

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

Product Name: True wireless headphones

Trade Mark: N/A

Test Model: YD03

FCC ID: 2BLP4-YD03

Environmental Conditions

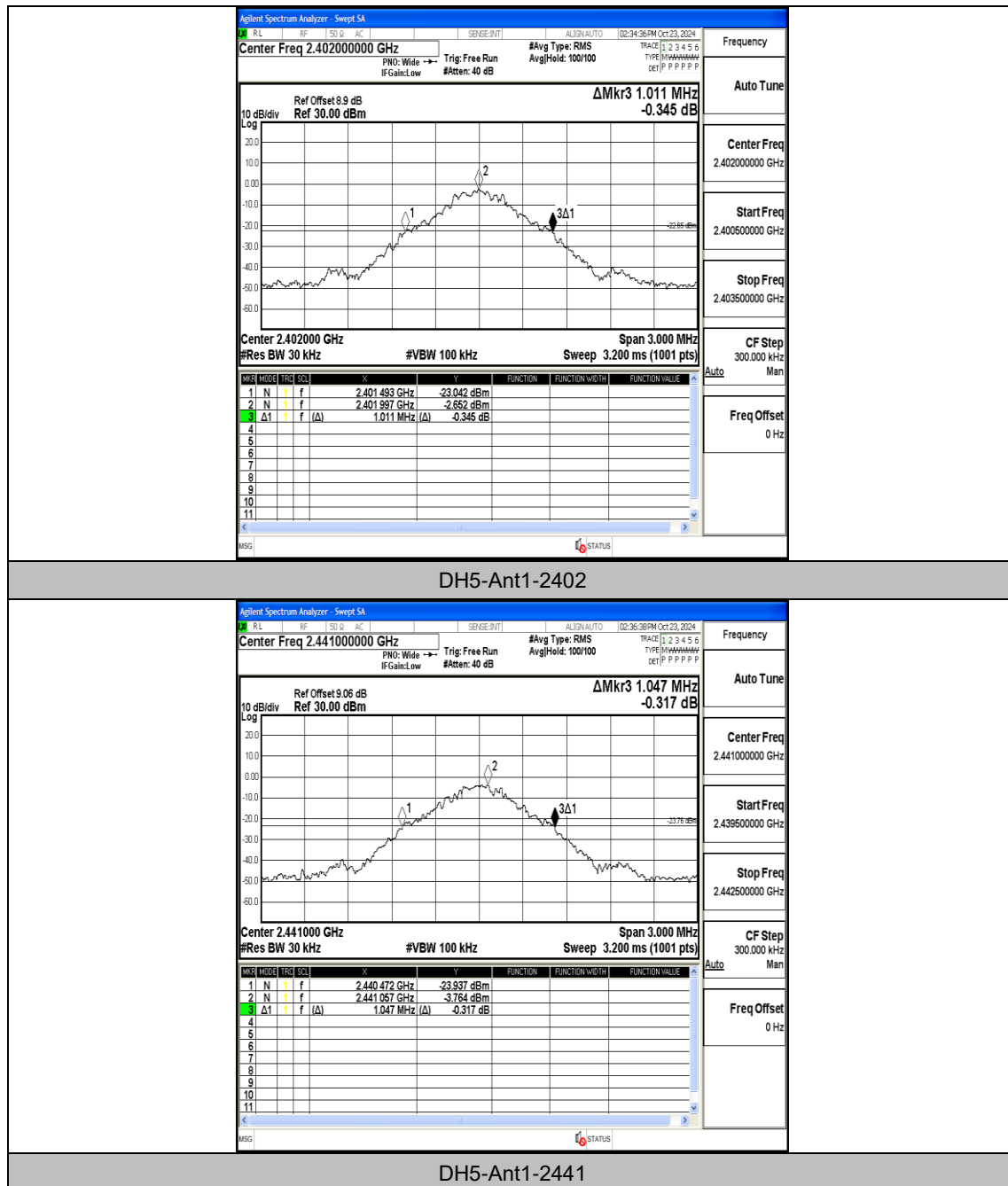
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

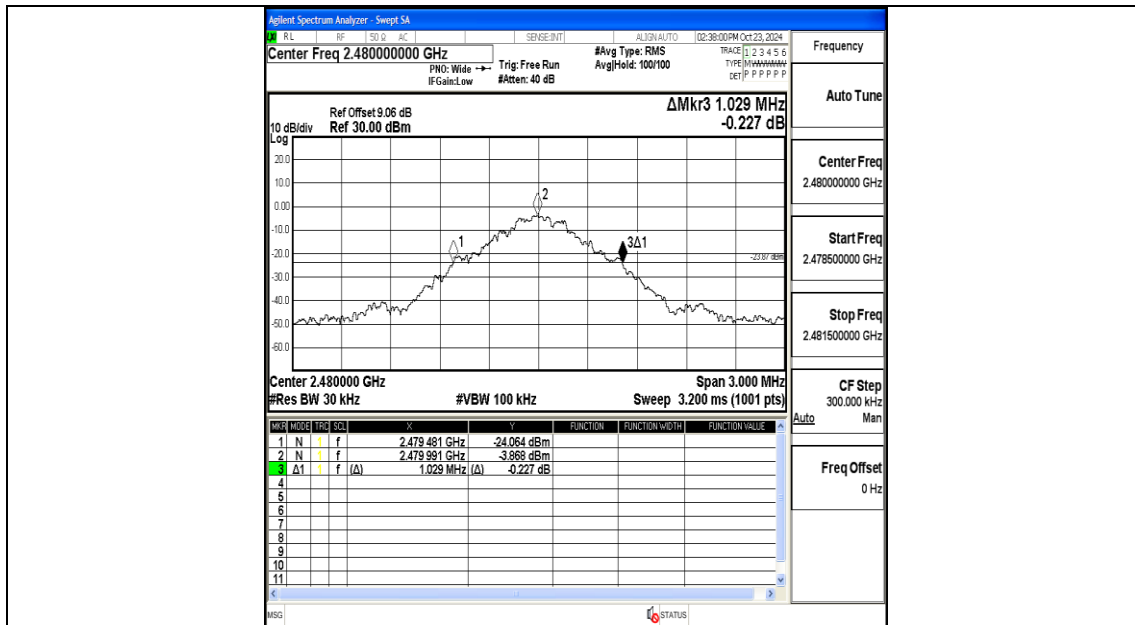
Appendix A: 20dB Emission Bandwidth

Test Result

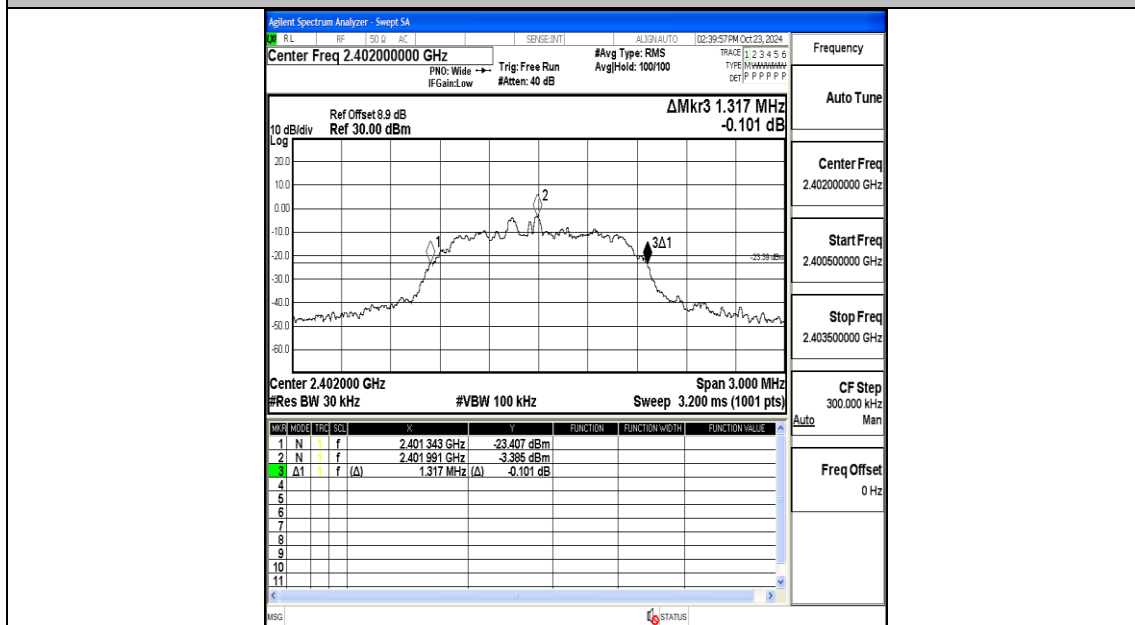
Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	1.011	2401.493	2402.504	---	---
DH5	Ant1	2441	1.047	2440.472	2441.519	---	---
DH5	Ant1	2480	1.029	2479.481	2480.510	---	---
2DH5	Ant1	2402	1.317	2401.343	2402.660	---	---
2DH5	Ant1	2441	1.320	2440.337	2441.657	---	---
2DH5	Ant1	2480	1.338	2479.331	2480.669	---	---

Test Graphs

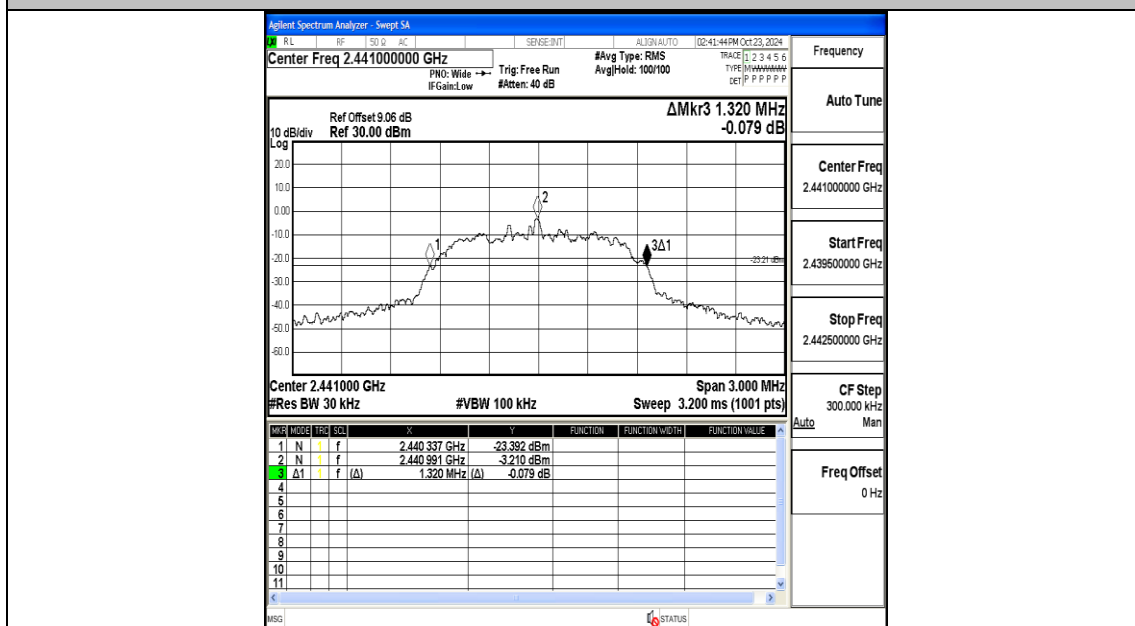




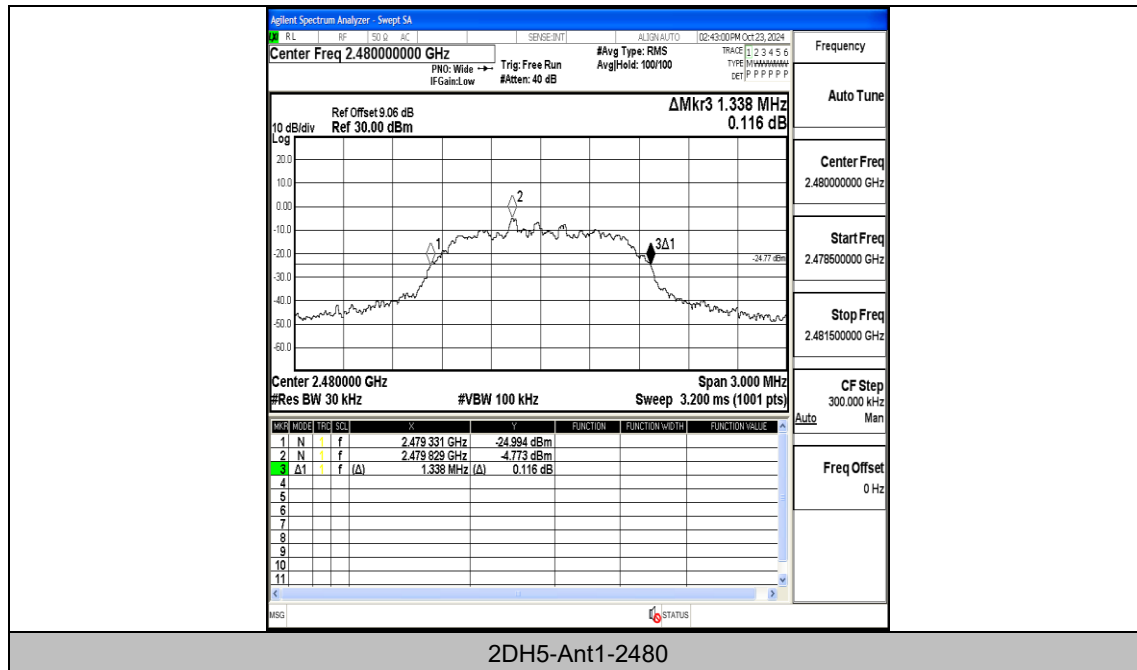
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441

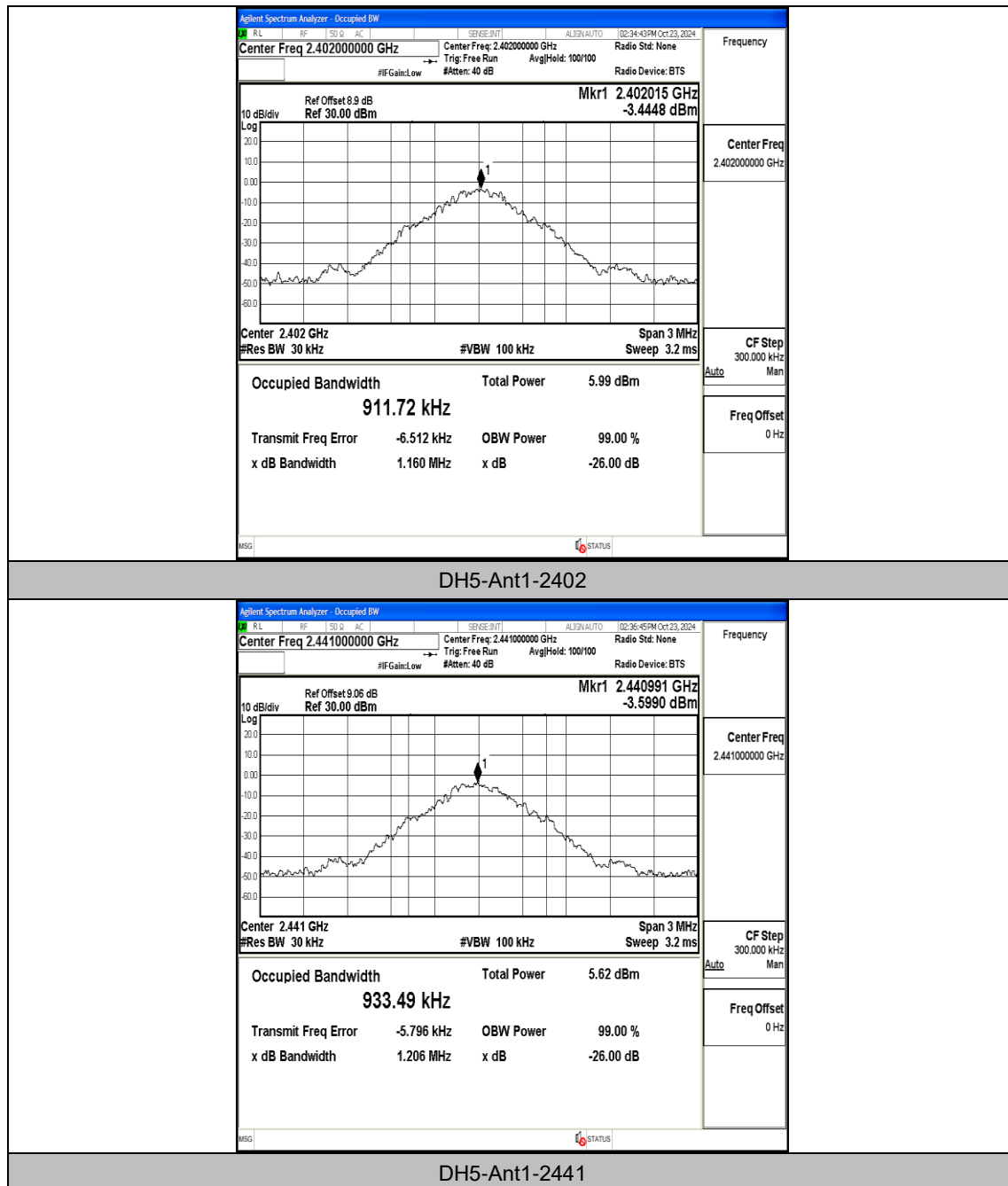


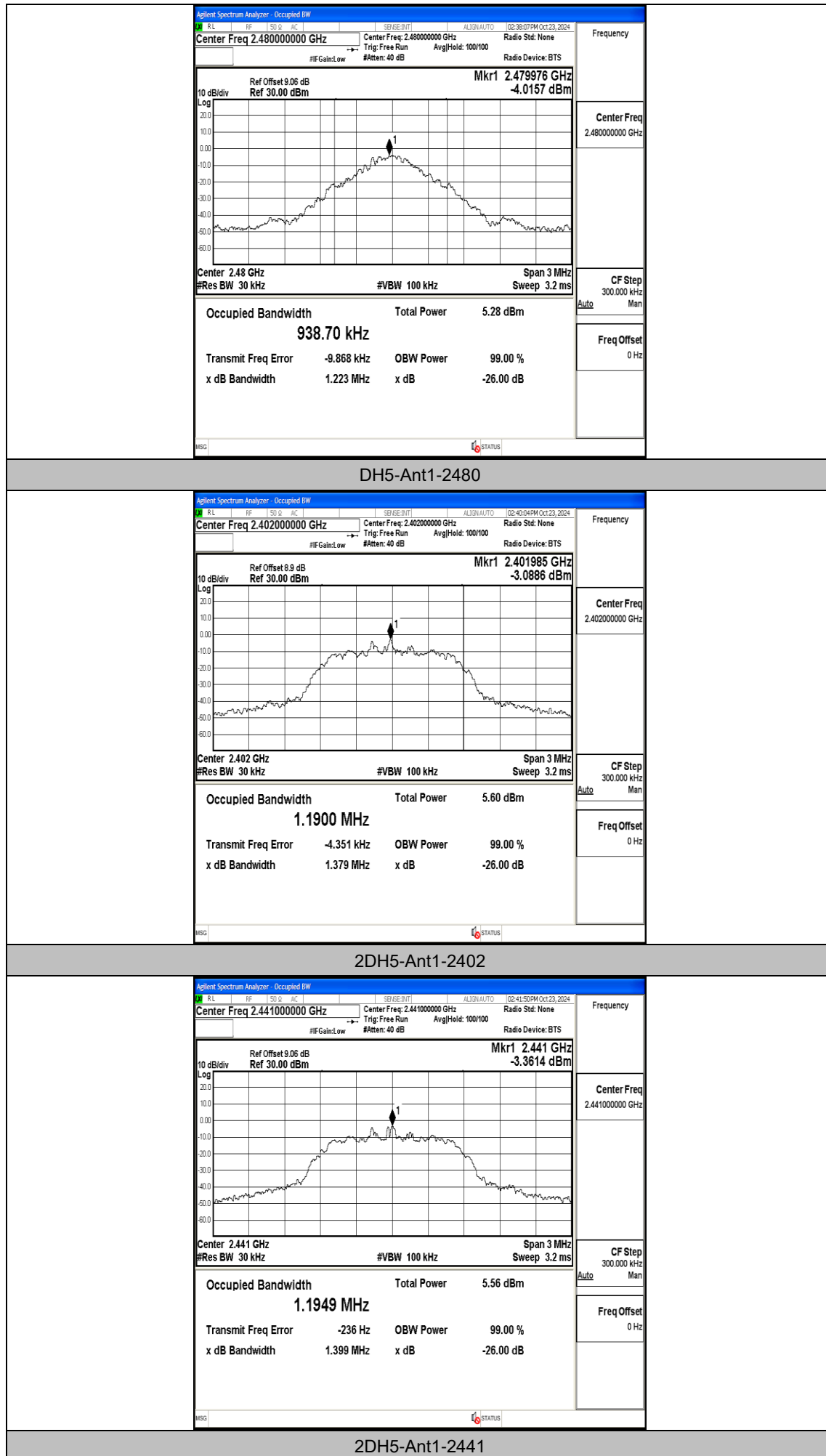
Appendix B: Occupied Channel Bandwidth

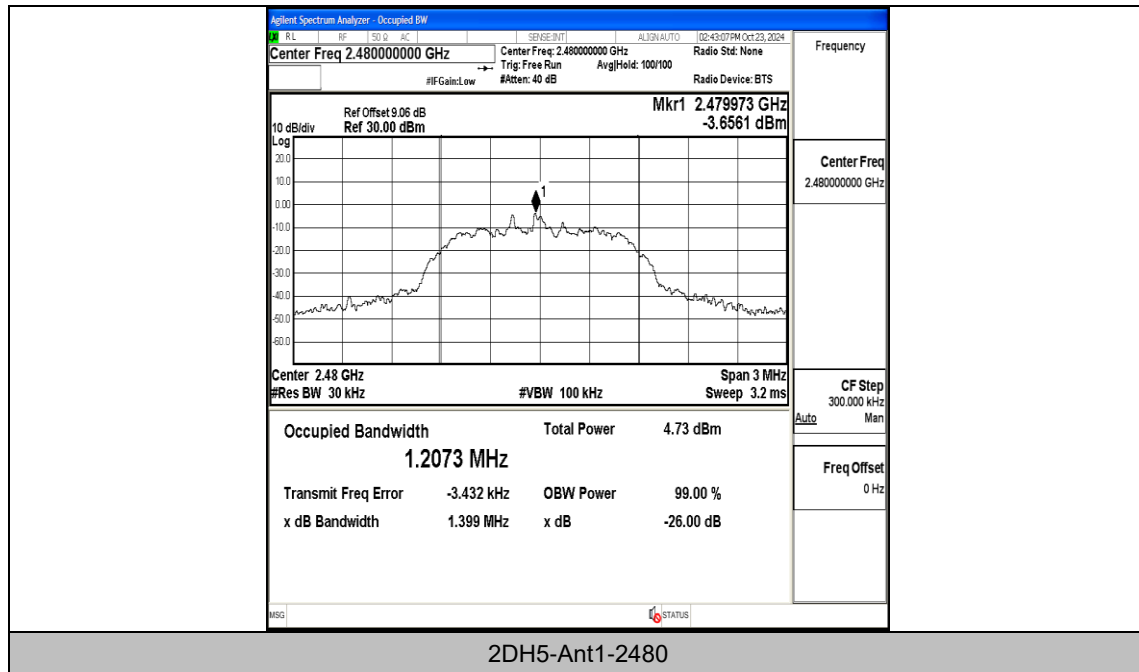
Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.91172	2401.5376	2402.4494	---	---
DH5	Ant1	2441	0.93349	2440.5275	2441.4609	---	---
DH5	Ant1	2480	0.93870	2479.5208	2480.4595	---	---
2DH5	Ant1	2402	1.1900	2401.4007	2402.5907	---	---
2DH5	Ant1	2441	1.1949	2440.4023	2441.5972	---	---
2DH5	Ant1	2480	1.2073	2479.3929	2480.6002	---	---

Test Graphs





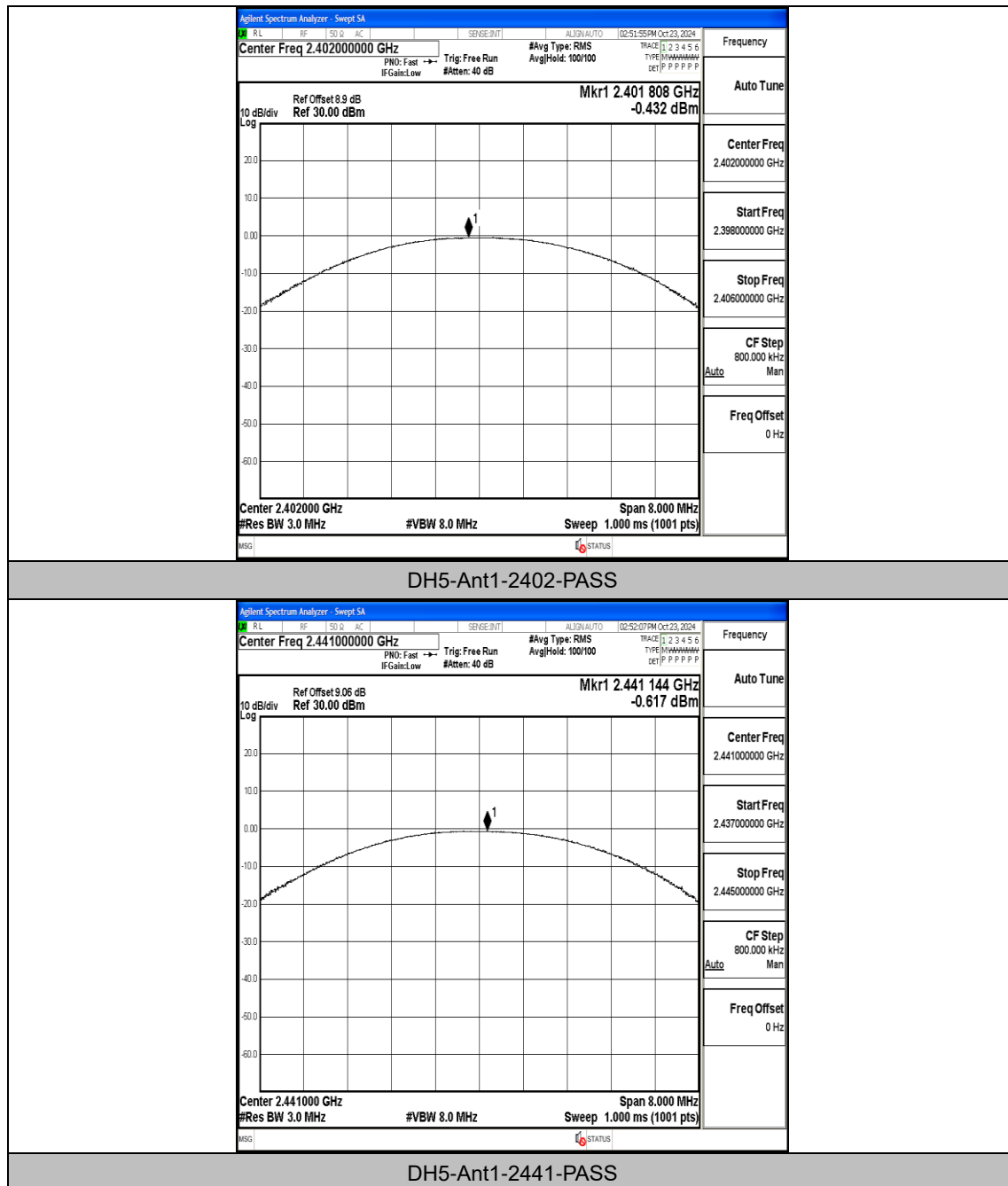


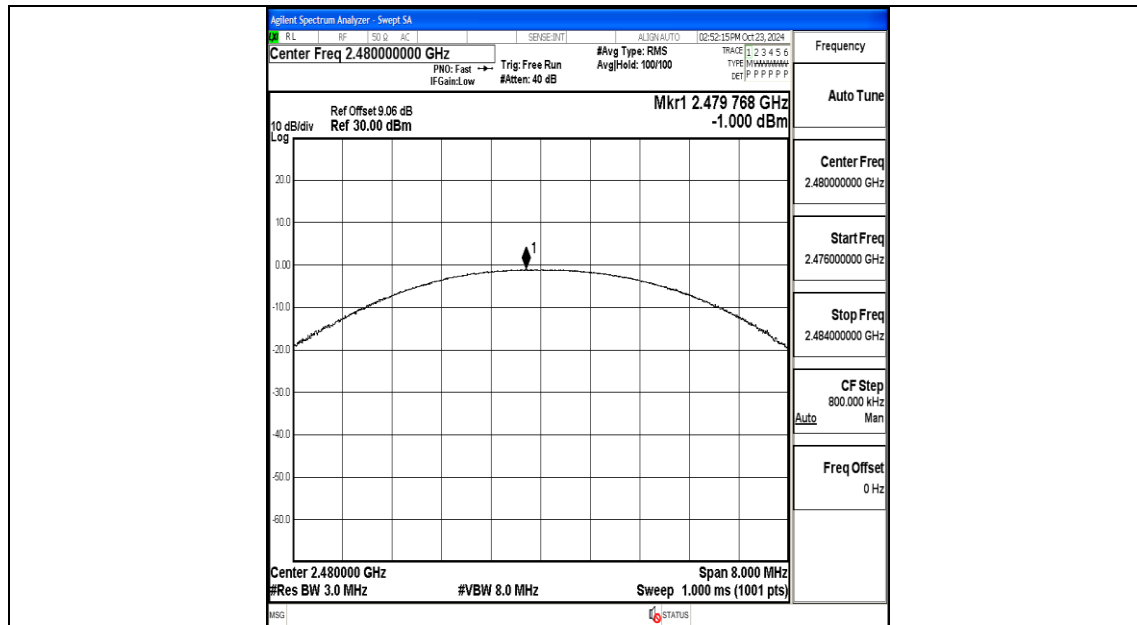
Appendix C: Maximum peak conducted output power

Test Result

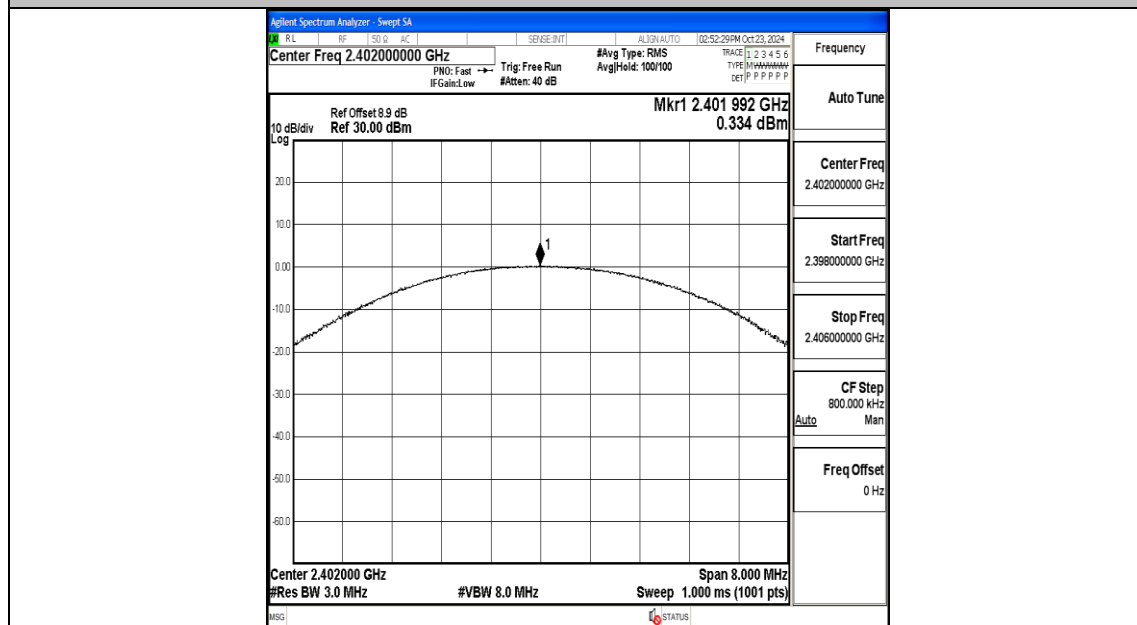
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
DH5	Ant1	2402	-0.43	≤20.97	PASS
DH5	Ant1	2441	-0.62	≤20.97	PASS
DH5	Ant1	2480	-1.00	≤20.97	PASS
2DH5	Ant1	2402	0.33	≤20.97	PASS
2DH5	Ant1	2441	0.21	≤20.97	PASS
2DH5	Ant1	2480	-0.32	≤20.97	PASS

Test Graphs

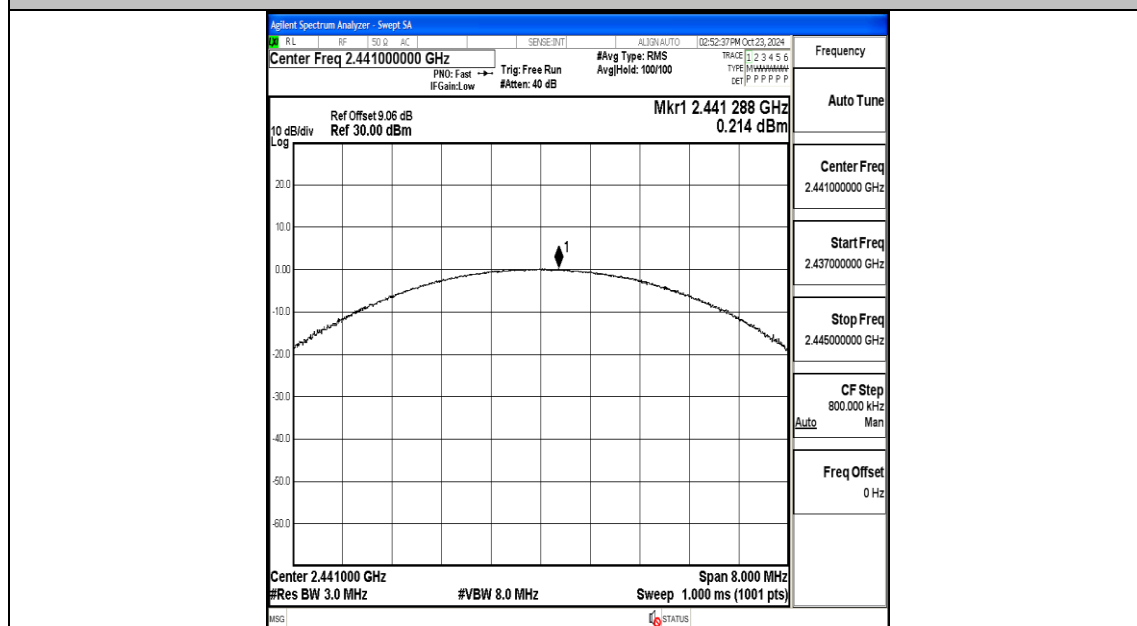




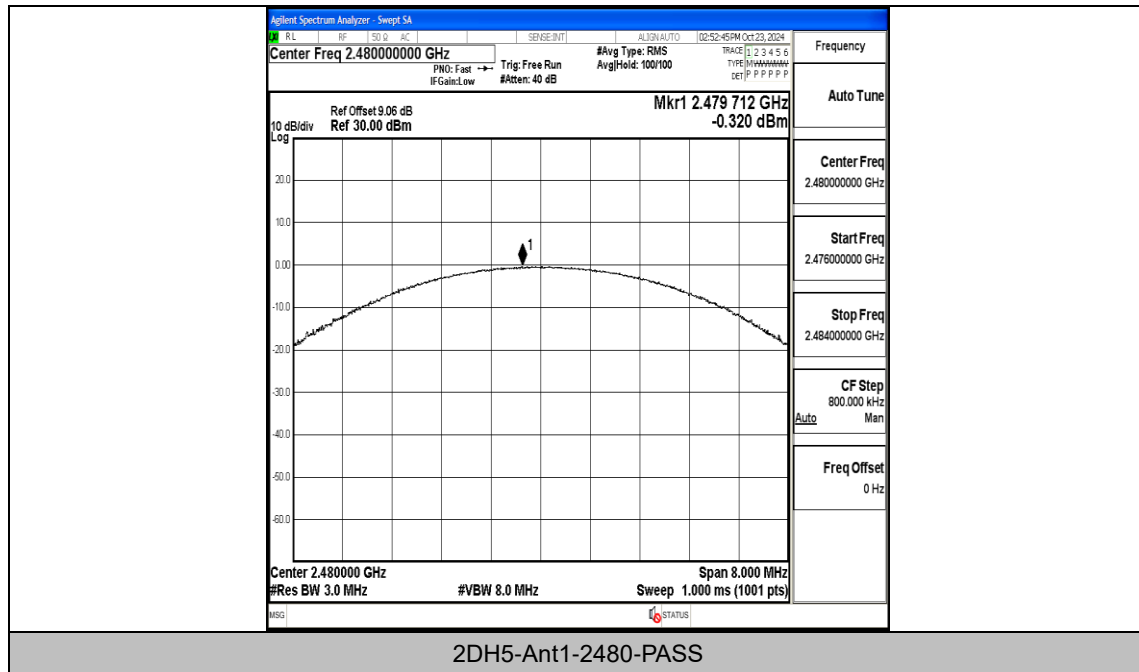
DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS

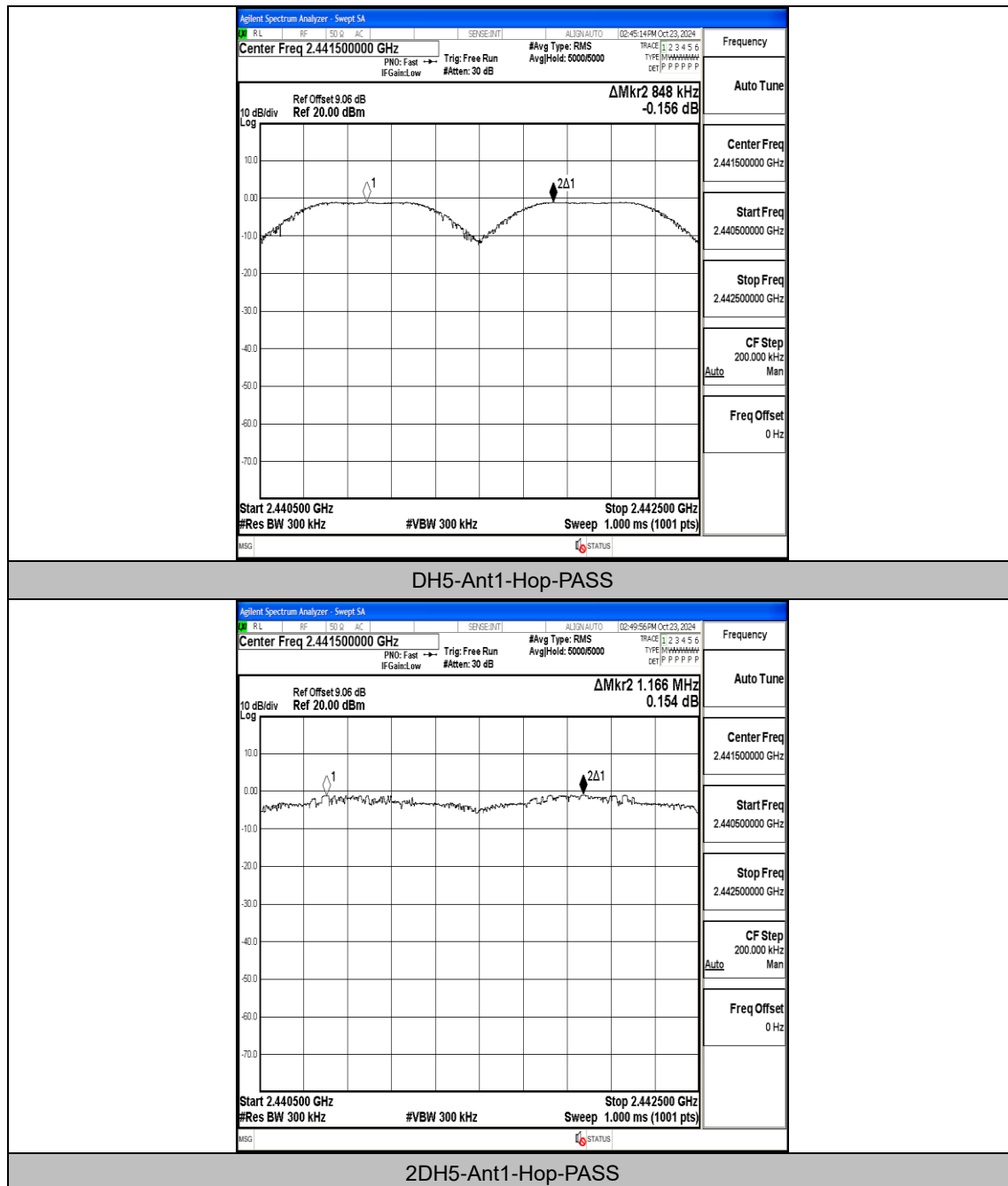


Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	0.848	≥0.698	PASS
2DH5	Ant1	Hop	1.166	≥0.892	PASS

Test Graphs

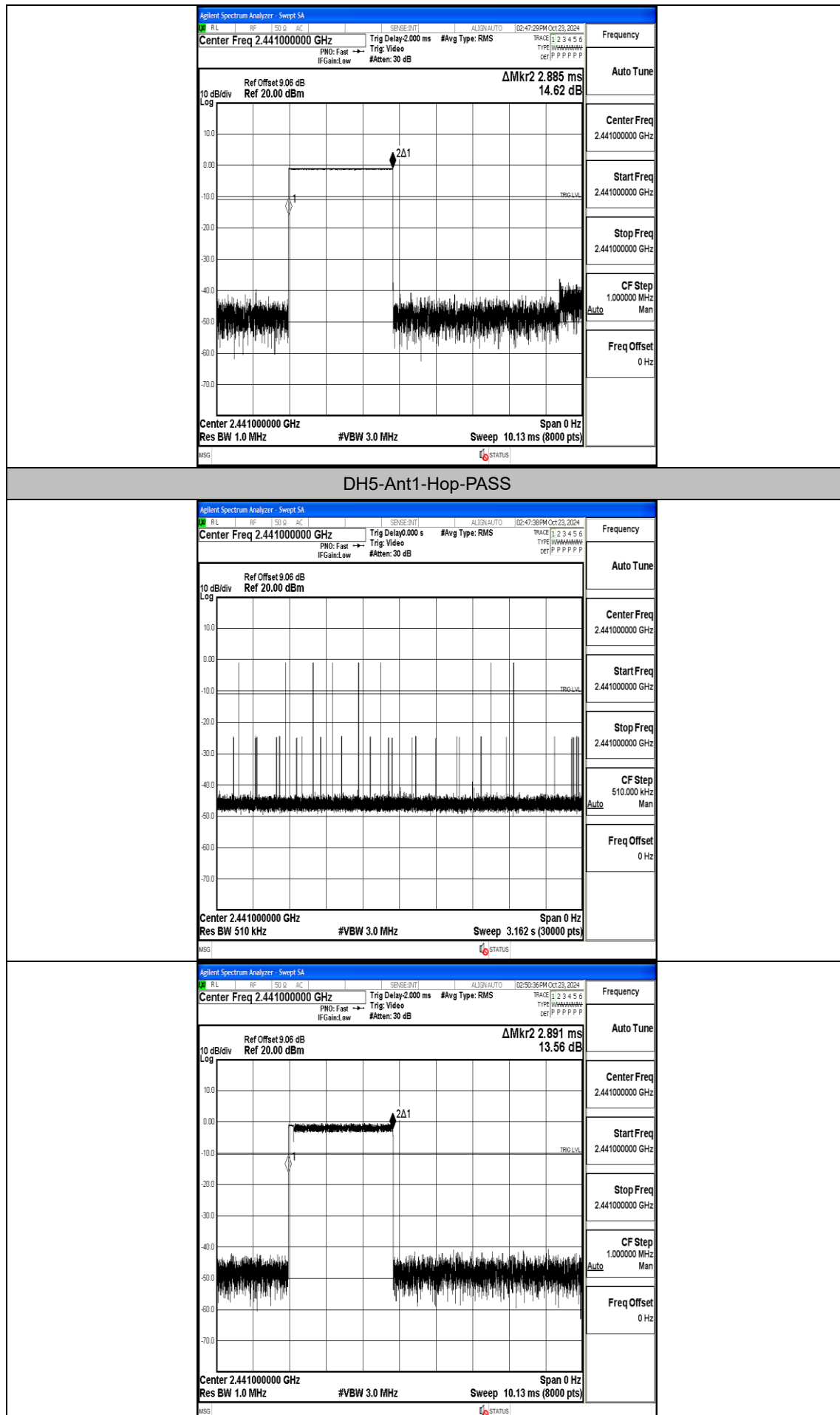


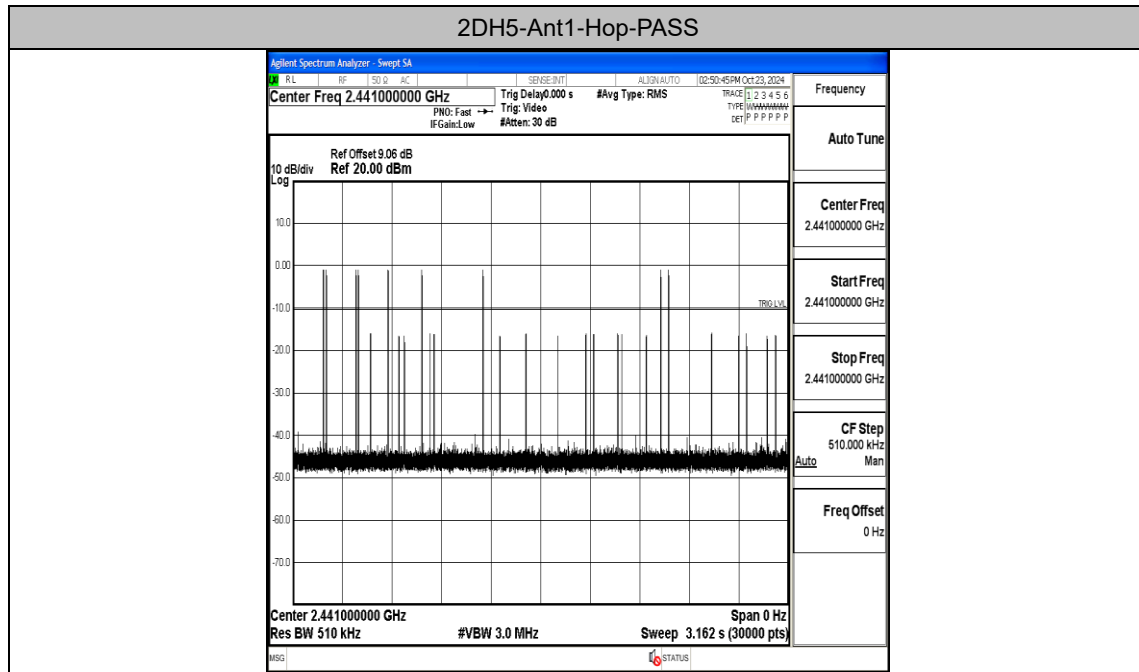
Appendix E: Time of occupancy

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	TotalHops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	90	0.26	≤0.4	PASS
2DH5	Ant1	Hop	2.891	100	0.289	≤0.4	PASS

Test Graphs



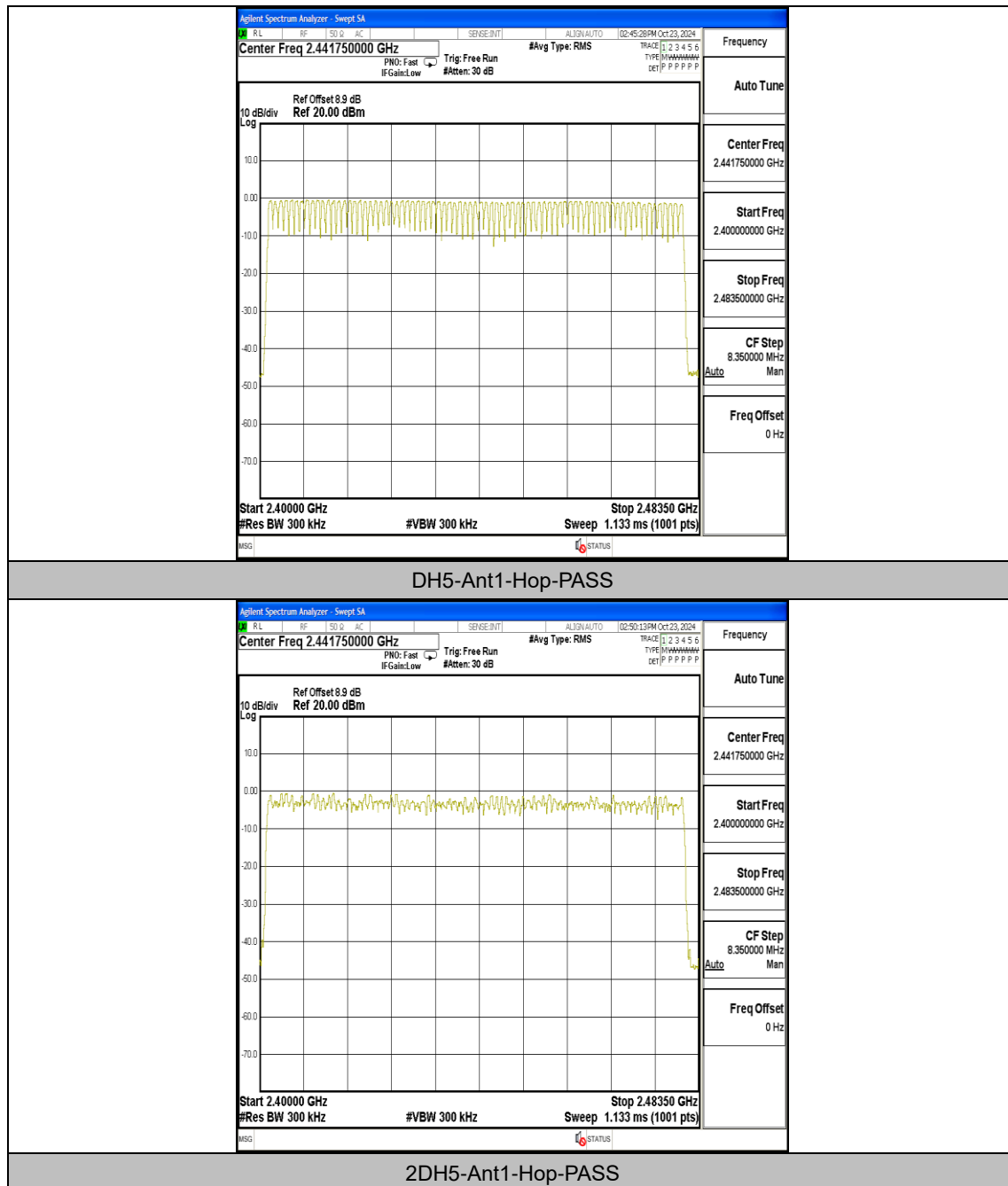


Appendix F: Number of hopping channels

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

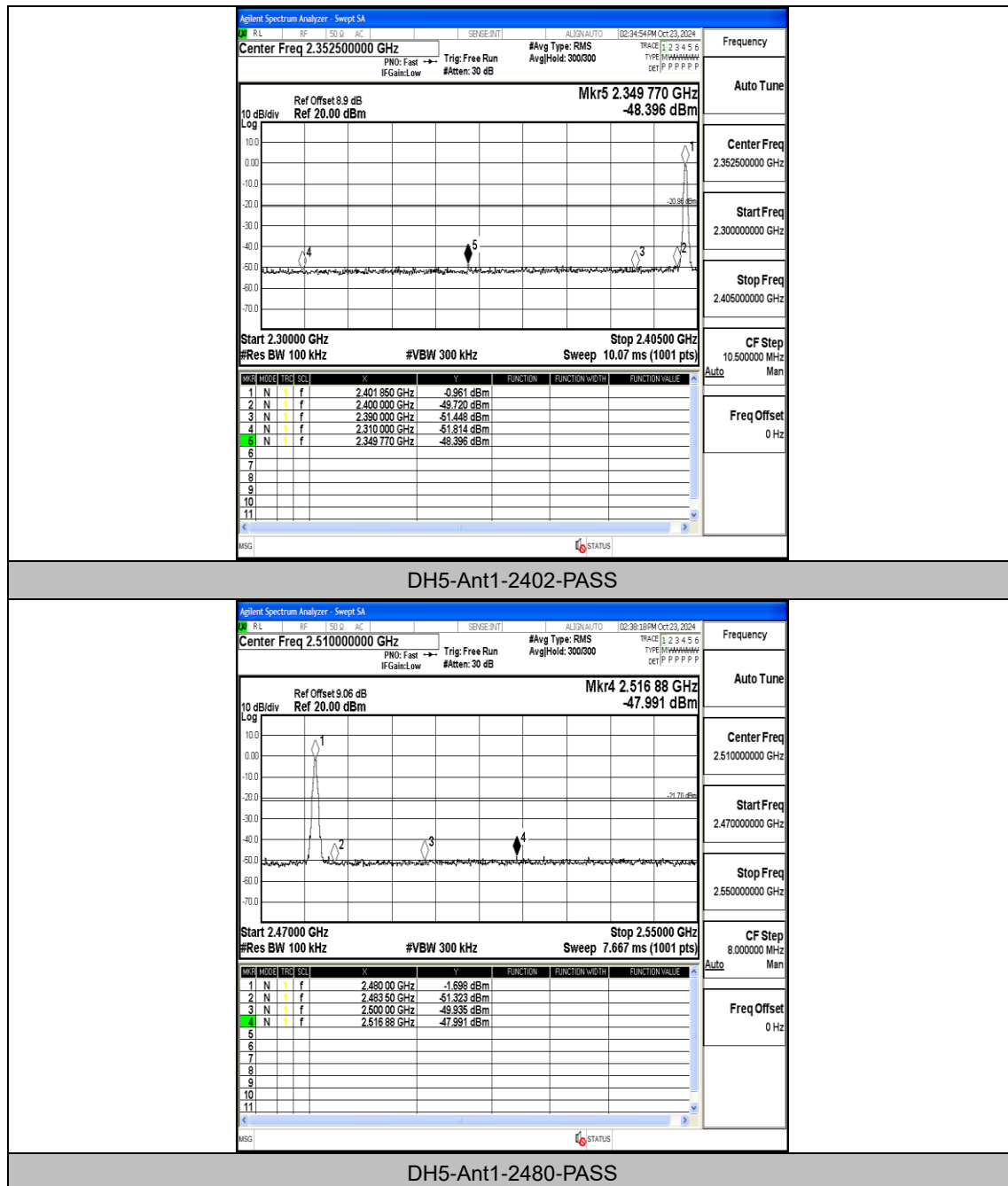


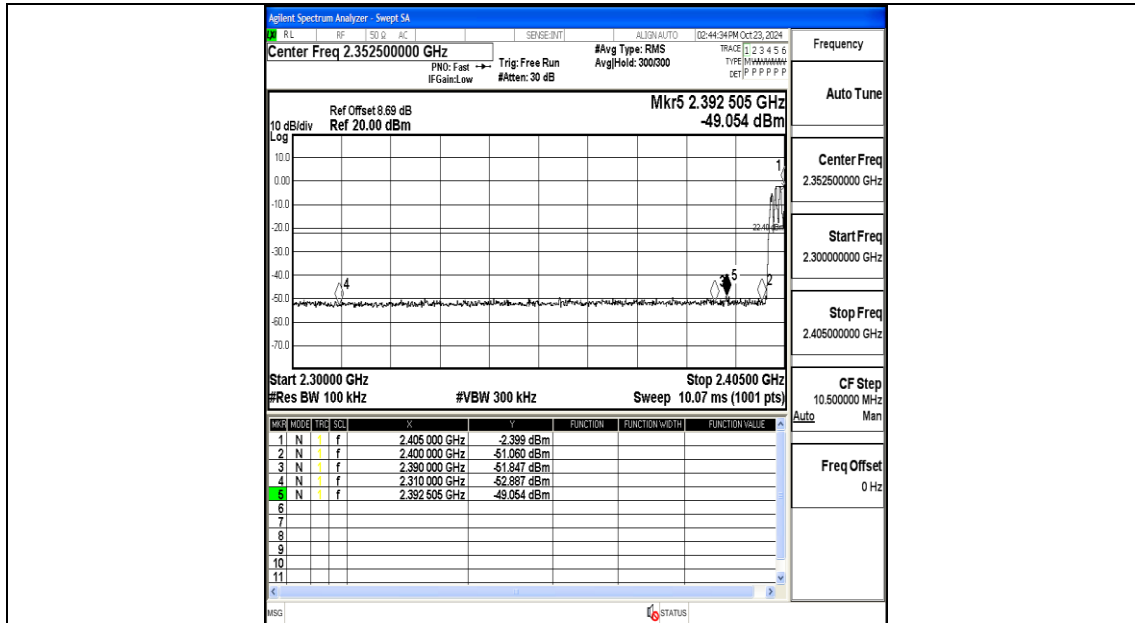
Appendix G: Band edge measurements

Test Result

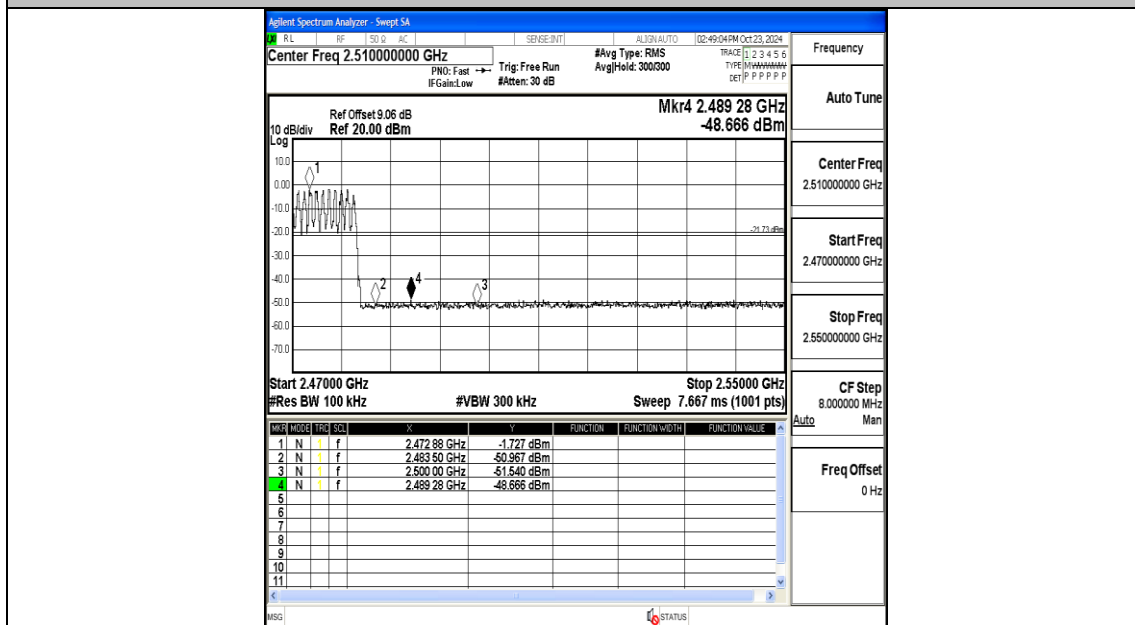
Test Mode	Antenna	Ch.Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.96	-48.4	≤ -20.96	PASS
DH5	Ant1	High	2480	-1.70	-47.99	≤ -21.7	PASS
DH5	Ant1	Low	Hop_2402	-2.40	-49.05	≤ -22.4	PASS
DH5	Ant1	High	Hop_2480	-1.73	-48.67	≤ -21.73	PASS
2DH5	Ant1	Low	2402	-0.99	-49.16	≤ -20.99	PASS
2DH5	Ant1	High	2480	-1.26	-48.07	≤ -21.26	PASS
2DH5	Ant1	Low	Hop_2402	-6.47	-49.35	≤ -26.47	PASS
2DH5	Ant1	High	Hop_2480	-4.01	-48.78	≤ -24.01	PASS

Test Graphs

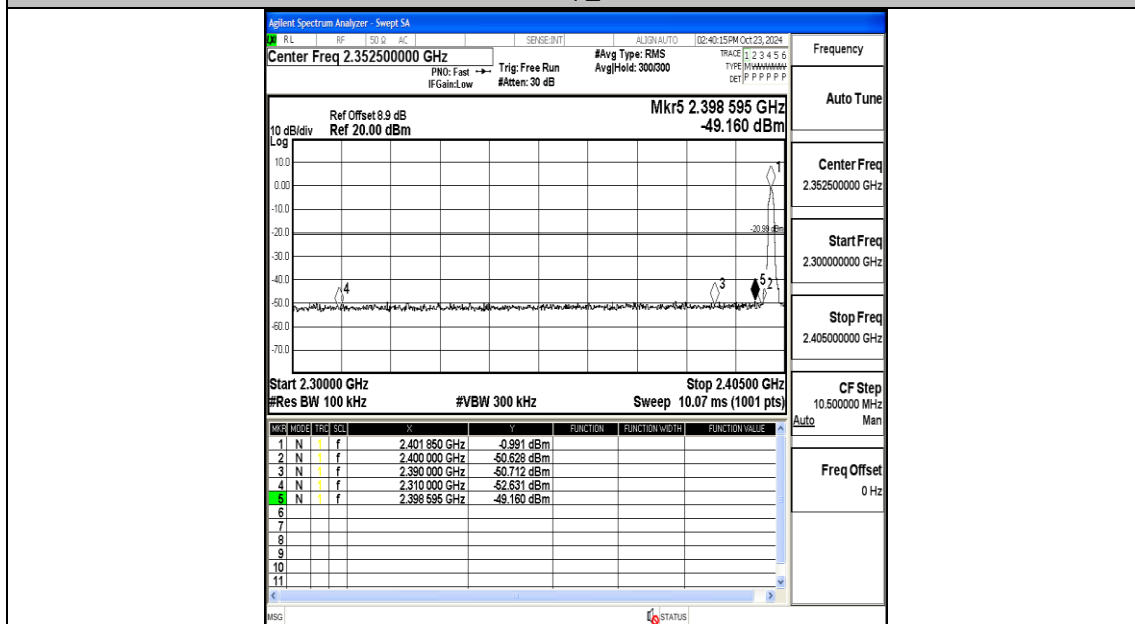




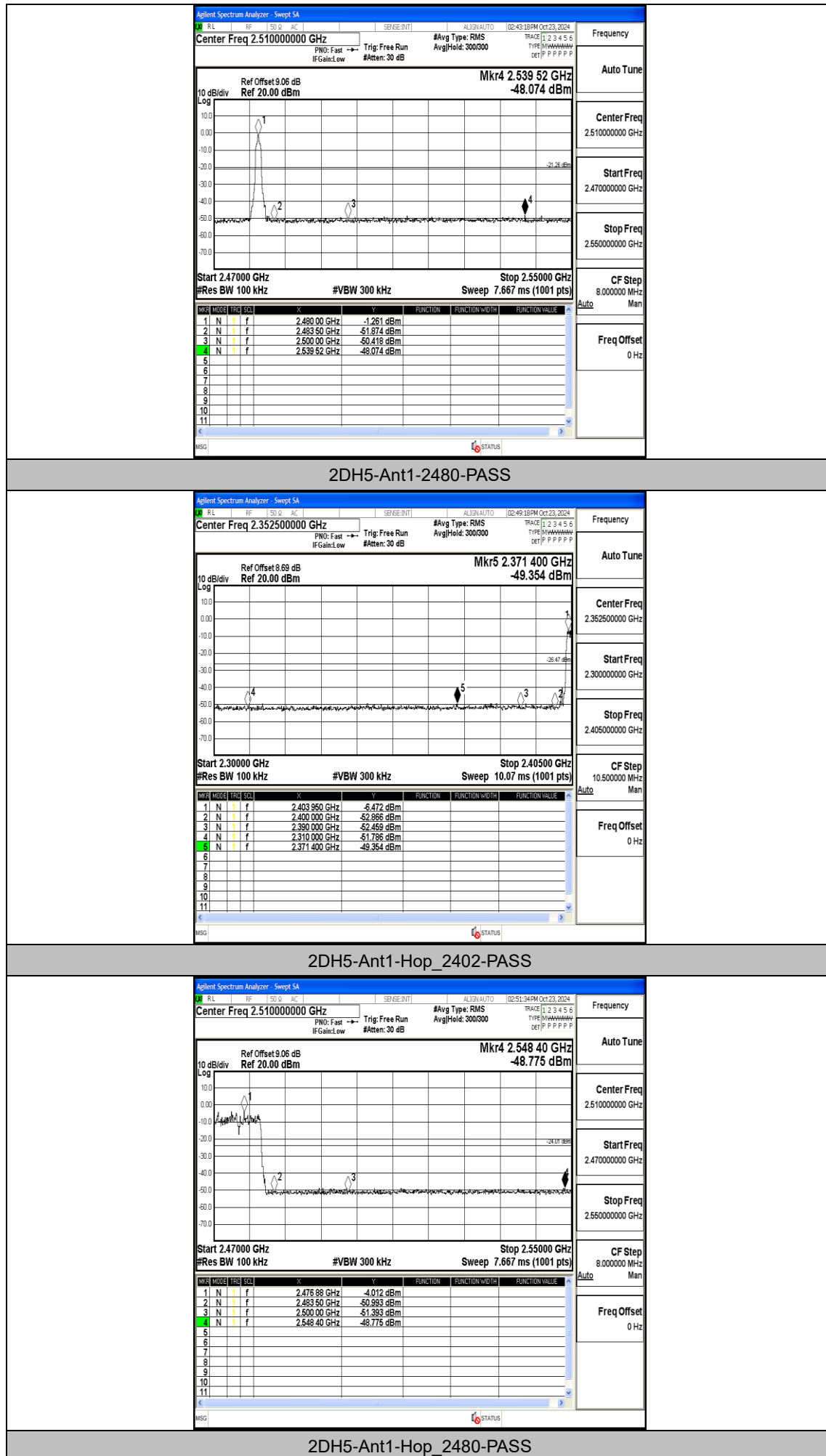
DH5-Ant1-Hop_2402-PASS



DH5-Ant1-Hop_2480-PASS



2DH5-Ant1-2402-PASS

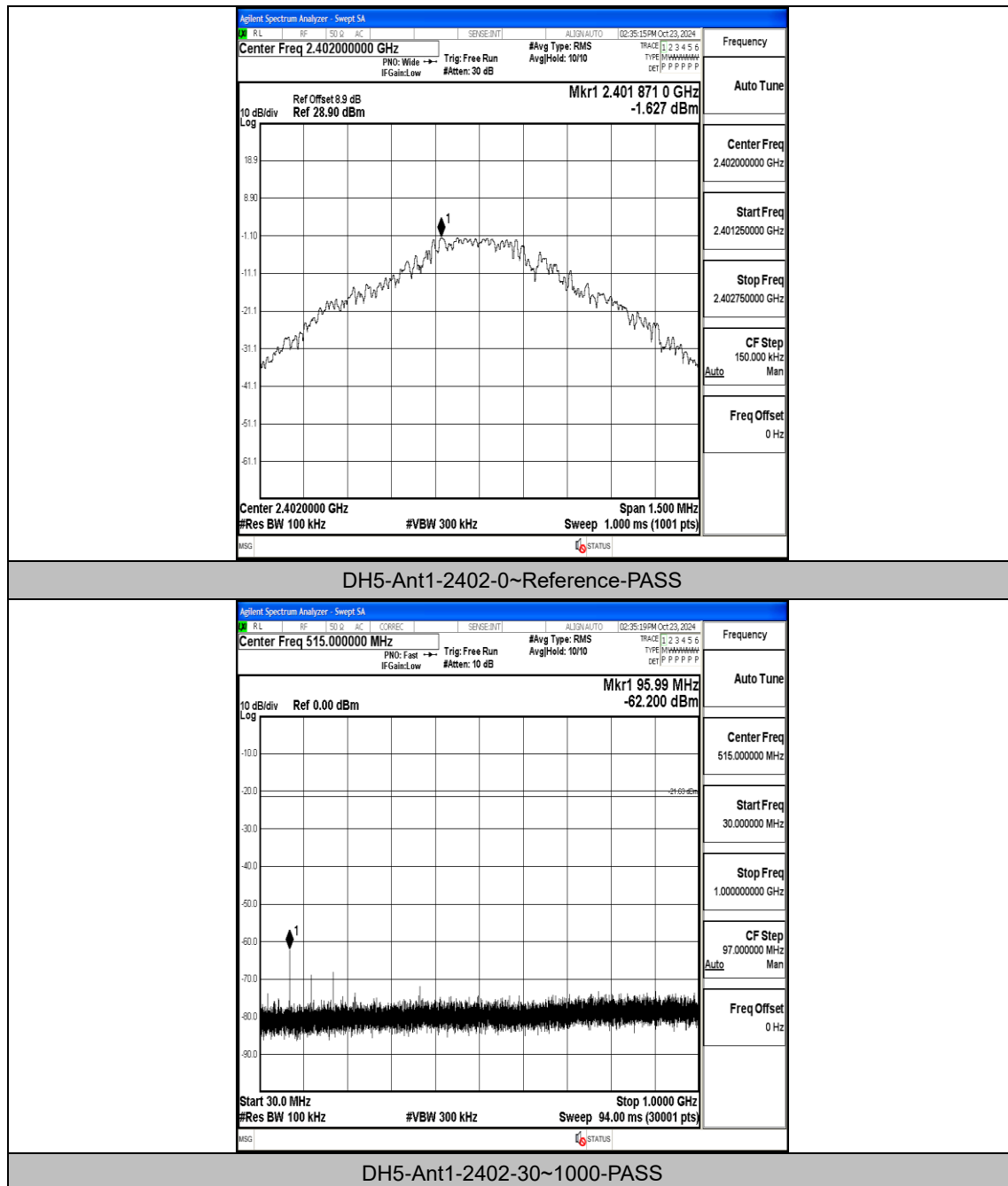


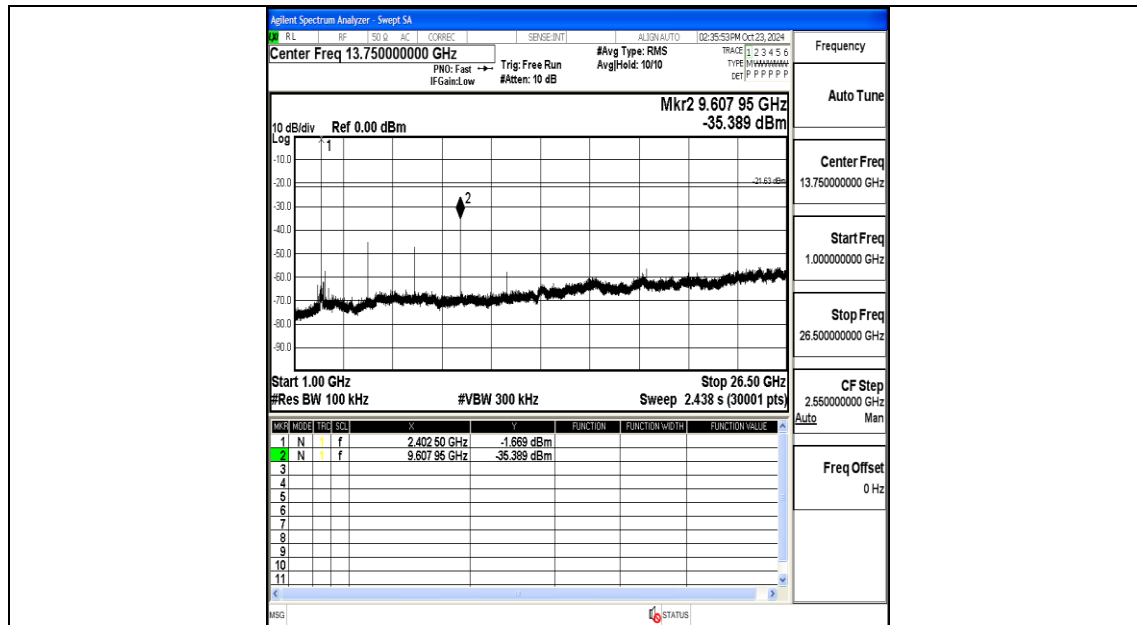
Appendix H: Conducted Spurious Emission

Test Result

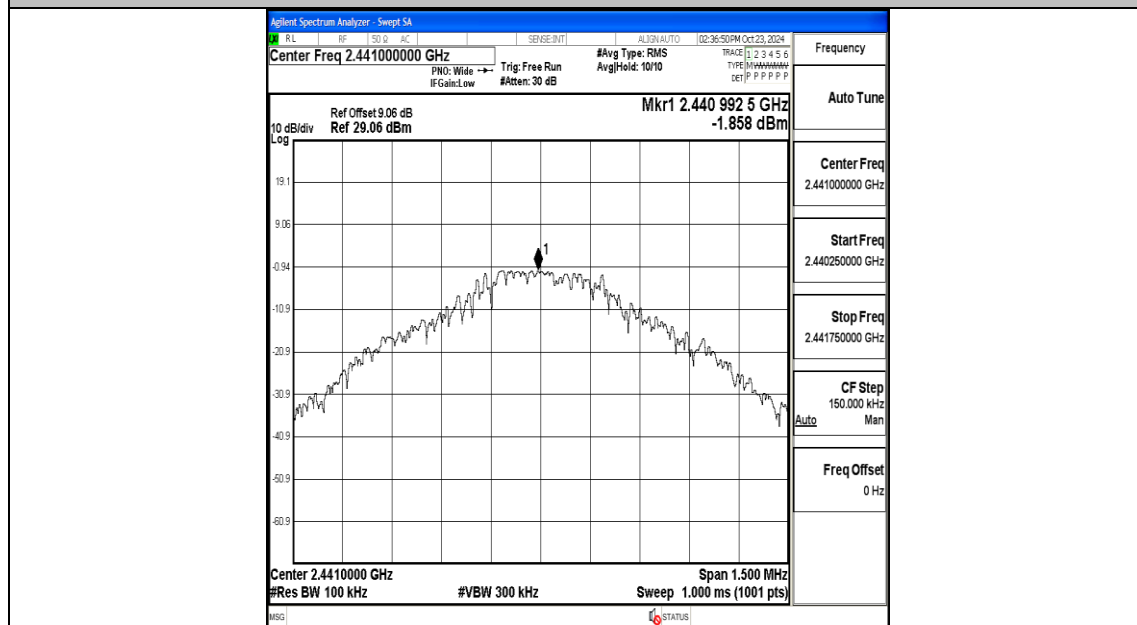
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-1.63	-1.63	---	PASS
DH5	Ant1	2402	30~1000	-1.63	-62.2	≤-21.63	PASS
DH5	Ant1	2402	1000~26500	-1.63	-35.39	≤-21.63	PASS
DH5	Ant1	2441	0~Reference	-1.86	-1.86	---	PASS
DH5	Ant1	2441	30~1000	-1.86	-67.88	≤-21.86	PASS
DH5	Ant1	2441	1000~26500	-1.86	-36.13	≤-21.86	PASS
DH5	Ant1	2480	0~Reference	-2.27	-2.27	---	PASS
DH5	Ant1	2480	30~1000	-2.27	-62.41	≤-22.27	PASS
DH5	Ant1	2480	1000~26500	-2.27	-34.1	≤-22.27	PASS
2DH5	Ant1	2402	0~Reference	-4.18	-4.18	---	PASS
2DH5	Ant1	2402	30~1000	-4.18	-68.19	≤-24.18	PASS
2DH5	Ant1	2402	1000~26500	-4.18	-34.51	≤-24.18	PASS
2DH5	Ant1	2441	0~Reference	-2.68	-2.68	---	PASS
2DH5	Ant1	2441	30~1000	-2.68	-68.17	≤-22.68	PASS
2DH5	Ant1	2441	1000~26500	-2.68	-34.08	≤-22.68	PASS
2DH5	Ant1	2480	0~Reference	-5.84	-5.84	---	PASS
2DH5	Ant1	2480	30~1000	-5.84	-67.89	≤-25.84	PASS
2DH5	Ant1	2480	1000~26500	-5.84	-33.83	≤-25.84	PASS

Test Graphs

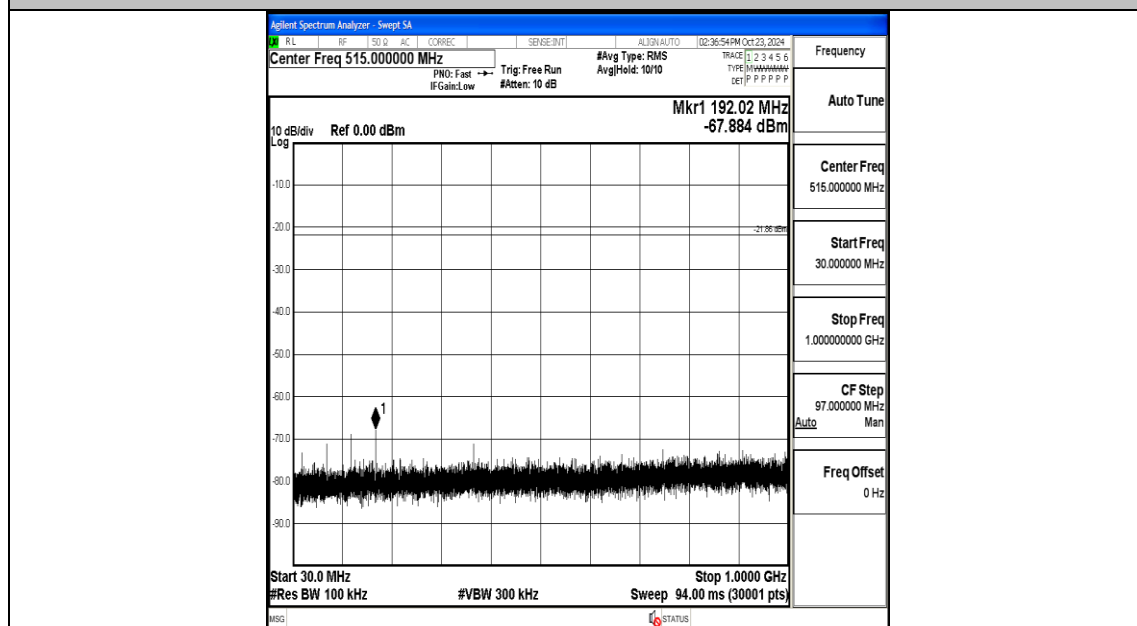




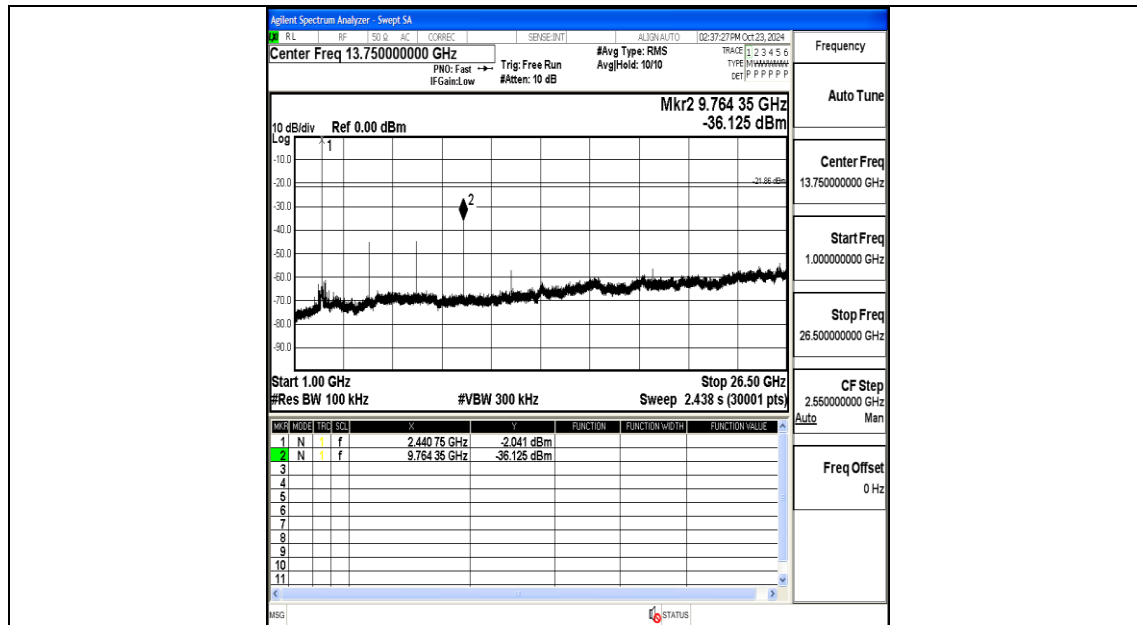
DH5-Ant1-2402-1000~26500-PASS



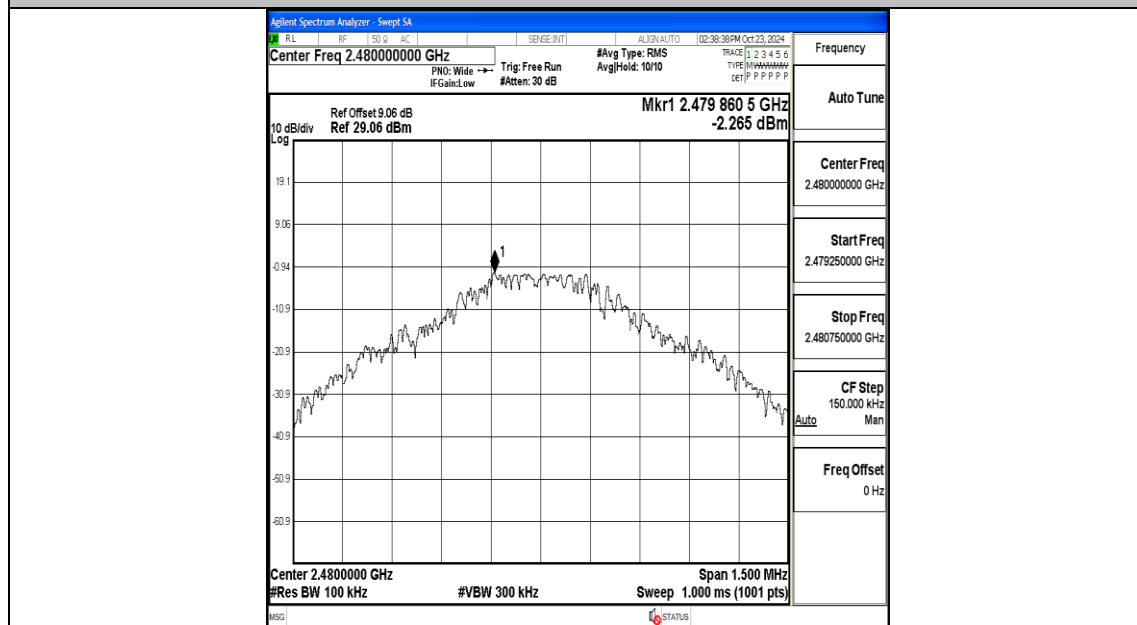
DH5-Ant1-2441-0~Reference-PASS



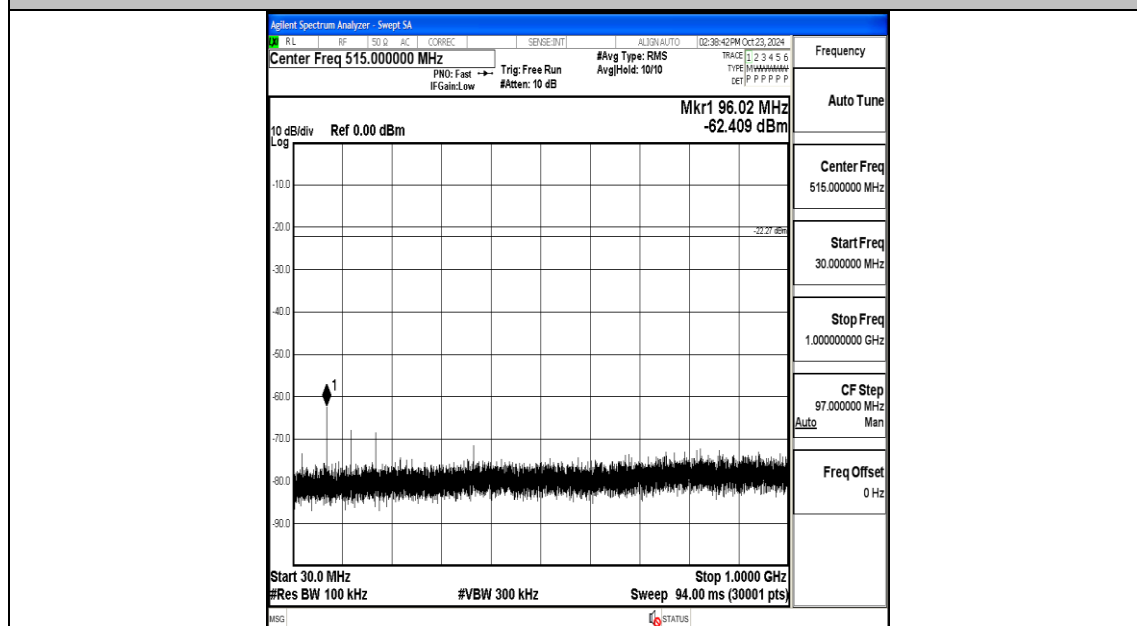
DH5-Ant1-2441-30~1000-PASS



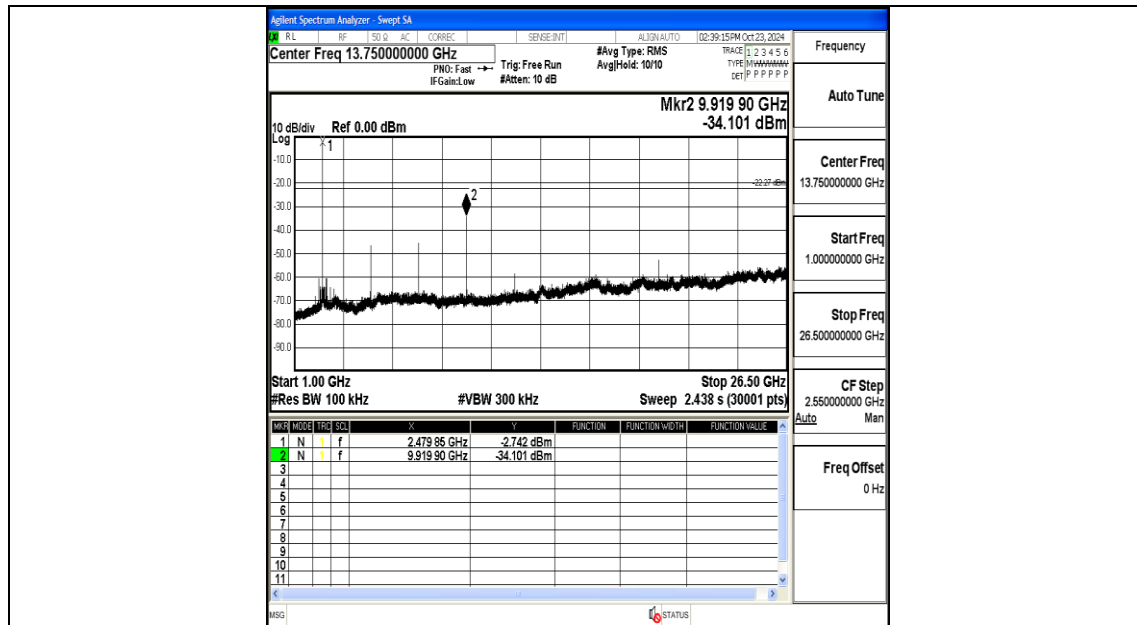
DH5-Ant1-2441-1000~26500-PASS



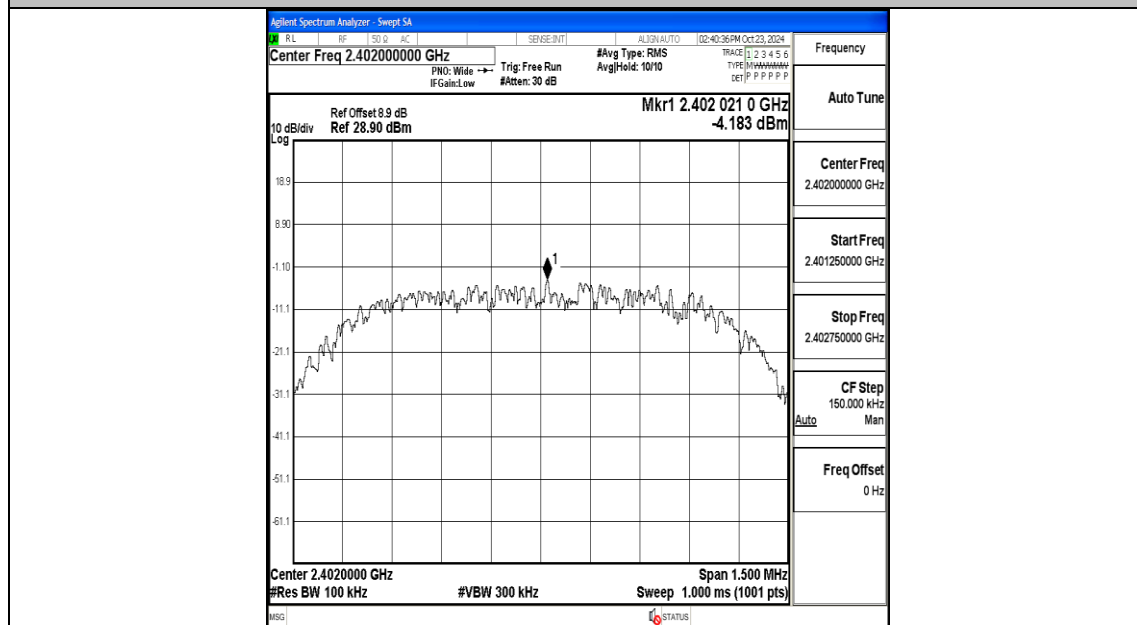
DH5-Ant1-2480-0~Reference-PASS



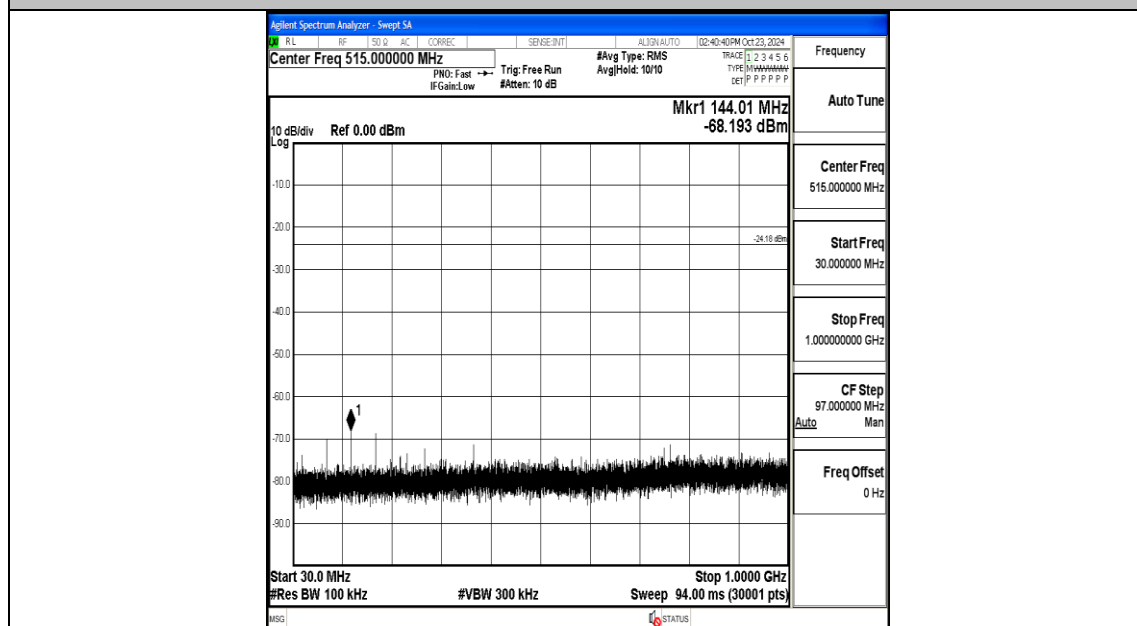
DH5-Ant1-2480-30~1000-PASS



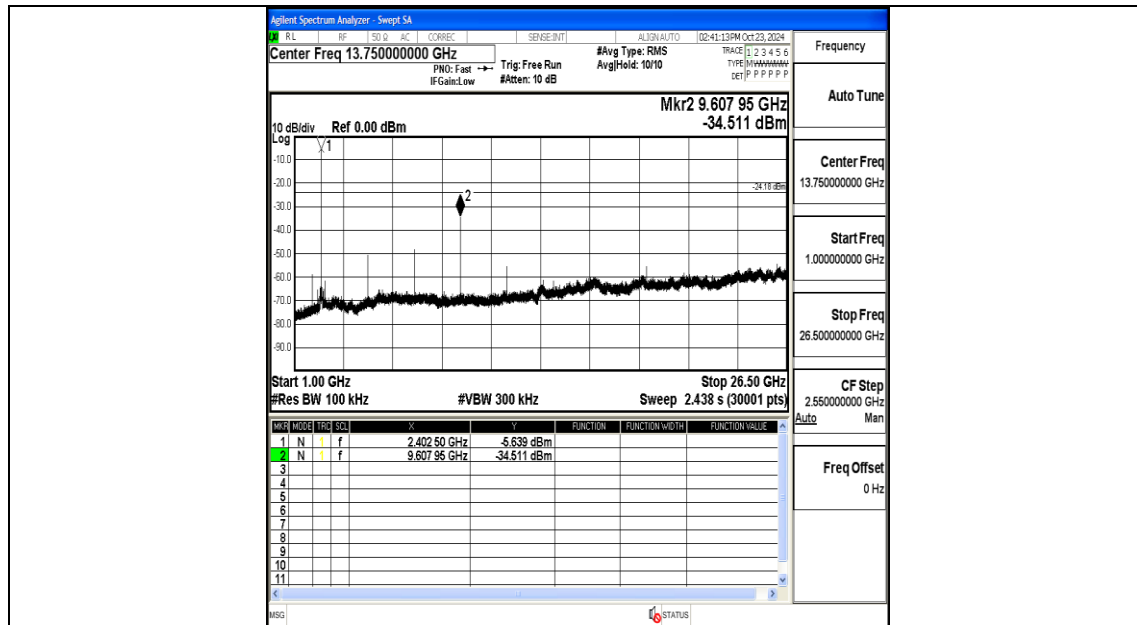
DH5-Ant1-2480-1000~26500-PASS



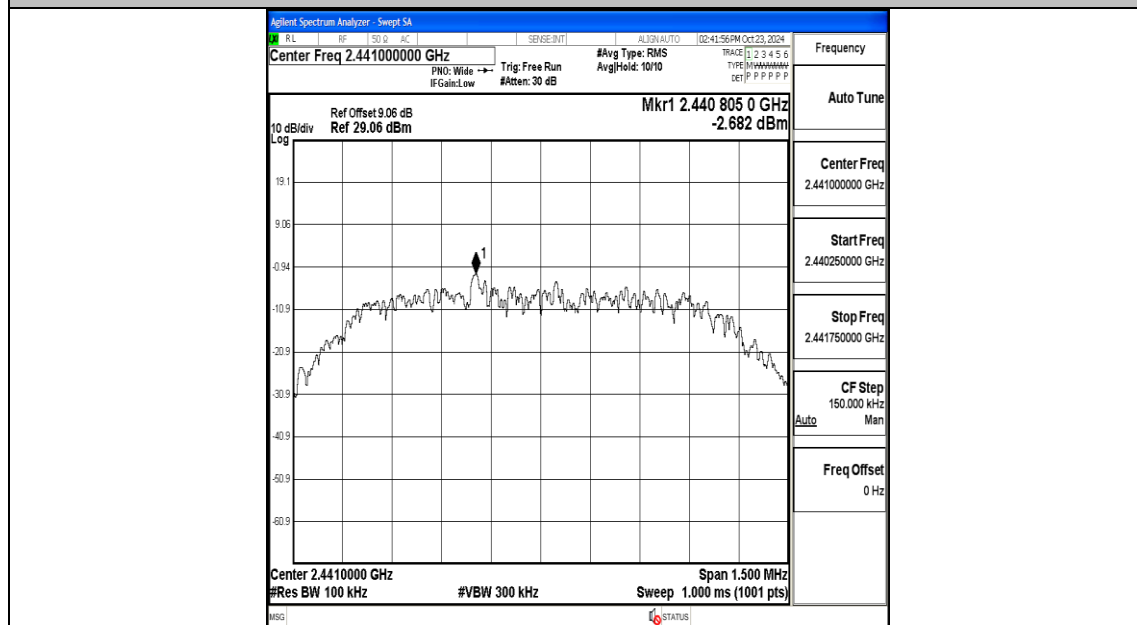
2DH5-Ant1-2402-0~Reference-PASS



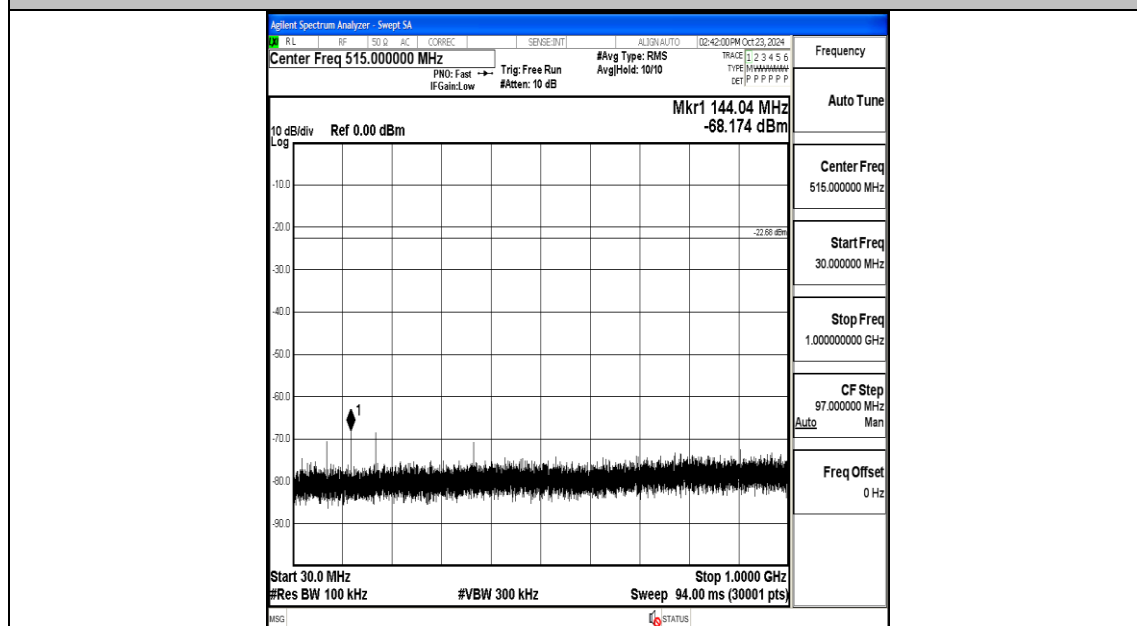
2DH5-Ant1-2402-30~1000-PASS



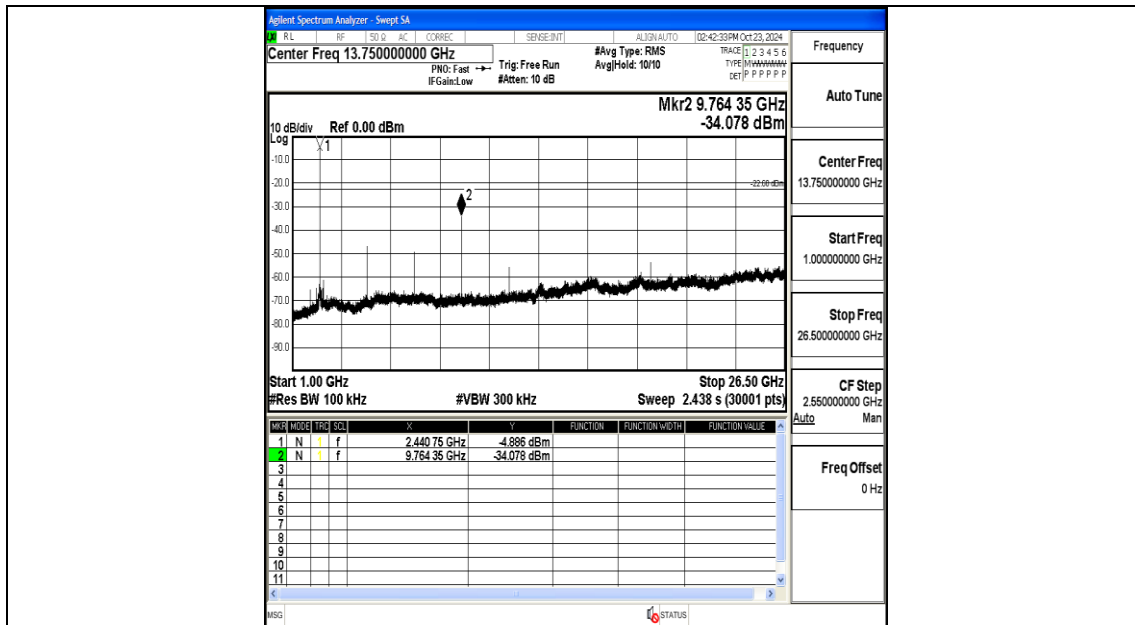
2DH5-Ant1-2402-1000~26500-PASS



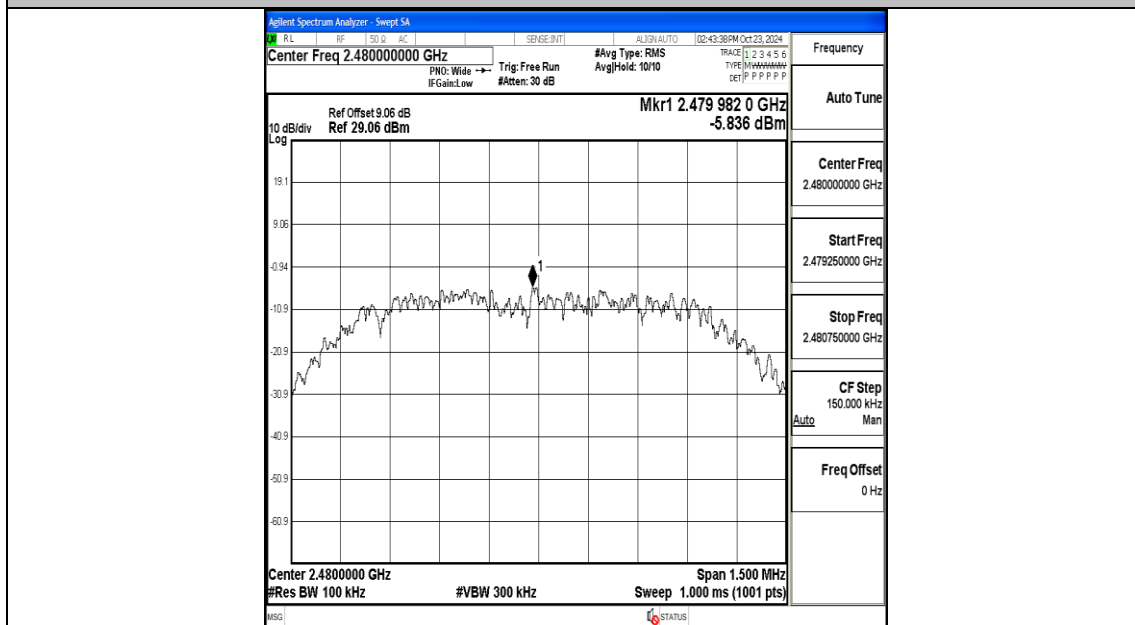
2DH5-Ant1-2441-0~Reference-PASS



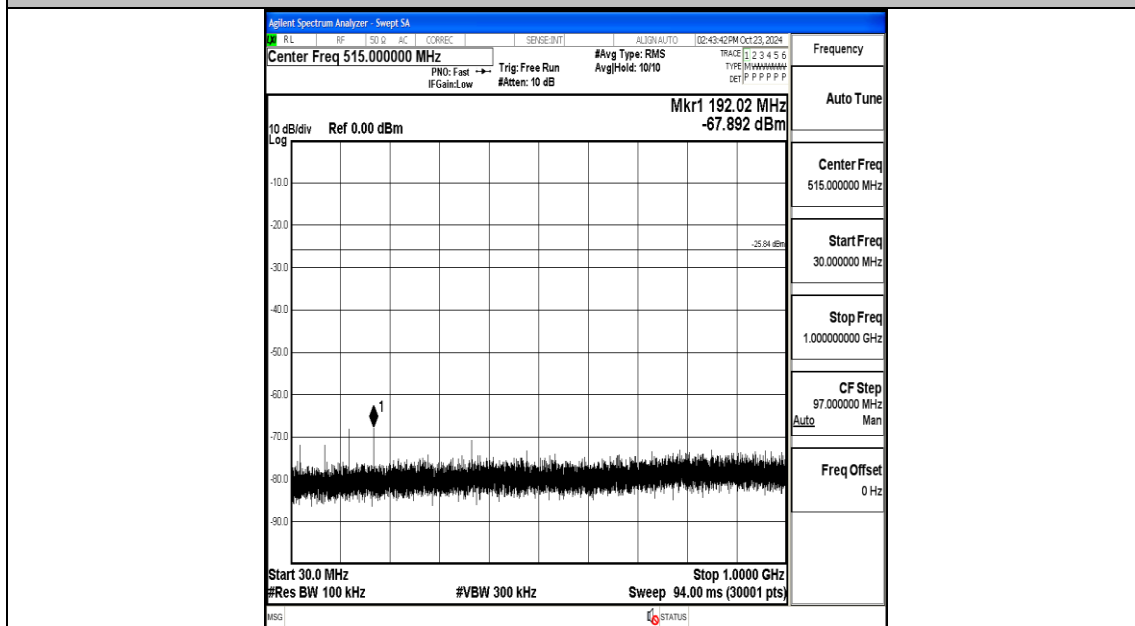
2DH5-Ant1-2441-30~1000-PASS



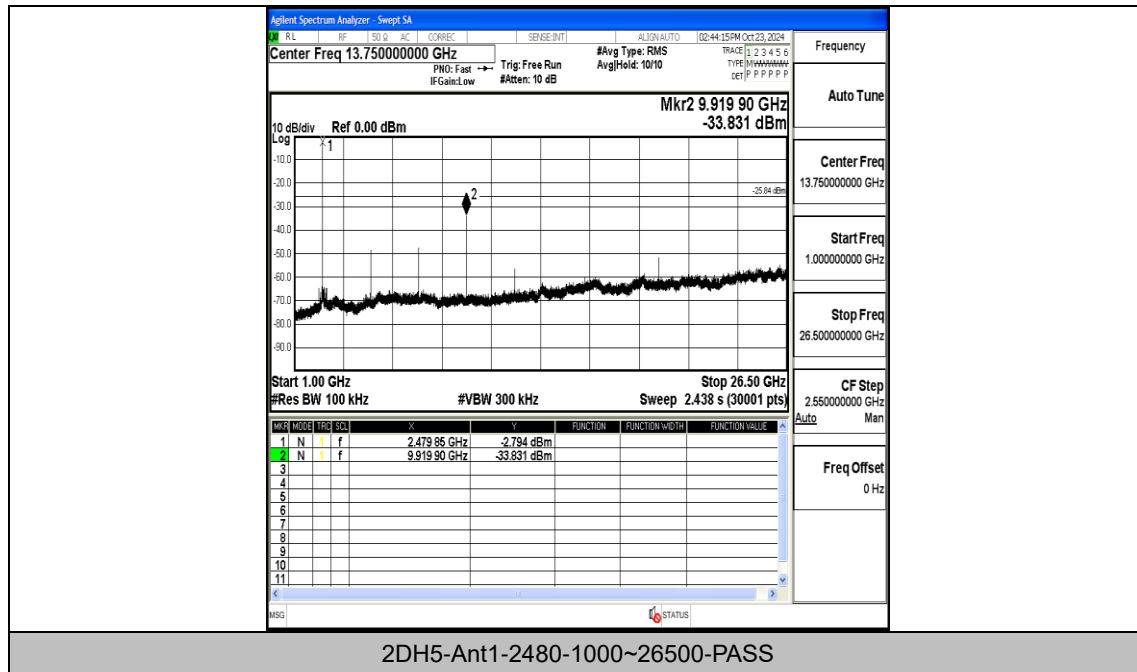
2DH5-Ant1-2441-1000~26500-PASS



2DH5-Ant1-2480-0~Reference-PASS



2DH5-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	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.75	77.07	1.13

Test Graphs

