

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

Product Name: PD flasher adapter

Trade Mark: /

Test Model: PD-100

FCC ID: 2BMKO-PD100

Environmental Conditions

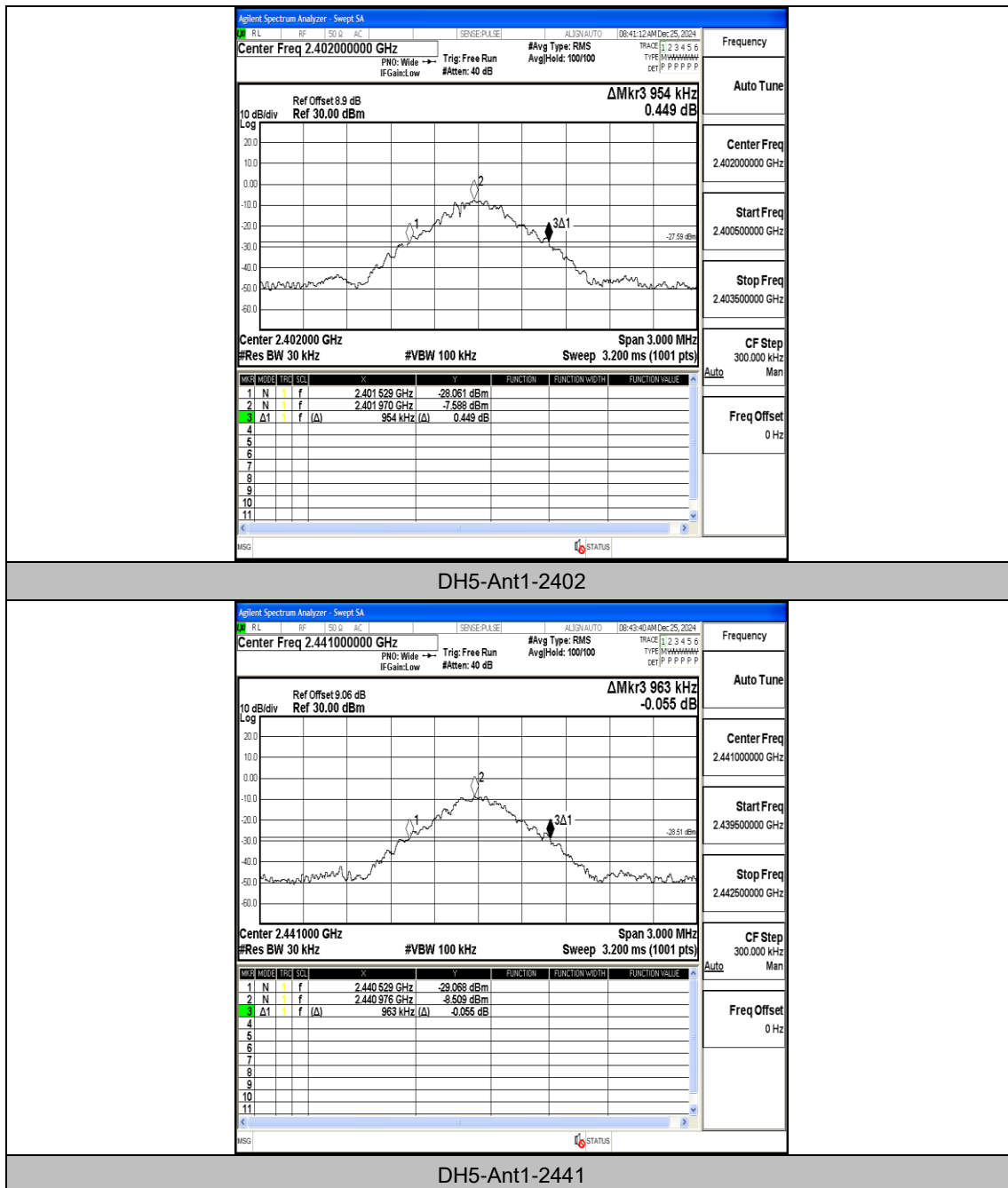
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

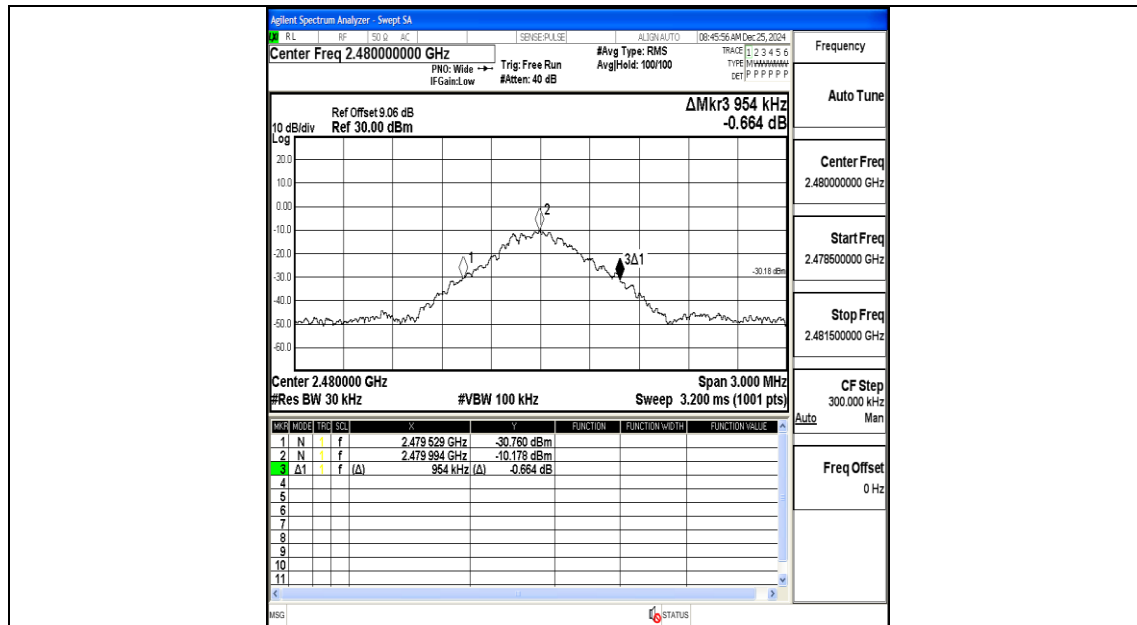
Appendix A: 20dB Emission Bandwidth

Test Result

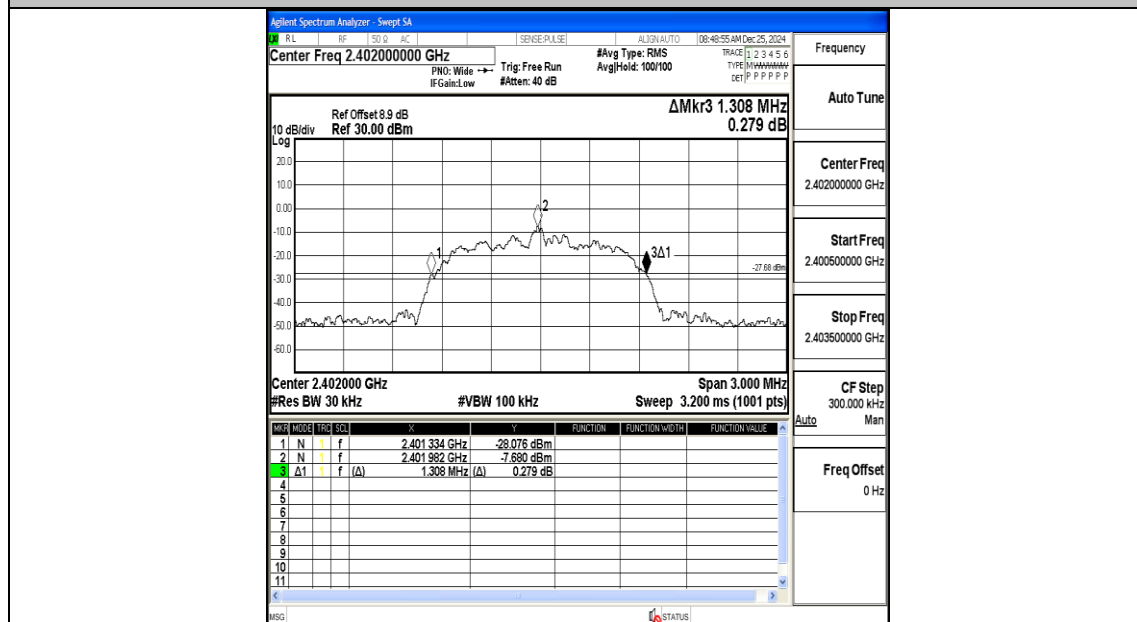
Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.954	2401.529	2402.483	---	---
DH5	Ant1	2441	0.963	2440.529	2441.492	---	---
DH5	Ant1	2480	0.954	2479.529	2480.483	---	---
2DH5	Ant1	2402	1.308	2401.334	2402.642	---	---
2DH5	Ant1	2441	1.317	2440.334	2441.651	---	---
2DH5	Ant1	2480	1.311	2479.331	2480.642	---	---
3DH5	Ant1	2402	1.320	2401.340	2402.660	---	---
3DH5	Ant1	2441	1.278	2440.349	2441.627	---	---
3DH5	Ant1	2480	1.326	2479.340	2480.666	---	---

Test Graphs

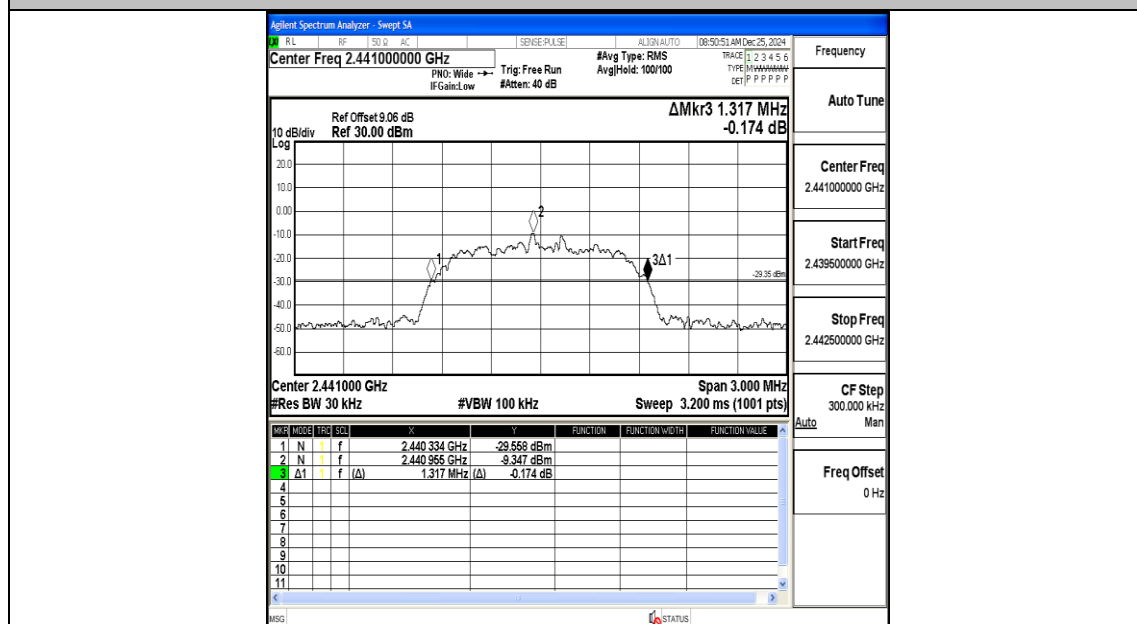




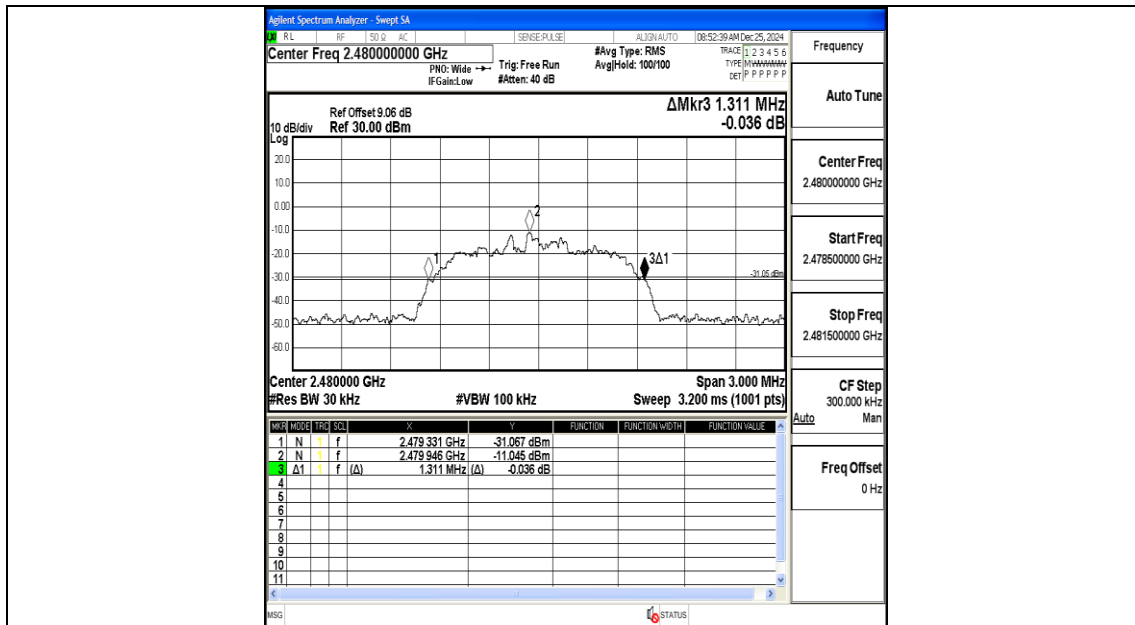
DH5-Ant1-2480



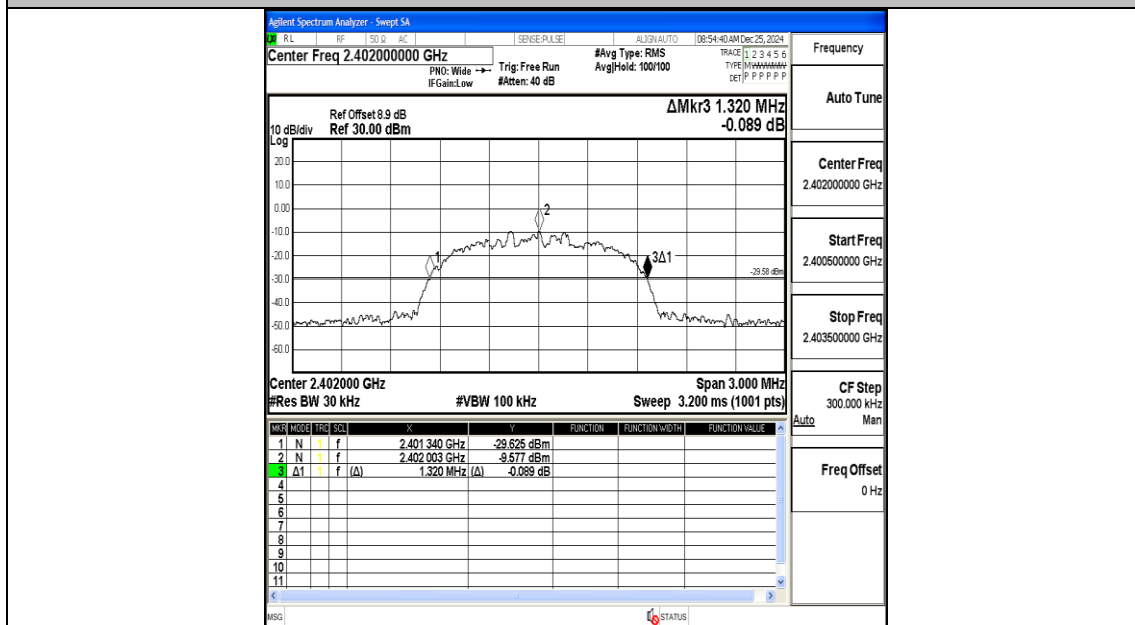
2DH5-Ant1-2402



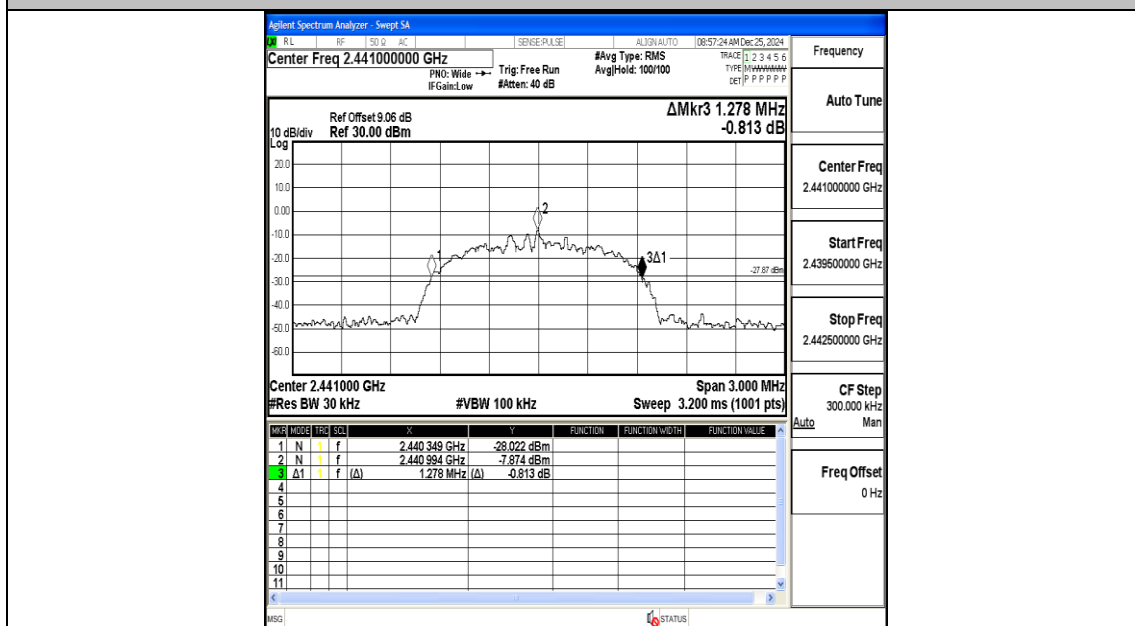
2DH5-Ant1-2441



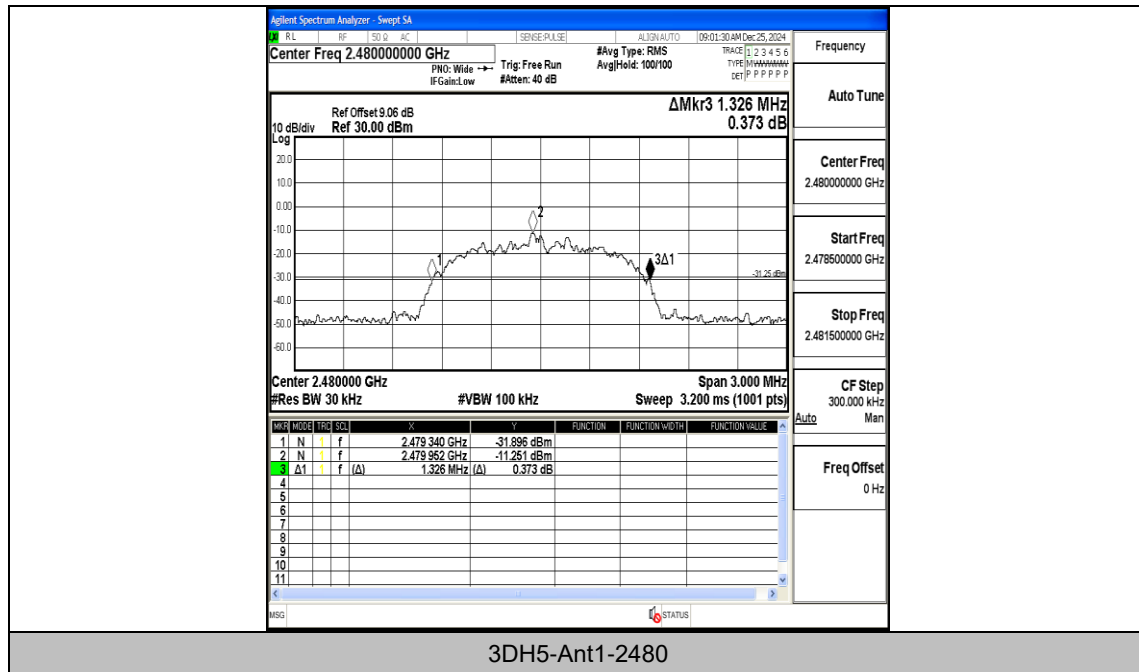
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441

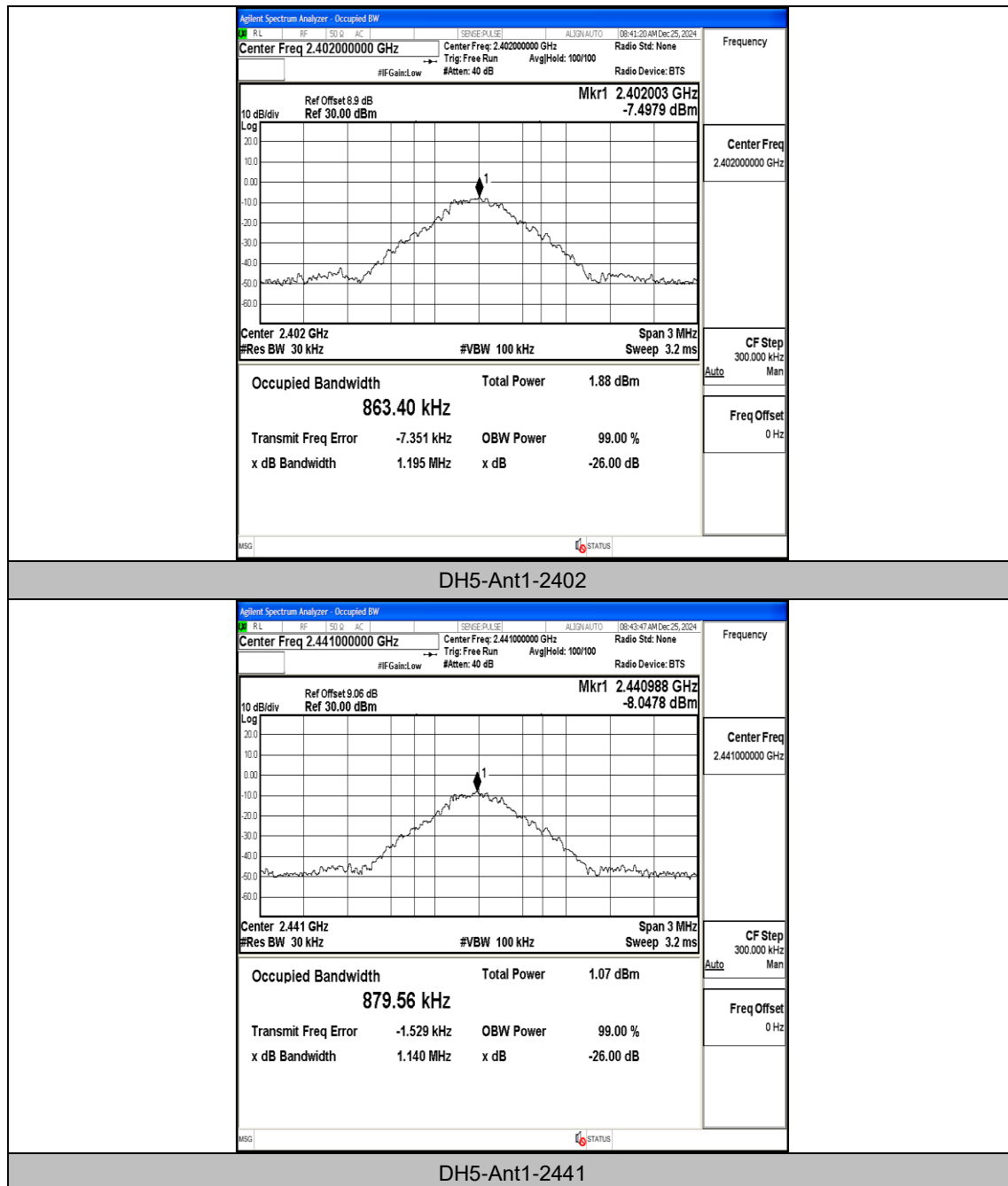


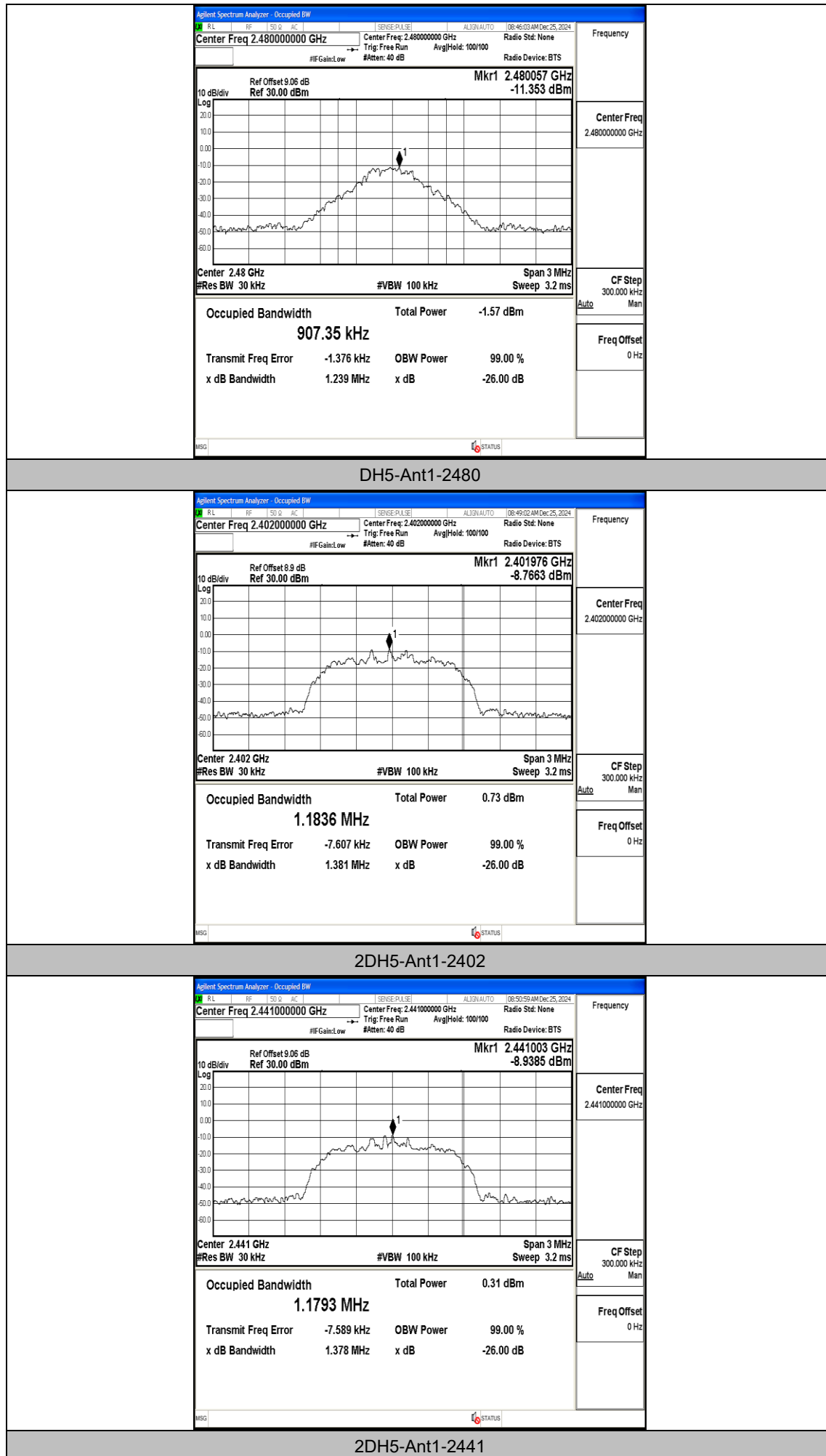
Appendix B: Occupied Channel Bandwidth

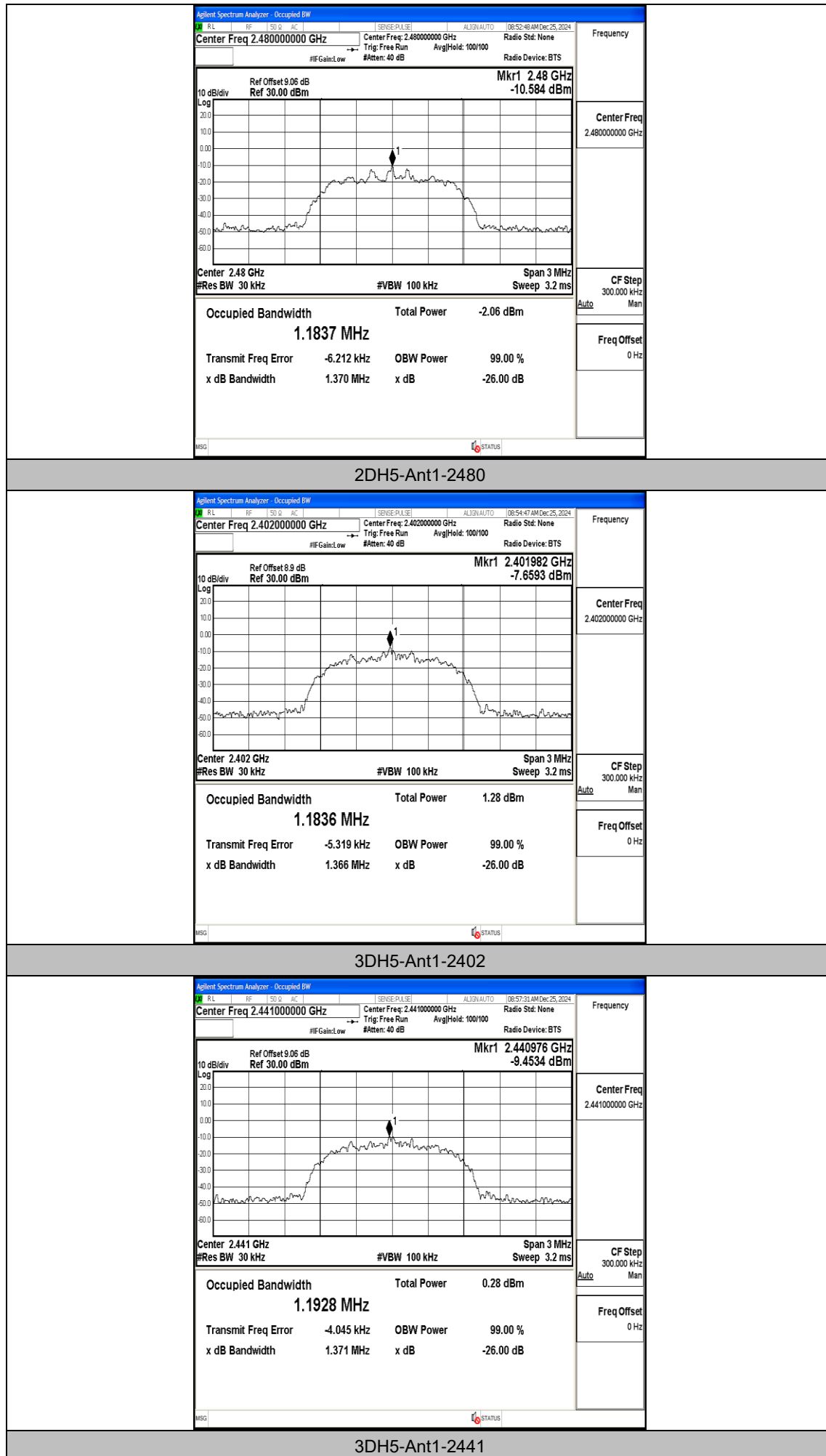
Test Result

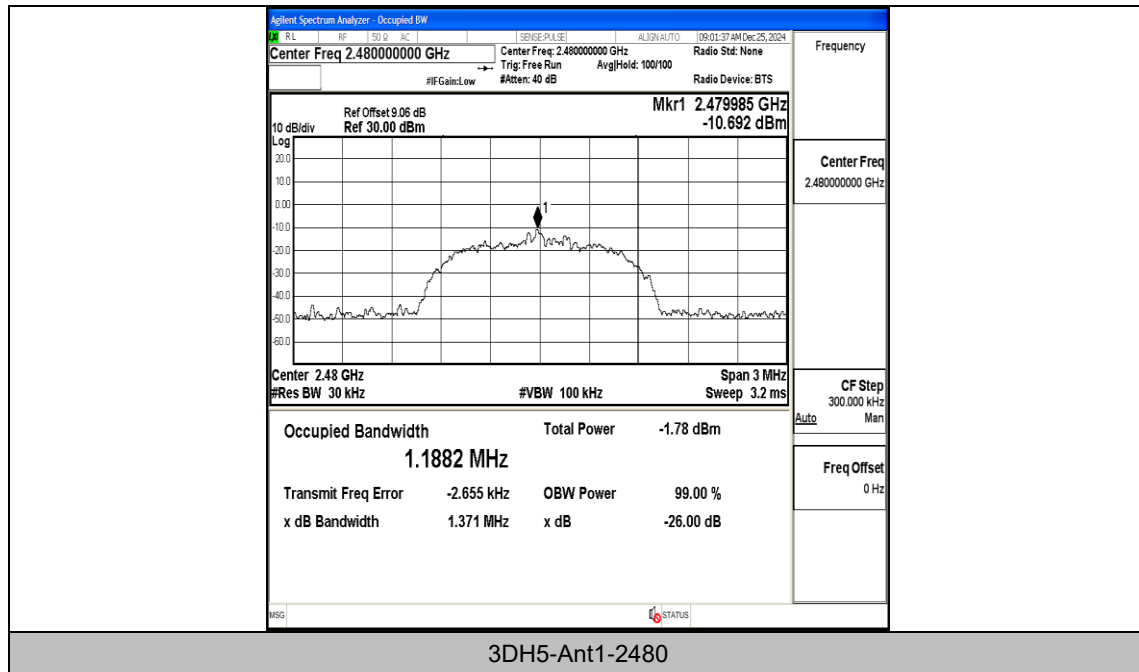
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.86340	2401.5610	2402.4244	---	---
DH5	Ant1	2441	0.87956	2440.5587	2441.4383	---	---
DH5	Ant1	2480	0.90735	2479.5449	2480.4523	---	---
2DH5	Ant1	2402	1.1836	2401.4006	2402.5842	---	---
2DH5	Ant1	2441	1.1793	2440.4028	2441.5821	---	---
2DH5	Ant1	2480	1.1837	2479.4019	2480.5856	---	---
3DH5	Ant1	2402	1.1836	2401.4029	2402.5865	---	---
3DH5	Ant1	2441	1.1928	2440.3996	2441.5924	---	---
3DH5	Ant1	2480	1.1882	2479.4033	2480.5915	---	---

Test Graphs







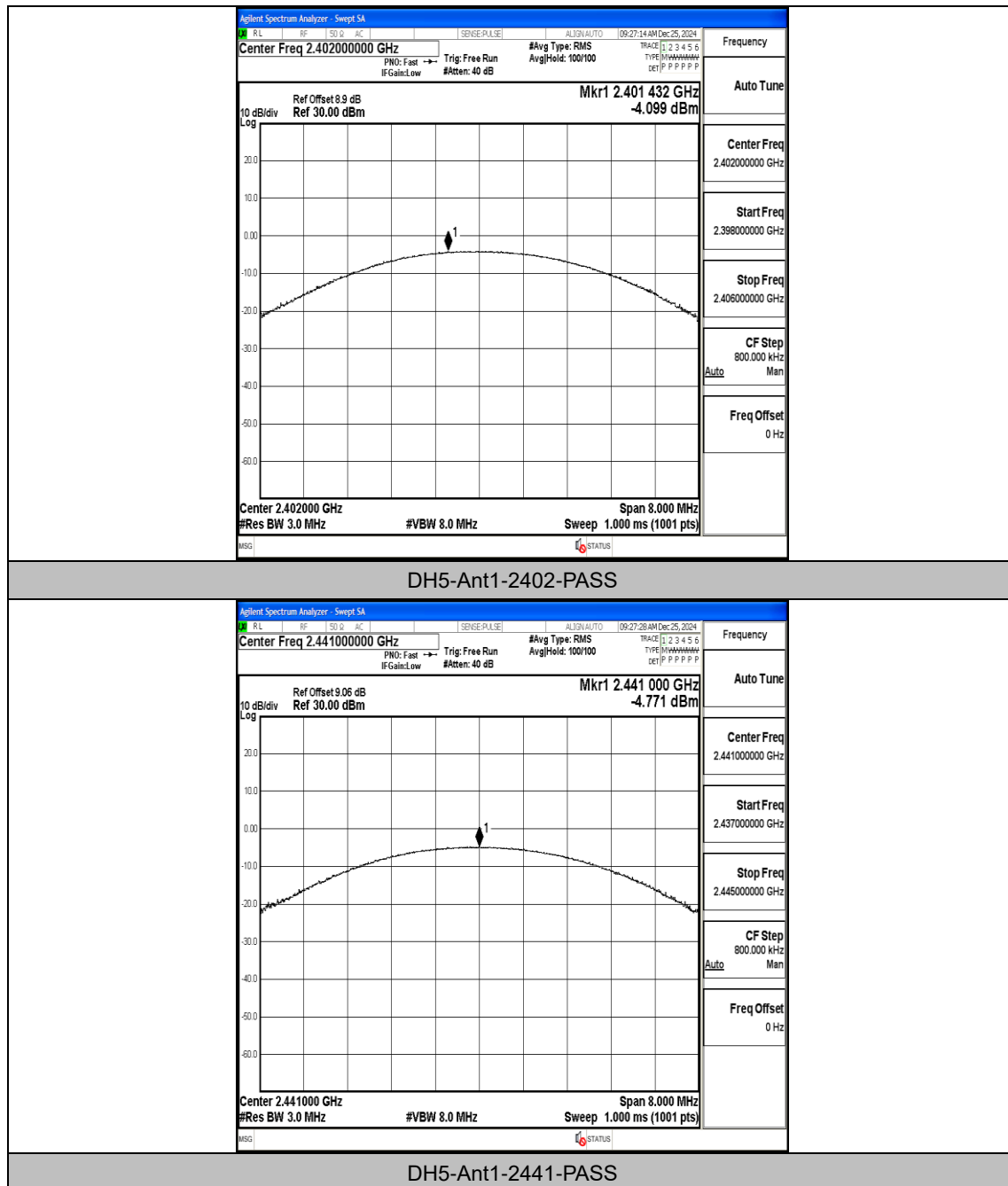


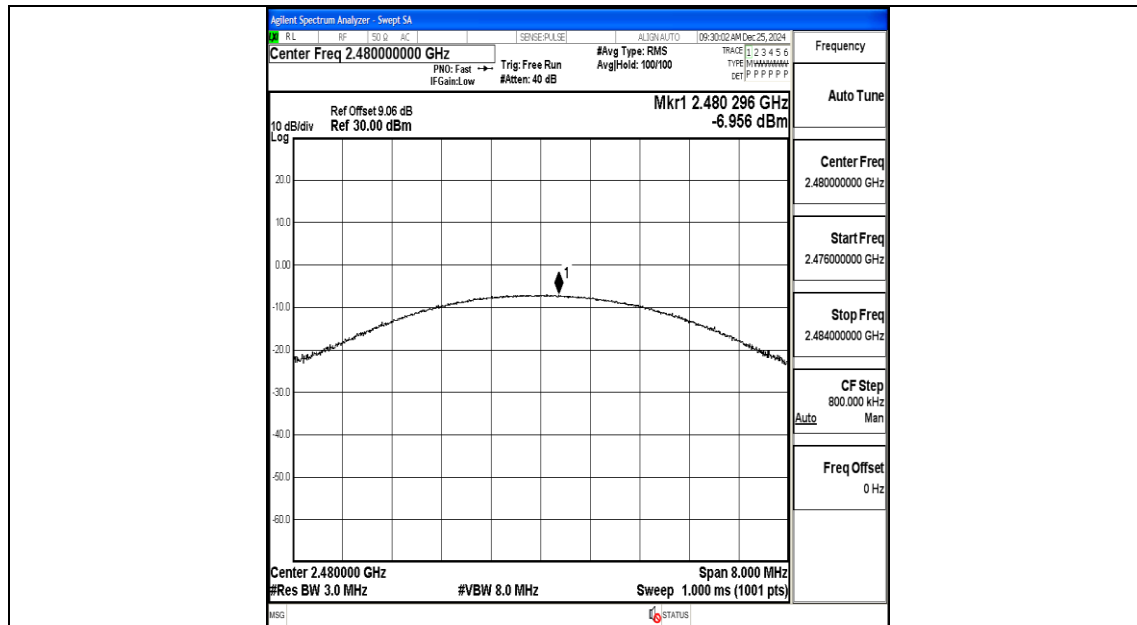
Appendix C: Maximum peak conducted output power

Test Result

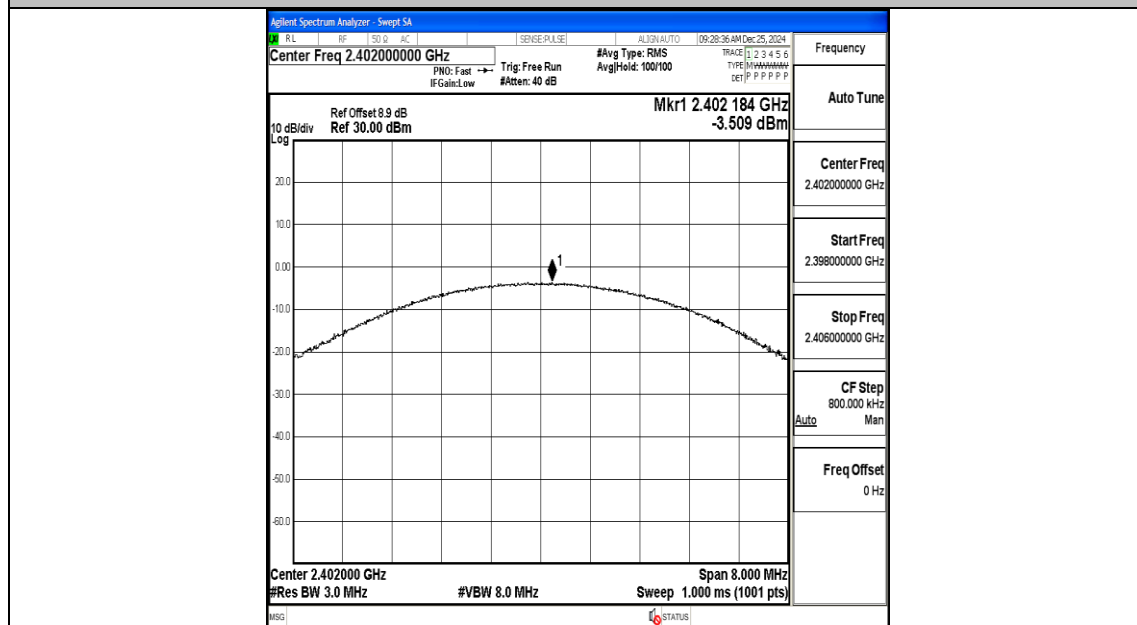
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
DH5	Ant1	2402	-4.10	≤30	PASS
DH5	Ant1	2441	-4.77	≤30	PASS
DH5	Ant1	2480	-6.96	≤30	PASS
2DH5	Ant1	2402	-3.51	≤20.97	PASS
2DH5	Ant1	2441	-4.35	≤20.97	PASS
2DH5	Ant1	2480	-6.66	≤20.97	PASS
3DH5	Ant1	2402	-3.06	≤20.97	PASS
3DH5	Ant1	2441	-3.83	≤20.97	PASS
3DH5	Ant1	2480	-5.97	≤20.97	PASS

Test Graphs

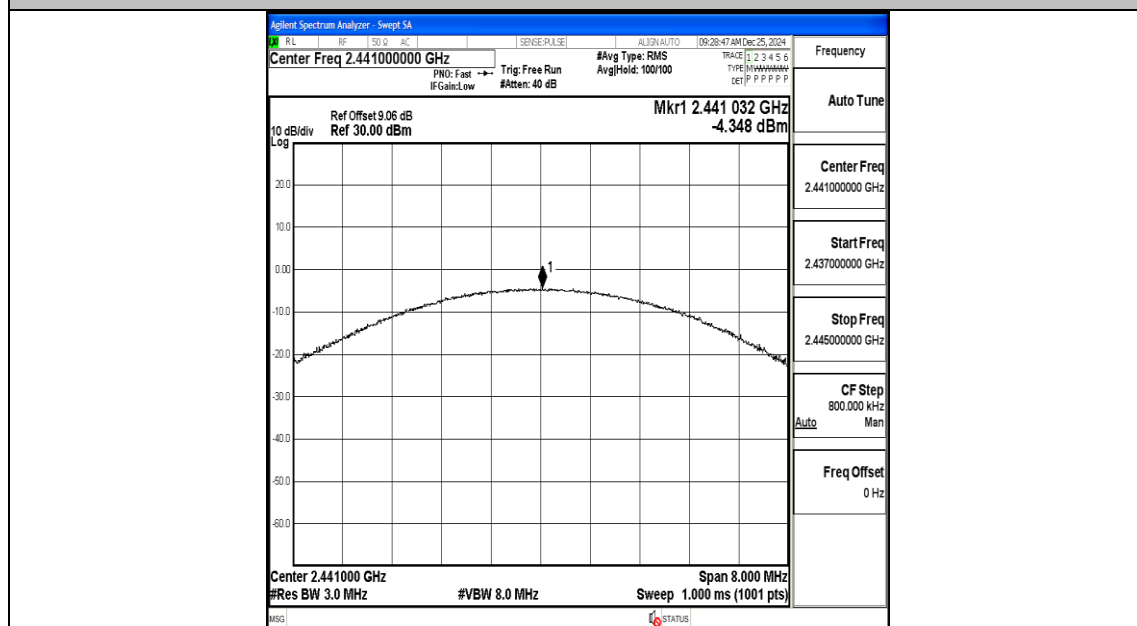




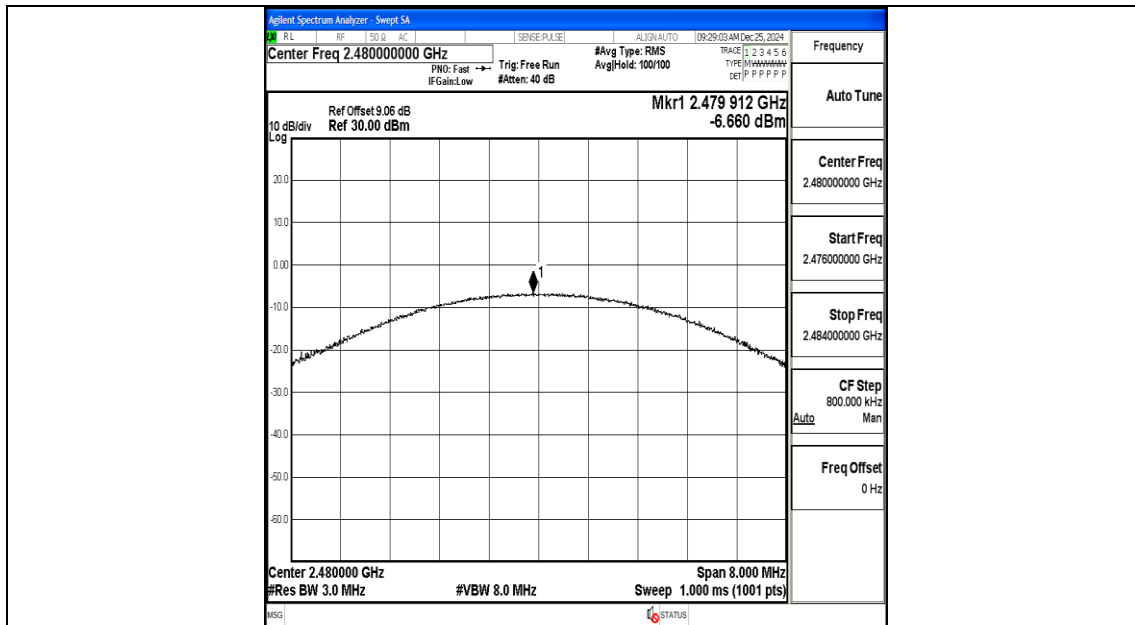
DH5-Ant1-2480-PASS



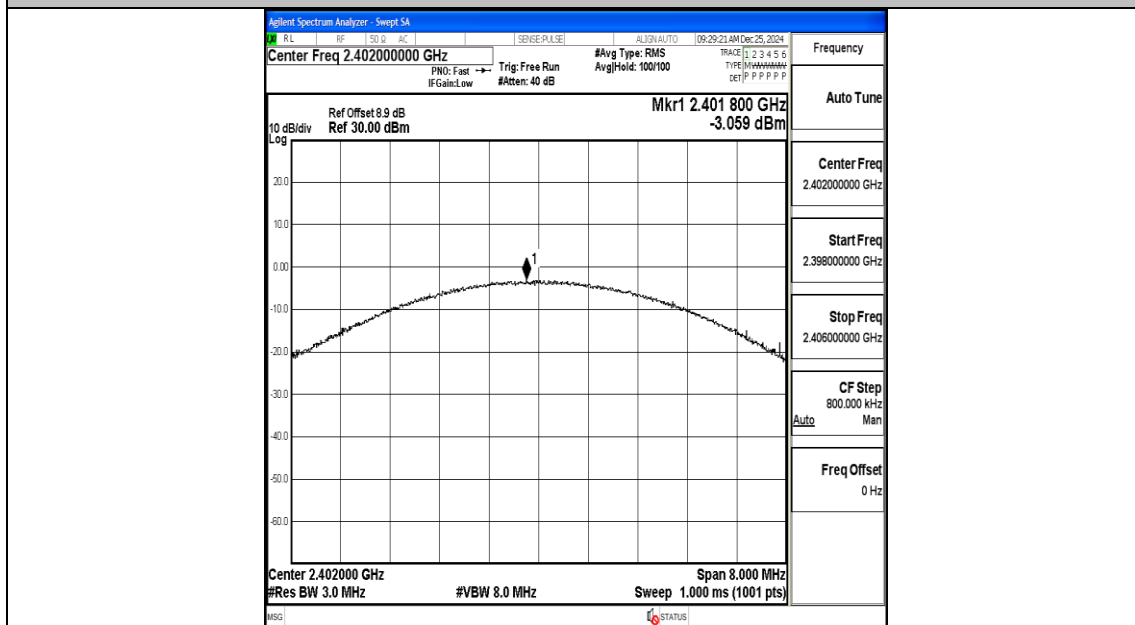
2DH5-Ant1-2402-PASS



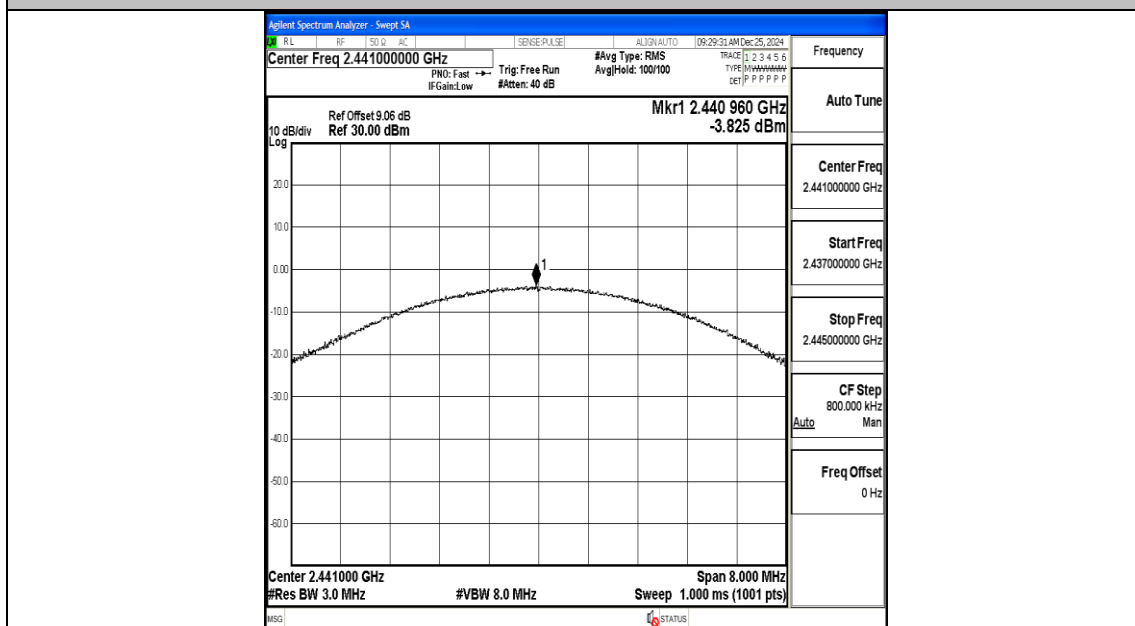
2DH5-Ant1-2441-PASS



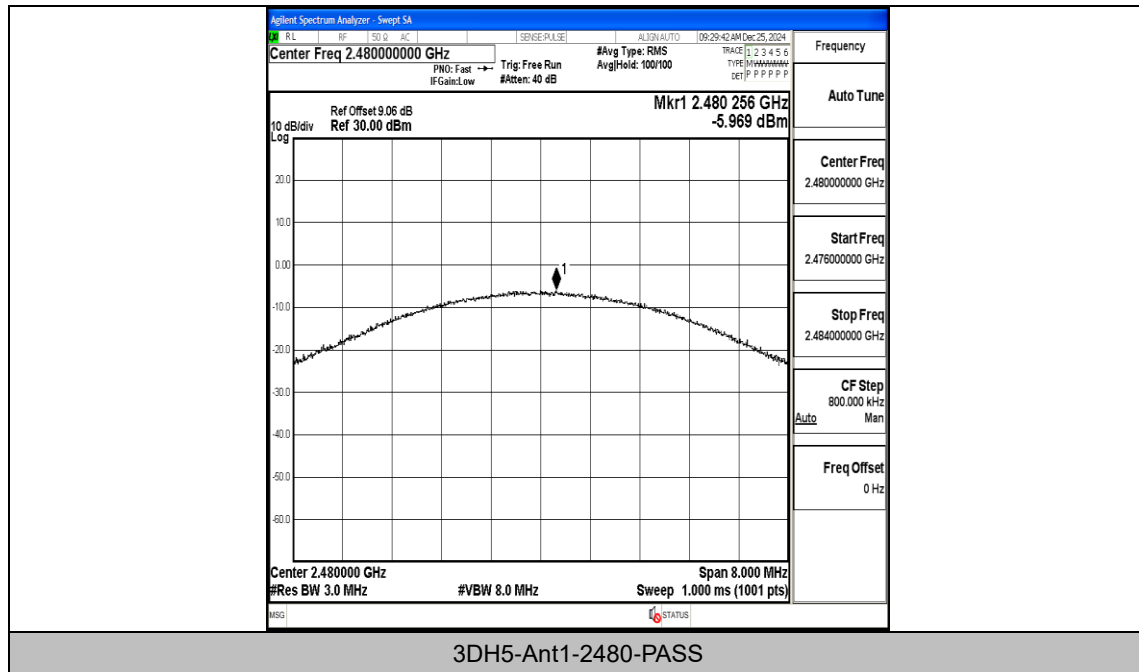
2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS

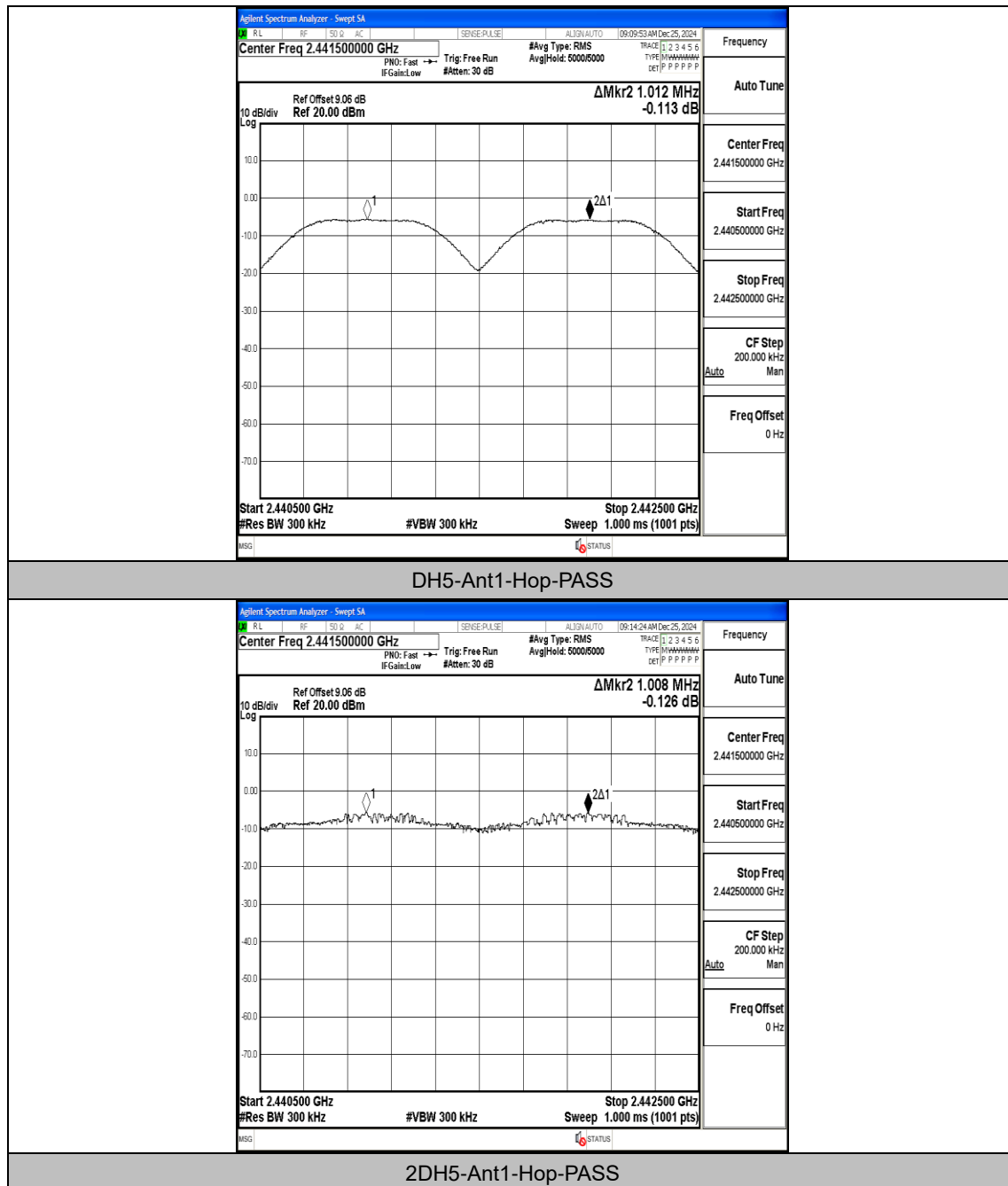


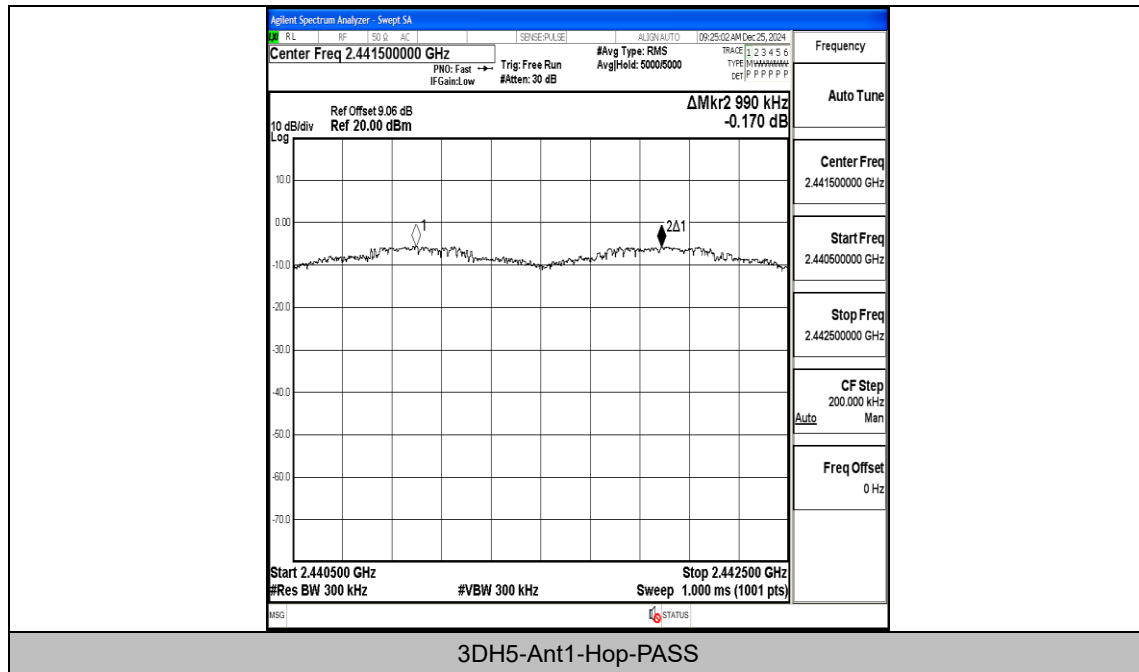
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1.012	≥ 0.963	PASS
2DH5	Ant1	Hop	1.008	≥ 0.878	PASS
3DH5	Ant1	Hop	0.99	≥ 0.884	PASS

Test Graphs



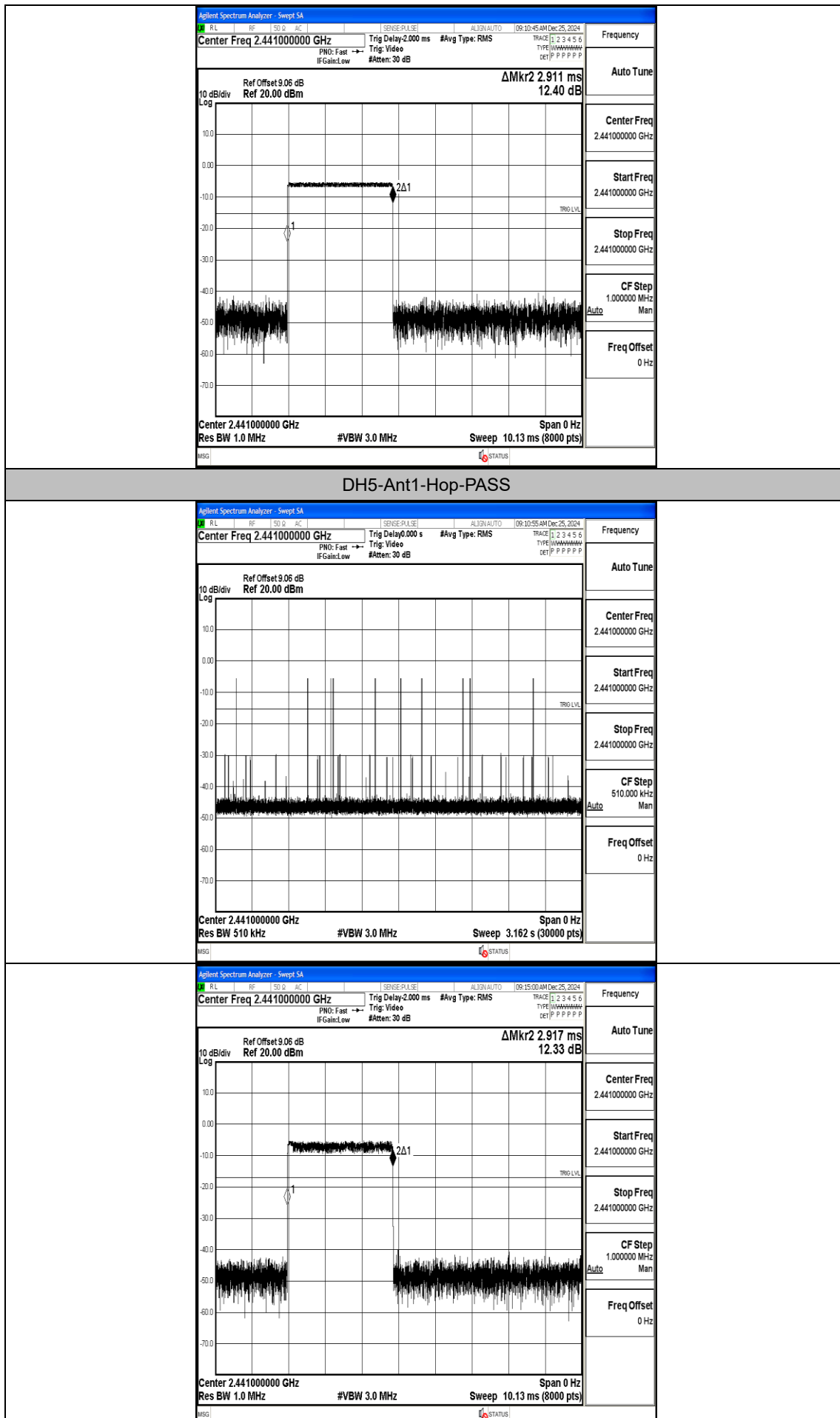


Appendix E: Time of occupancy

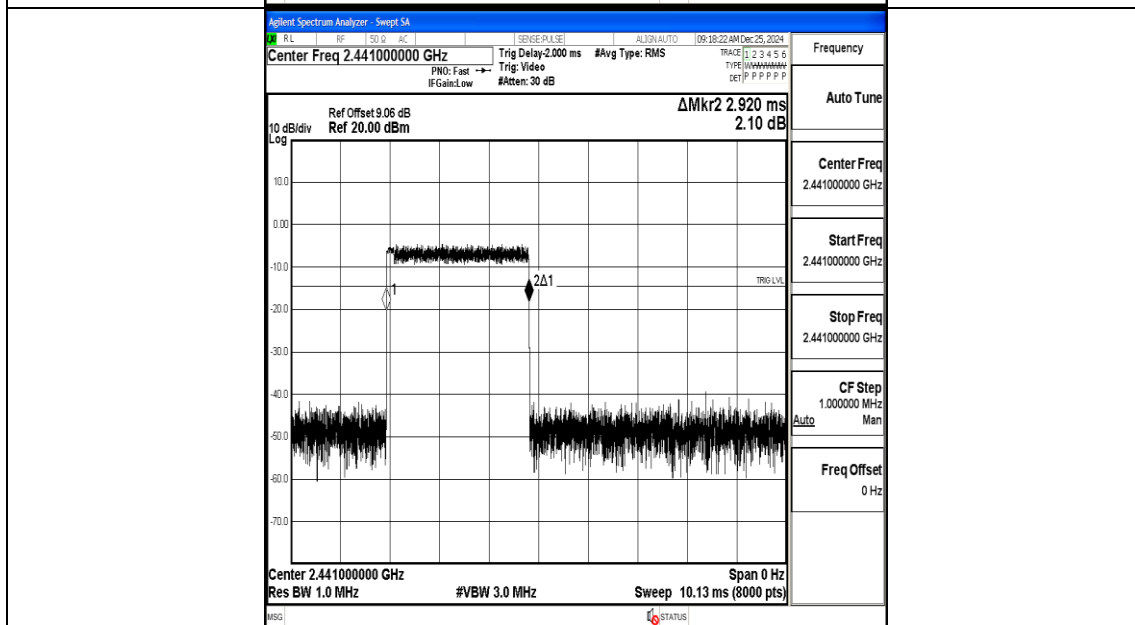
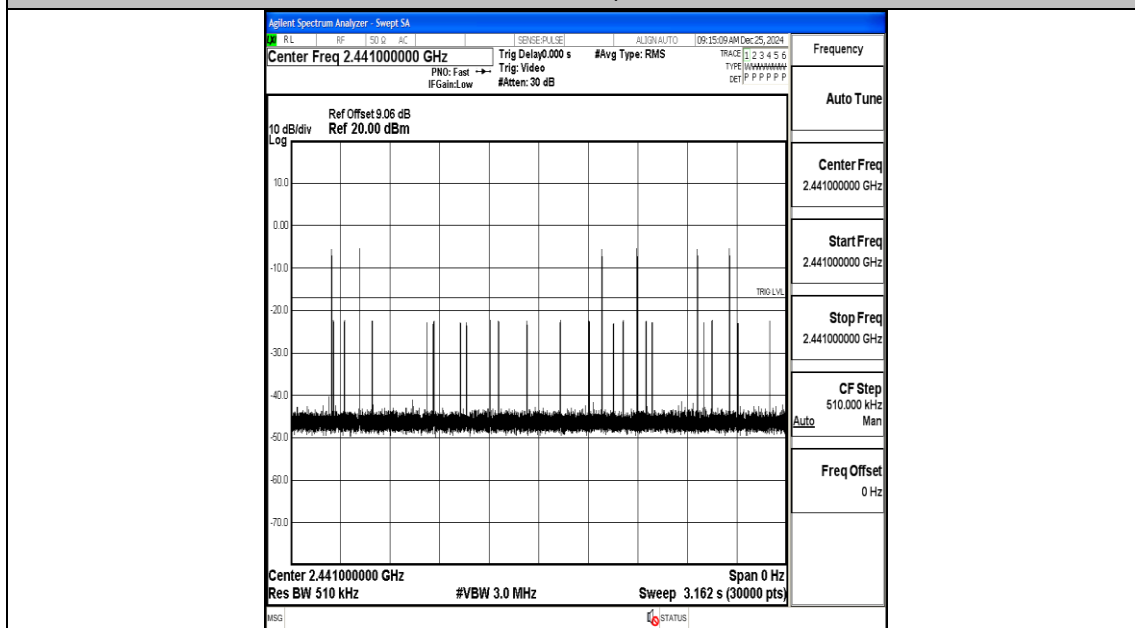
Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	TotalHops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.911	120	0.349	≤0.4	PASS
2DH5	Ant1	Hop	2.917	70	0.204	≤0.4	PASS
3DH5	Ant1	Hop	2.920	60	0.175	≤0.4	PASS

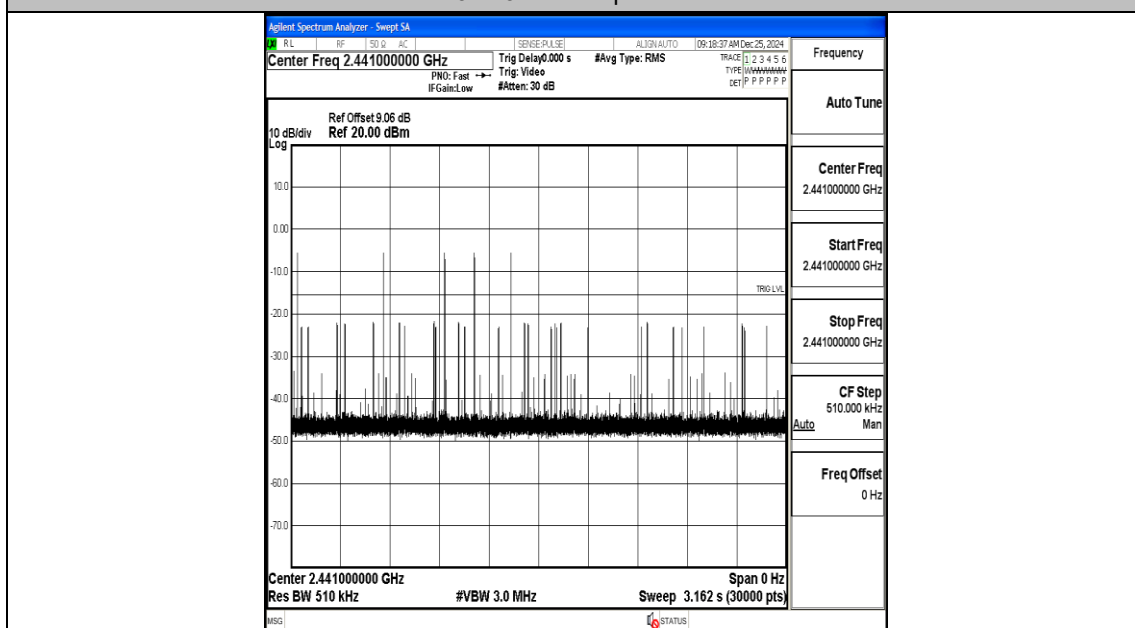
Test Graphs



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS

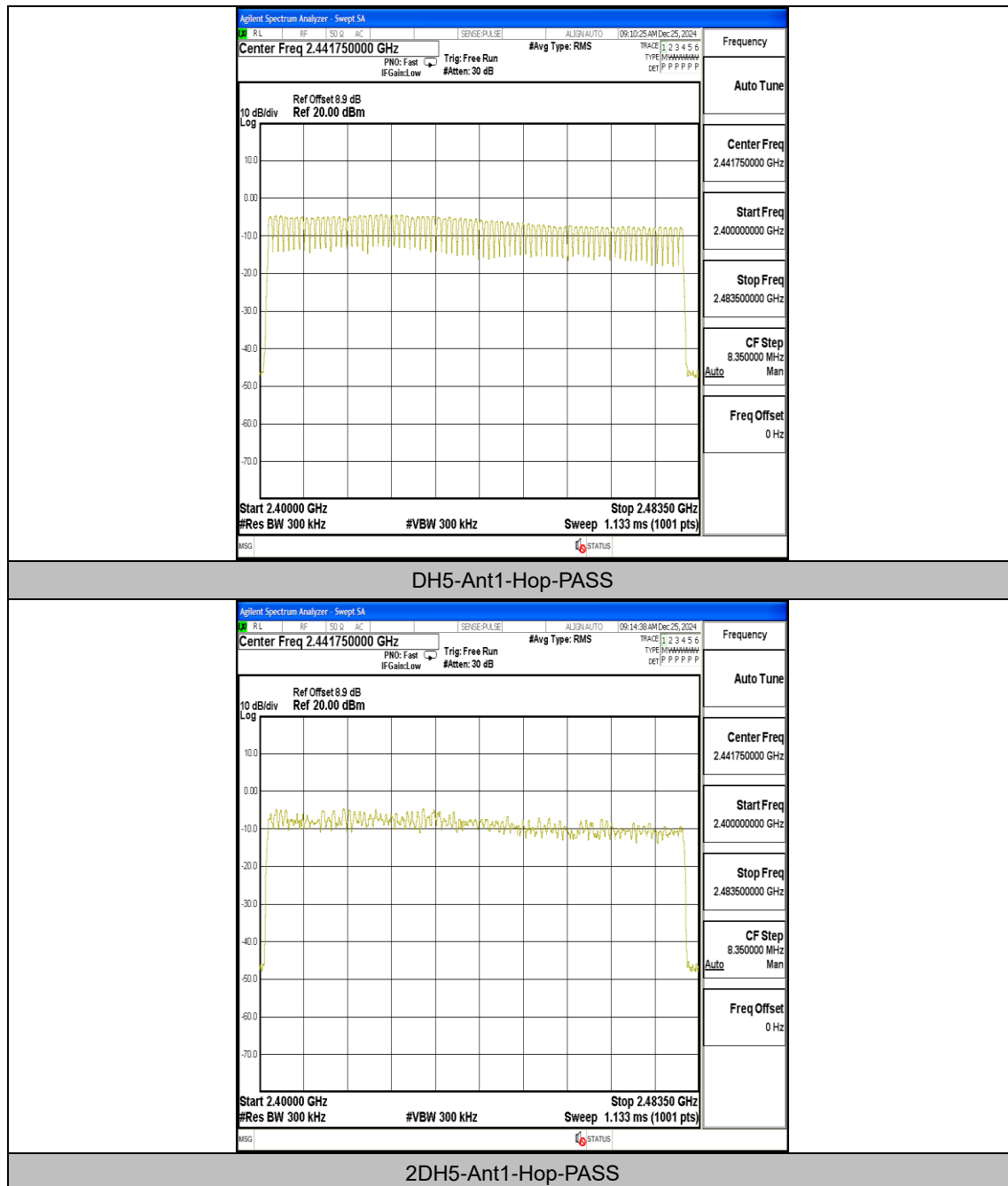


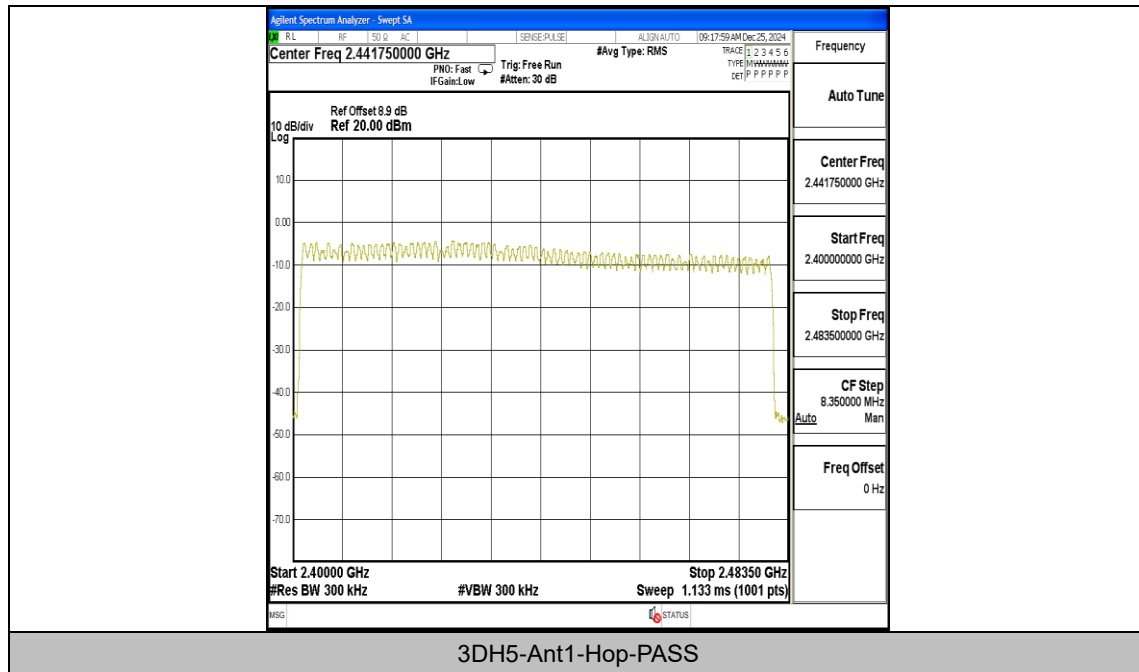
Appendix F: Number of hopping channels

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs



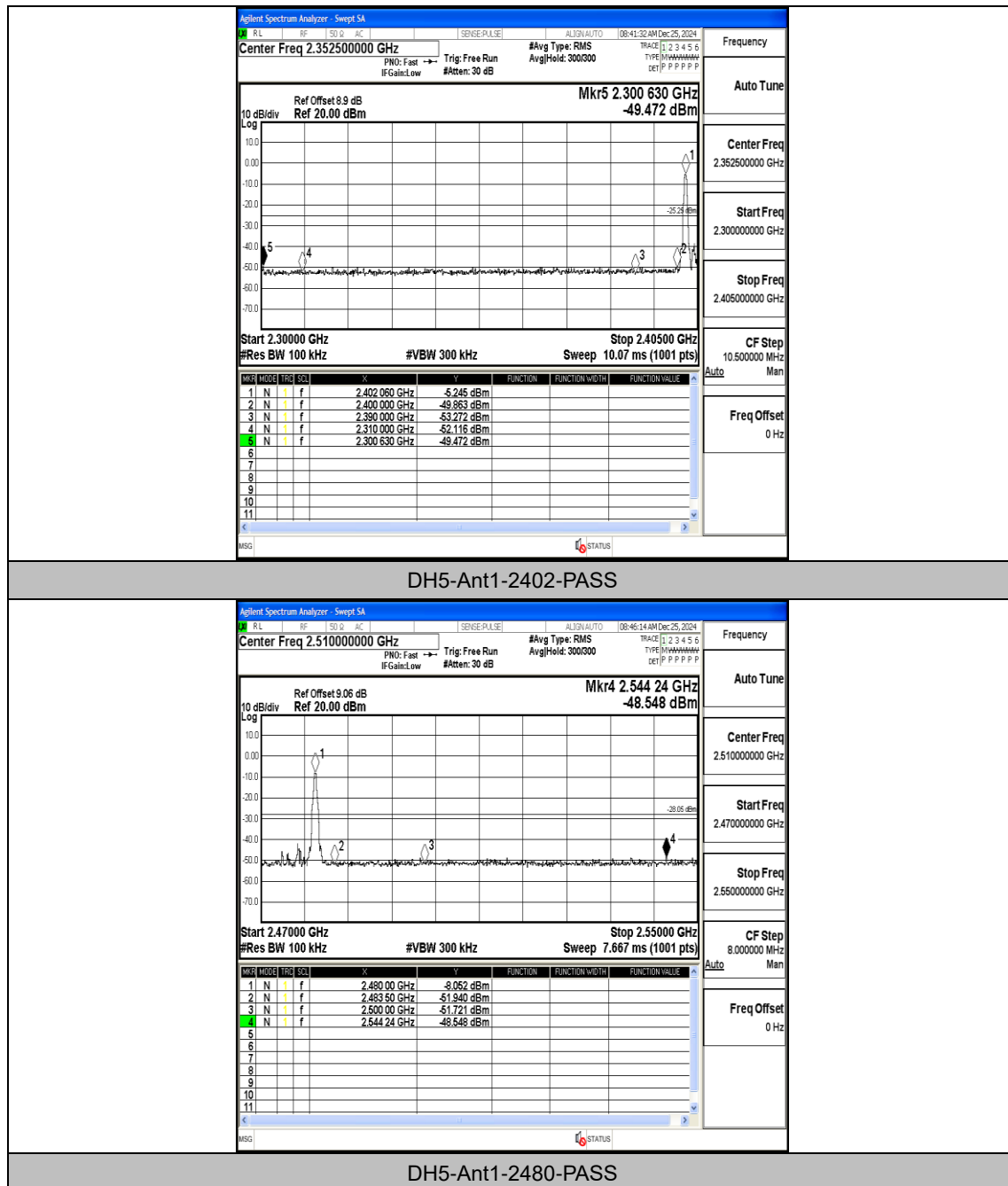


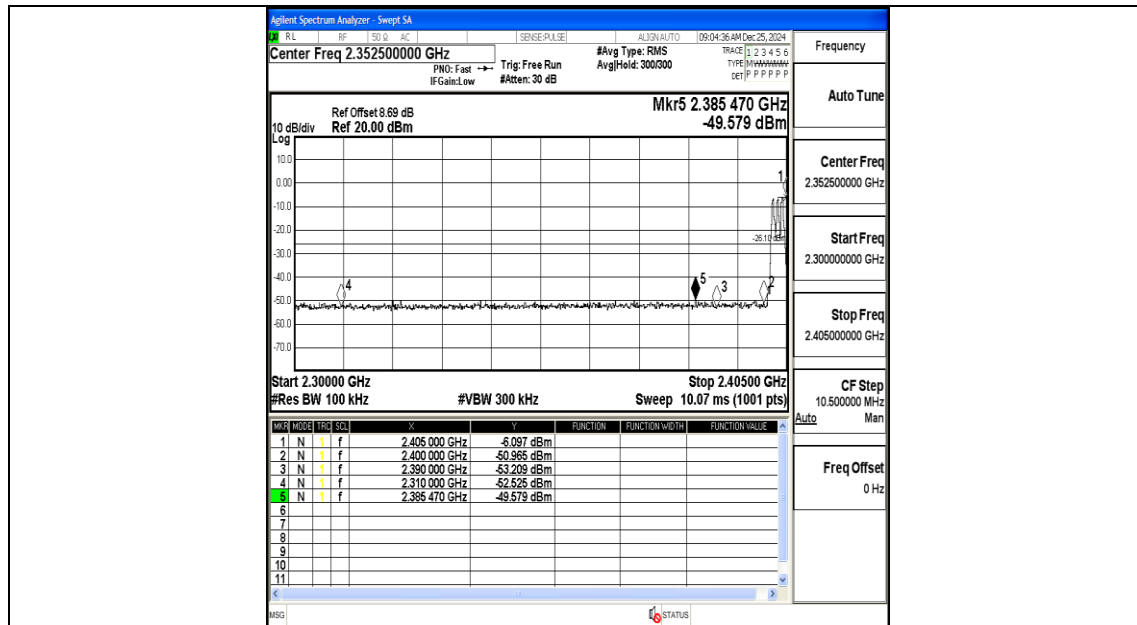
Appendix G: Band edge measurements

Test Result

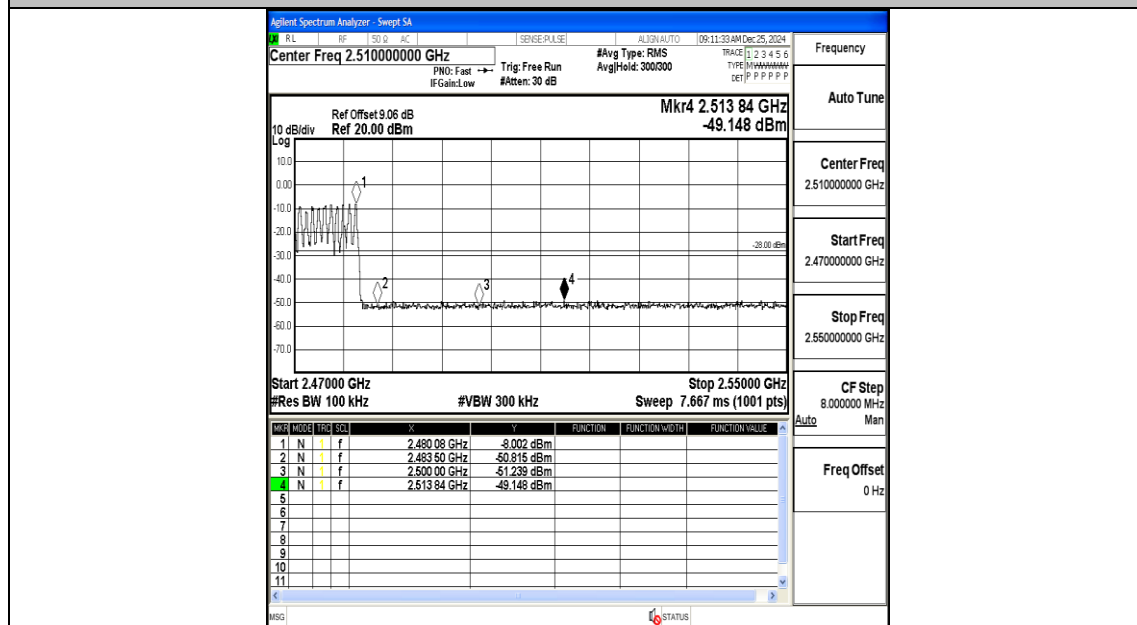
Test Mode	Antenna	Ch.Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-5.25	-49.47	≤ -25.25	PASS
DH5	Ant1	High	2480	-8.05	-48.55	≤ -28.05	PASS
DH5	Ant1	Low	Hop_2402	-6.10	-49.58	≤ -26.1	PASS
DH5	Ant1	High	Hop_2480	-8.00	-49.15	≤ -28	PASS
2DH5	Ant1	Low	2402	-5.23	-49.82	≤ -25.23	PASS
2DH5	Ant1	High	2480	-8.54	-49.04	≤ -28.54	PASS
2DH5	Ant1	Low	Hop_2402	-9.17	-49.46	≤ -29.17	PASS
2DH5	Ant1	High	Hop_2480	-8.57	-47.95	≤ -28.57	PASS
3DH5	Ant1	Low	2402	-5.40	-48	≤ -25.4	PASS
3DH5	Ant1	High	2480	-9.07	-48.74	≤ -29.07	PASS
3DH5	Ant1	Low	Hop_2402	-6.88	-48.95	≤ -26.88	PASS
3DH5	Ant1	High	Hop_2480	-9.37	-48.18	≤ -29.37	PASS

Test Graphs

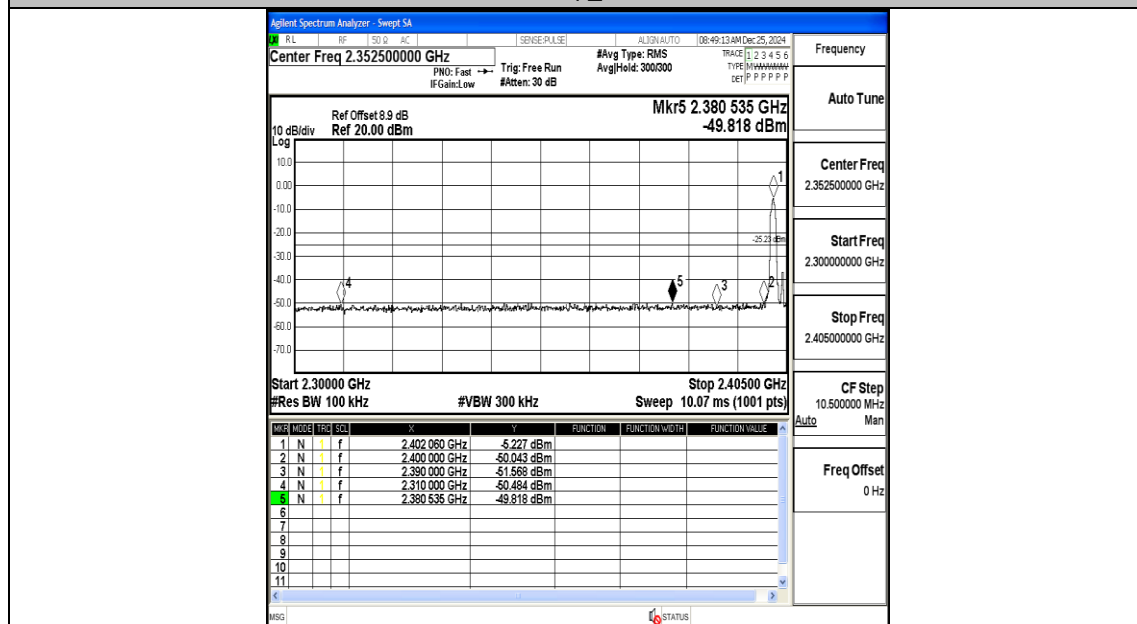




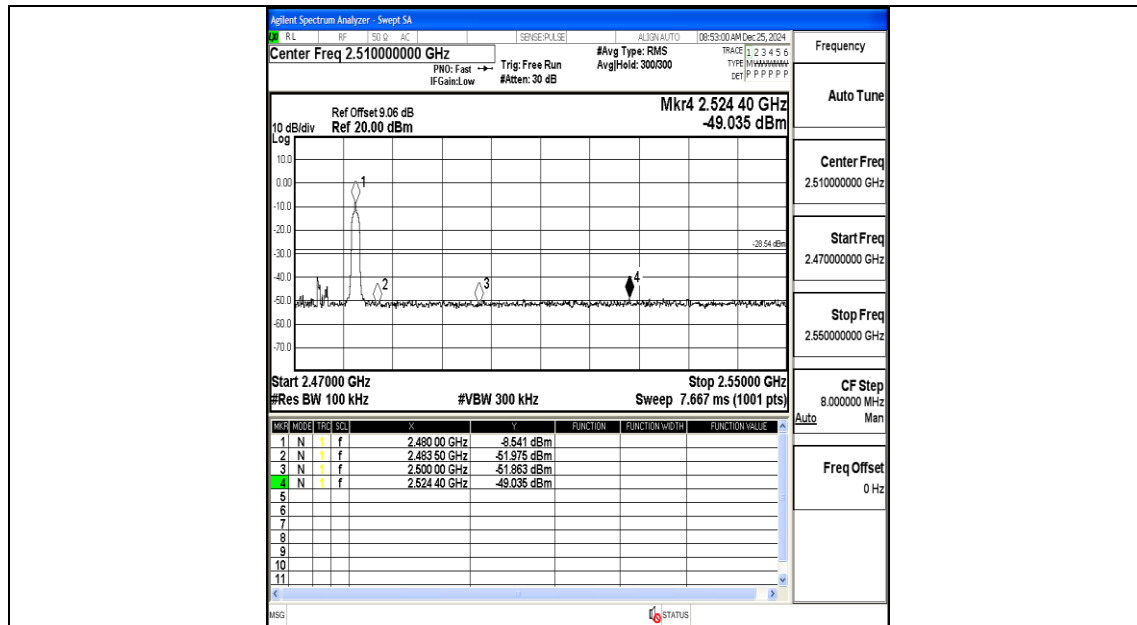
DH5-Ant1-Hop_2402-PASS



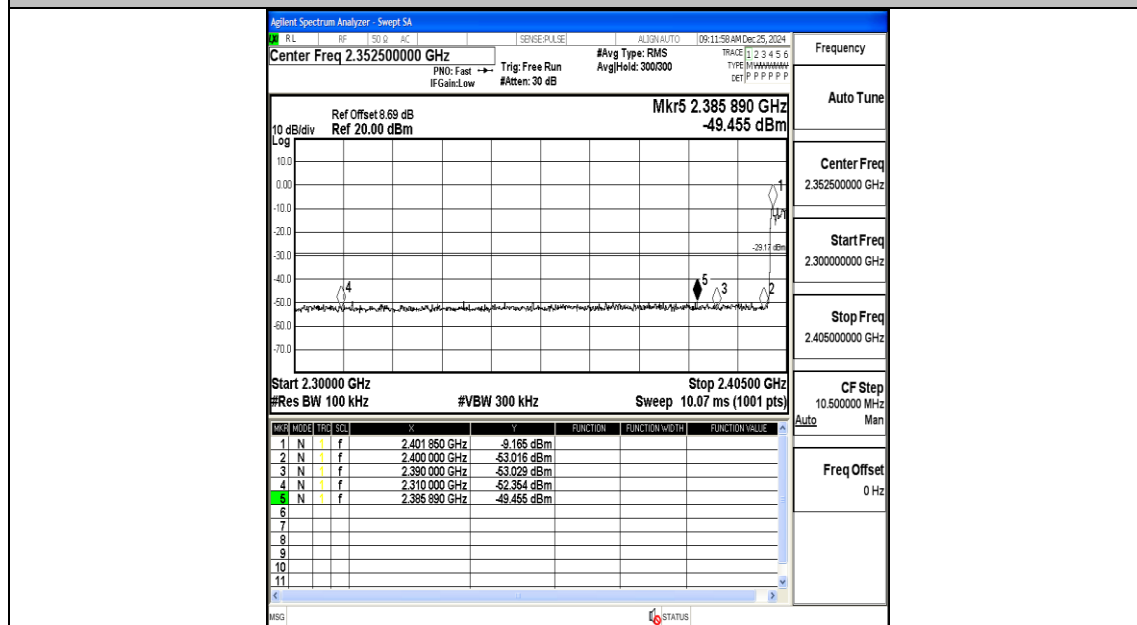
DH5-Ant1-Hop_2480-PASS



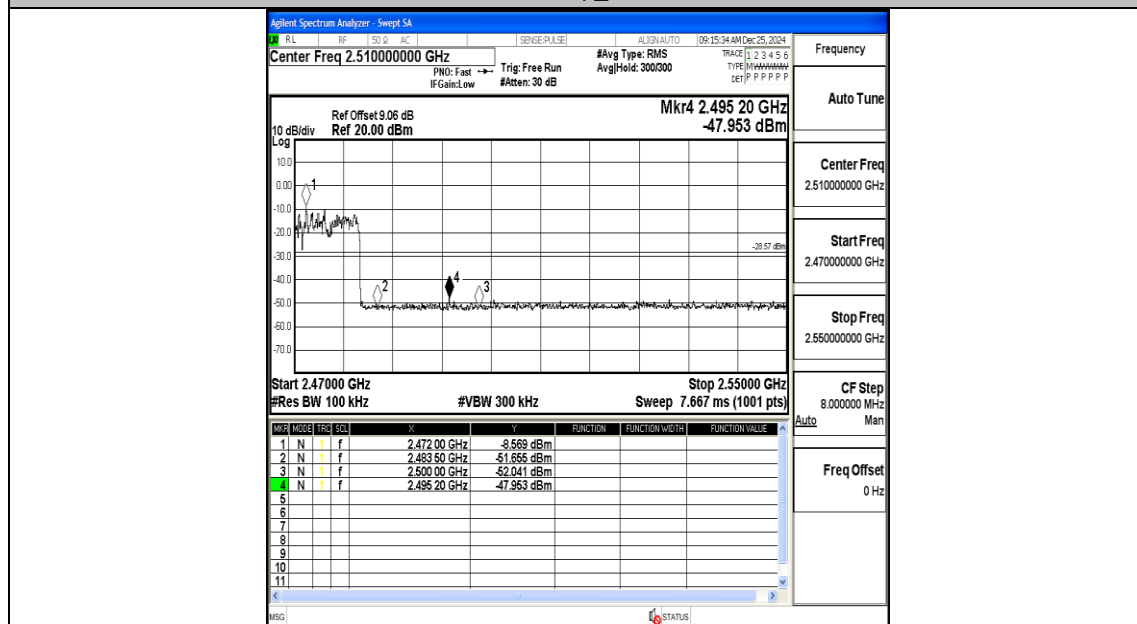
2DH5-Ant1-2402-PASS



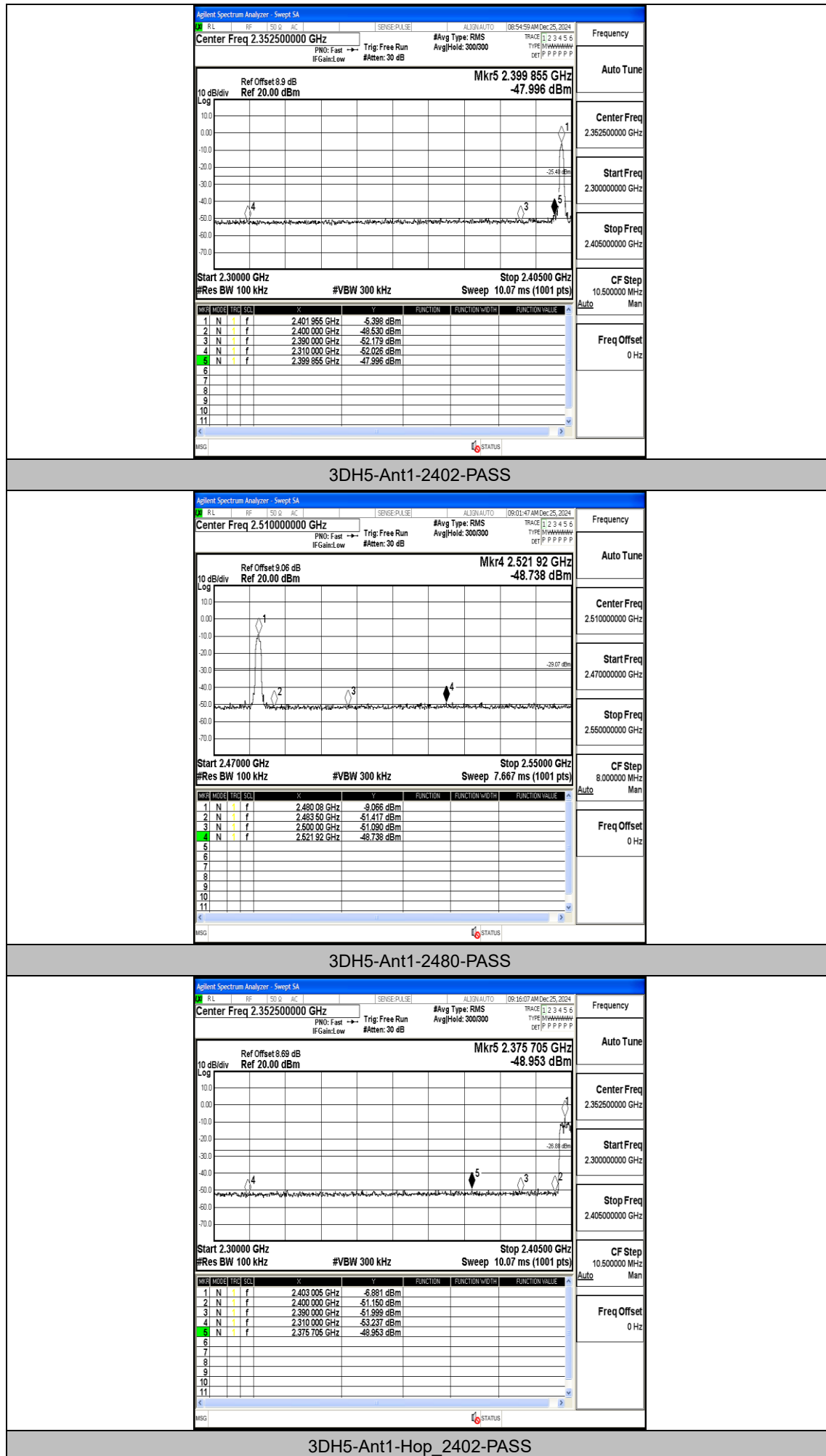
2DH5-Ant1-2480-PASS

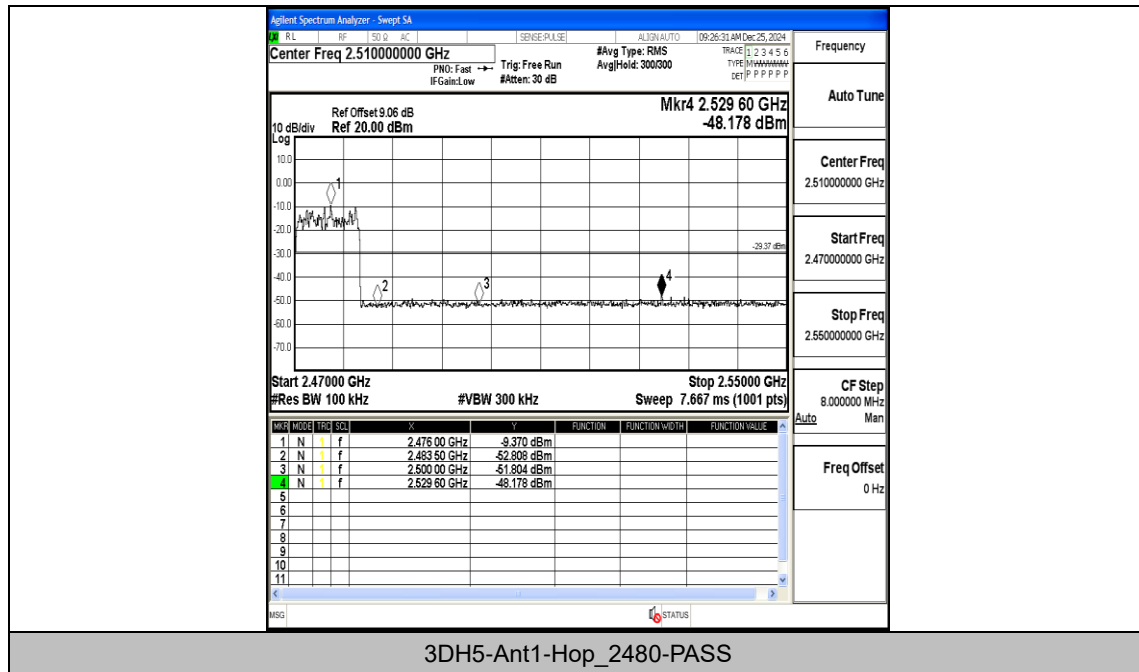


2DH5-Ant1-Hop_2402-PASS



2DH5-Ant1-Hop_2480-PASS



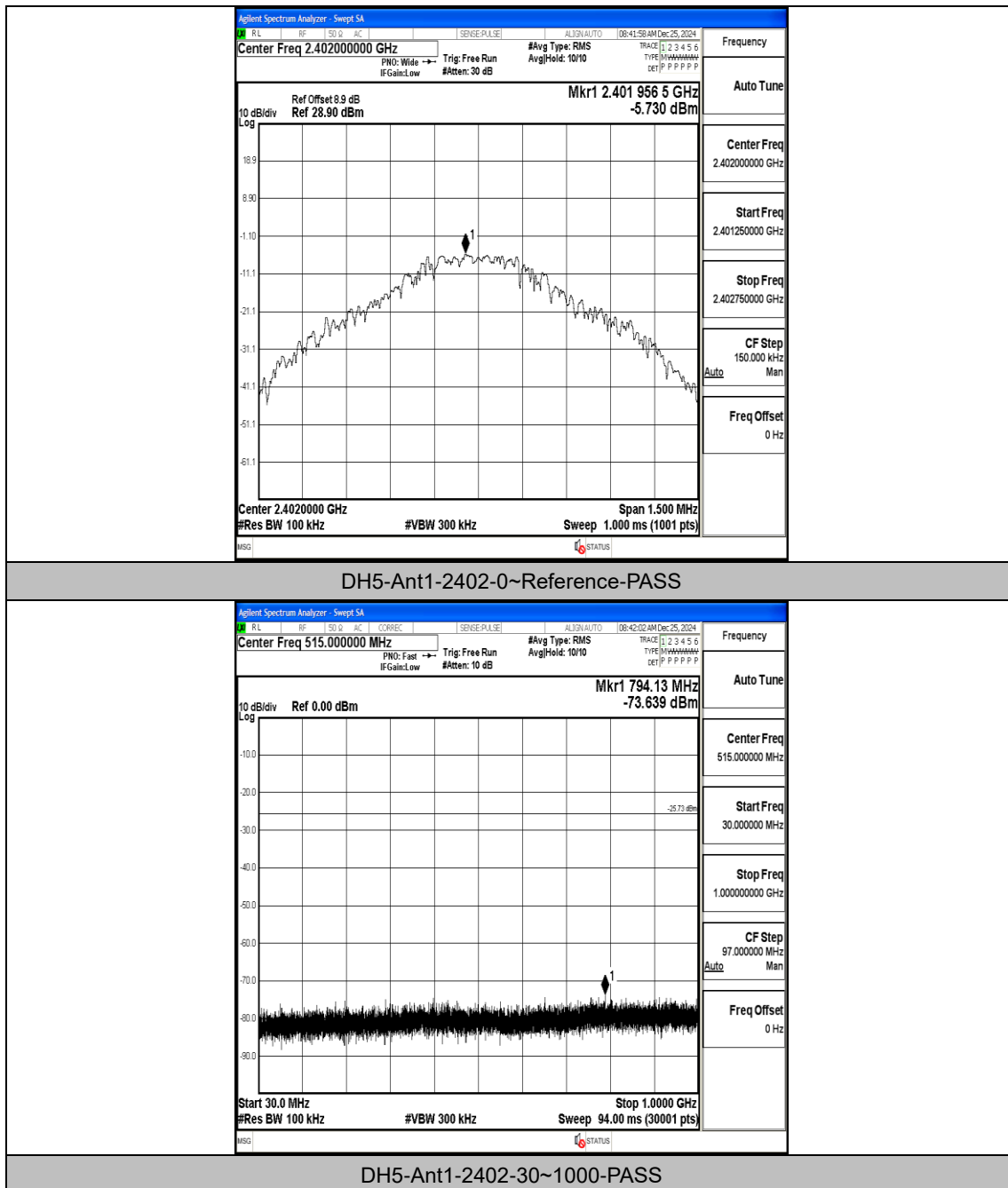


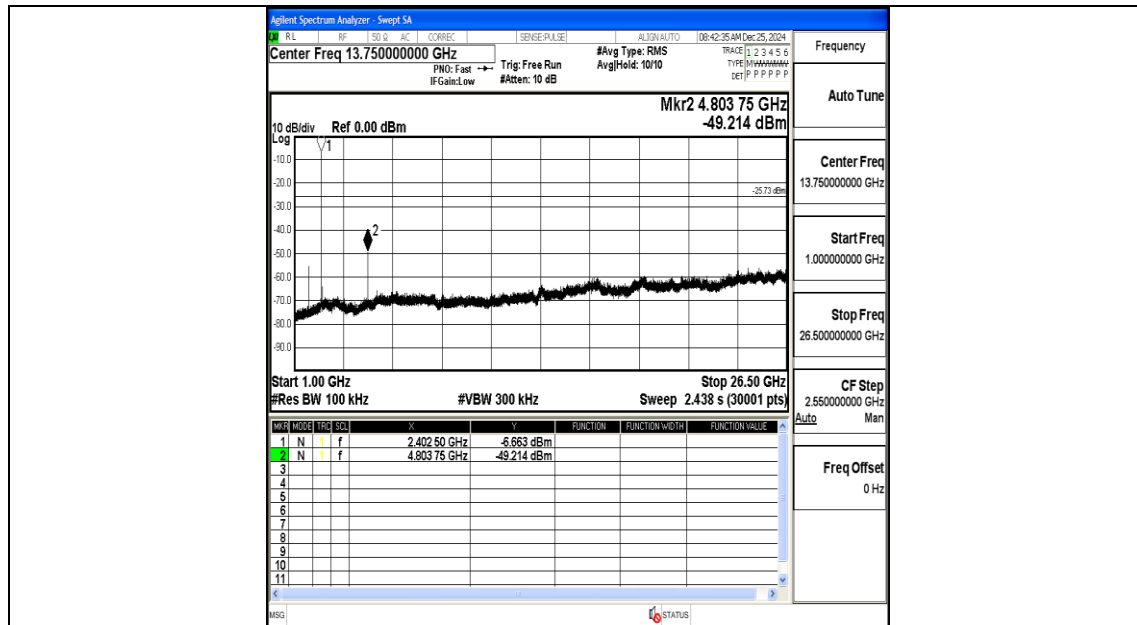
Appendix H: Conducted Spurious Emission

Test Result

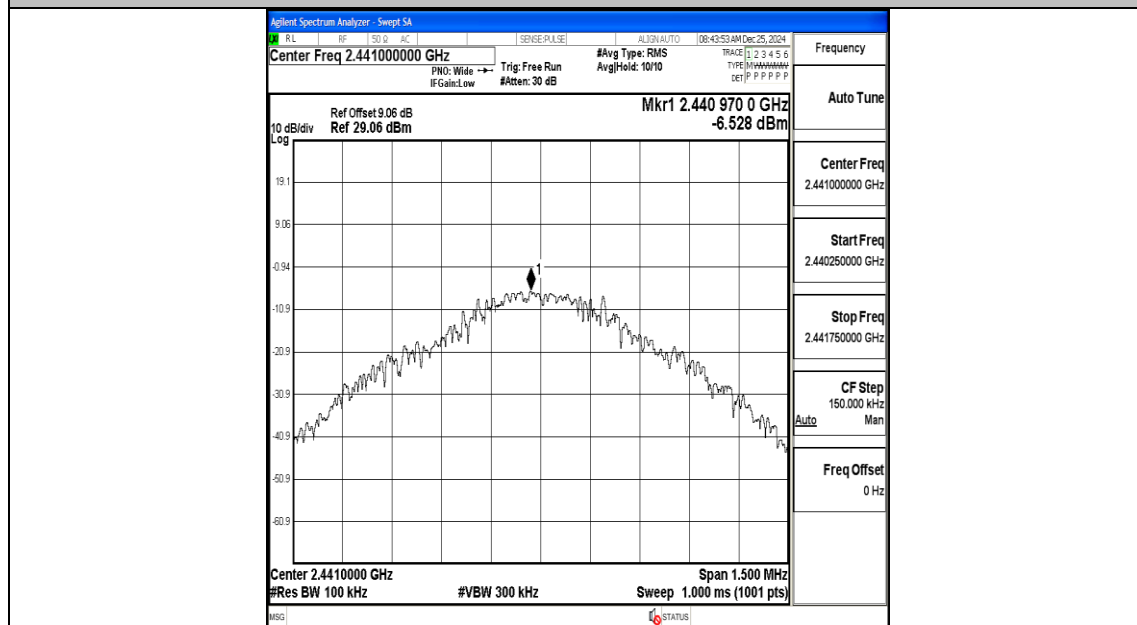
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-5.73	-5.73	---	PASS
DH5	Ant1	2402	30~1000	-5.73	-73.64	≤-25.73	PASS
DH5	Ant1	2402	1000~26500	-5.73	-49.21	≤-25.73	PASS
DH5	Ant1	2441	0~Reference	-6.53	-6.53	---	PASS
DH5	Ant1	2441	30~1000	-6.53	-72.55	≤-26.53	PASS
DH5	Ant1	2441	1000~26500	-6.53	-51.79	≤-26.53	PASS
DH5	Ant1	2480	0~Reference	-8.60	-8.60	---	PASS
DH5	Ant1	2480	30~1000	-8.60	-72.63	≤-28.6	PASS
DH5	Ant1	2480	1000~26500	-8.60	-52.49	≤-28.6	PASS
2DH5	Ant1	2402	0~Reference	-5.65	-5.65	---	PASS
2DH5	Ant1	2402	30~1000	-5.65	-72.92	≤-25.65	PASS
2DH5	Ant1	2402	1000~26500	-5.65	-50.25	≤-25.65	PASS
2DH5	Ant1	2441	0~Reference	-6.51	-6.51	---	PASS
2DH5	Ant1	2441	30~1000	-6.51	-71.89	≤-26.51	PASS
2DH5	Ant1	2441	1000~26500	-6.51	-52.52	≤-26.51	PASS
2DH5	Ant1	2480	0~Reference	-10.42	-10.42	---	PASS
2DH5	Ant1	2480	30~1000	-10.42	-73.03	≤-30.42	PASS
2DH5	Ant1	2480	1000~26500	-10.42	-55.8	≤-30.42	PASS
3DH5	Ant1	2402	0~Reference	-5.67	-5.67	---	PASS
3DH5	Ant1	2402	30~1000	-5.67	-73.23	≤-25.67	PASS
3DH5	Ant1	2402	1000~26500	-5.67	-51.55	≤-25.67	PASS
3DH5	Ant1	2441	0~Reference	-8.33	-8.33	---	PASS
3DH5	Ant1	2441	30~1000	-8.33	-72.52	≤-28.33	PASS
3DH5	Ant1	2441	1000~26500	-8.33	-53.05	≤-28.33	PASS
3DH5	Ant1	2480	0~Reference	-11.27	-11.27	---	PASS
3DH5	Ant1	2480	30~1000	-11.27	-72.18	≤-31.27	PASS
3DH5	Ant1	2480	1000~26500	-11.27	-55.91	≤-31.27	PASS

Test Graphs

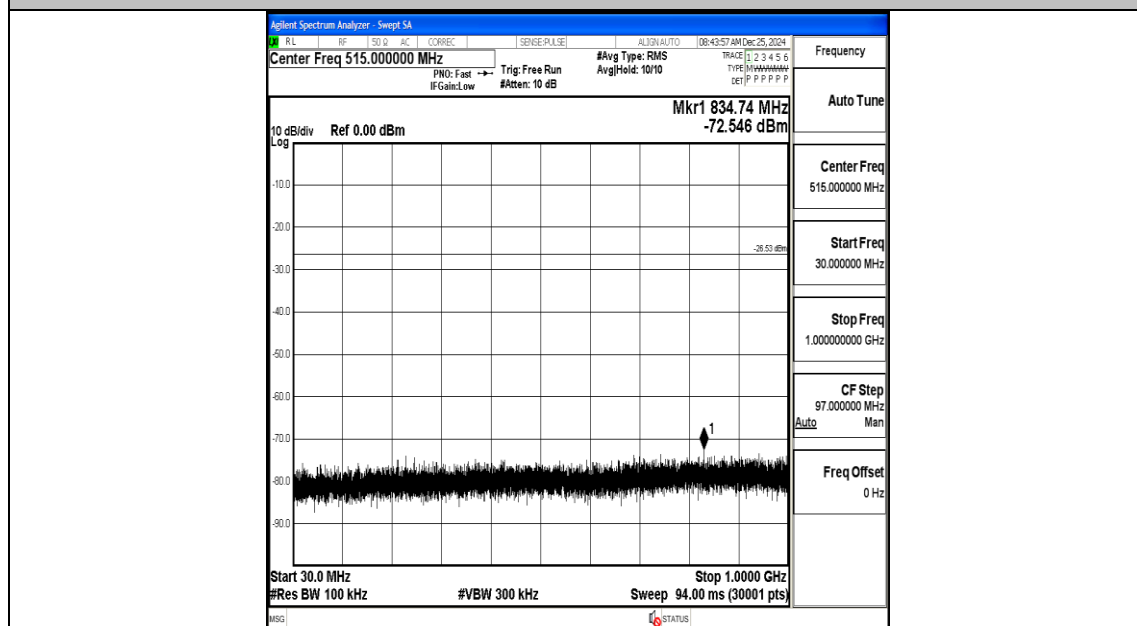




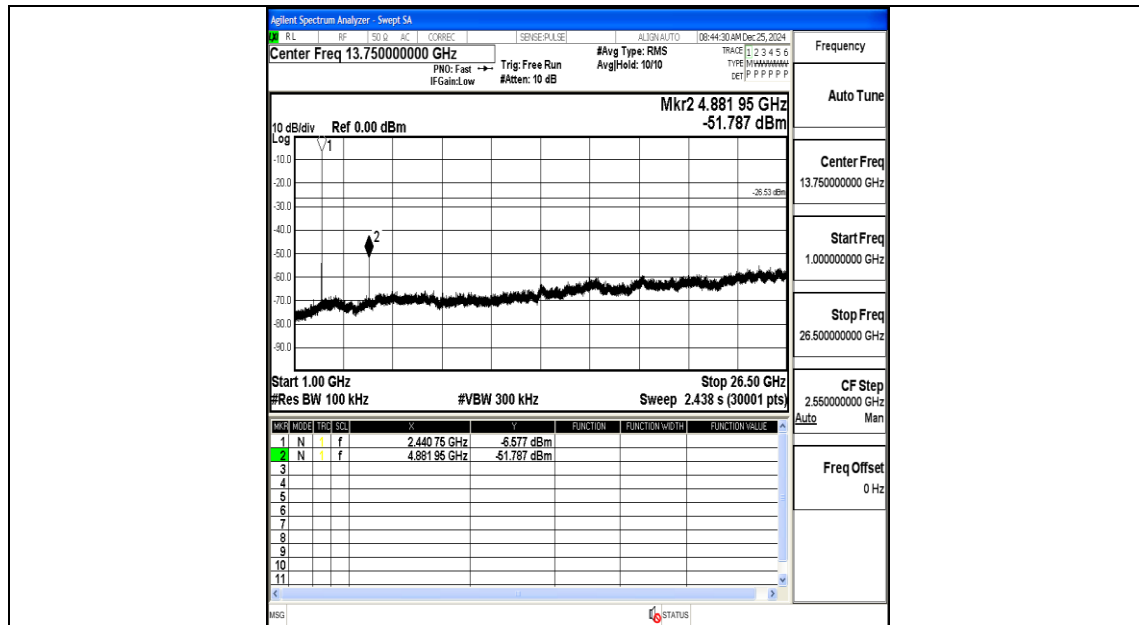
DH5-Ant1-2402-1000~26500-PASS



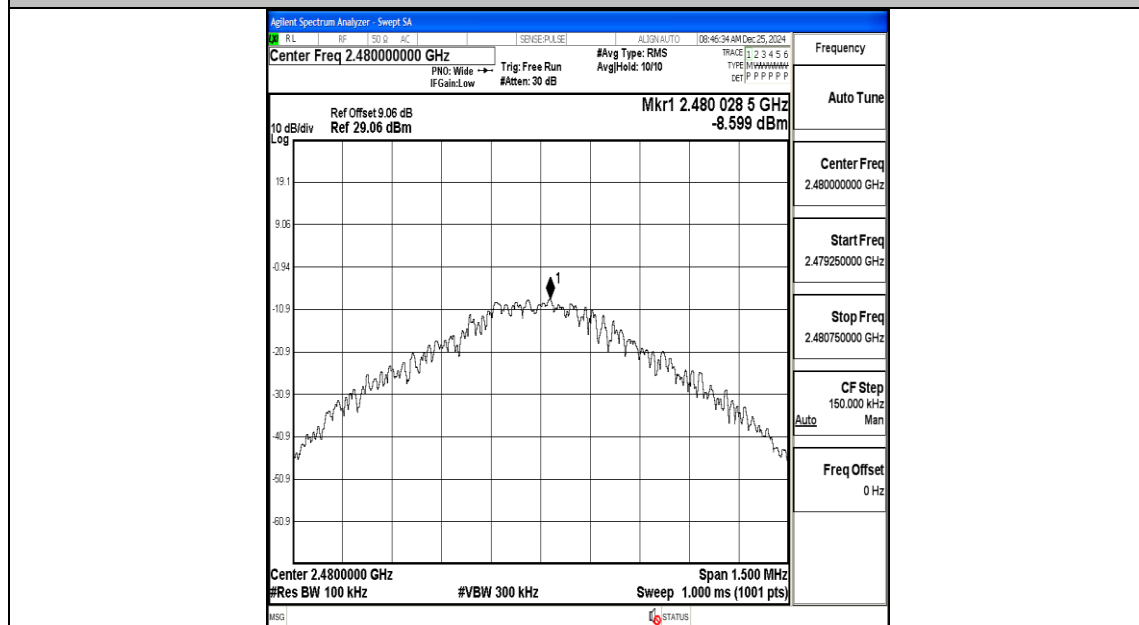
DH5-Ant1-2441-0~Reference-PASS



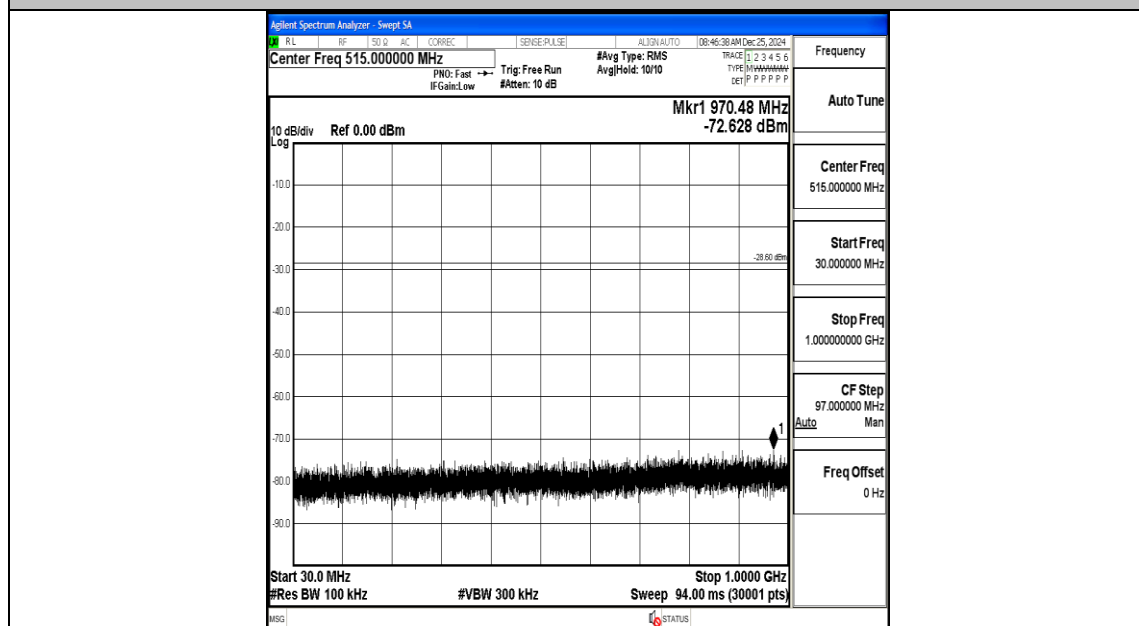
DH5-Ant1-2441-30~1000-PASS



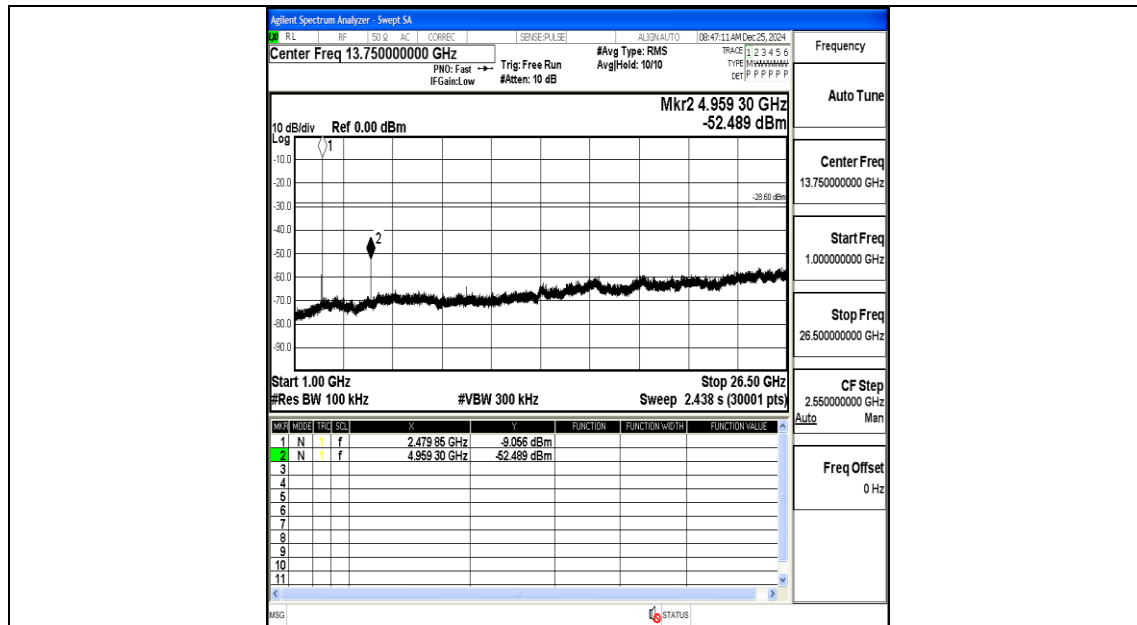
DH5-Ant1-2441-1000~26500-PASS



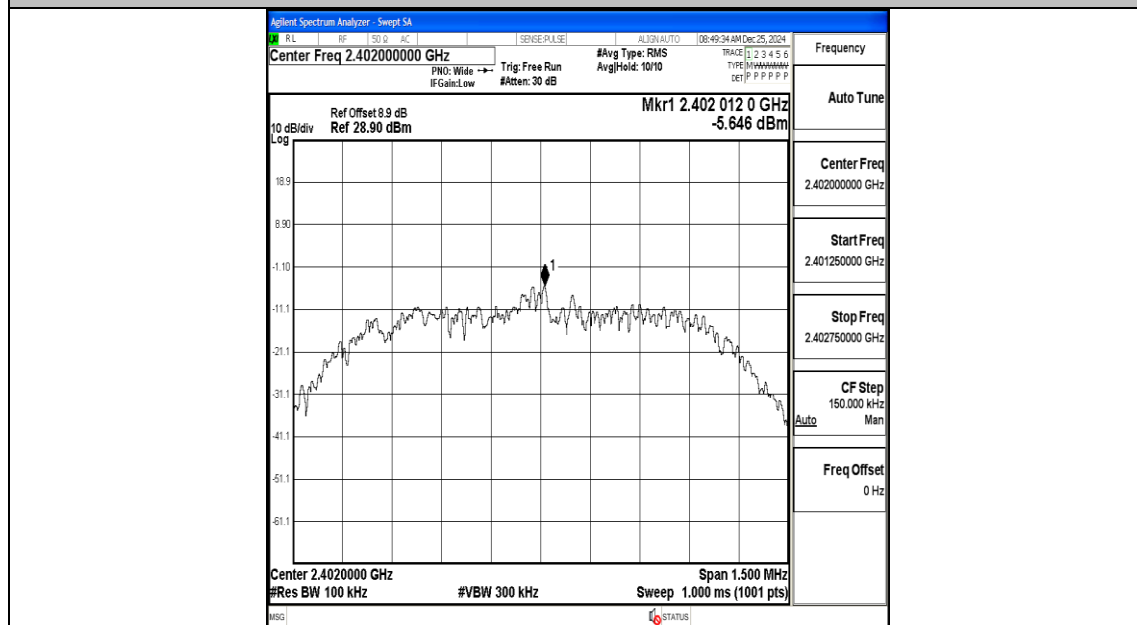
DH5-Ant1-2480-0~Reference-PASS



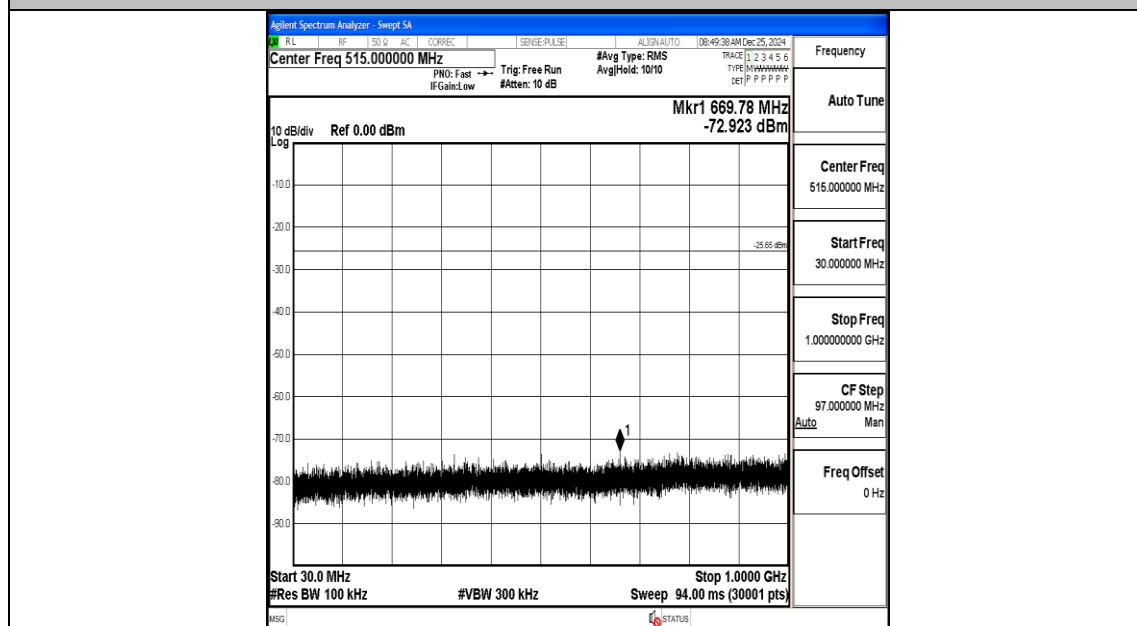
DH5-Ant1-2480-30~1000-PASS



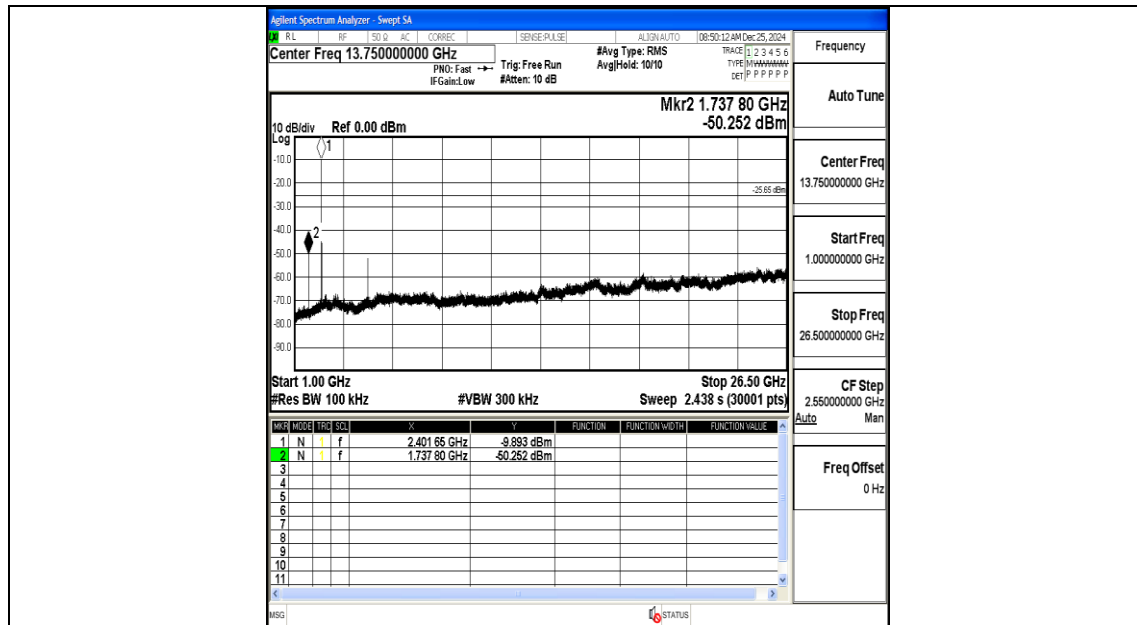
DH5-Ant1-2480-1000~26500-PASS



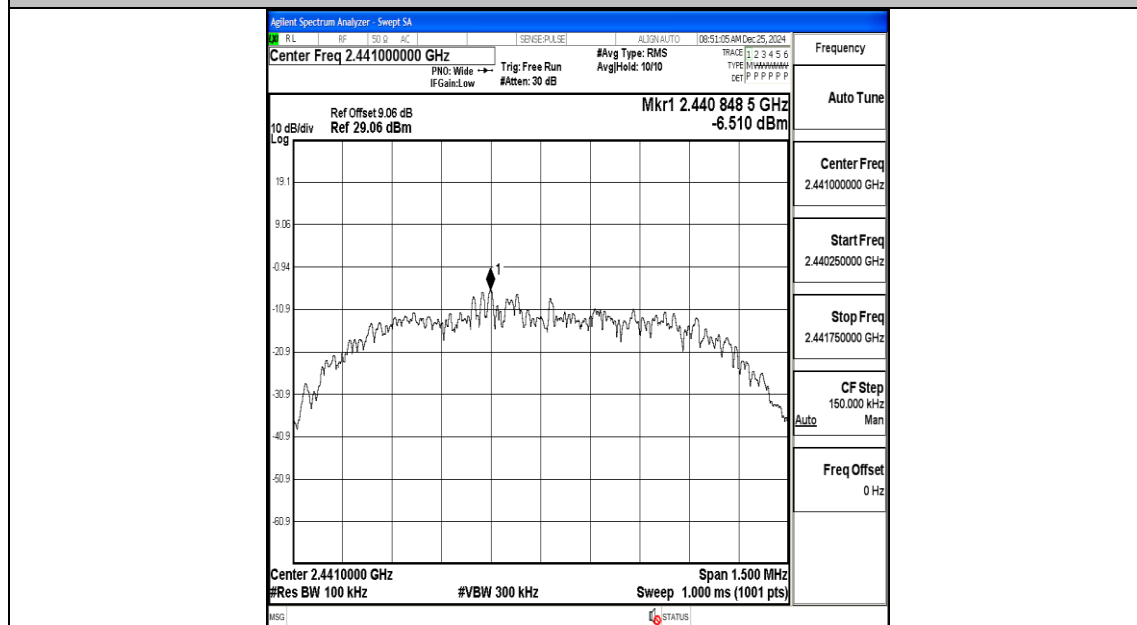
2DH5-Ant1-2402-0~Reference-PASS



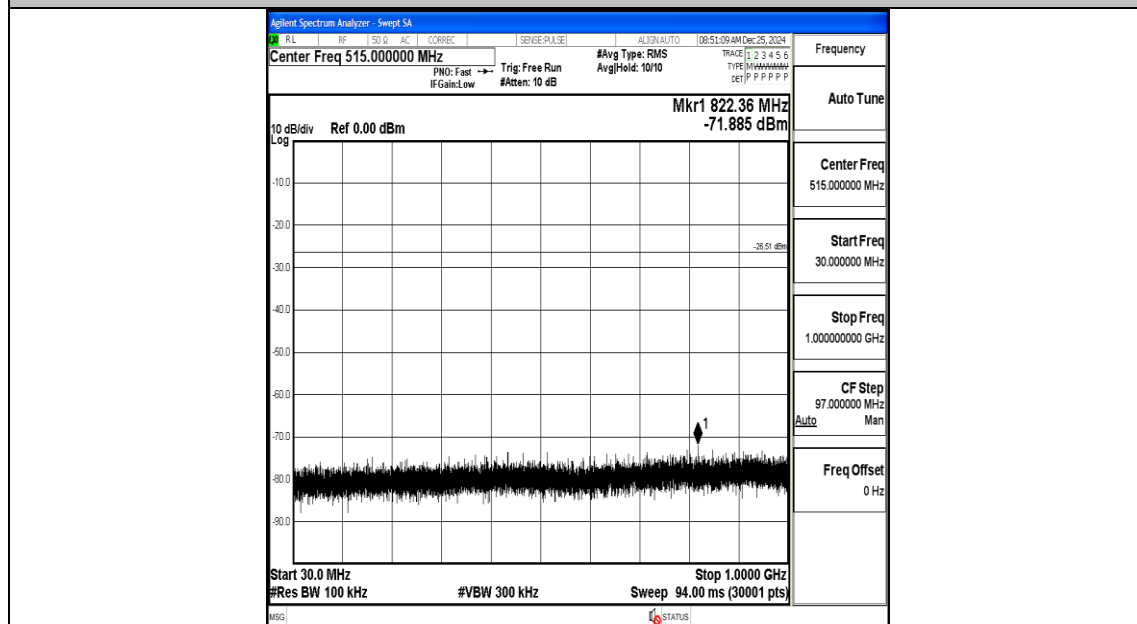
2DH5-Ant1-2402-30~1000-PASS



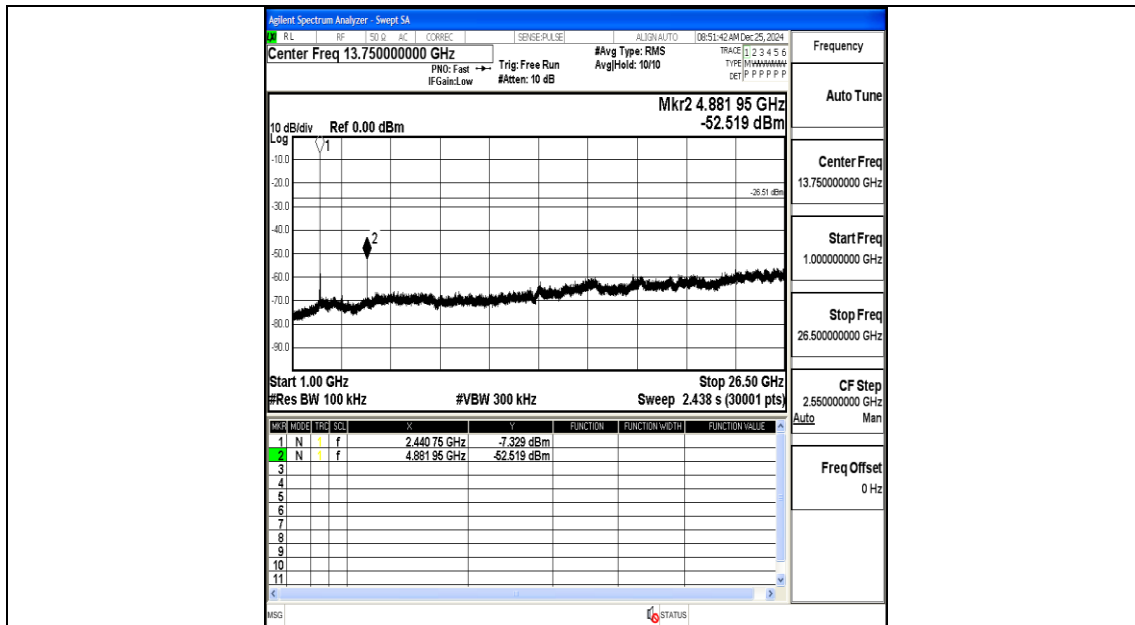
2DH5-Ant1-2402-1000~26500-PASS



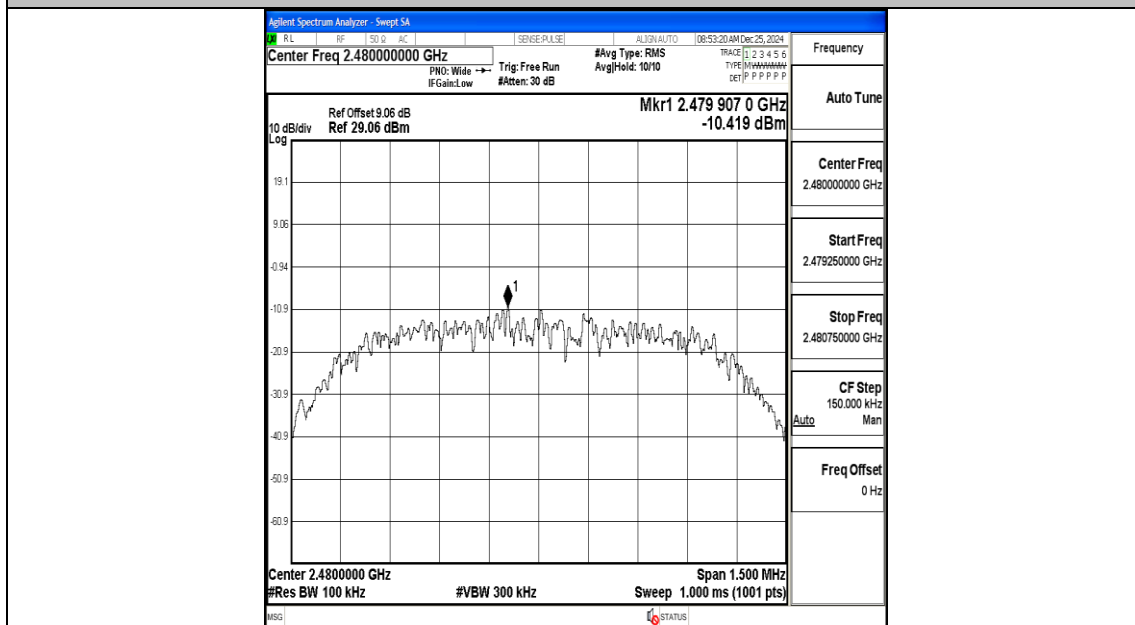
2DH5-Ant1-2441-0~Reference-PASS



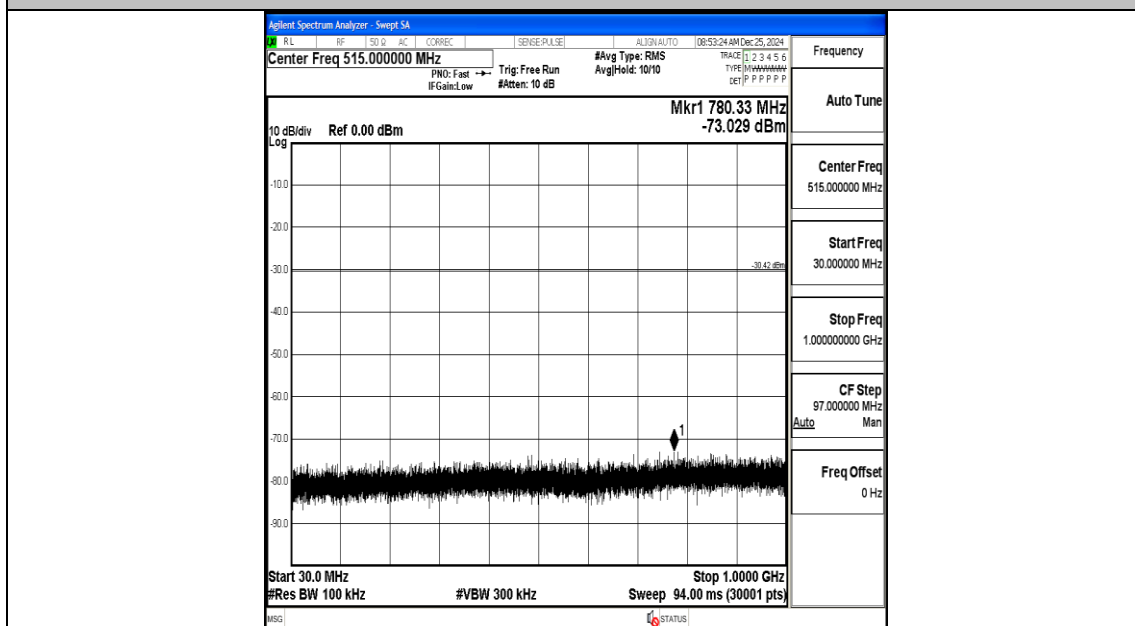
2DH5-Ant1-2441-30~1000-PASS



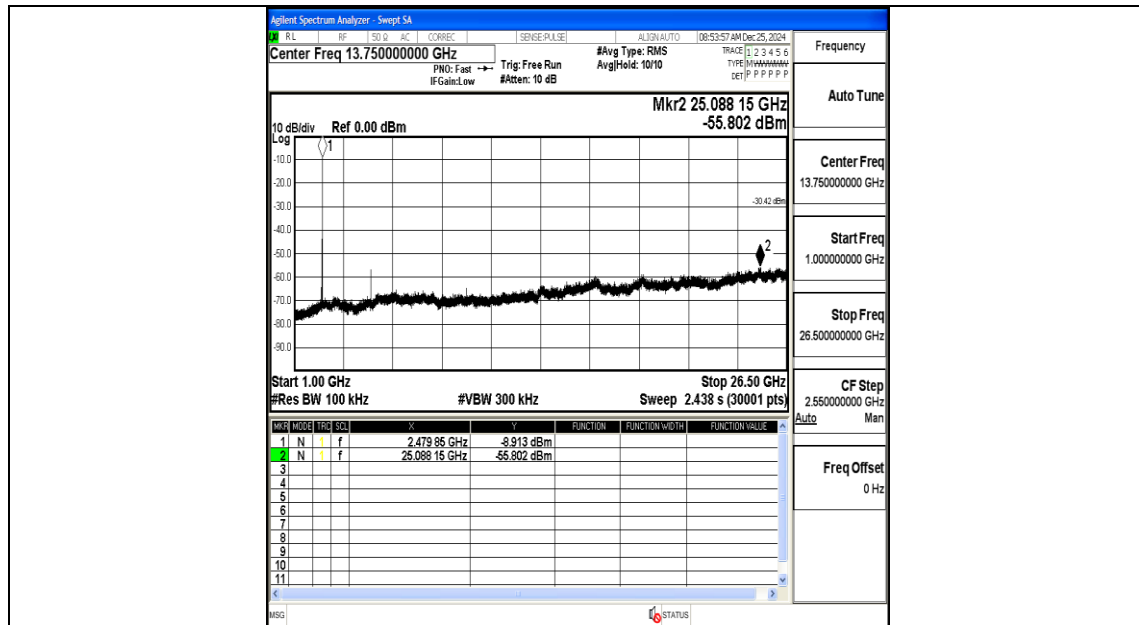
2DH5-Ant1-2441-1000~26500-PASS



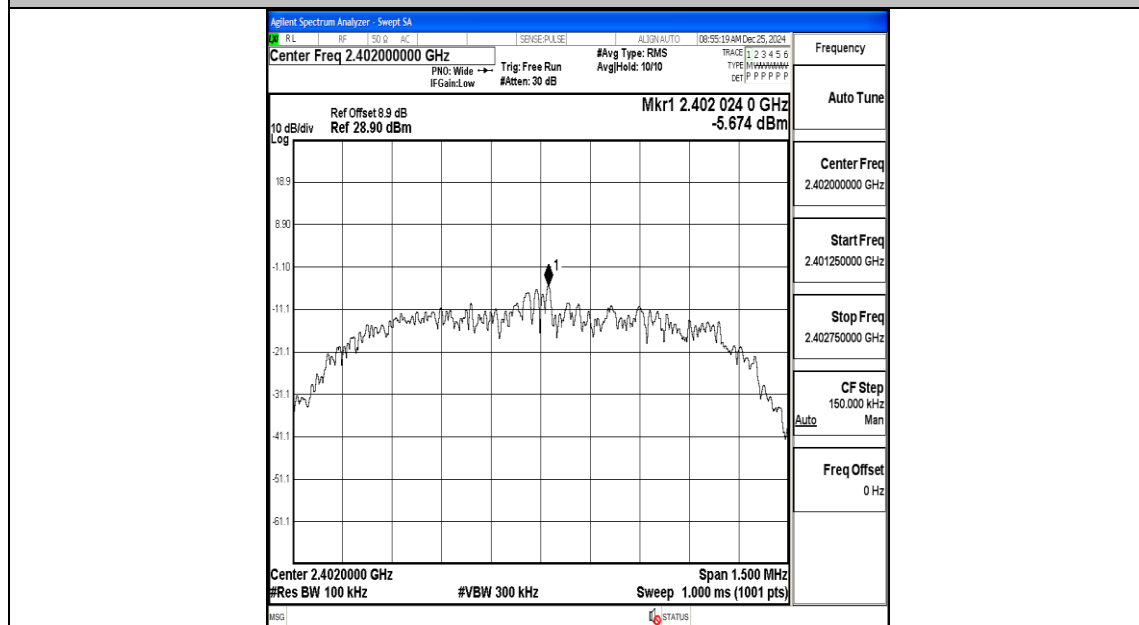
2DH5-Ant1-2480-0~Reference-PASS



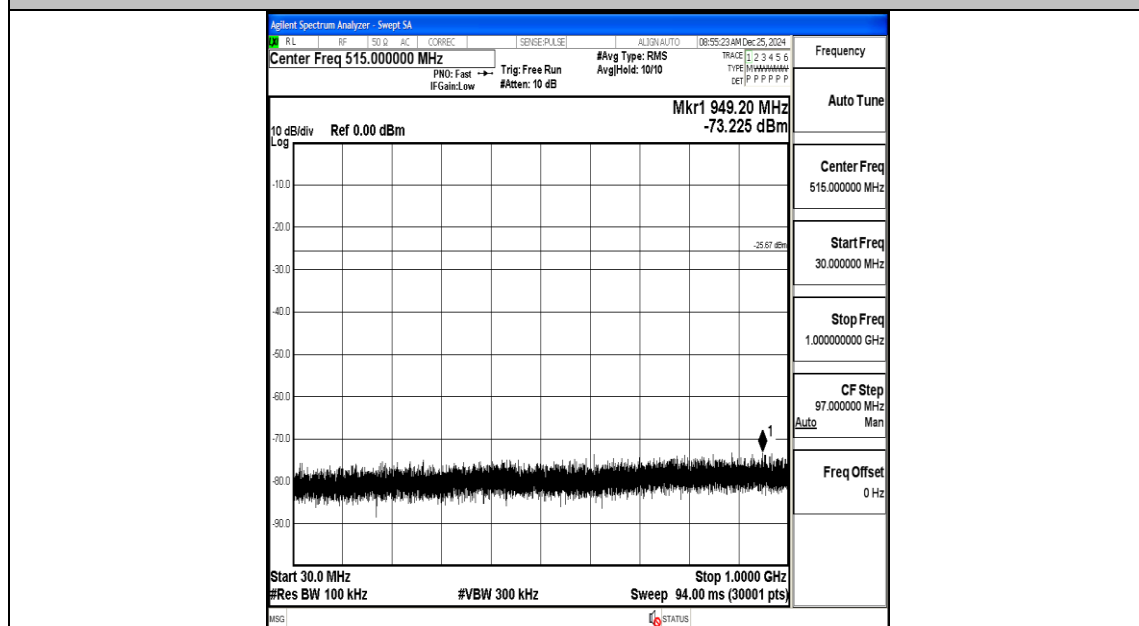
2DH5-Ant1-2480-30~1000-PASS



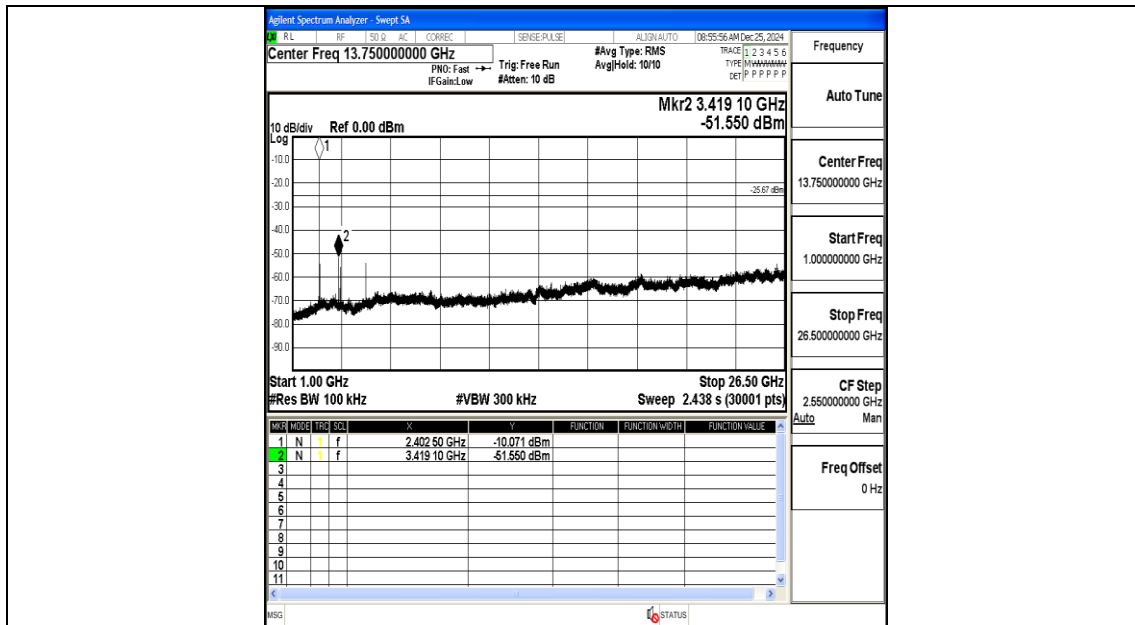
2DH5-Ant1-2480-1000~26500-PASS



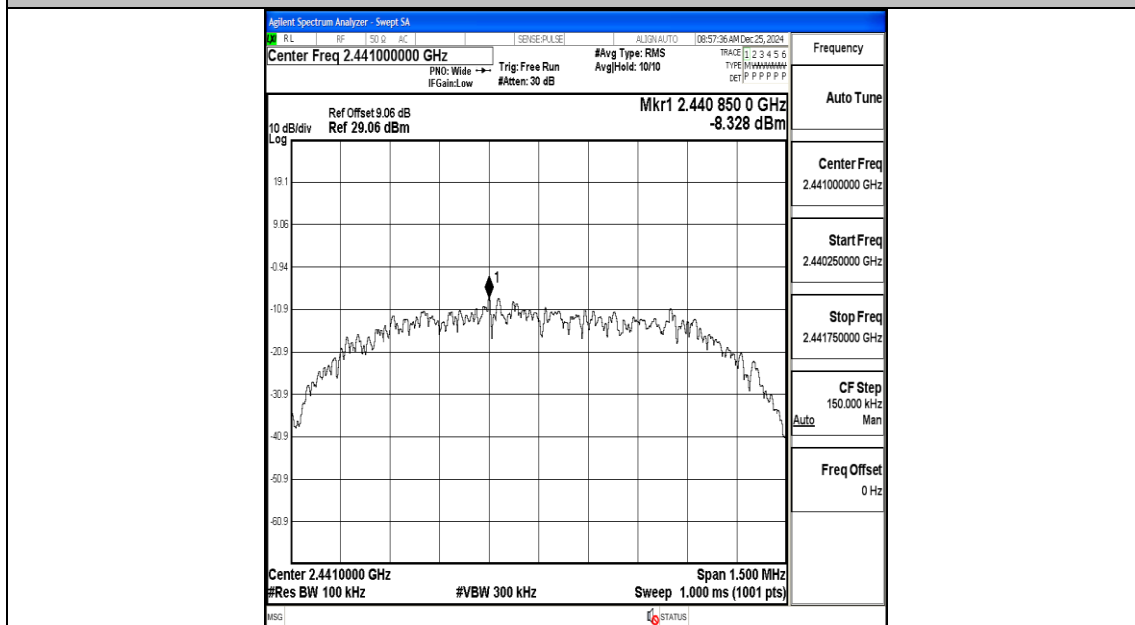
3DH5-Ant1-2402-0~Reference-PASS



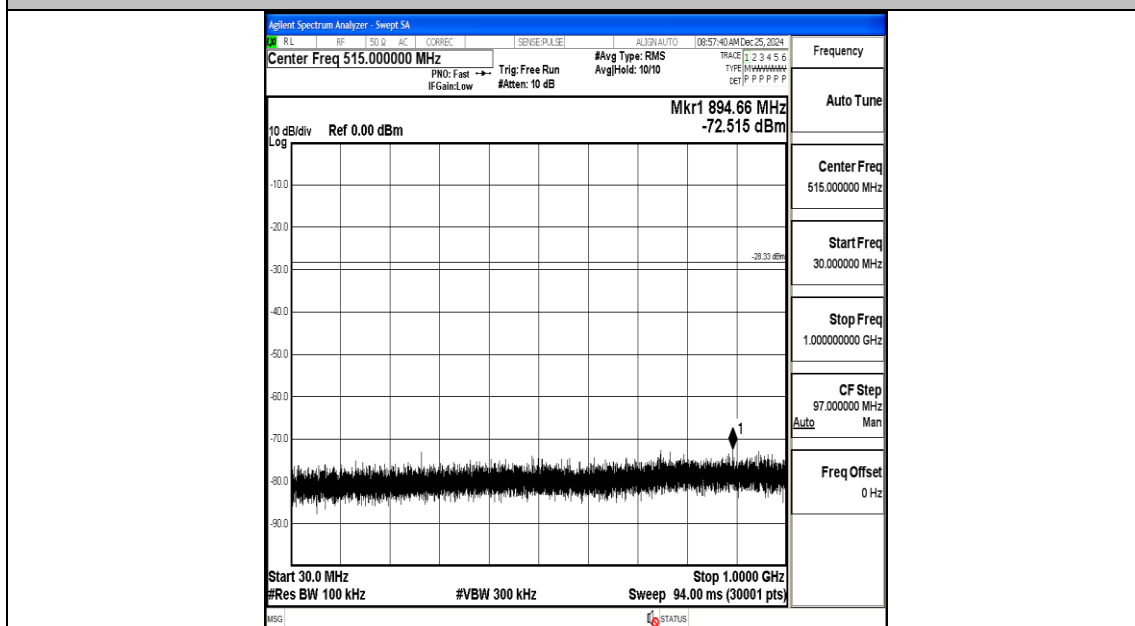
3DH5-Ant1-2402-30~1000-PASS



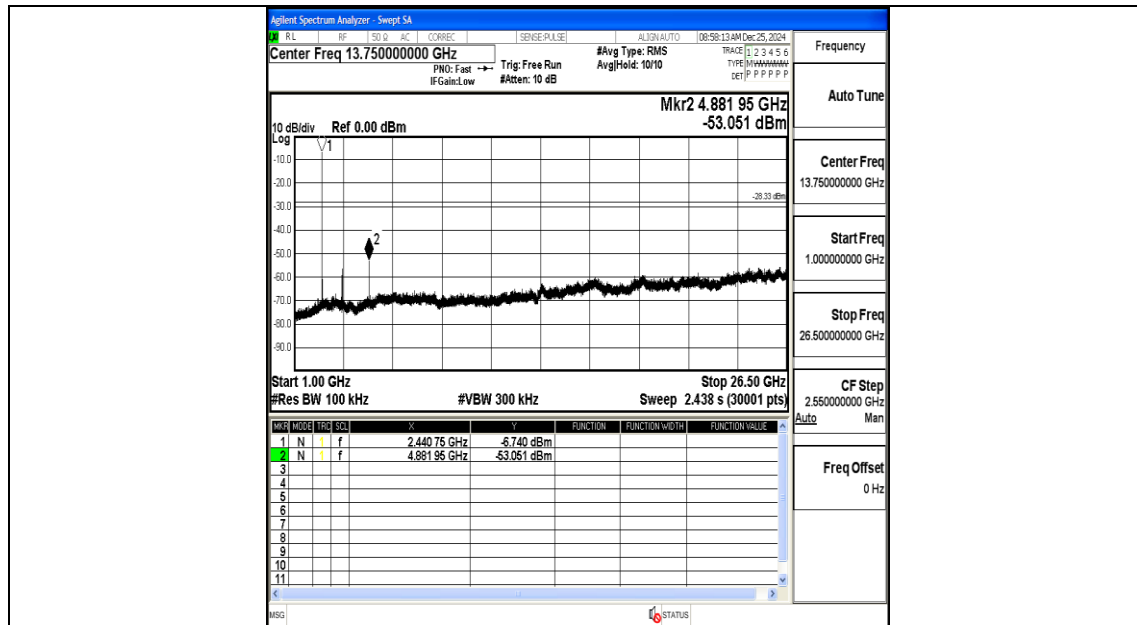
3DH5-Ant1-2402-1000~26500-PASS



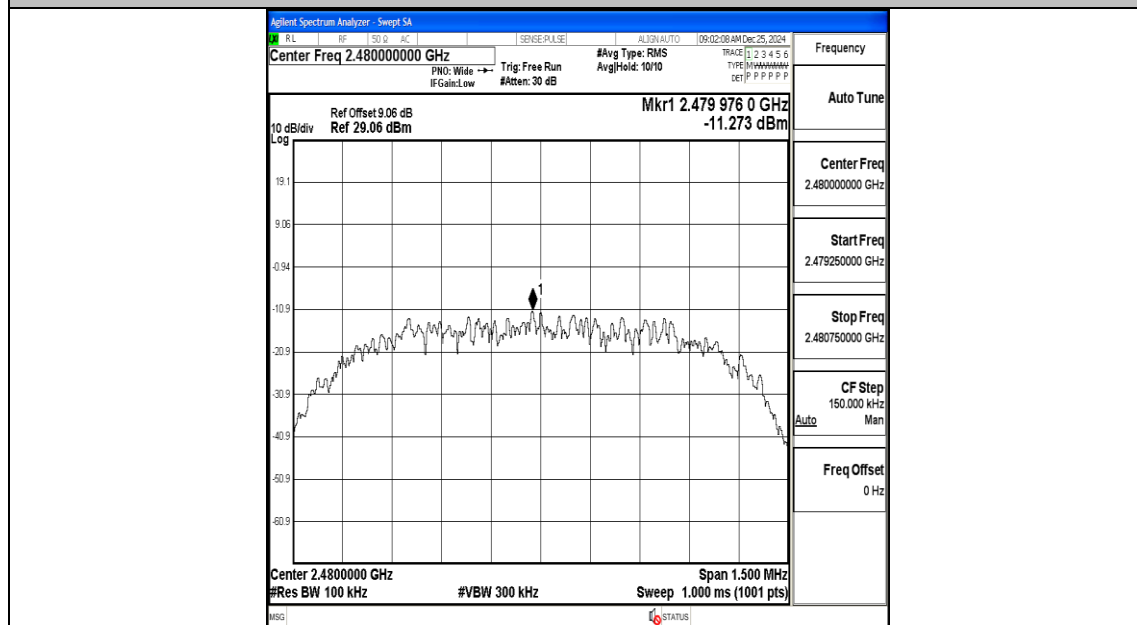
3DH5-Ant1-2441-0~Reference-PASS



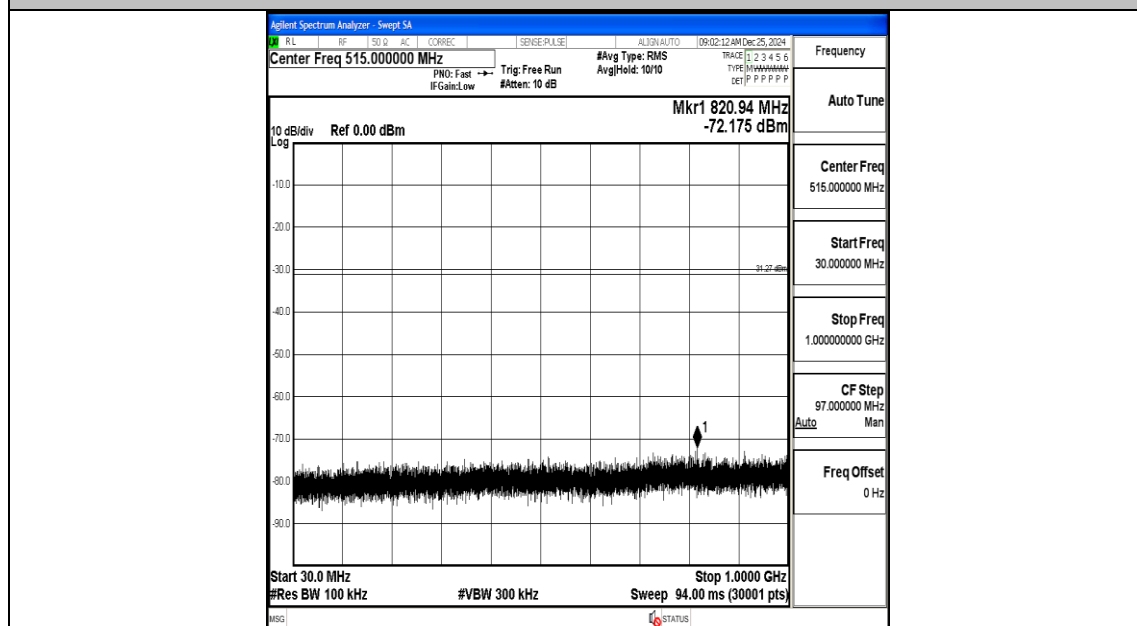
3DH5-Ant1-2441-30~1000-PASS



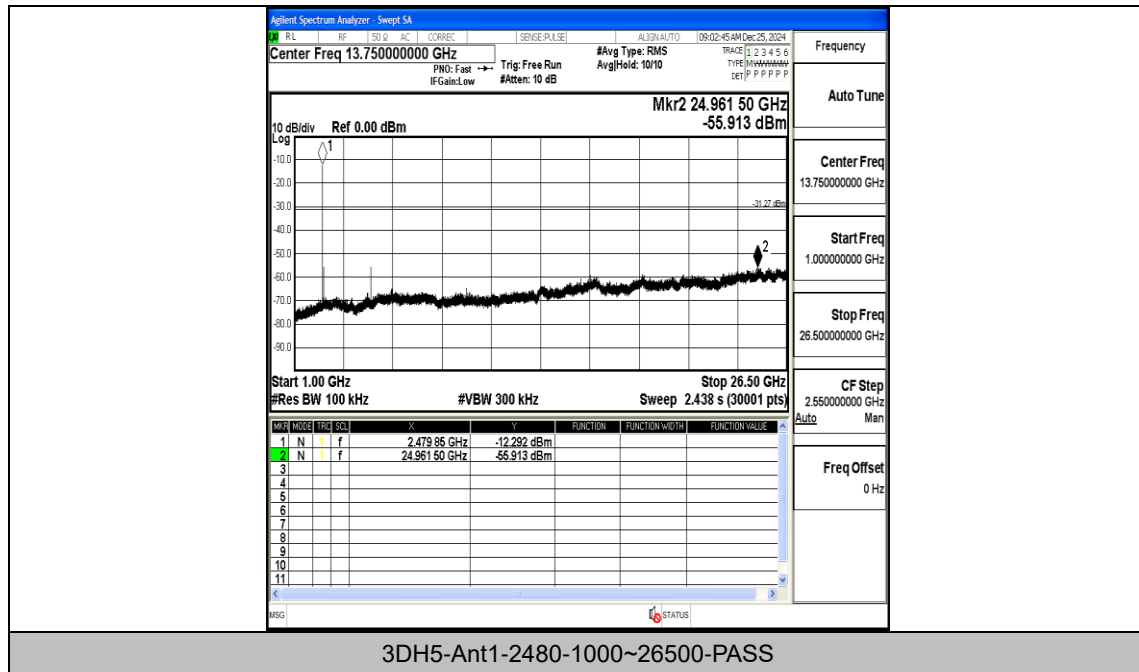
3DH5-Ant1-2441-1000~26500-PASS



3DH5-Ant1-2480-0~Reference-PASS



3DH5-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	2.90	3.75	77.33	1.12
DH5	Ant1	2441	2.91	3.75	77.60	1.10
DH5	Ant1	2480	2.91	3.75	77.60	1.10
2DH5	Ant1	2402	2.91	3.75	77.60	1.10
2DH5	Ant1	2441	2.90	3.74	77.54	1.10
2DH5	Ant1	2480	2.91	3.75	77.60	1.10
3DH5	Ant1	2402	2.91	3.75	77.60	1.10
3DH5	Ant1	2441	2.91	3.75	77.60	1.10
3DH5	Ant1	2480	2.91	3.75	77.60	1.10

Test Graphs

