

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

Product Name: Bluetooth Headset

Trade Mark: /

Test Model: JR07

FCC ID: 2BH8I-JR07

Environmental Conditions

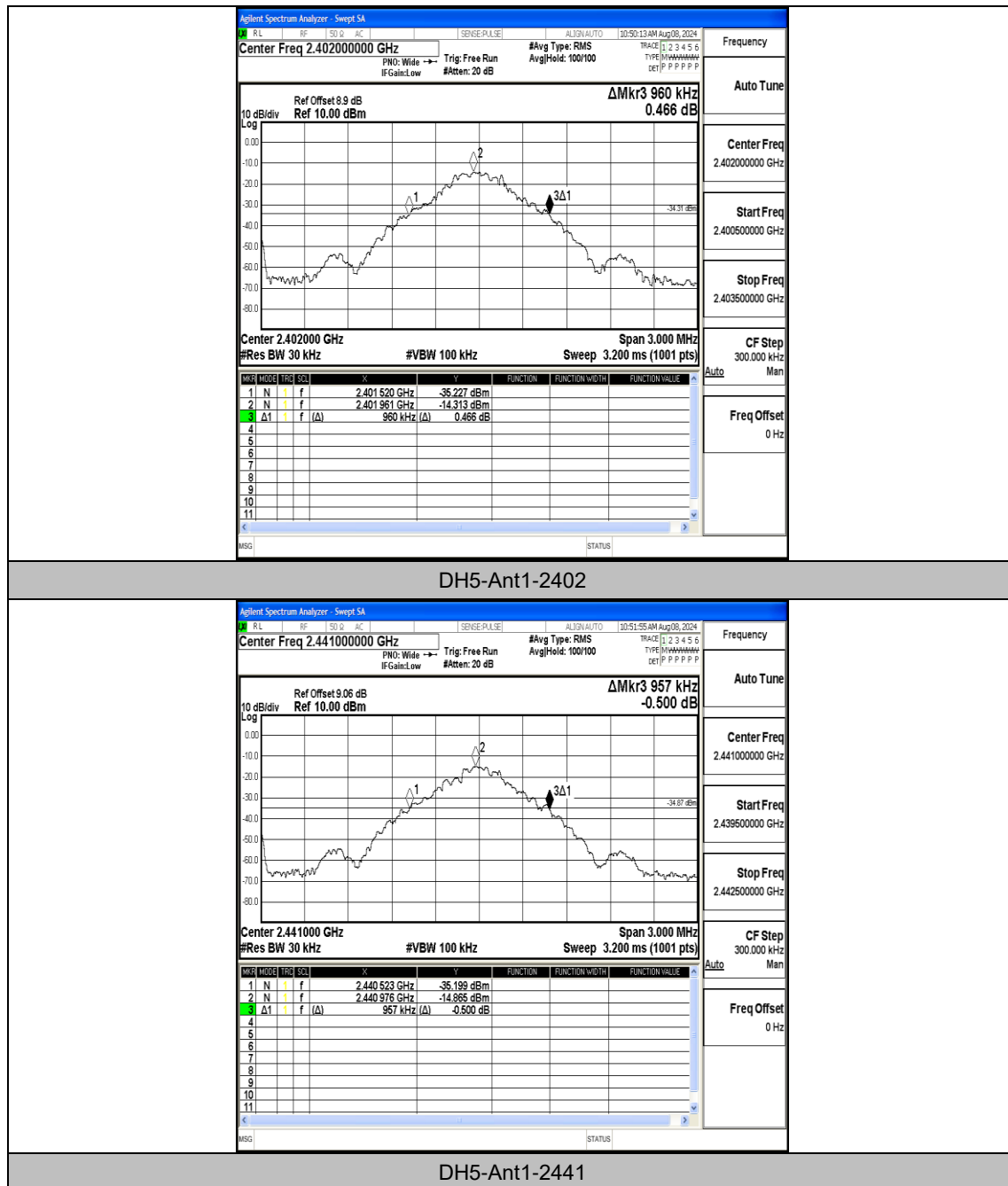
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

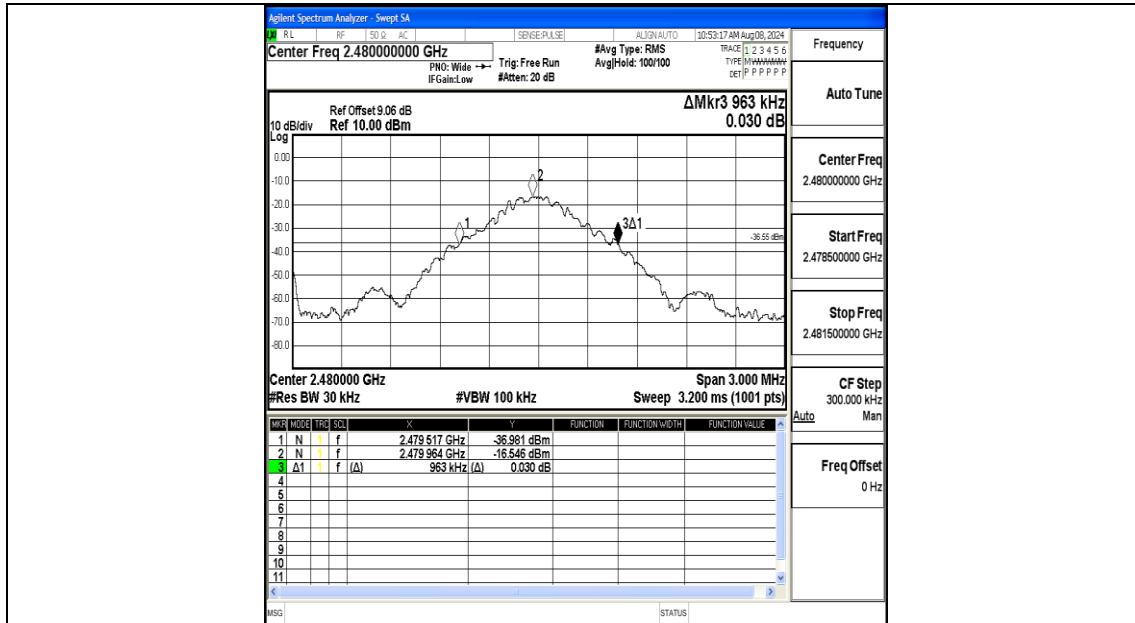
Appendix A: 20dB Emission Bandwidth

Test Result

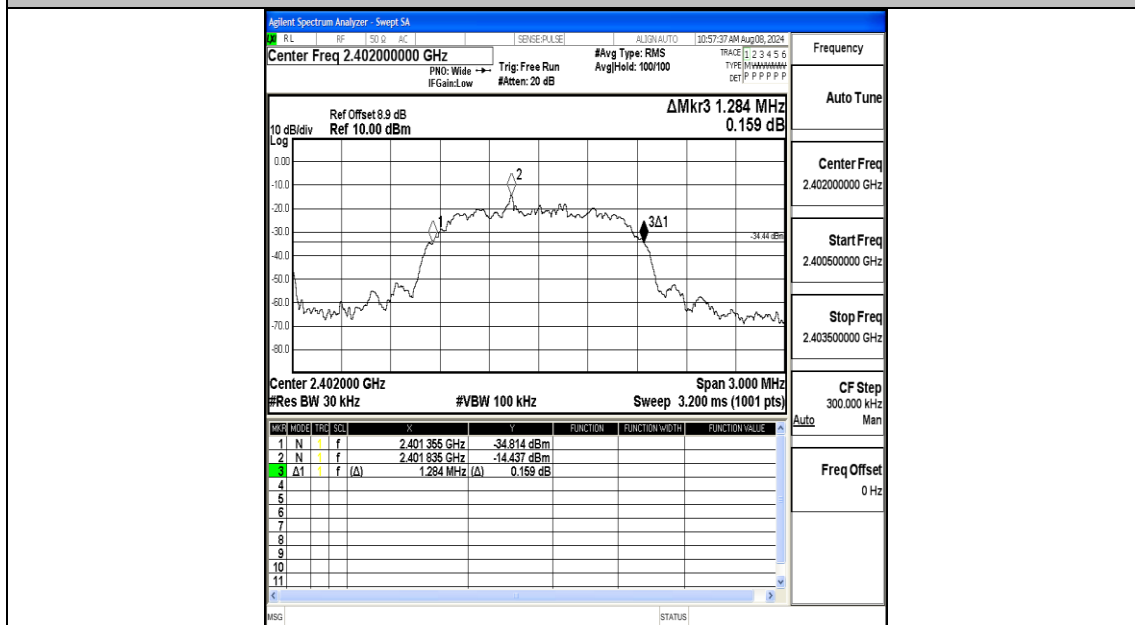
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.960	2401.520	2402.480	---	---
DH5	Ant1	2441	0.957	2440.523	2441.480	---	---
DH5	Ant1	2480	0.963	2479.517	2480.480	---	---
2DH5	Ant1	2402	1.284	2401.355	2402.639	---	---
2DH5	Ant1	2441	1.305	2440.337	2441.642	---	---
2DH5	Ant1	2480	1.278	2479.358	2480.636	---	---

Test Graphs

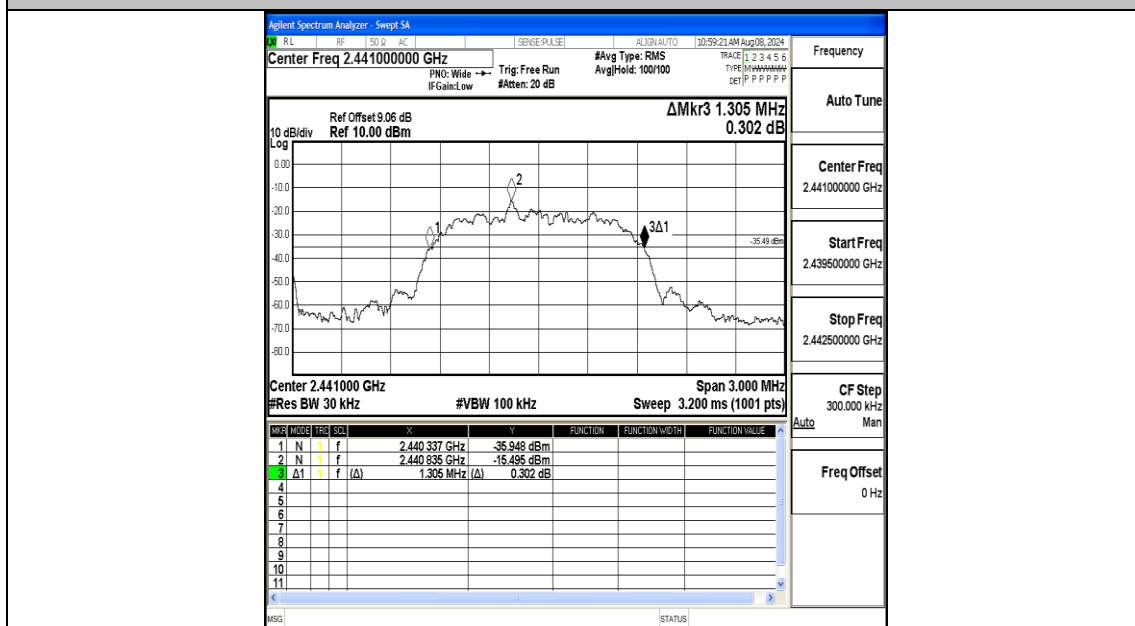




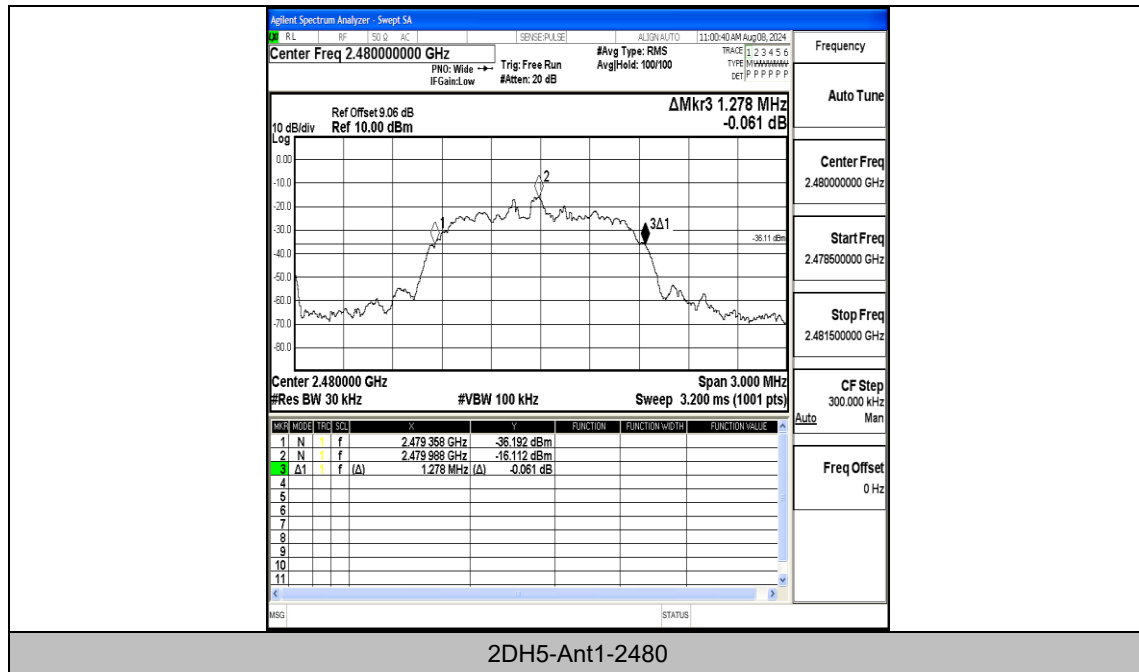
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441

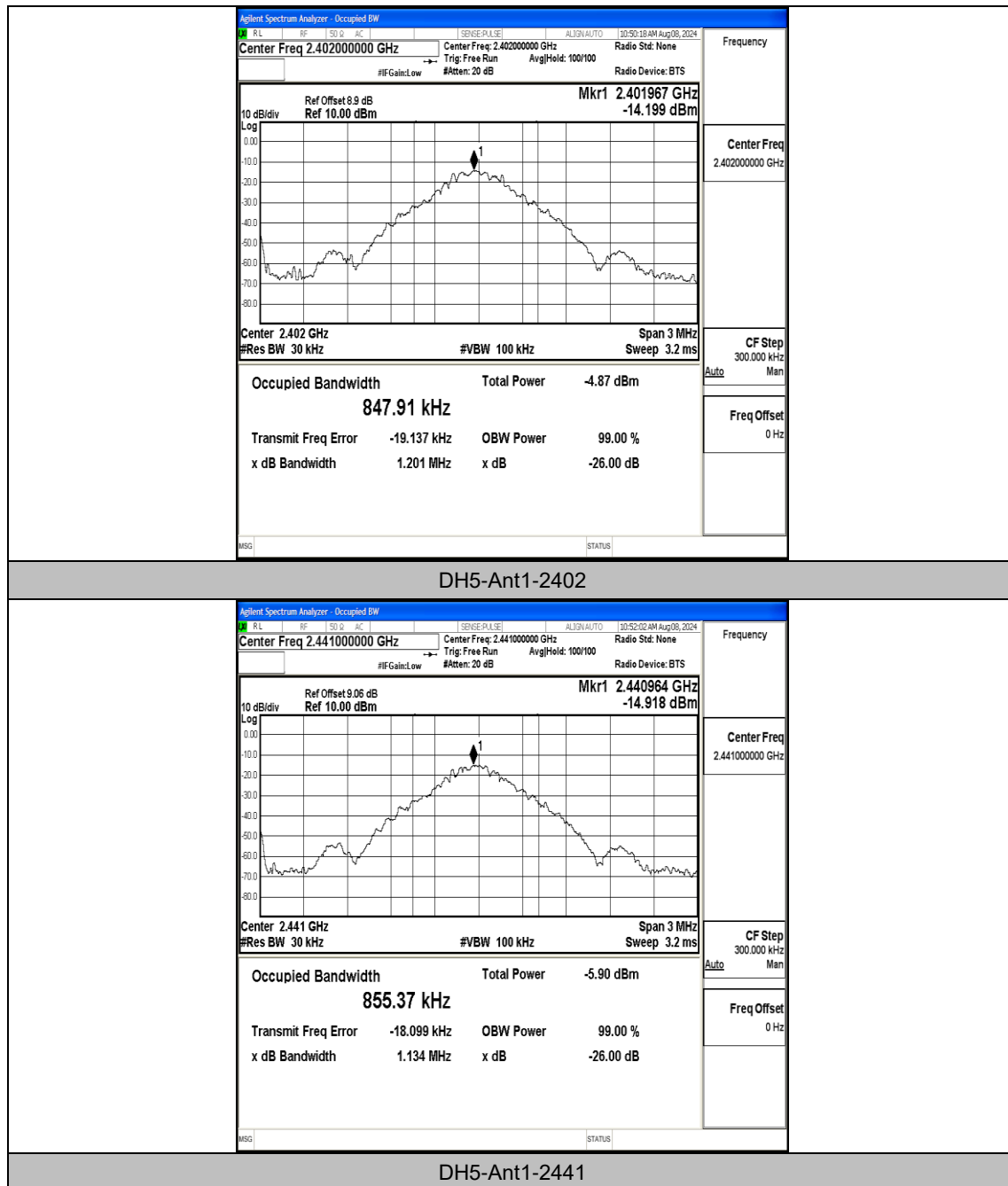


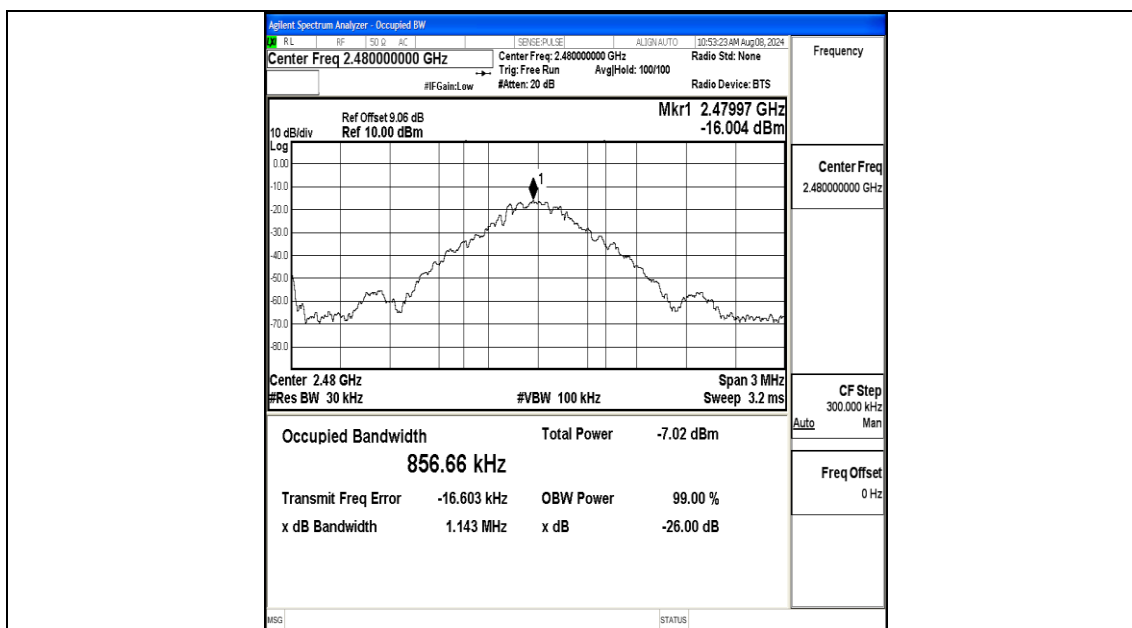
Appendix B: Occupied Channel Bandwidth

Test Result

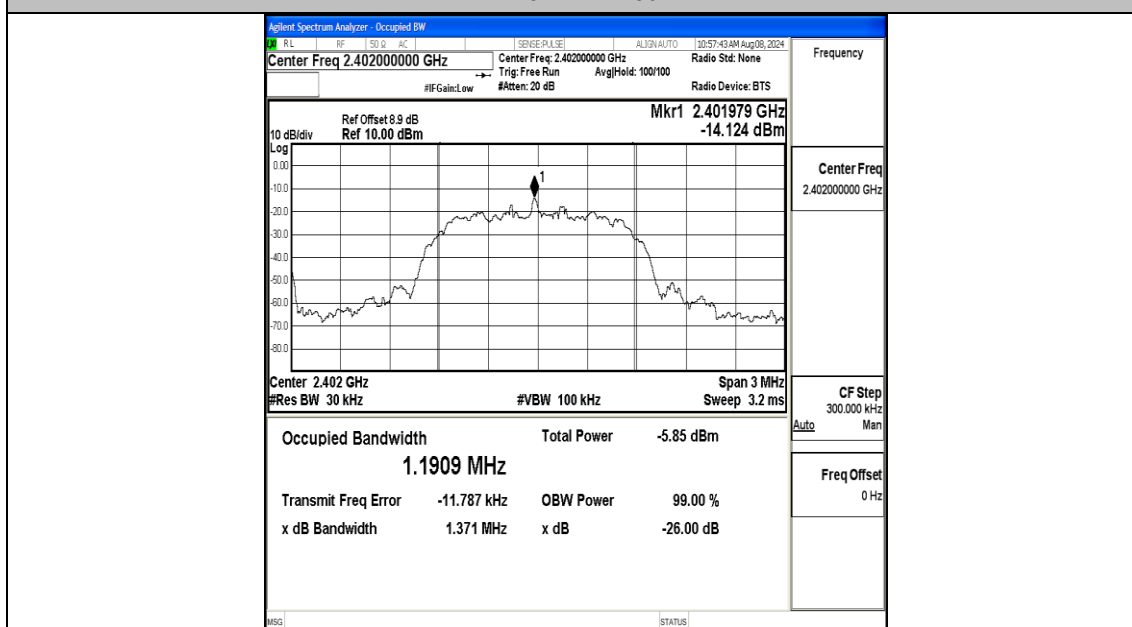
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.84791	2401.5569	2402.4048	---	---
DH5	Ant1	2441	0.85537	2440.5542	2441.4096	---	---
DH5	Ant1	2480	0.85666	2479.5551	2480.4117	---	---
2DH5	Ant1	2402	1.1909	2401.3928	2402.5837	---	---
2DH5	Ant1	2441	1.1742	2440.3985	2441.5727	---	---
2DH5	Ant1	2480	1.1875	2479.3944	2480.5819	---	---

Test Graphs

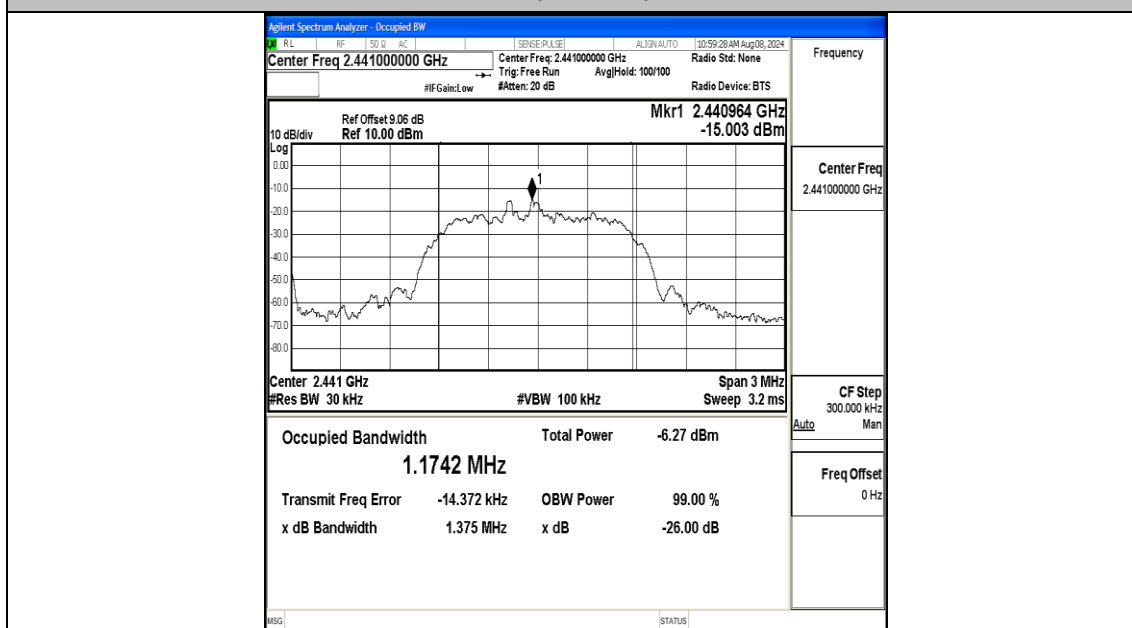




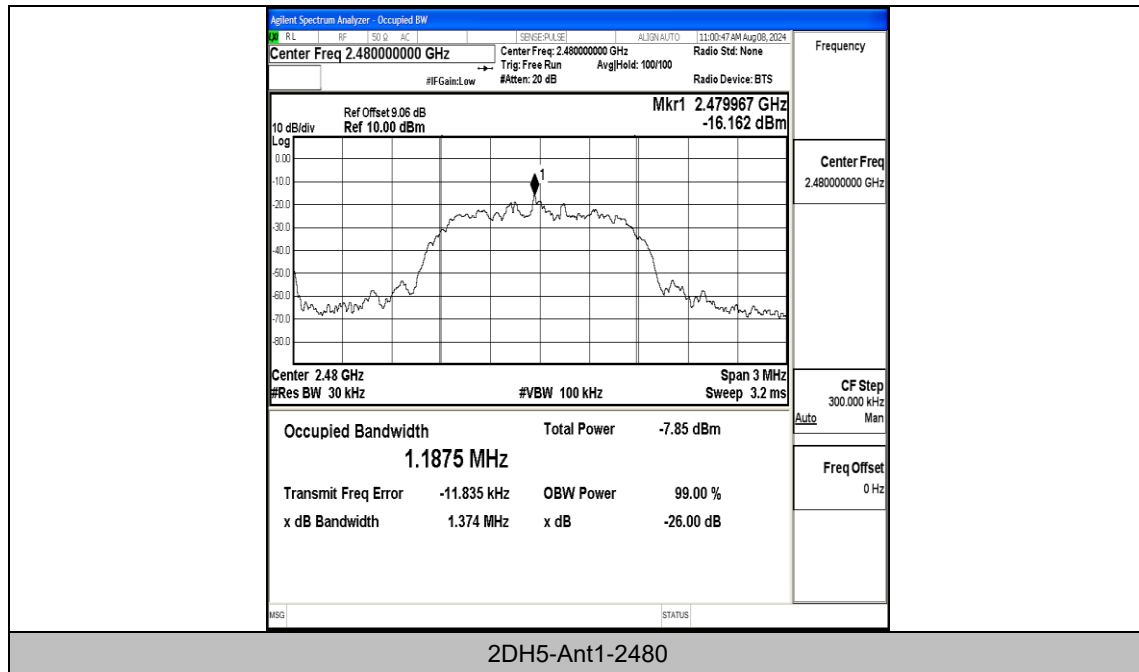
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441

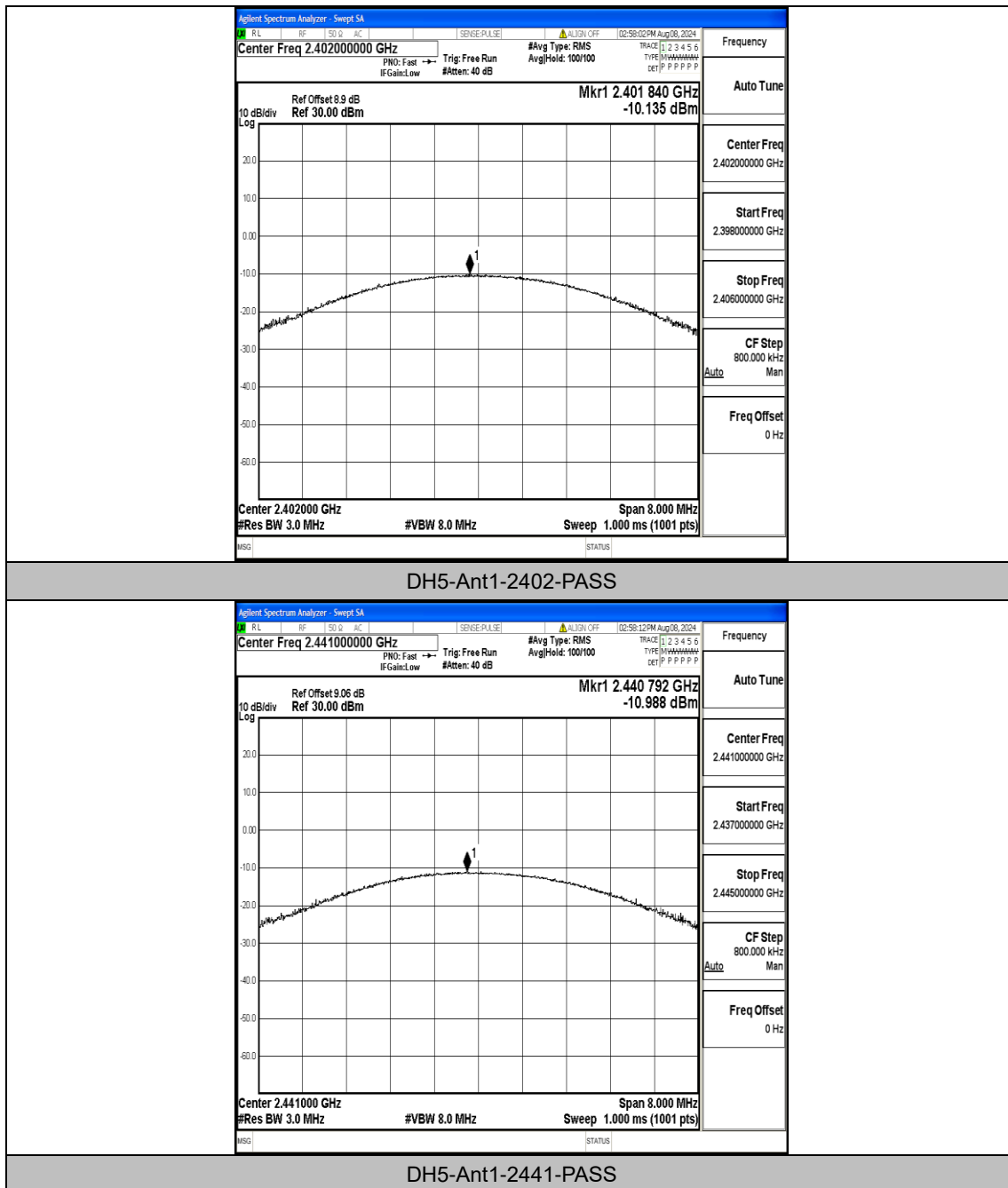


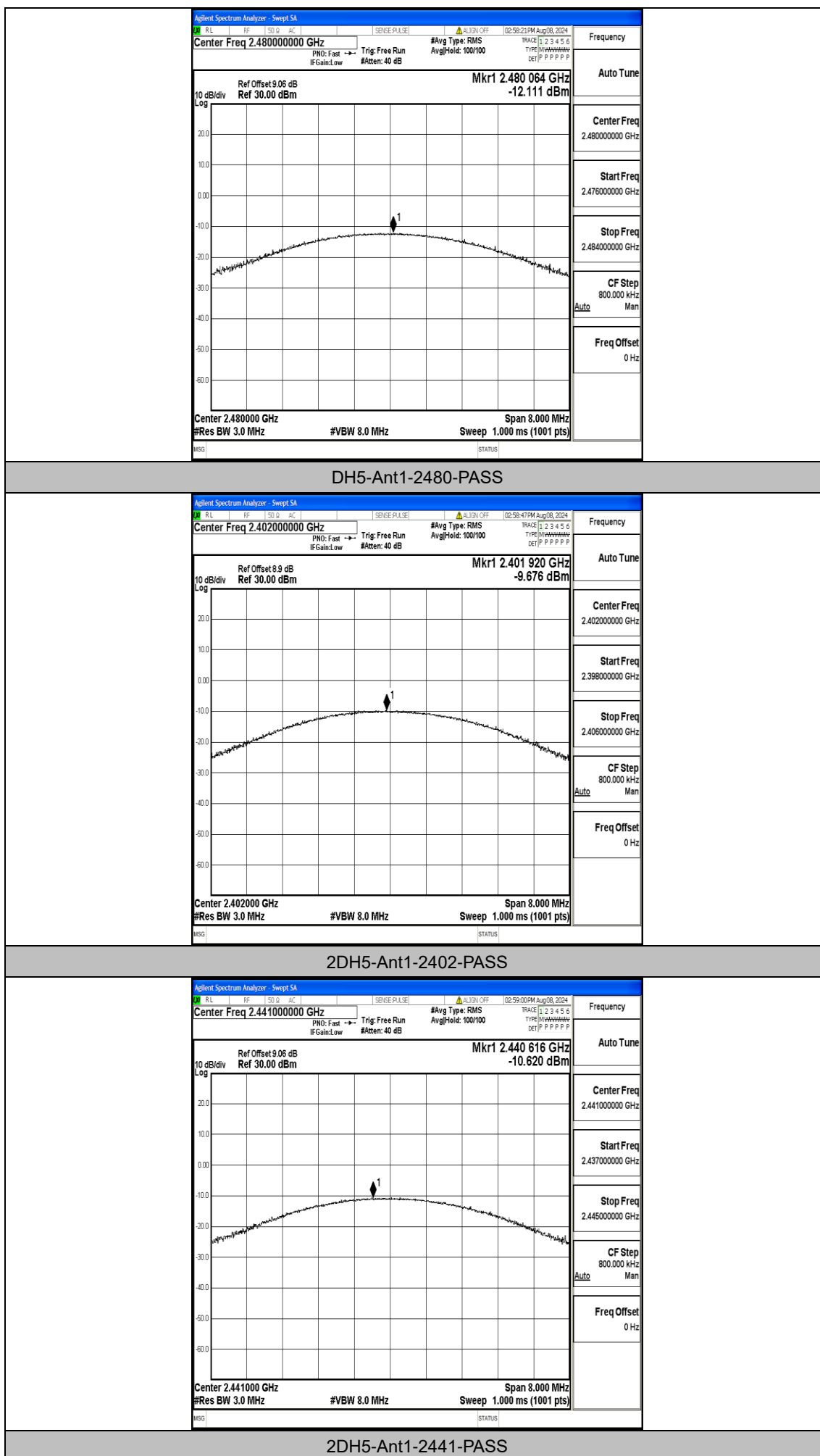
Appendix C: Maximum peak conducted output power

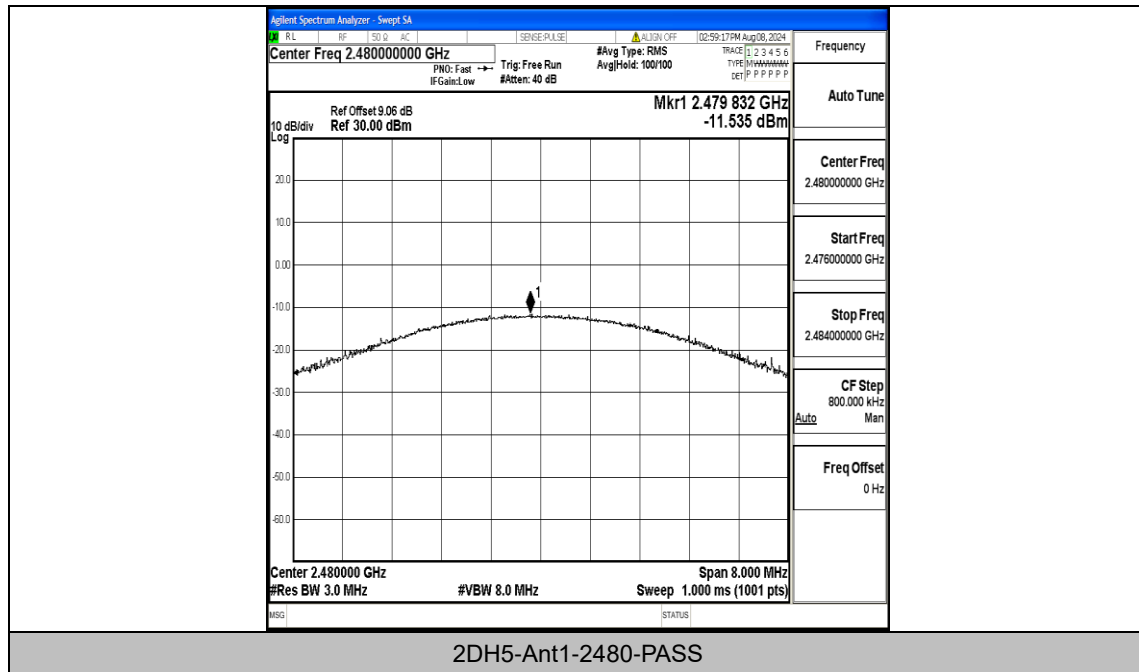
Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-10.14	≤30	PASS
DH5	Ant1	2441	-10.99	≤30	PASS
DH5	Ant1	2480	-12.11	≤30	PASS
2DH5	Ant1	2402	-9.68	≤20.97	PASS
2DH5	Ant1	2441	-10.62	≤20.97	PASS
2DH5	Ant1	2480	-11.54	≤20.97	PASS

Test Graphs





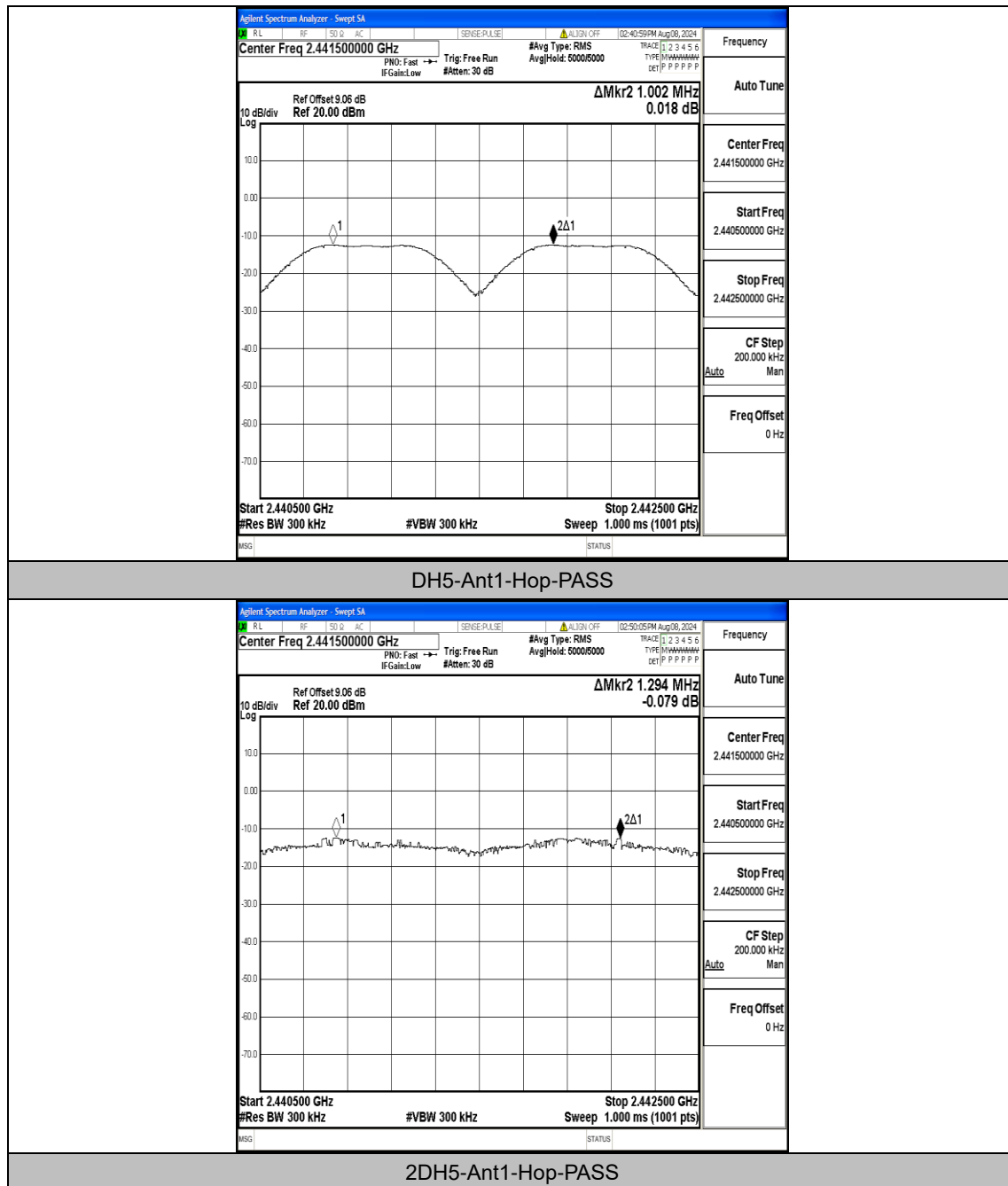


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.002	≥ 0.963	PASS
2DH5	Ant1	Hop	1.294	≥ 0.870	PASS

Test Graphs

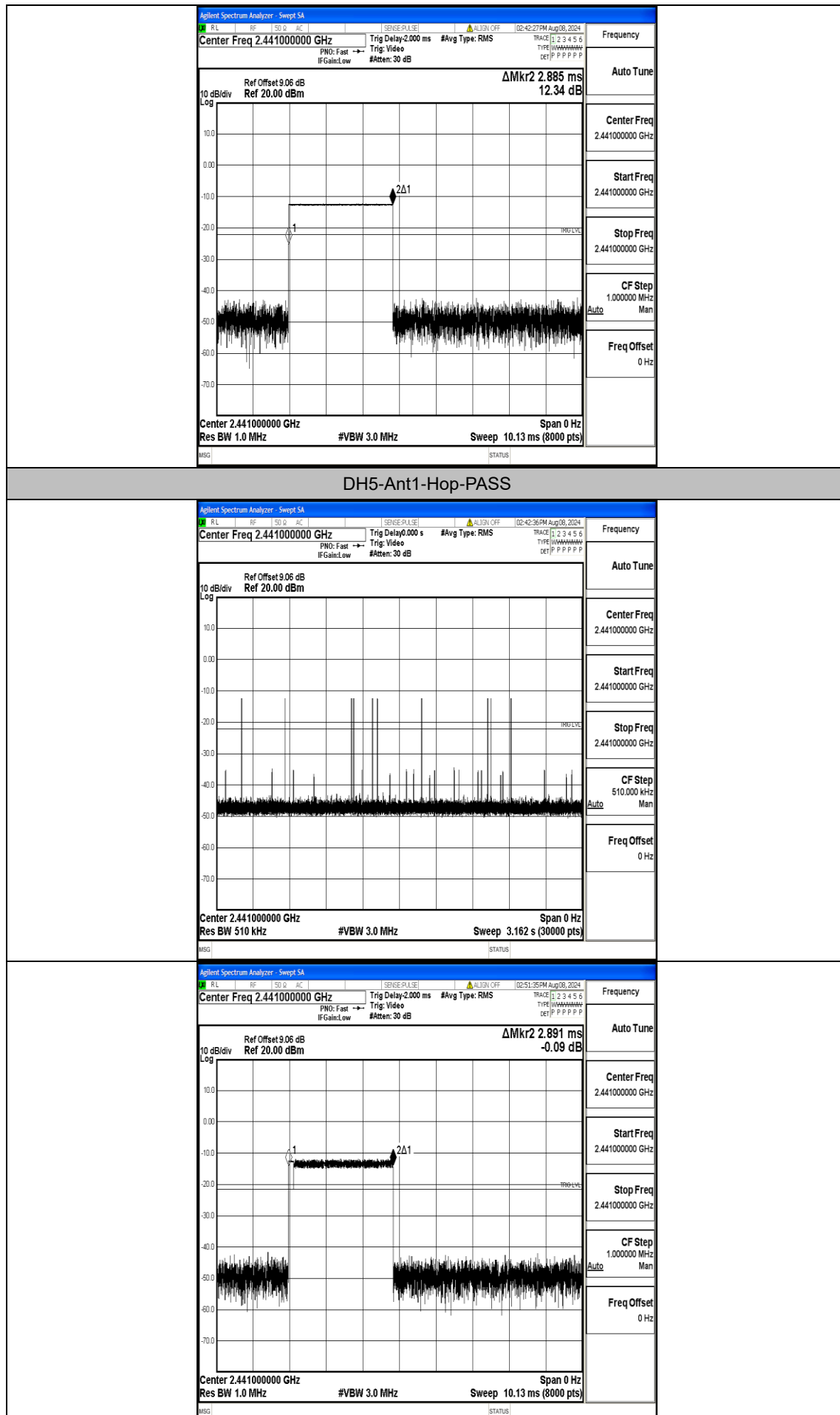


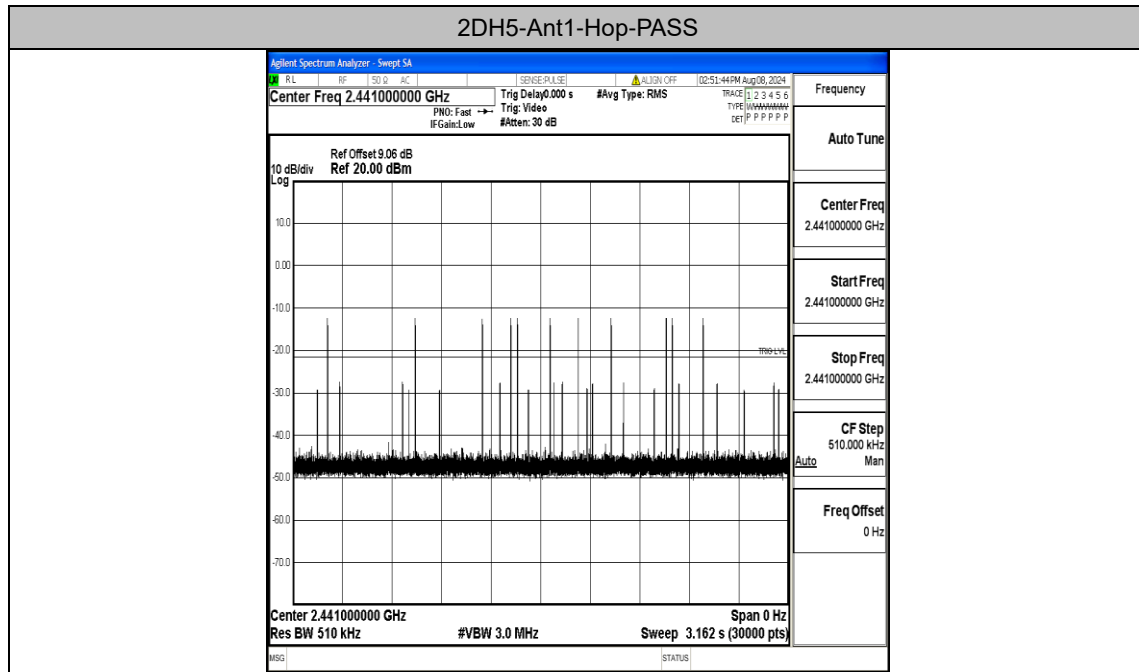
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.885	120	0.346	≤0.4	PASS
2DH5	Ant1	Hop	2.891	120	0.347	≤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
2DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

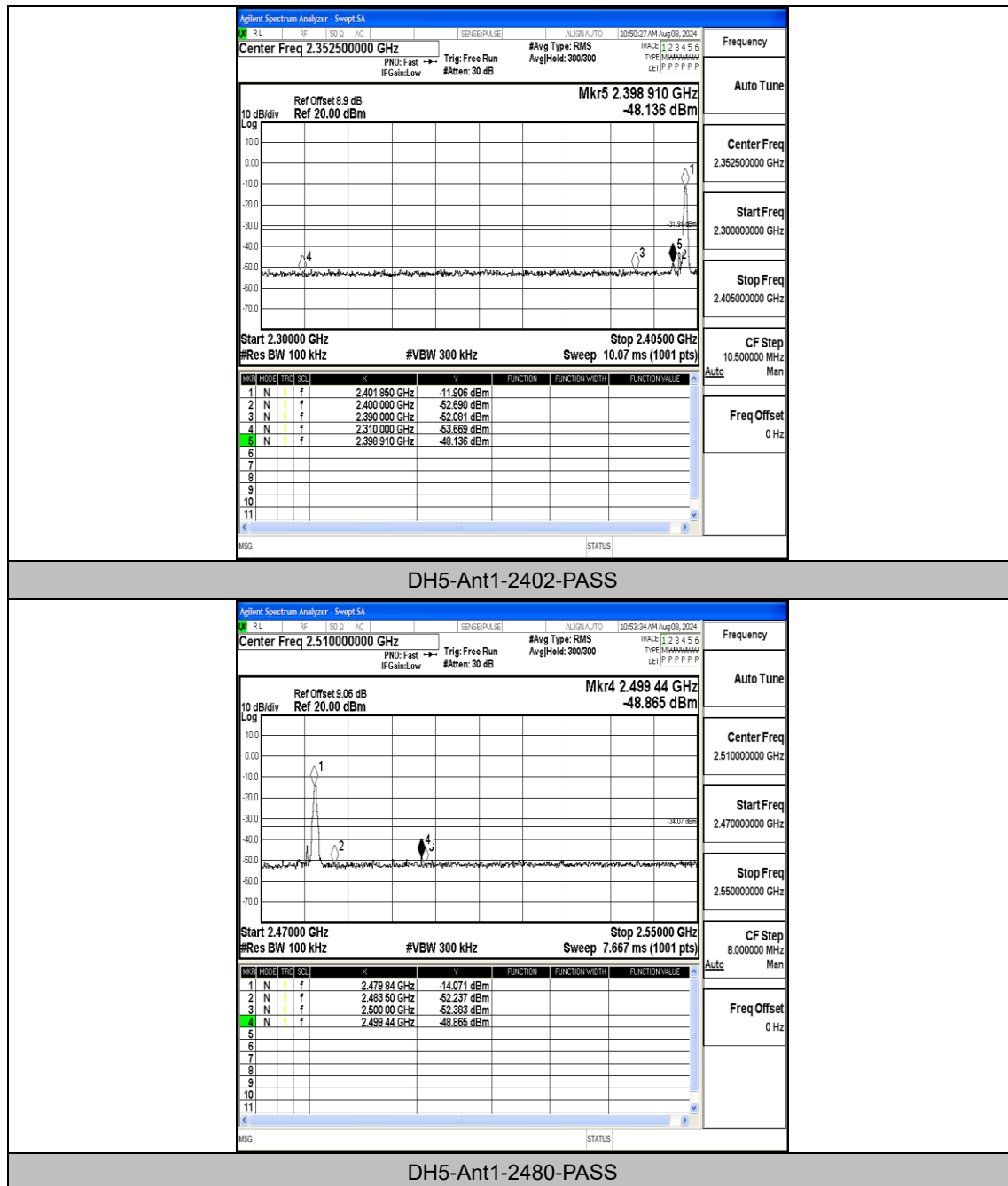


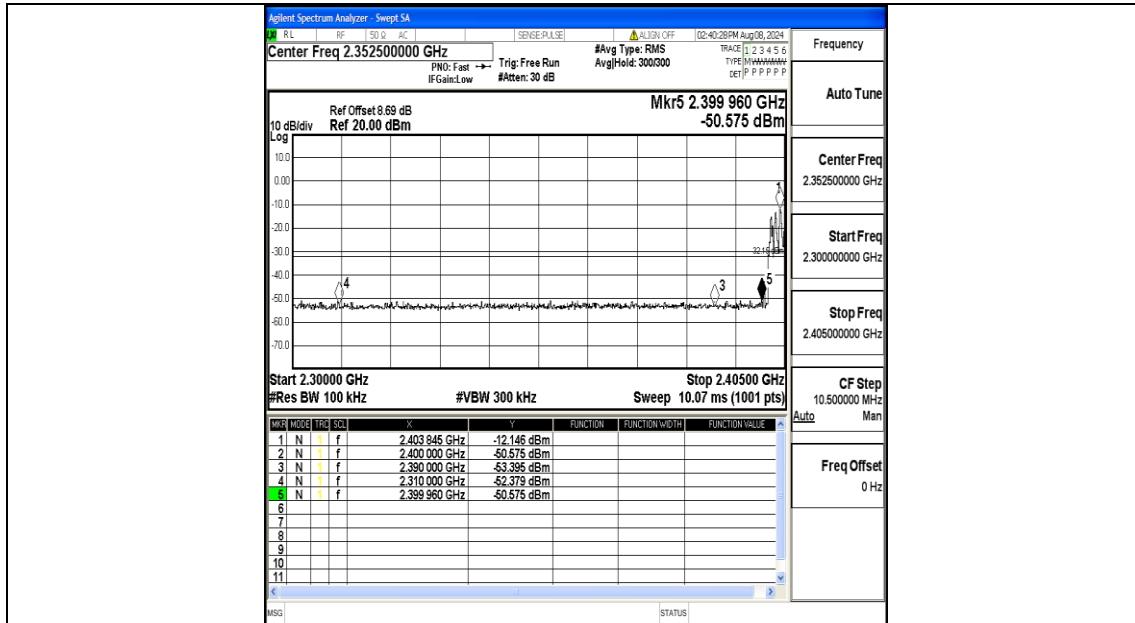
Appendix G: Band edge measurements

Test Result

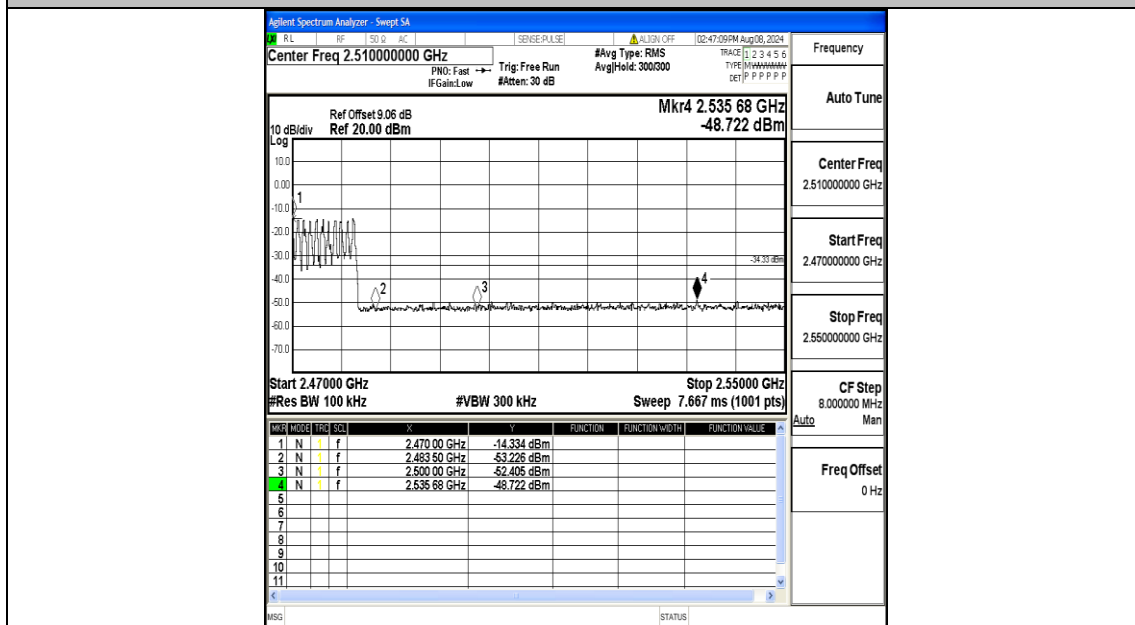
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-11.91	-48.14	≤ -31.91	PASS
DH5	Ant1	High	2480	-14.07	-48.87	≤ -34.07	PASS
DH5	Ant1	Low	Hop_2402	-12.15	-50.58	≤ -32.15	PASS
DH5	Ant1	High	Hop_2480	-14.33	-48.72	≤ -34.33	PASS
2DH5	Ant1	Low	2402	-11.79	-49.38	≤ -31.79	PASS
2DH5	Ant1	High	2480	-14.04	-49.31	≤ -34.04	PASS
2DH5	Ant1	Low	Hop_2402	-11.85	-50.48	≤ -31.85	PASS
2DH5	Ant1	High	Hop_2480	-13.50	-49.26	≤ -33.5	PASS

Test Graphs

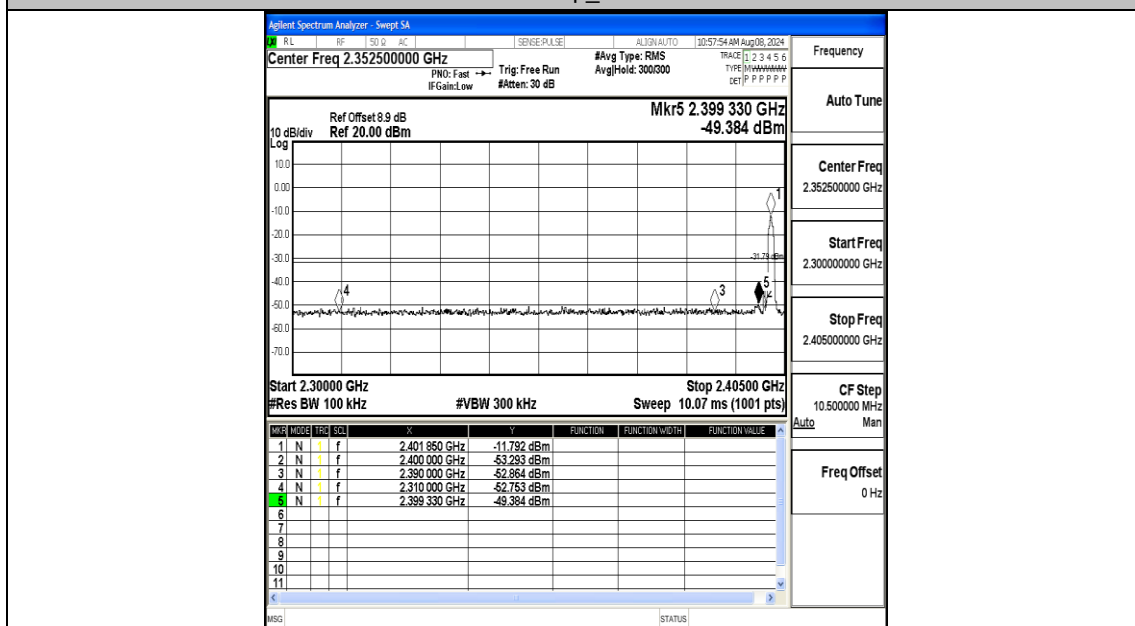




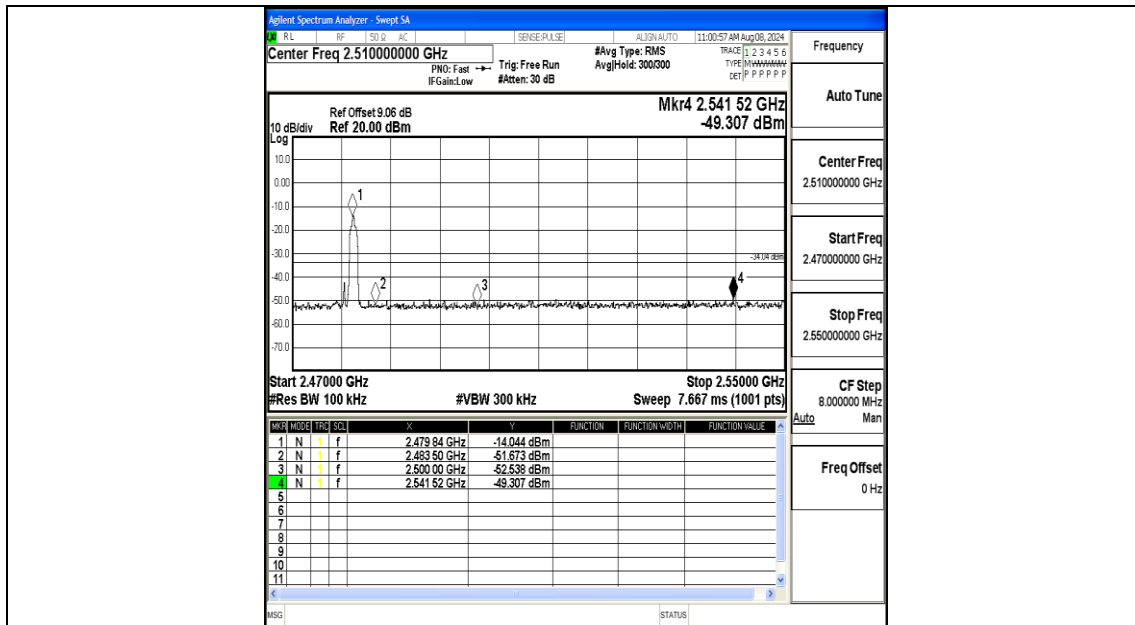
DH5-Ant1-Hop_2402-PASS



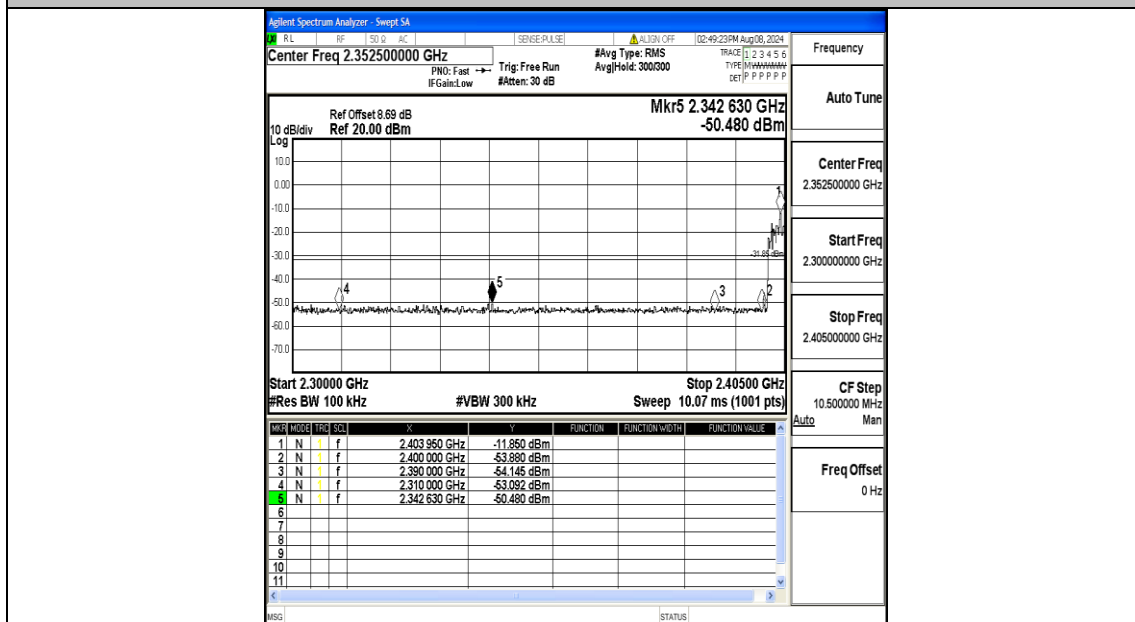
DH5-Ant1-Hop_2480-PASS



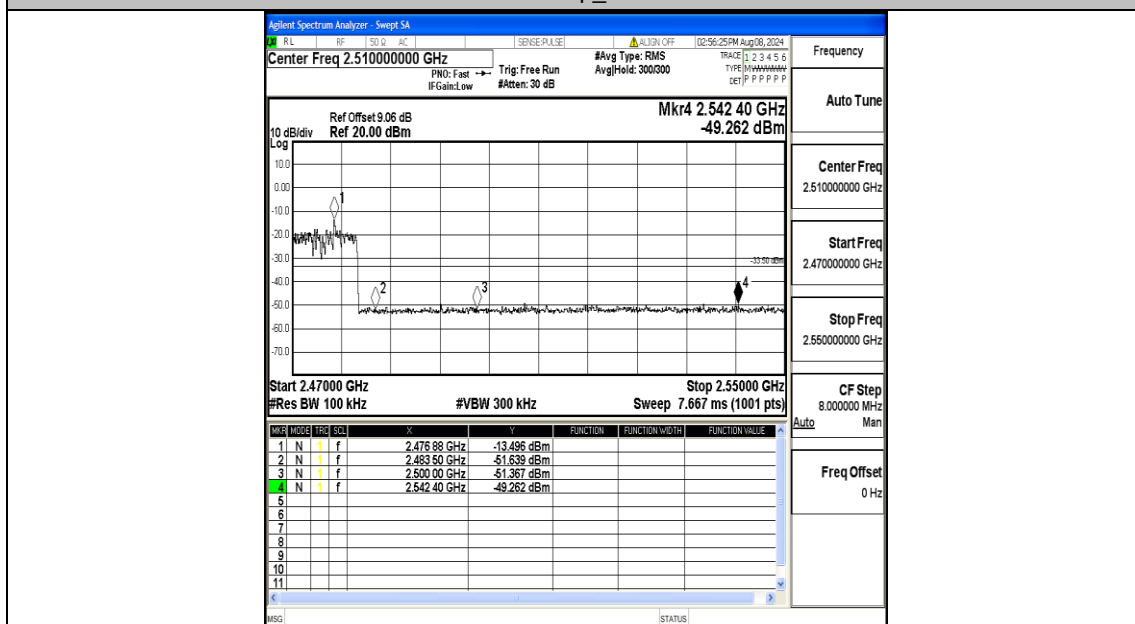
2DH5-Ant1-2402-PASS



2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS



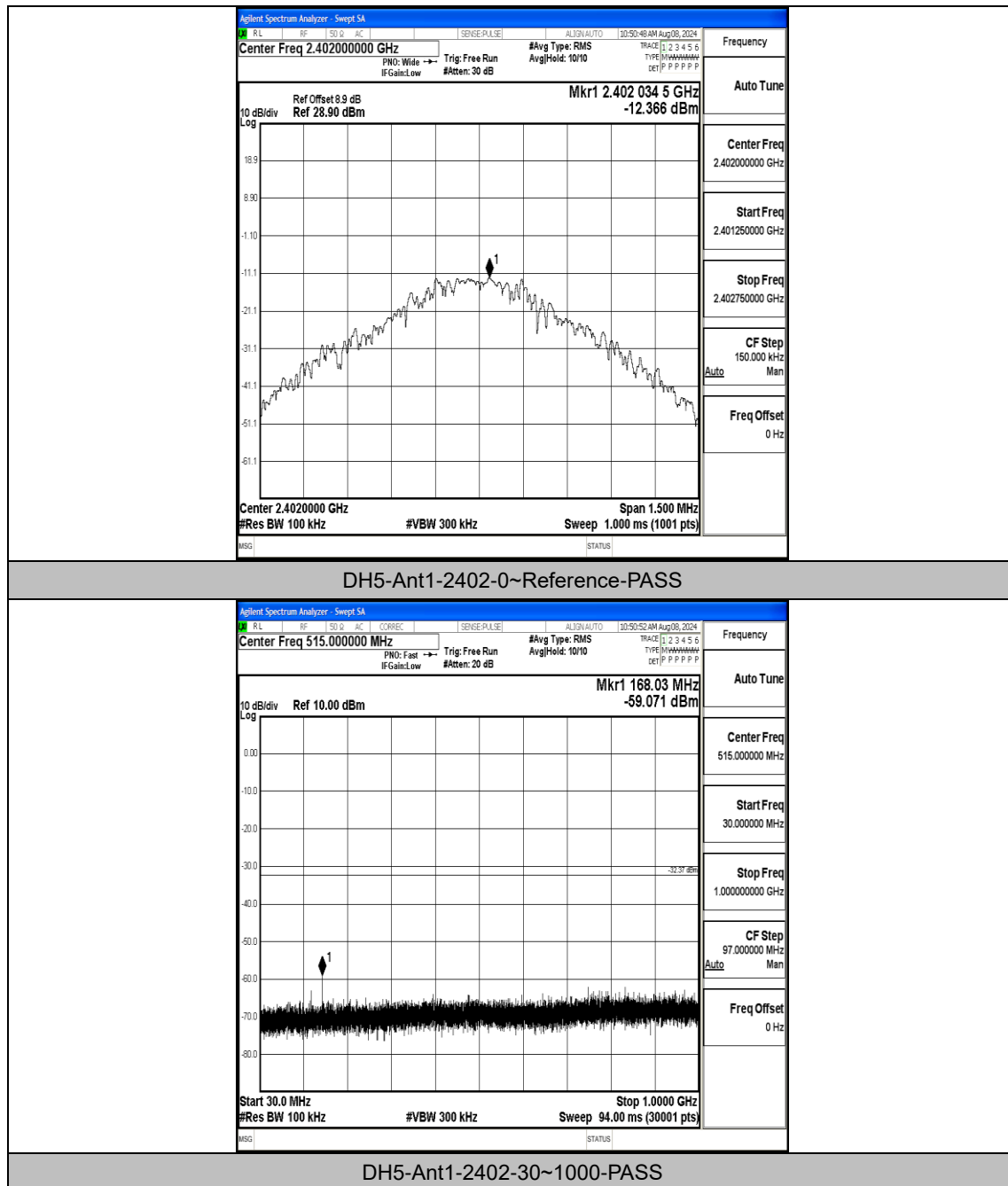
2DH5-Ant1-Hop_2480-PASS

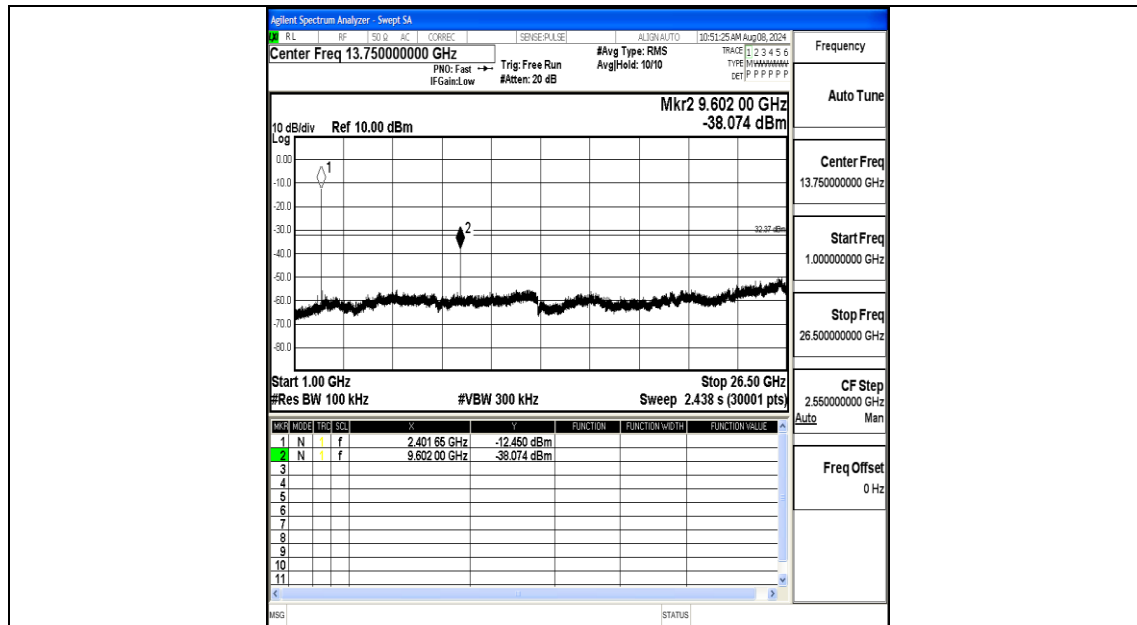
Appendix H: Conducted Spurious Emission

Test Result

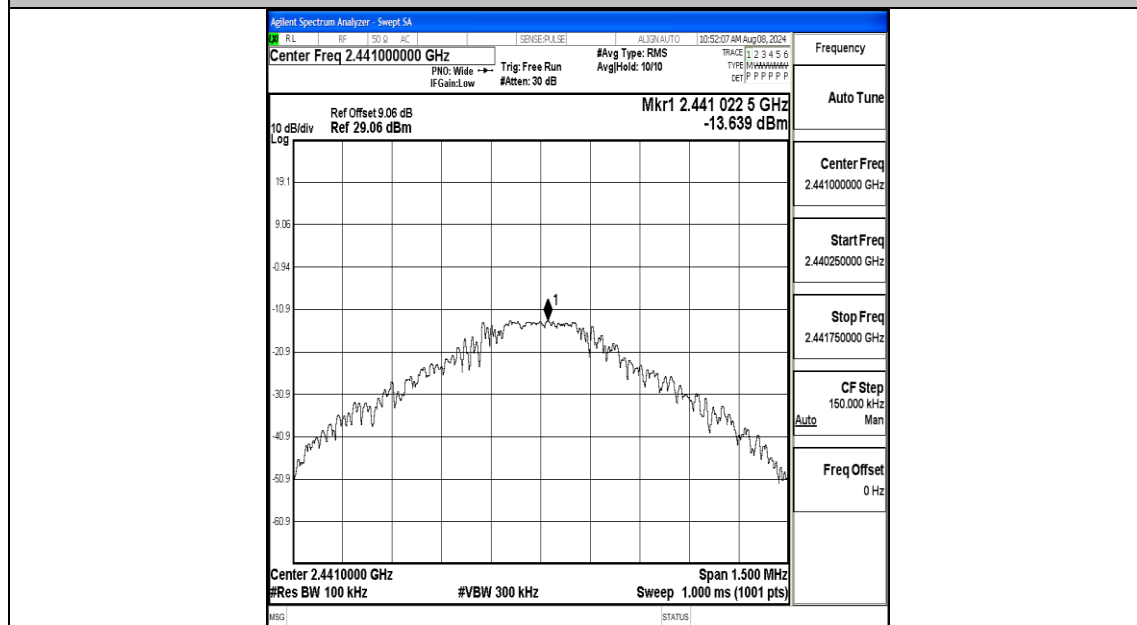
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-12.37	-12.37	---	PASS
DH5	Ant1	2402	30~1000	-12.37	-59.07	≤-32.37	PASS
DH5	Ant1	2402	1000~26500	-12.37	-38.07	≤-32.37	PASS
DH5	Ant1	2441	0~Reference	-13.64	-13.64	---	PASS
DH5	Ant1	2441	30~1000	-13.64	-60.18	≤-33.64	PASS
DH5	Ant1	2441	1000~26500	-13.64	-37.92	≤-33.64	PASS
DH5	Ant1	2480	0~Reference	-14.67	-14.67	---	PASS
DH5	Ant1	2480	30~1000	-14.67	-59.4	≤-34.67	PASS
DH5	Ant1	2480	1000~26500	-14.67	-37.47	≤-34.67	PASS
2DH5	Ant1	2402	0~Reference	-12.52	-12.52	---	PASS
2DH5	Ant1	2402	30~1000	-12.52	-59.95	≤-32.52	PASS
2DH5	Ant1	2402	1000~26500	-12.52	-38.21	≤-32.52	PASS
2DH5	Ant1	2441	0~Reference	-14.61	-14.61	---	PASS
2DH5	Ant1	2441	30~1000	-14.61	-58.72	≤-34.61	PASS
2DH5	Ant1	2441	1000~26500	-14.61	-37.88	≤-34.61	PASS
2DH5	Ant1	2480	0~Reference	-14.37	-14.37	---	PASS
2DH5	Ant1	2480	30~1000	-14.37	-59.54	≤-34.37	PASS
2DH5	Ant1	2480	1000~26500	-14.37	-37.36	≤-34.37	PASS

Test Graphs

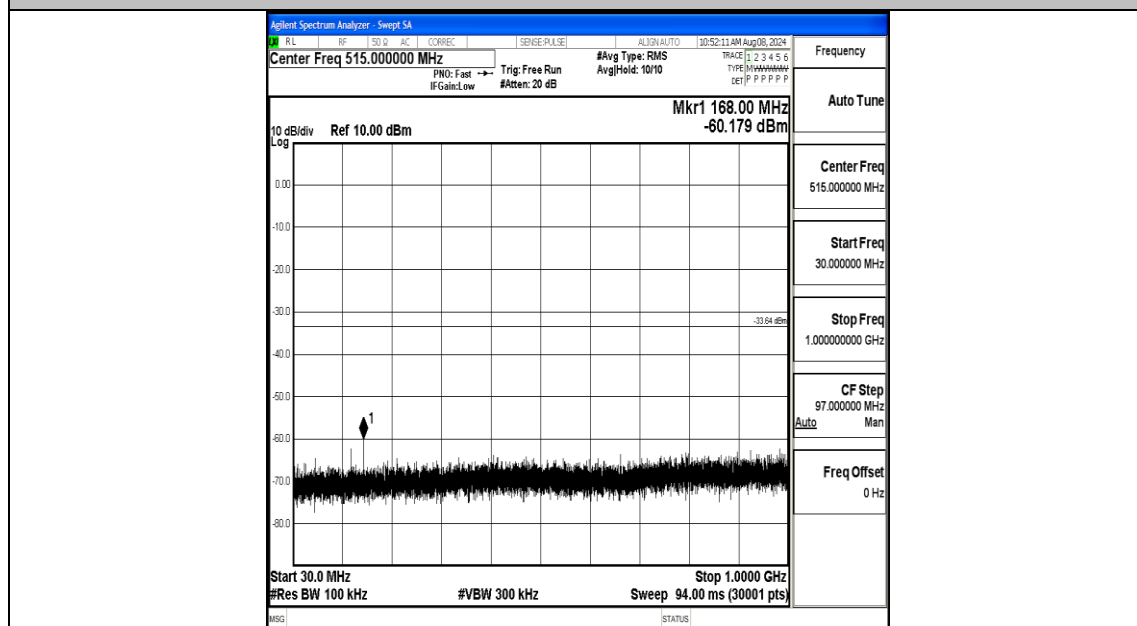




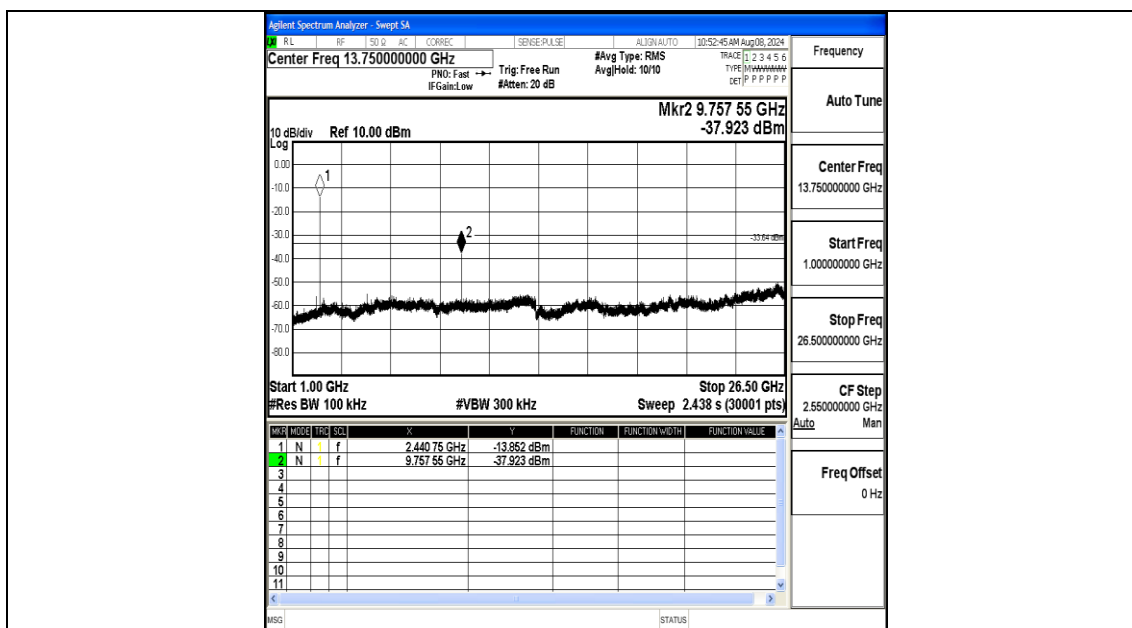
DH5-Ant1-2402-1000~26500-PASS



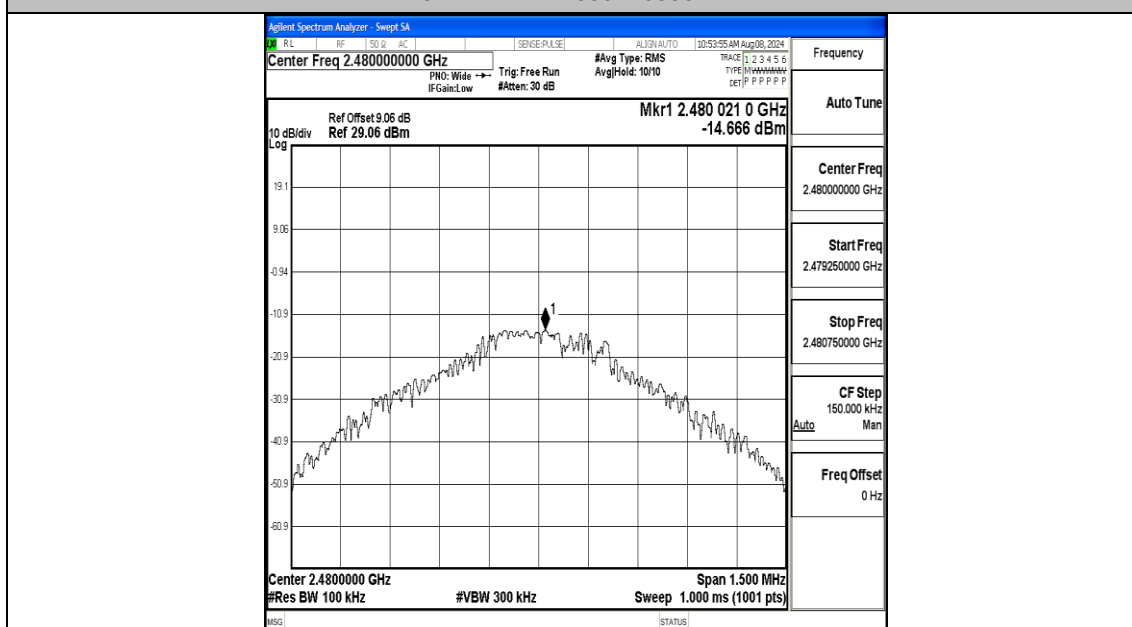
DH5-Ant1-2441-0~Reference-PASS



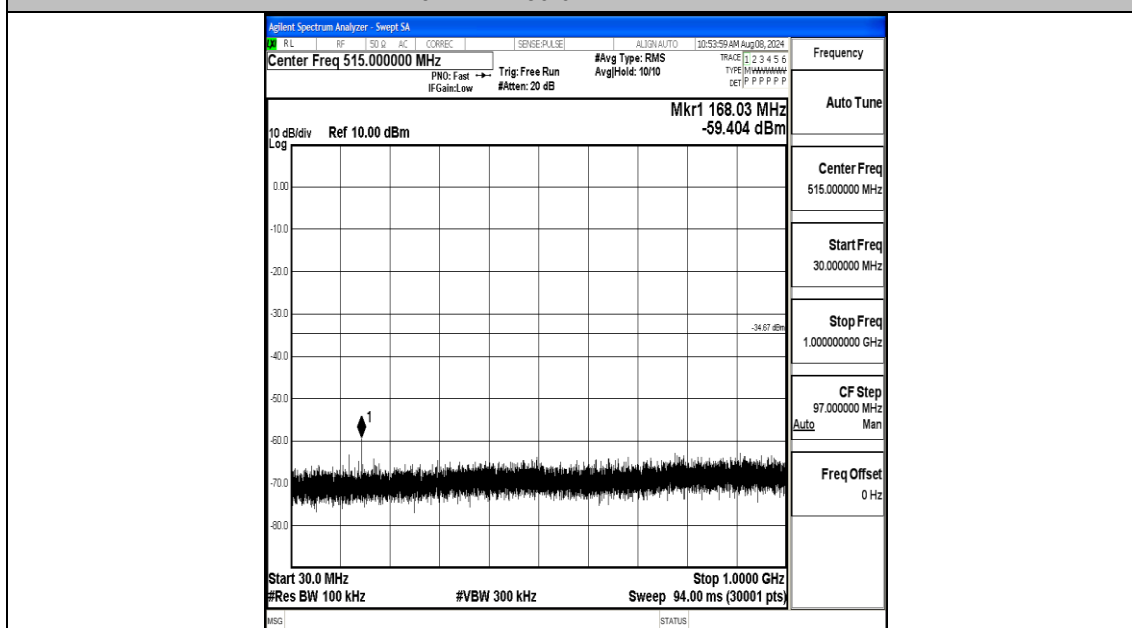
DH5-Ant1-2441-30~1000-PASS



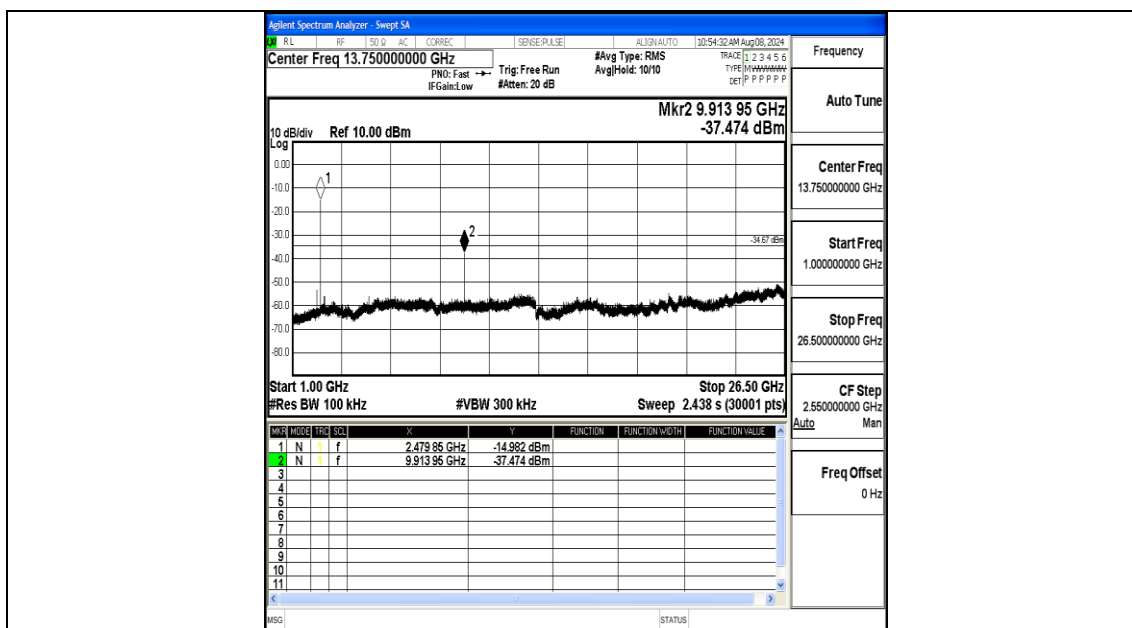
DH5-Ant1-2441-1000~26500-PASS



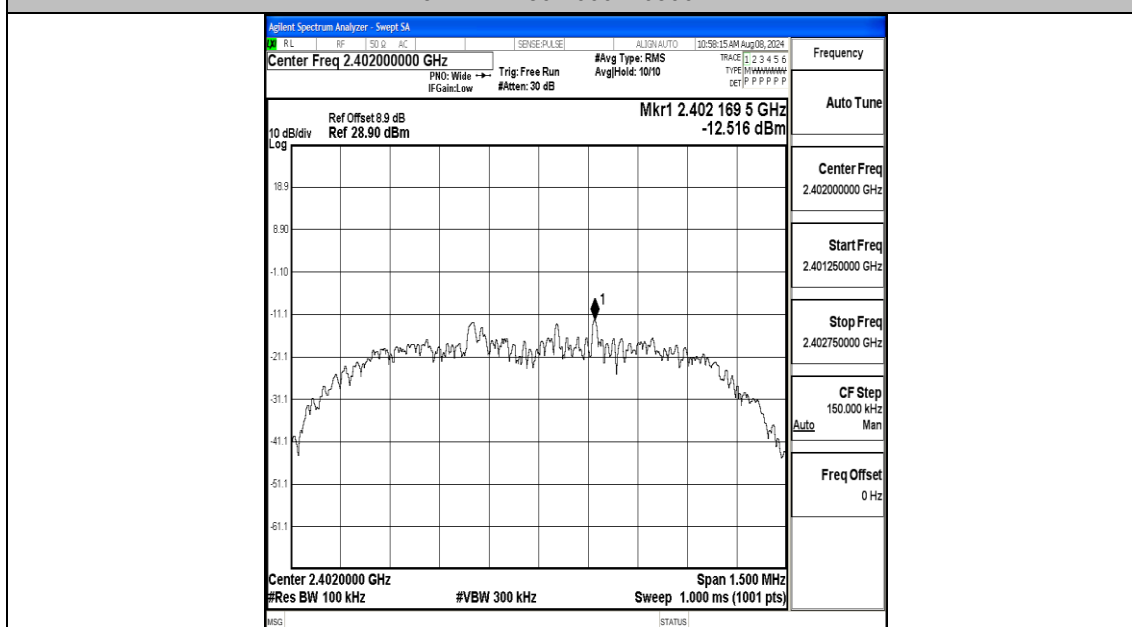
DH5-Ant1-2480-0~Reference-PASS



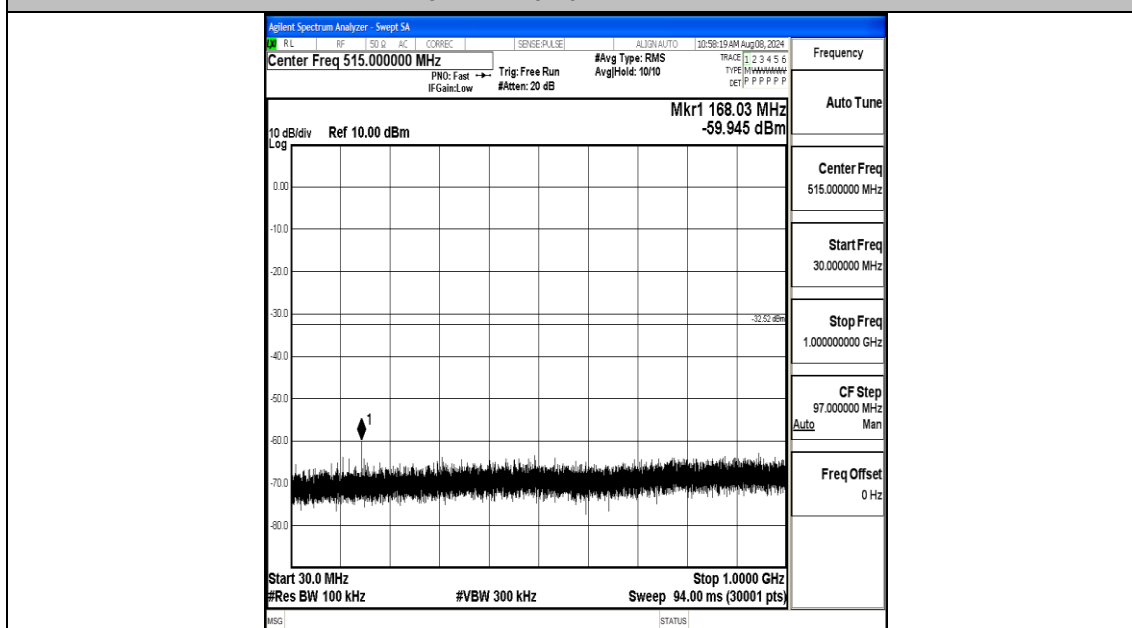
DH5-Ant1-2480-30~1000-PASS



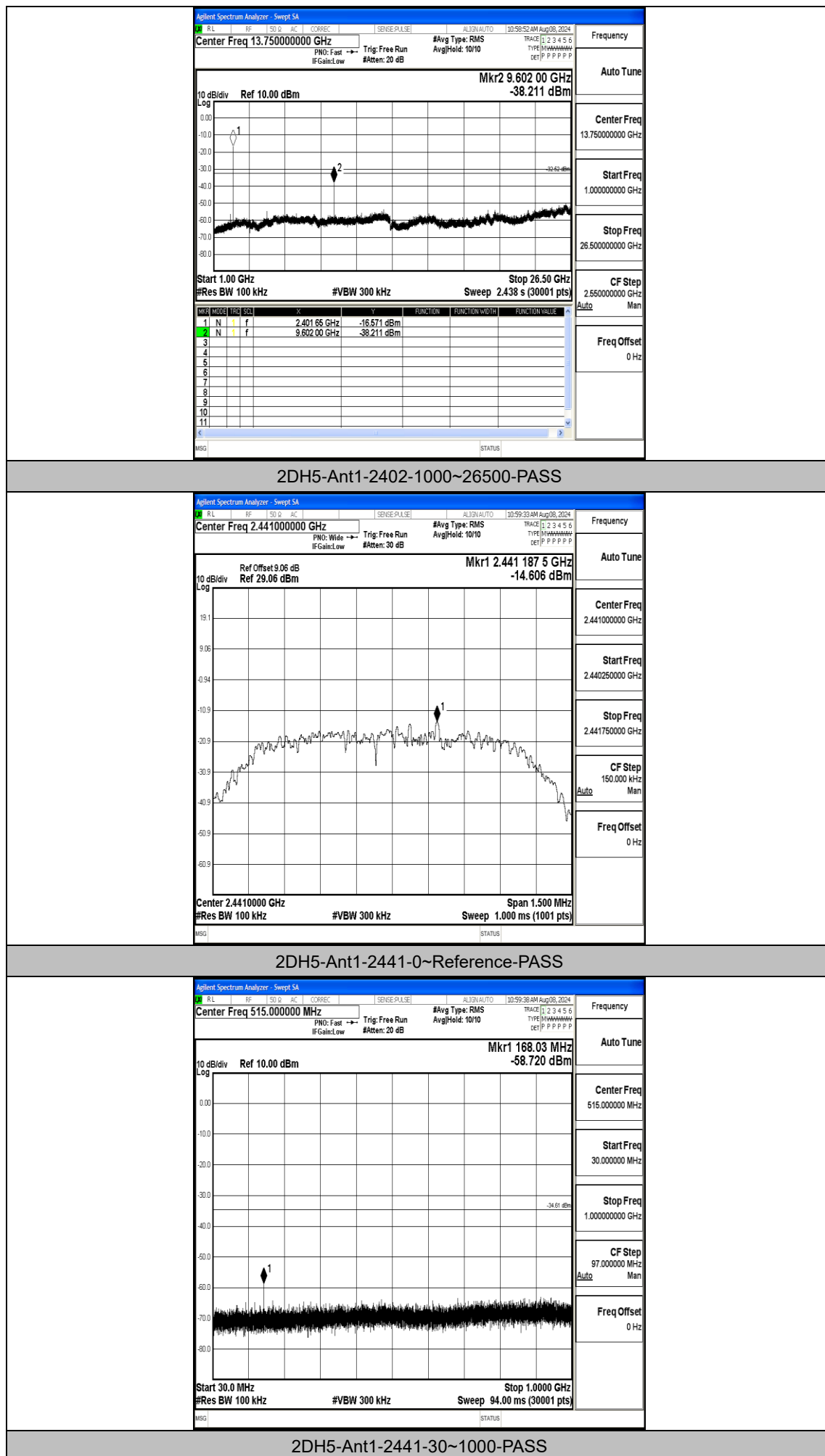
DH5-Ant1-2480-1000~26500-PASS

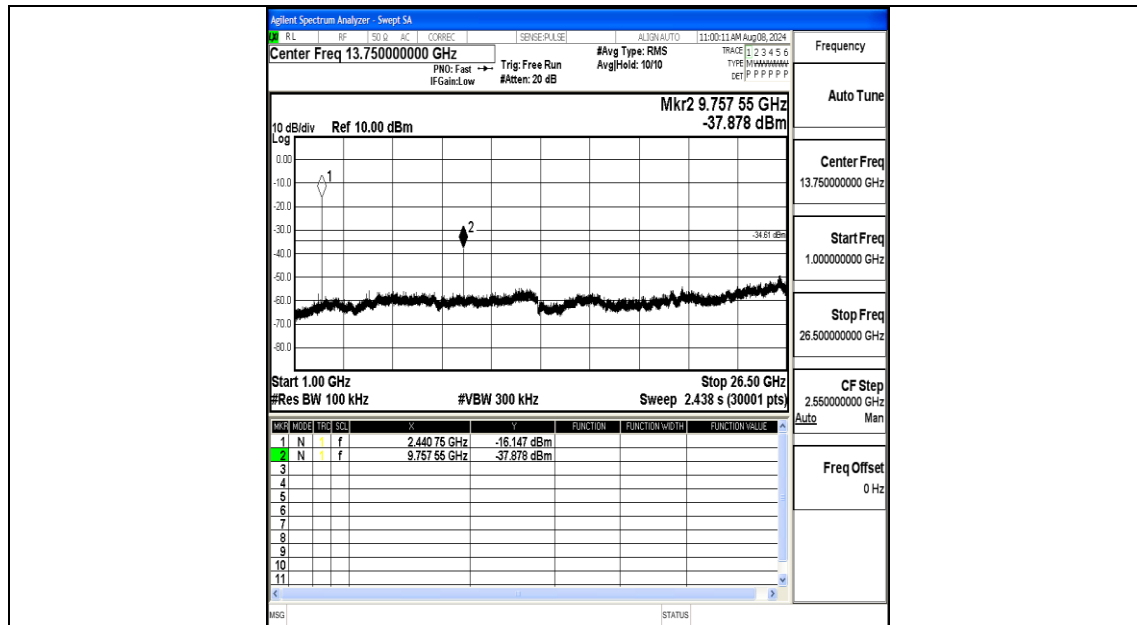


2DH5-Ant1-2402-0~Reference-PASS

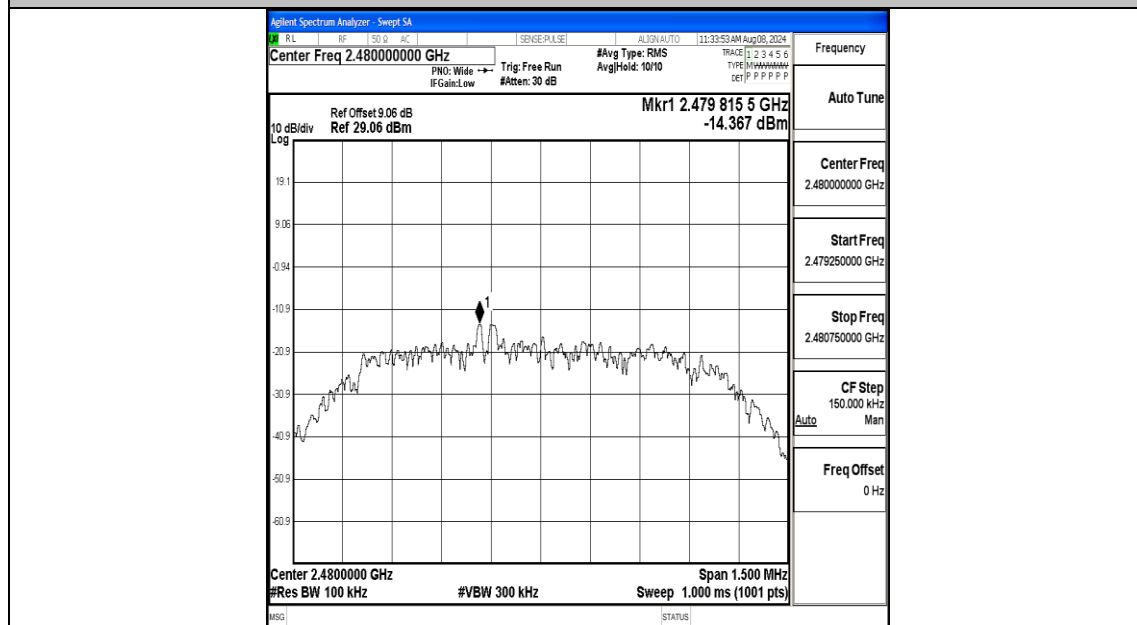


2DH5-Ant1-2402-30~1000-PASS

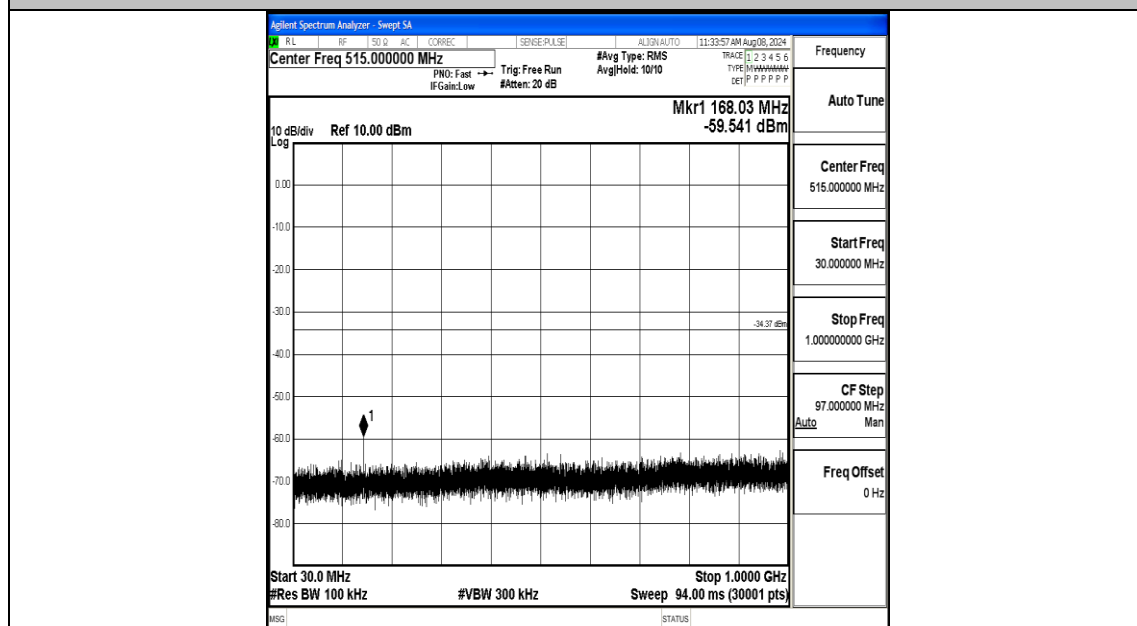




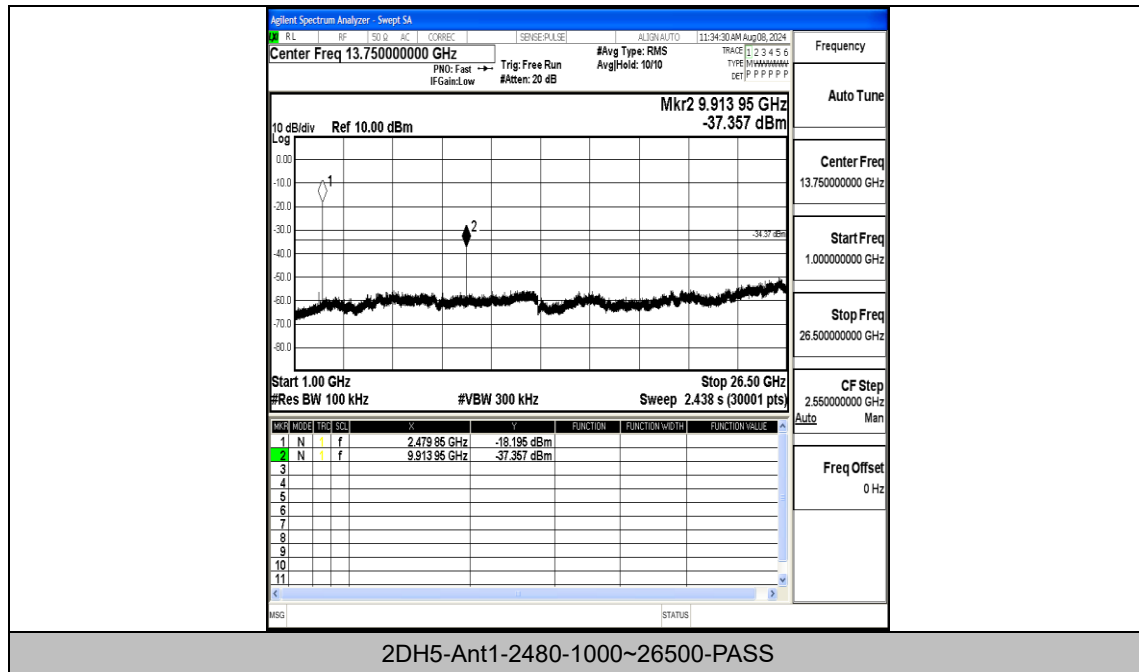
2DH5-Ant1-2441-1000~26500-PASS



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



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

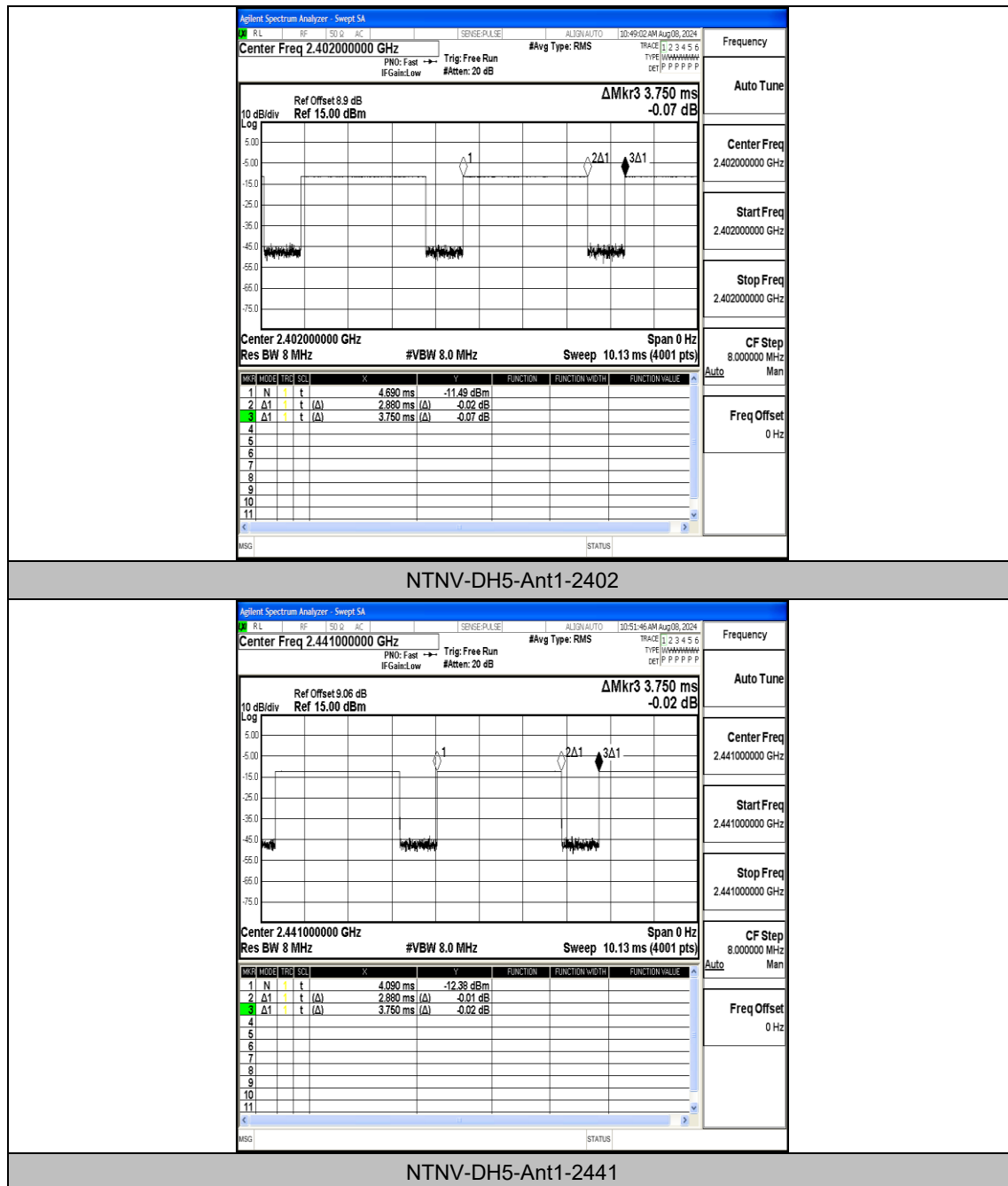


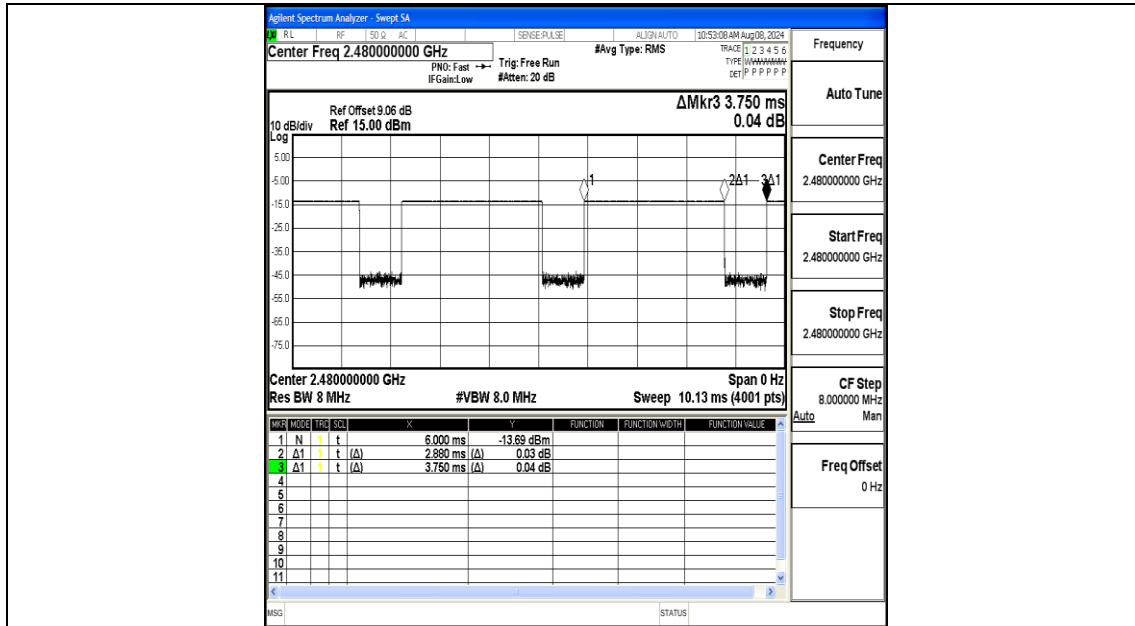
Appendix I: Duty Cycle

Test Result

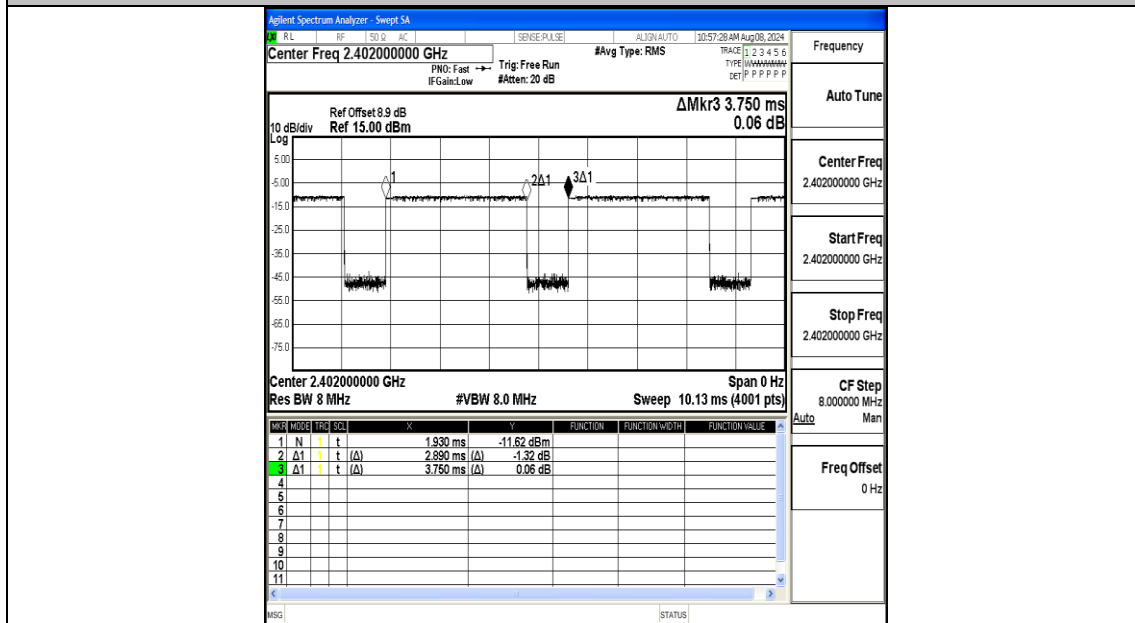
TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.75	77.07	1.13

Test Graphs

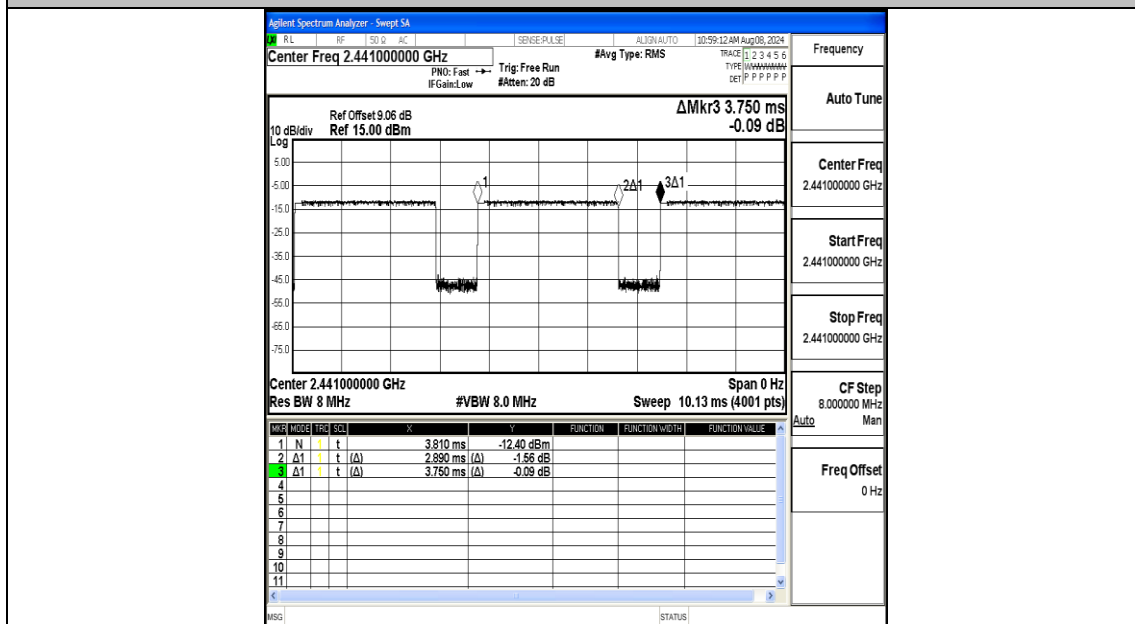




NTNV-DH5-Ant1-2480



NTNV-2DH5-Ant1-2402



NTNV-2DH5-Ant1-2441

