

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

Product Name: True Wireless Stereo Headset

Trade Mark: aigo

Test Model: SJ235

FCC ID: 2ASNB-SJ235

Environmental Conditions

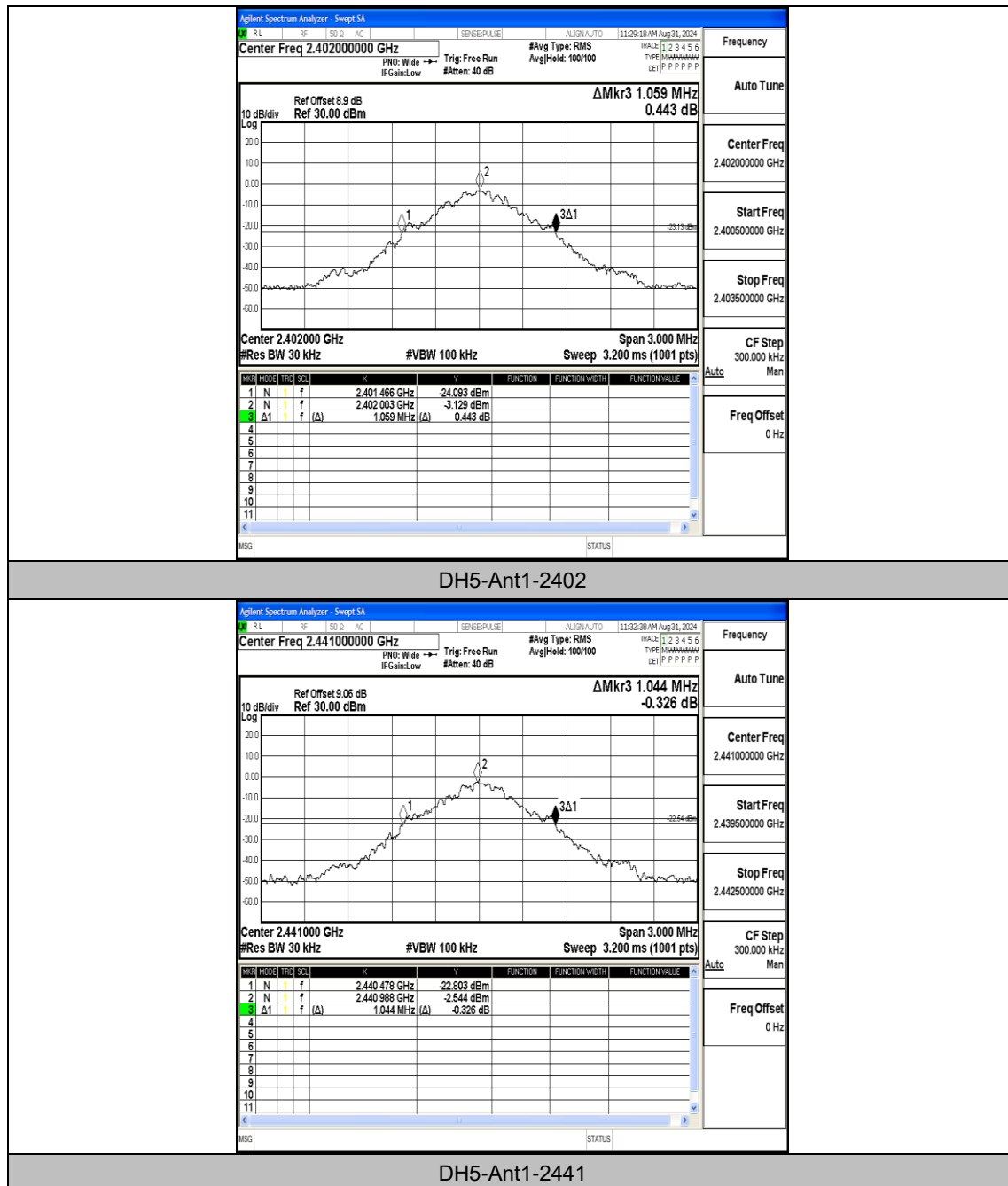
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

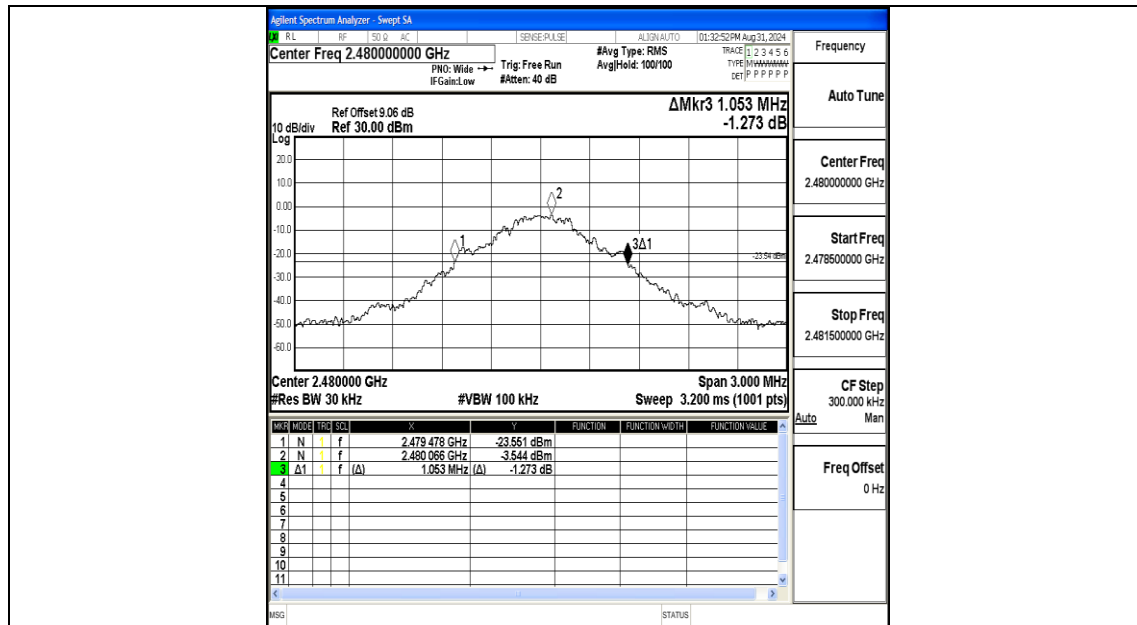
Appendix A: 20dB Emission Bandwidth

Test Result

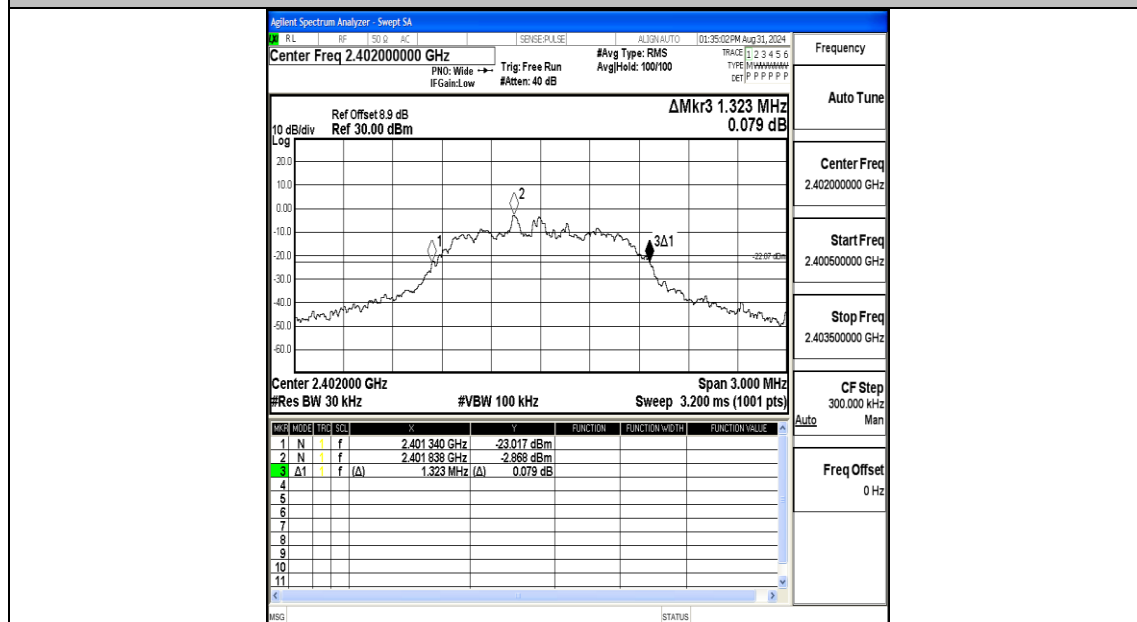
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.059	2401.466	2402.525	---	---
DH5	Ant1	2441	1.044	2440.478	2441.522	---	---
DH5	Ant1	2480	1.053	2479.478	2480.531	---	---
2DH5	Ant1	2402	1.323	2401.340	2402.663	---	---
2DH5	Ant1	2441	1.341	2440.331	2441.672	---	---
2DH5	Ant1	2480	1.323	2479.343	2480.666	---	---

Test Graphs

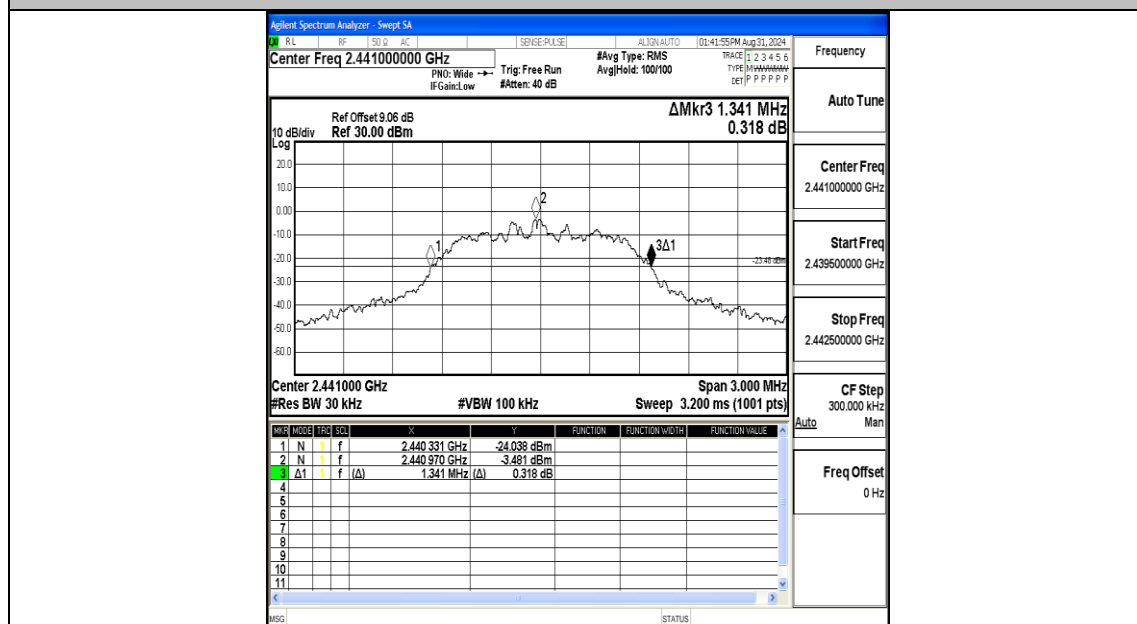




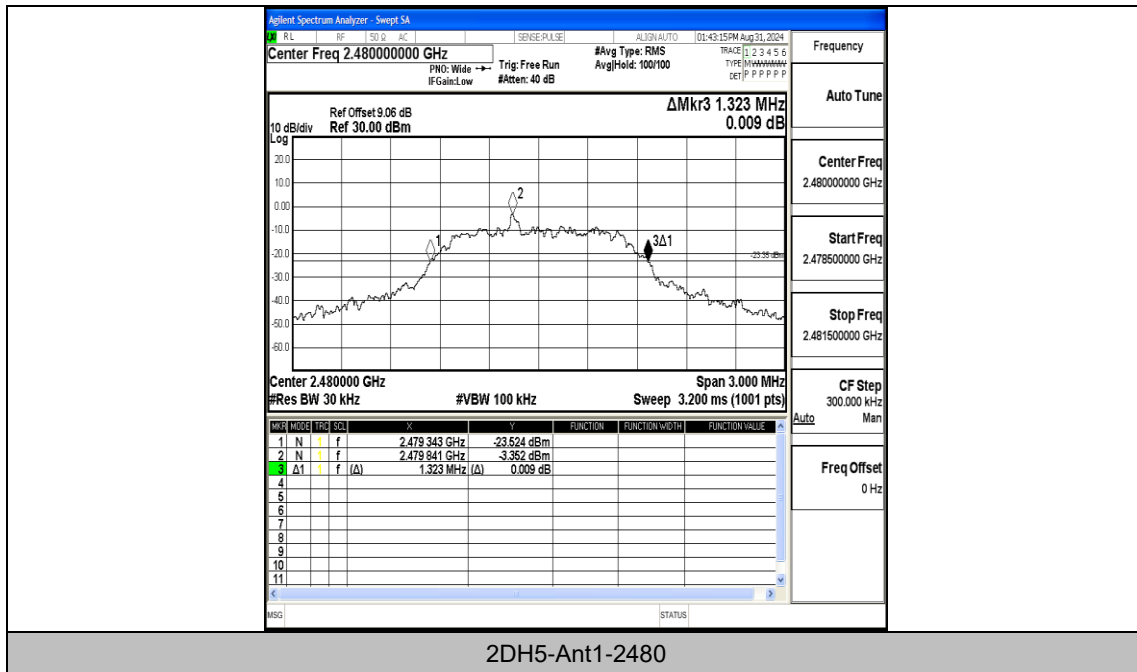
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441

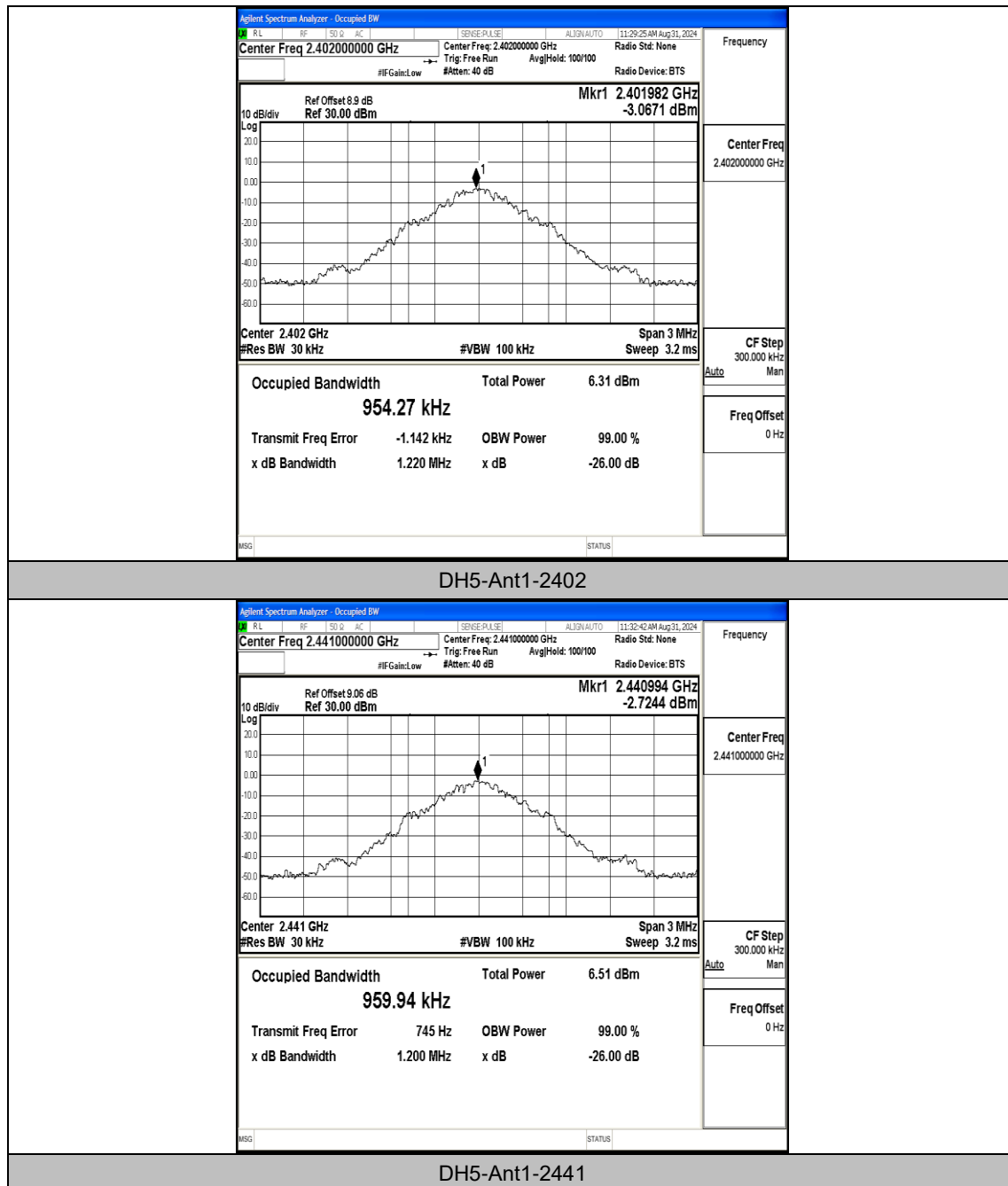


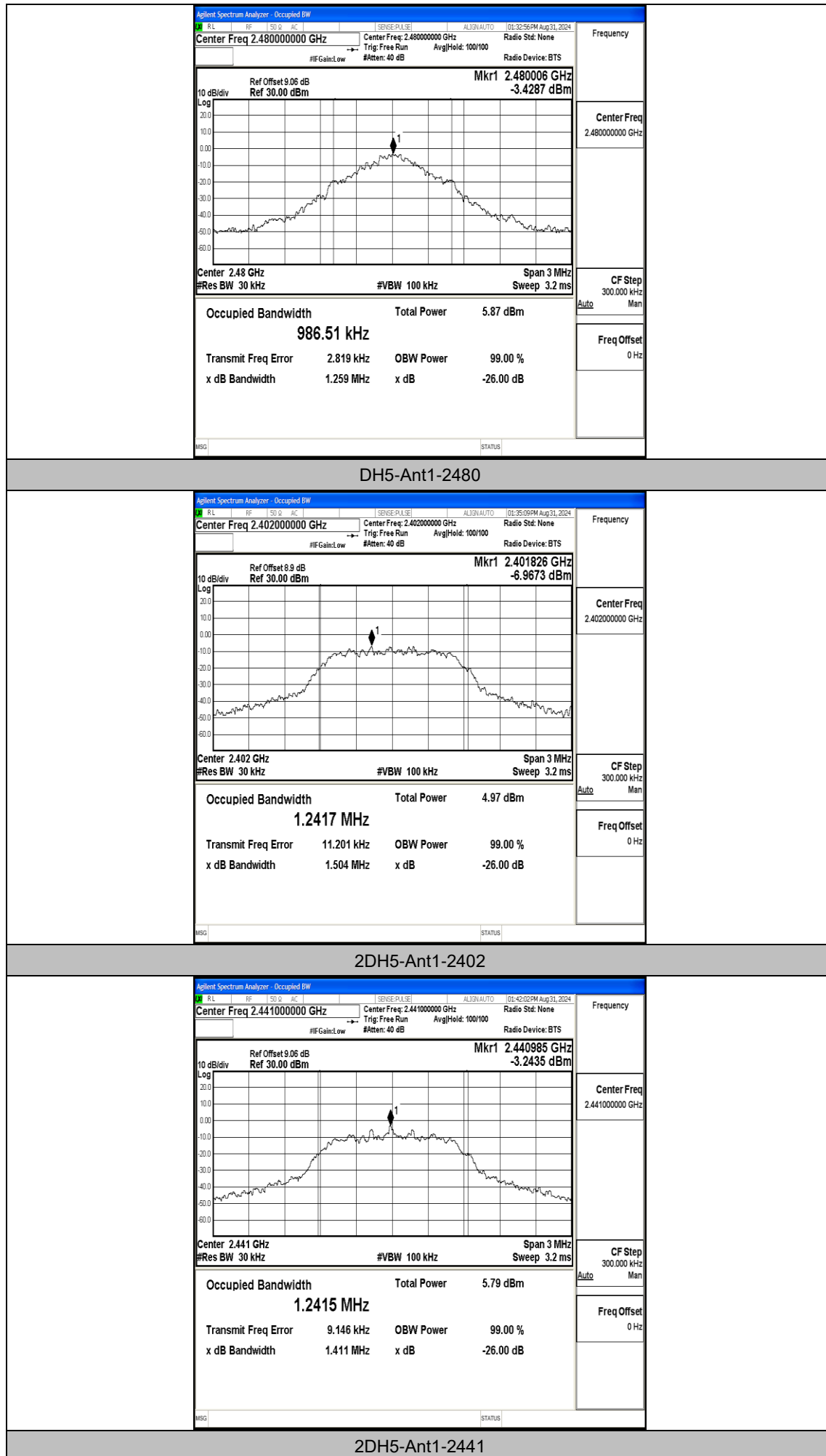
Appendix B: Occupied Channel Bandwidth

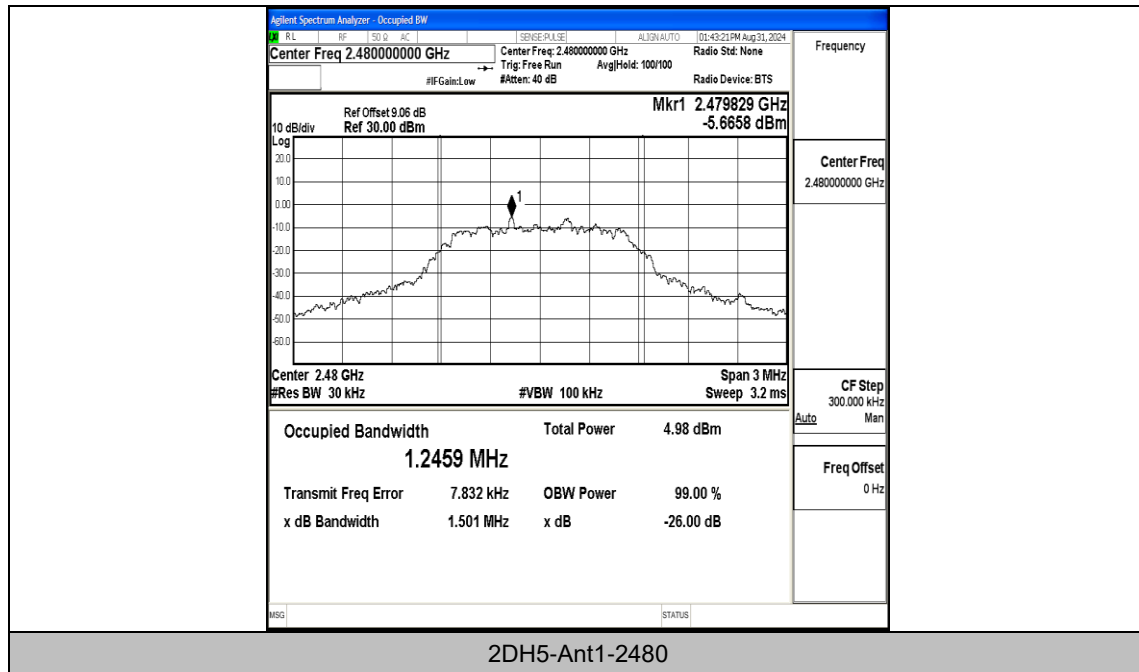
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95427	2401.5217	2402.4760	---	---
DH5	Ant1	2441	0.95994	2440.5208	2441.4807	---	---
DH5	Ant1	2480	0.98651	2479.5096	2480.4961	---	---
2DH5	Ant1	2402	1.2417	2401.3904	2402.6321	---	---
2DH5	Ant1	2441	1.2415	2440.3884	2441.6299	---	---
2DH5	Ant1	2480	1.2459	2479.3849	2480.6308	---	---

Test Graphs





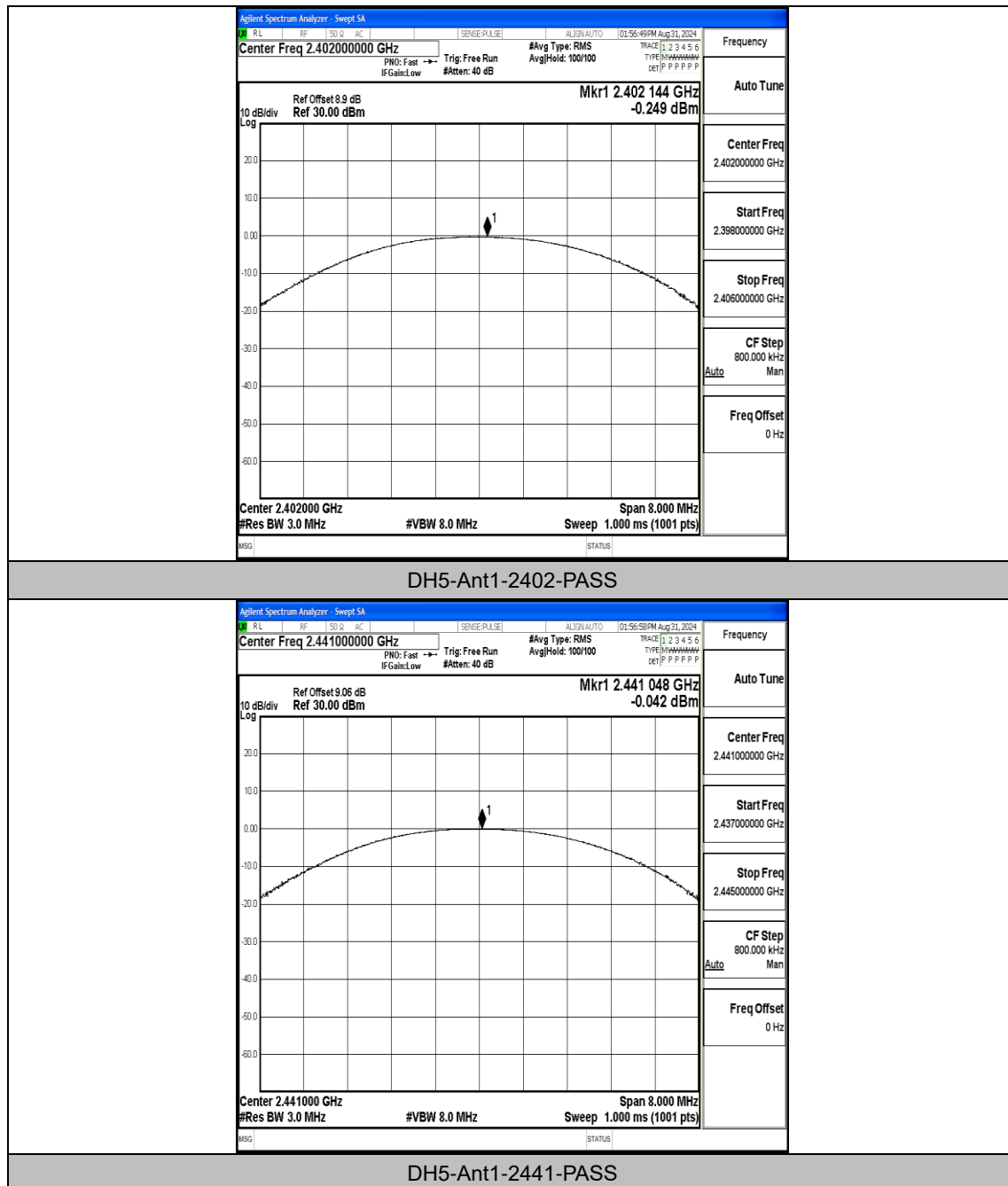


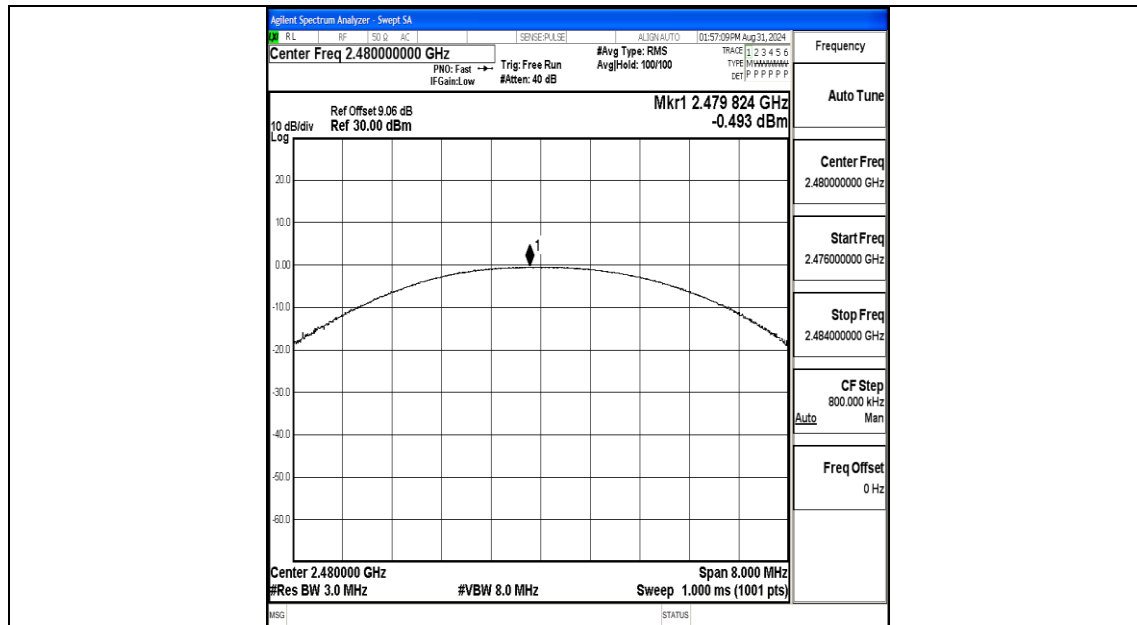
Appendix C: Maximum peak conducted output power

Test Result

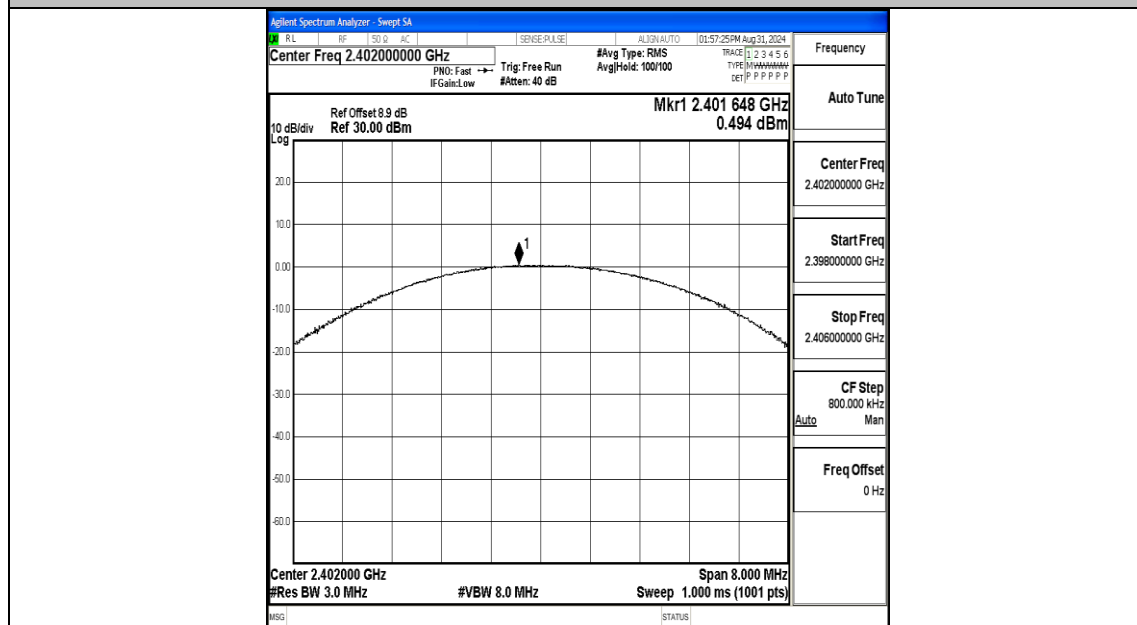
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.25	≤30	PASS
DH5	Ant1	2441	-0.04	≤30	PASS
DH5	Ant1	2480	-0.49	≤30	PASS
2DH5	Ant1	2402	0.49	≤20.97	PASS
2DH5	Ant1	2441	0.80	≤20.97	PASS
2DH5	Ant1	2480	0.24	≤20.97	PASS

Test Graphs

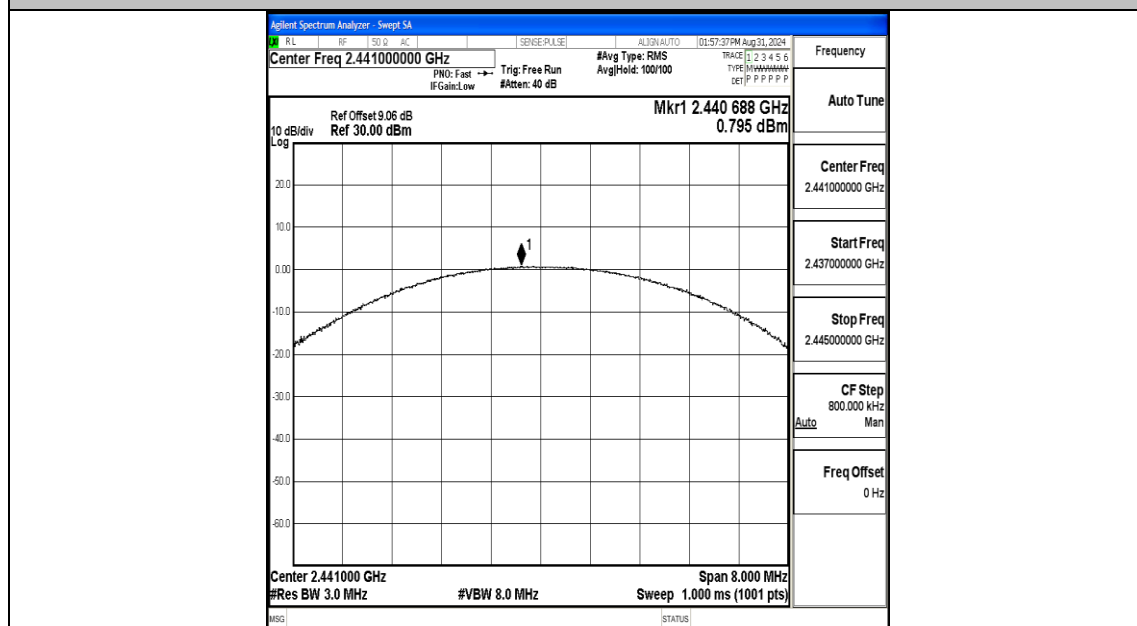




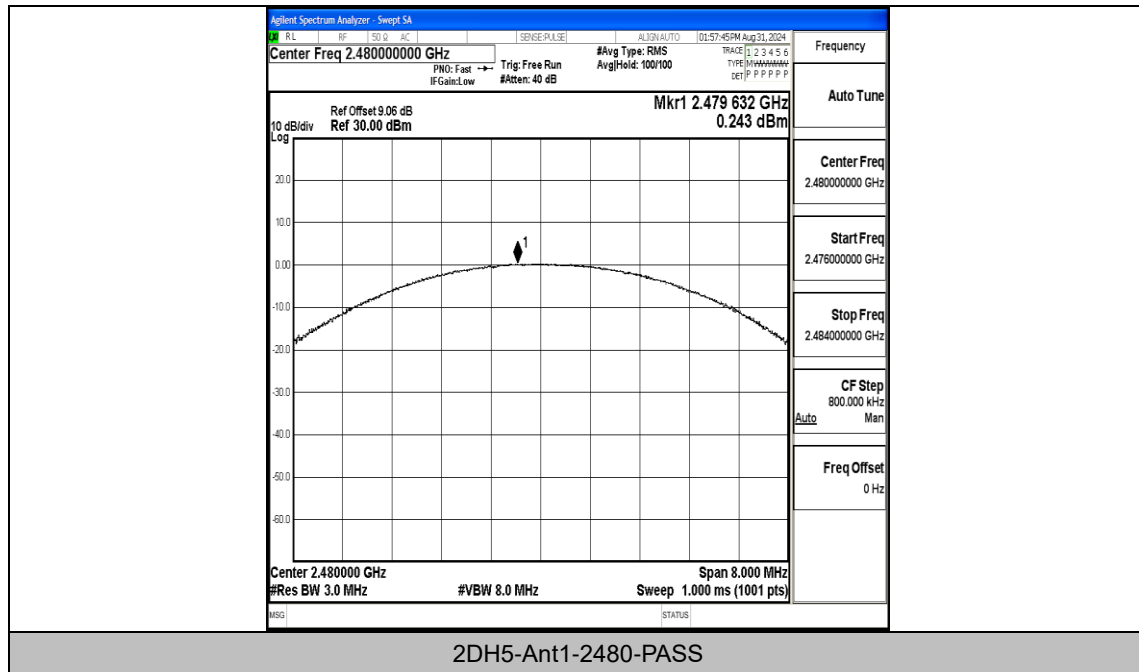
DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS

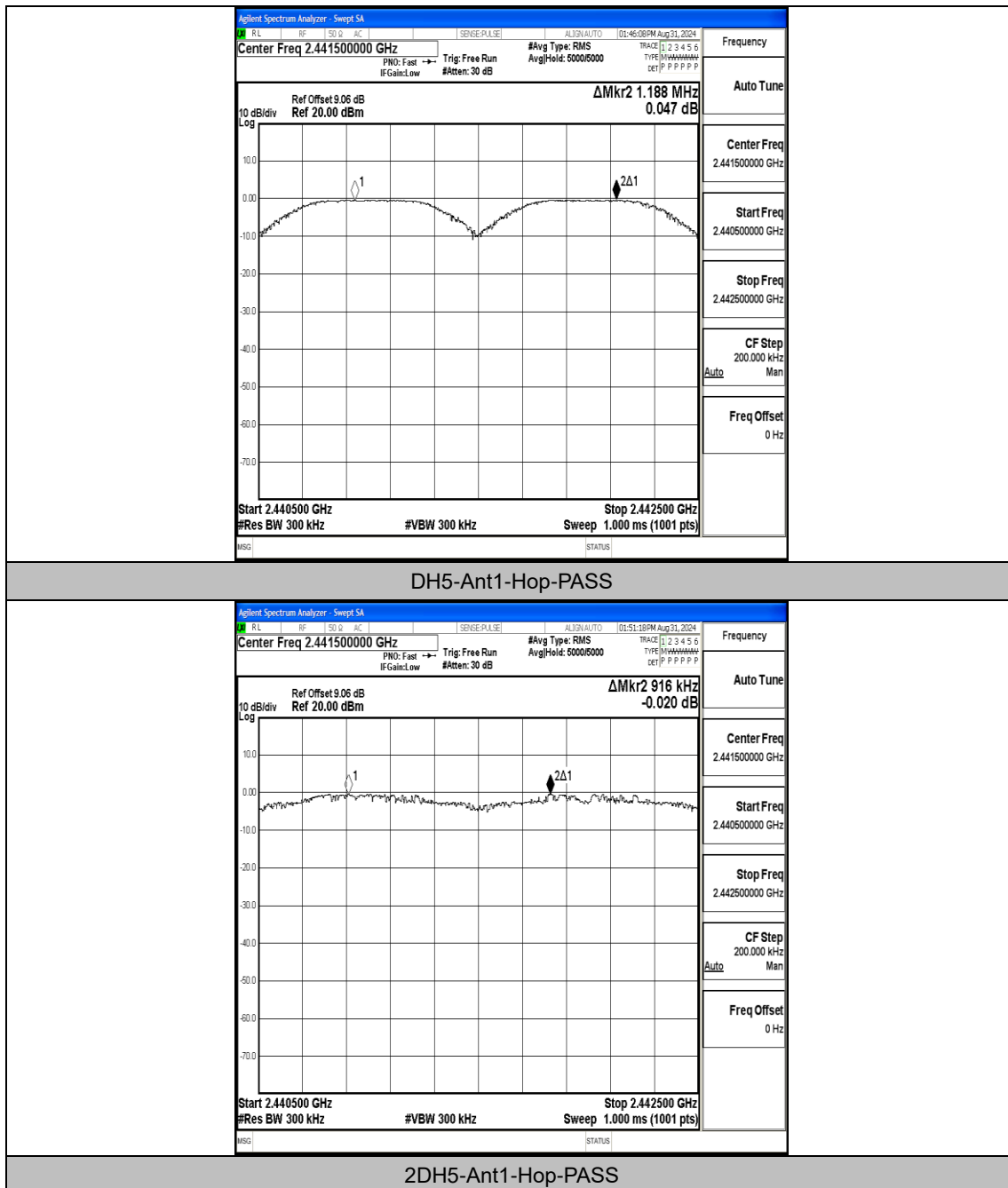


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.188	≥ 1.059	PASS
2DH5	Ant1	Hop	0.916	≥ 0.894	PASS

Test Graphs

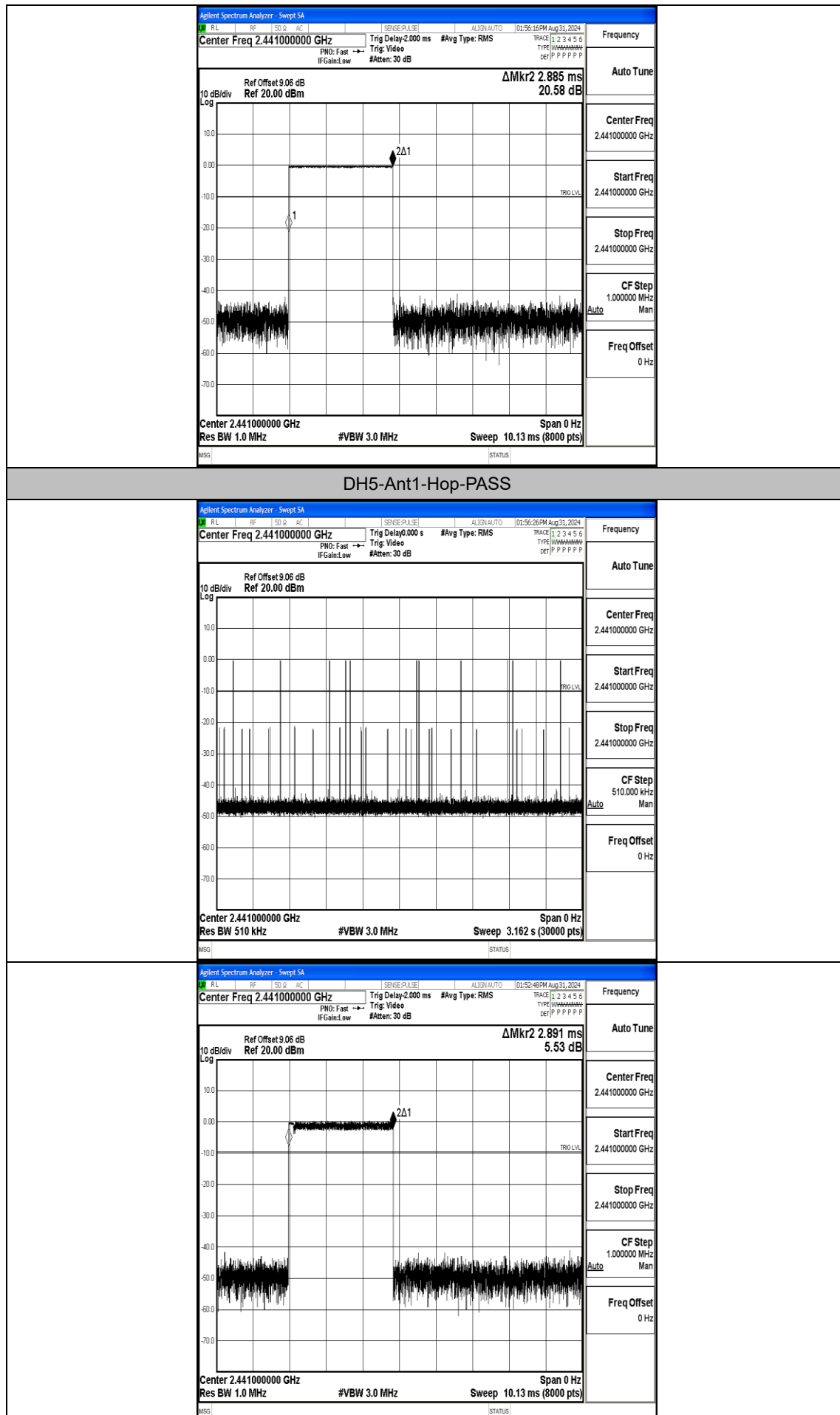


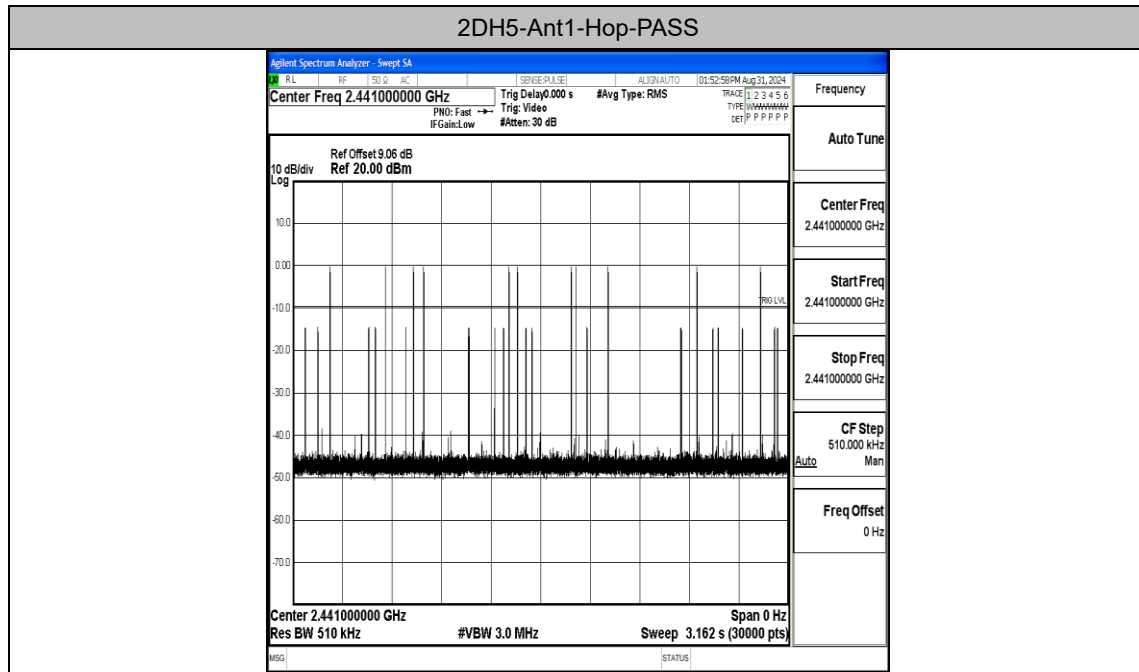
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.885	130	0.375	≤0.4	PASS
2DH5	Ant1	Hop	2.891	120	0.347	≤0.4	PASS

Test Graphs



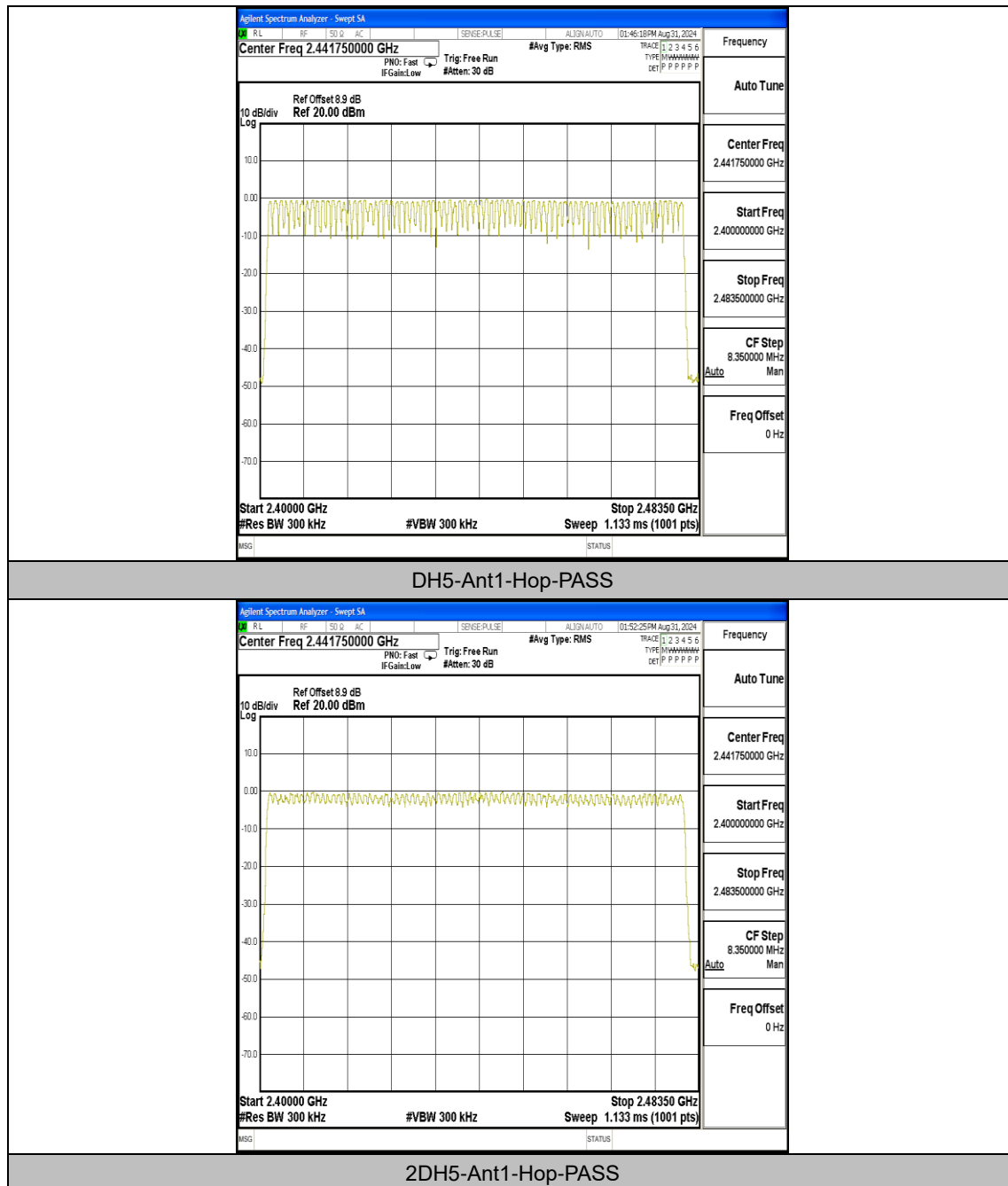


Appendix F: Number of hopping channels

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

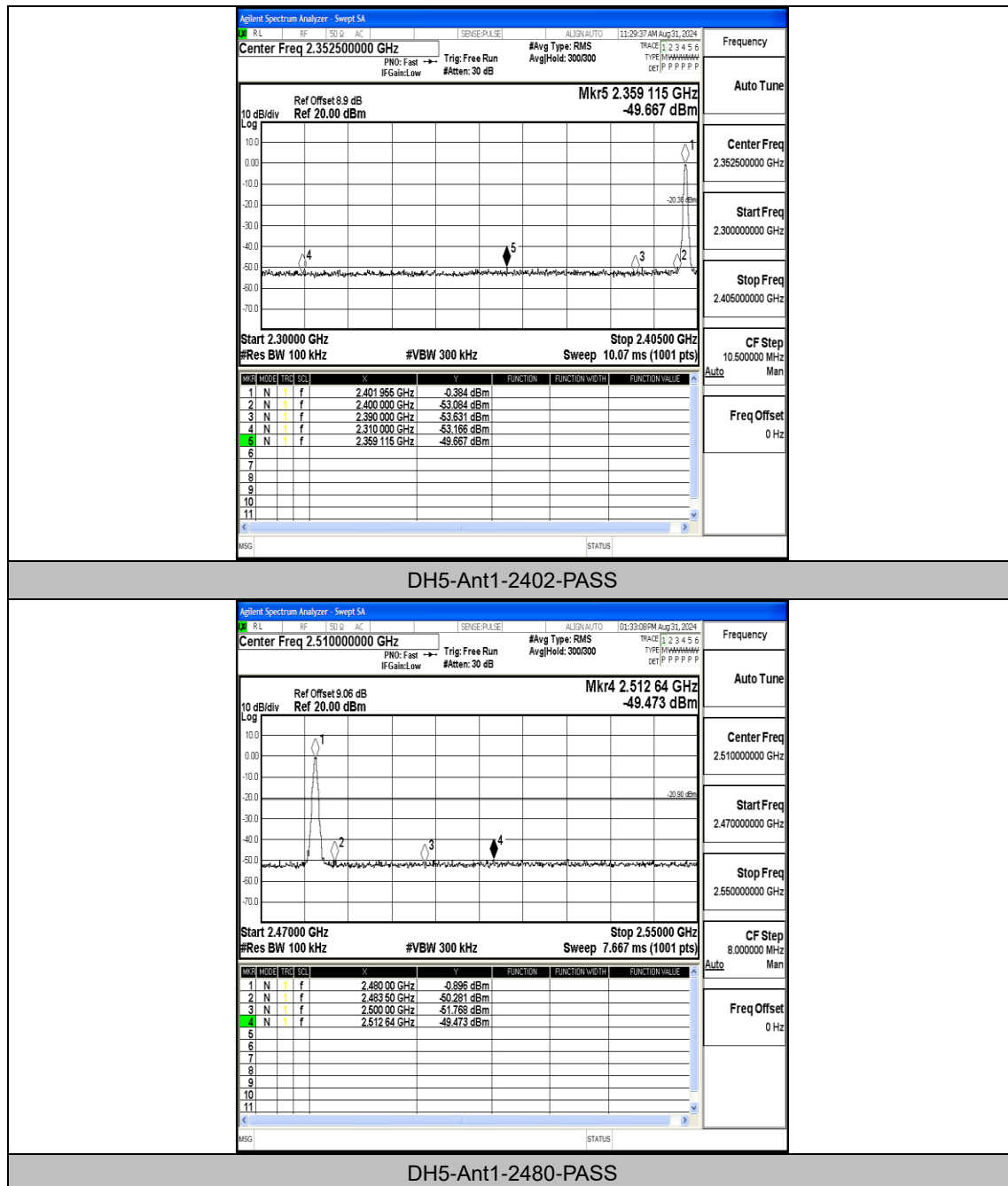


Appendix G: Band edge measurements

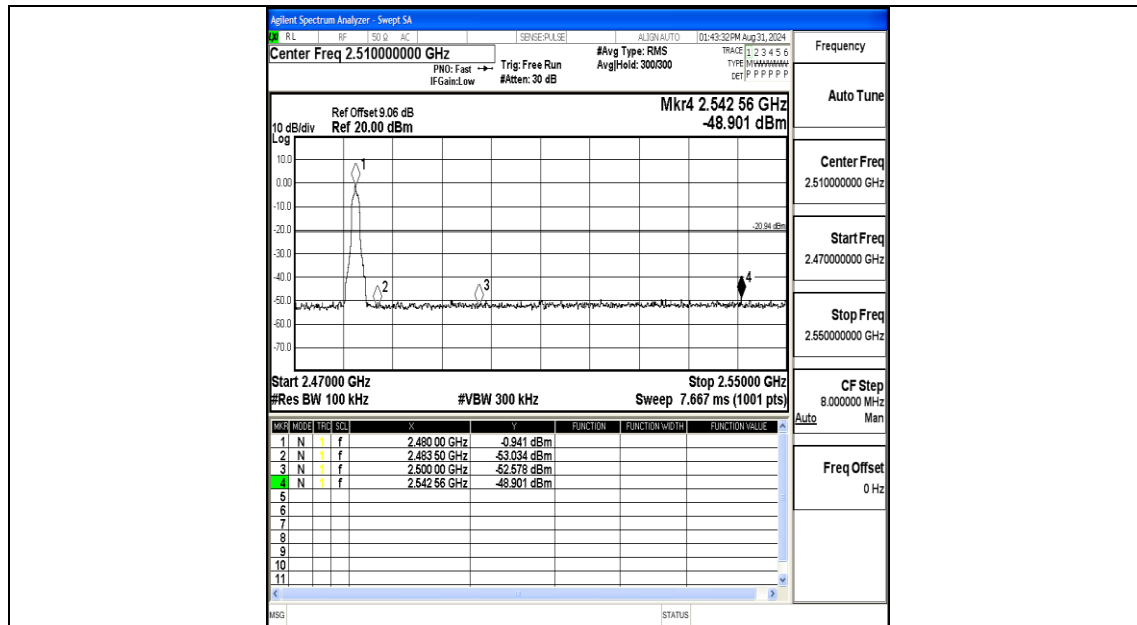
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.38	-49.67	≤ -20.38	PASS
DH5	Ant1	High	2480	-0.90	-49.47	≤ -20.9	PASS
DH5	Ant1	Low	Hop_2402	-1.11	-50.26	≤ -21.11	PASS
DH5	Ant1	High	Hop_2480	-0.99	-49.16	≤ -20.99	PASS
2DH5	Ant1	Low	2402	-0.45	-49.29	≤ -20.45	PASS
2DH5	Ant1	High	2480	-0.94	-48.9	≤ -20.94	PASS
2DH5	Ant1	Low	Hop_2402	-4.42	-50.81	≤ -24.42	PASS
2DH5	Ant1	High	Hop_2480	-4.56	-49.4	≤ -24.56	PASS

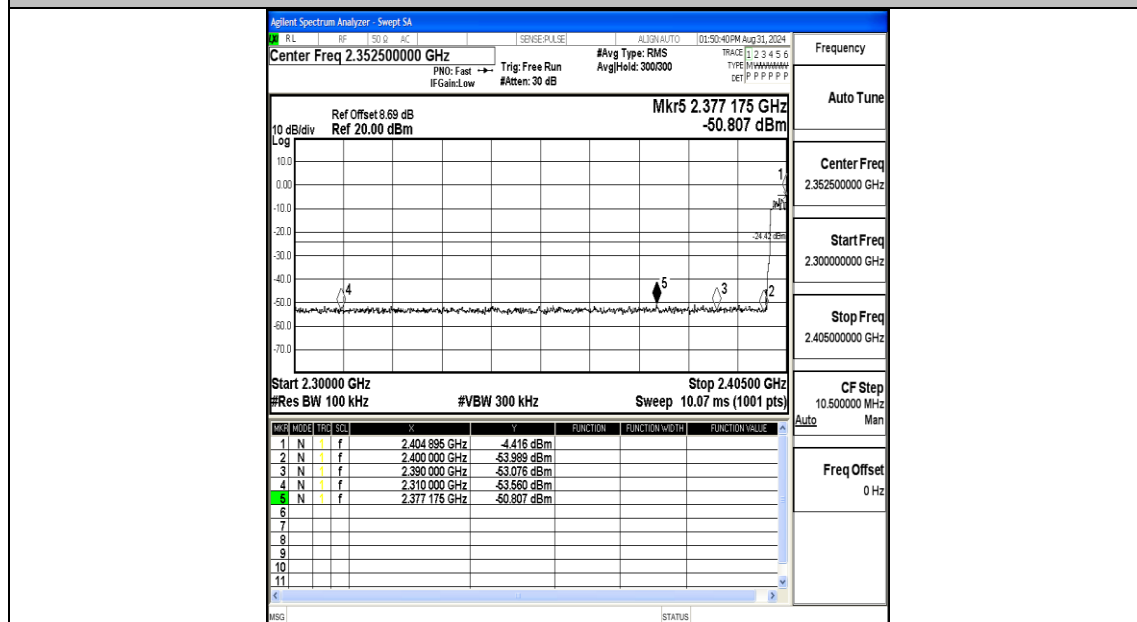
Test Graphs



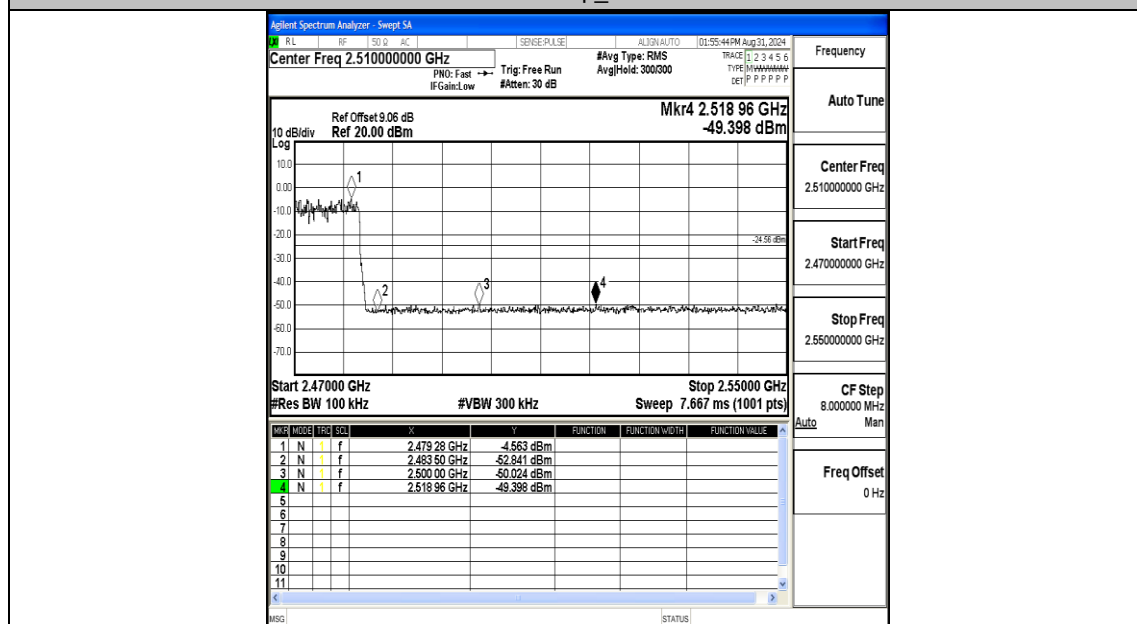




2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS



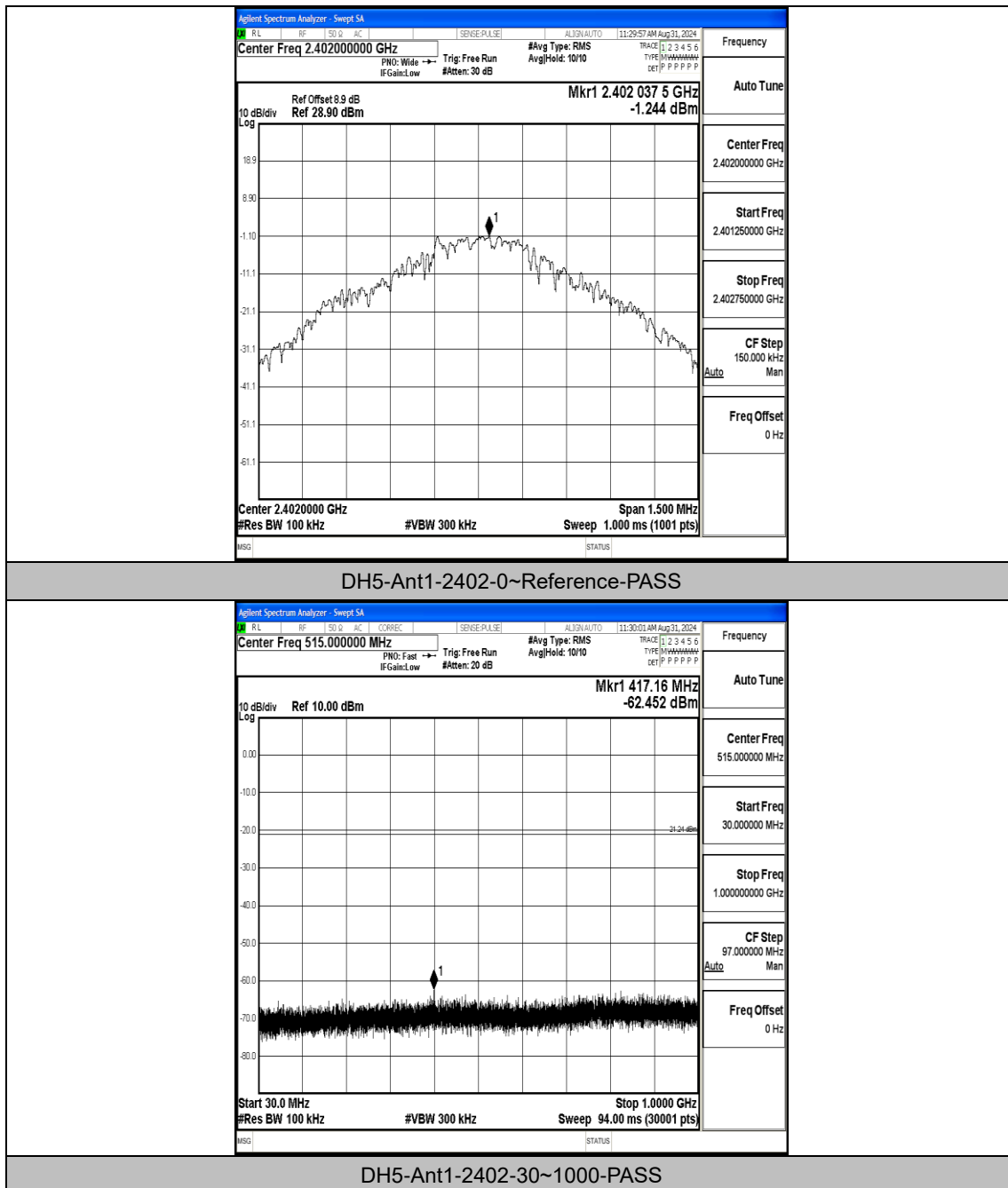
2DH5-Ant1-Hop_2480-PASS

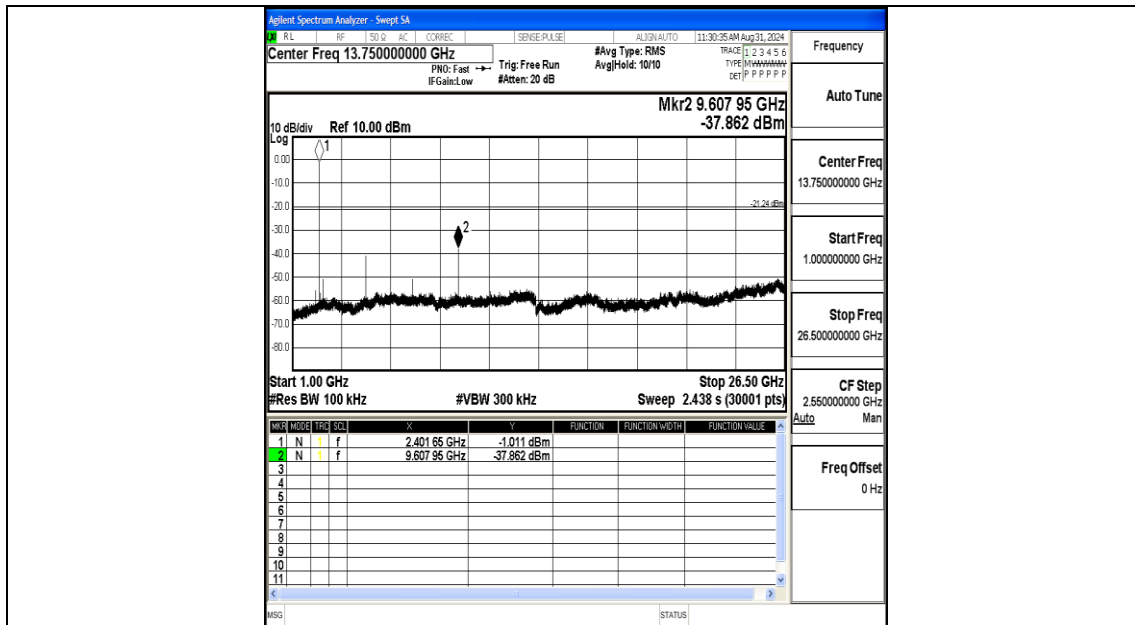
Appendix H: Conducted Spurious Emission

Test Result

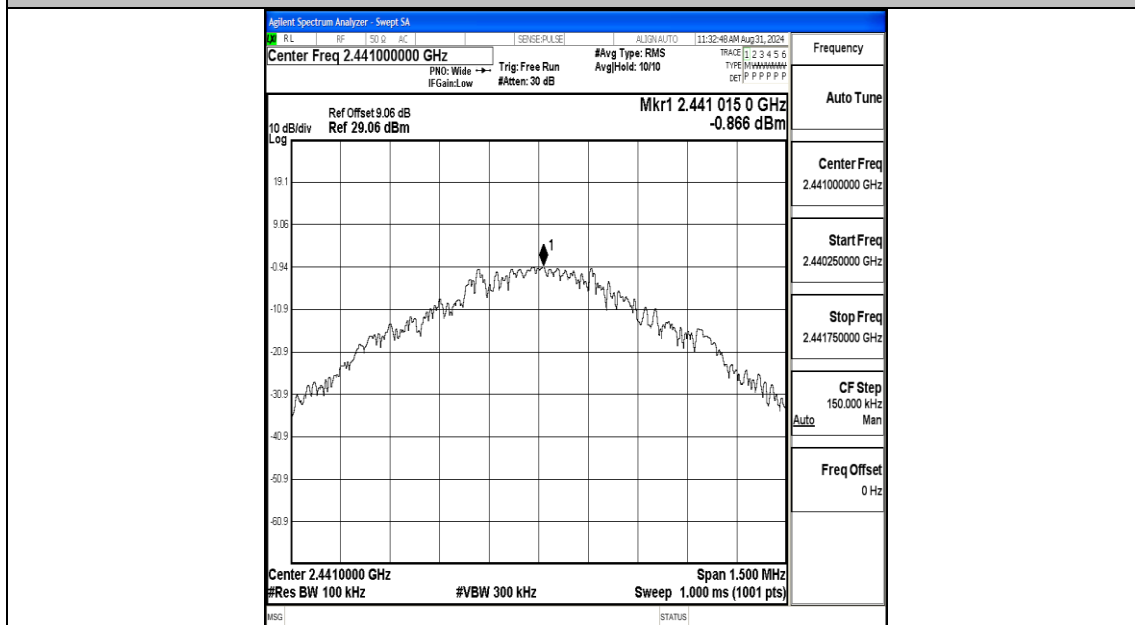
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-1.24	-1.24	---	PASS
DH5	Ant1	2402	30~1000	-1.24	-62.45	≤-21.24	PASS
DH5	Ant1	2402	1000~26500	-1.24	-37.86	≤-21.24	PASS
DH5	Ant1	2441	0~Reference	-0.87	-0.87	---	PASS
DH5	Ant1	2441	30~1000	-0.87	-62.95	≤-20.87	PASS
DH5	Ant1	2441	1000~26500	-0.87	-35.87	≤-20.87	PASS
DH5	Ant1	2480	0~Reference	-1.33	-1.33	---	PASS
DH5	Ant1	2480	30~1000	-1.33	-62.72	≤-21.33	PASS
DH5	Ant1	2480	1000~26500	-1.33	-35.92	≤-21.33	PASS
2DH5	Ant1	2402	0~Reference	-4.13	-4.13	---	PASS
2DH5	Ant1	2402	30~1000	-4.13	-62.8	≤-24.13	PASS
2DH5	Ant1	2402	1000~26500	-4.13	-36.77	≤-24.13	PASS
2DH5	Ant1	2441	0~Reference	-0.82	-0.82	---	PASS
2DH5	Ant1	2441	30~1000	-0.82	-62.13	≤-20.82	PASS
2DH5	Ant1	2441	1000~26500	-0.82	-35.3	≤-20.82	PASS
2DH5	Ant1	2480	0~Reference	-1.18	-1.18	---	PASS
2DH5	Ant1	2480	30~1000	-1.18	-62.47	≤-21.18	PASS
2DH5	Ant1	2480	1000~26500	-1.18	-35.04	≤-21.18	PASS

Test Graphs

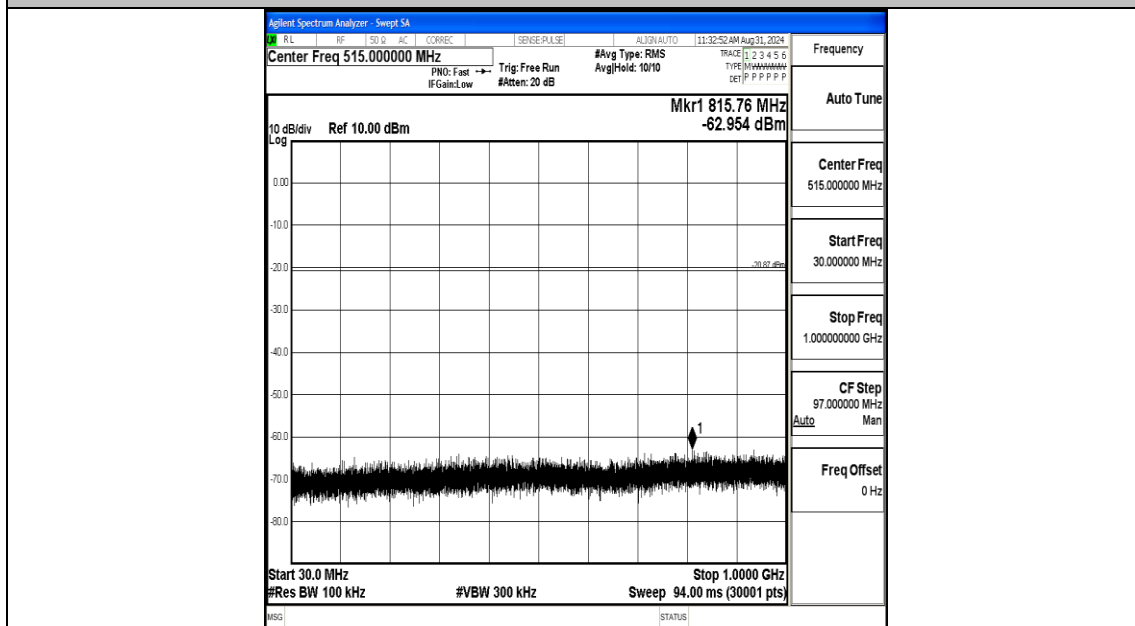




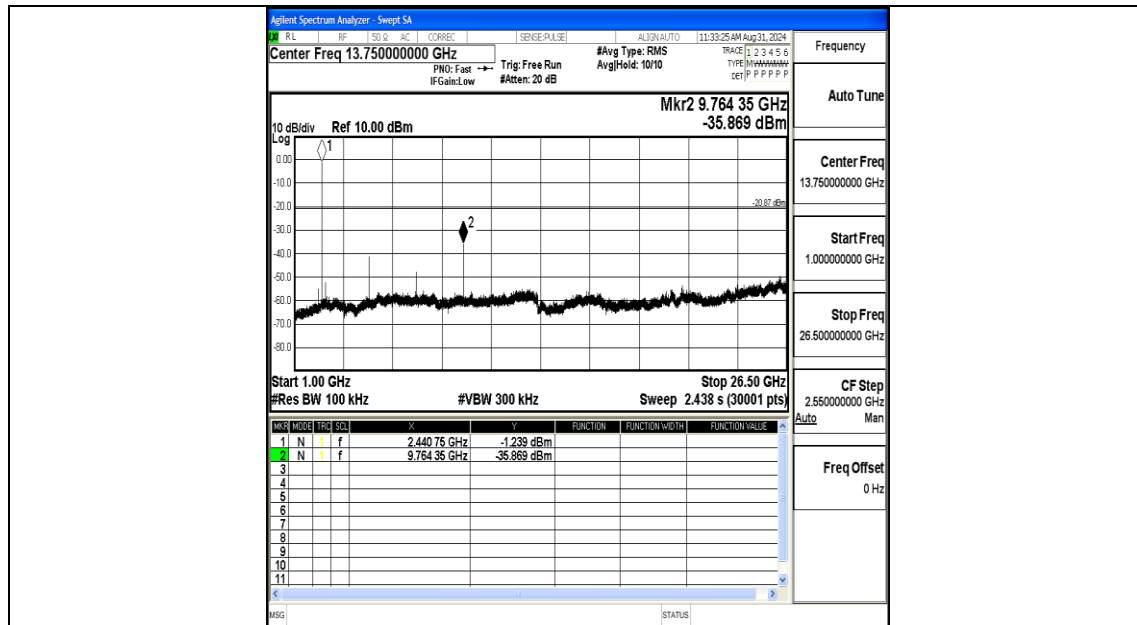
DH5-Ant1-2402-1000~26500-PASS



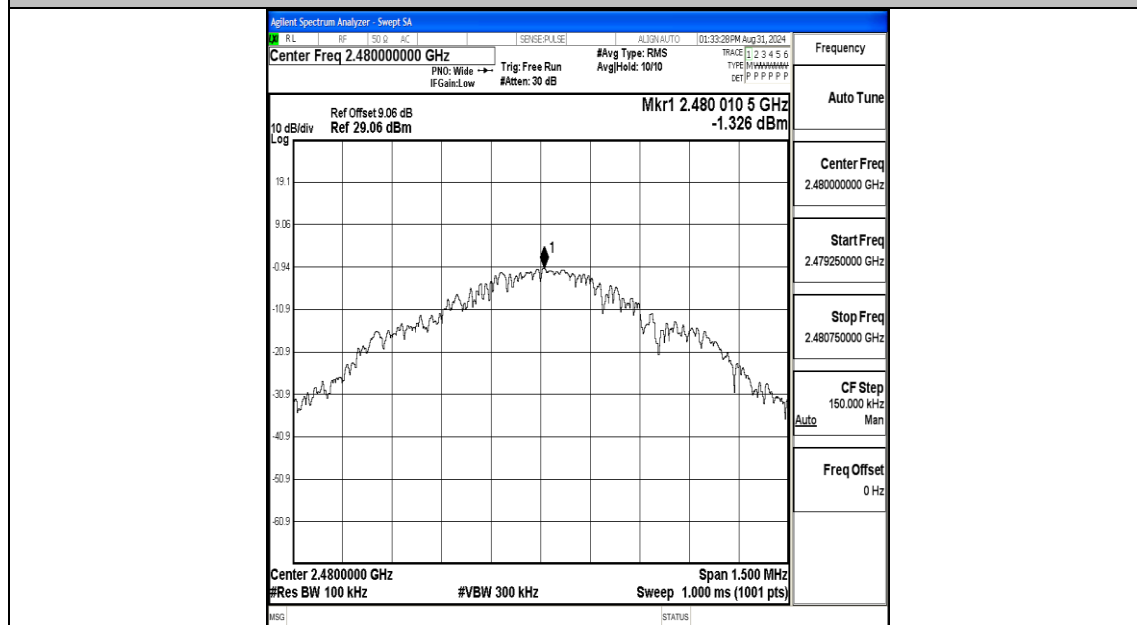
DH5-Ant1-2441-0~Reference-PASS



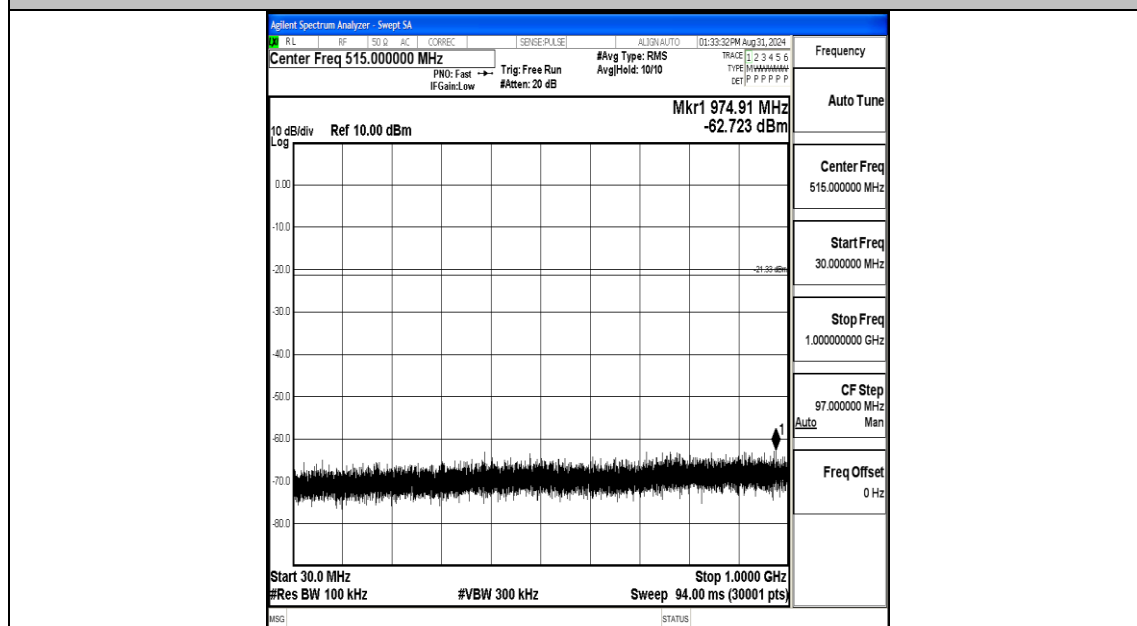
DH5-Ant1-2441-30~1000-PASS



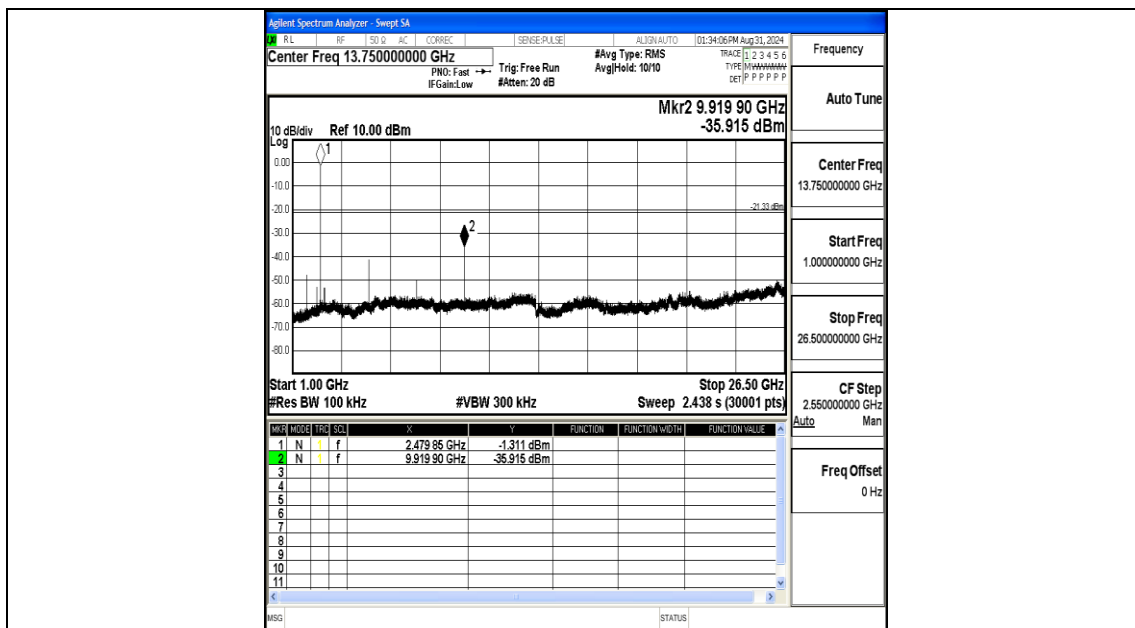
DH5-Ant1-2441-1000~26500-PASS



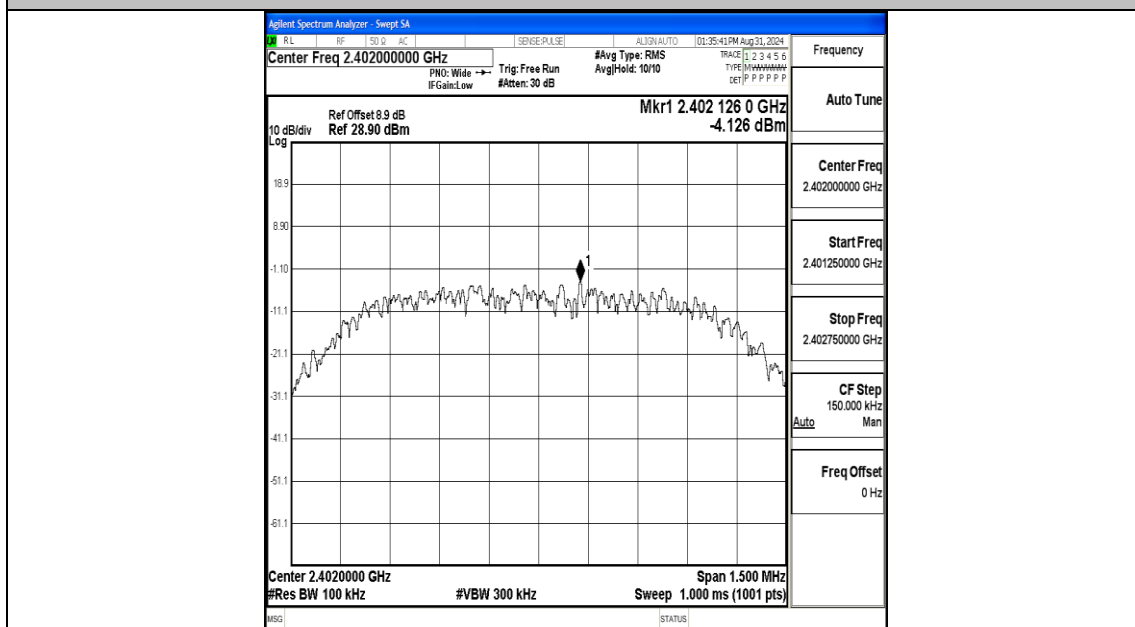
DH5-Ant1-2480-0~Reference-PASS



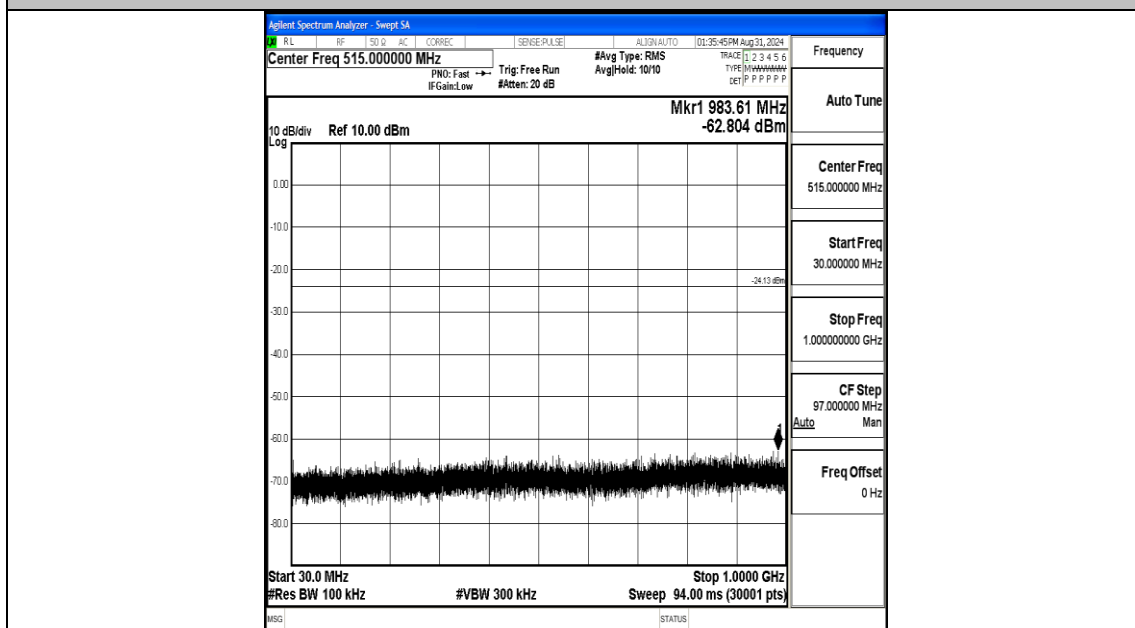
DH5-Ant1-2480-30~1000-PASS



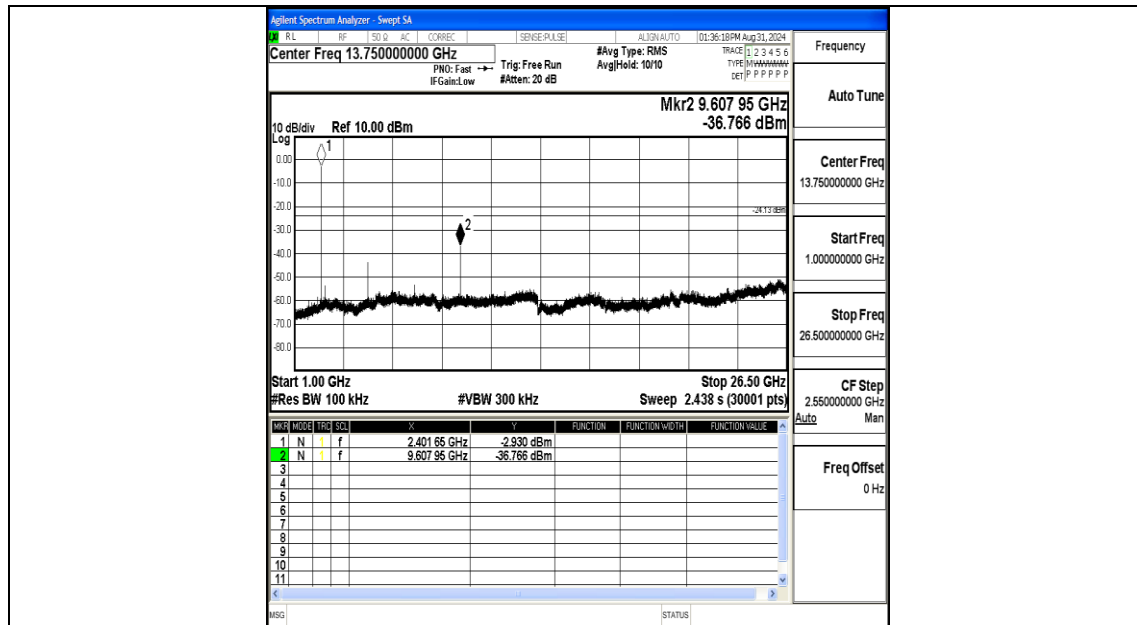
DH5-Ant1-2480-1000~26500-PASS



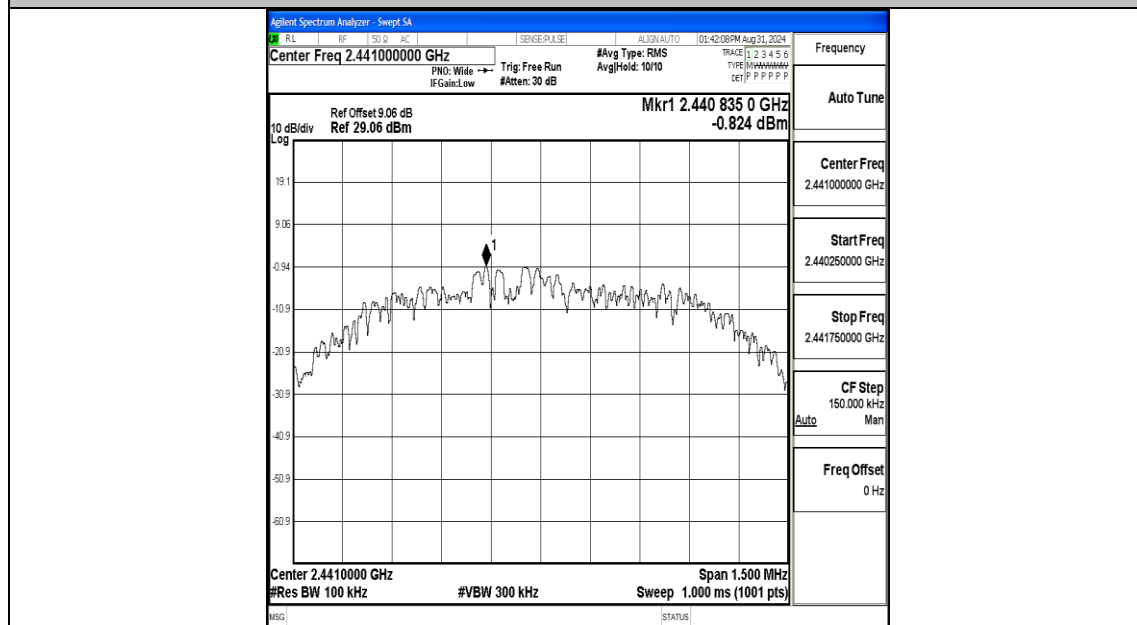
2DH5-Ant1-2402-0~Reference-PASS



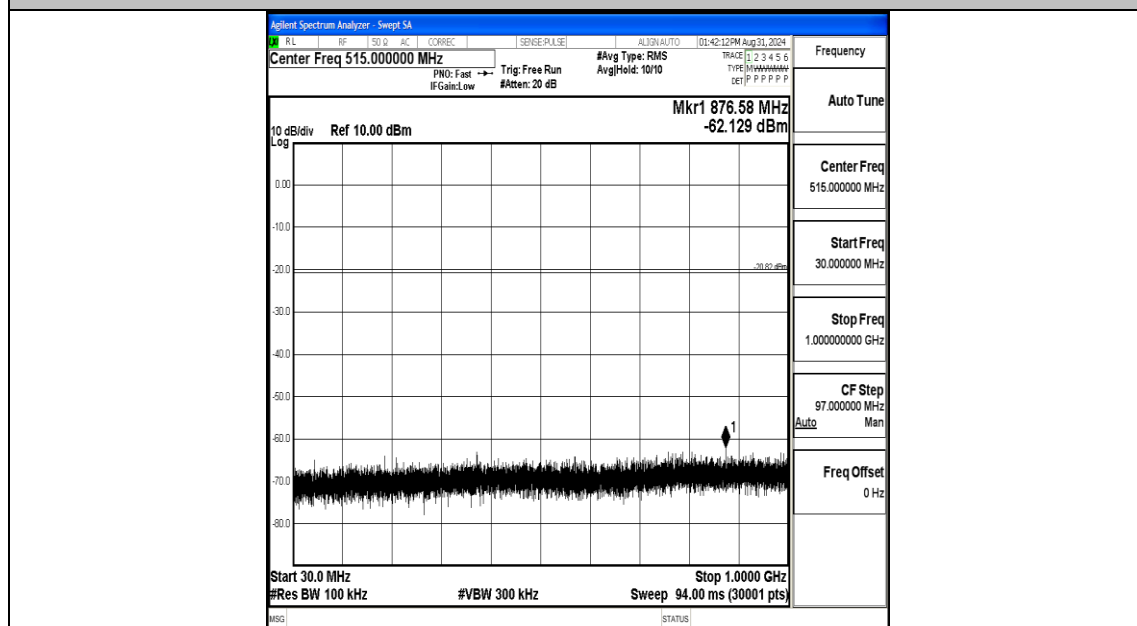
2DH5-Ant1-2402-30~1000-PASS



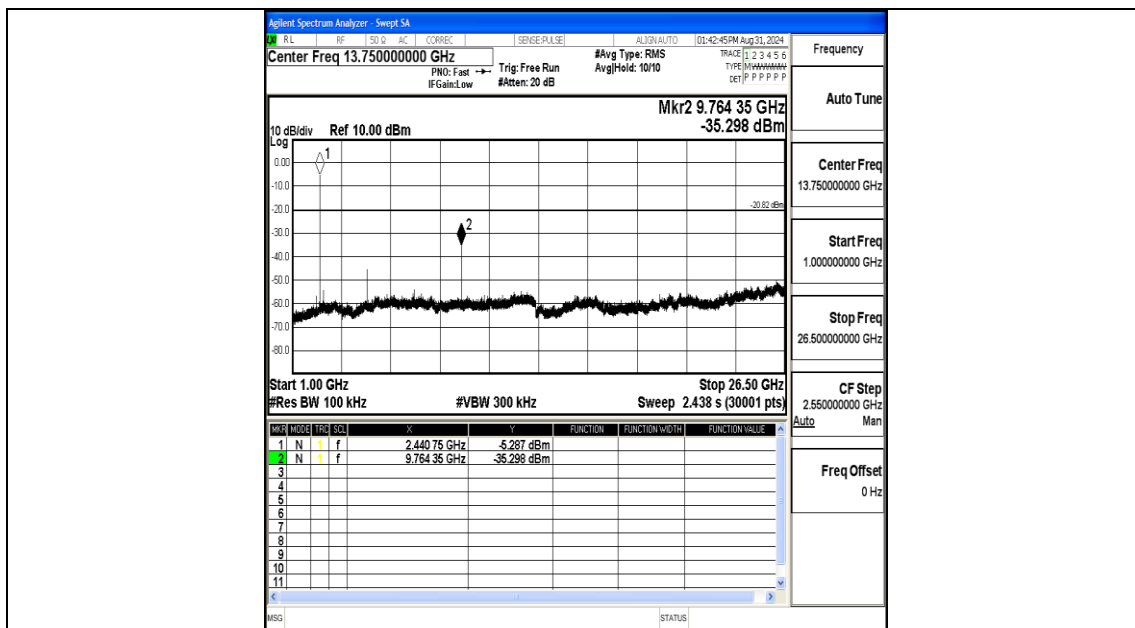
2DH5-Ant1-2402-1000~26500-PASS



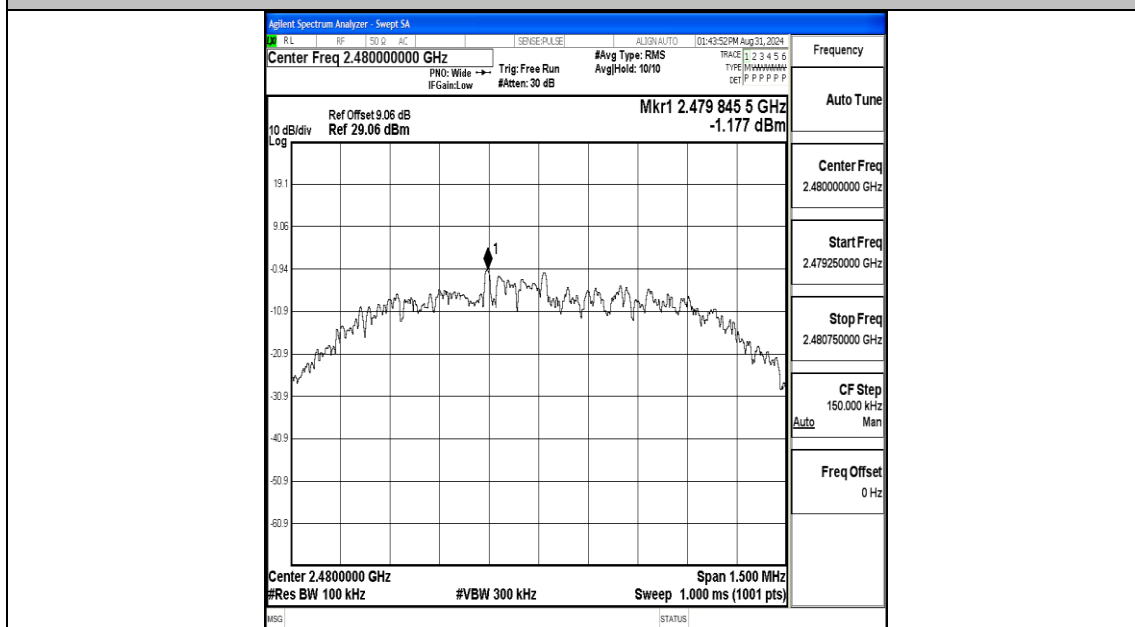
2DH5-Ant1-2441-0~Reference-PASS



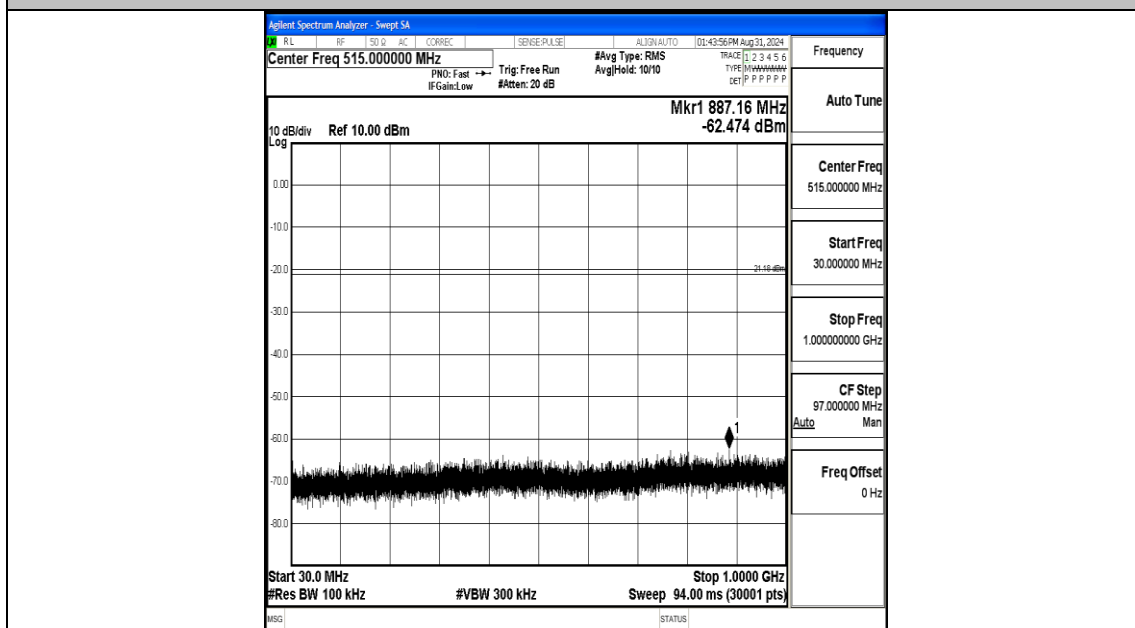
2DH5-Ant1-2441-30~1000-PASS



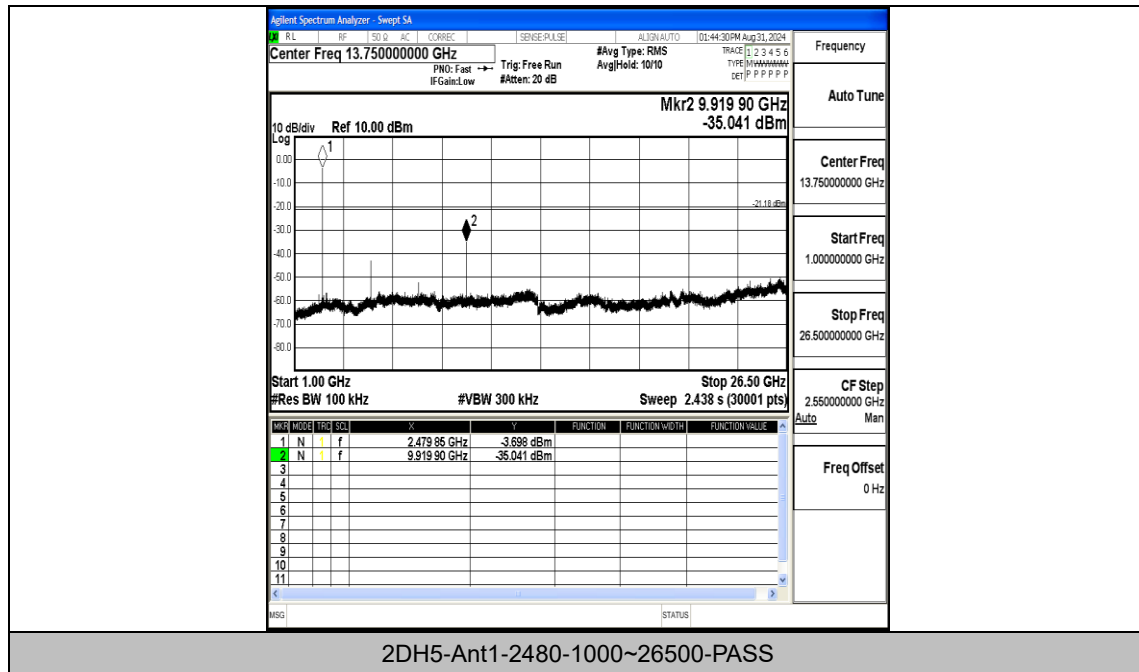
2DH5-Ant1-2441-1000~26500-PASS



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



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

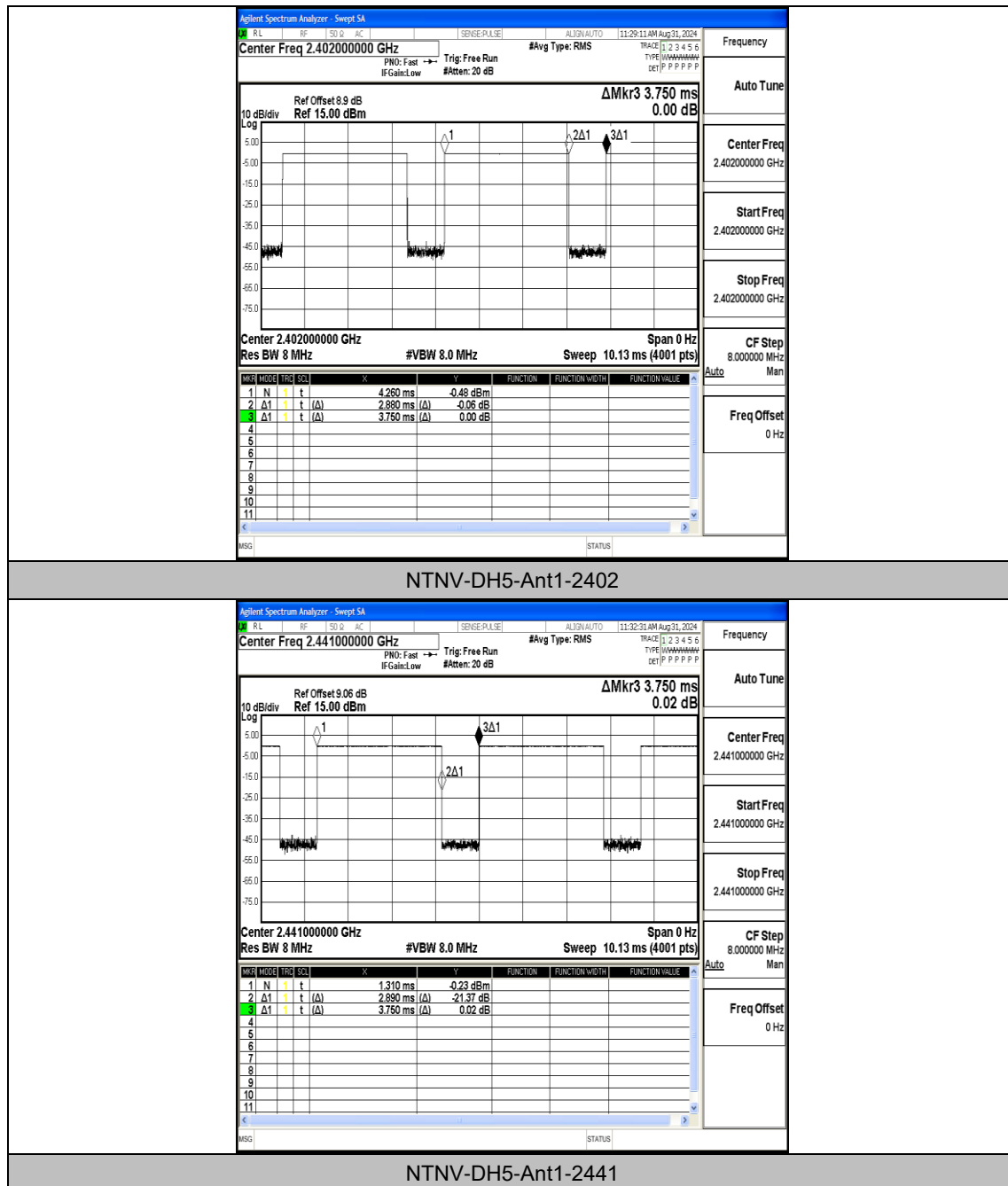


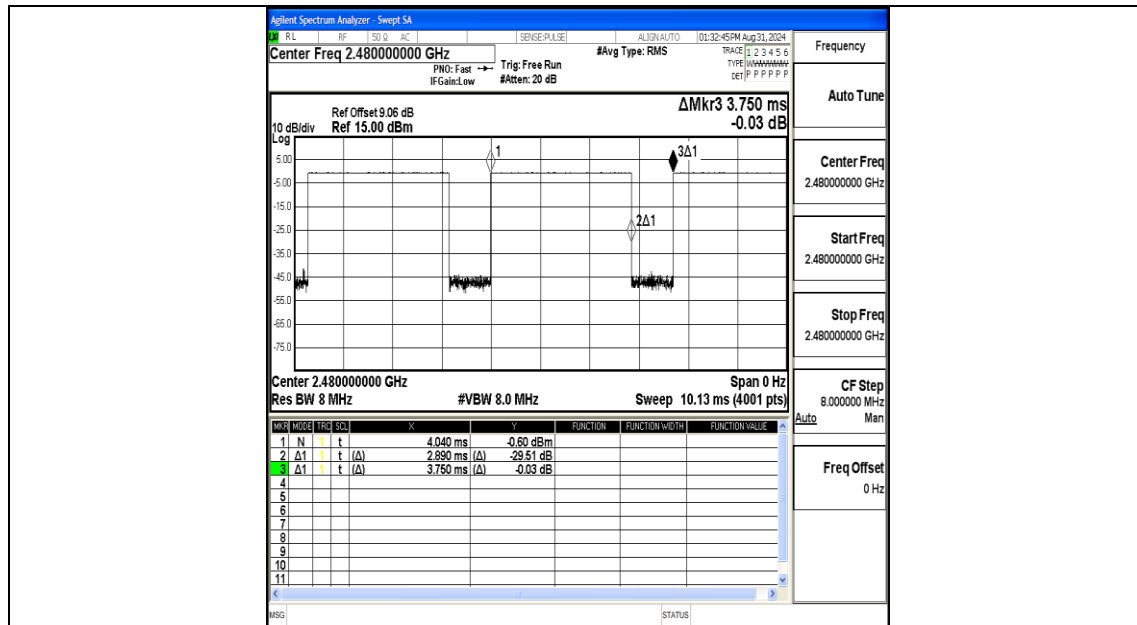
Appendix I: Duty Cycle

Test Result

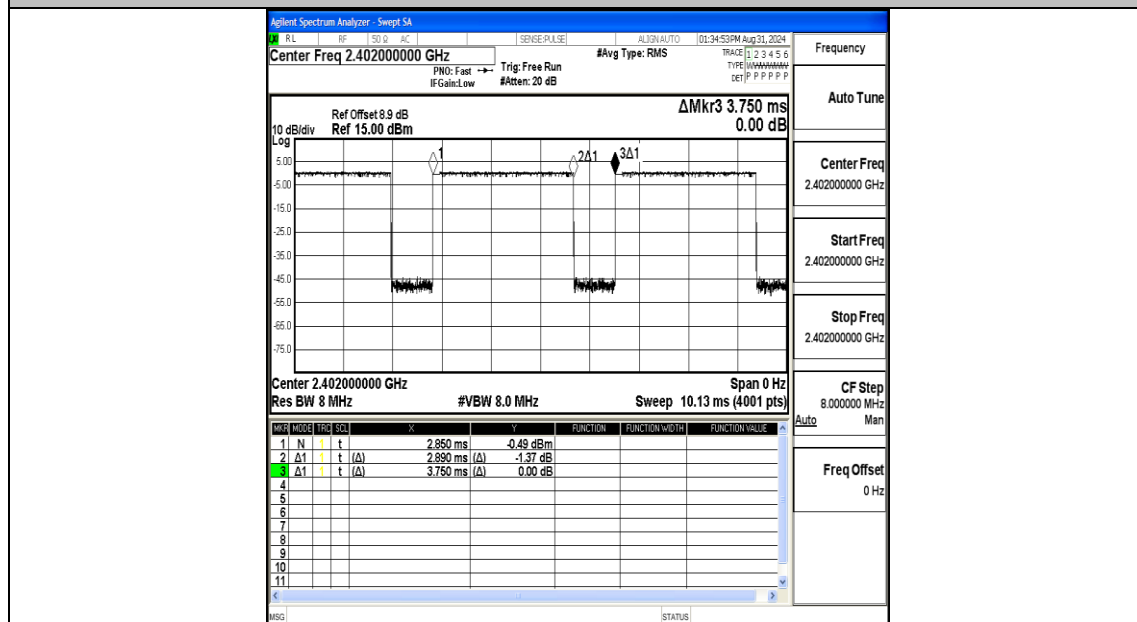
TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.75	77.07	1.13

Test Graphs

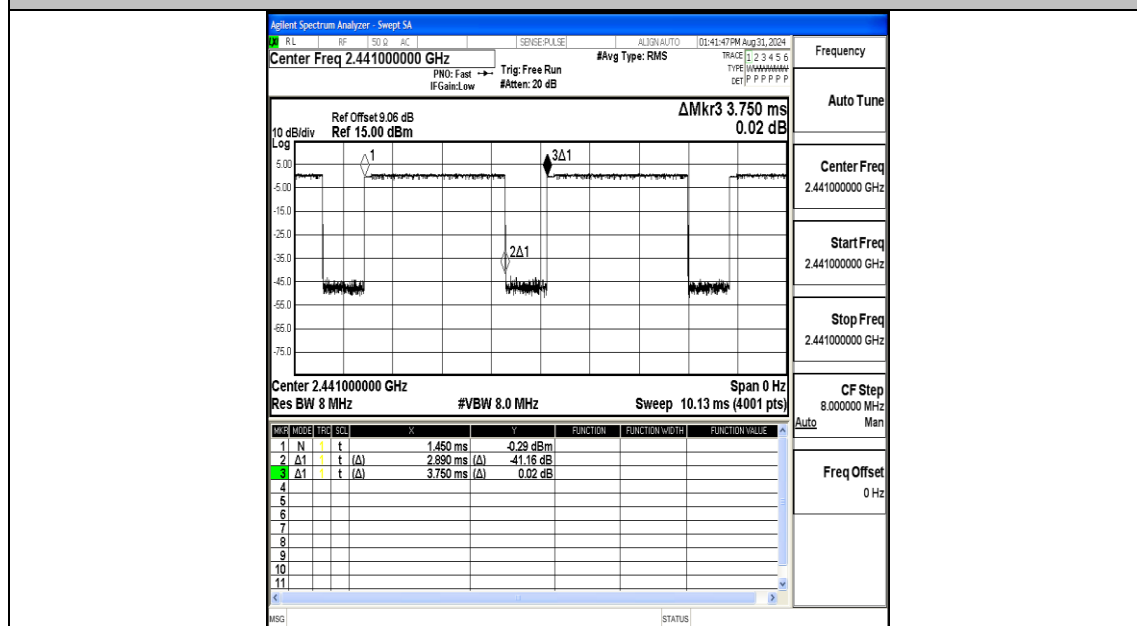




NTNV-DH5-Ant1-2480



NTNV-2DH5-Ant1-2402



NTNV-2DH5-Ant1-2441

