

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

Product Name: True Wireless Stereo Bluetooth Headset

Trade Mark: aigo

Test Model: TJ150

FCC ID: 2ASNB-TJ150

Environmental Conditions

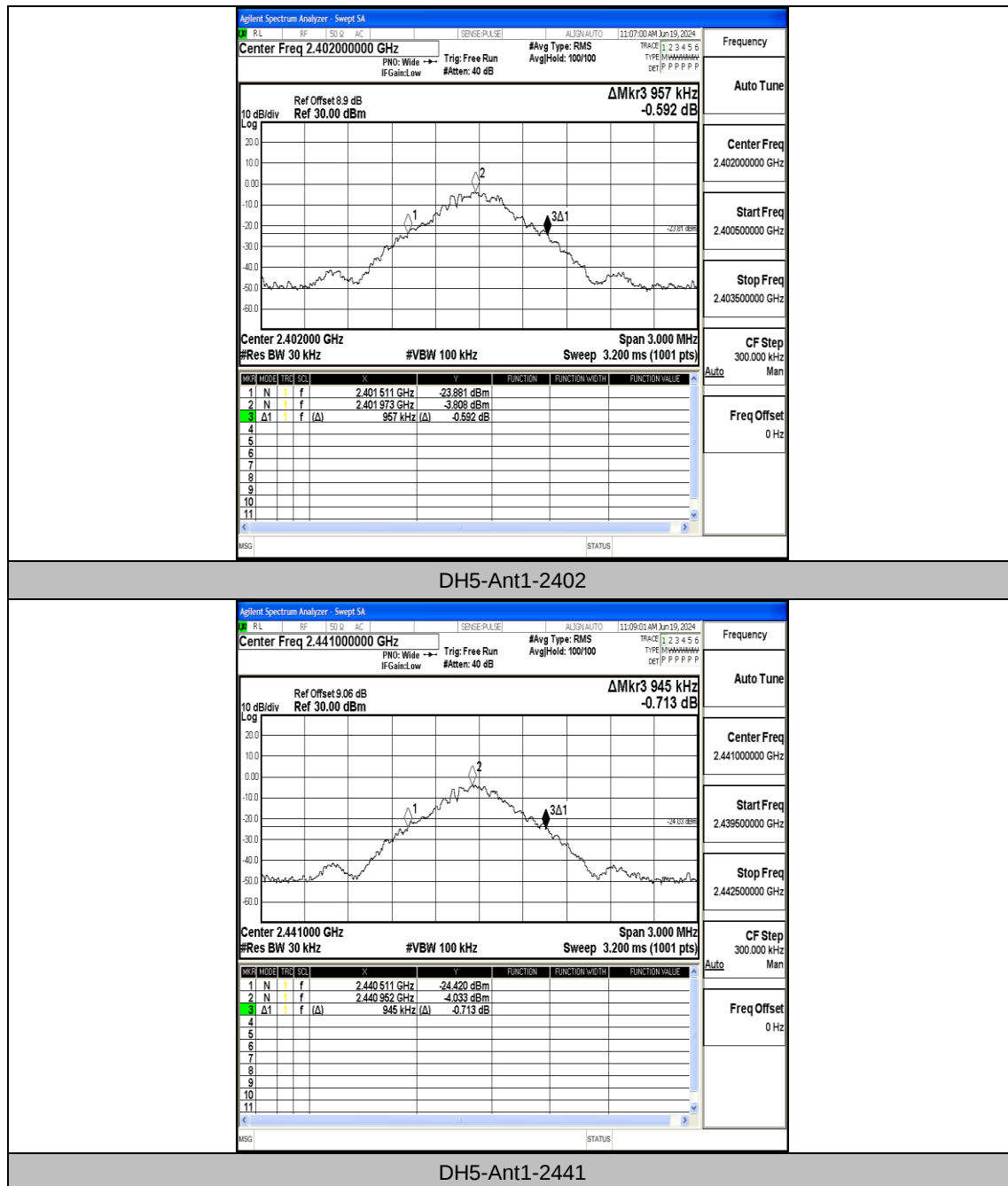
Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

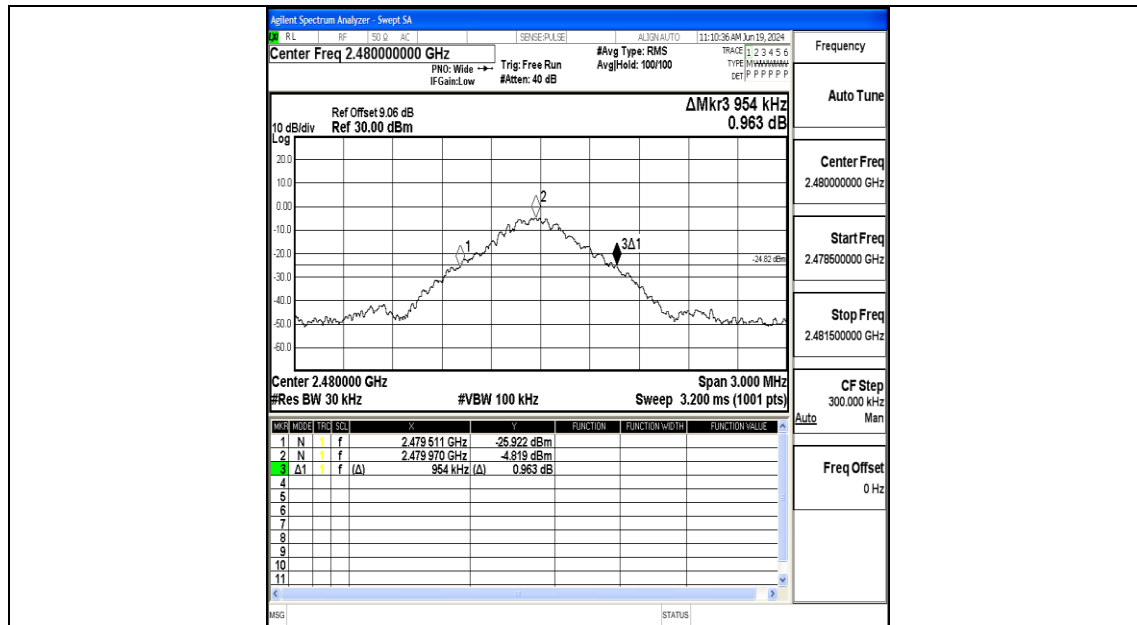
Appendix A: 20dB Emission Bandwidth

Test Result

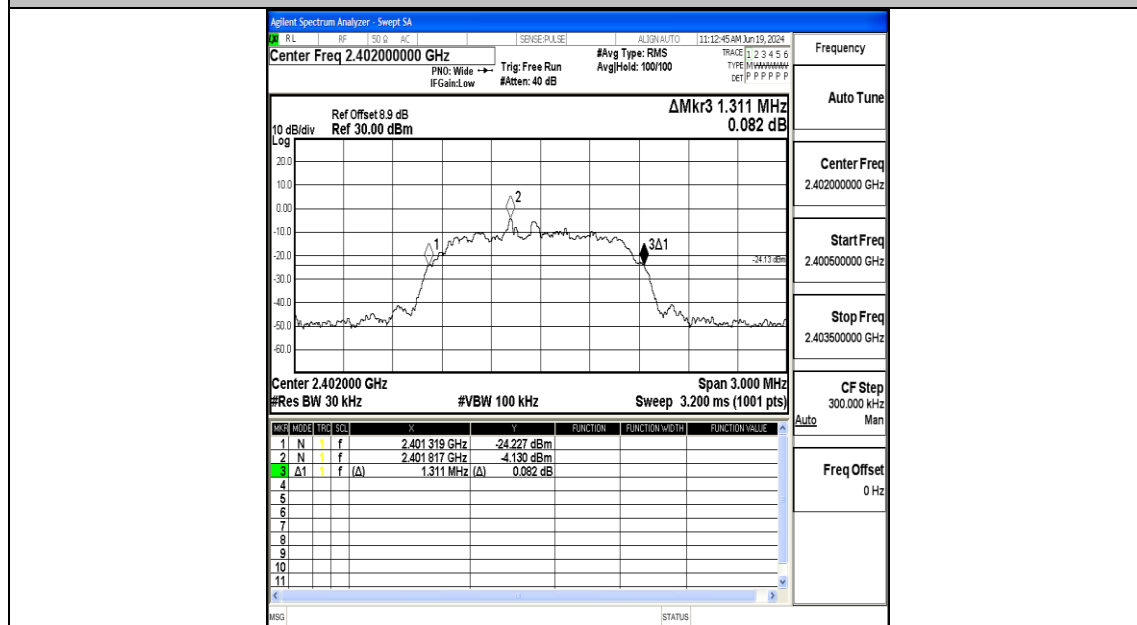
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.957	2401.511	2402.468	---	---
DH5	Ant1	2441	0.945	2440.511	2441.456	---	---
DH5	Ant1	2480	0.954	2479.511	2480.465	---	---
2DH5	Ant1	2402	1.311	2401.319	2402.630	---	---
2DH5	Ant1	2441	1.347	2440.298	2441.645	---	---
2DH5	Ant1	2480	1.320	2479.310	2480.630	---	---

Test Graphs

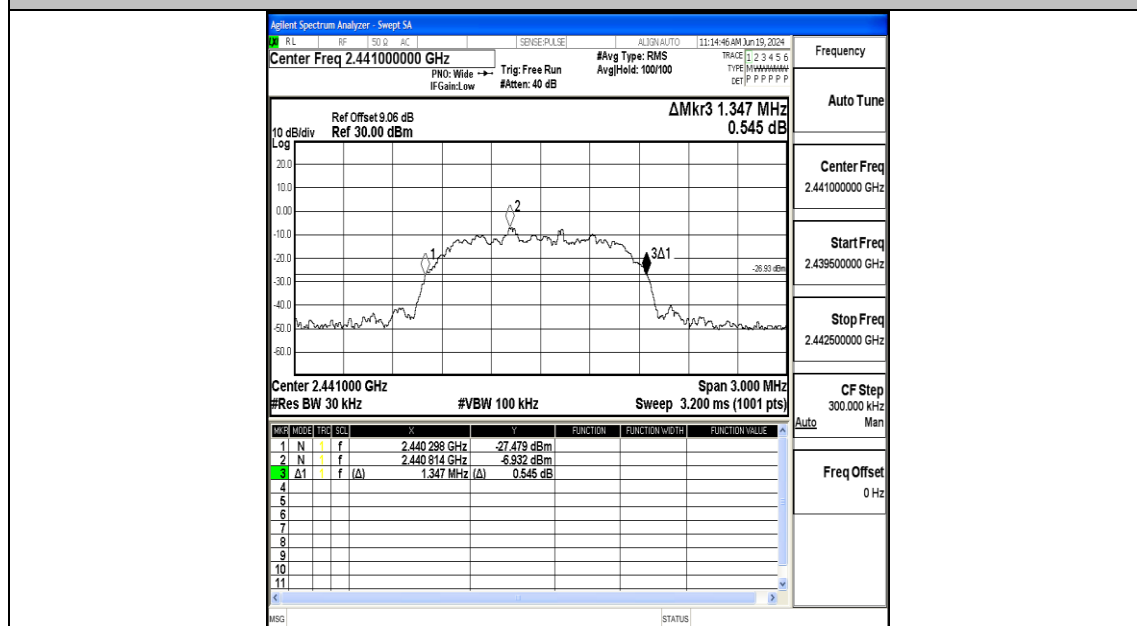




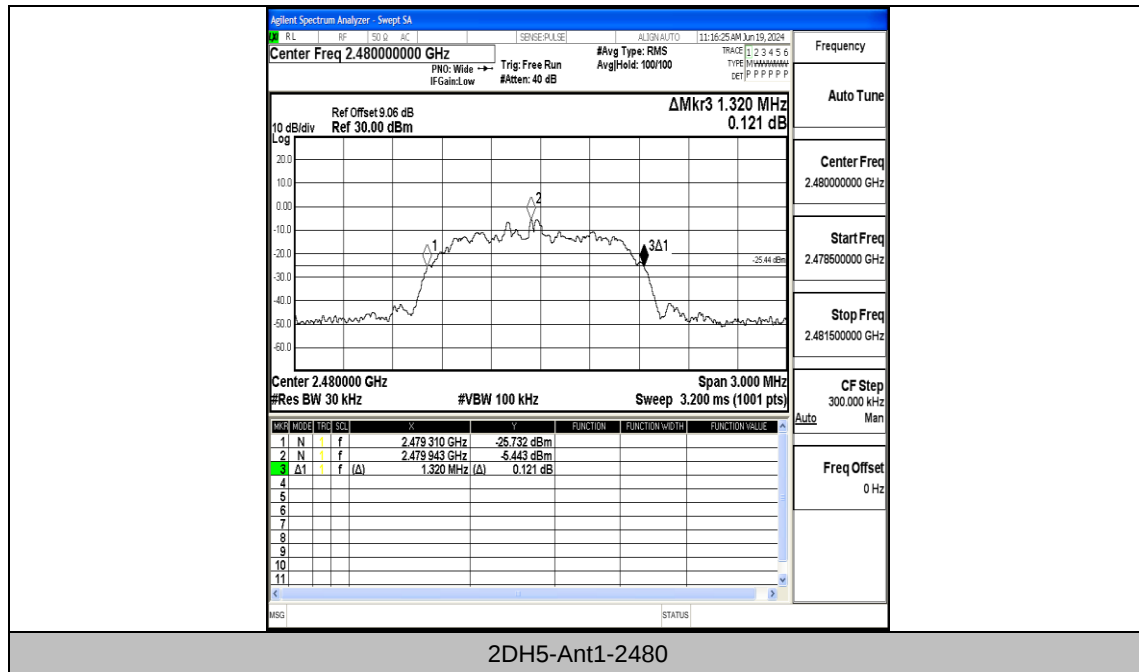
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441

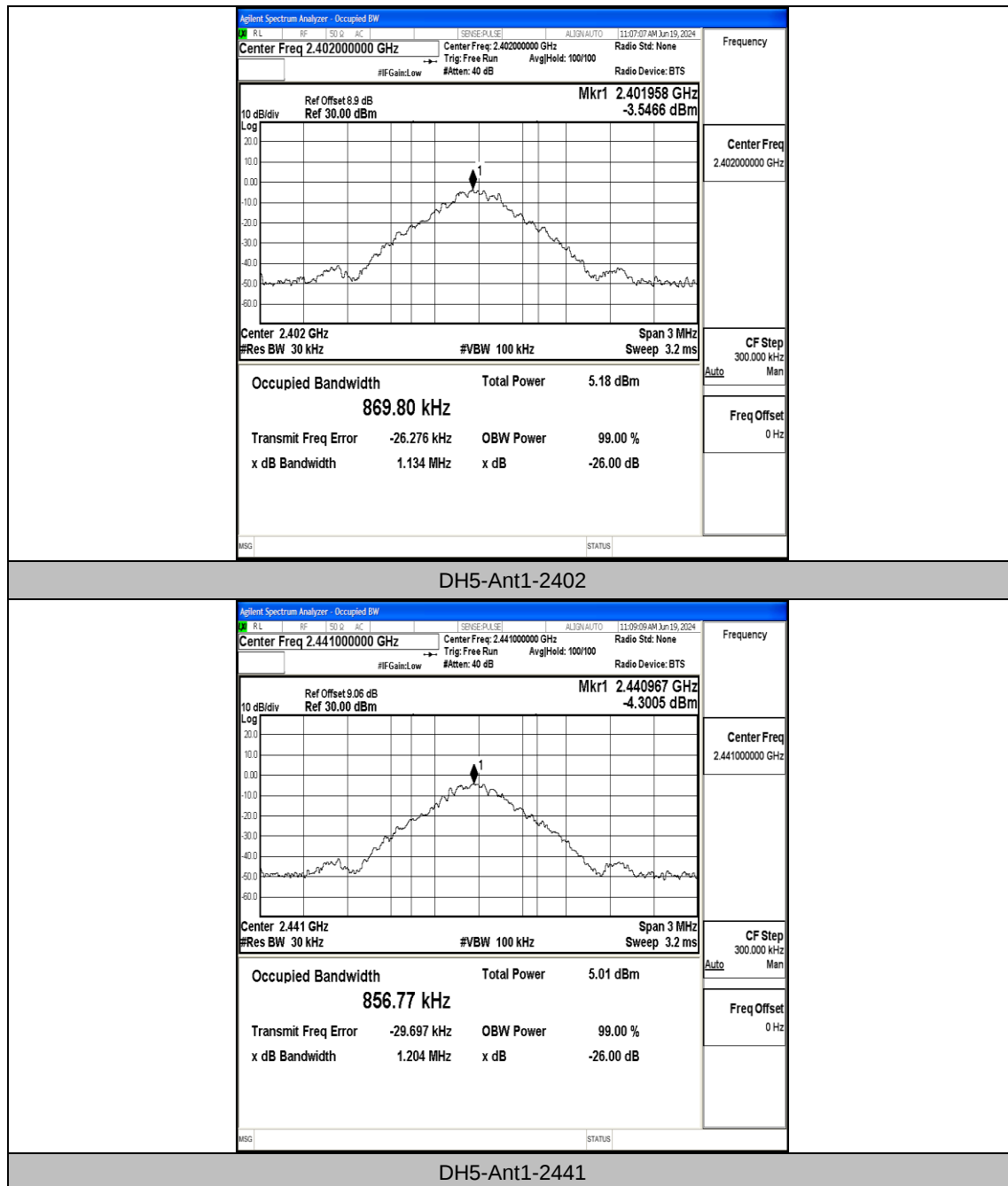


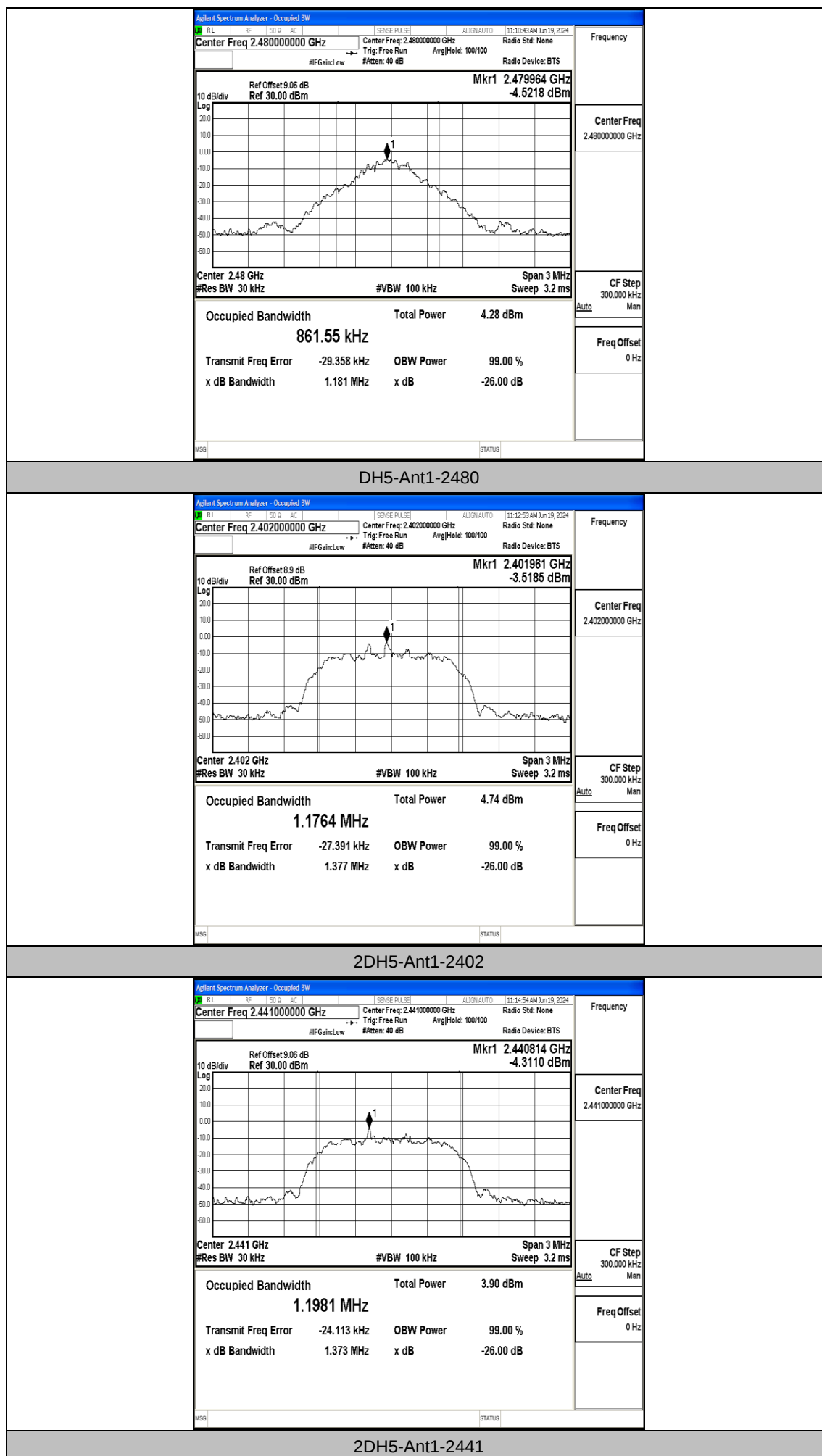
Appendix B: Occupied Channel Bandwidth

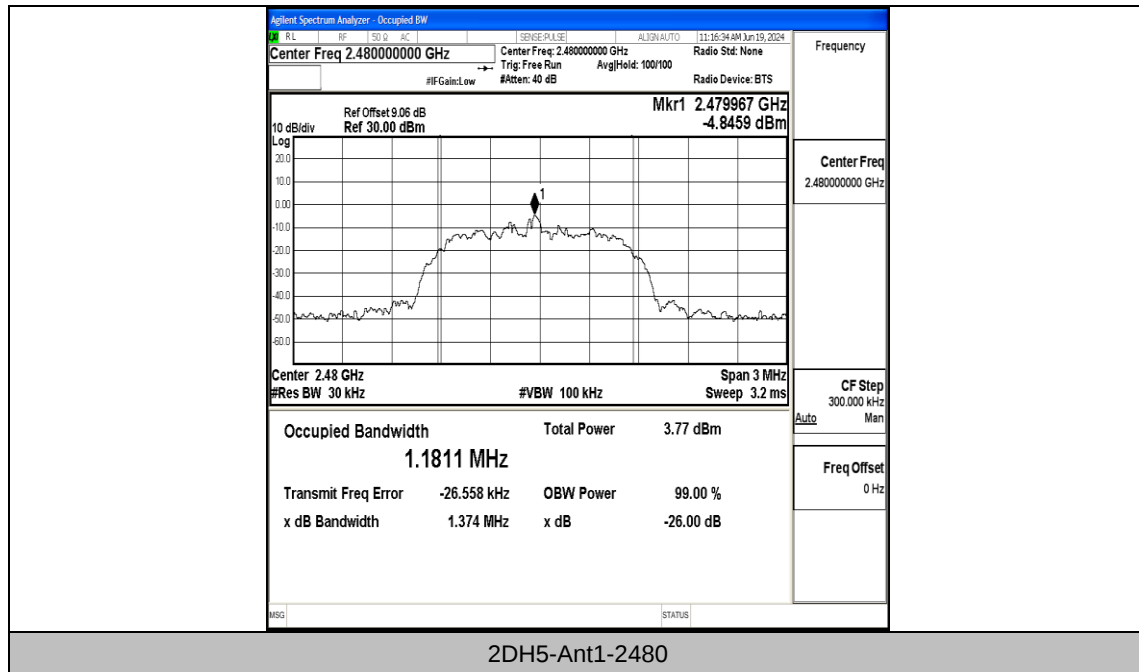
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86980	2401.5388	2402.4086	---	---
DH5	Ant1	2441	0.85677	2440.5419	2441.3987	---	---
DH5	Ant1	2480	0.86155	2479.5399	2480.4014	---	---
2DH5	Ant1	2402	1.1764	2401.3844	2402.5608	---	---
2DH5	Ant1	2441	1.1981	2440.3768	2441.5749	---	---
2DH5	Ant1	2480	1.1811	2479.3829	2480.5640	---	---

Test Graphs





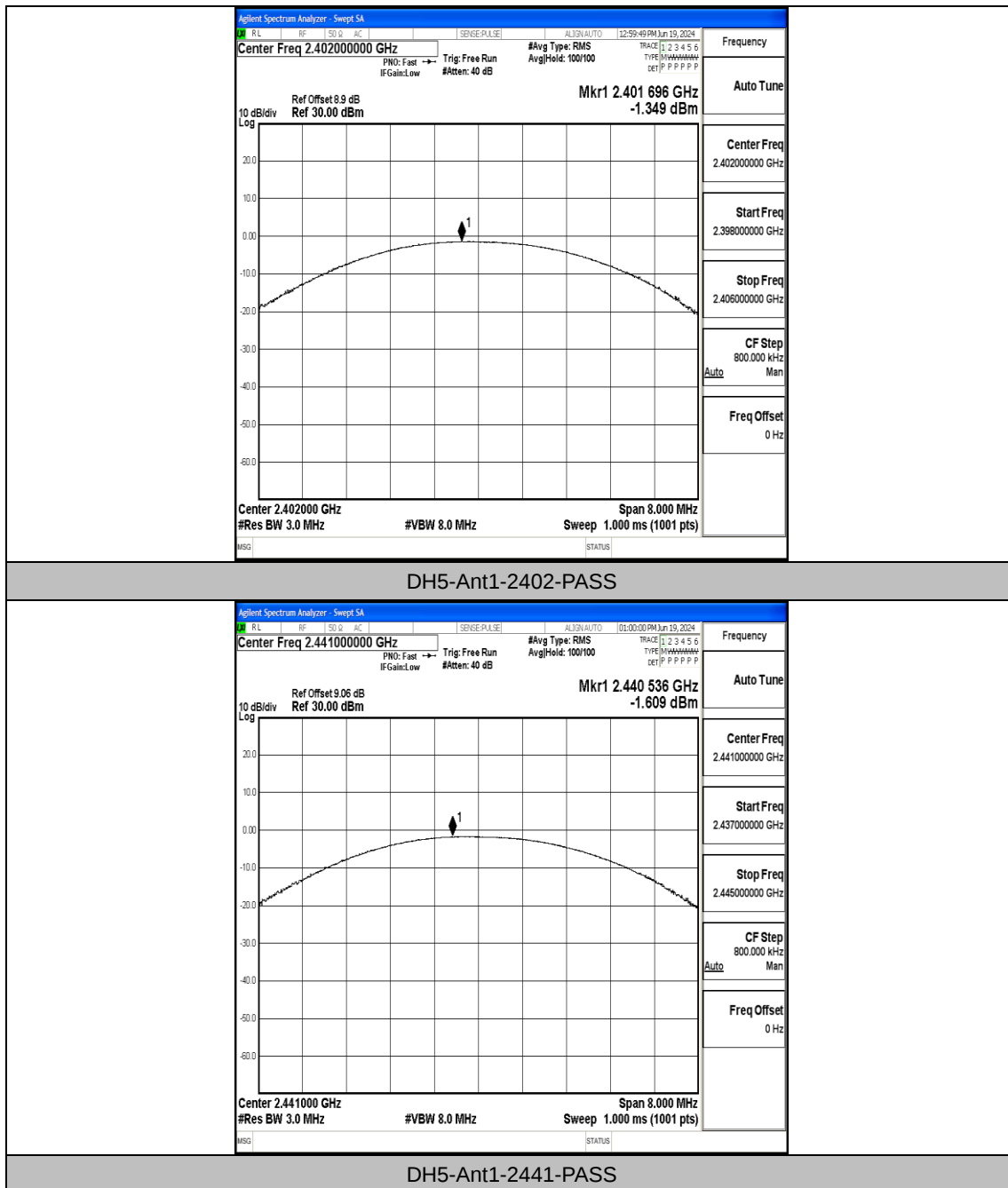


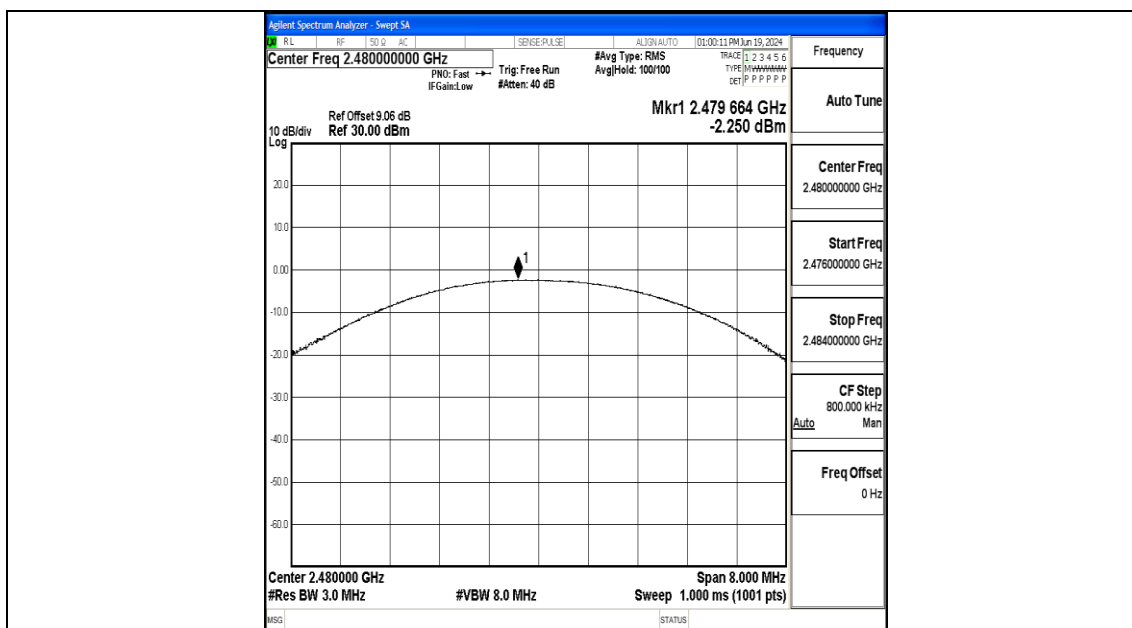
Appendix C: Maximum peak conducted output power

Test Result

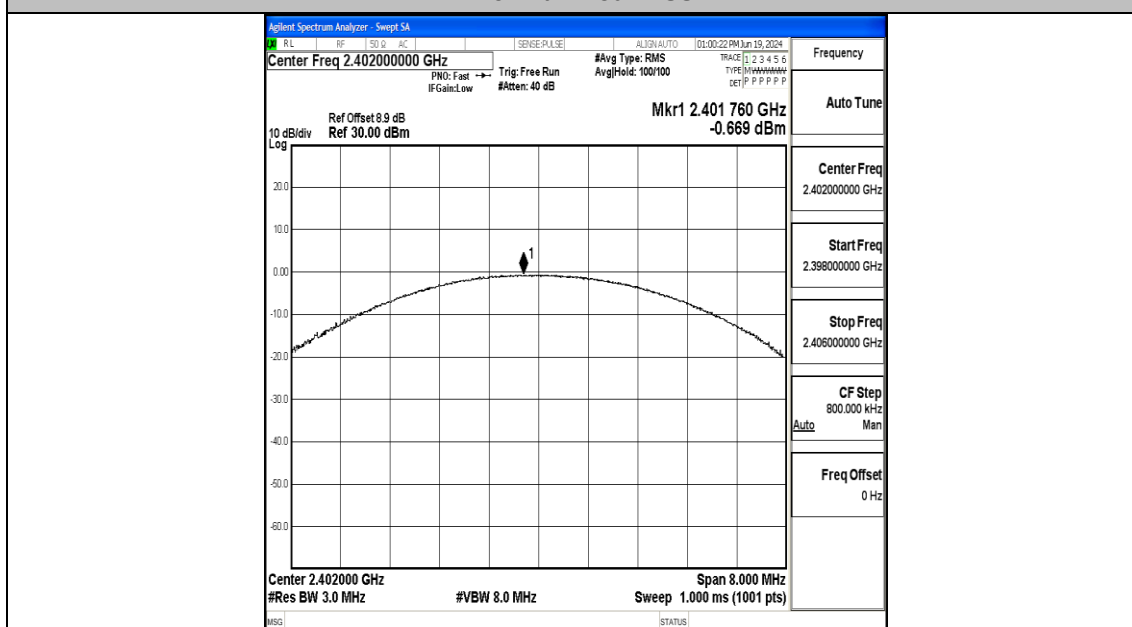
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-1.35	≤30	PASS
DH5	Ant1	2441	-1.61	≤30	PASS
DH5	Ant1	2480	-2.25	≤30	PASS
2DH5	Ant1	2402	-0.67	≤20.97	PASS
2DH5	Ant1	2441	-0.79	≤20.97	PASS
2DH5	Ant1	2480	-1.55	≤20.97	PASS

Test Graphs

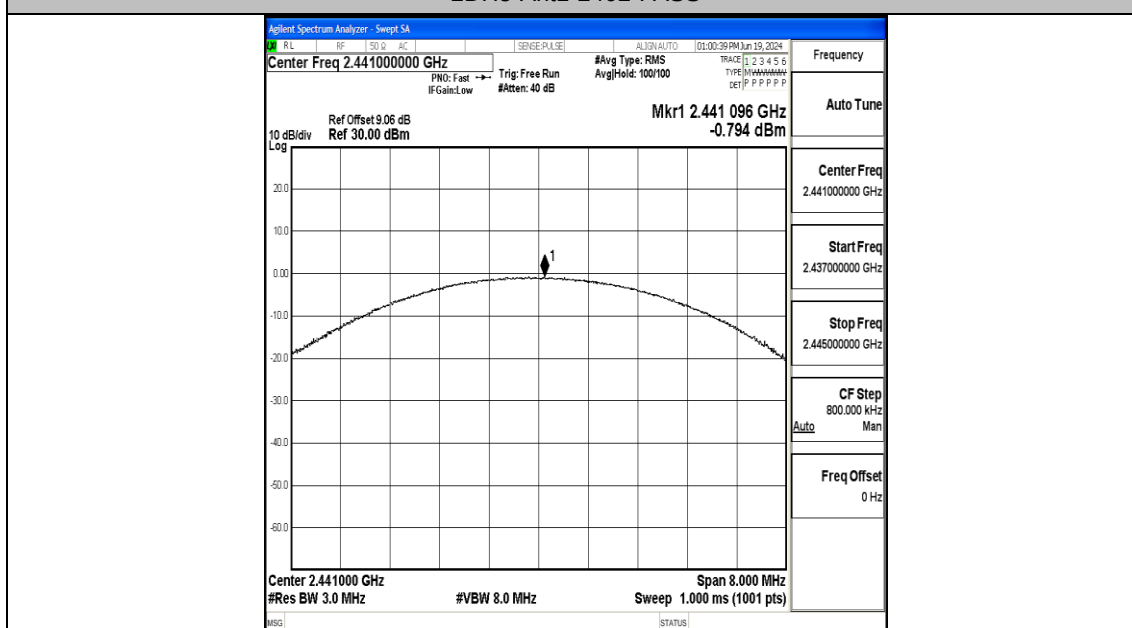




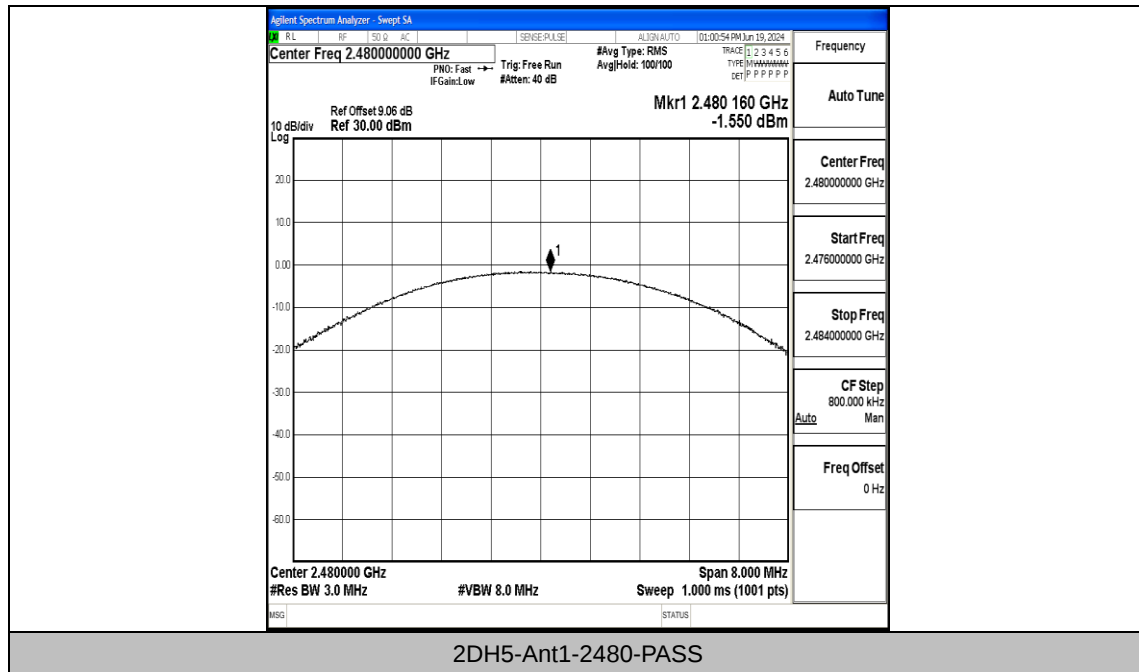
DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS

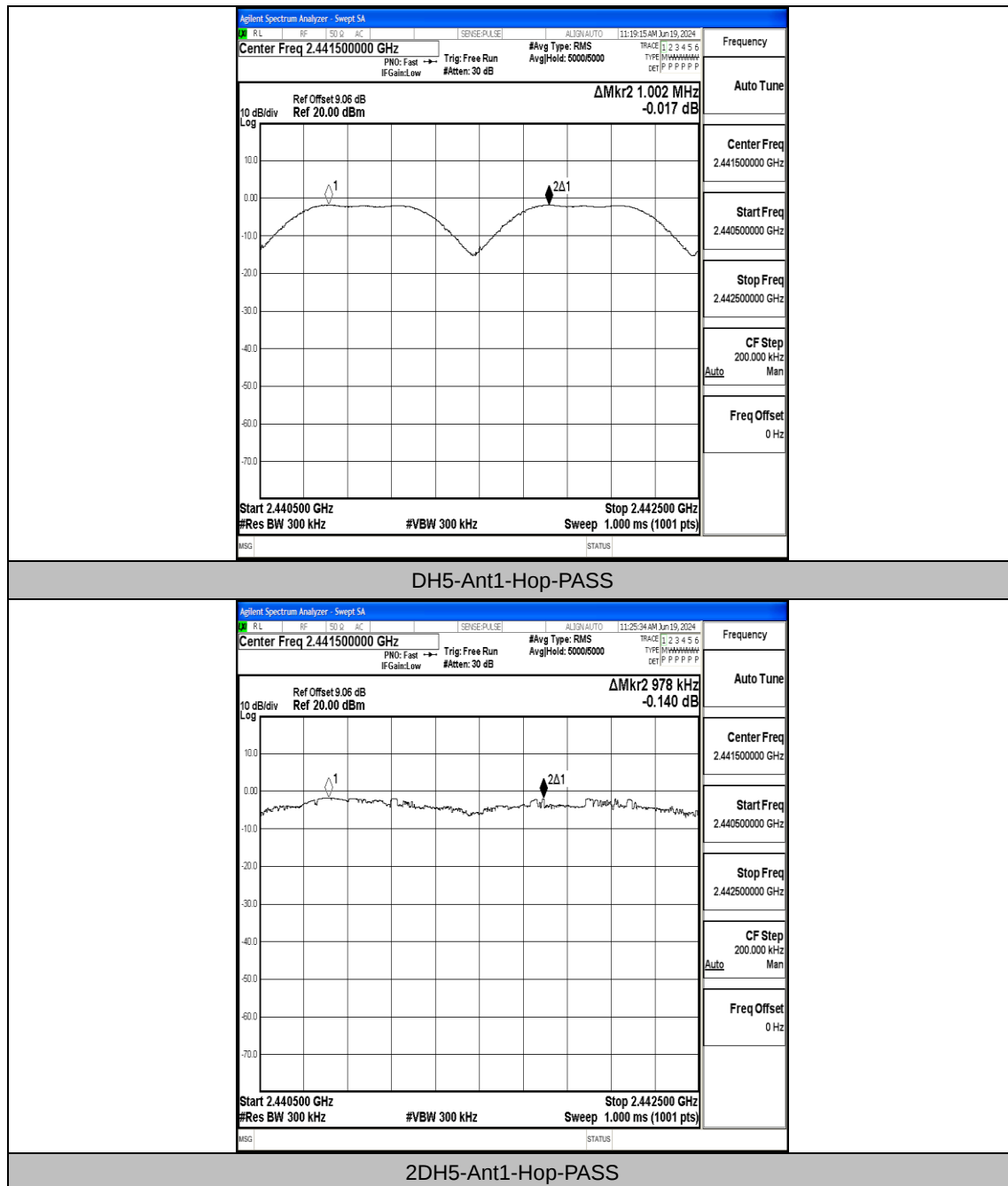


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.002	≥ 0.957	PASS
2DH5	Ant1	Hop	0.978	≥ 0.898	PASS

Test Graphs

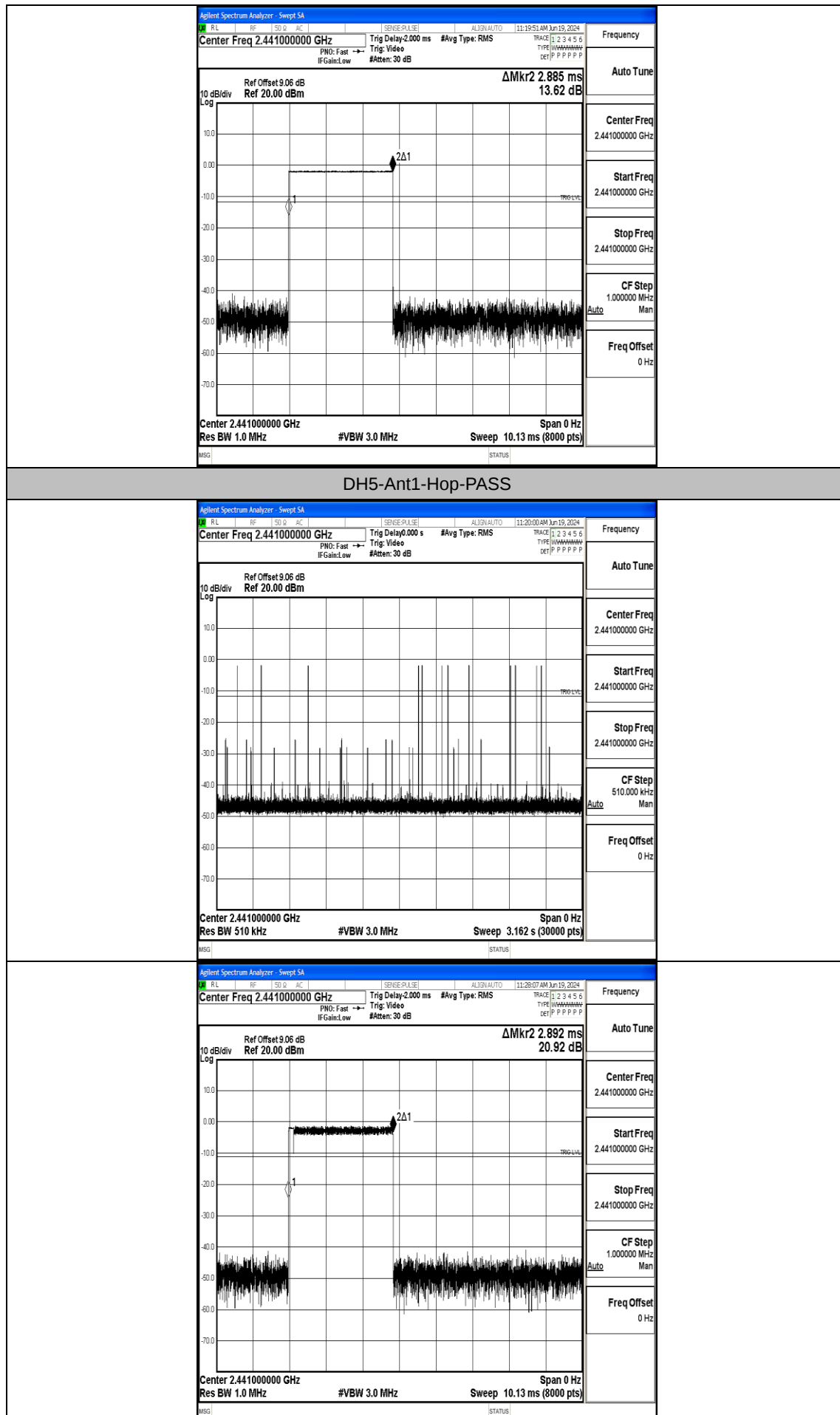


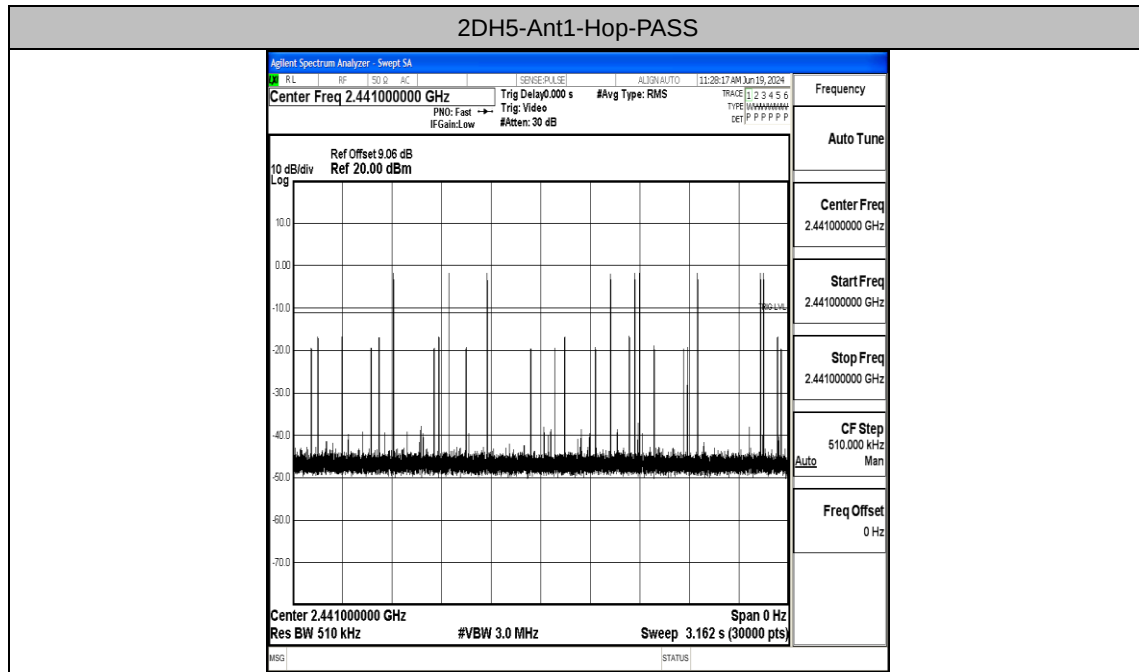
Appendix E: Time of occupancy

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	2.892	100	0.289	≤0.4	PASS

Test Graphs



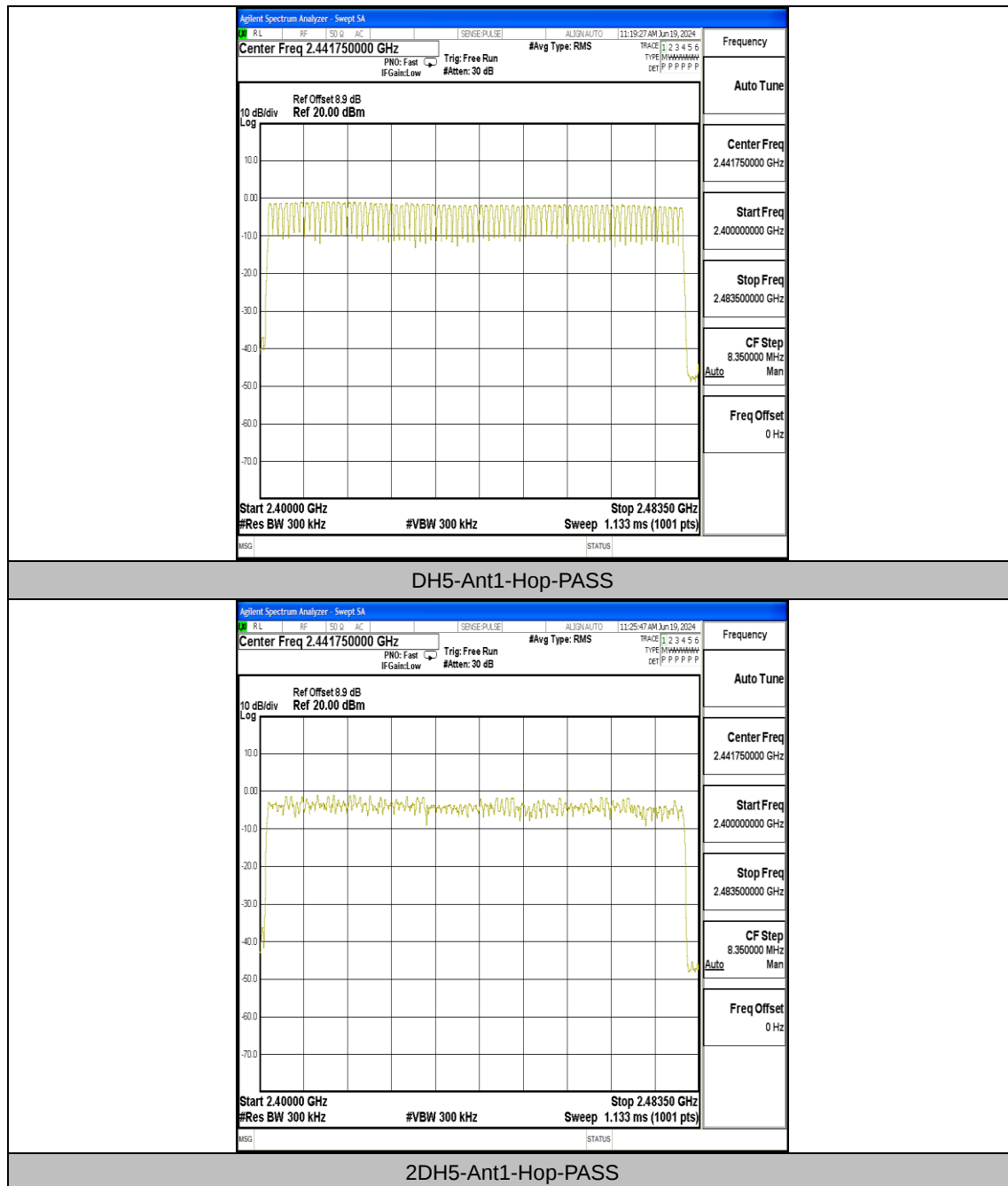


Appendix F: Number of hopping channels

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

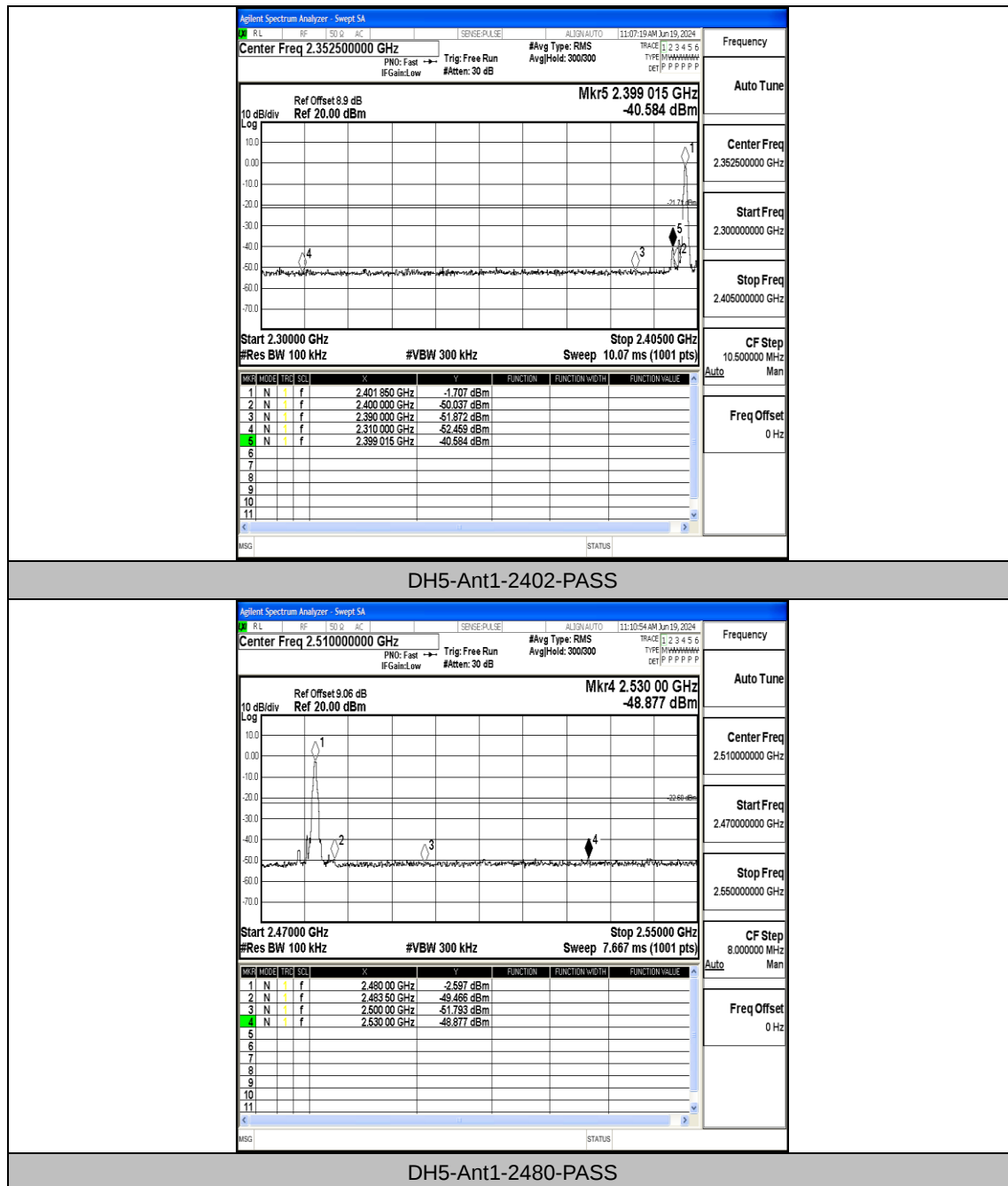


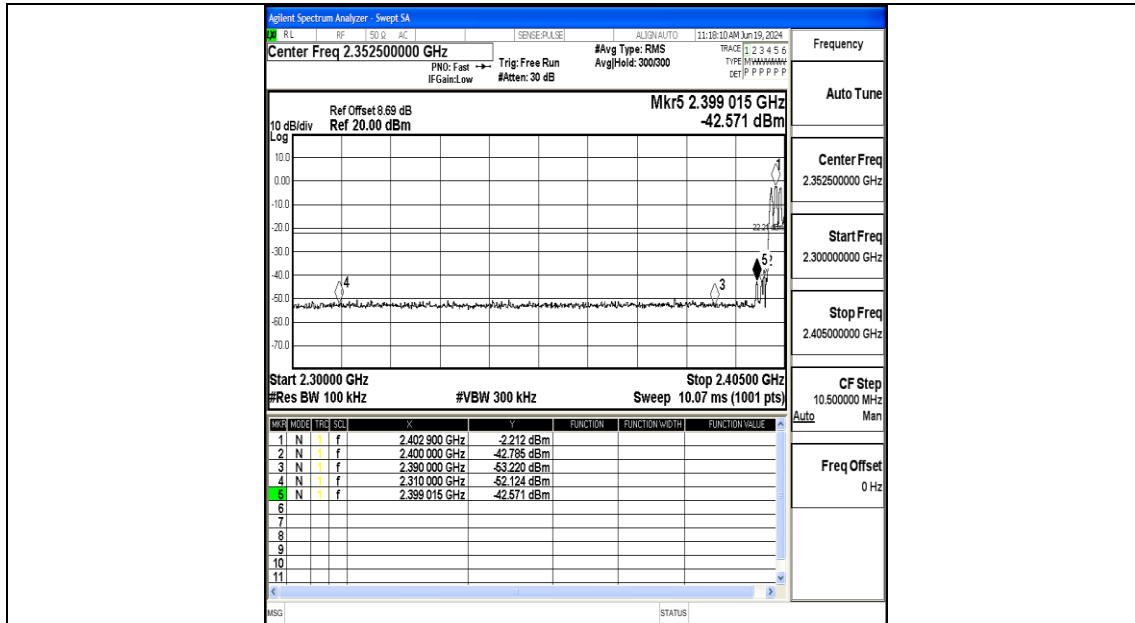
Appendix G: Band edge measurements

Test Result

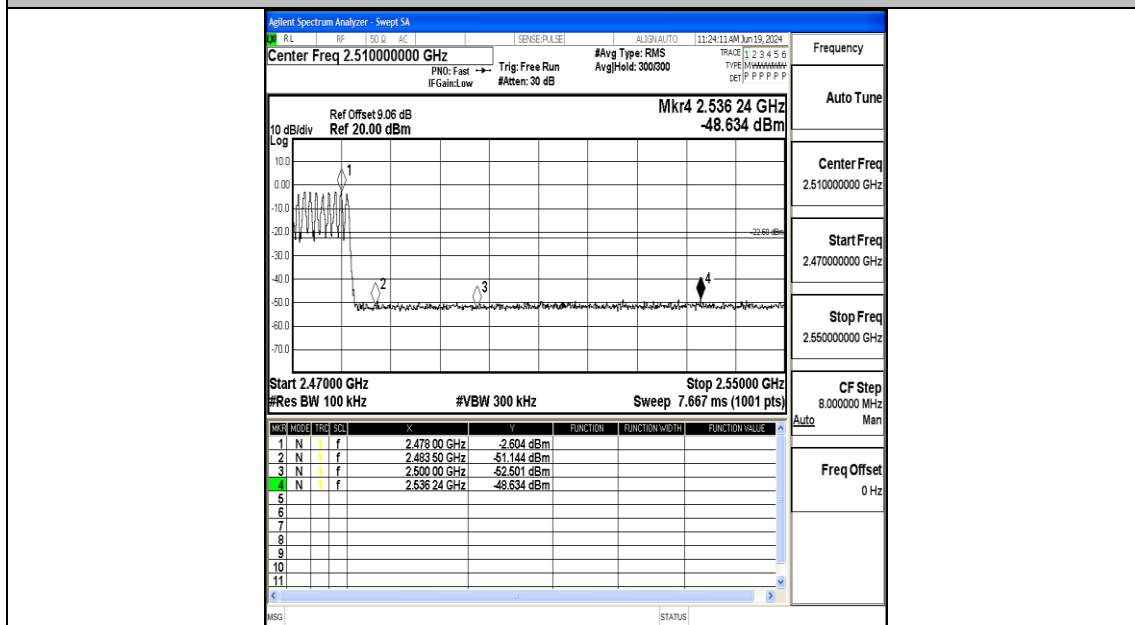
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.71	-40.58	≤ -21.71	PASS
DH5	Ant1	High	2480	-2.60	-48.88	≤ -22.6	PASS
DH5	Ant1	Low	Hop_2402	-2.21	-42.57	≤ -22.21	PASS
DH5	Ant1	High	Hop_2480	-2.60	-48.63	≤ -22.6	PASS
2DH5	Ant1	Low	2402	-1.79	-43	≤ -21.79	PASS
2DH5	Ant1	High	2480	-2.72	-48.86	≤ -22.72	PASS
2DH5	Ant1	Low	Hop_2402	-6.55	-43.59	≤ -26.55	PASS
2DH5	Ant1	High	Hop_2480	-6.60	-49.11	≤ -26.6	PASS

Test Graphs

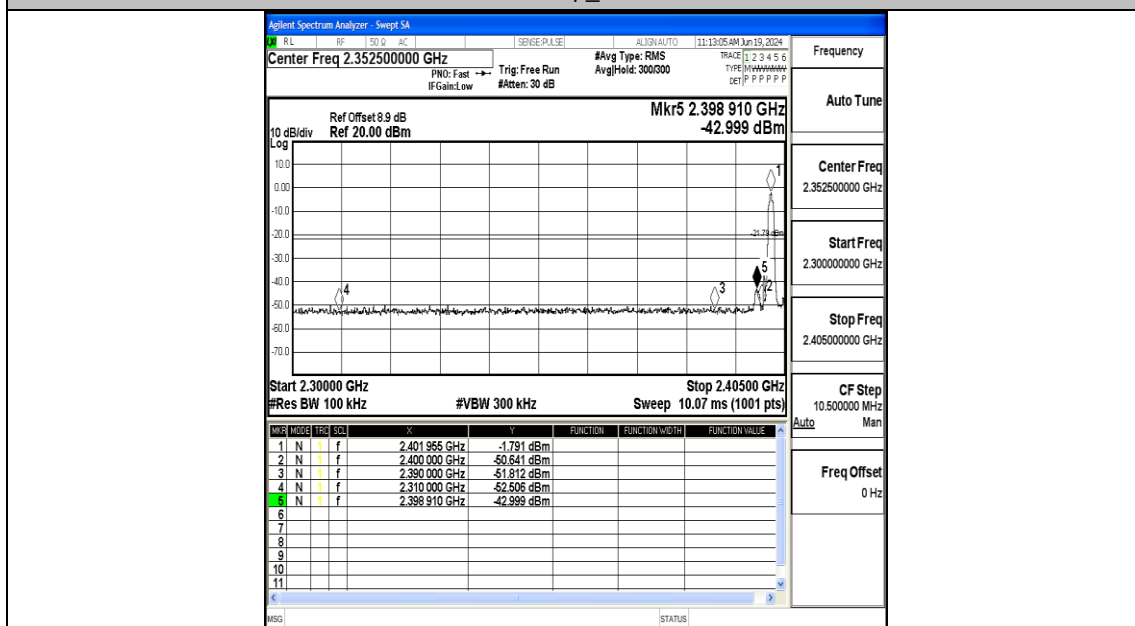




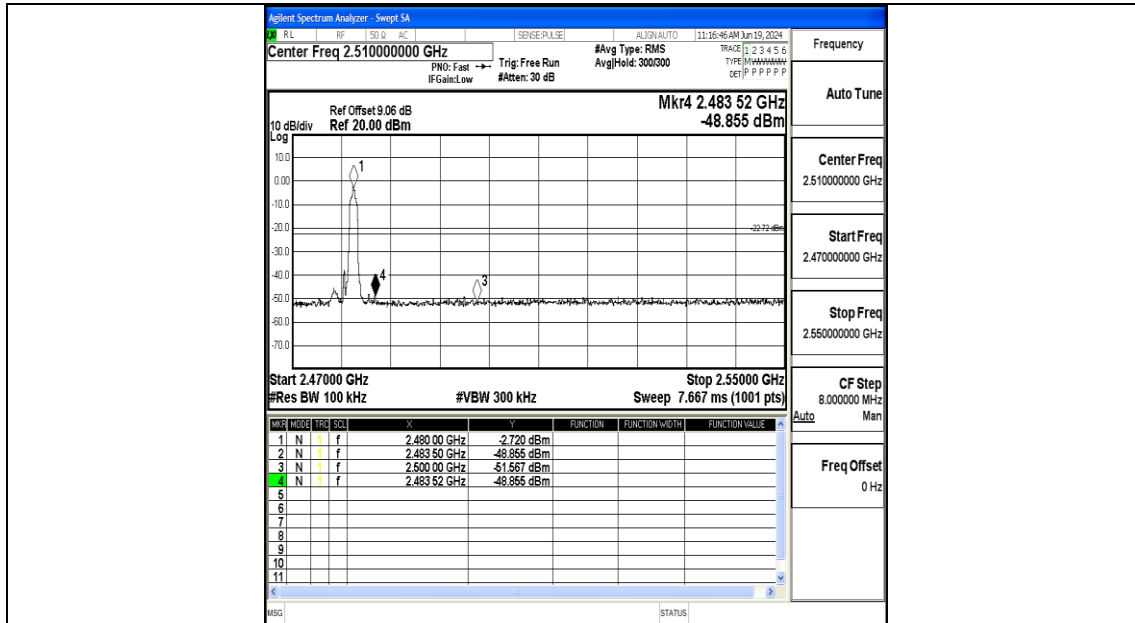
DH5-Ant1-Hop_2402-PASS



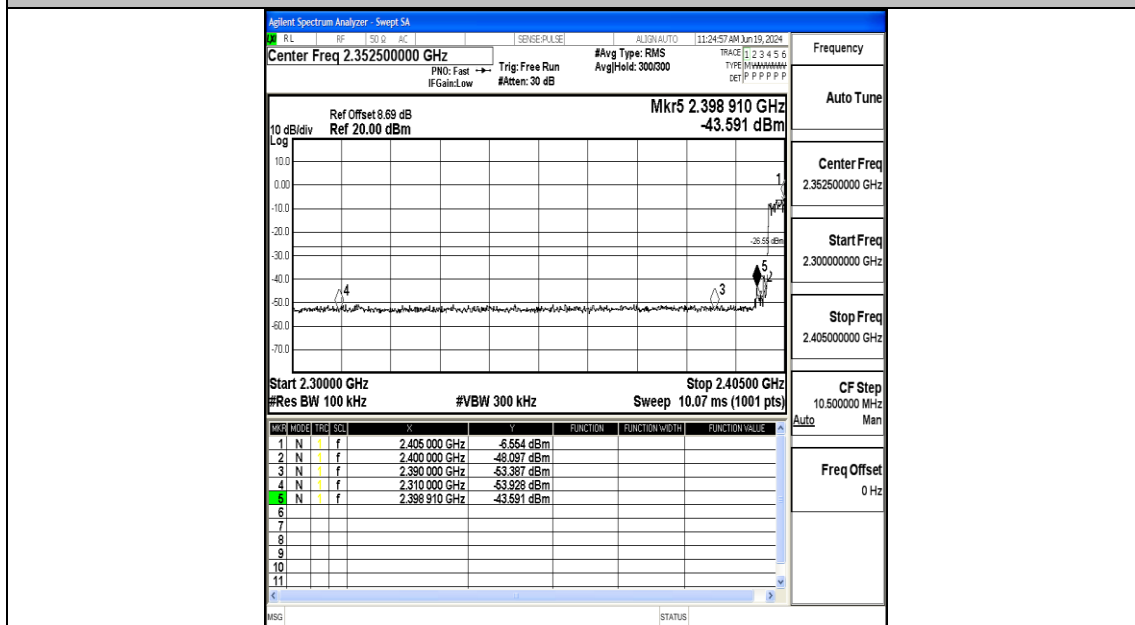
DH5-Ant1-Hop_2480-PASS



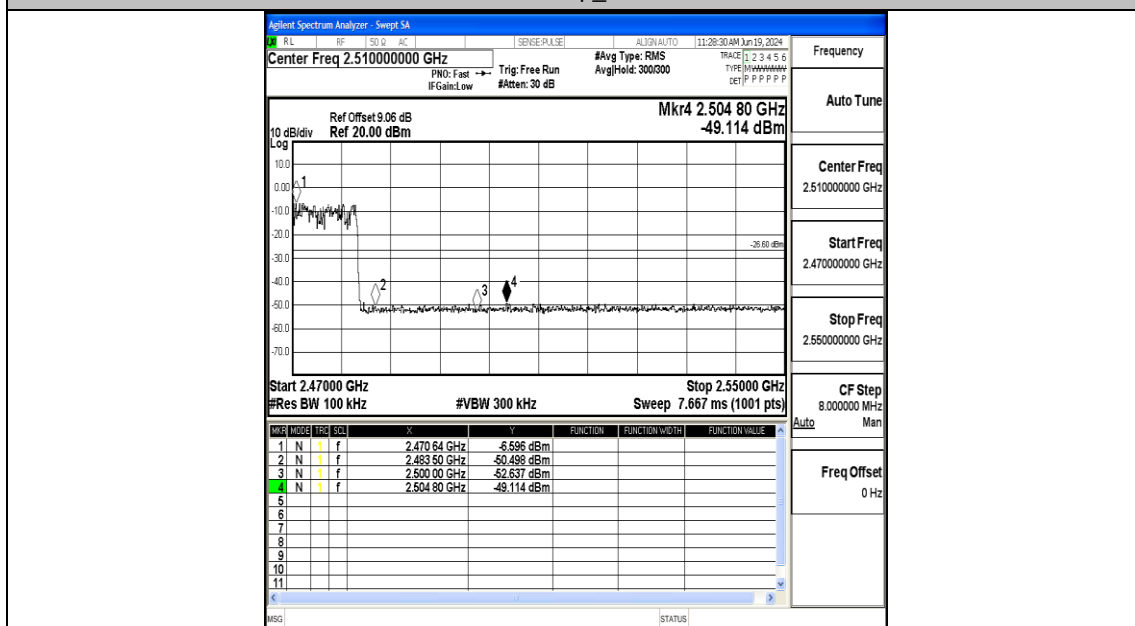
2DH5-Ant1-2402-PASS



2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS



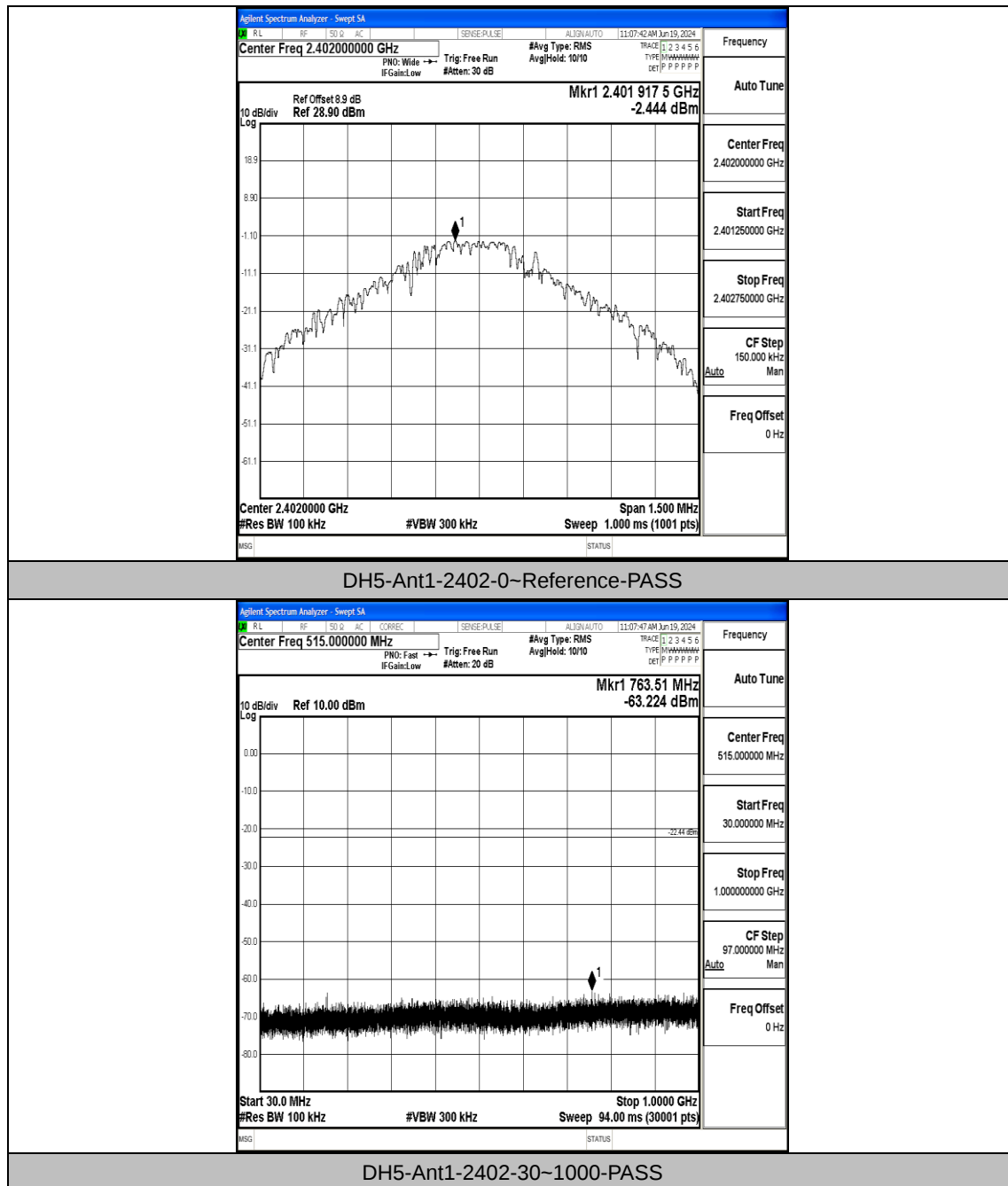
2DH5-Ant1-Hop_2480-PASS

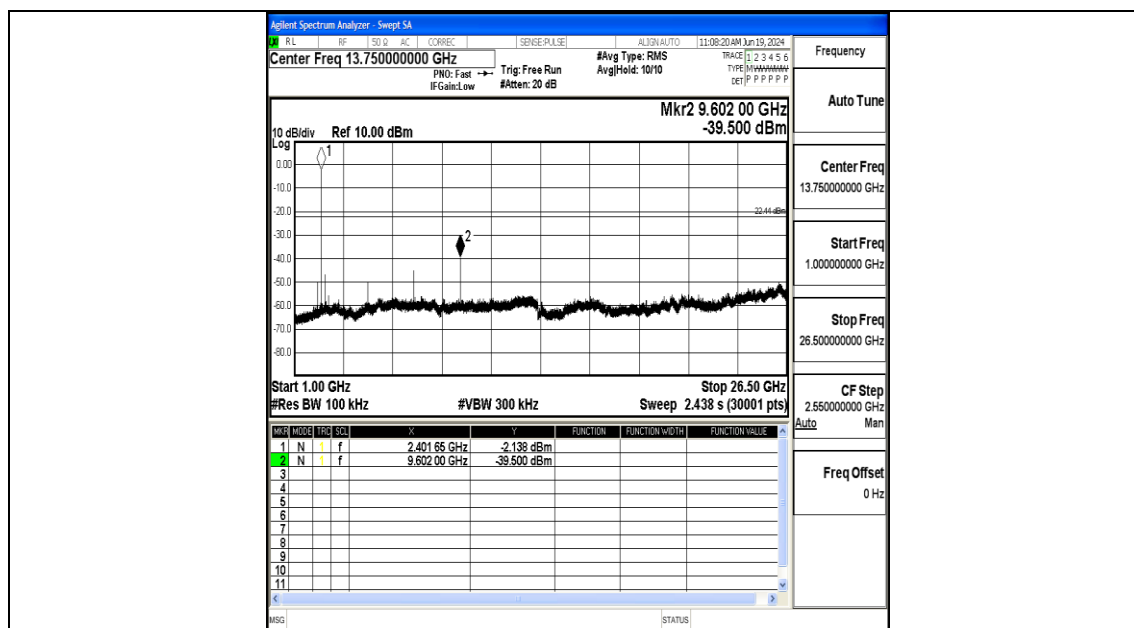
Appendix H: Conducted Spurious Emission

Test Result

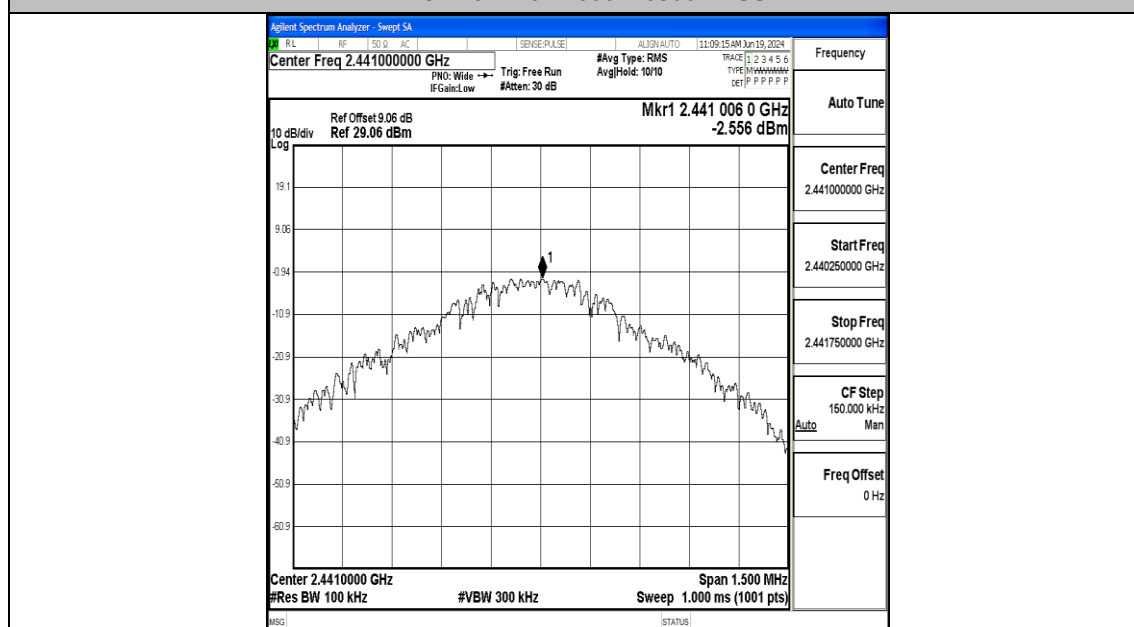
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-2.44	-2.44	---	PASS
DH5	Ant1	2402	30~1000	-2.44	-63.22	≤-22.44	PASS
DH5	Ant1	2402	1000~26500	-2.44	-39.5	≤-22.44	PASS
DH5	Ant1	2441	0~Reference	-2.56	-2.56	---	PASS
DH5	Ant1	2441	30~1000	-2.56	-63.04	≤-22.56	PASS
DH5	Ant1	2441	1000~26500	-2.56	-38.38	≤-22.56	PASS
DH5	Ant1	2480	0~Reference	-2.72	-2.72	---	PASS
DH5	Ant1	2480	30~1000	-2.72	-62.91	≤-22.72	PASS
DH5	Ant1	2480	1000~26500	-2.72	-38.19	≤-22.72	PASS
2DH5	Ant1	2402	0~Reference	-5.20	-5.20	---	PASS
2DH5	Ant1	2402	30~1000	-5.20	-62.99	≤-25.2	PASS
2DH5	Ant1	2402	1000~26500	-5.20	-39.17	≤-25.2	PASS
2DH5	Ant1	2441	0~Reference	-3.94	-3.94	---	PASS
2DH5	Ant1	2441	30~1000	-3.94	-62.98	≤-23.94	PASS
2DH5	Ant1	2441	1000~26500	-3.94	-38.34	≤-23.94	PASS
2DH5	Ant1	2480	0~Reference	-7.13	-7.13	---	PASS
2DH5	Ant1	2480	30~1000	-7.13	-62.25	≤-27.13	PASS
2DH5	Ant1	2480	1000~26500	-7.13	-38.18	≤-27.13	PASS

Test Graphs

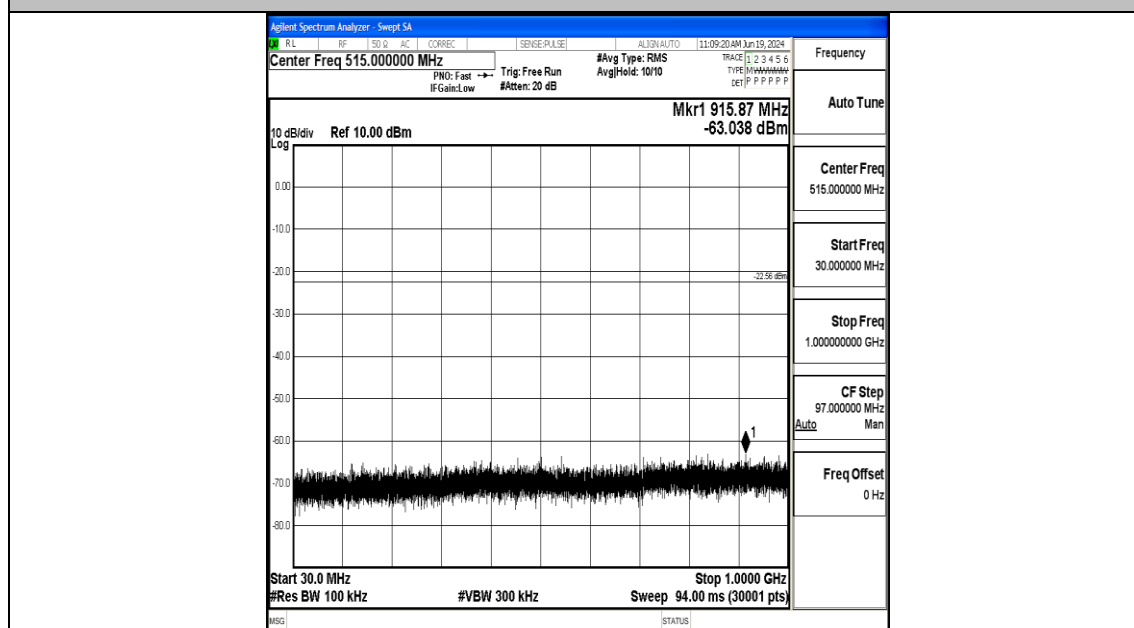




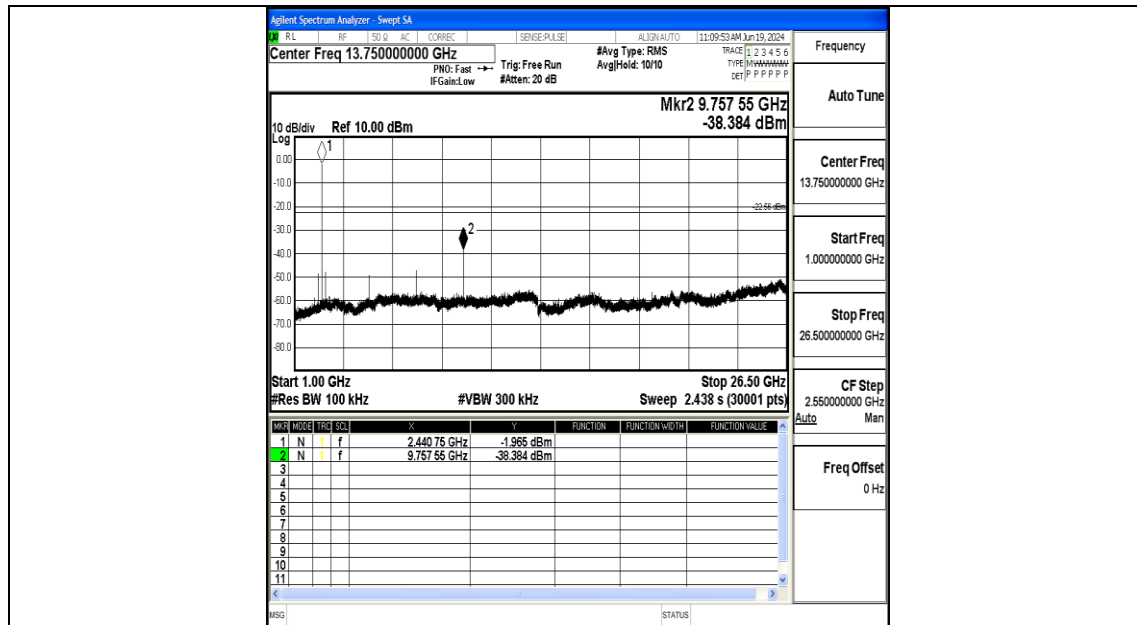
DH5-Ant1-2402-1000~26500-PASS



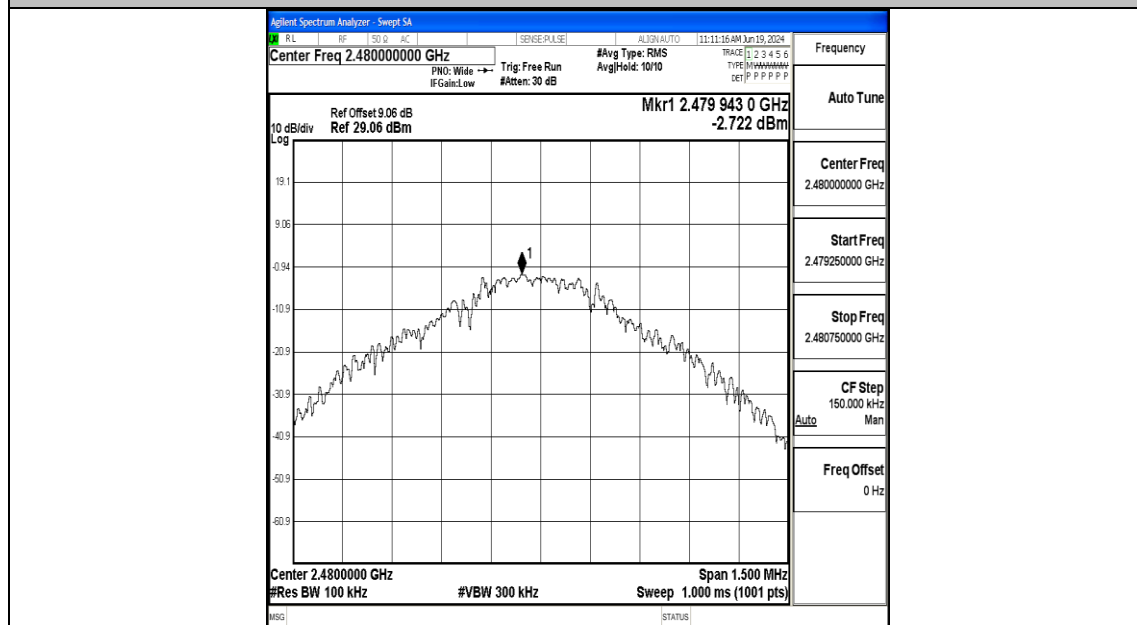
DH5-Ant1-2441-0~Reference-PASS



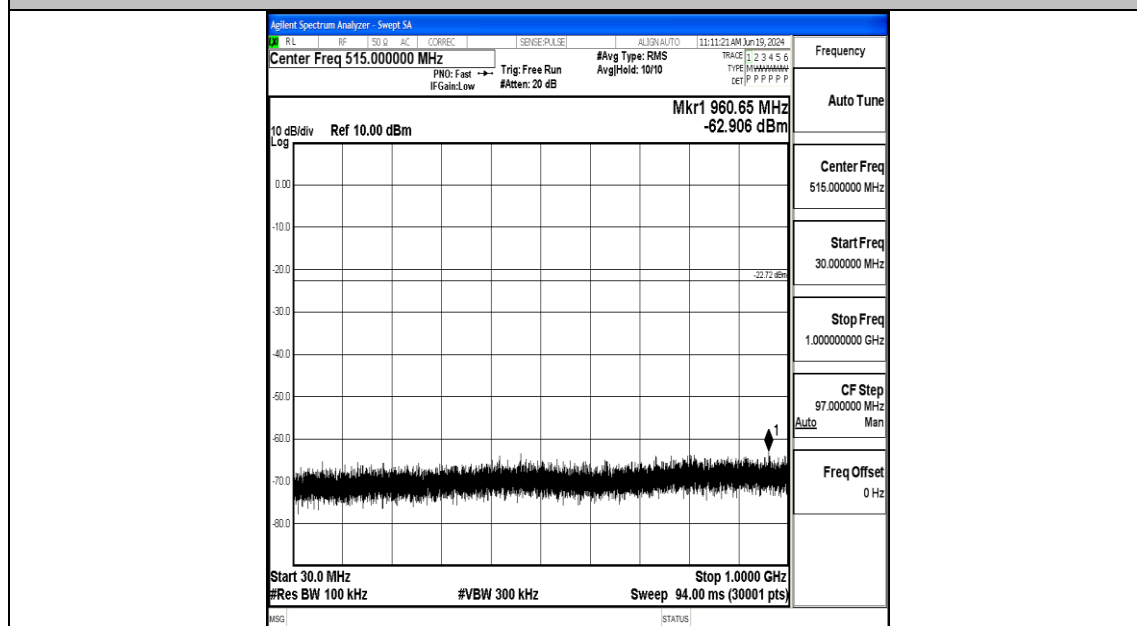
DH5-Ant1-2441-30~1000-PASS



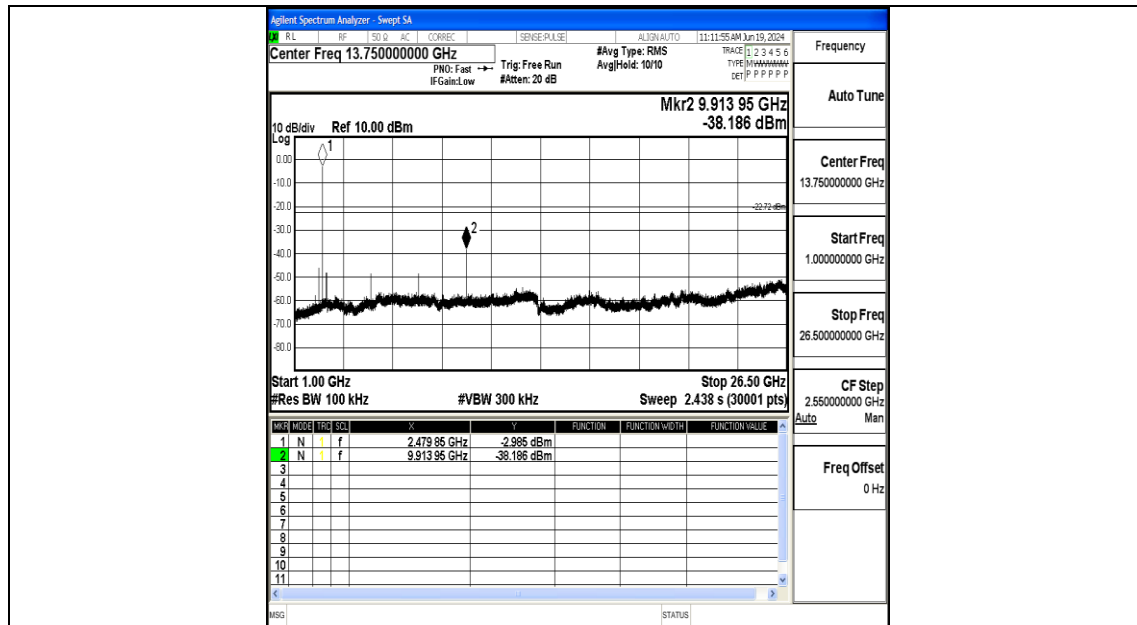
DH5-Ant1-2441-1000~26500-PASS



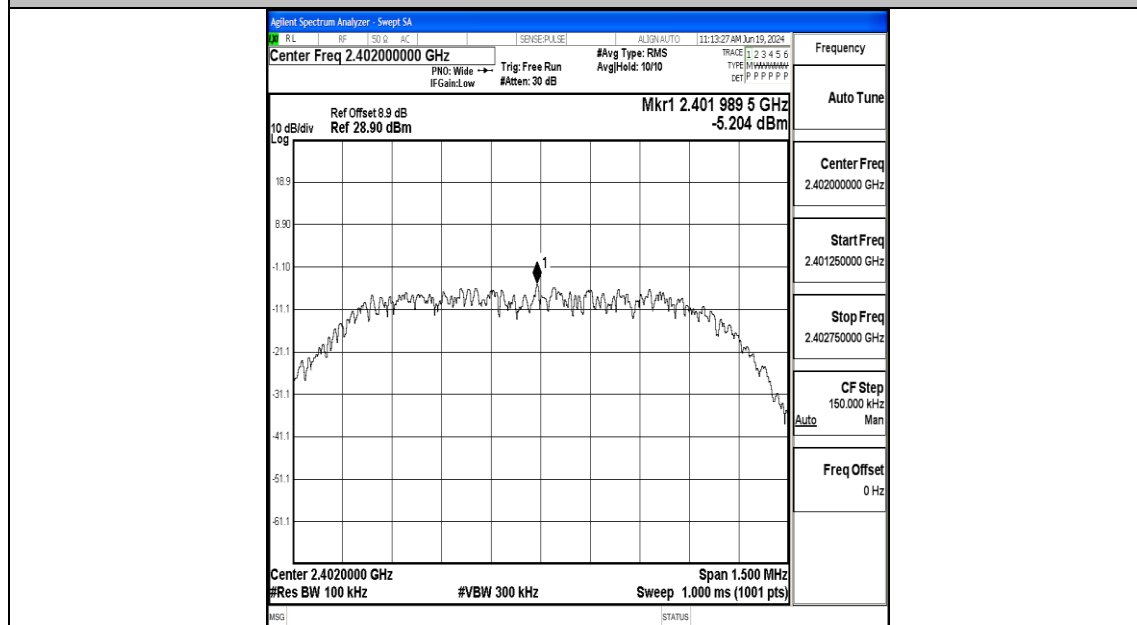
DH5-Ant1-2480-0~Reference-PASS



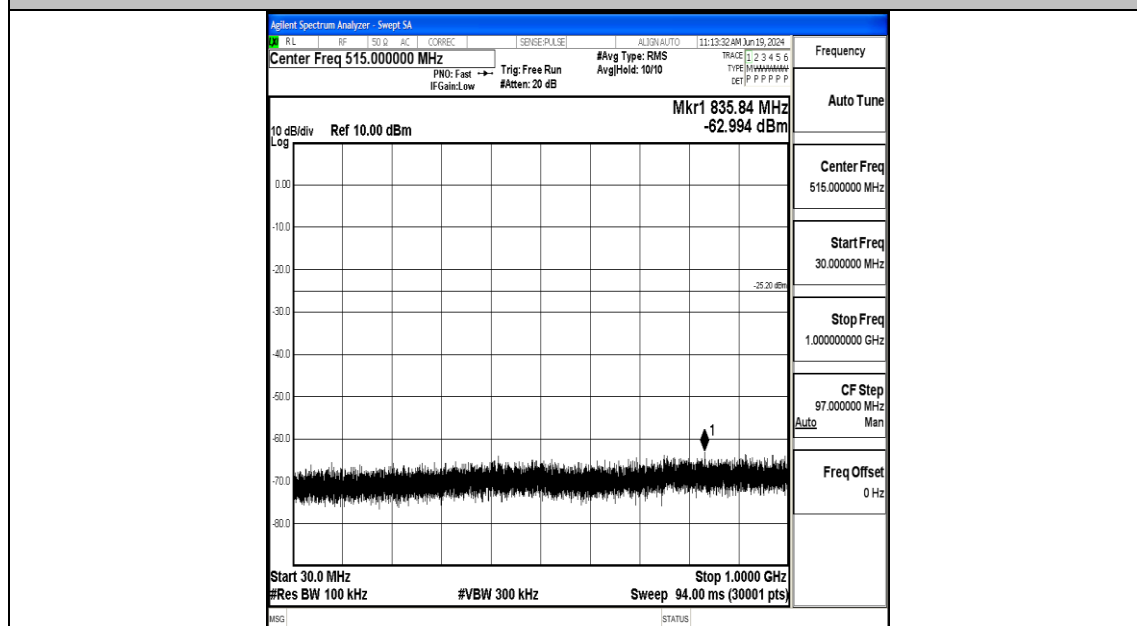
DH5-Ant1-2480-30~1000-PASS



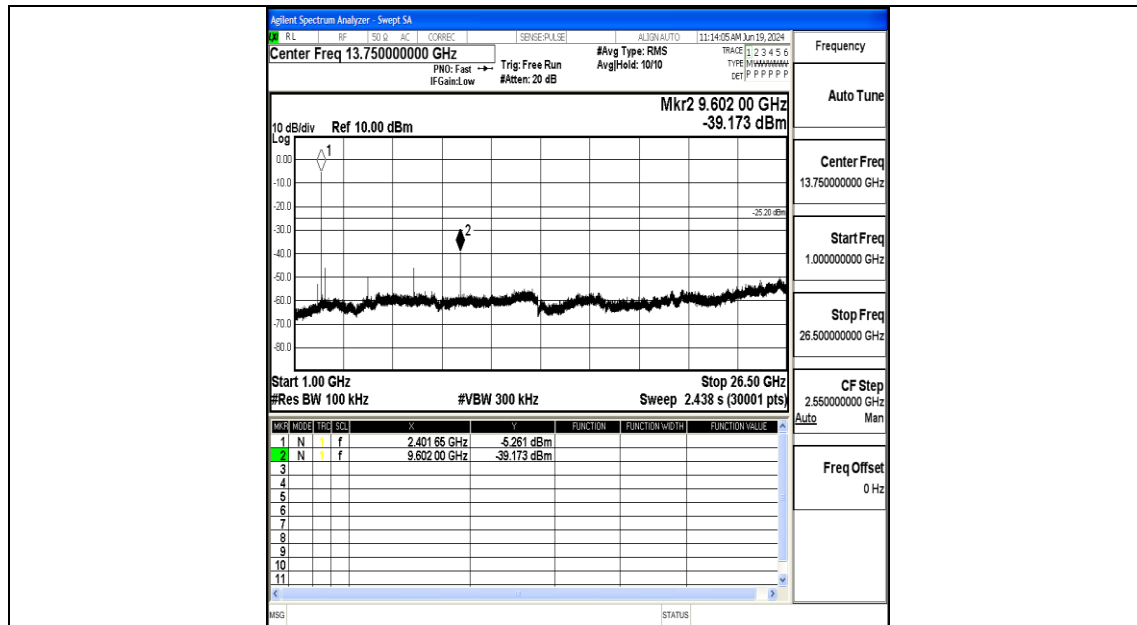
DH5-Ant1-2480-1000~26500-PASS



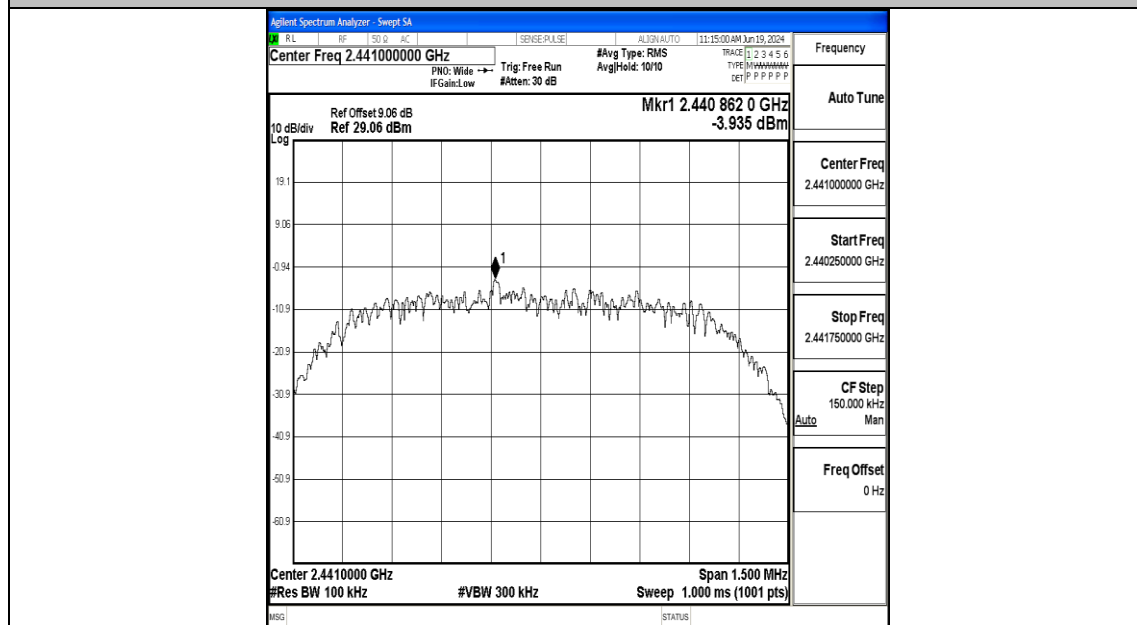
2DH5-Ant1-2402-0~Reference-PASS



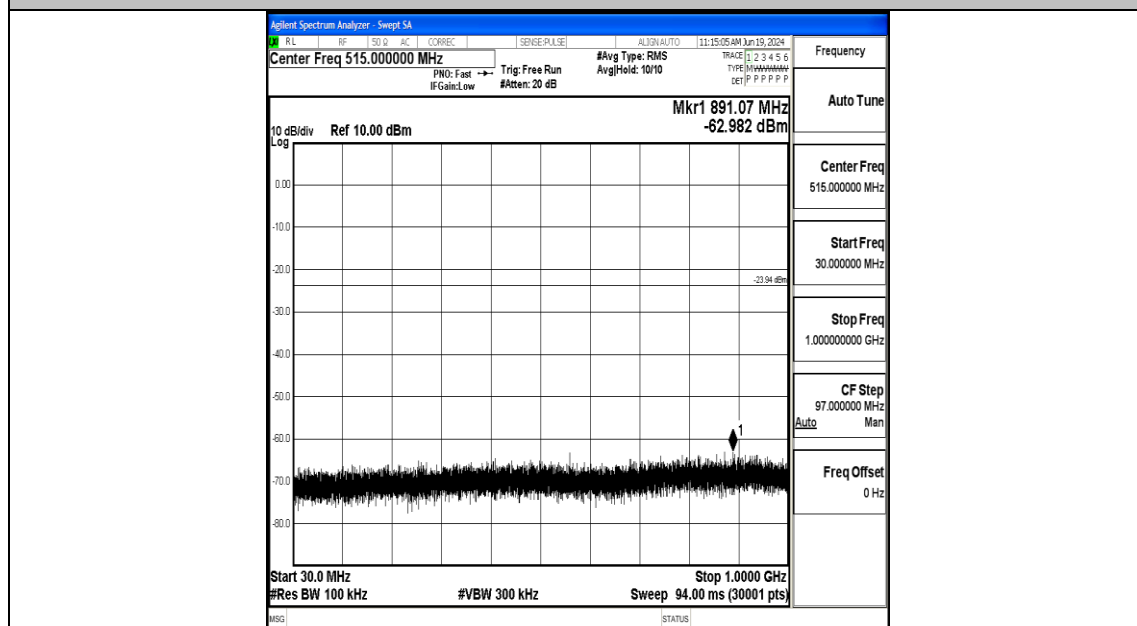
2DH5-Ant1-2402-30~1000-PASS



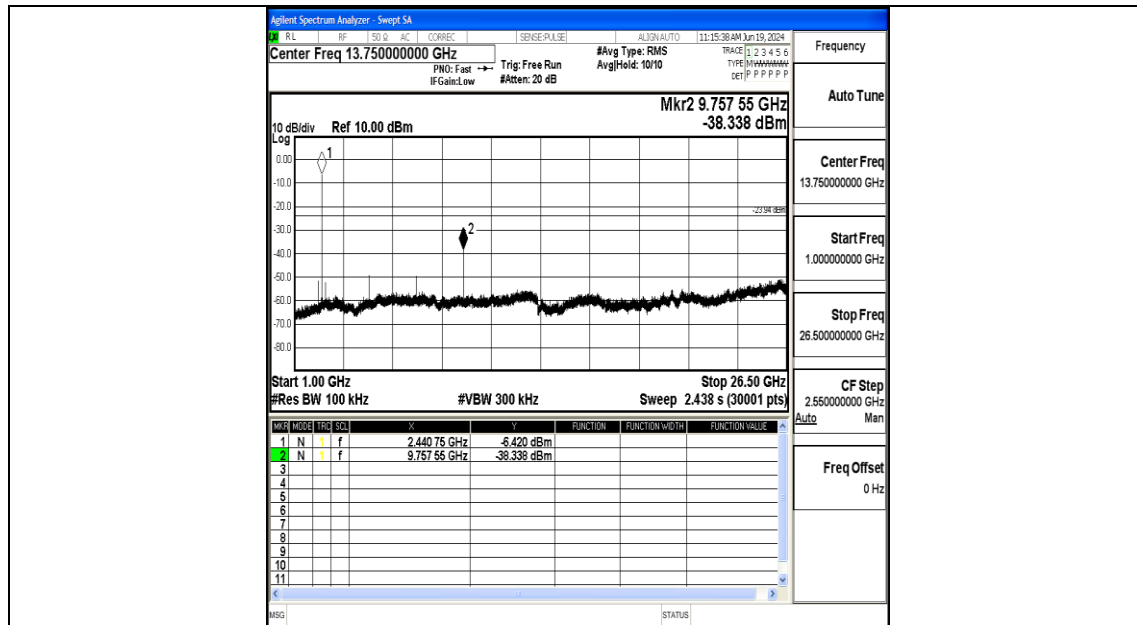
2DH5-Ant1-2402-1000~26500-PASS



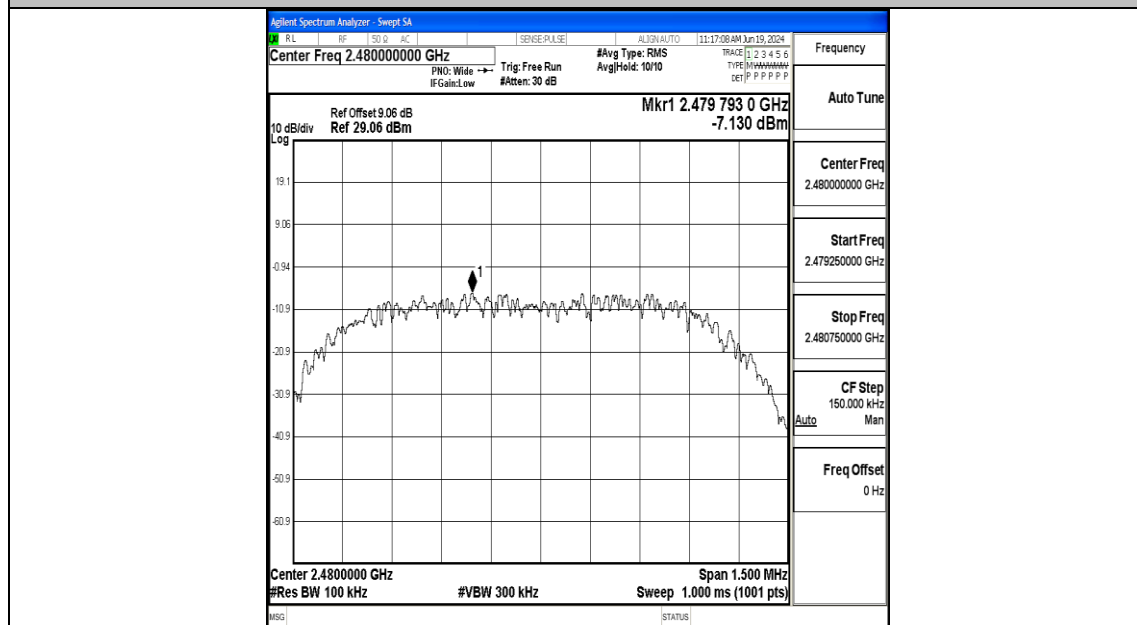
2DH5-Ant1-2441-0~Reference-PASS



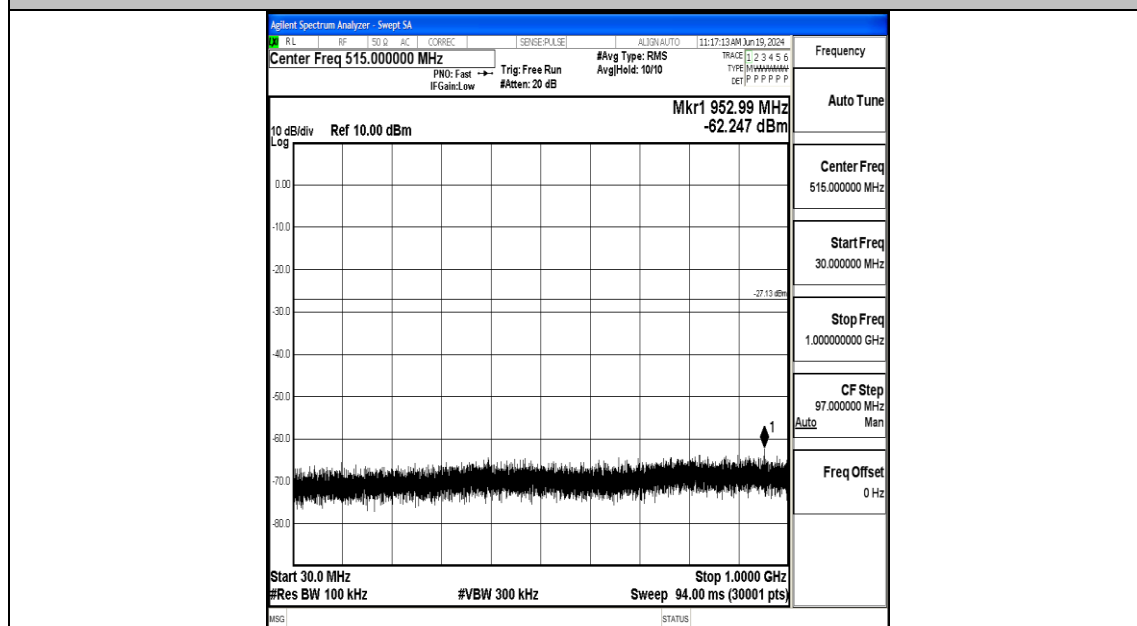
2DH5-Ant1-2441-30~1000-PASS



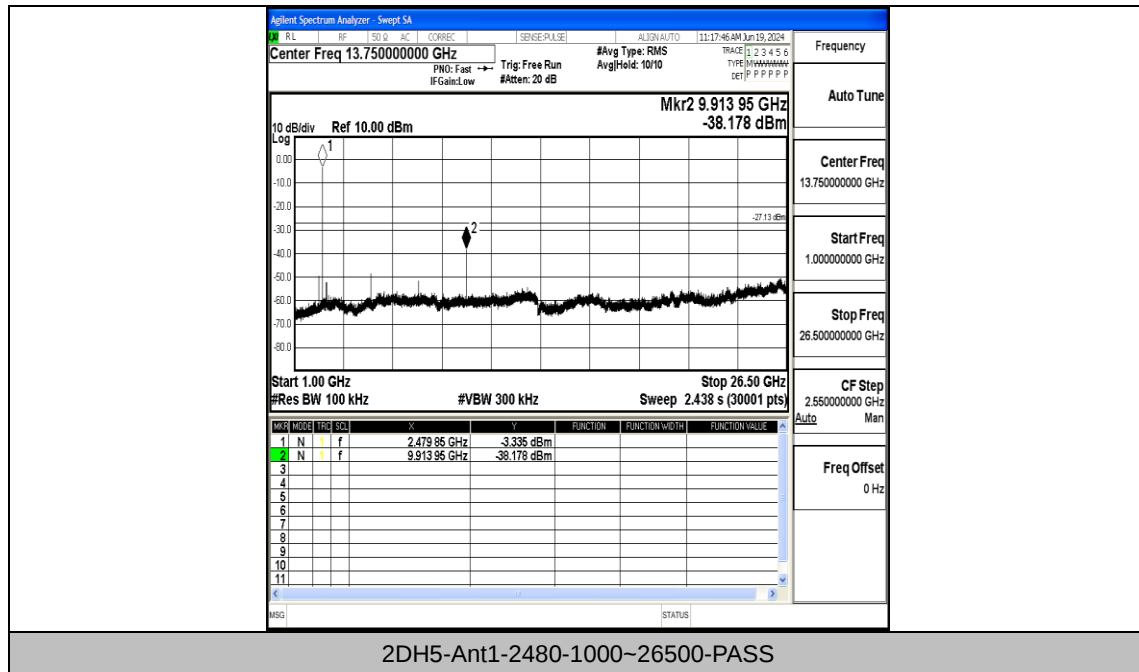
2DH5-Ant1-2441-1000~26500-PASS



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	2.90	3.76	77.13	1.13
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	0.00	0.86	100	∞
2DH5	Ant1	2402	0.00	0.85	100	∞
2DH5	Ant1	2441	0.00	0.85	100	∞
2DH5	Ant1	2480	2.90	3.74	77.54	1.10

Test Graphs

