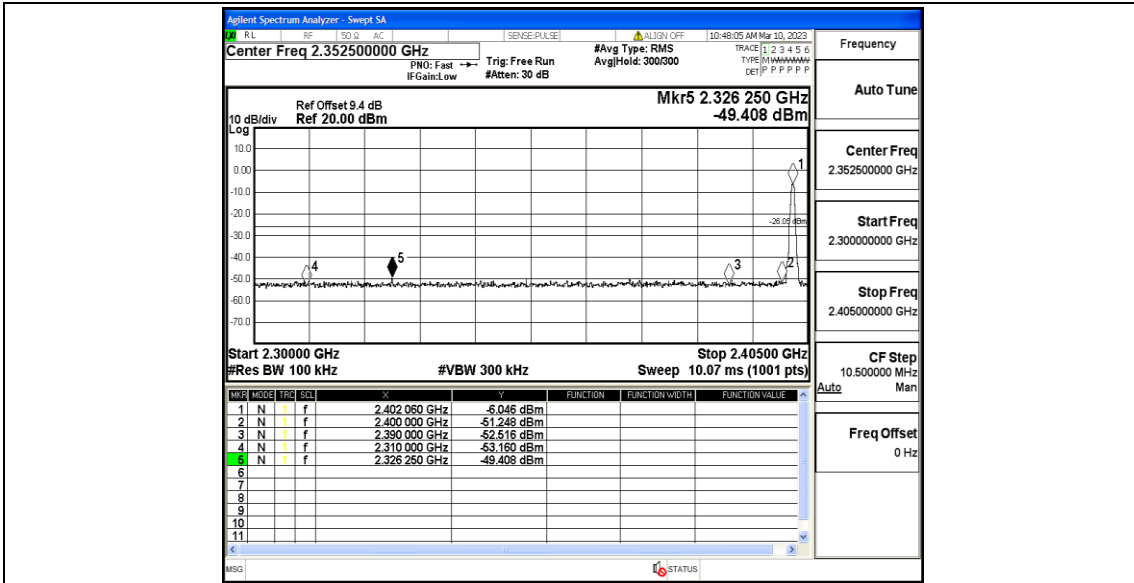


Appendix G: Band edge measurements

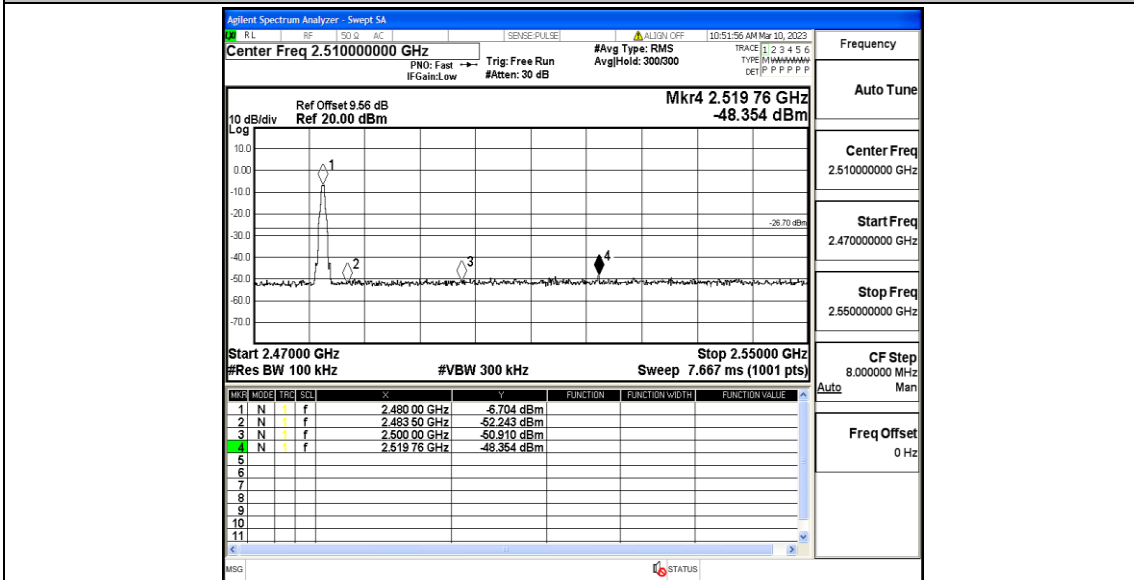
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-6.05	-49.41	≤ -26.05	PASS
		High	2480	-6.70	-48.35	≤ -26.7	PASS
		Low	Hop_2402	-6.98	-50.68	≤ -26.98	PASS
		High	Hop_2480	-6.79	-48.97	≤ -26.79	PASS

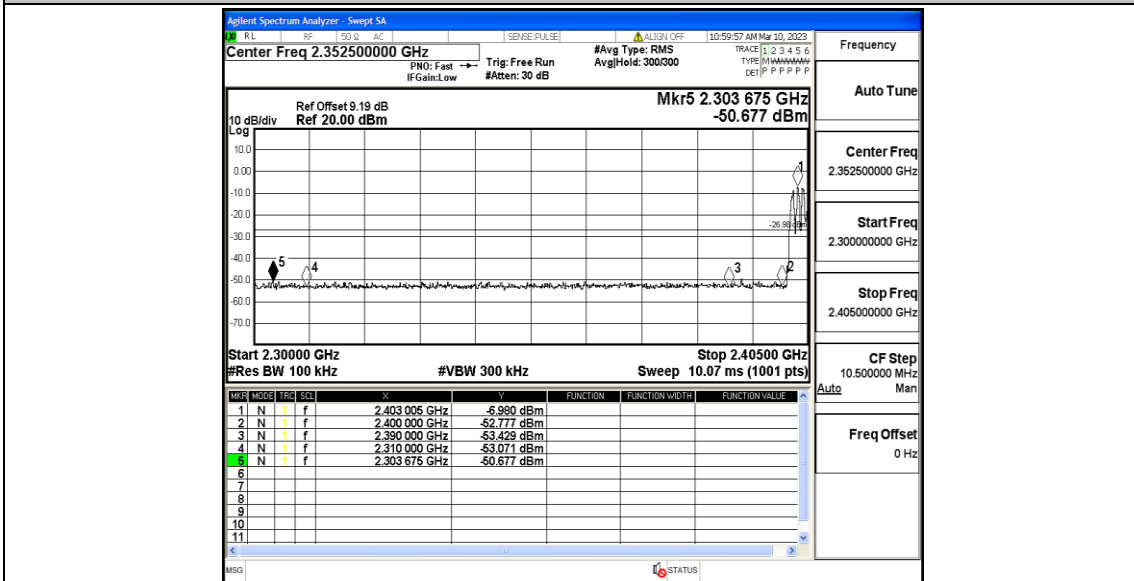
Test Graphs



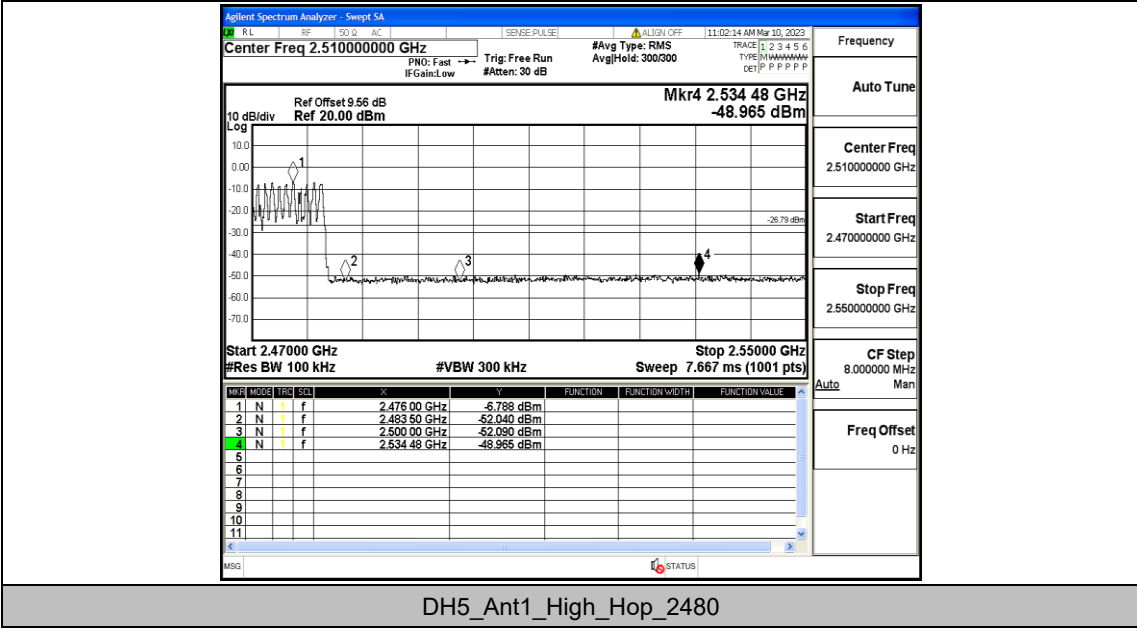
DH5_Ant1_Low_2402



DH5_Ant1_High_2480



DH5_Ant1_Low_Hop_2402



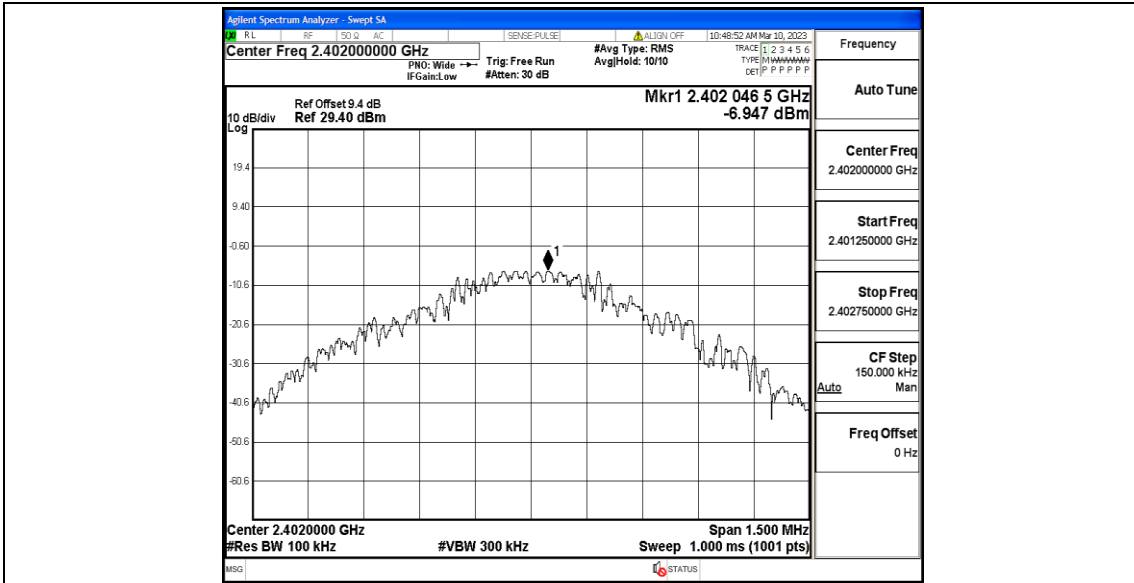
DH5_Ant1_High_Hop_2480

Appendix H: Conducted Spurious Emission

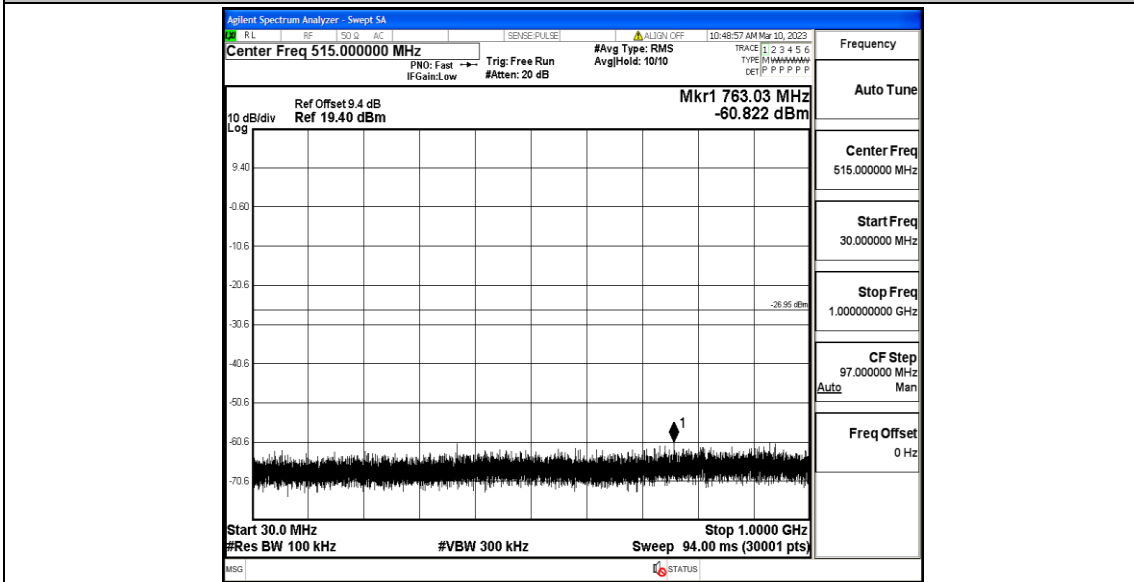
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-6.95	-6.95	---	PASS
			30~1000	-6.95	-60.82	≤-26.95	PASS
			1000~26500	-6.95	-50.56	≤-26.95	PASS
		2441	Reference	-6.85	-6.85	---	PASS
			30~1000	-6.85	-61.2	≤-26.85	PASS
			1000~26500	-6.85	-51.3	≤-26.85	PASS
		2480	Reference	-7.46	-7.46	---	PASS
			30~1000	-7.46	-60.2	≤-27.46	PASS
			1000~26500	-7.46	-50.3	≤-27.46	PASS

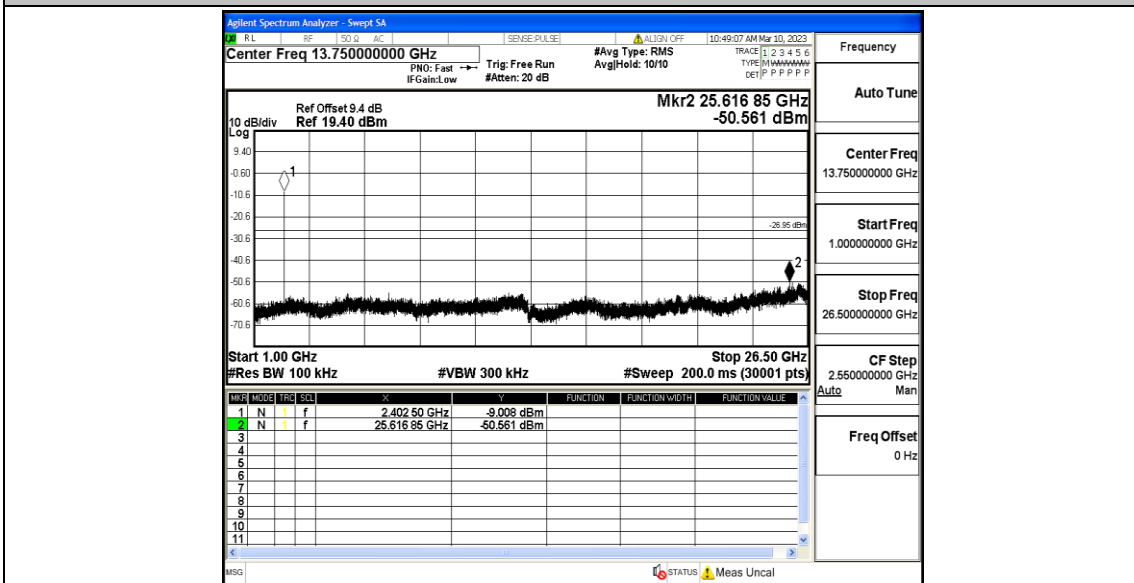
Test Graphs



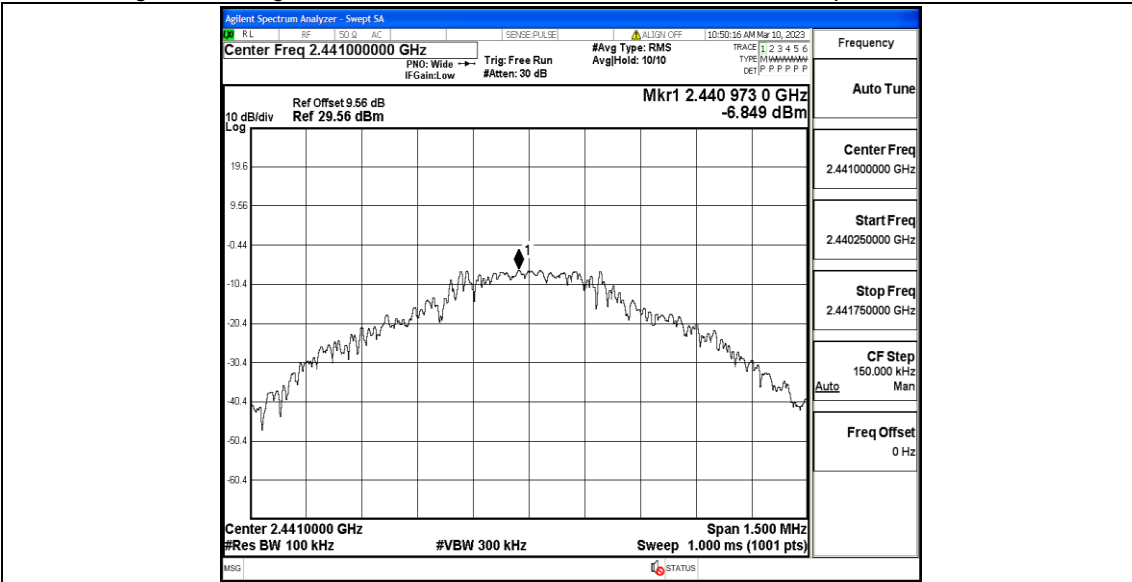
DH5_Ant1_2402_0~Reference



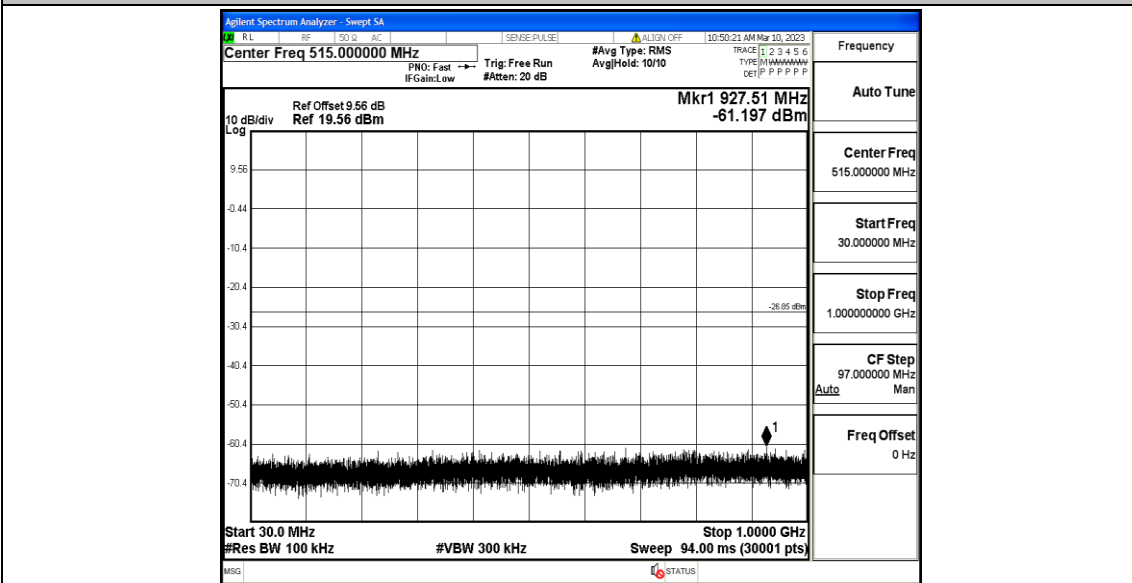
DH5_Ant1_2402_30~1000



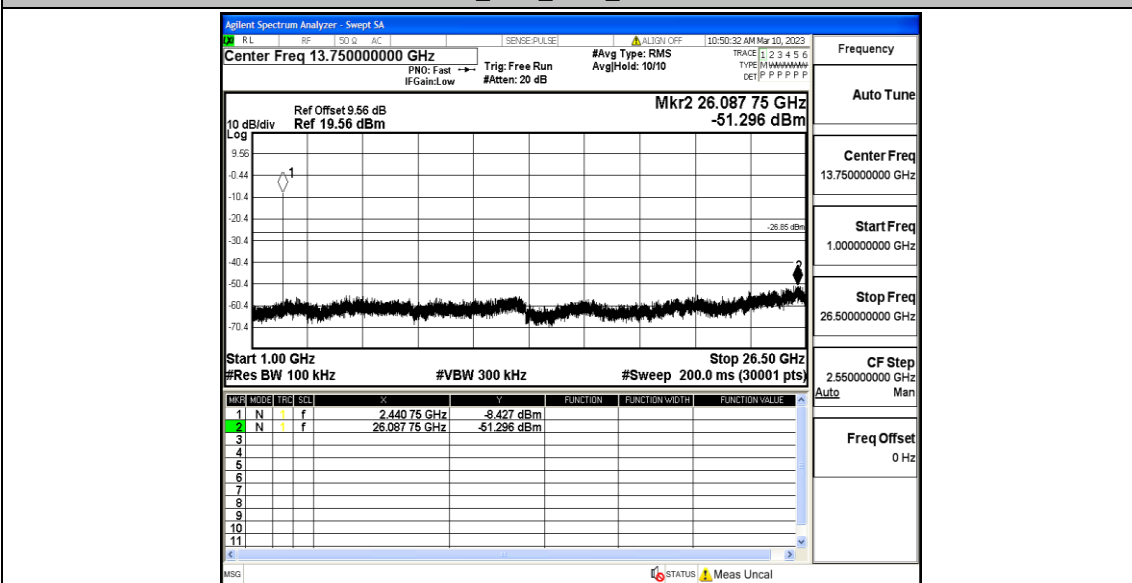
DH5_Ant1_2402_1000~26500



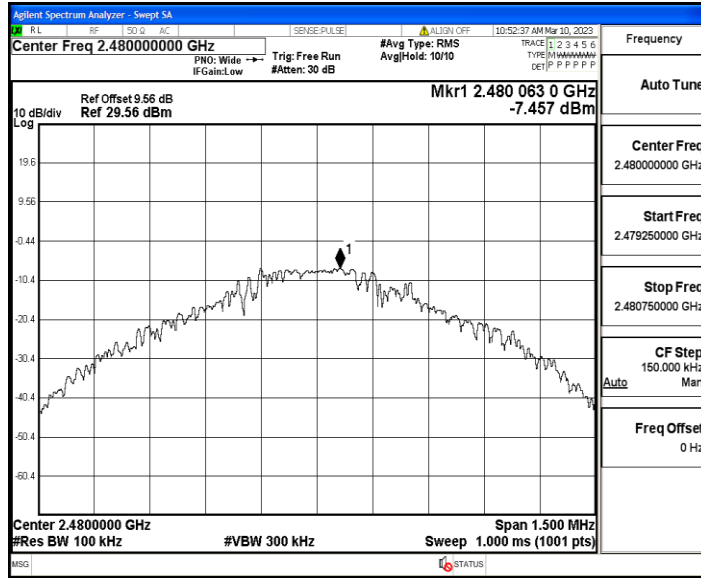
DH5_Ant1_2441_0~Reference



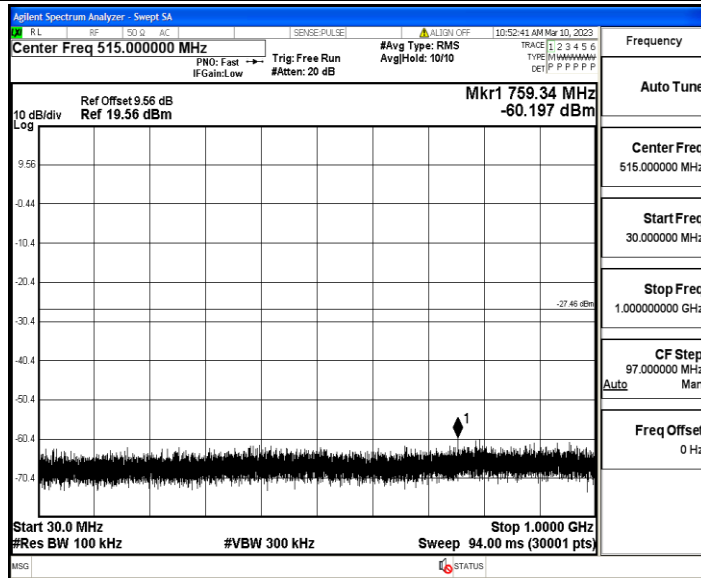
DH5_Ant1_2441_30~1000



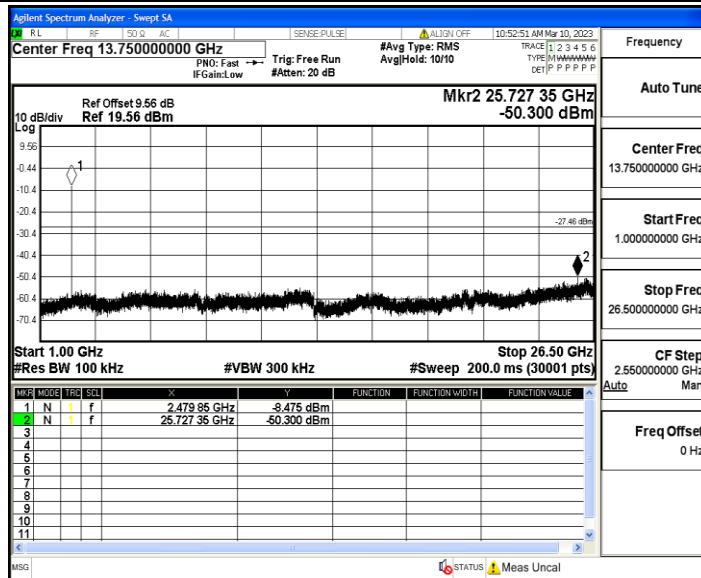
DH5_Ant1_2441_1000~26500



DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000



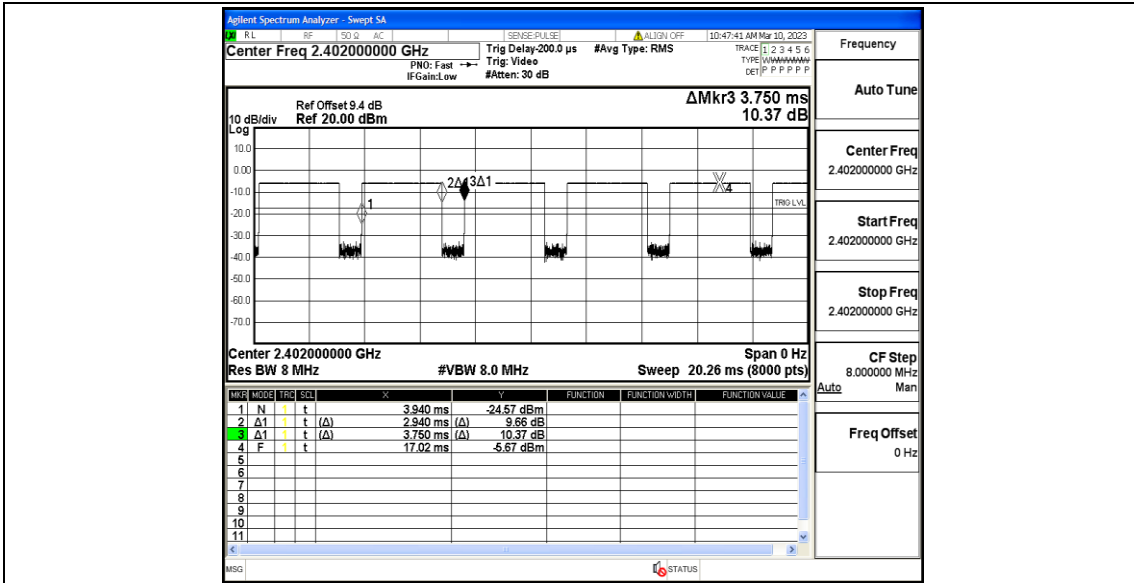
DH5_Ant1_2480_1000~26500

Appendix I: Duty Cycle

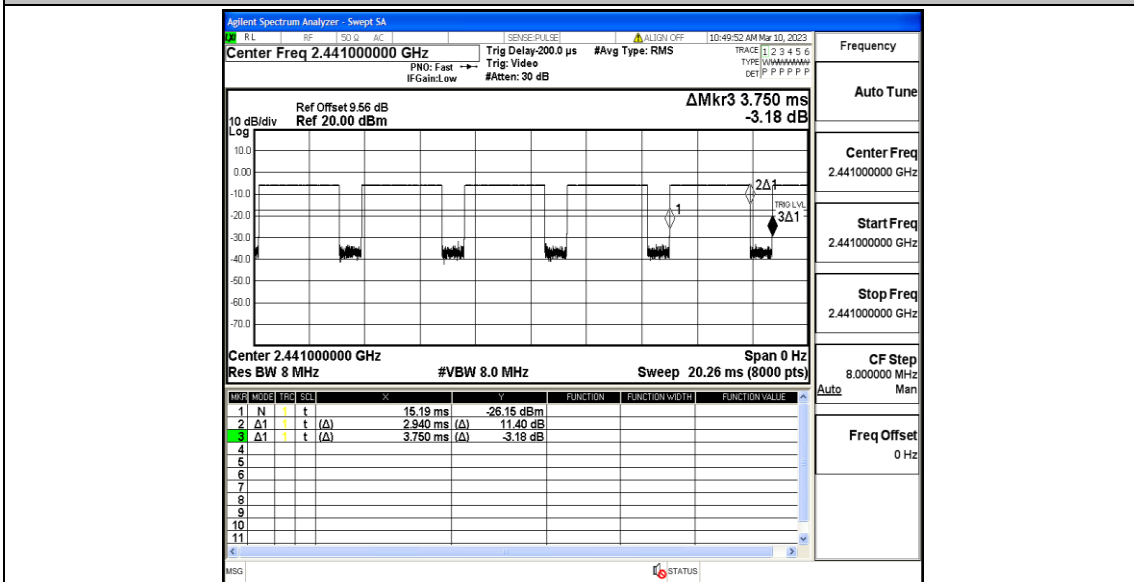
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T[kHz]
DH5	Ant1	2402	2.94	3.75	78.40	0.34
		2441	2.94	3.75	78.40	0.34
		2480	2.94	3.75	78.40	0.34

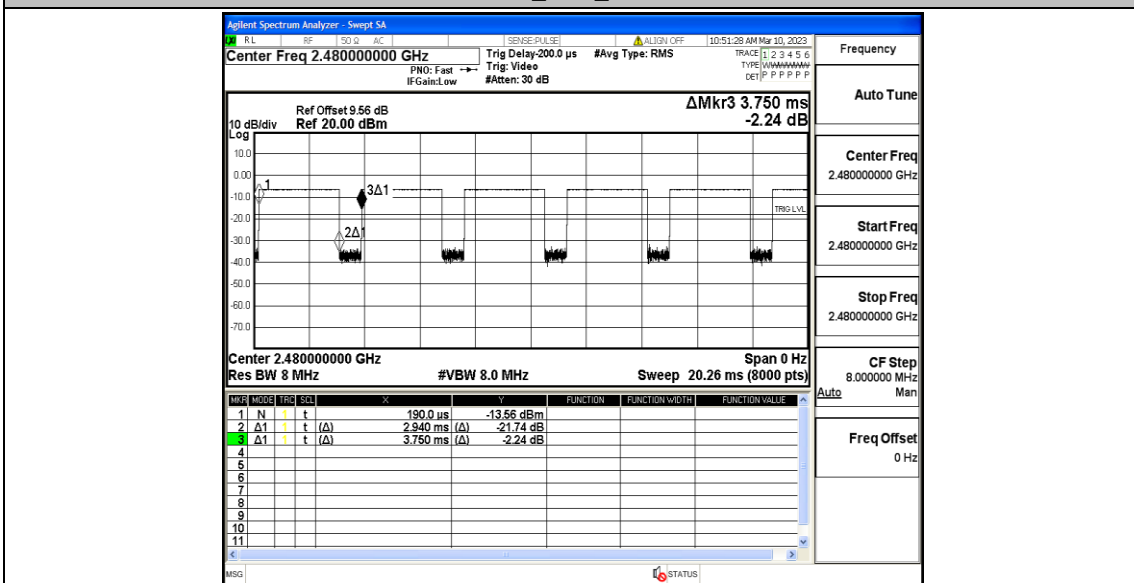
Test Graphs



DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480

Appendix J: Emissions in Restricted Bands

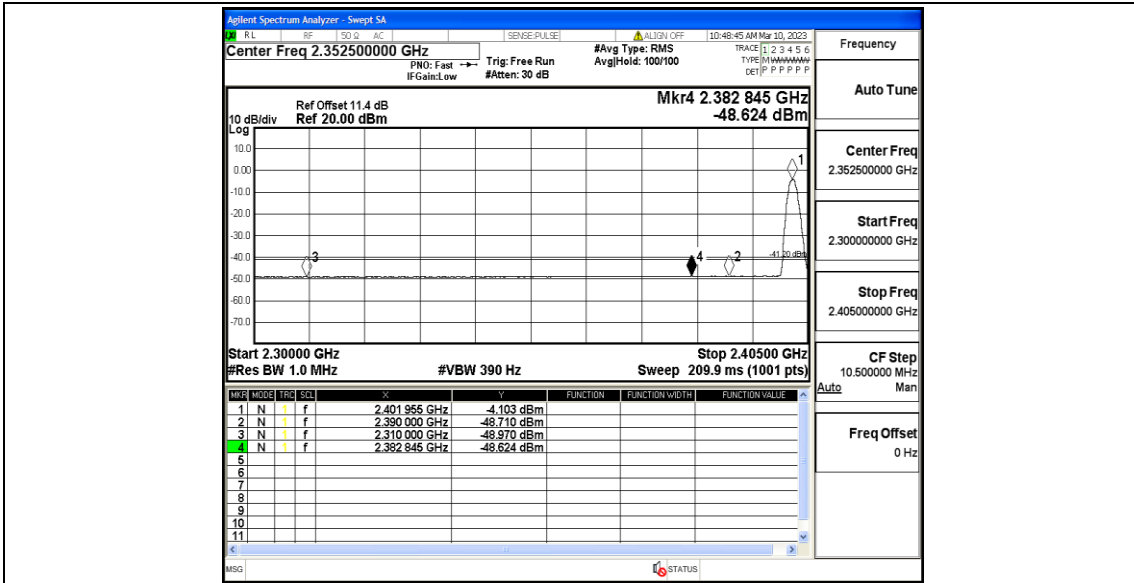
Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq(MHz)	Result(dBm)	Limit(dBm)	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-48.97	≤-41.20	PASS
				AV	2382.845	-48.62	≤-41.20	PASS
				AV	2390.000	-48.71	≤-41.20	PASS
				Peak	2310.000	-41.1	≤-21.20	PASS
				Peak	2328.140	-38.84	≤-21.20	PASS
				Peak	2390.000	-42.22	≤-21.20	PASS
		High	2480	AV	2483.500	-48.24	≤-41.20	PASS
				AV	2499.280	-47.88	≤-41.20	PASS
				AV	2500.000	-48.06	≤-41.20	PASS
				Peak	2483.500	-41.26	≤-21.20	PASS
				Peak	2498.800	-37.38	≤-21.20	PASS
				Peak	2500.000	-41.25	≤-21.20	PASS

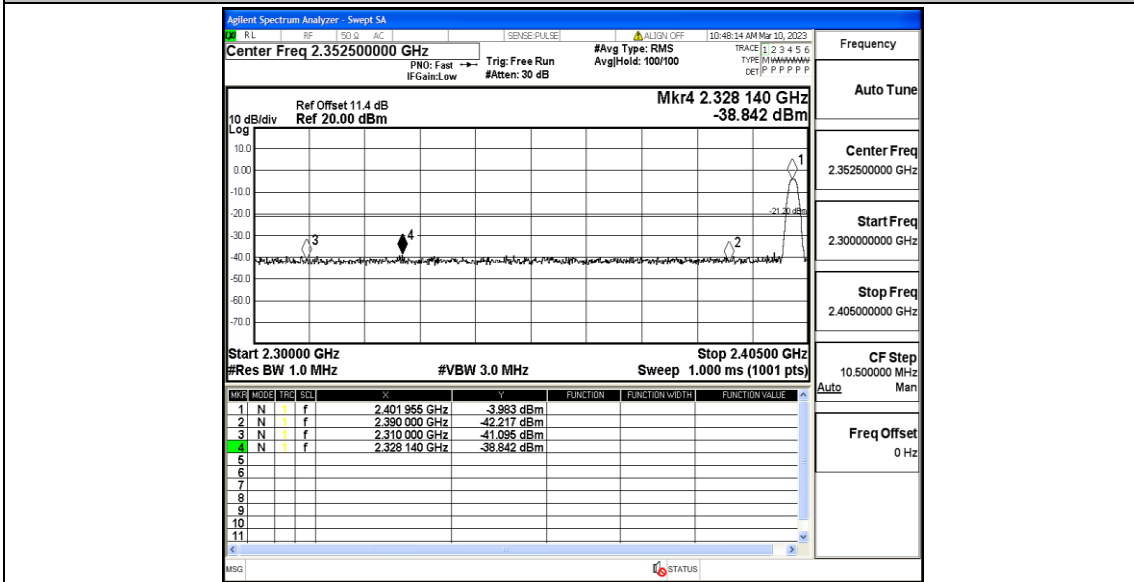
Note:

1. The Antenna Gain is compensated in the graph with 2dBi and Antenna Gain which is Higher.
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.

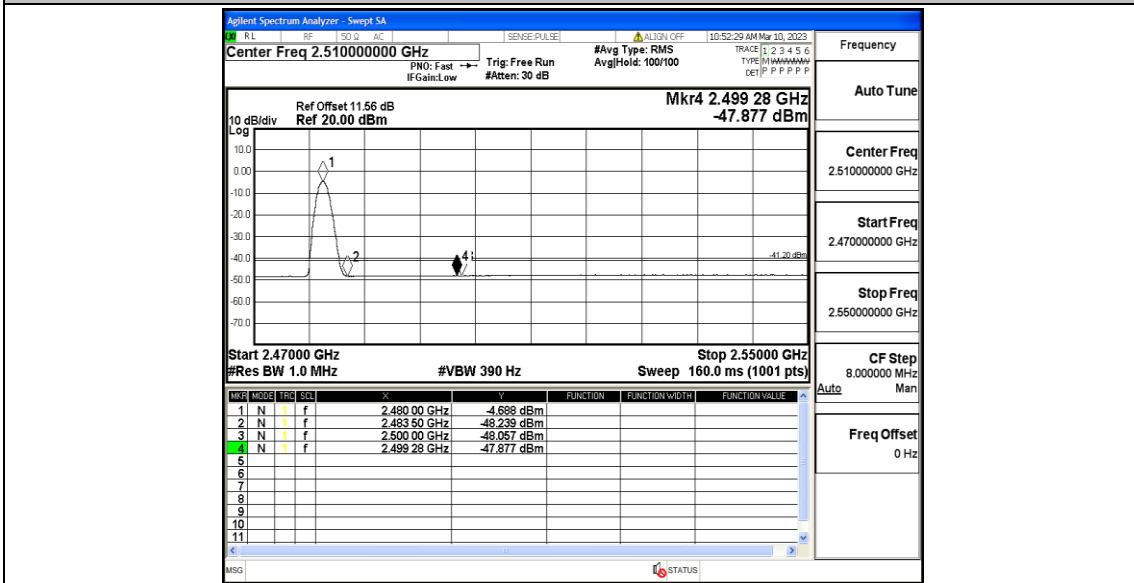
Test Graphs



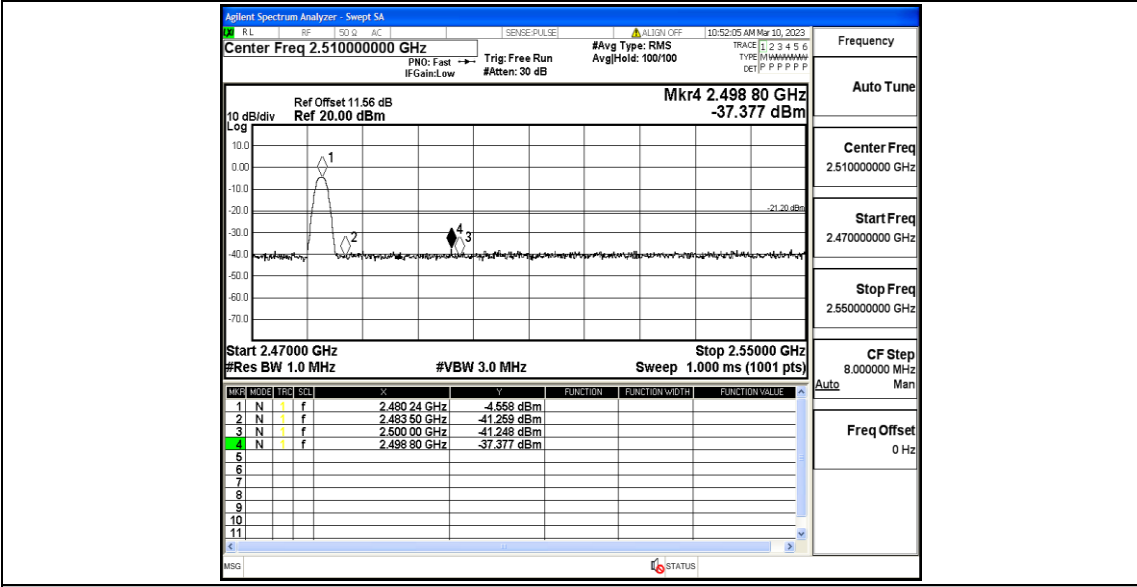
DH5_Ant1_Low_2402_AV



DH5_Ant1_Low_2402_Peak



DH5_Ant1_High_2480_AV



DH5_Ant1_High_2480_Peak