

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

Product Name: Wireless Bluetooth headset

Trade Mark: N/A

Test Model: DM06

FCC ID: 2BHGK-DM06

Environmental Conditions

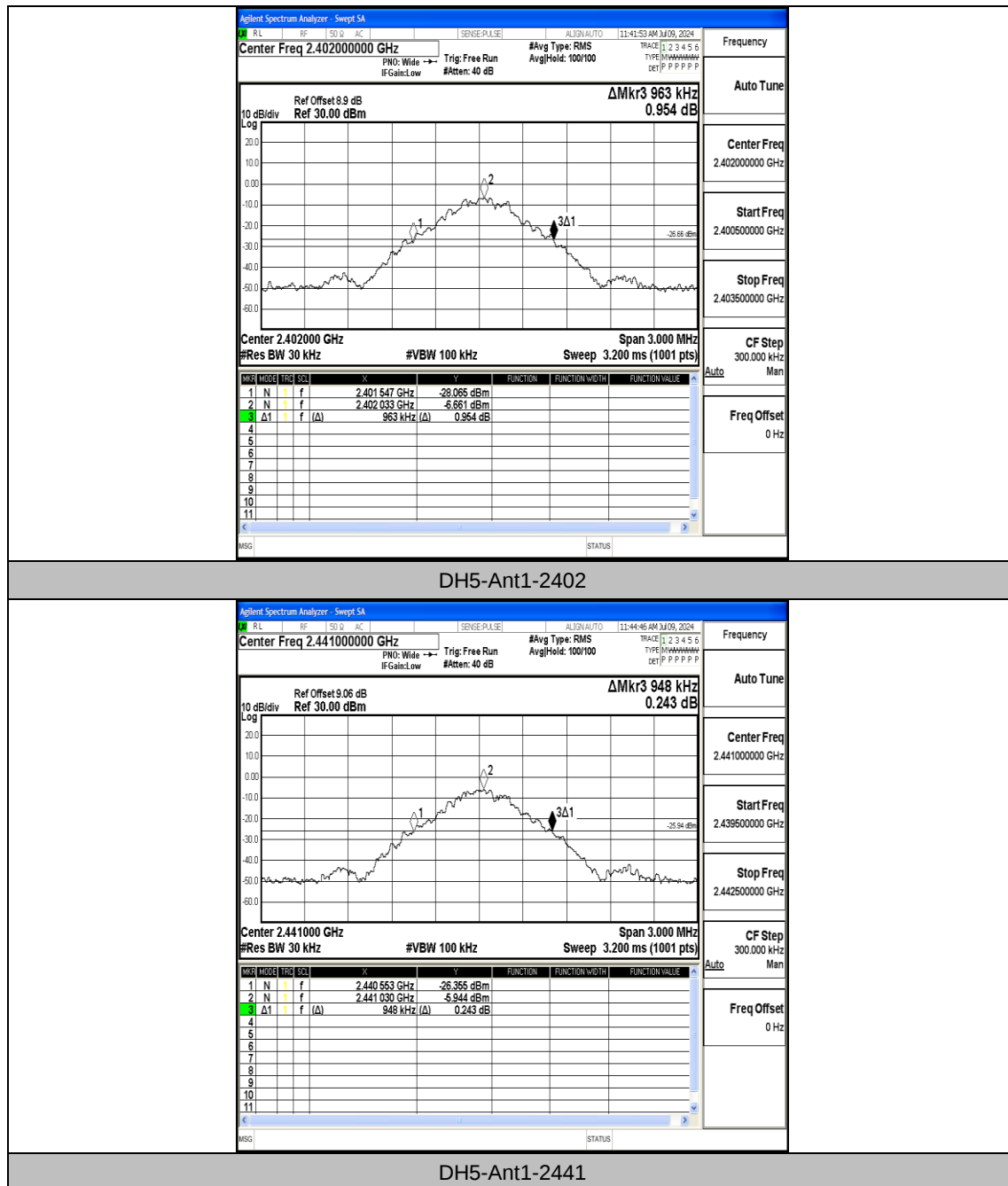
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

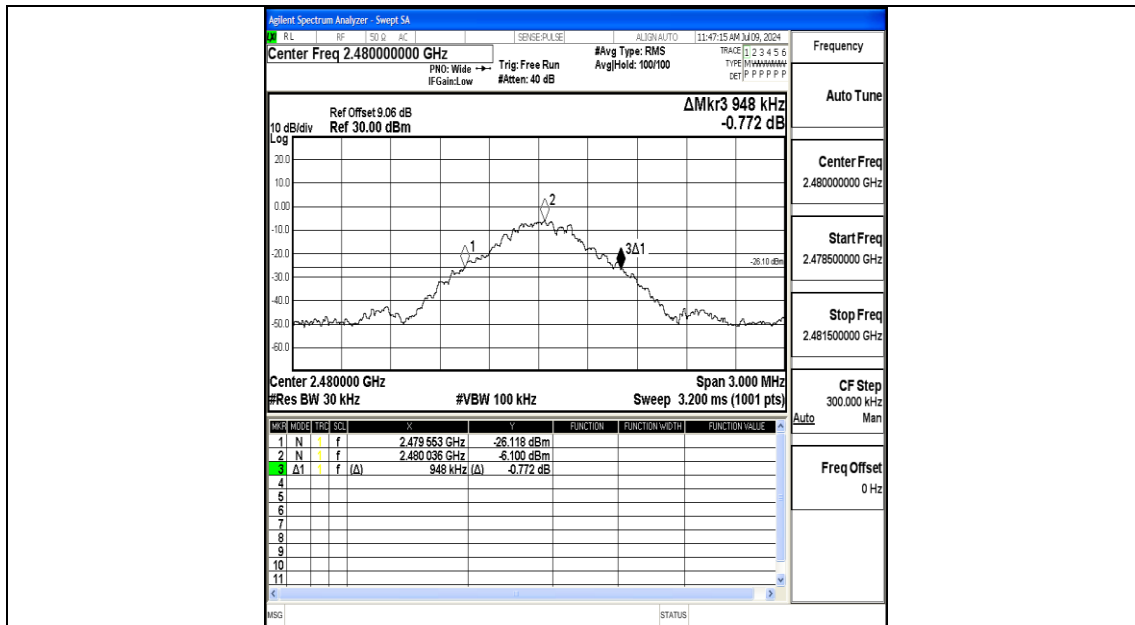
Appendix A: 20dB Emission Bandwidth

Test Result

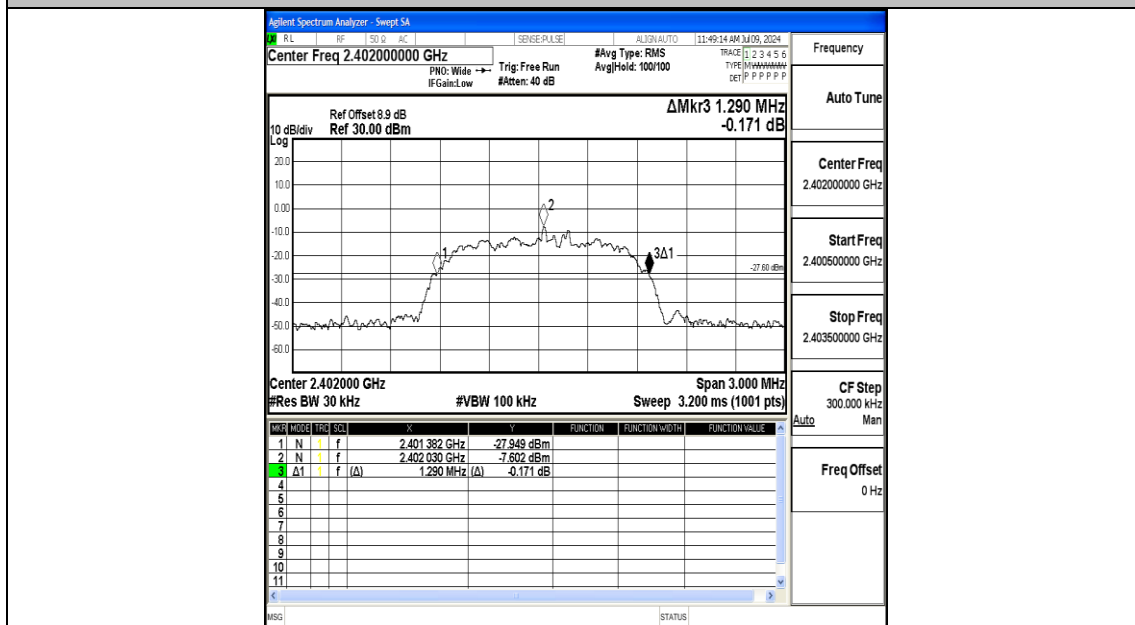
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.963	2401.547	2402.510	---	---
DH5	Ant1	2441	0.948	2440.553	2441.501	---	---
DH5	Ant1	2480	0.948	2479.553	2480.501	---	---
2DH5	Ant1	2402	1.290	2401.382	2402.672	---	---
2DH5	Ant1	2441	1.290	2440.382	2441.672	---	---
2DH5	Ant1	2480	1.323	2479.349	2480.672	---	---
3DH5	Ant1	2402	1.299	2401.370	2402.669	---	---
3DH5	Ant1	2441	1.299	2440.376	2441.675	---	---
3DH5	Ant1	2480	1.314	2479.367	2480.681	---	---

Test Graphs

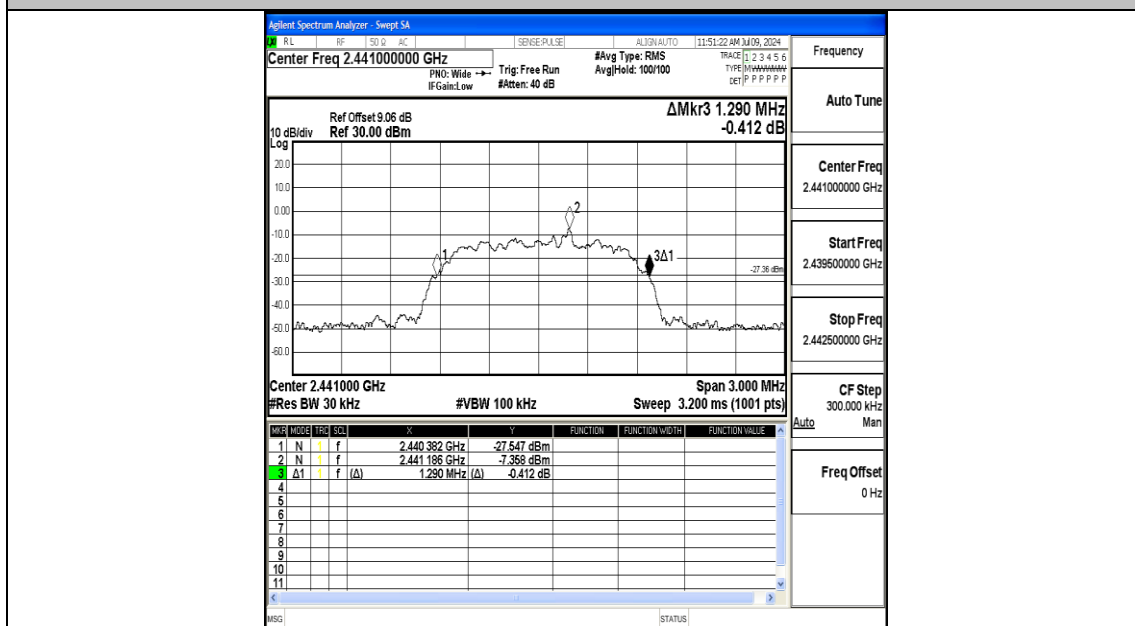




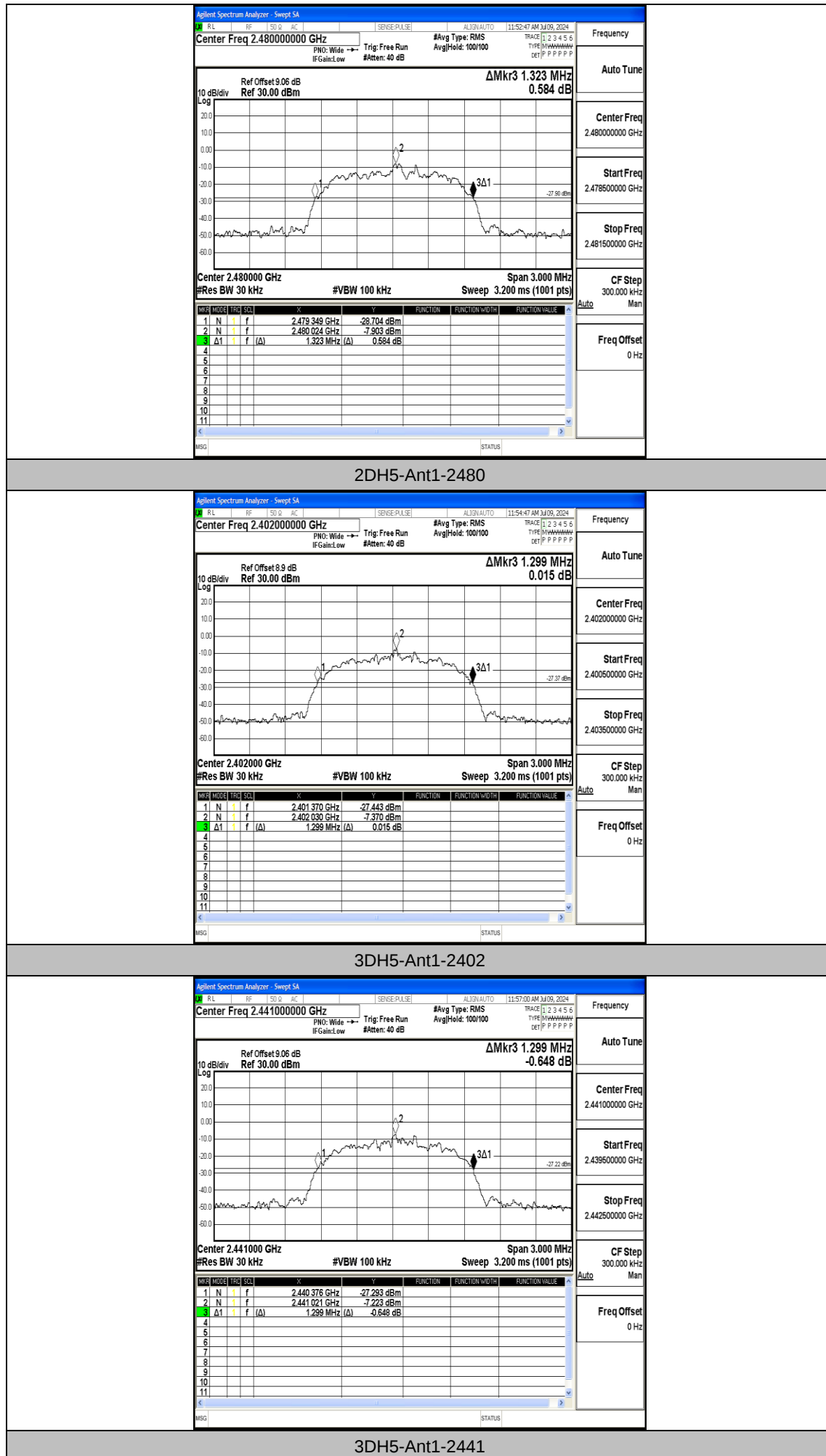
DH5-Ant1-2480

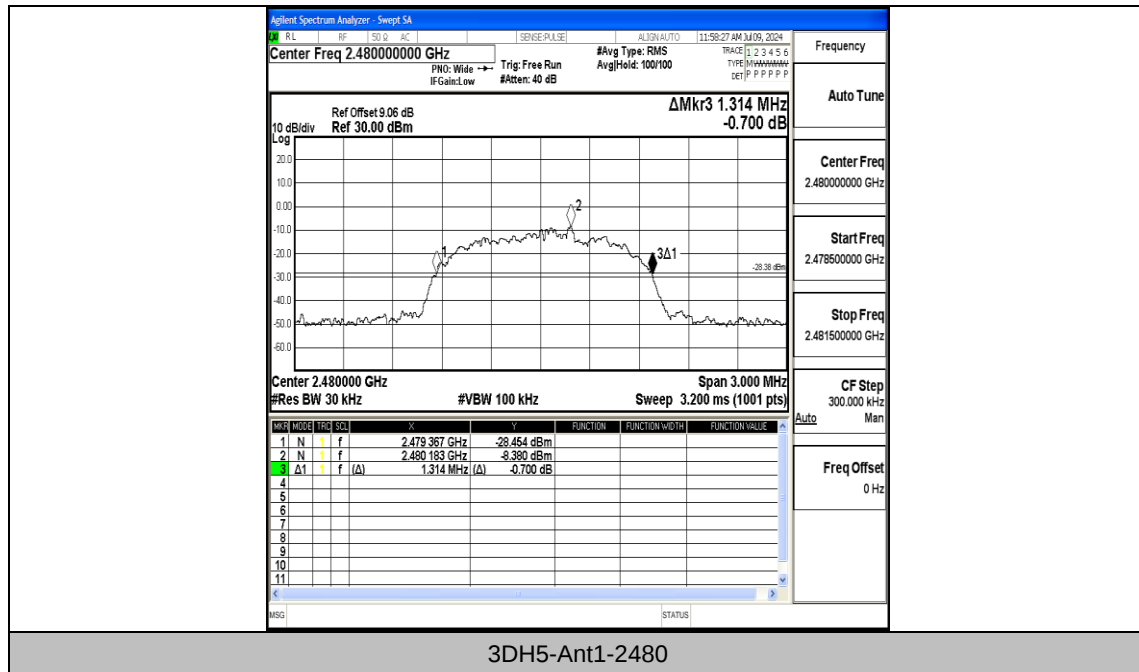


2DH5-Ant1-2402



2DH5-Ant1-2441



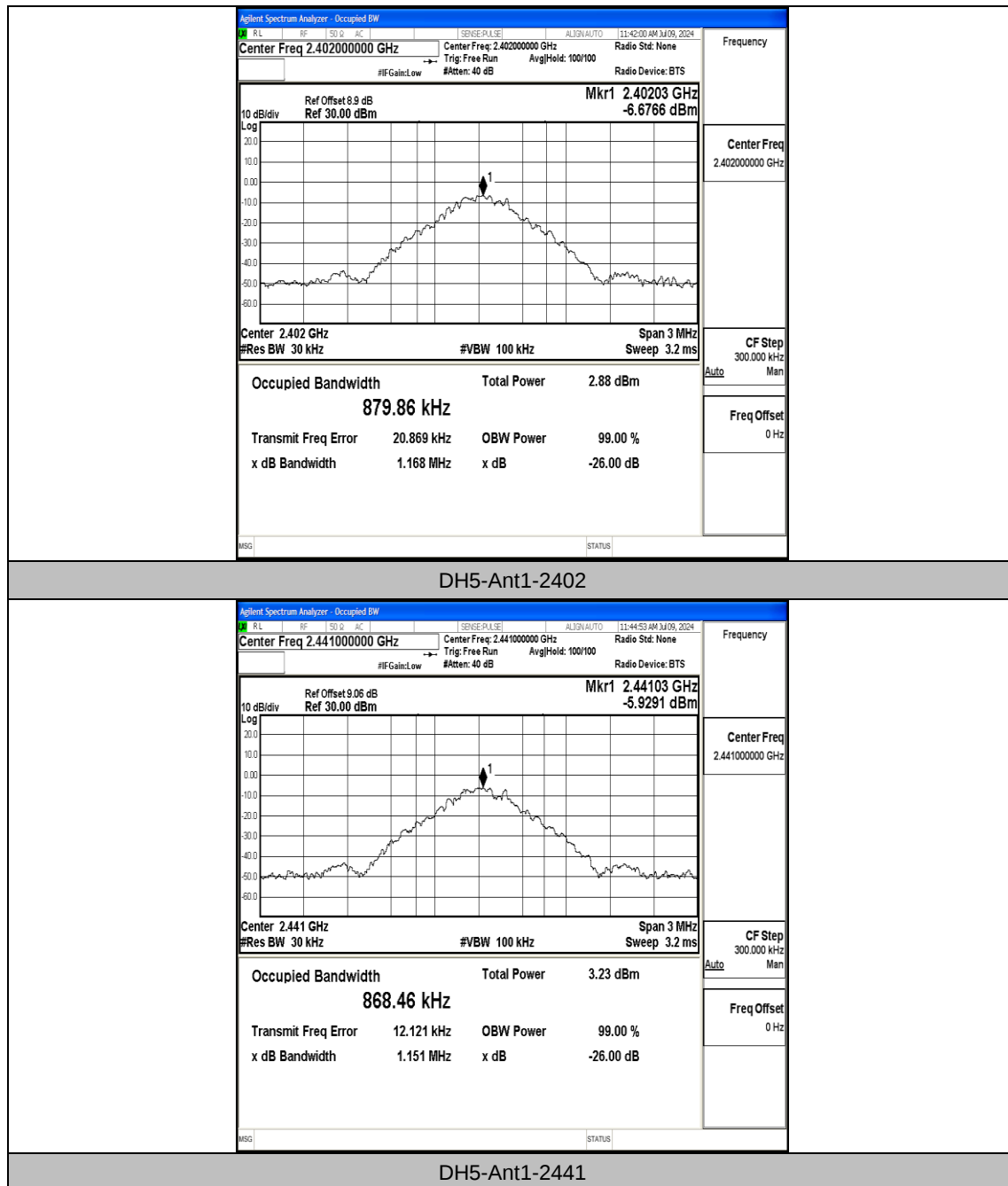


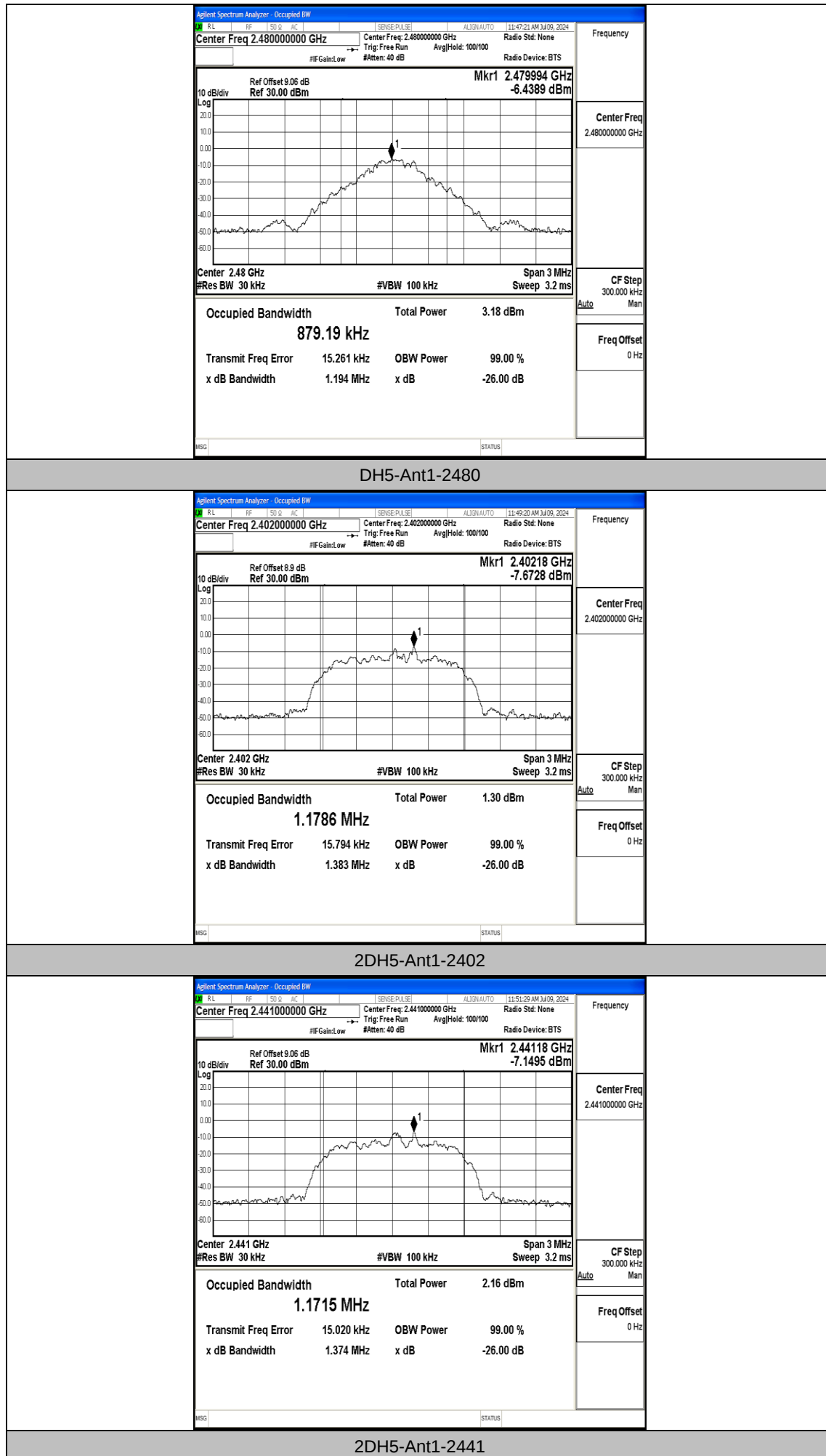
Appendix B: Occupied Channel Bandwidth

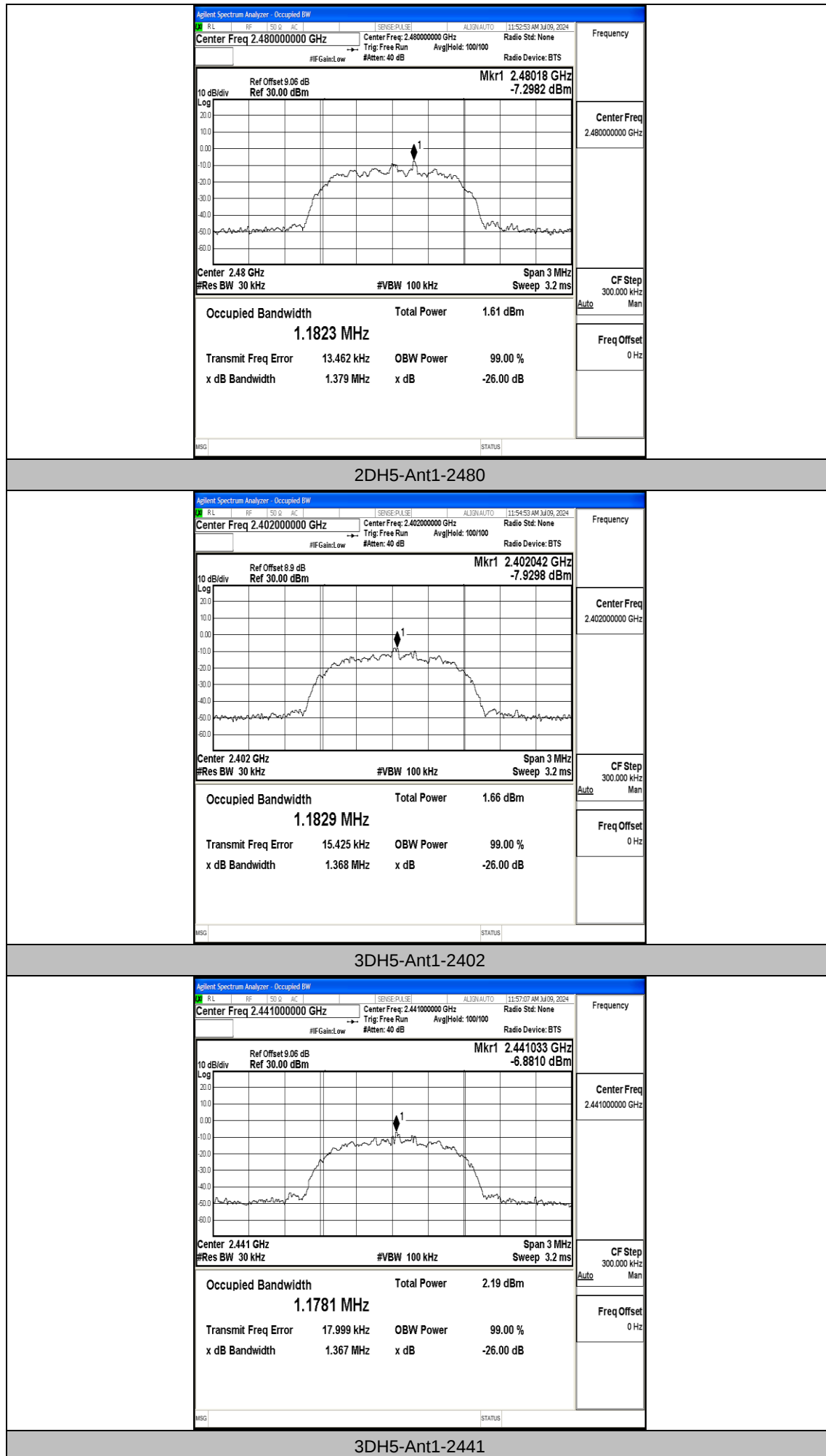
Test Result

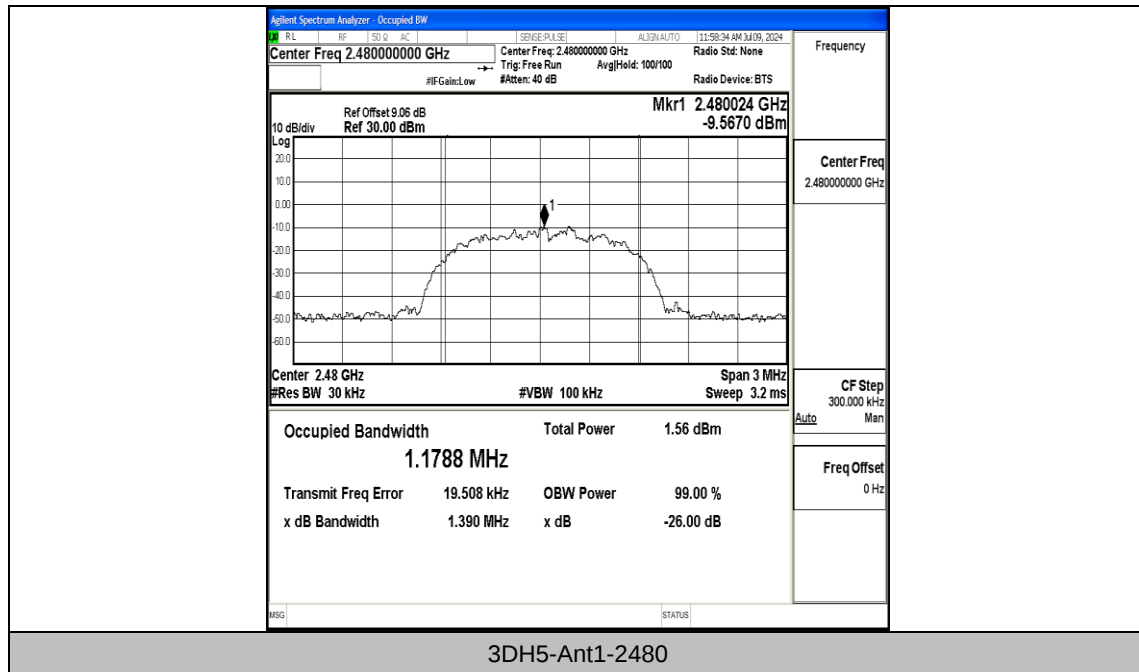
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87986	2401.5809	2402.4608	---	---
DH5	Ant1	2441	0.86846	2440.5779	2441.4464	---	---
DH5	Ant1	2480	0.87919	2479.5757	2480.4549	---	---
2DH5	Ant1	2402	1.1786	2401.4265	2402.6051	---	---
2DH5	Ant1	2441	1.1715	2440.4293	2441.6008	---	---
2DH5	Ant1	2480	1.1823	2479.4223	2480.6046	---	---
3DH5	Ant1	2402	1.1829	2401.4240	2402.6069	---	---
3DH5	Ant1	2441	1.1781	2440.4290	2441.6071	---	---
3DH5	Ant1	2480	1.1788	2479.4301	2480.6089	---	---

Test Graphs







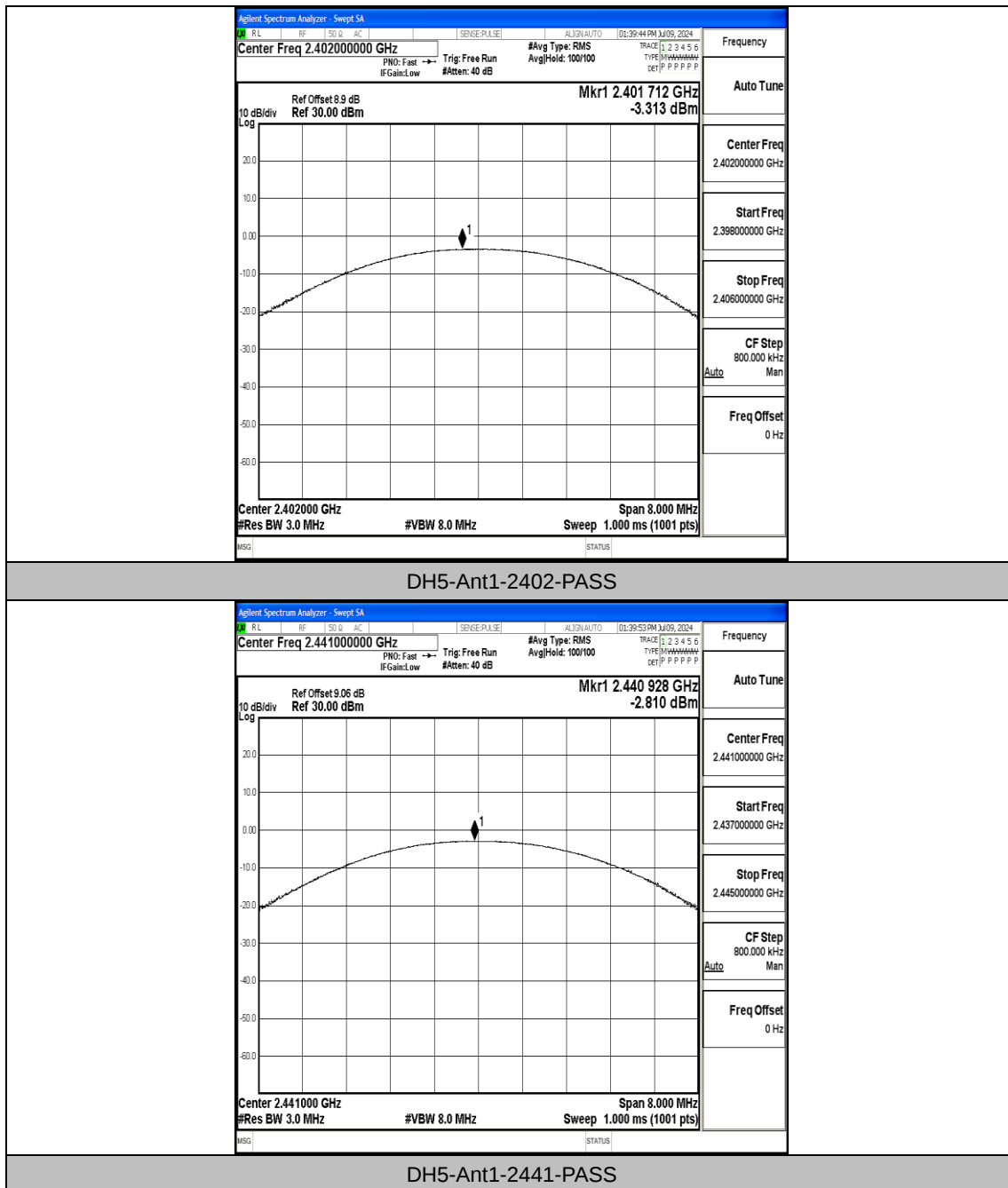


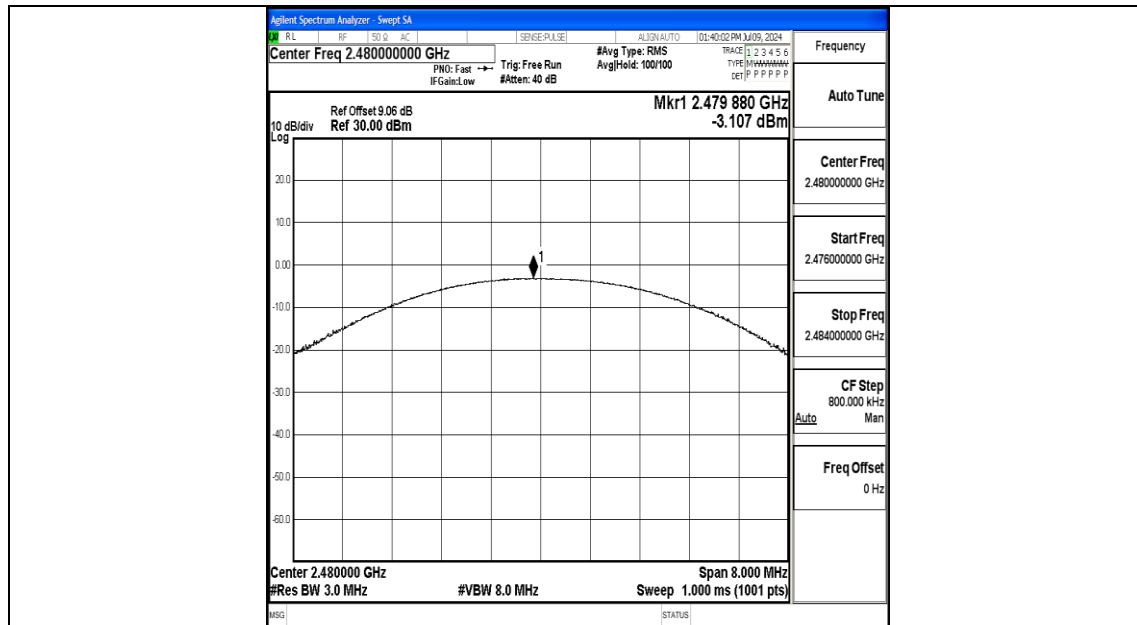
Appendix C: Maximum peak conducted output power

Test Result

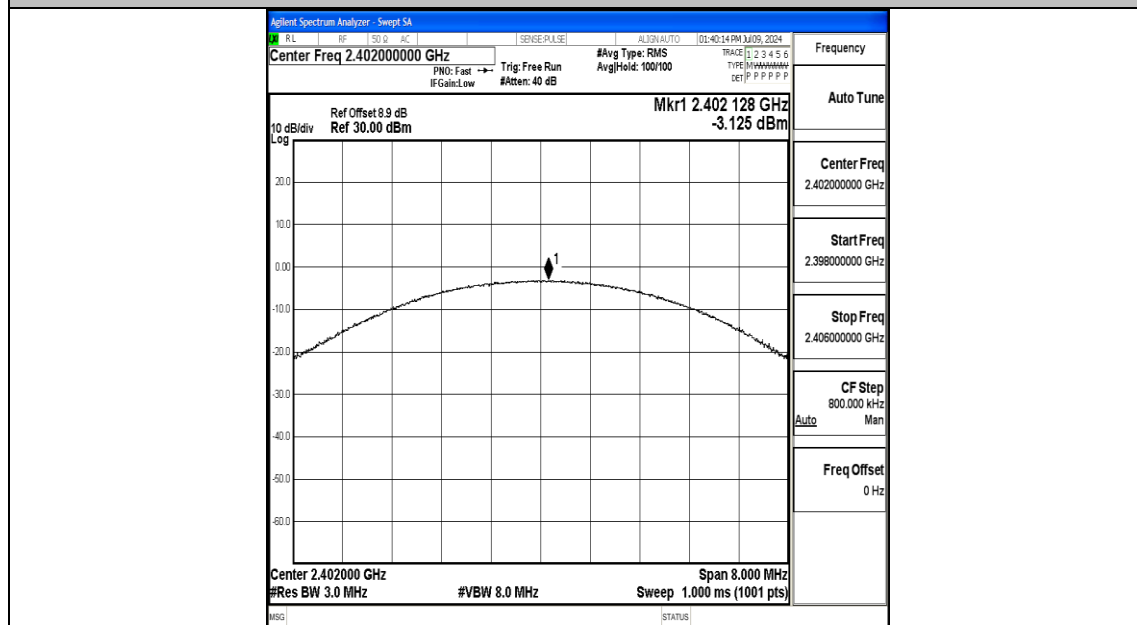
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-3.31	≤30	PASS
DH5	Ant1	2441	-2.81	≤30	PASS
DH5	Ant1	2480	-3.11	≤30	PASS
2DH5	Ant1	2402	-3.13	≤20.97	PASS
2DH5	Ant1	2441	-2.65	≤20.97	PASS
2DH5	Ant1	2480	-2.82	≤20.97	PASS
3DH5	Ant1	2402	-2.50	≤20.97	PASS
3DH5	Ant1	2441	-2.05	≤20.97	PASS
3DH5	Ant1	2480	-2.33	≤20.97	PASS

Test Graphs

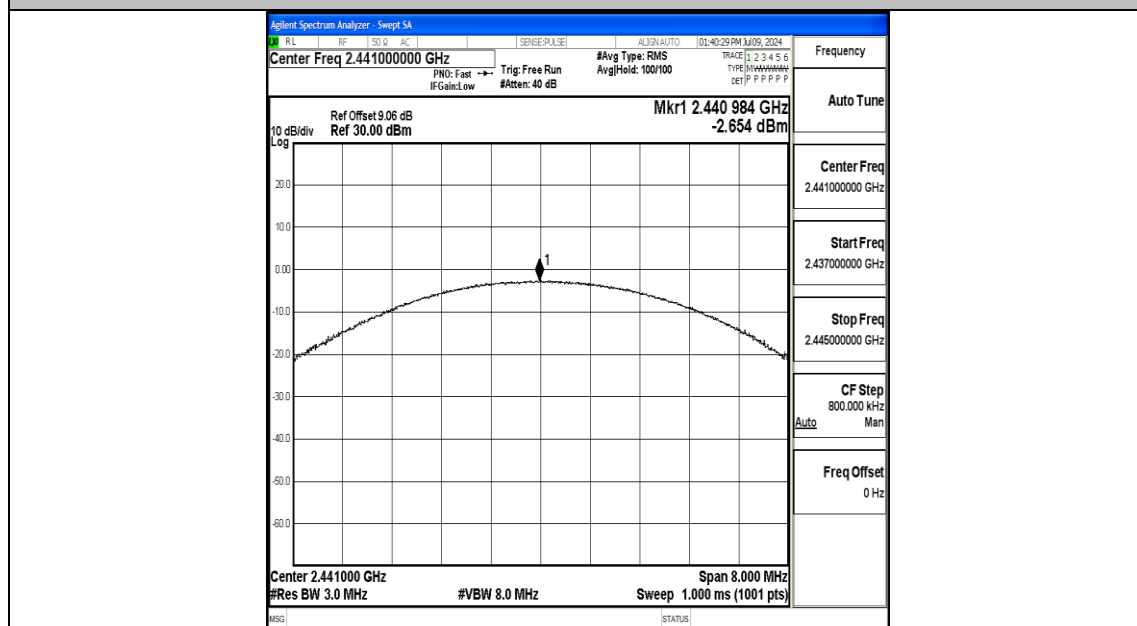




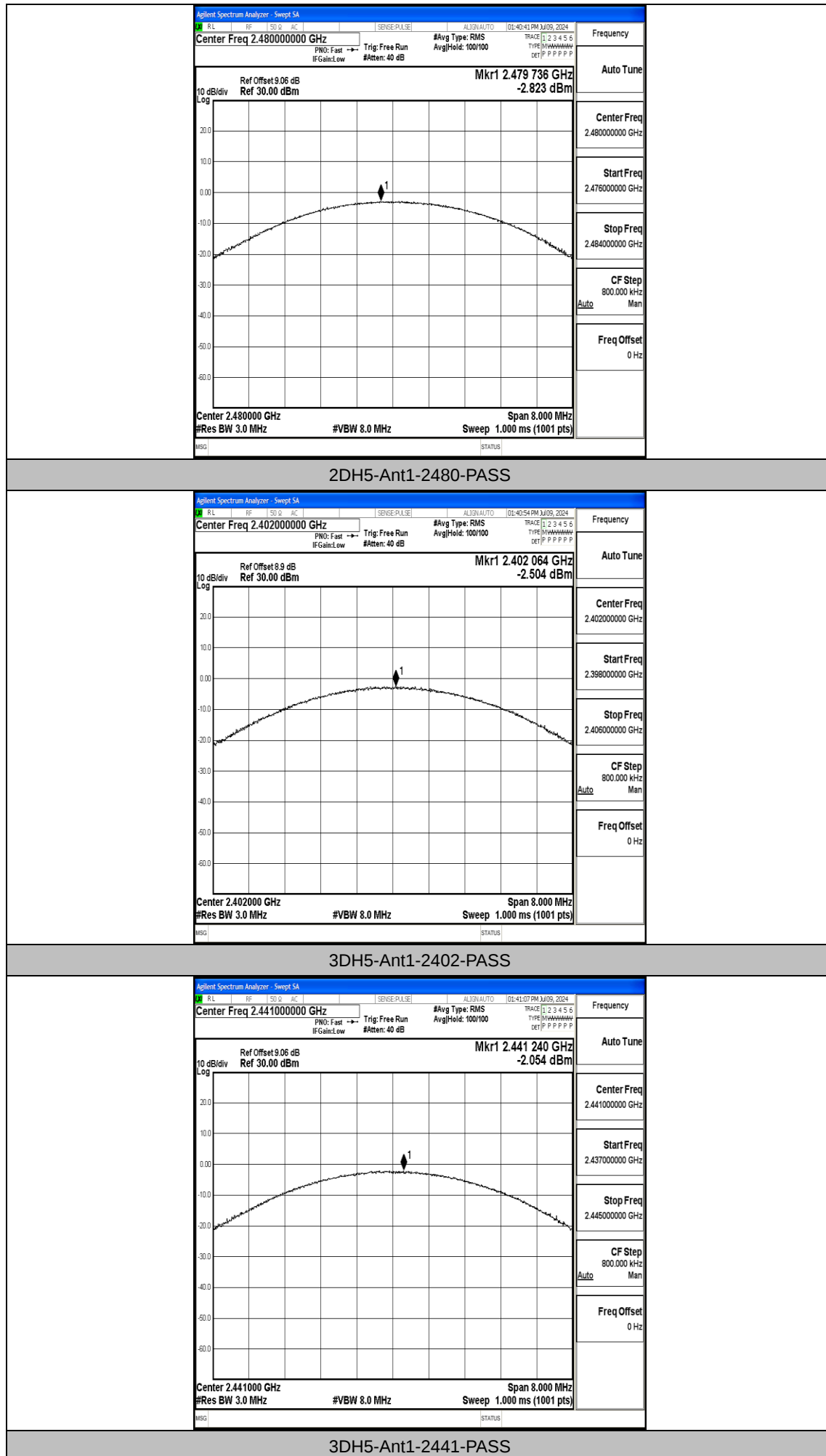
DH5-Ant1-2480-PASS

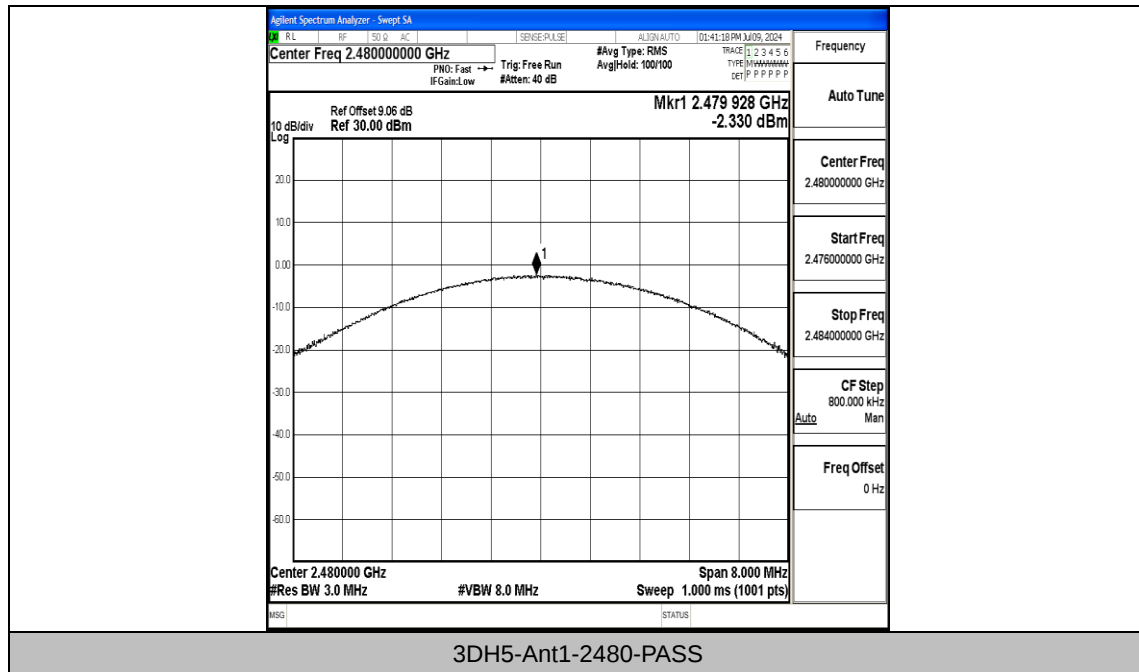


2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



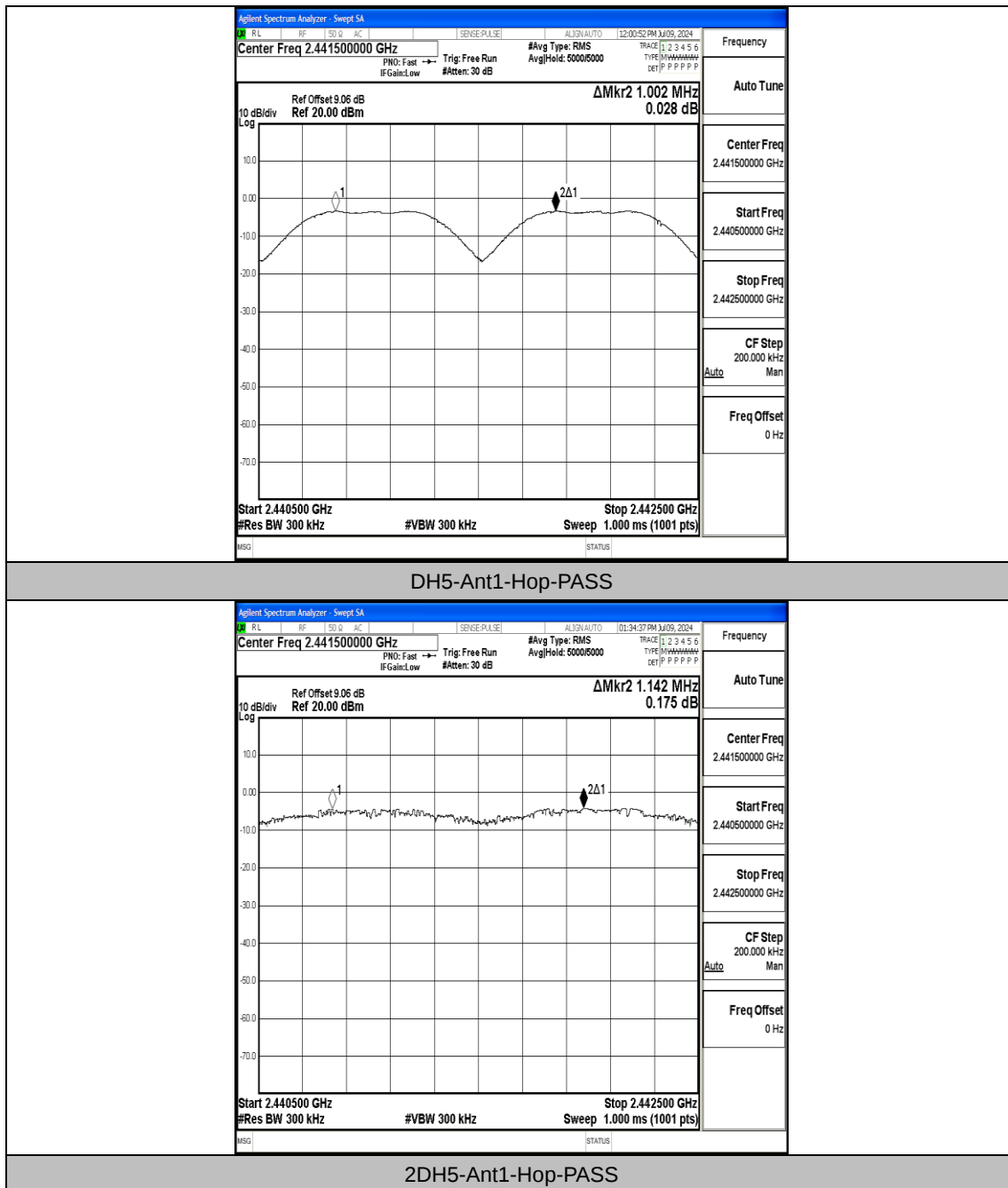


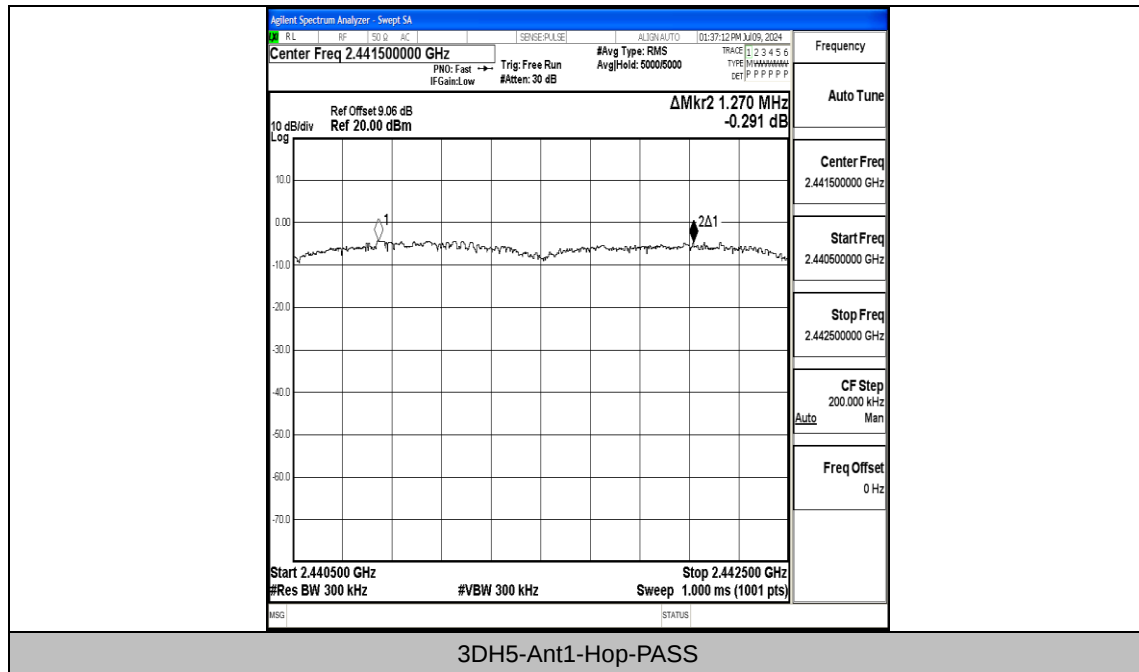
Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.002	≥ 0.963	PASS
2DH5	Ant1	Hop	1.142	≥ 0.882	PASS
3DH5	Ant1	Hop	1.27	≥ 0.876	PASS

Test Graphs



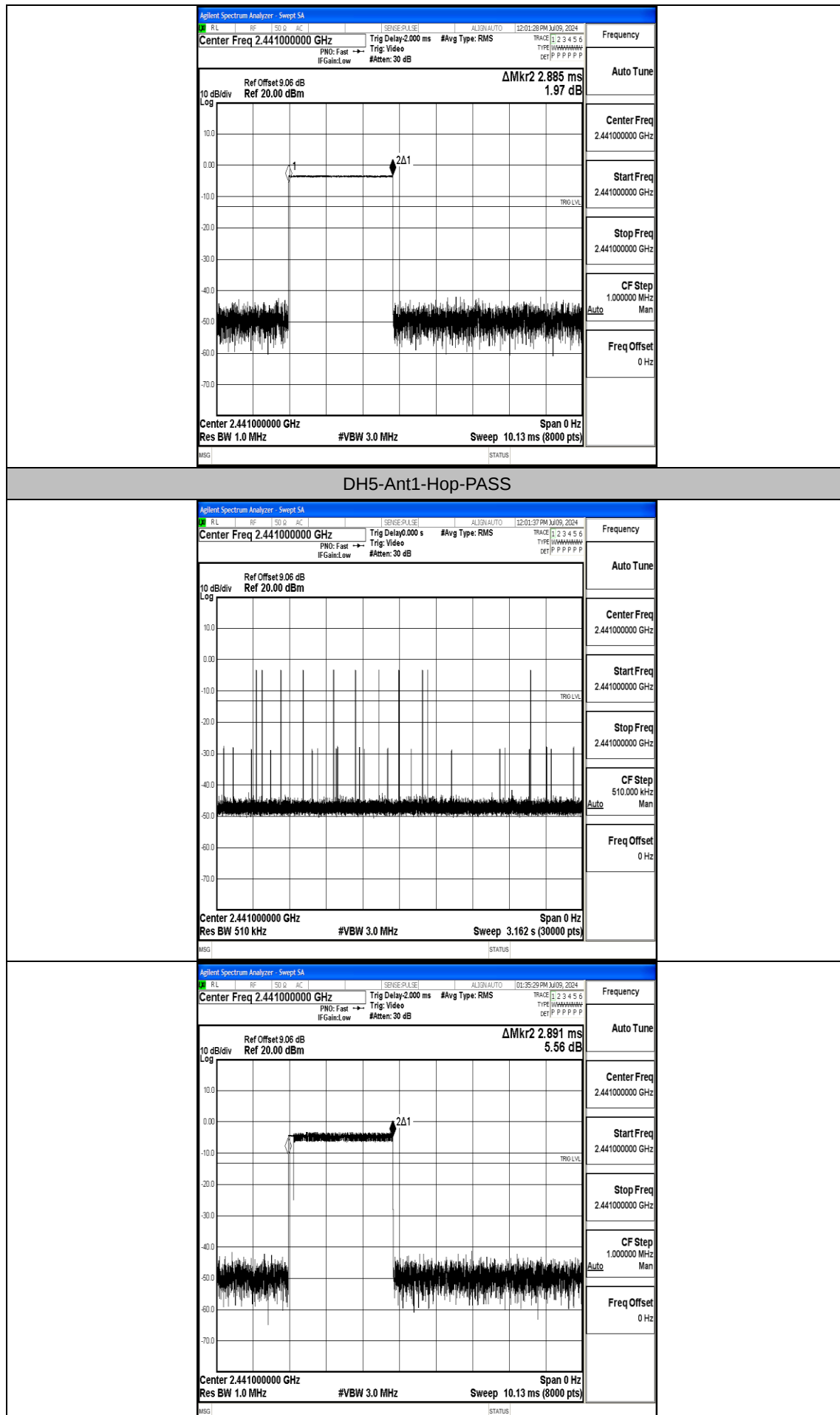


Appendix E: Time of occupancy

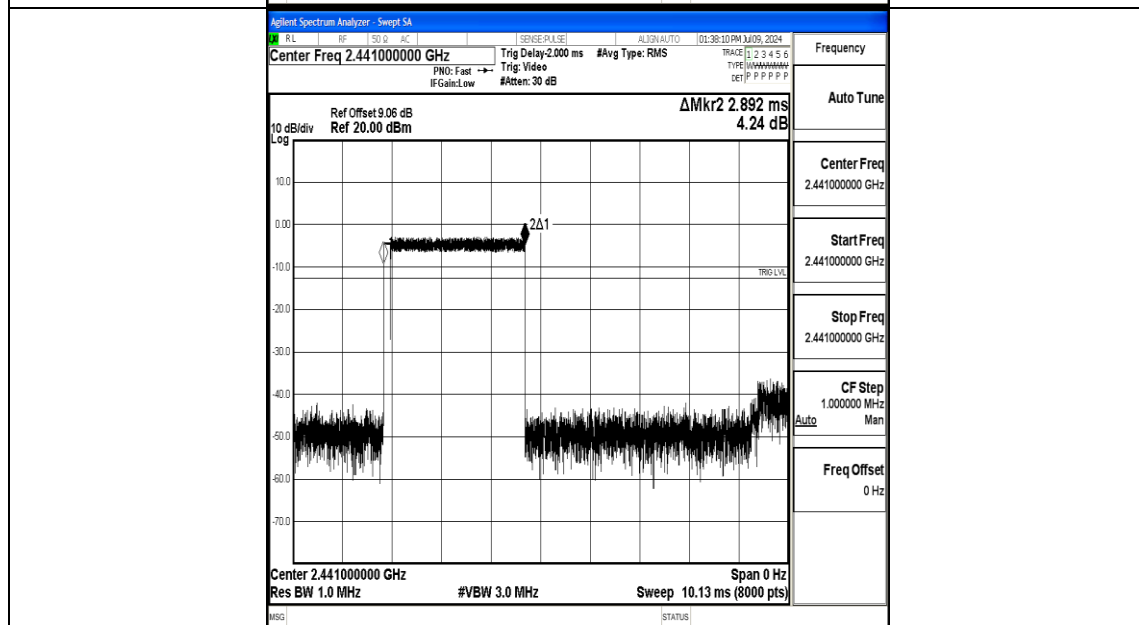
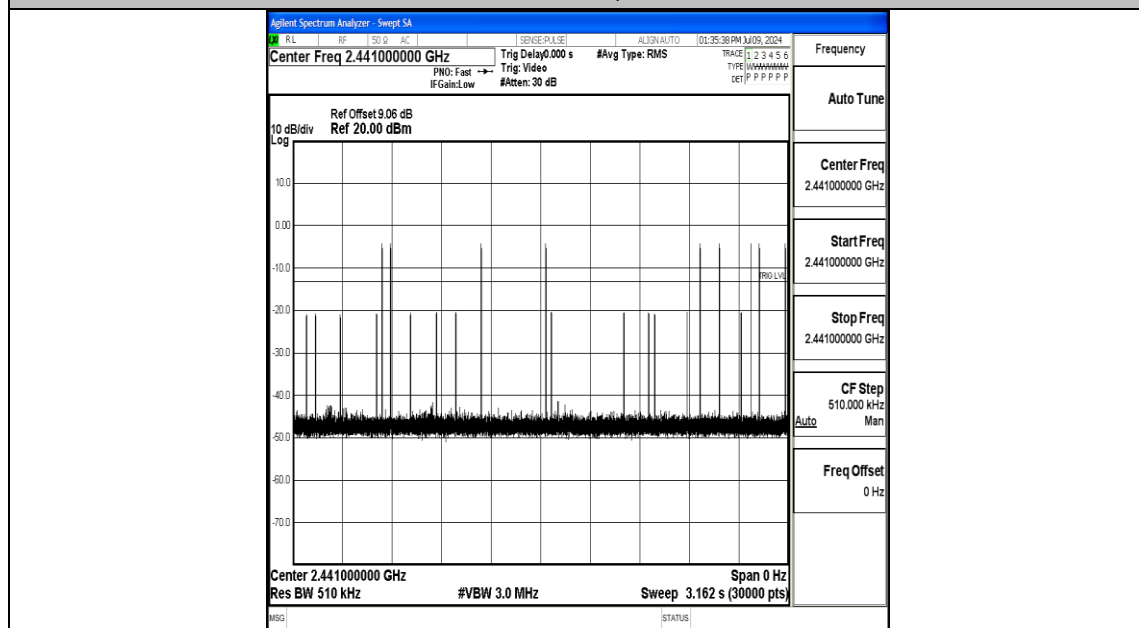
Test Result

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	100	0.289	≤0.4	PASS
3DH5	Ant1	Hop	2.892	80	0.231	≤0.4	PASS

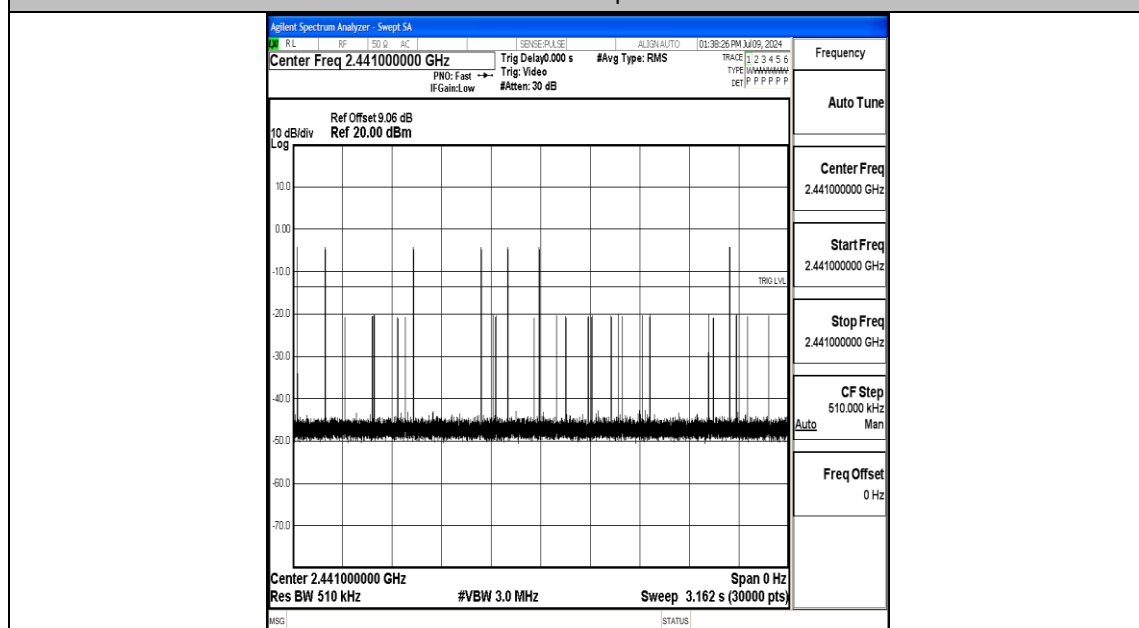
Test Graphs



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS

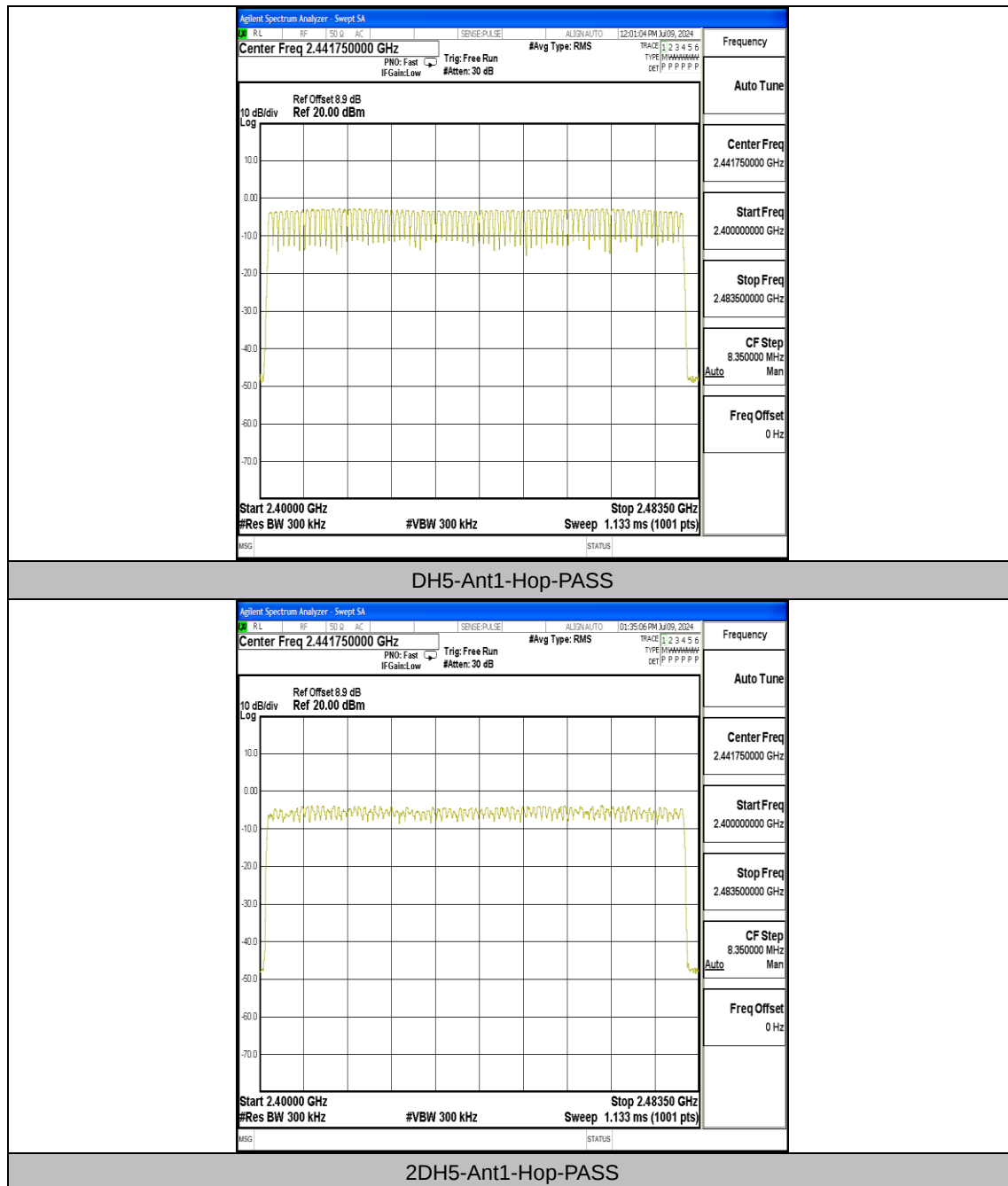


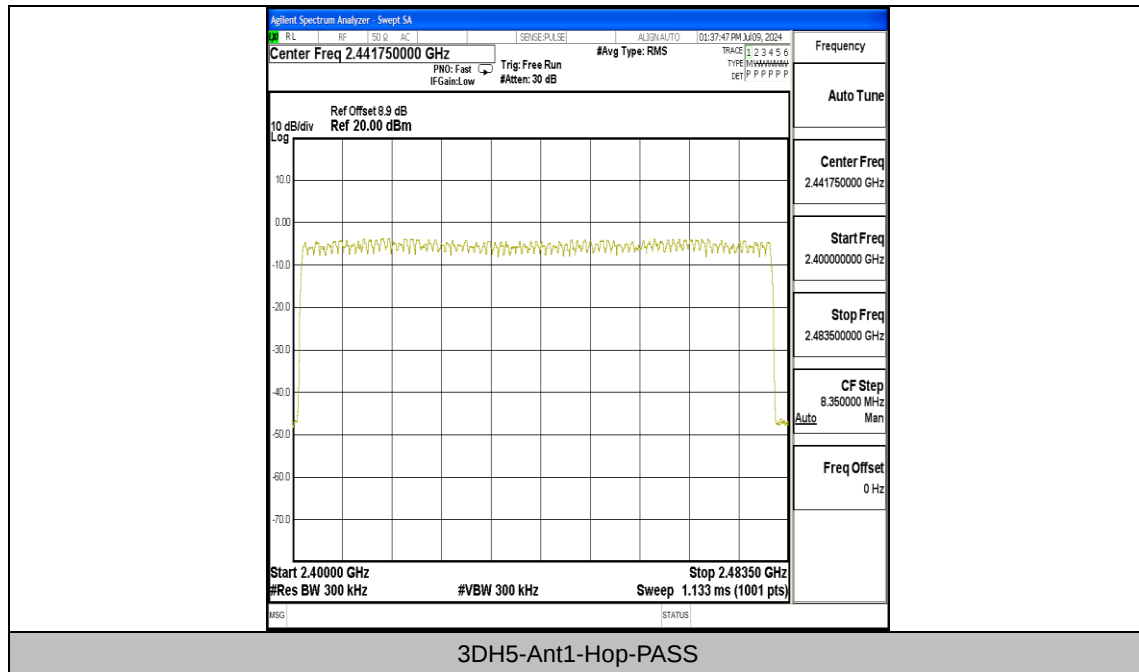
Appendix F: Number of hopping channels

Test Result

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

Test Graphs



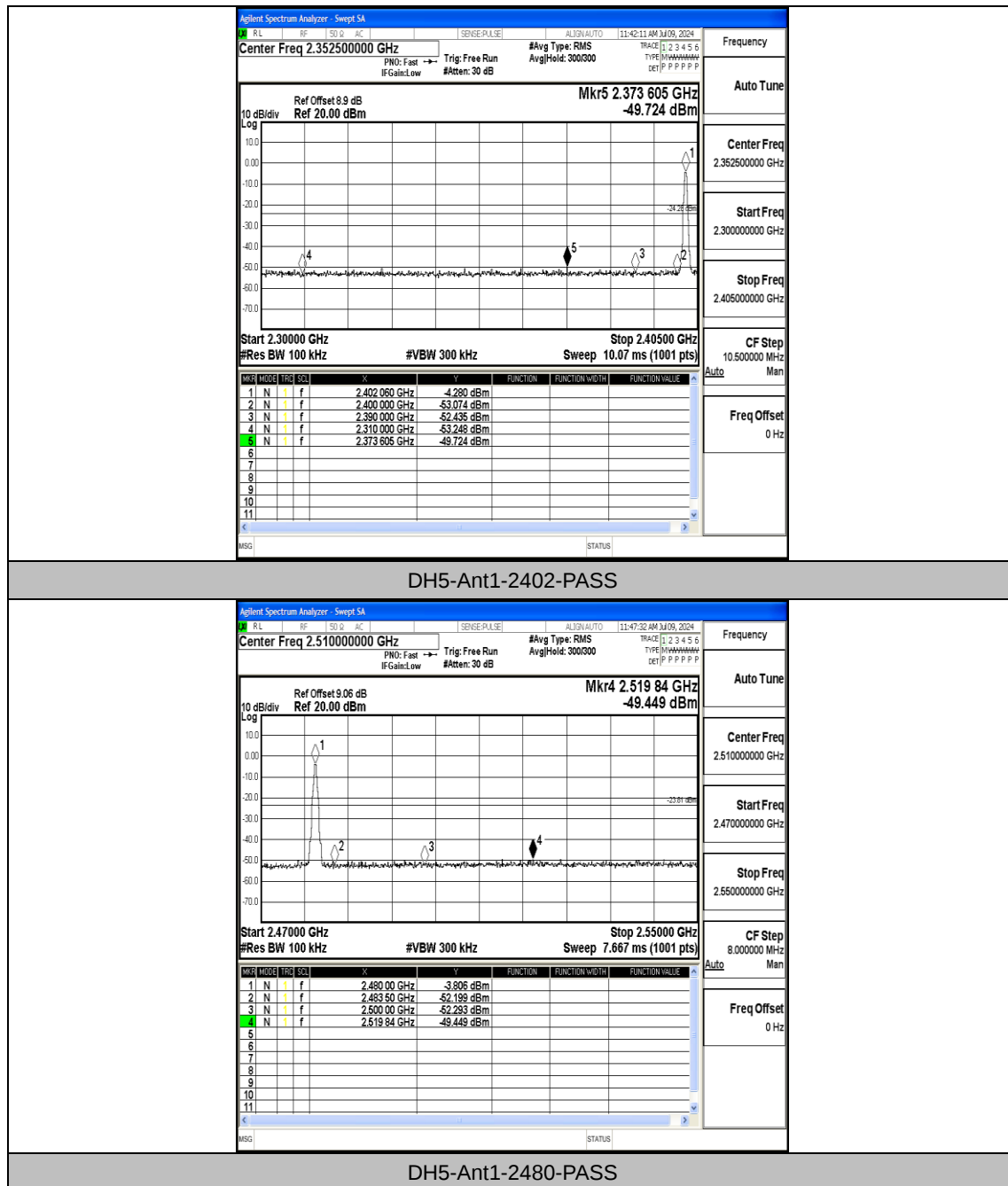


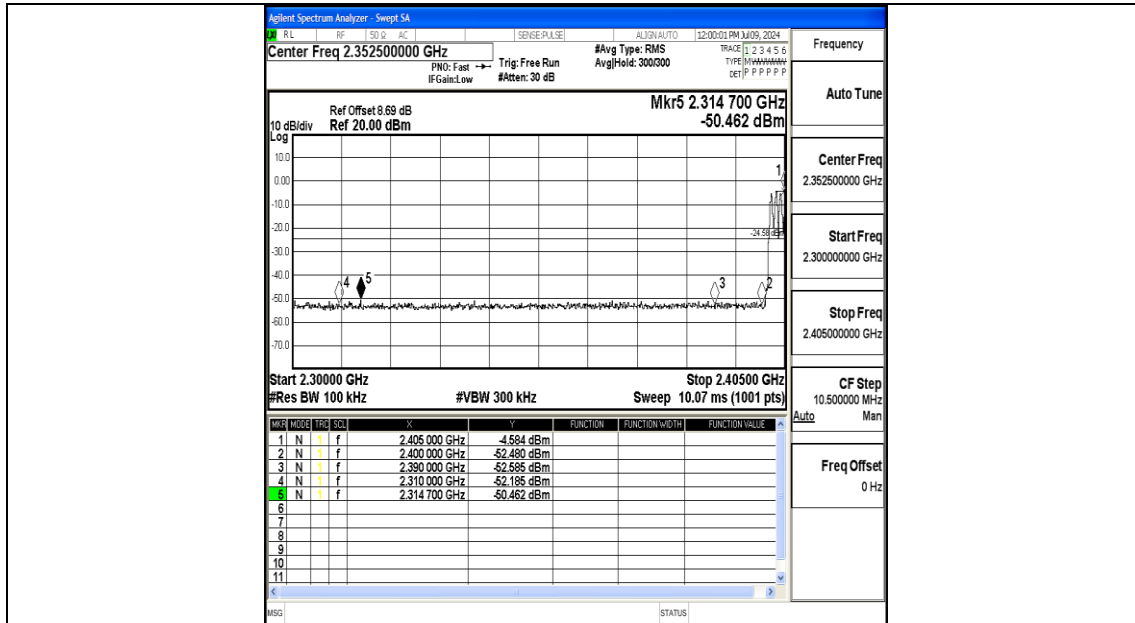
Appendix G: Band edge measurements

Test Result

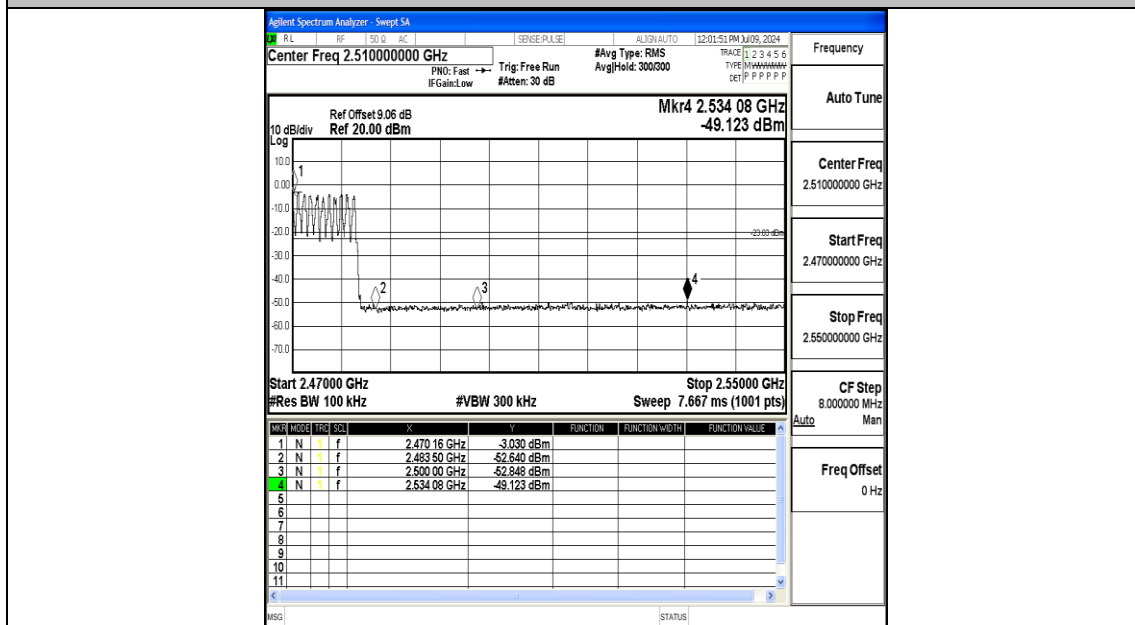
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.28	-49.72	≤-24.28	PASS
DH5	Ant1	High	2480	-3.81	-49.45	≤-23.81	PASS
DH5	Ant1	Low	Hop_2402	-4.58	-50.46	≤-24.58	PASS
DH5	Ant1	High	Hop_2480	-3.03	-49.12	≤-23.03	PASS
2DH5	Ant1	Low	2402	-5.42	-50.02	≤-25.42	PASS
2DH5	Ant1	High	2480	-4.68	-49.21	≤-24.68	PASS
2DH5	Ant1	Low	Hop_2402	-7.29	-50.57	≤-27.29	PASS
2DH5	Ant1	High	Hop_2480	-4.87	-48.58	≤-24.87	PASS
3DH5	Ant1	Low	2402	-4.68	-50.14	≤-24.68	PASS
3DH5	Ant1	High	2480	-4.54	-49.38	≤-24.54	PASS
3DH5	Ant1	Low	Hop_2402	-8.42	-51.04	≤-28.42	PASS
3DH5	Ant1	High	Hop_2480	-7.61	-49.29	≤-27.61	PASS

Test Graphs

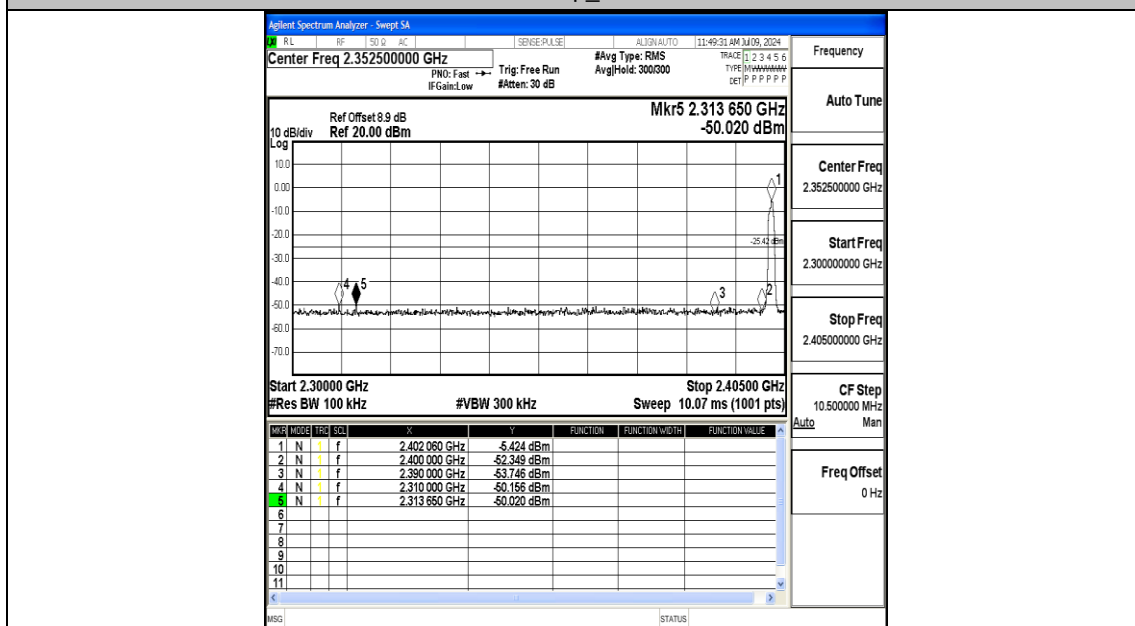




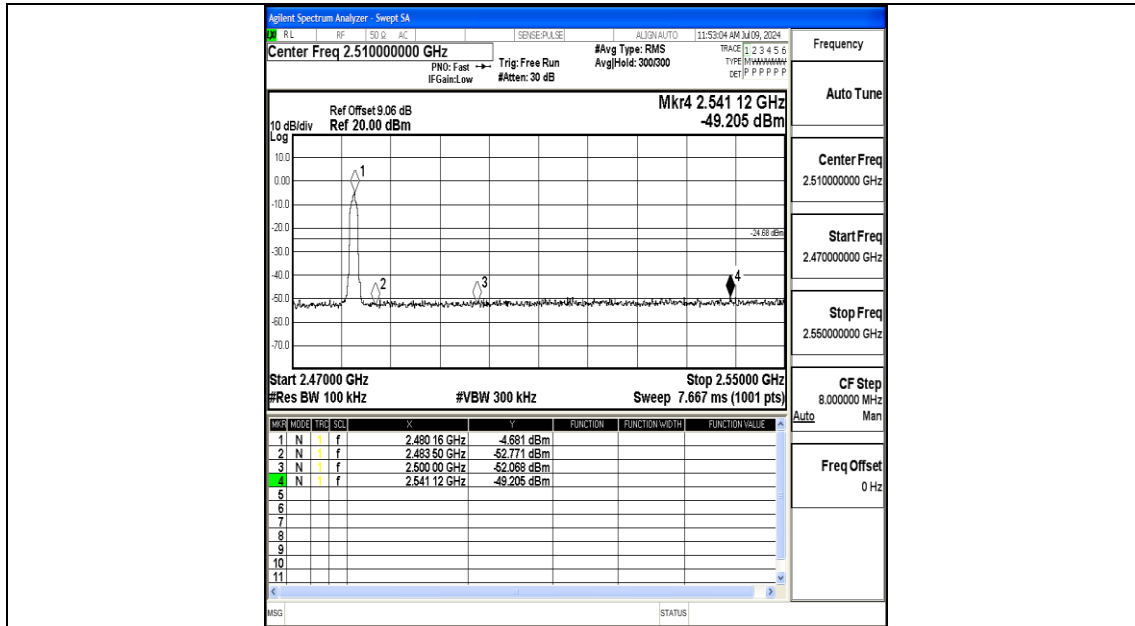
DH5-Ant1-Hop_2402-PASS



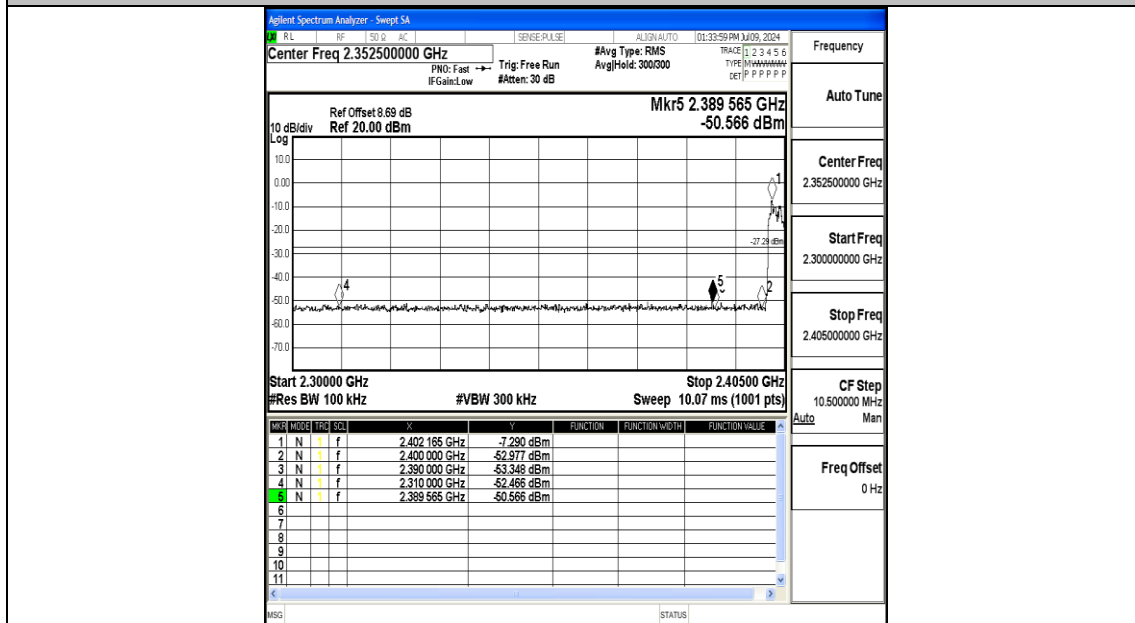
DH5-Ant1-Hop_2480-PASS



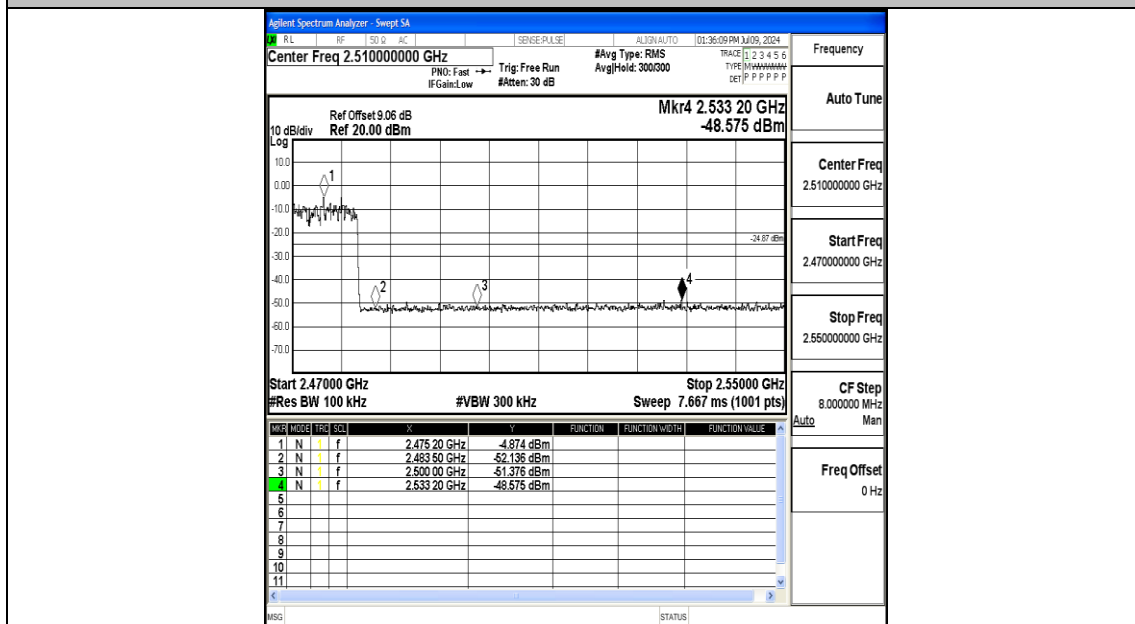
2DH5-Ant1-2402-PASS



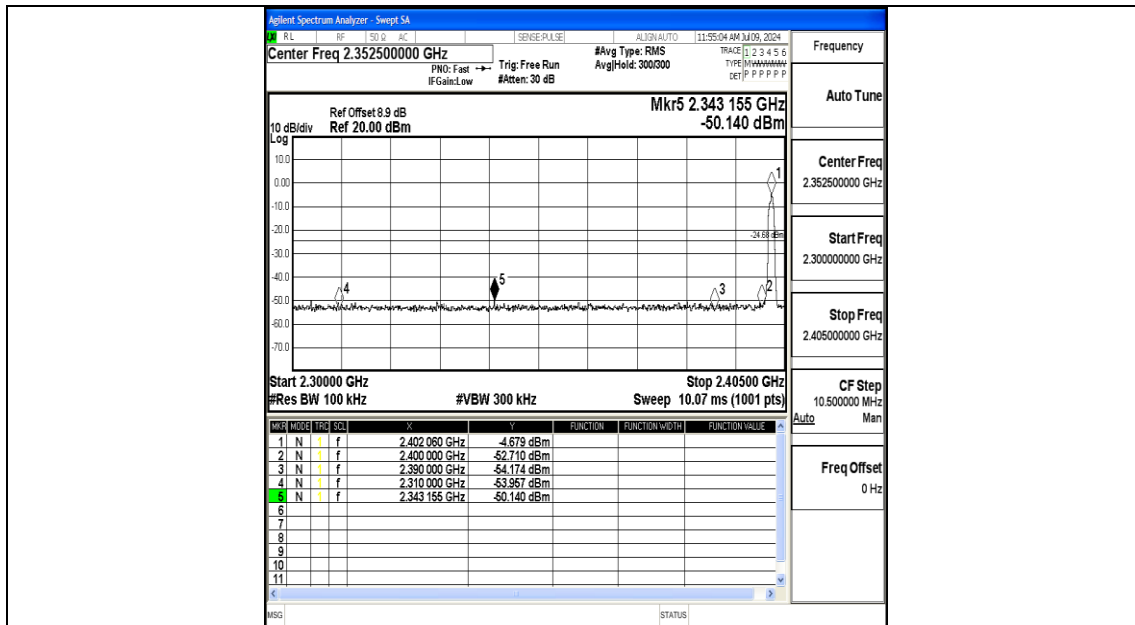
2DH5-Ant1-2480-PASS



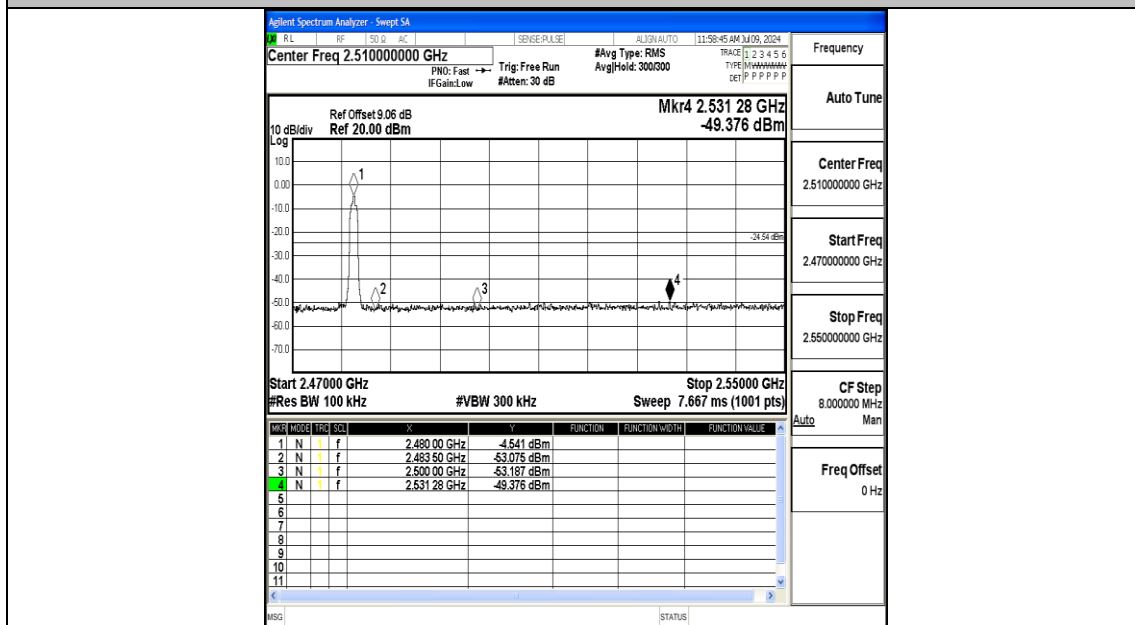
2DH5-Ant1-Hop_2402-PASS



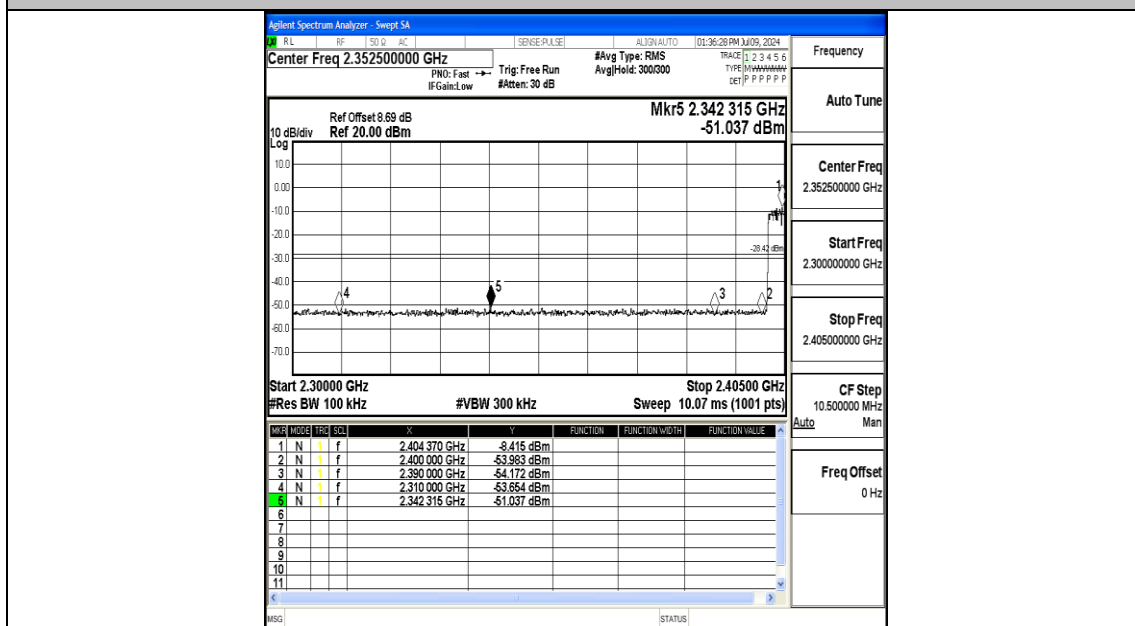
2DH5-Ant1-Hop_2480-PASS



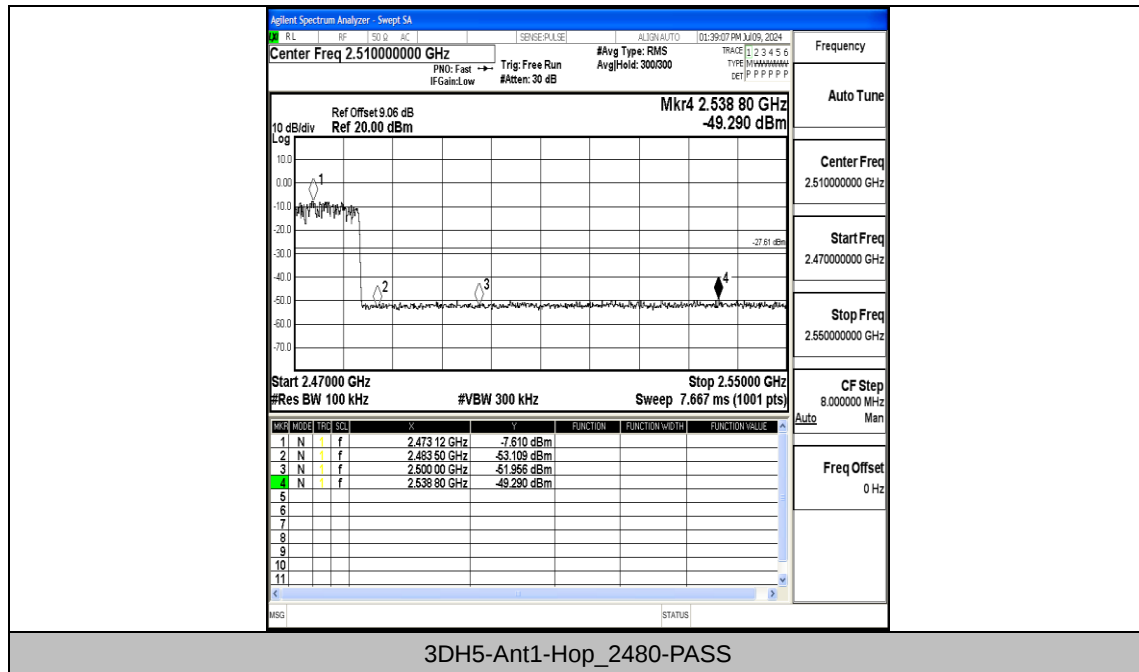
3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS

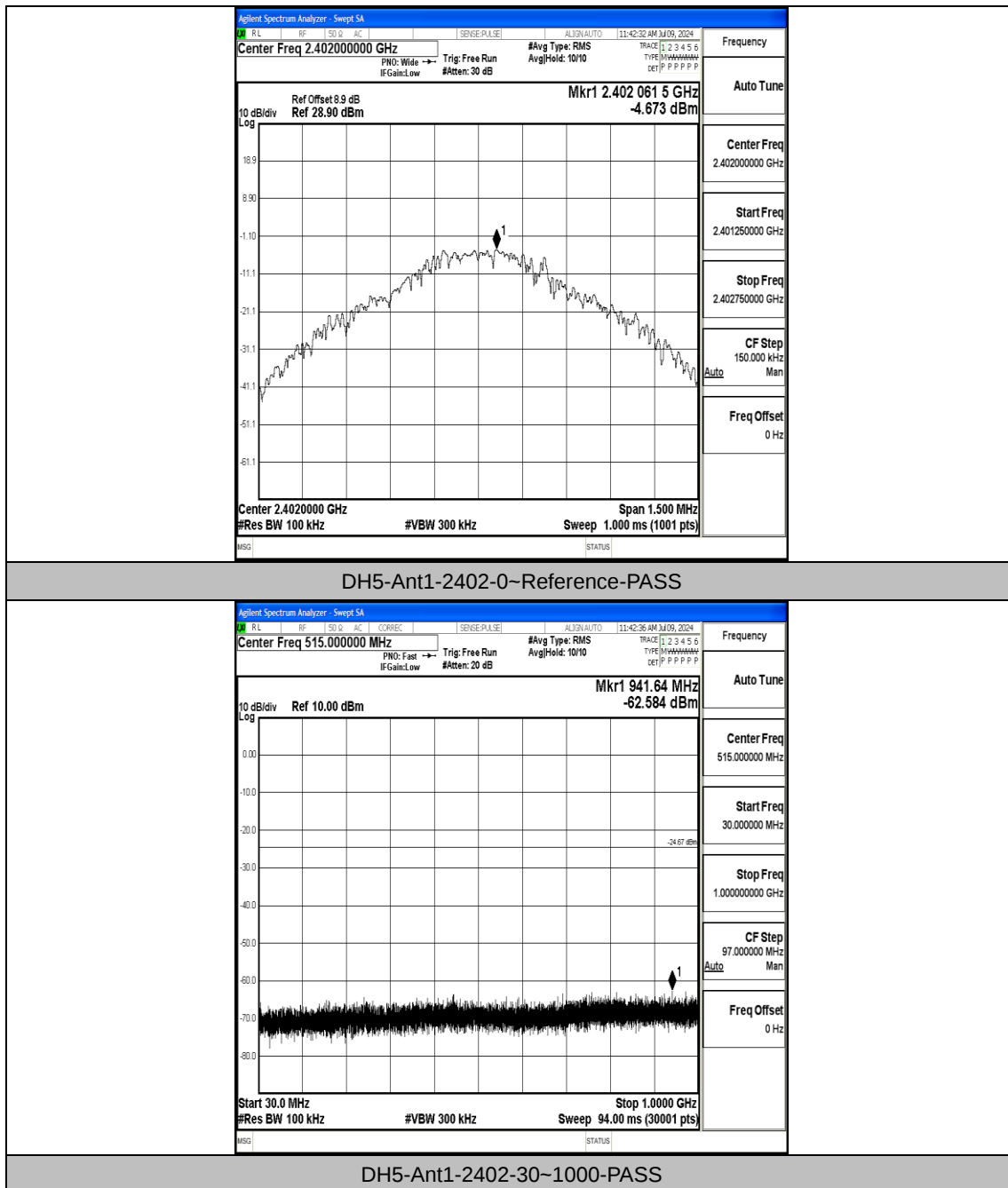


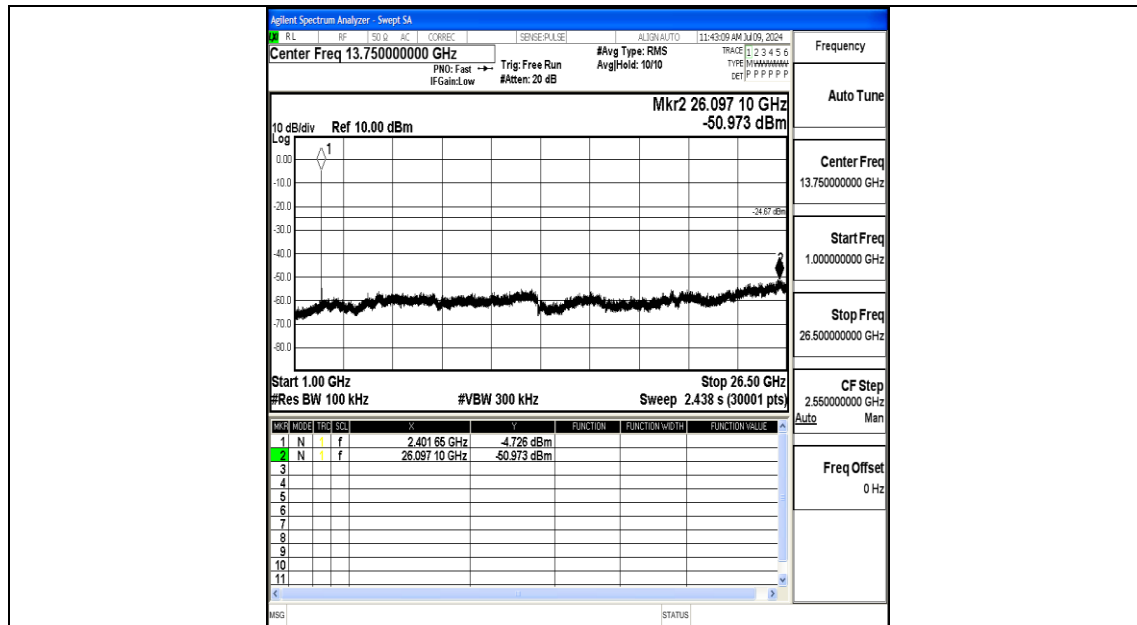
Appendix H: Conducted Spurious Emission

Test Result

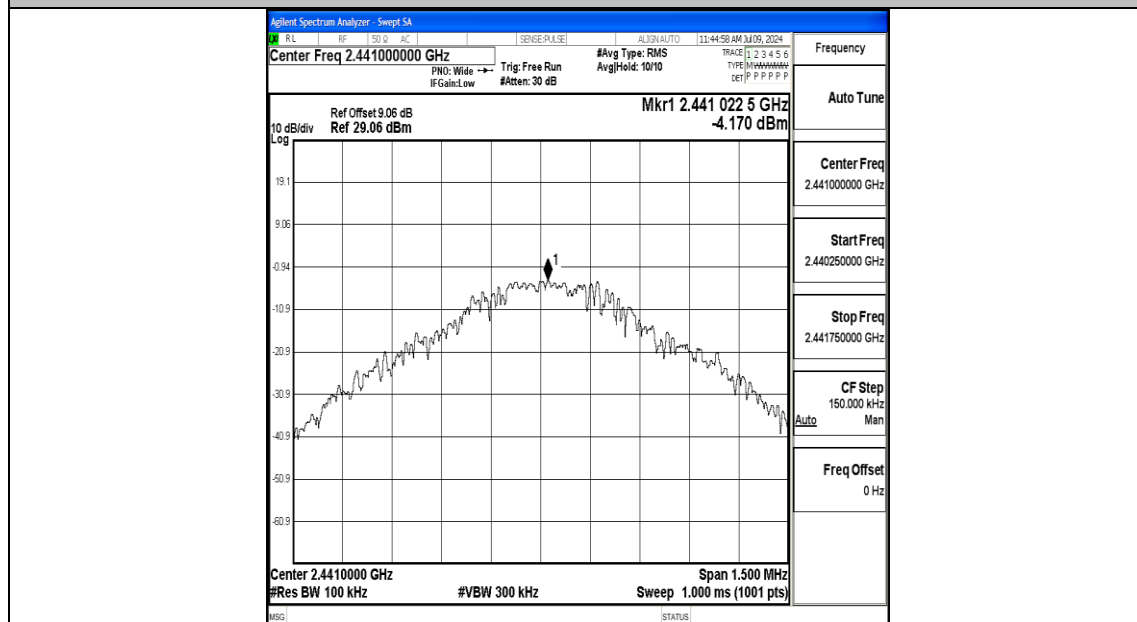
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-4.67	-4.67	---	PASS
DH5	Ant1	2402	30~1000	-4.67	-62.58	≤-24.67	PASS
DH5	Ant1	2402	1000~26500	-4.67	-50.97	≤-24.67	PASS
DH5	Ant1	2441	0~Reference	-4.17	-4.17	---	PASS
DH5	Ant1	2441	30~1000	-4.17	-61.84	≤-24.17	PASS
DH5	Ant1	2441	1000~26500	-4.17	-50.12	≤-24.17	PASS
DH5	Ant1	2480	0~Reference	-4.52	-4.52	---	PASS
DH5	Ant1	2480	30~1000	-4.52	-62.95	≤-24.52	PASS
DH5	Ant1	2480	1000~26500	-4.52	-49.57	≤-24.52	PASS
2DH5	Ant1	2402	0~Reference	-5.11	-5.11	---	PASS
2DH5	Ant1	2402	30~1000	-5.11	-62.5	≤-25.11	PASS
2DH5	Ant1	2402	1000~26500	-5.11	-50.84	≤-25.11	PASS
2DH5	Ant1	2441	0~Reference	-7.35	-7.35	---	PASS
2DH5	Ant1	2441	30~1000	-7.35	-61.46	≤-27.35	PASS
2DH5	Ant1	2441	1000~26500	-7.35	-48.78	≤-27.35	PASS
2DH5	Ant1	2480	0~Reference	-7.72	-7.72	---	PASS
2DH5	Ant1	2480	30~1000	-7.72	-62.81	≤-27.72	PASS
2DH5	Ant1	2480	1000~26500	-7.72	-49.77	≤-27.72	PASS
3DH5	Ant1	2402	0~Reference	-8.04	-8.04	---	PASS
3DH5	Ant1	2402	30~1000	-8.04	-62.1	≤-28.04	PASS
3DH5	Ant1	2402	1000~26500	-8.04	-50.37	≤-28.04	PASS
3DH5	Ant1	2441	0~Reference	-7.30	-7.30	---	PASS
3DH5	Ant1	2441	30~1000	-7.30	-62.06	≤-27.3	PASS
3DH5	Ant1	2441	1000~26500	-7.30	-50.71	≤-27.3	PASS
3DH5	Ant1	2480	0~Reference	-6.81	-6.81	---	PASS
3DH5	Ant1	2480	30~1000	-6.81	-61.95	≤-26.81	PASS
3DH5	Ant1	2480	1000~26500	-6.81	-50.48	≤-26.81	PASS

Test Graphs

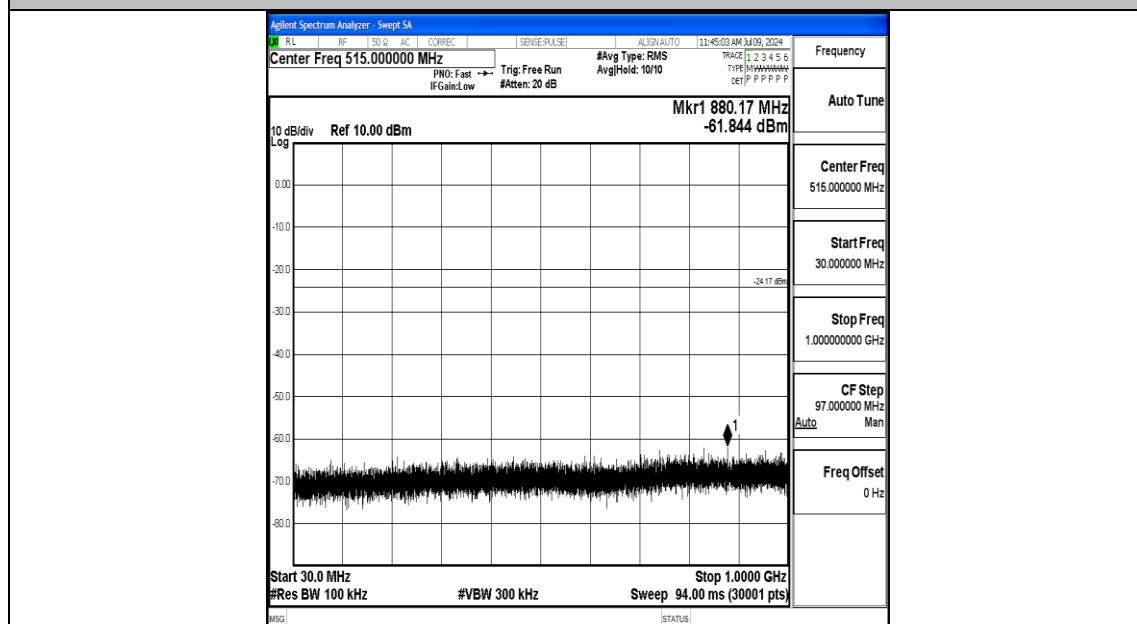




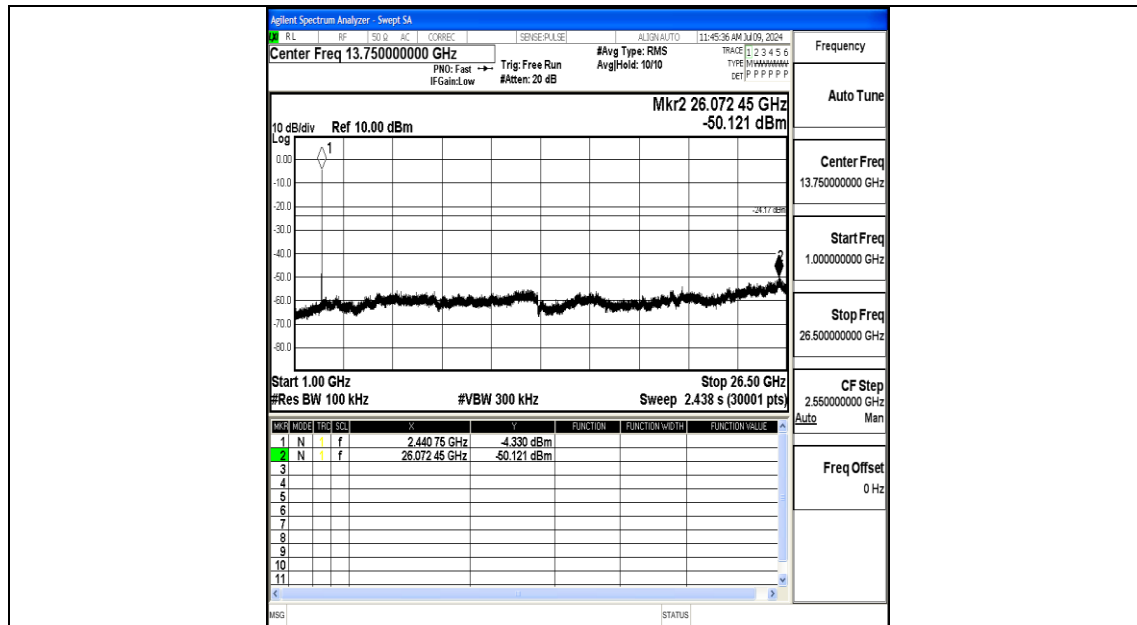
DH5-Ant1-2402-1000~26500-PASS



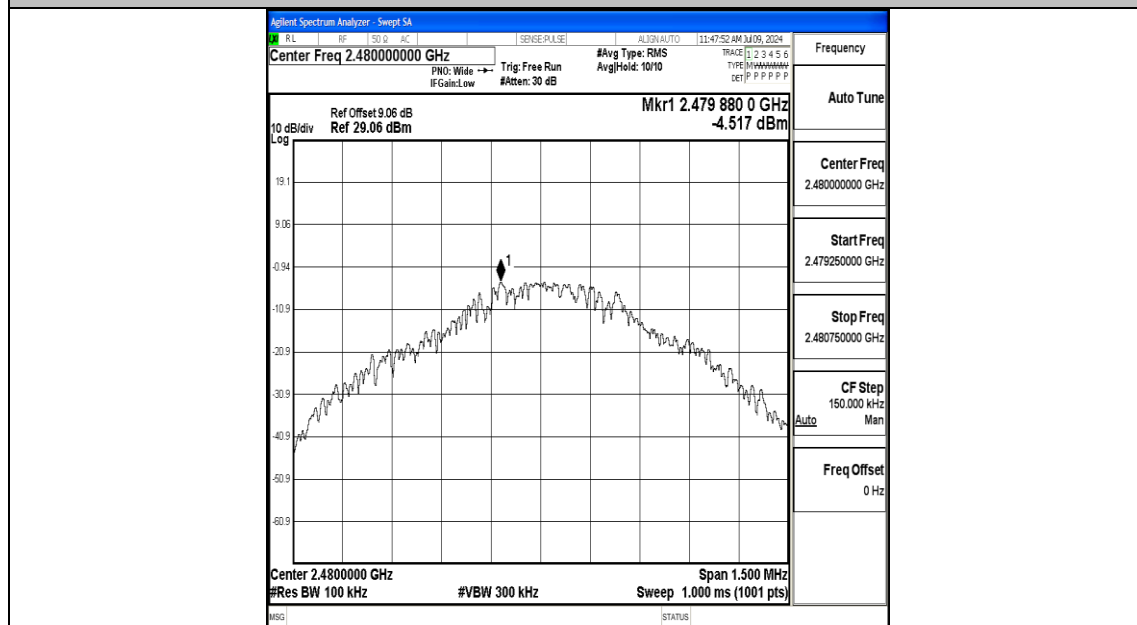
DH5-Ant1-2441-0~Reference-PASS



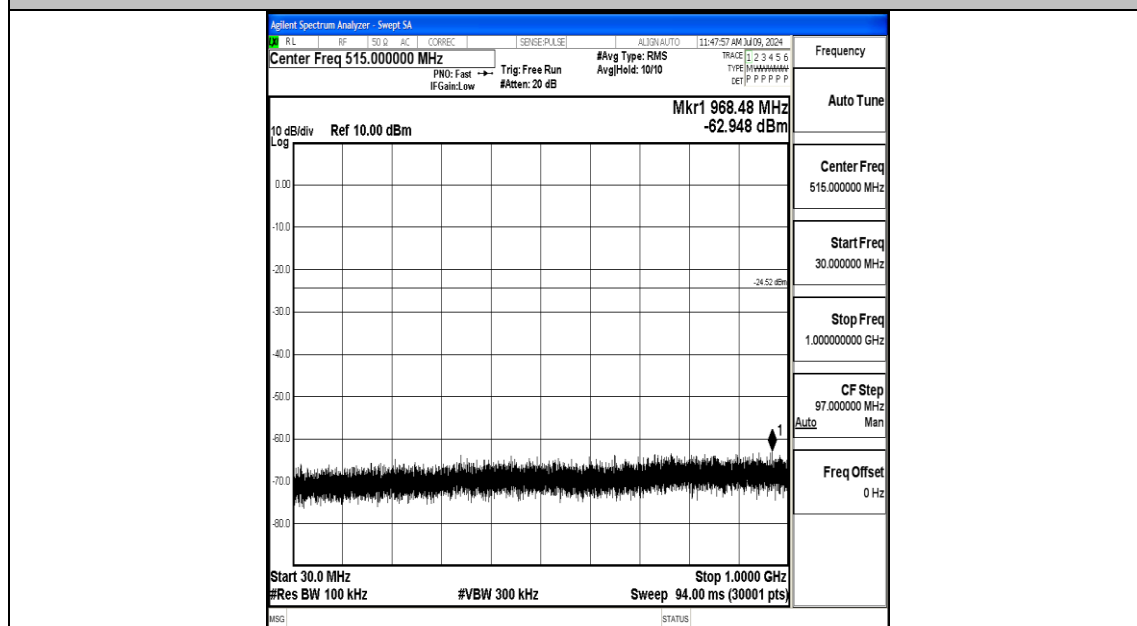
DH5-Ant1-2441-30~1000-PASS



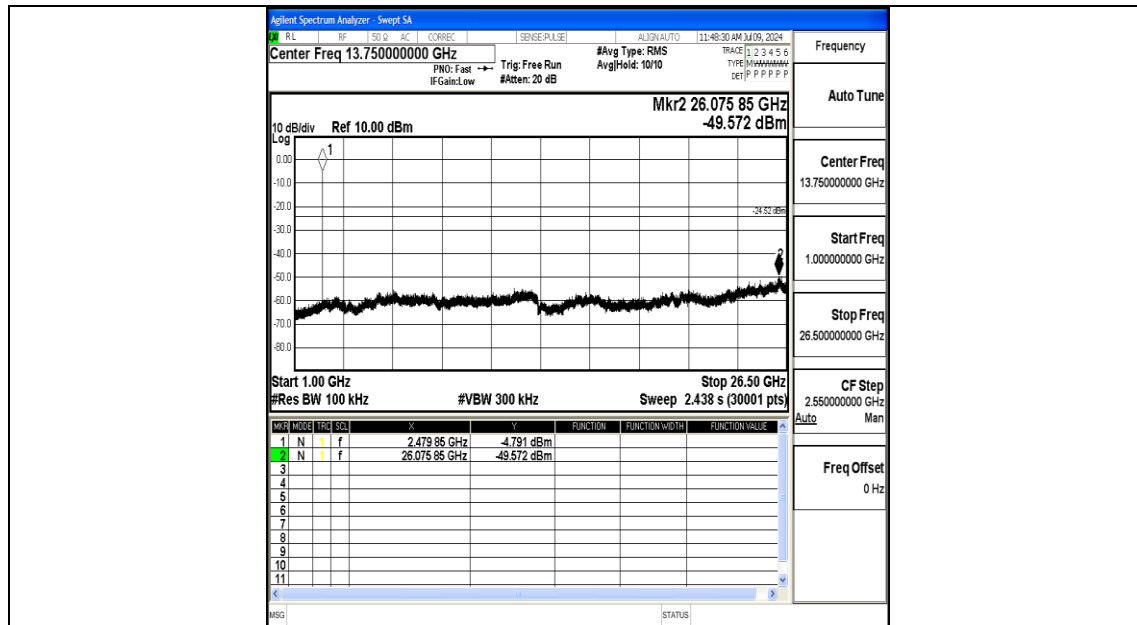
DH5-Ant1-2441-1000~26500-PASS



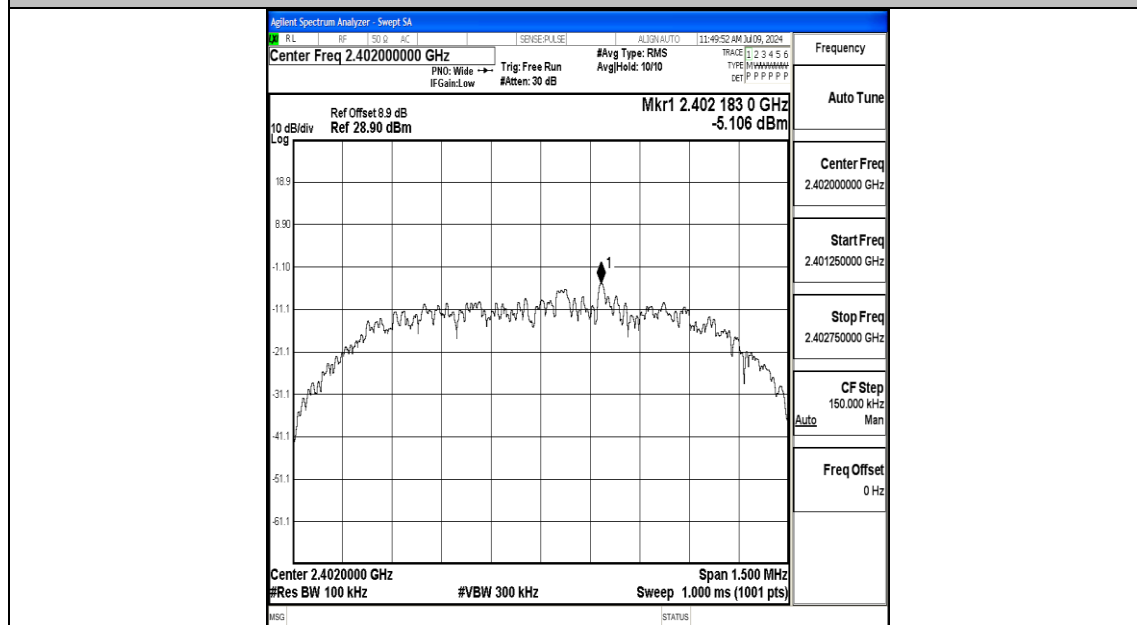
DH5-Ant1-2480-0~Reference-PASS



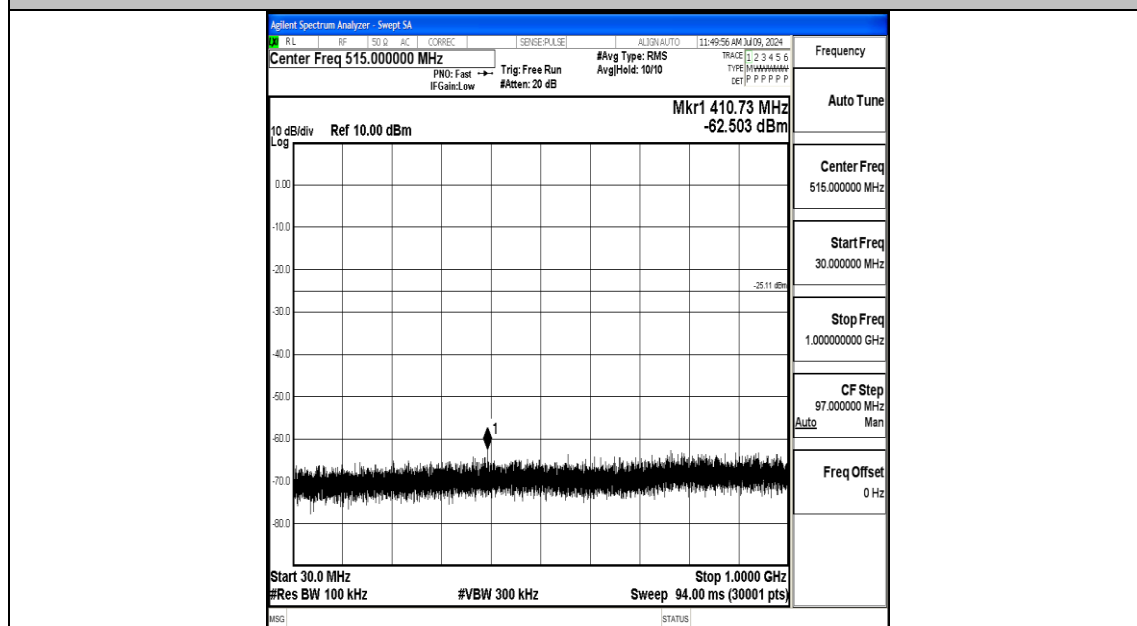
DH5-Ant1-2480-30~1000-PASS



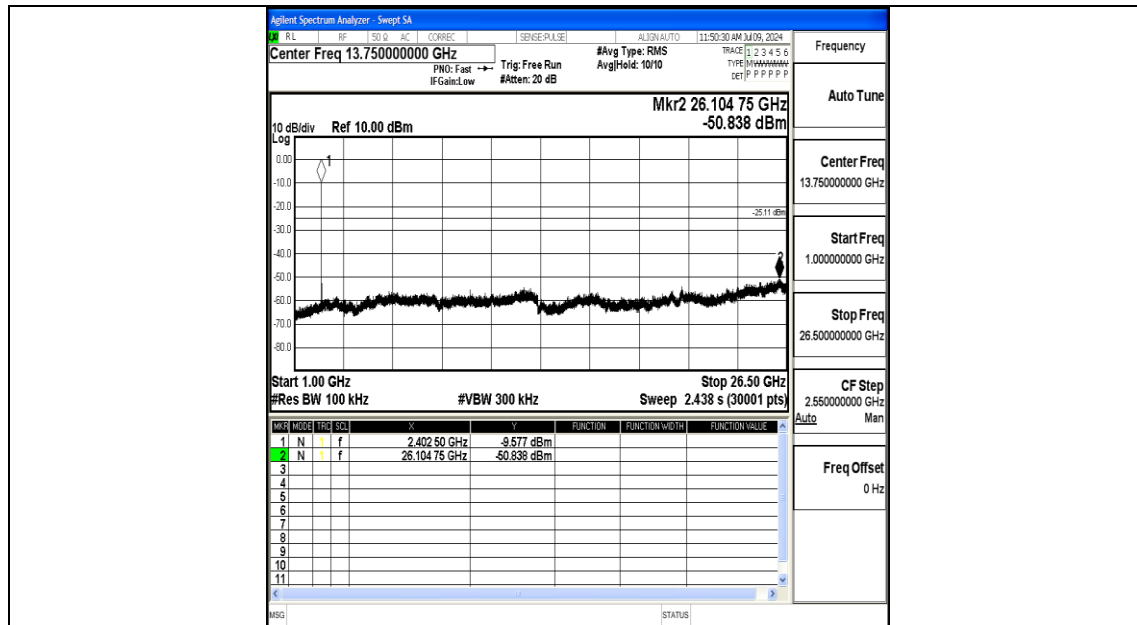
DH5-Ant1-2480-1000~26500-PASS



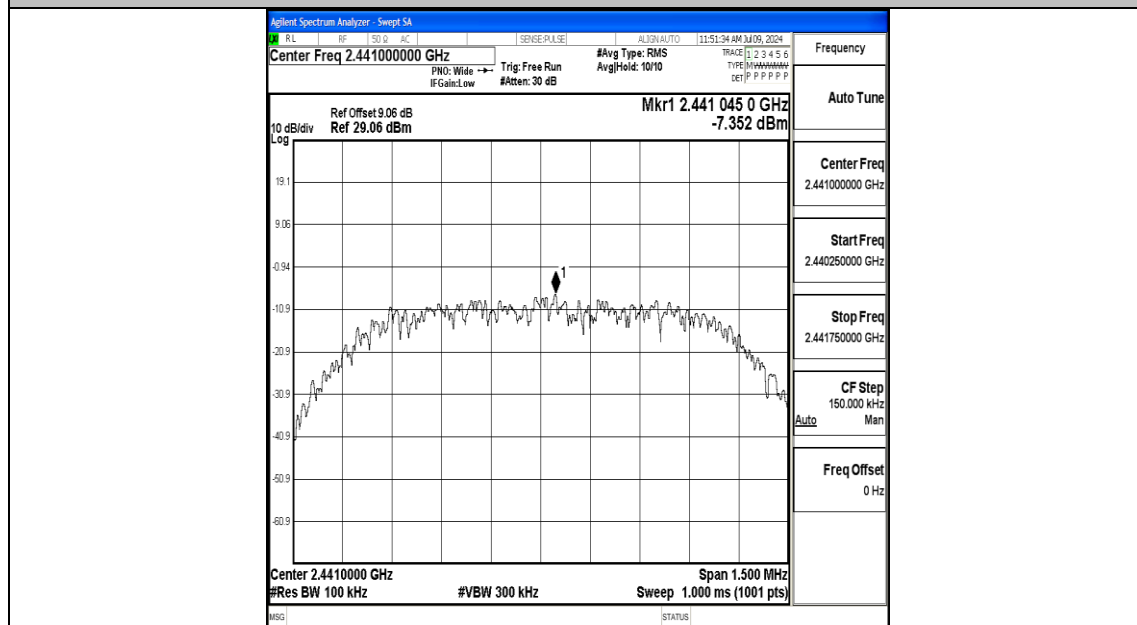
2DH5-Ant1-2402-0~Reference-PASS



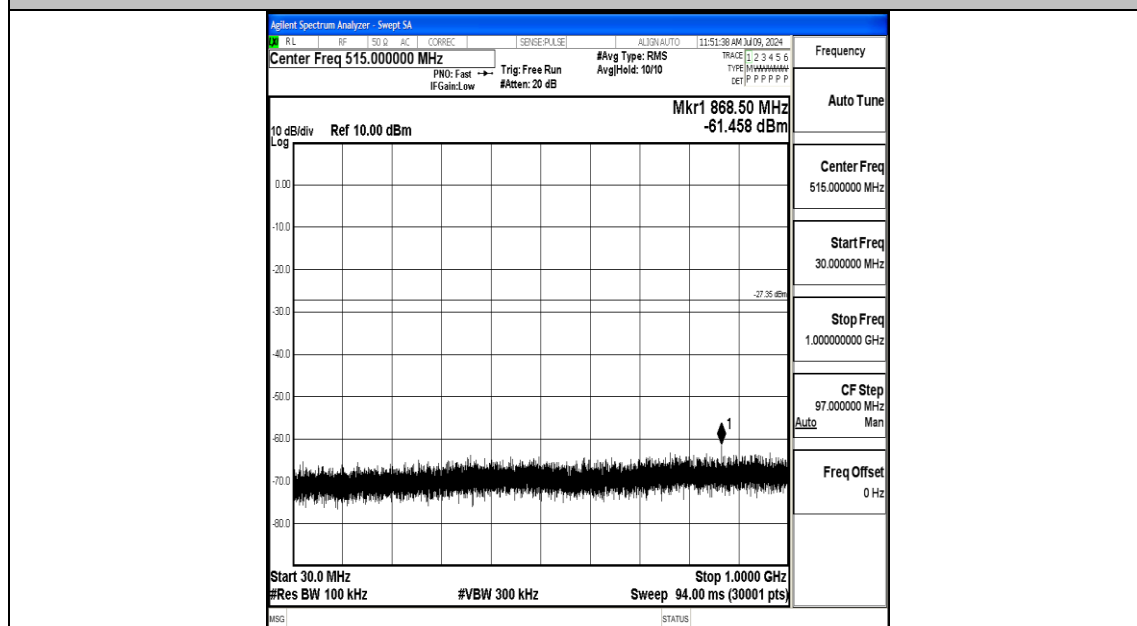
2DH5-Ant1-2402-30~1000-PASS



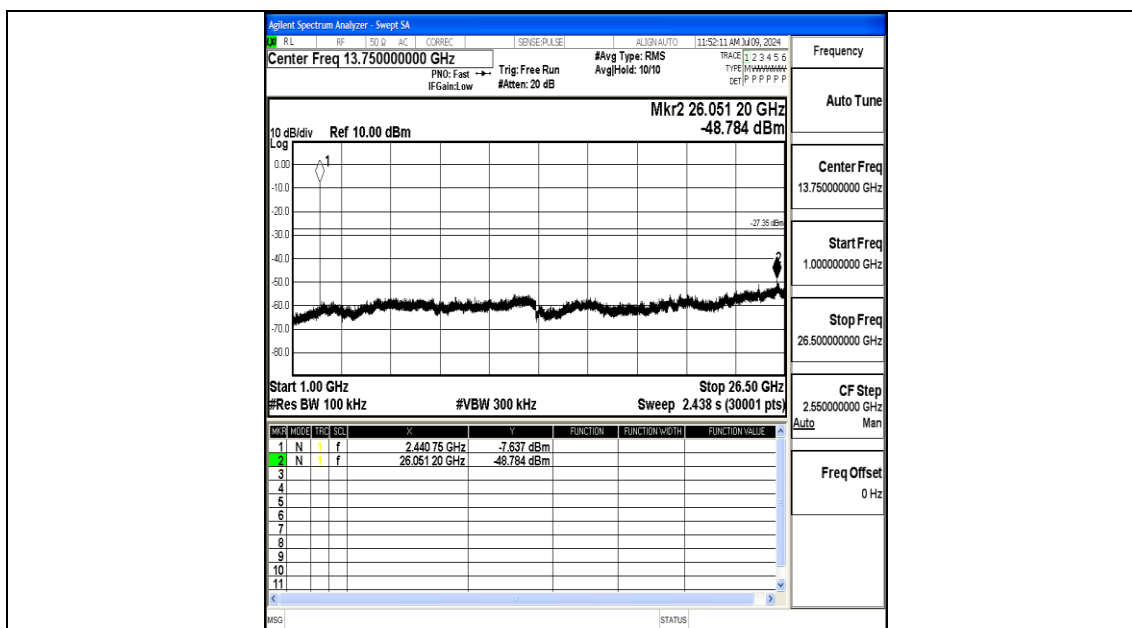
2DH5-Ant1-2402-1000~26500-PASS



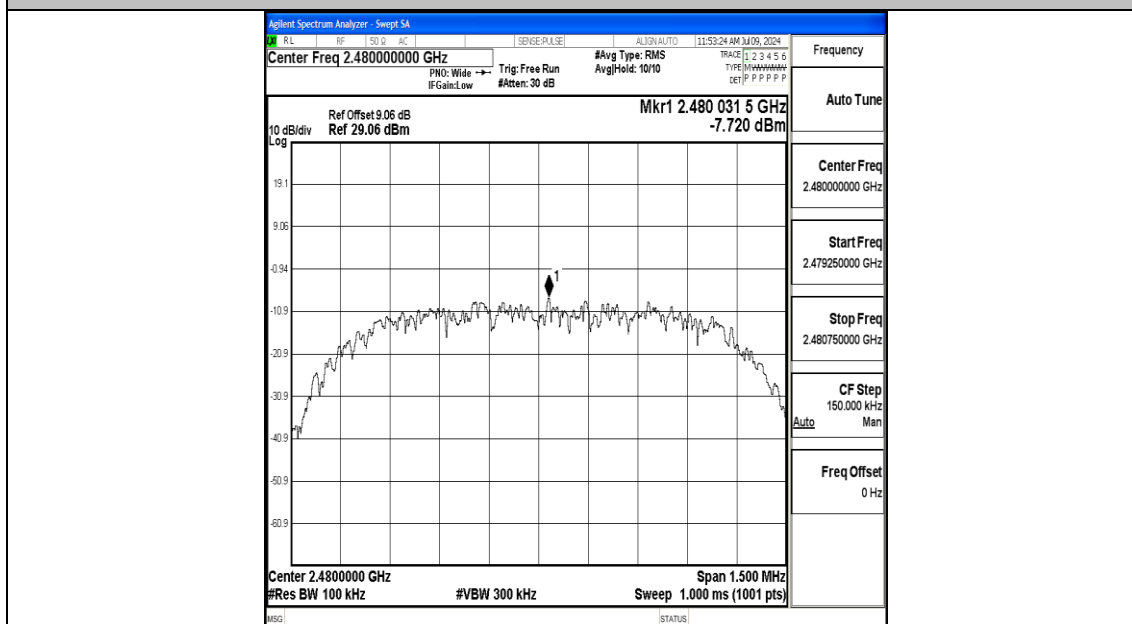
2DH5-Ant1-2441-0~Reference-PASS



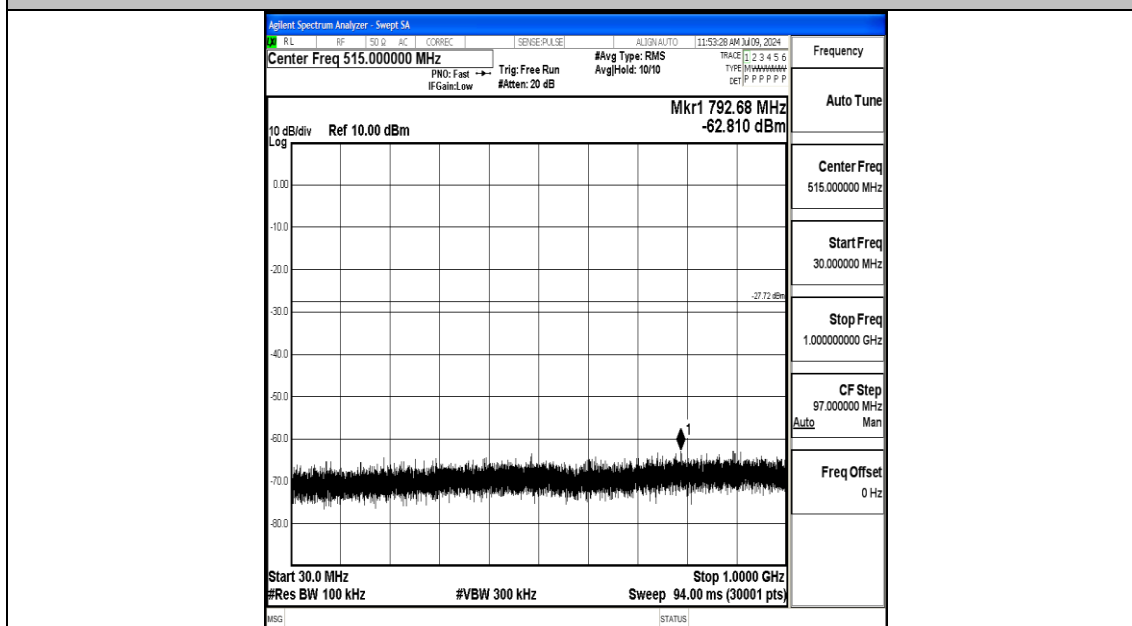
2DH5-Ant1-2441-30~1000-PASS



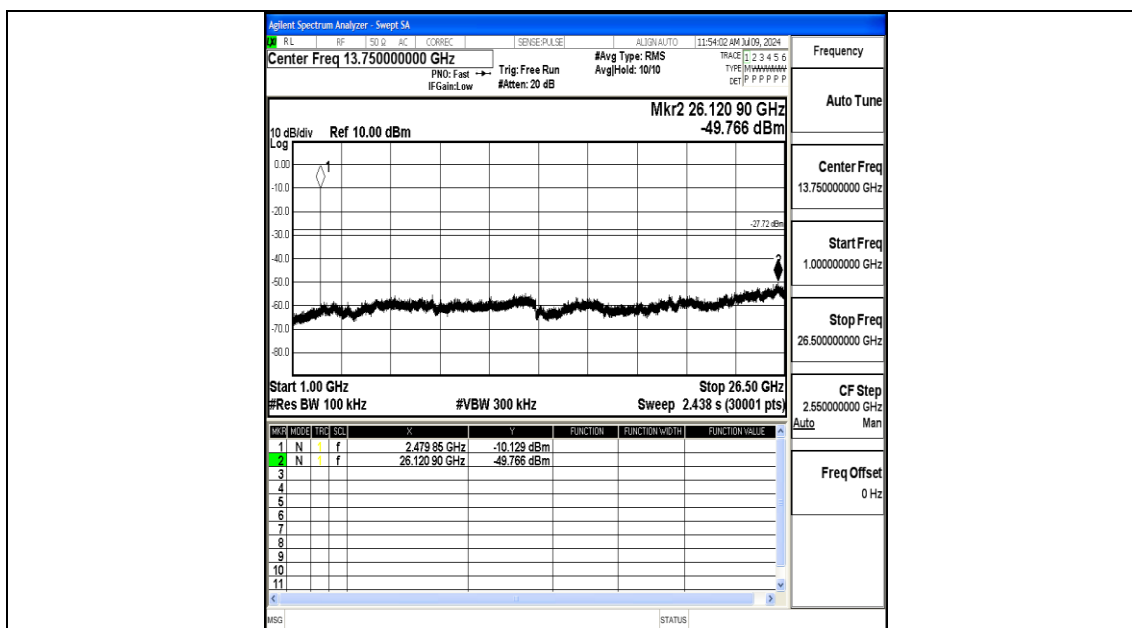
2DH5-Ant1-2441-1000~26500-PASS



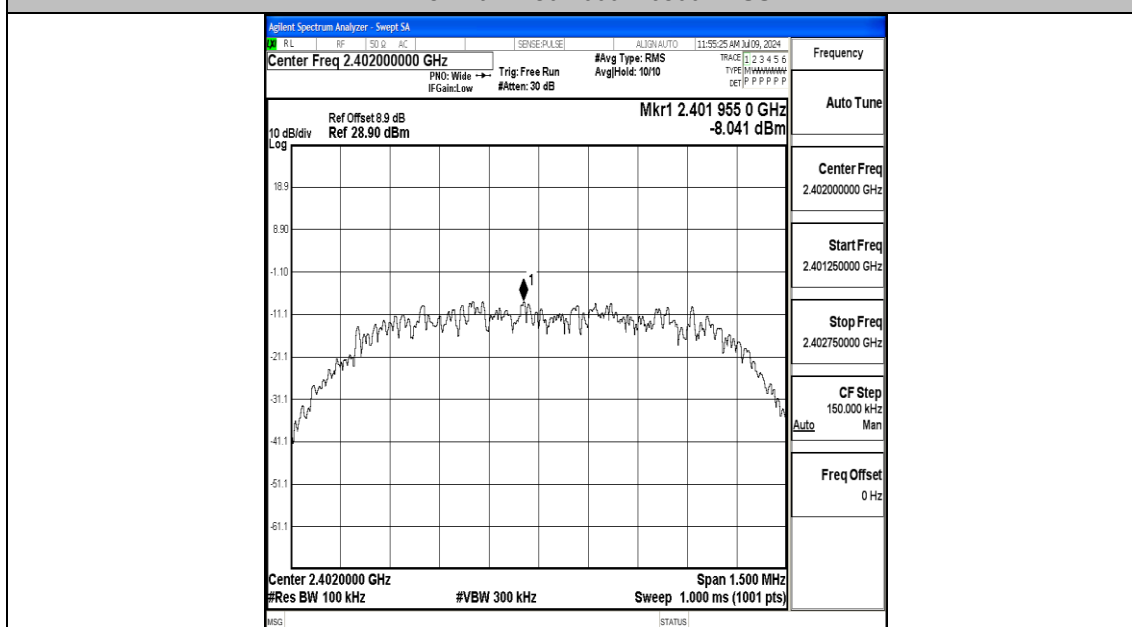
2DH5-Ant1-2480-0~Reference-PASS



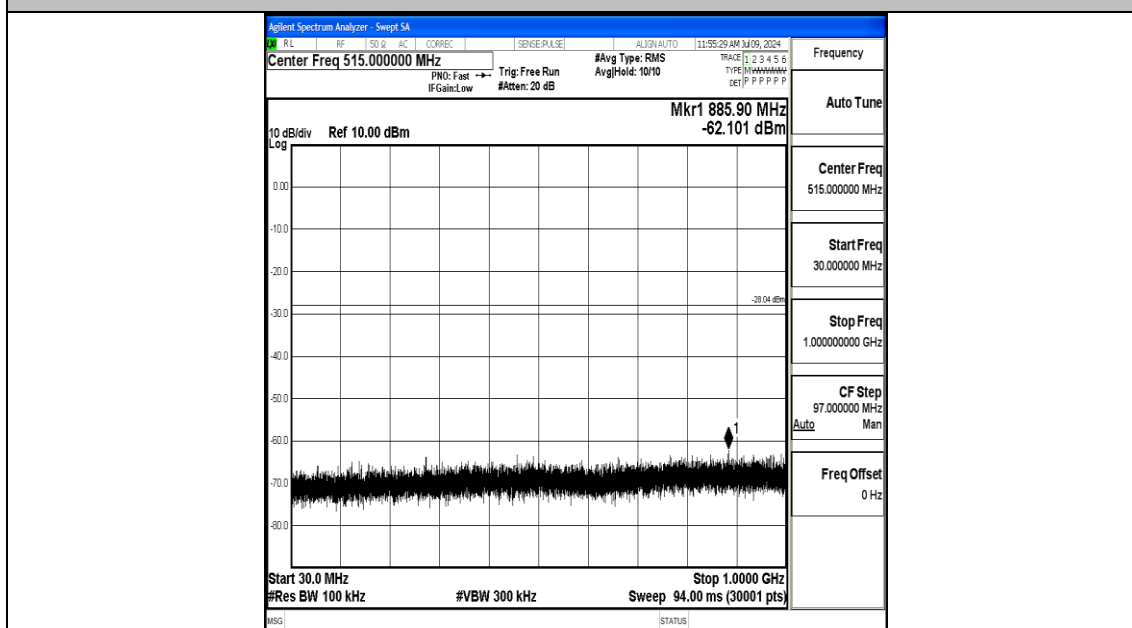
2DH5-Ant1-2480-30~1000-PASS



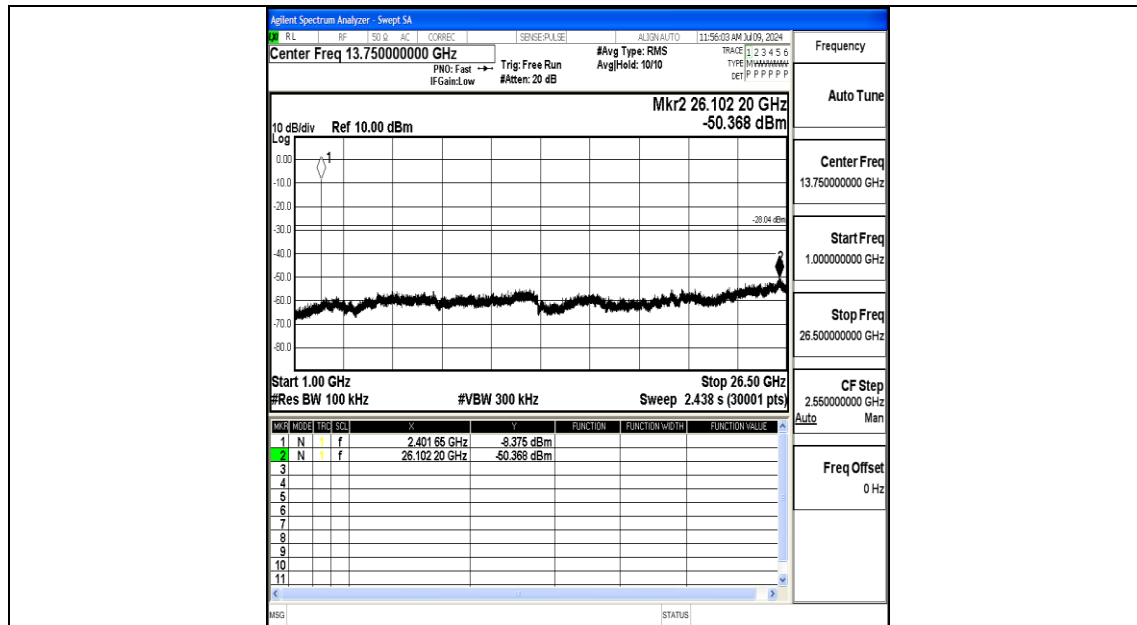
2DH5-Ant1-2480-1000~26500-PASS



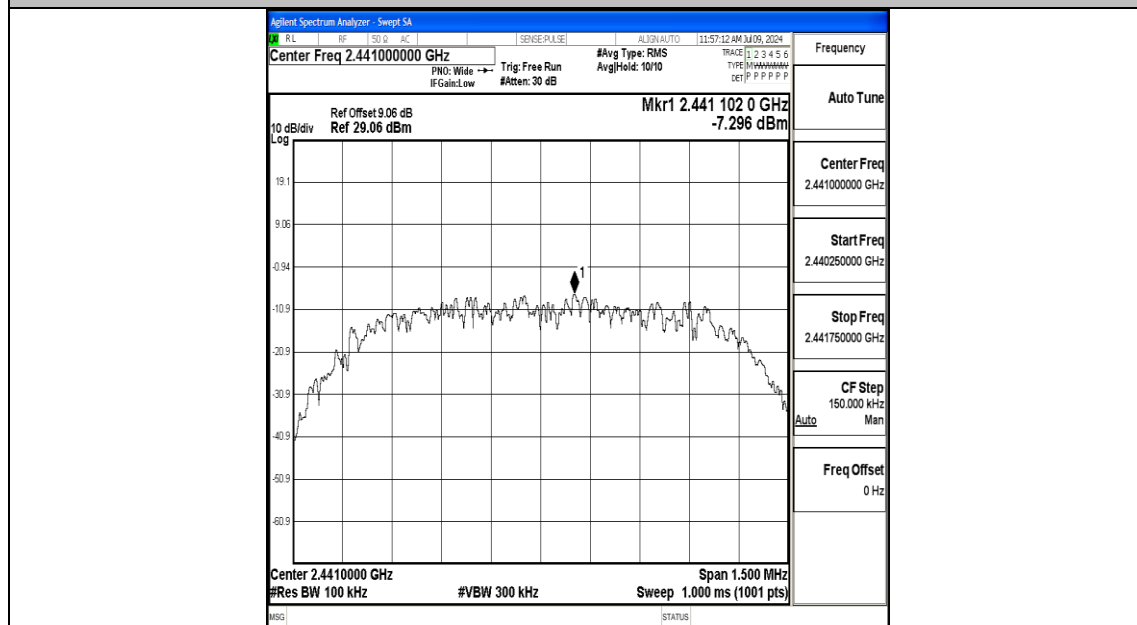
3DH5-Ant1-2402-0~Reference-PASS



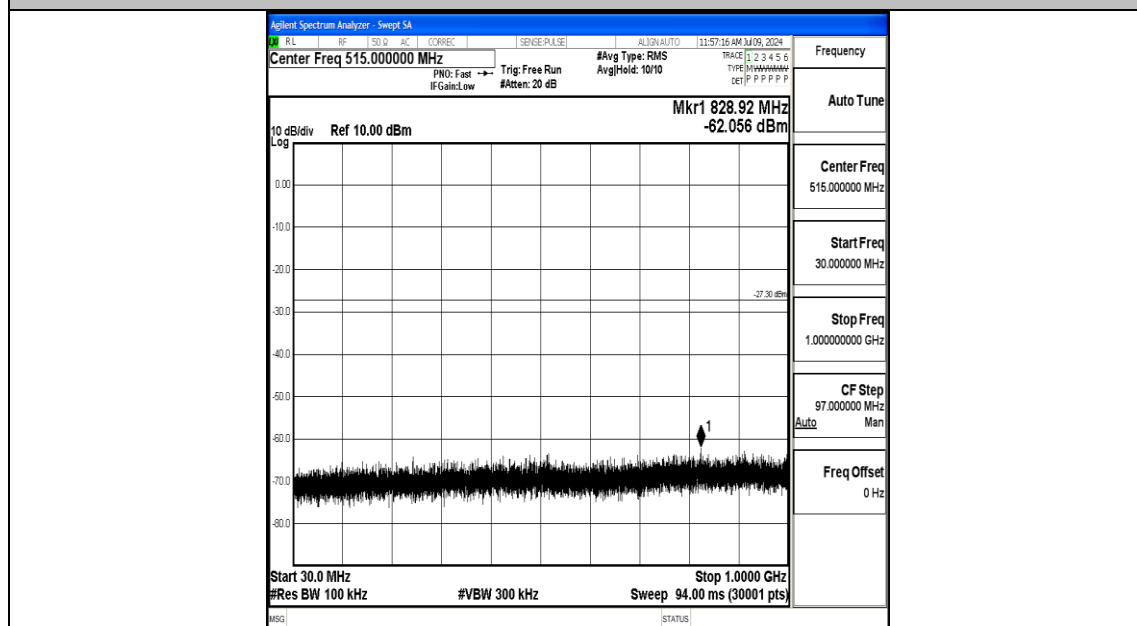
3DH5-Ant1-2402-30~1000-PASS



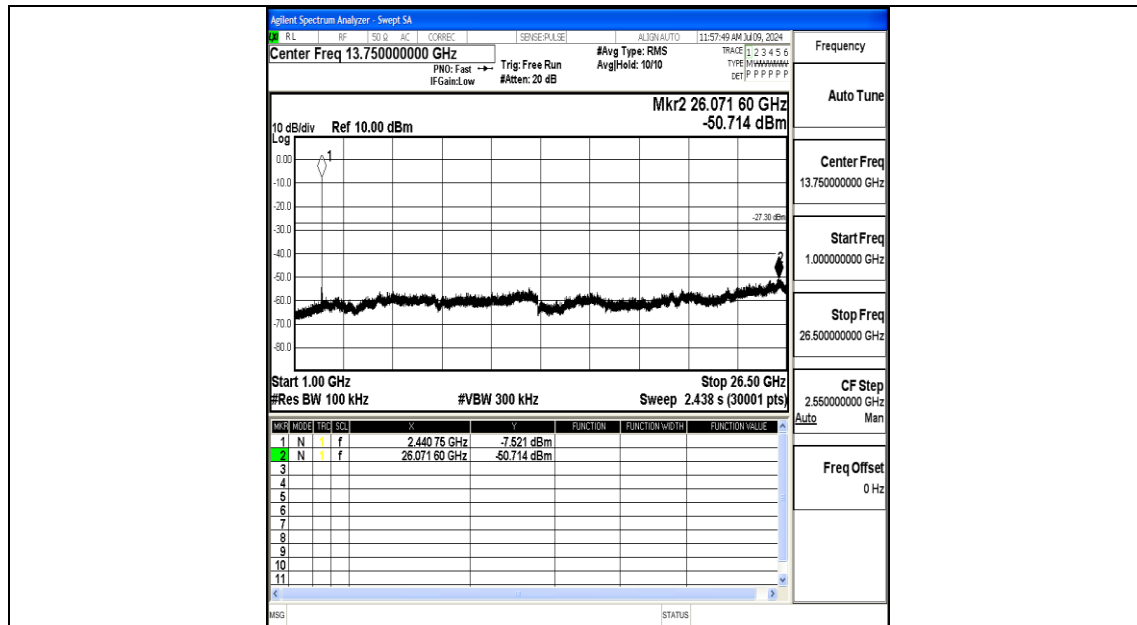
3DH5-Ant1-2402-1000~26500-PASS



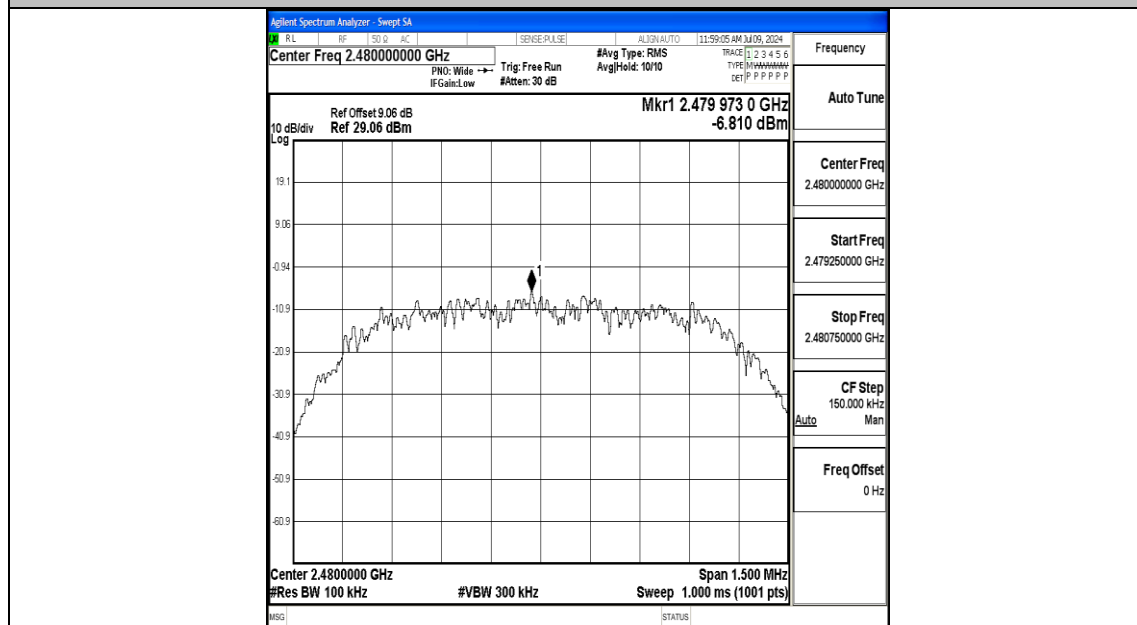
3DH5-Ant1-2441-0~Reference-PASS



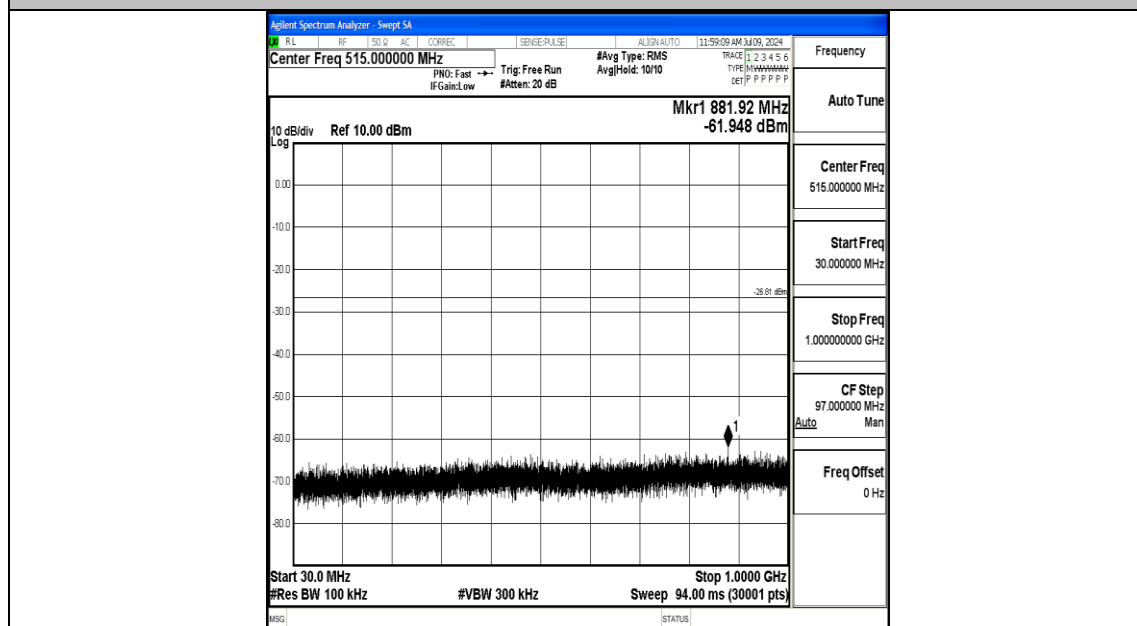
3DH5-Ant1-2441-30~1000-PASS



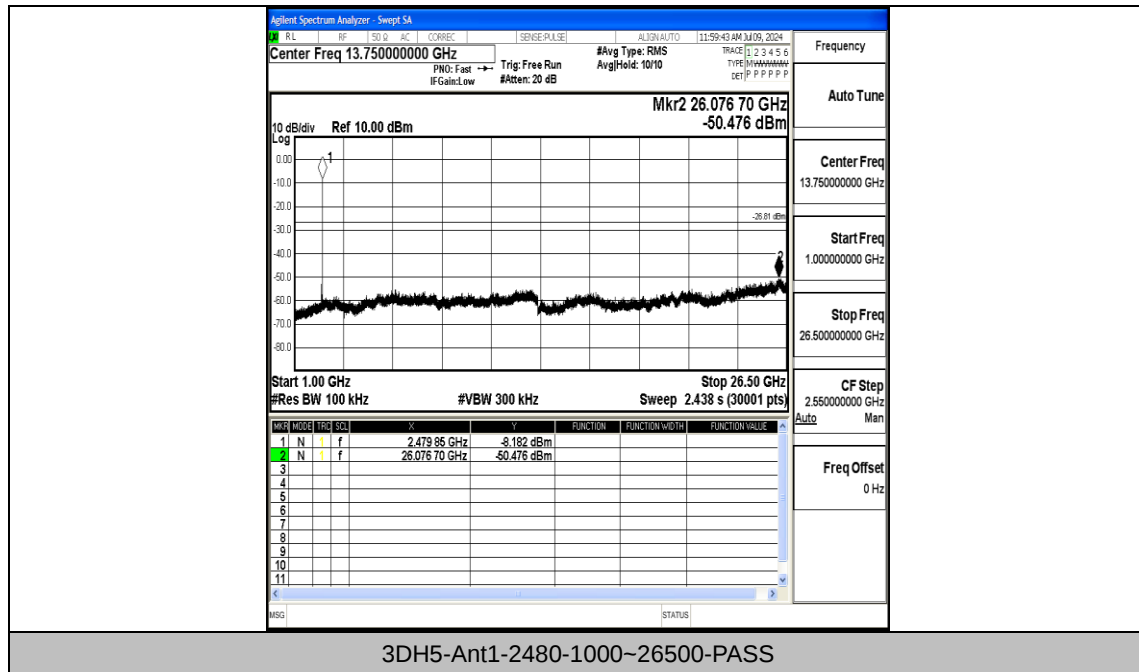
3DH5-Ant1-2441-1000~26500-PASS



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



3DH5-Ant1-2480-30~1000-PASS

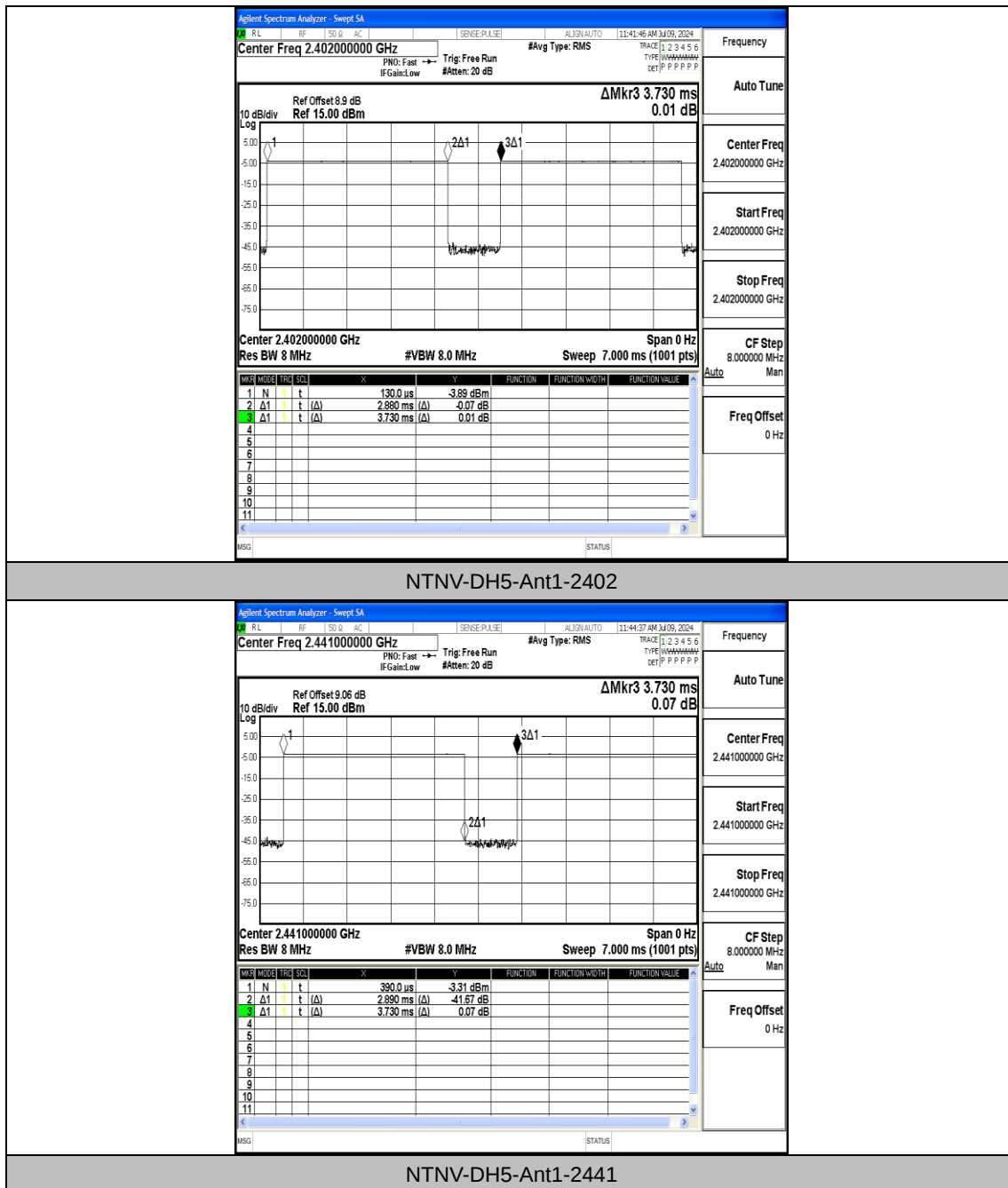


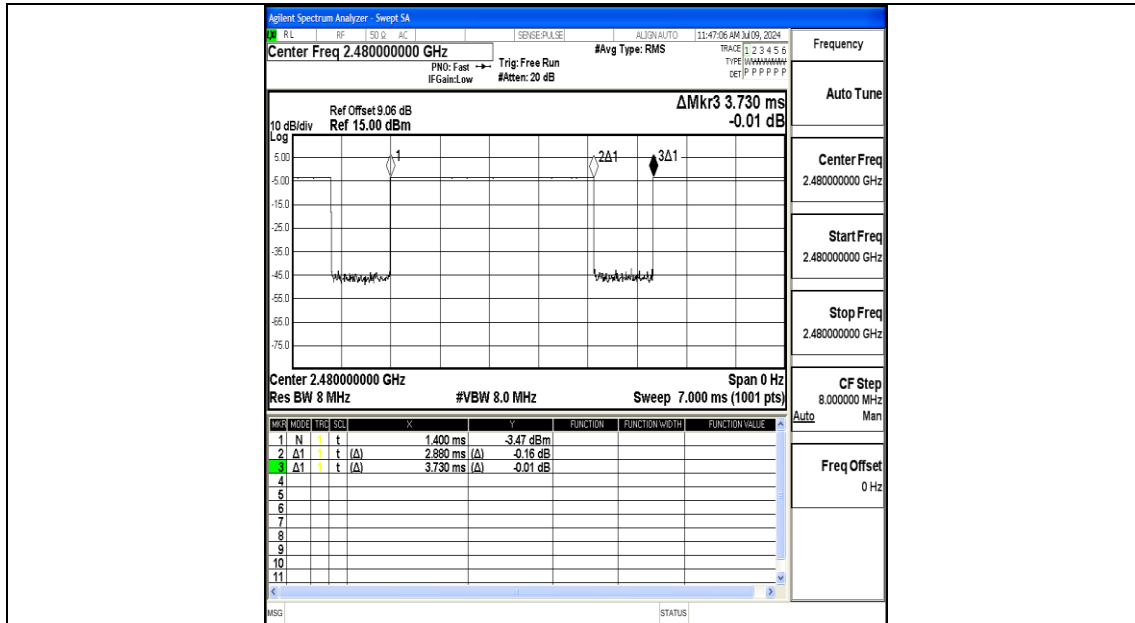
Appendix I: Duty Cycle

Test Result

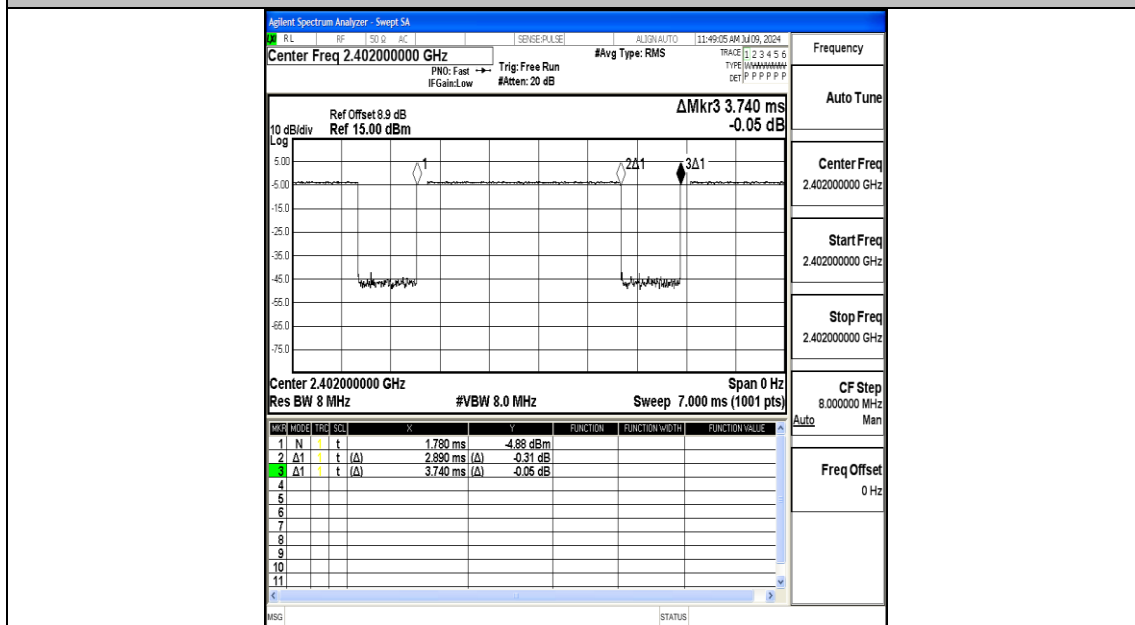
TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.73	77.21	1.12
DH5	Ant1	2441	2.89	3.73	77.48	1.11
DH5	Ant1	2480	2.88	3.73	77.21	1.12
2DH5	Ant1	2402	2.89	3.74	77.27	1.12
2DH5	Ant1	2441	2.89	3.73	77.48	1.11
2DH5	Ant1	2480	2.90	3.74	77.54	1.10
3DH5	Ant1	2402	2.89	3.74	77.27	1.12
3DH5	Ant1	2441	2.89	3.74	77.27	1.12
3DH5	Ant1	2480	2.89	3.73	77.48	1.11

Test Graphs

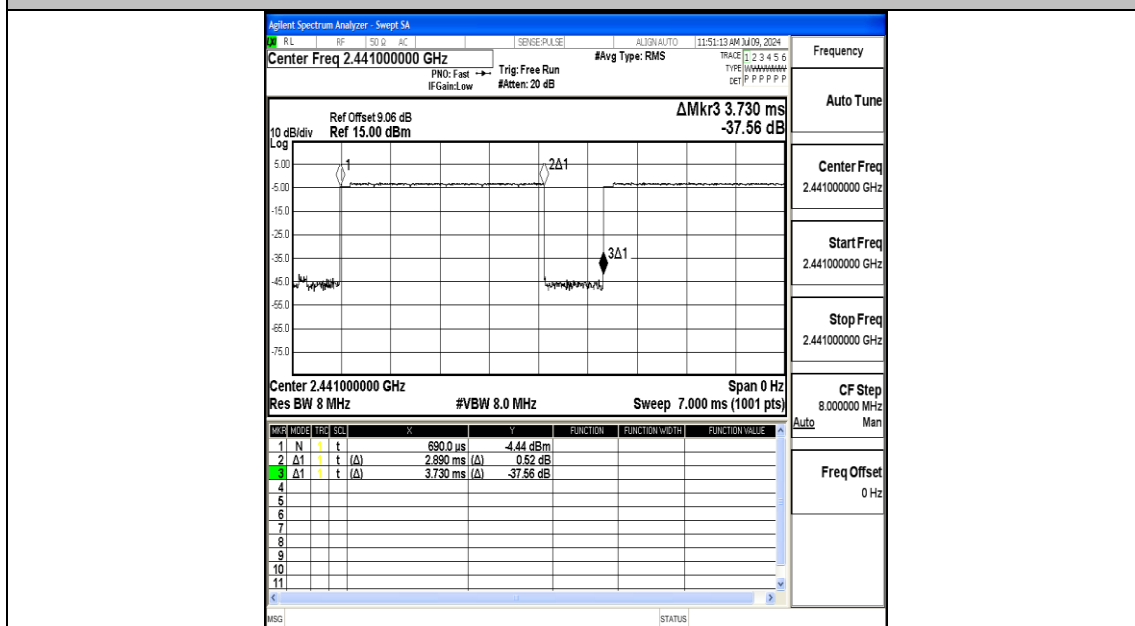




NTNV-DH5-Ant1-2480



NTNV-2DH5-Ant1-2402



NTNV-2DH5-Ant1-2441

