

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

Product Name: Wireless Remote Control

Trade Mark: N/A

Test Model: C10

FCC ID: 2BCRG-C10

Environmental Conditions

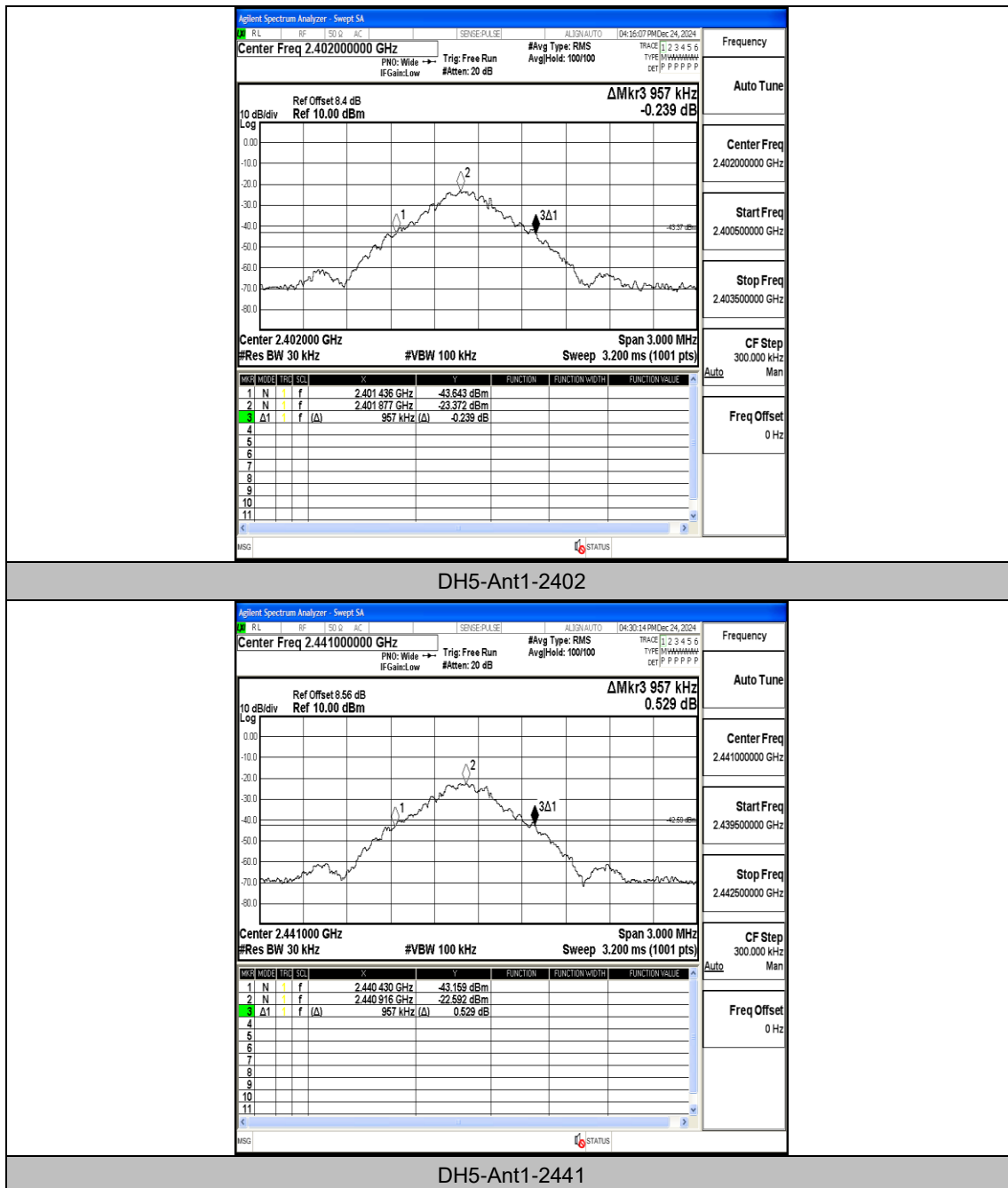
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

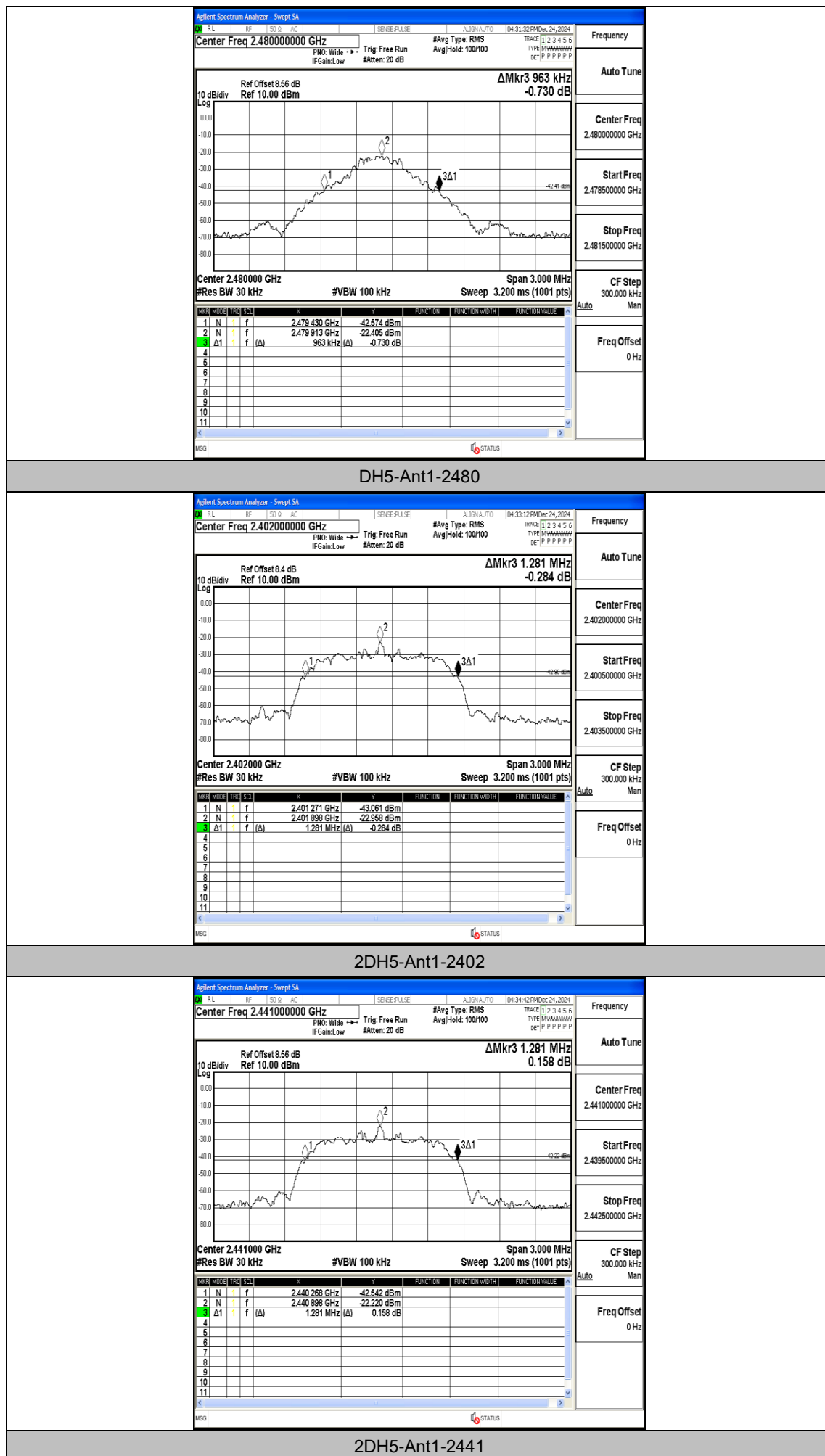
Appendix A: 20dB Emission Bandwidth

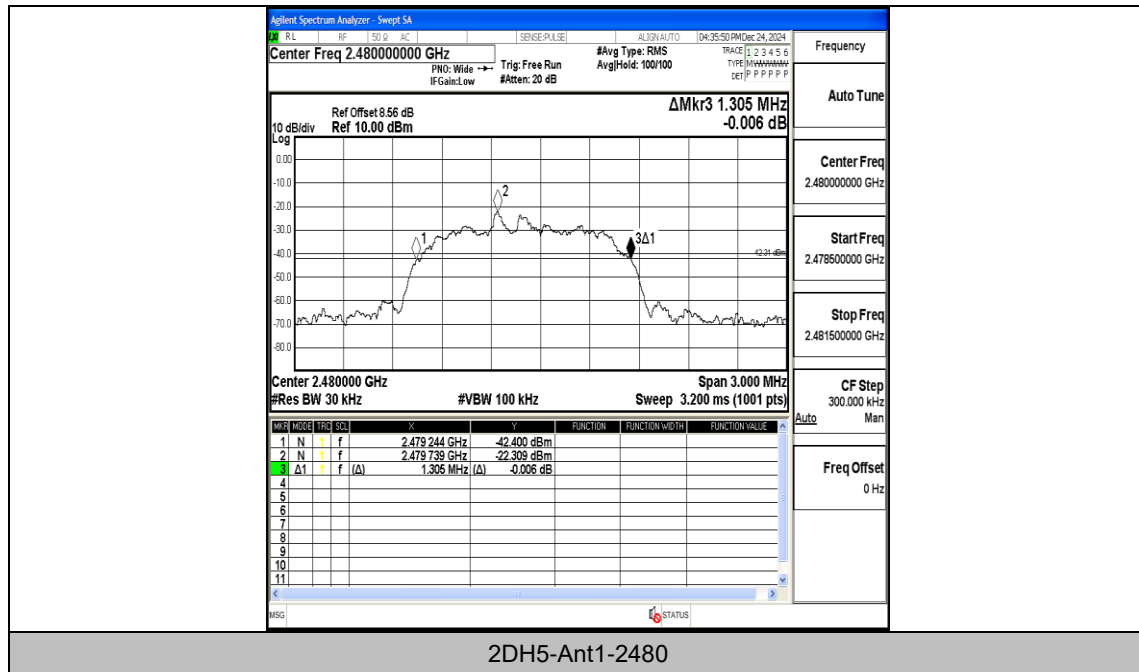
Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.957	2401.436	2402.393	---	---
DH5	Ant1	2441	0.957	2440.430	2441.387	---	---
DH5	Ant1	2480	0.963	2479.430	2480.393	---	---
2DH5	Ant1	2402	1.281	2401.271	2402.552	---	---
2DH5	Ant1	2441	1.281	2440.268	2441.549	---	---
2DH5	Ant1	2480	1.305	2479.244	2480.549	---	---

Test Graphs





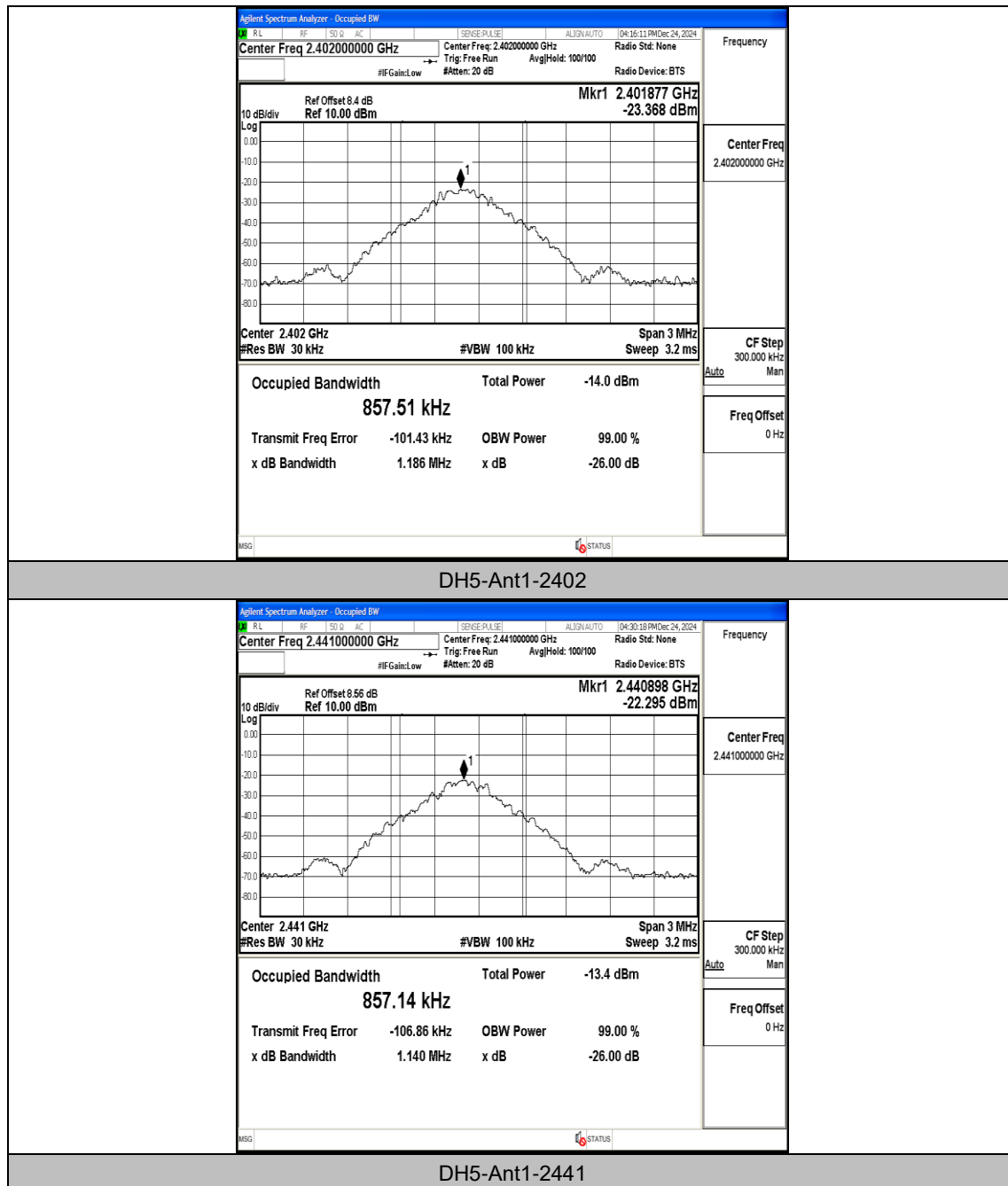


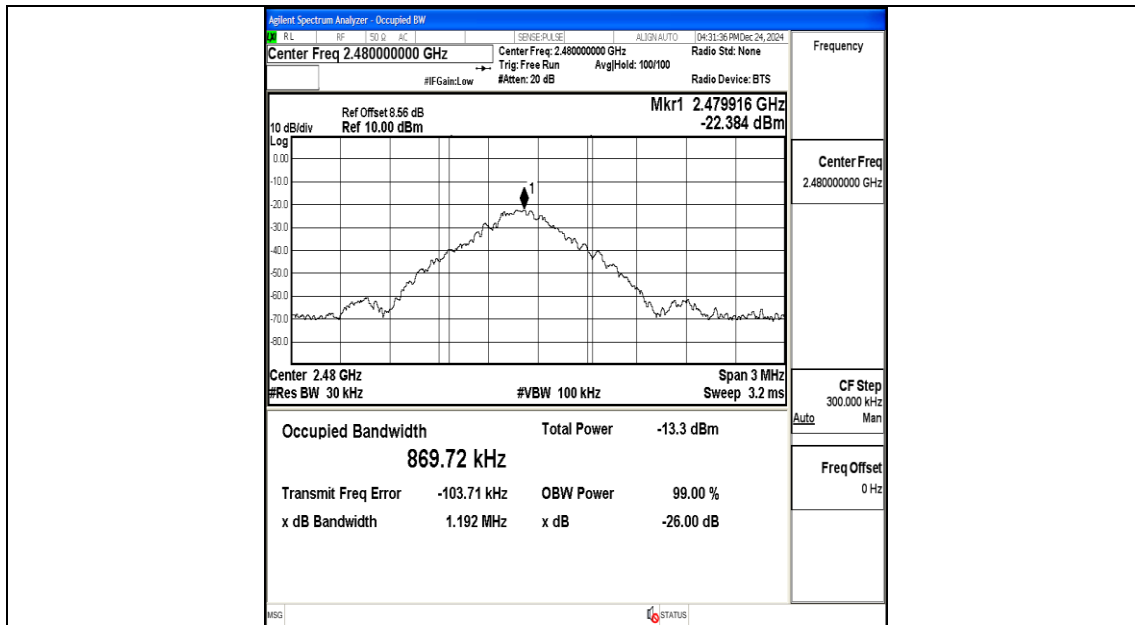
Appendix B: Occupied Channel Bandwidth

Test Result

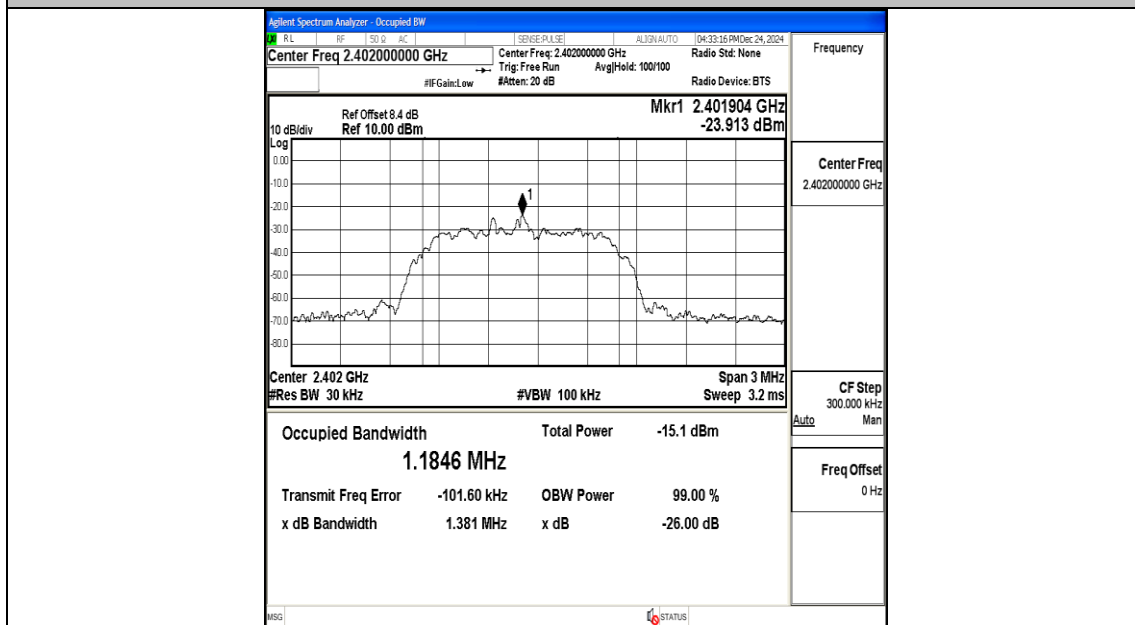
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.85751	2401.4698	2402.3273	---	---
DH5	Ant1	2441	0.85714	2440.4646	2441.3217	---	---
DH5	Ant1	2480	0.86972	2479.4614	2480.3312	---	---
2DH5	Ant1	2402	1.1846	2401.3061	2402.4907	---	---
2DH5	Ant1	2441	1.1848	2440.3049	2441.4897	---	---
2DH5	Ant1	2480	1.1700	2479.3153	2480.4853	---	---

Test Graphs

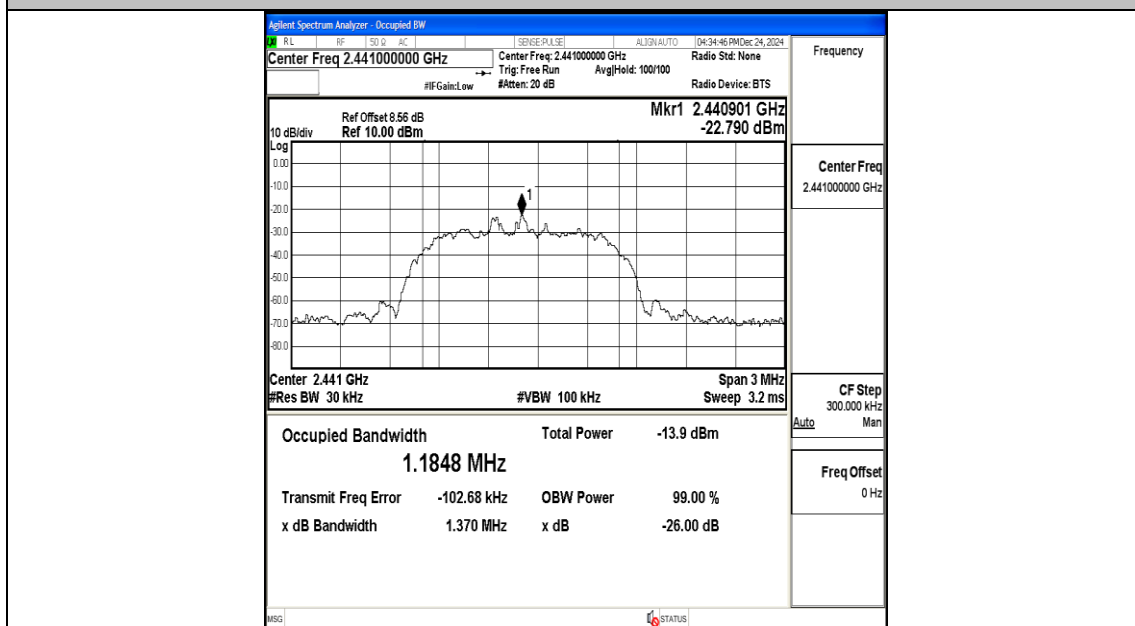




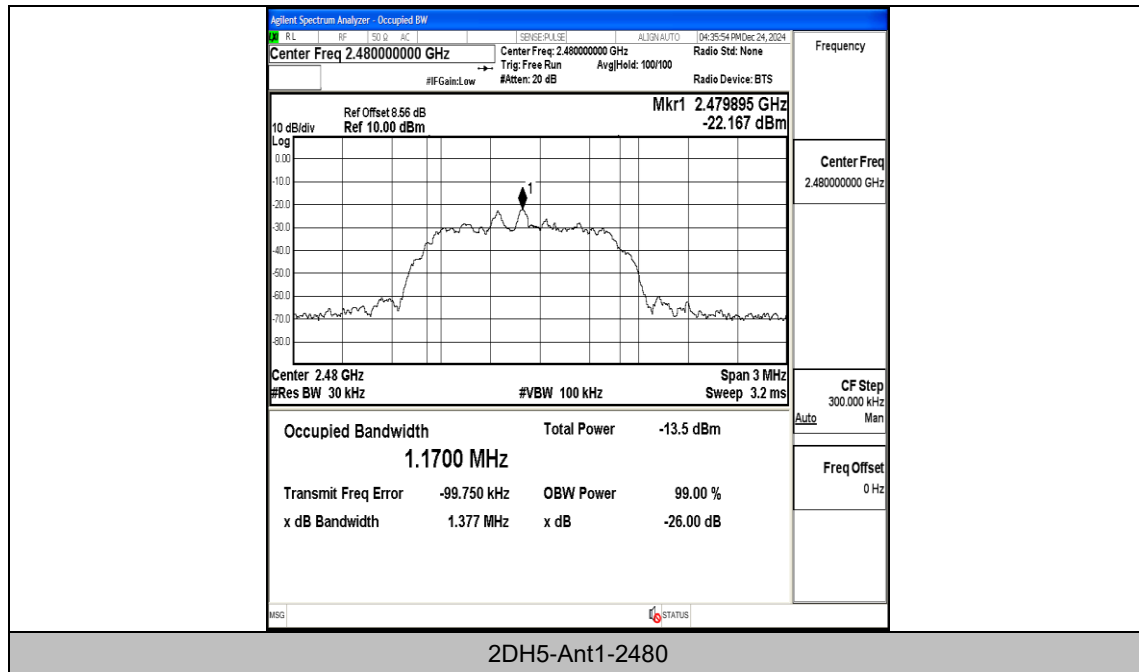
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441

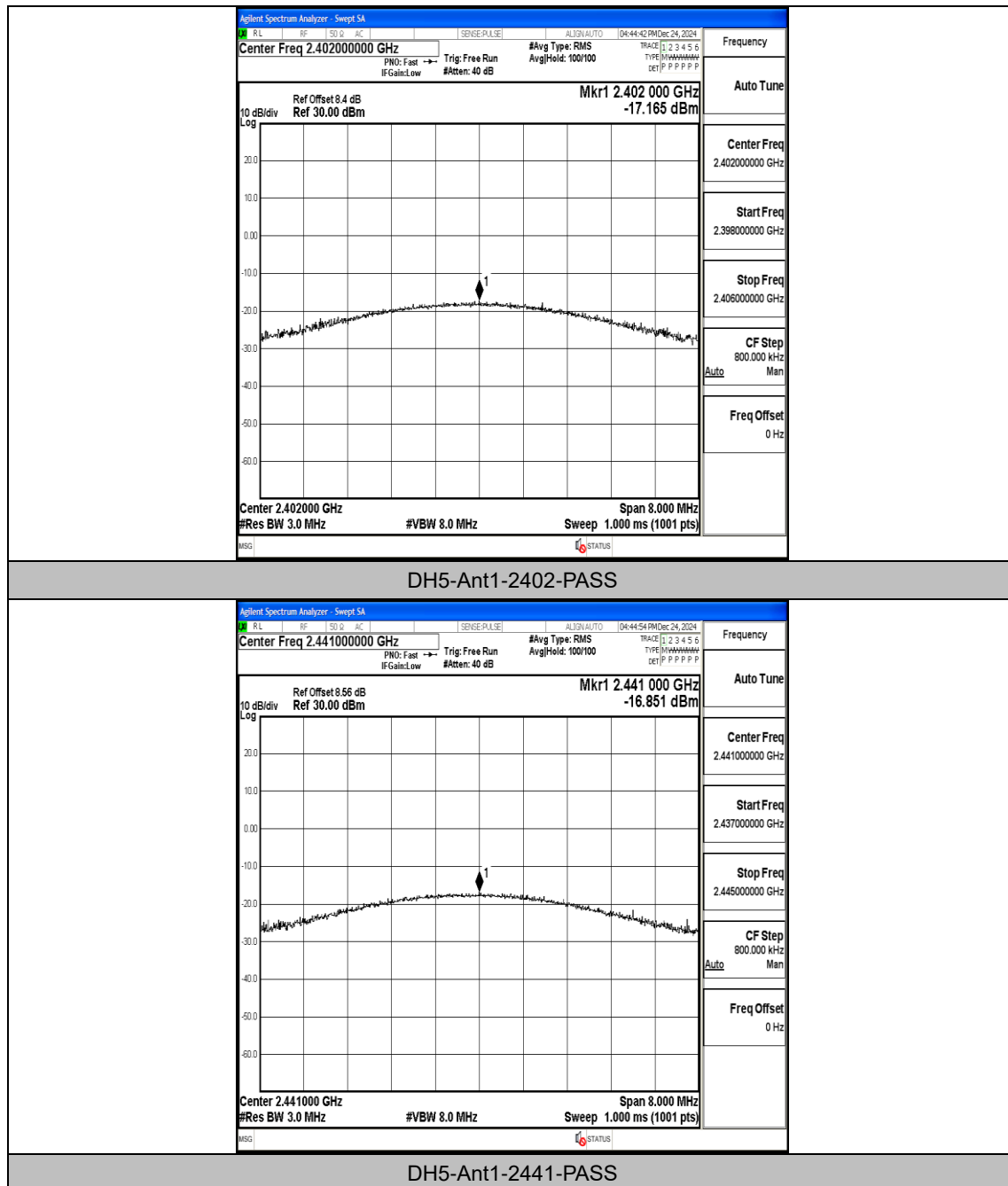


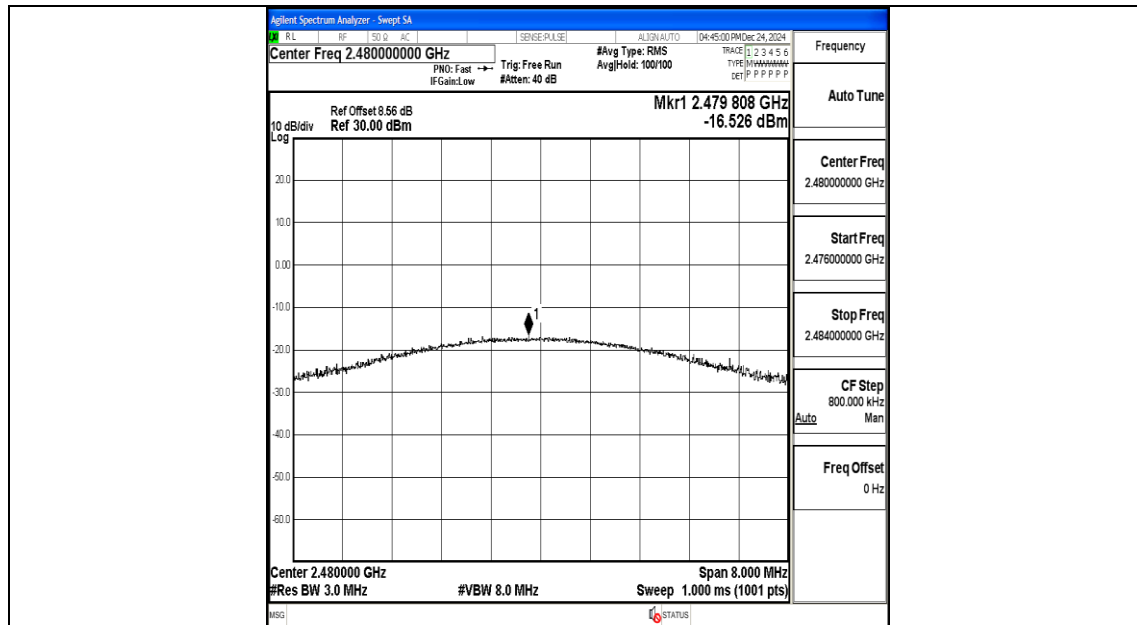
Appendix C: Maximum peak conducted output power

Test Result

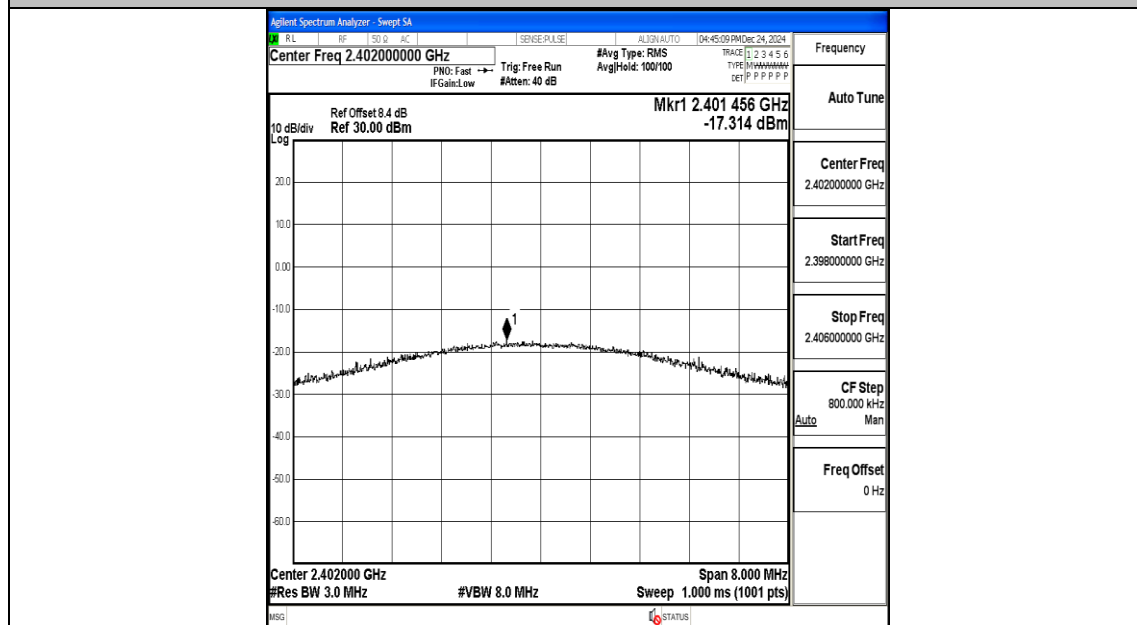
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
DH5	Ant1	2402	-17.17	≤30	PASS
DH5	Ant1	2441	-16.85	≤30	PASS
DH5	Ant1	2480	-16.53	≤30	PASS
2DH5	Ant1	2402	-17.31	≤20.97	PASS
2DH5	Ant1	2441	-16.57	≤20.97	PASS
2DH5	Ant1	2480	-16.65	≤20.97	PASS

Test Graphs

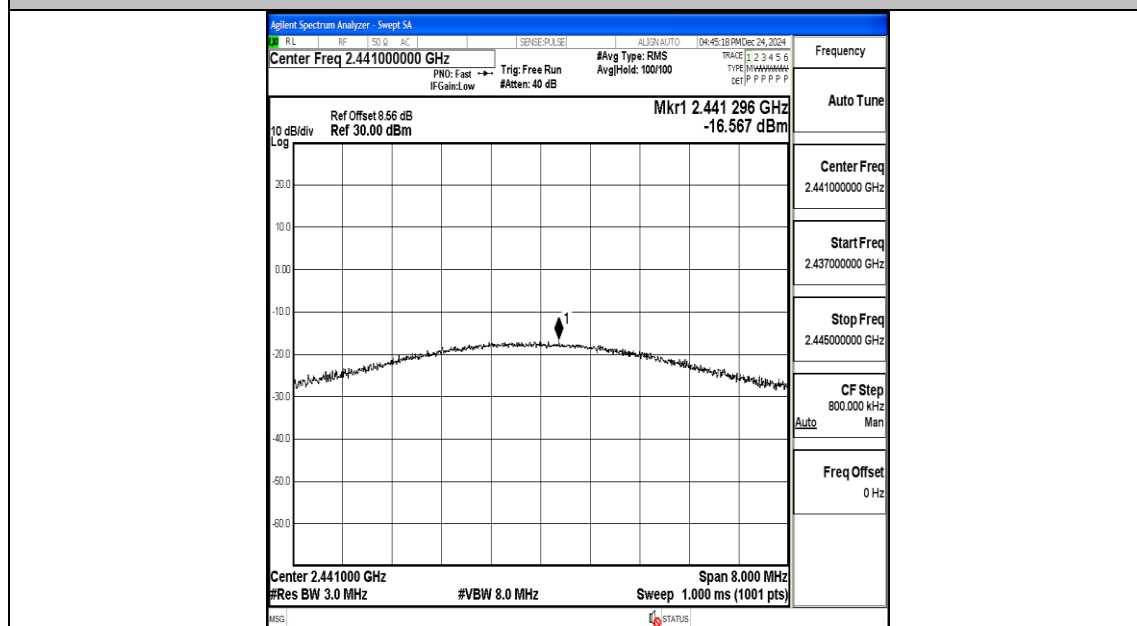




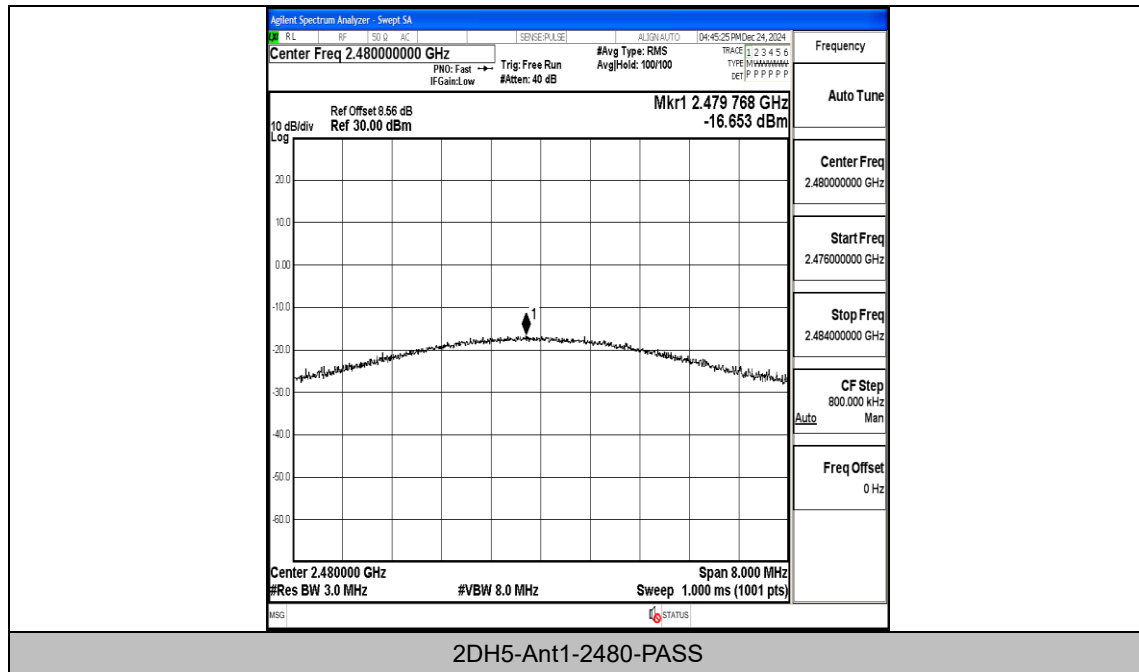
DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS

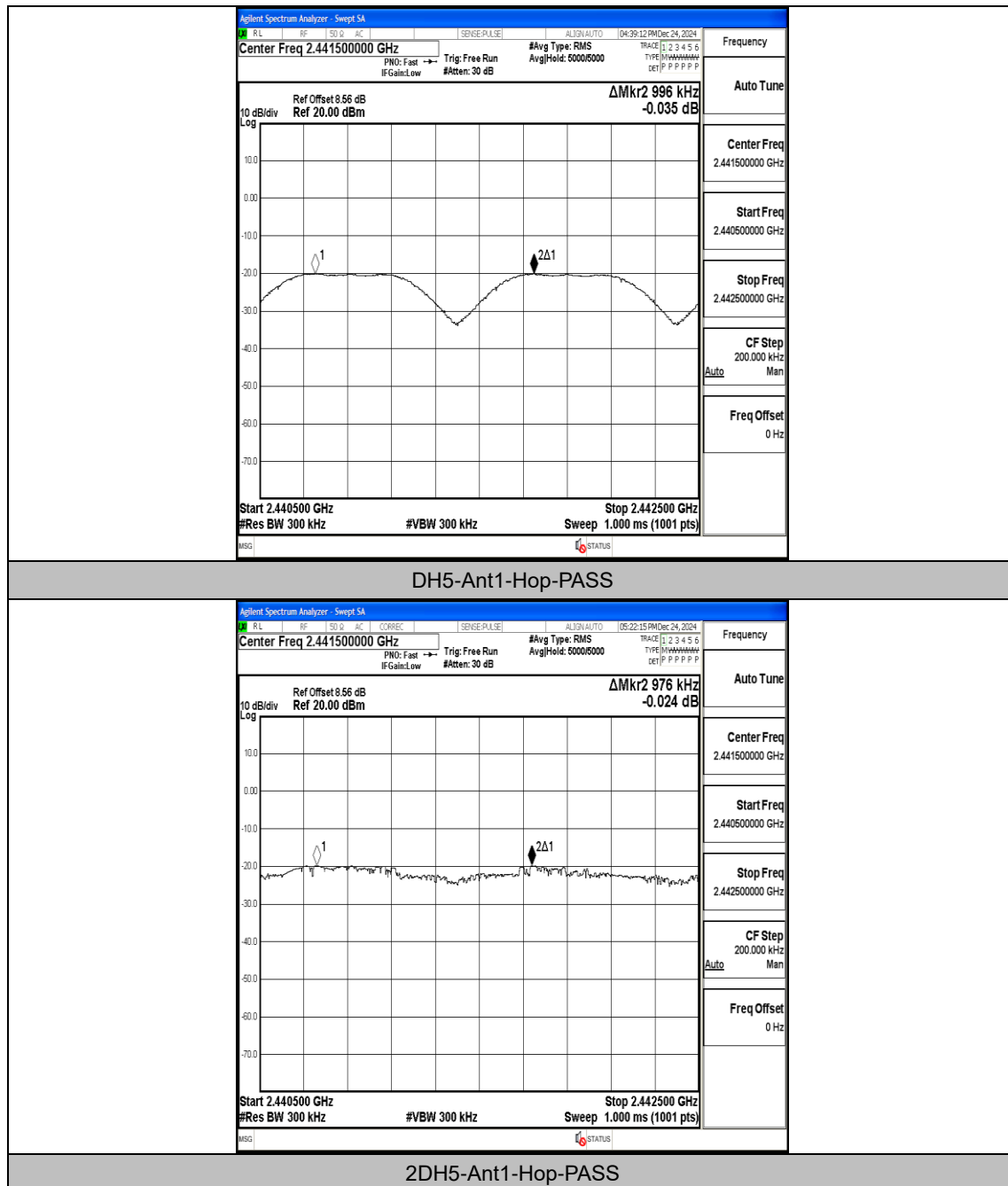


Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	0.996	≥ 0.963	PASS
2DH5	Ant1	Hop	0.976	≥ 0.870	PASS

Test Graphs

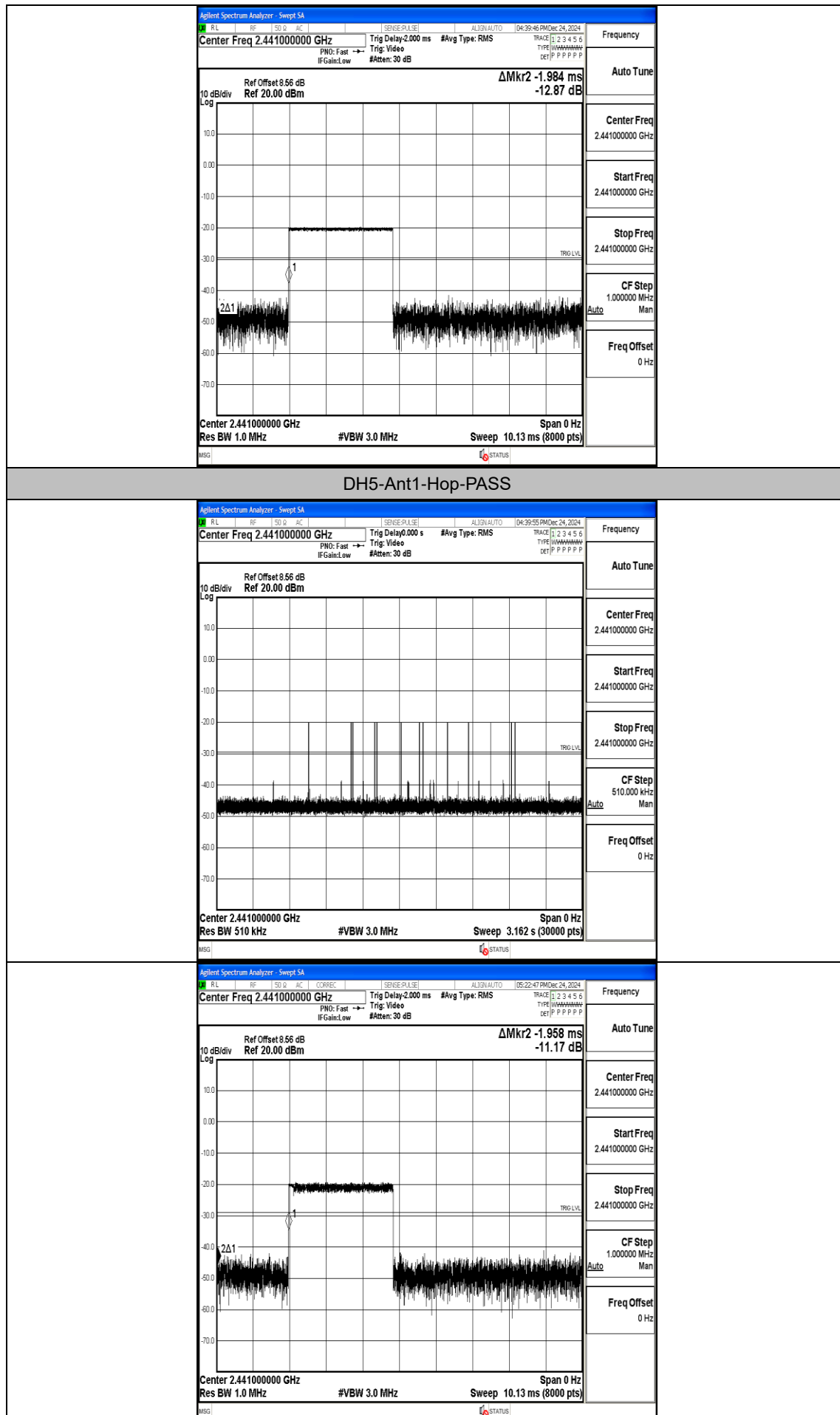


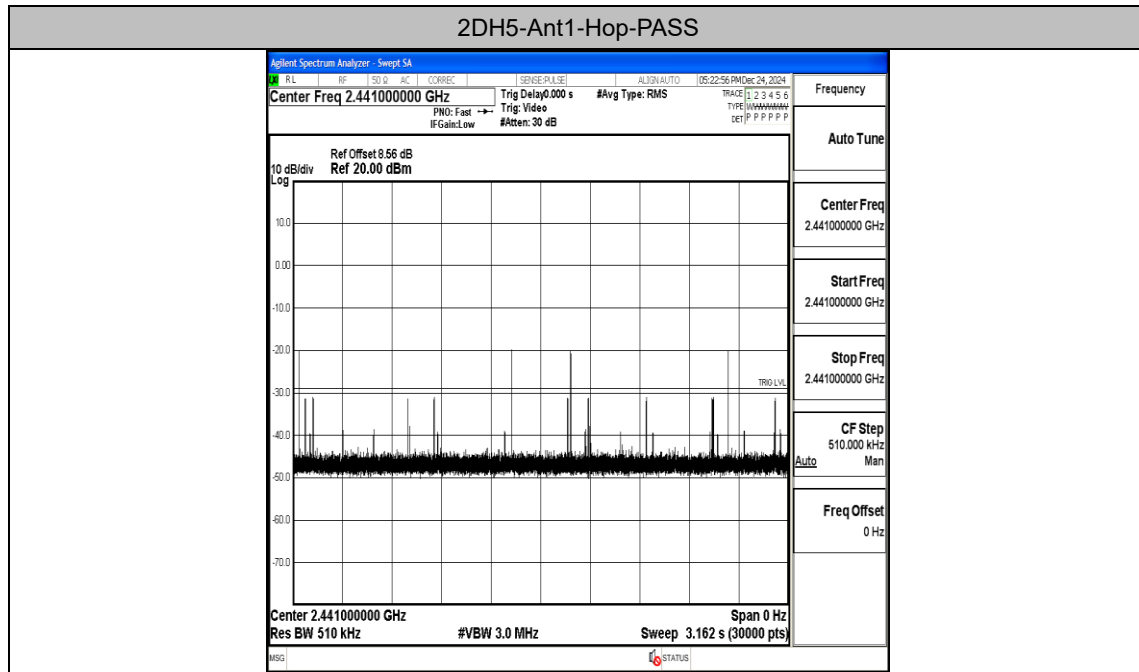
Appendix E: Time of occupancy

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	TotalHops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	-1.984	150	-0.298	≤0.4	PASS
2DH5	Ant1	Hop	-1.958	50	-0.098	≤0.4	PASS

Test Graphs



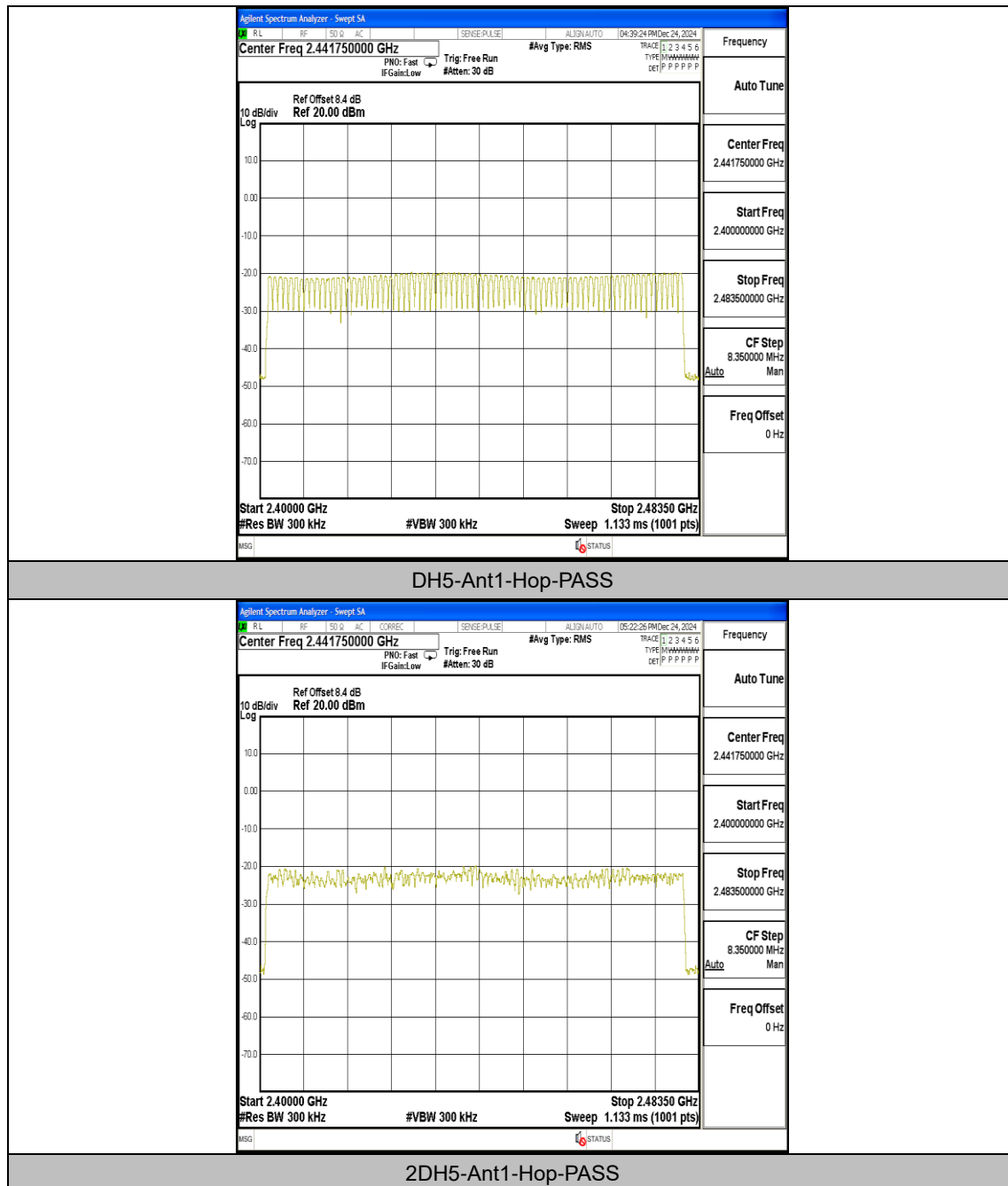


Appendix F: Number of hopping channels

Test Result

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

Test Graphs

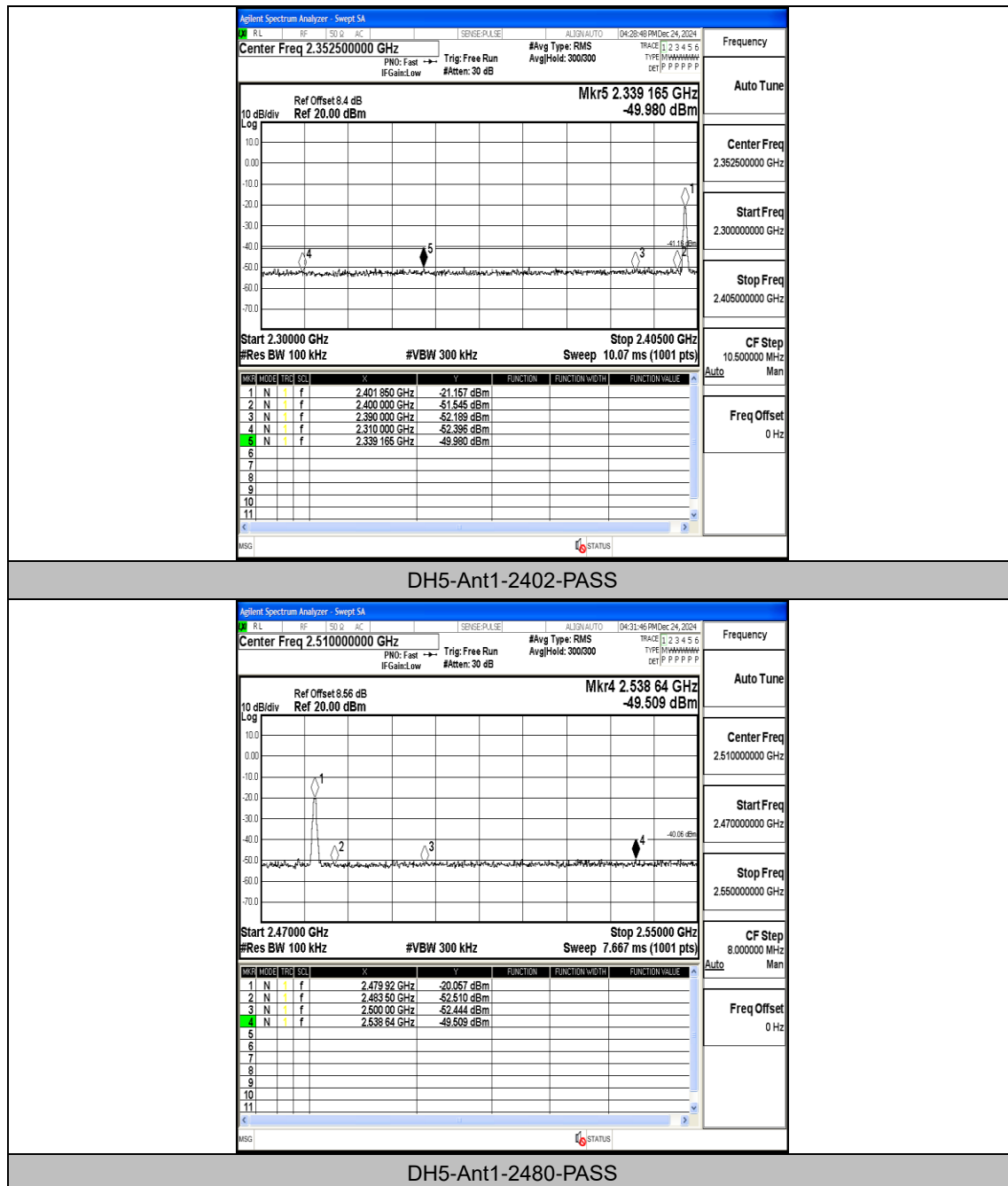


Appendix G: Band edge measurements

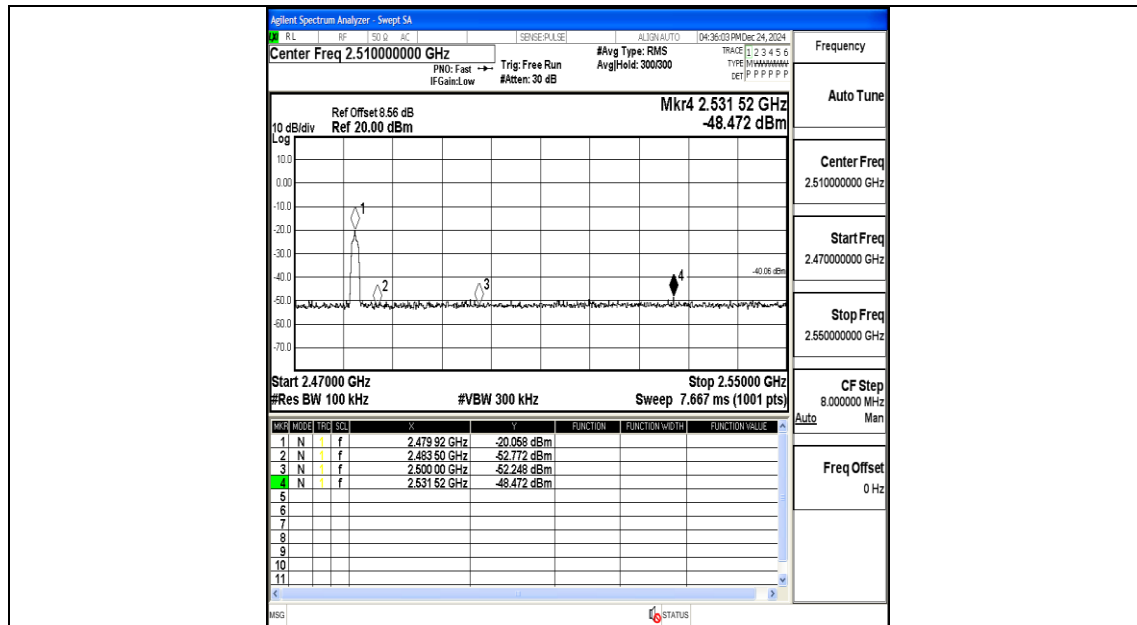
Test Result

Test Mode	Antenna	Ch.Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-21.16	-49.98	≤ -41.16	PASS
DH5	Ant1	High	2480	-20.06	-49.51	≤ -40.06	PASS
DH5	Ant1	Low	Hop_2402	-22.02	-50.08	≤ -42.02	PASS
DH5	Ant1	High	Hop_2480	-20.18	-49.48	≤ -40.18	PASS
2DH5	Ant1	Low	2402	-20.90	-50.23	≤ -40.9	PASS
2DH5	Ant1	High	2480	-20.06	-48.47	≤ -40.06	PASS
2DH5	Ant1	Low	Hop_2402	-24.90	-50.27	≤ -44.9	PASS
2DH5	Ant1	High	Hop_2480	-23.72	-49.62	≤ -43.72	PASS

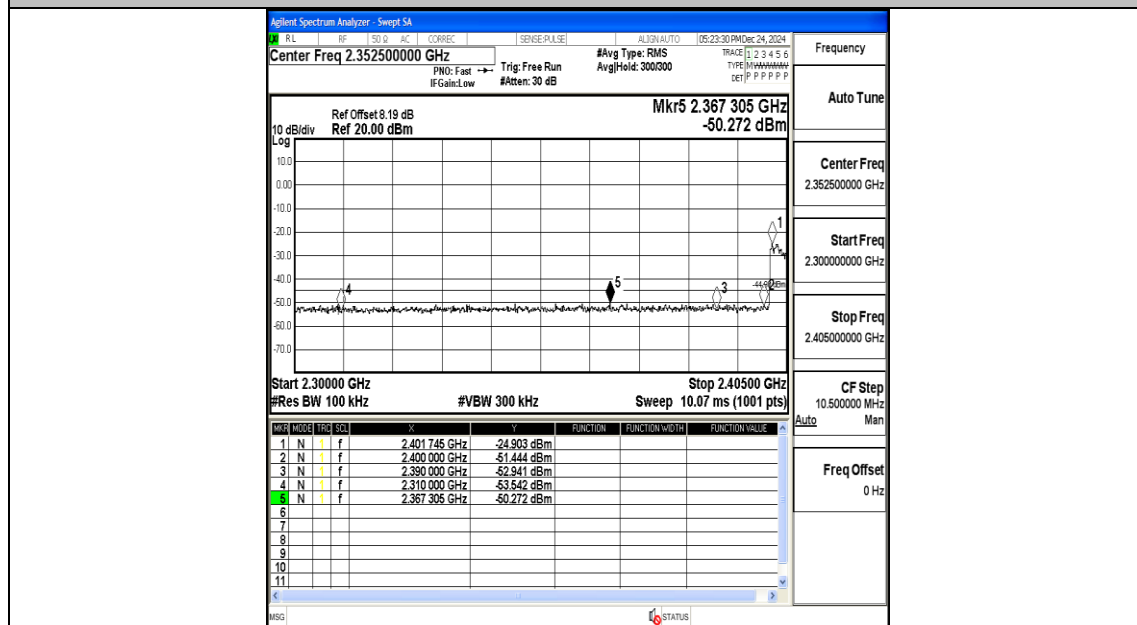
Test Graphs



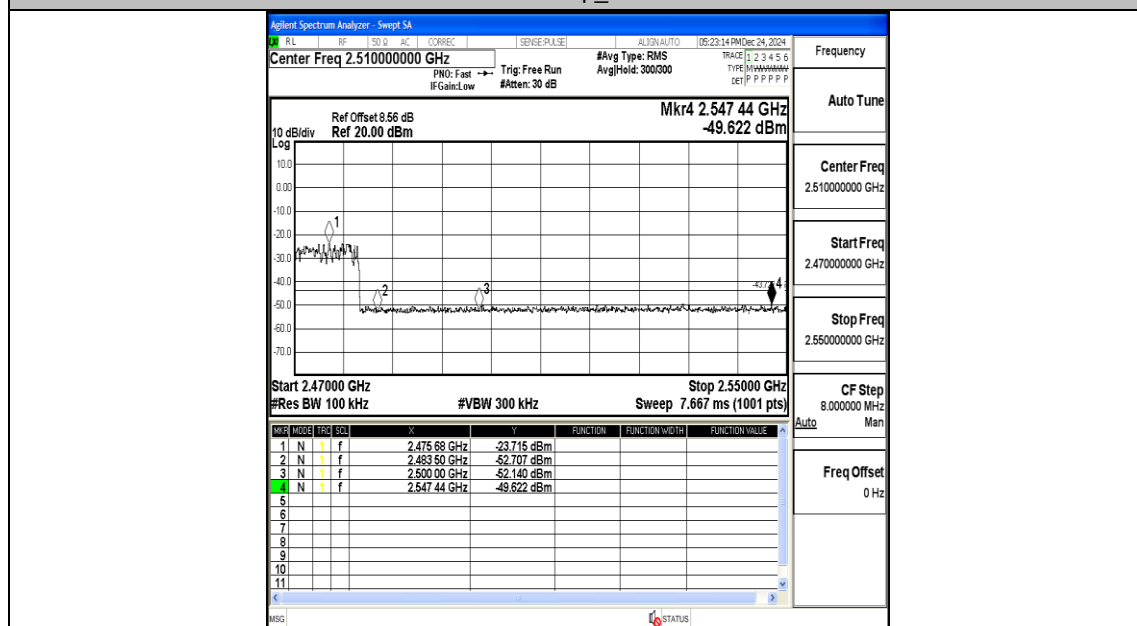




2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS



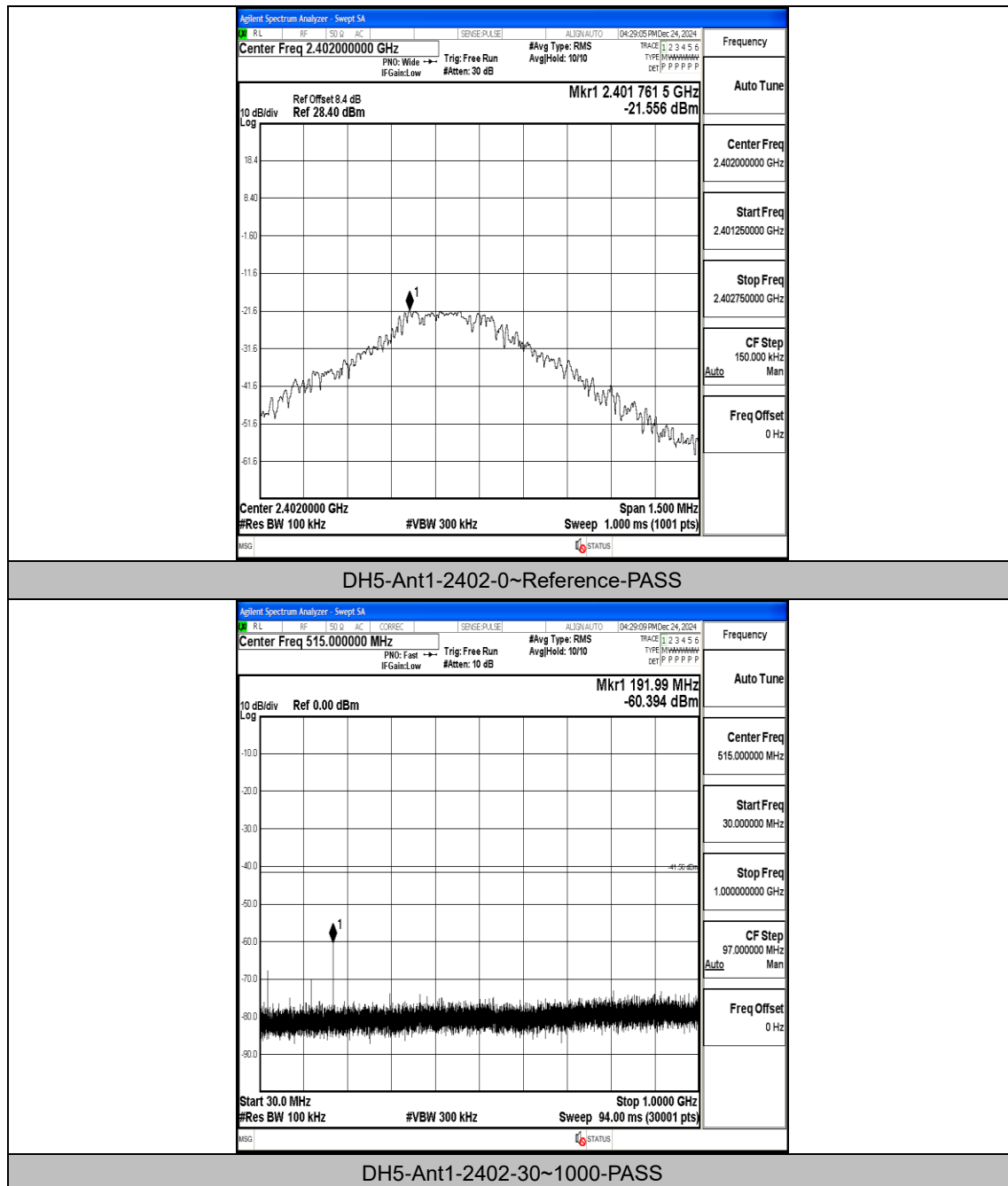
2DH5-Ant1-Hop_2480-PASS

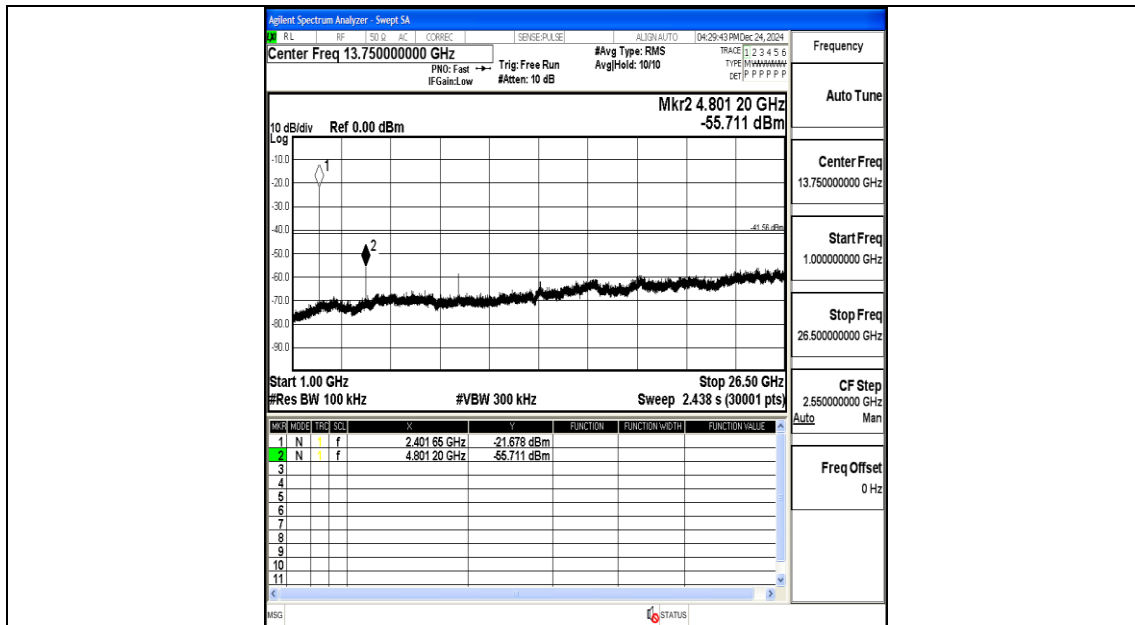
Appendix H: Conducted Spurious Emission

Test Result

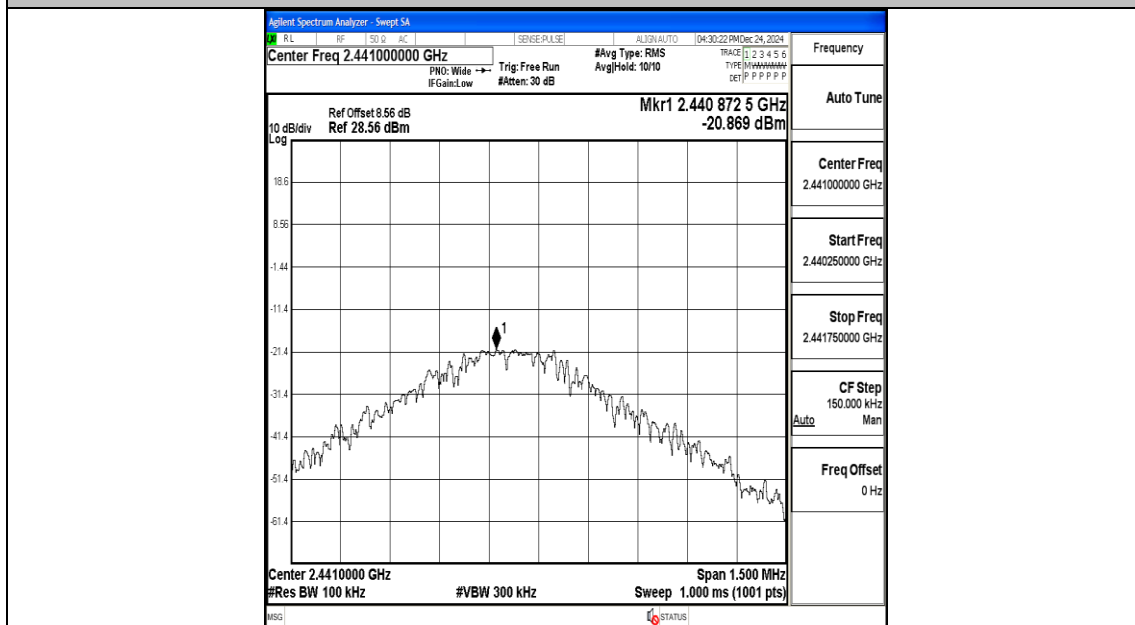
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-21.56	-21.56	---	PASS
DH5	Ant1	2402	30~1000	-21.56	-60.39	≤-41.56	PASS
DH5	Ant1	2402	1000~26500	-21.56	-55.71	≤-41.56	PASS
DH5	Ant1	2441	0~Reference	-20.87	-20.87	---	PASS
DH5	Ant1	2441	30~1000	-20.87	-49.69	≤-40.87	PASS
DH5	Ant1	2441	1000~26500	-20.87	-54.39	≤-40.87	PASS
DH5	Ant1	2480	0~Reference	-20.78	-20.78	---	PASS
DH5	Ant1	2480	30~1000	-20.78	-67.51	≤-40.78	PASS
DH5	Ant1	2480	1000~26500	-20.78	-52.05	≤-40.78	PASS
2DH5	Ant1	2402	0~Reference	-23.49	-23.49	---	PASS
2DH5	Ant1	2402	30~1000	-23.49	-70.81	≤-43.49	PASS
2DH5	Ant1	2402	1000~26500	-23.49	-55.79	≤-43.49	PASS
2DH5	Ant1	2441	0~Reference	-23.50	-23.50	---	PASS
2DH5	Ant1	2441	30~1000	-23.50	-66.09	≤-43.5	PASS
2DH5	Ant1	2441	1000~26500	-23.50	-54.36	≤-43.5	PASS
2DH5	Ant1	2480	0~Reference	-23.64	-23.64	---	PASS
2DH5	Ant1	2480	30~1000	-23.64	-65.62	≤-43.64	PASS
2DH5	Ant1	2480	1000~26500	-23.64	-51.97	≤-43.64	PASS

Test Graphs

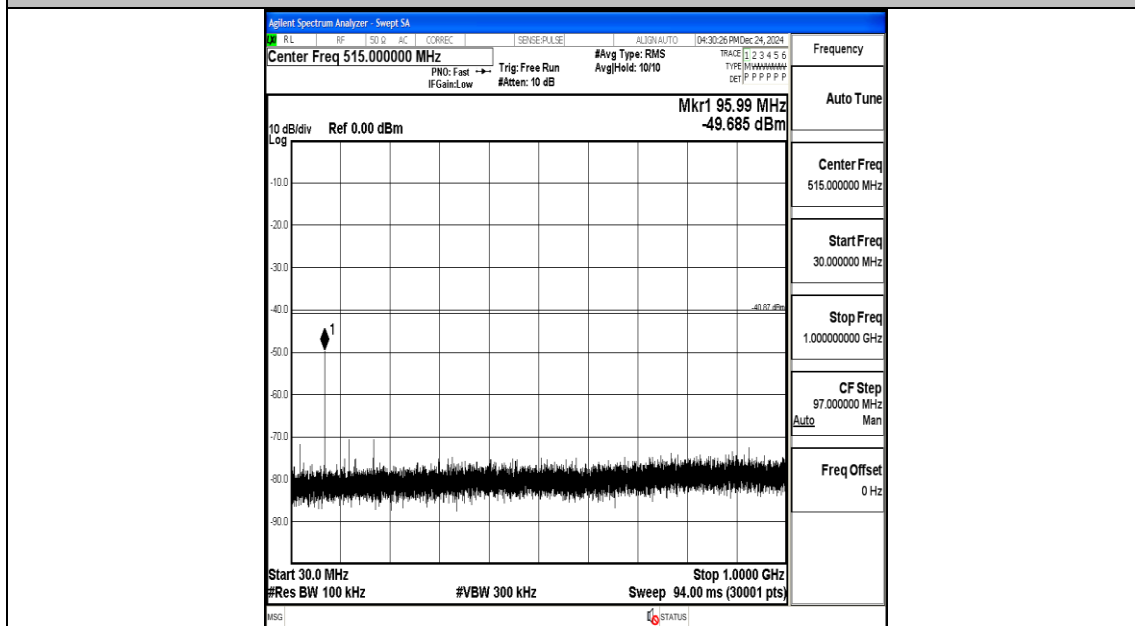




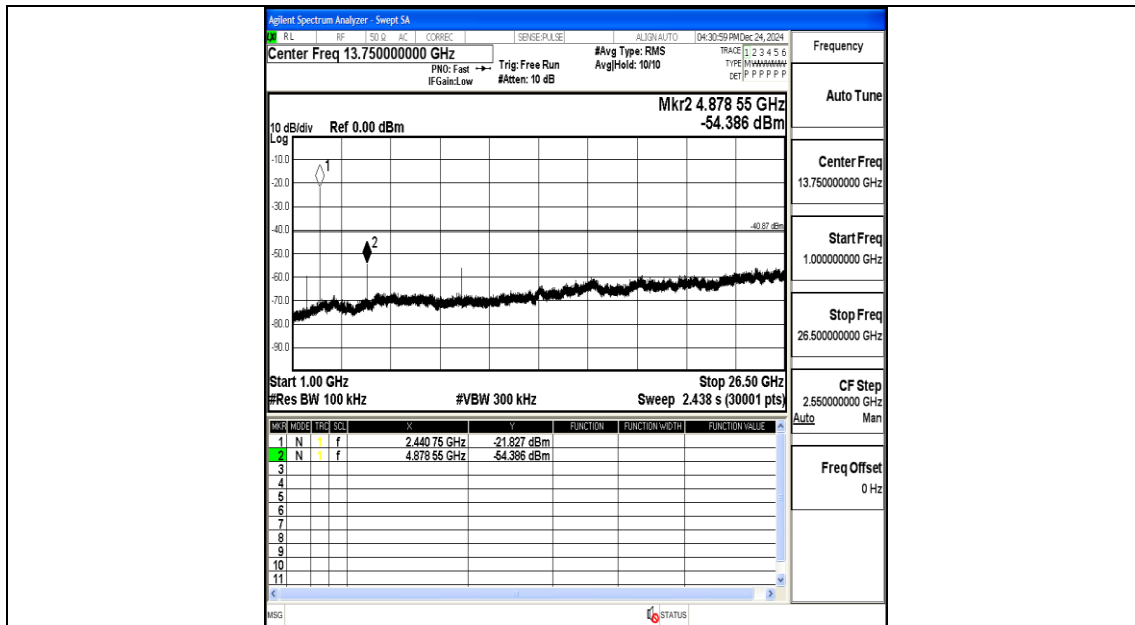
DH5-Ant1-2402-1000~26500-PASS



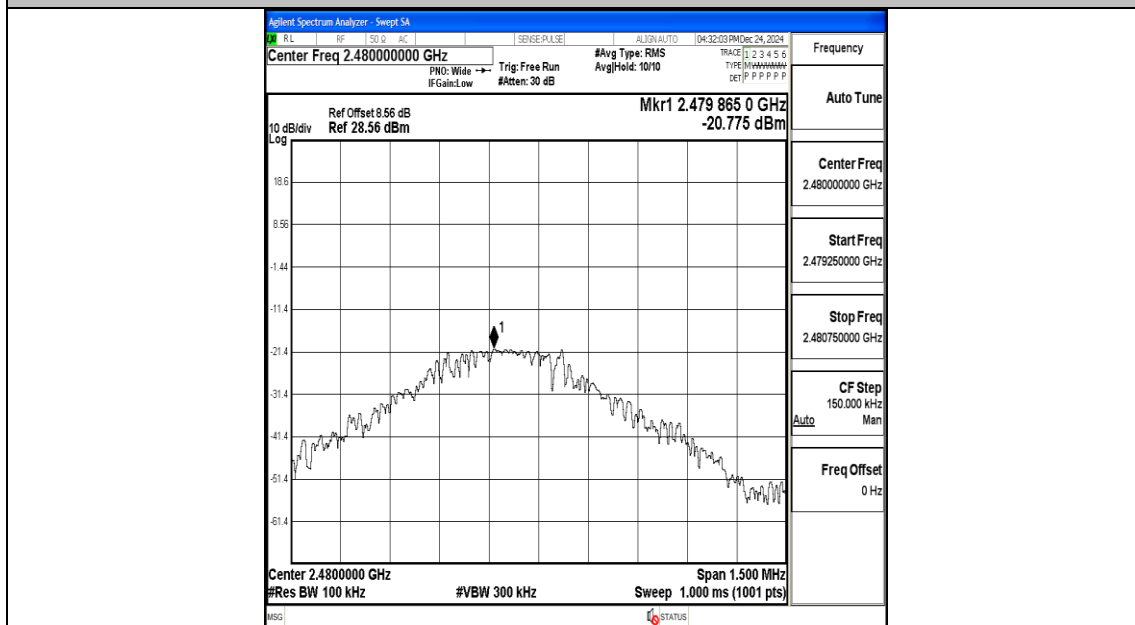
DH5-Ant1-2441-0~Reference-PASS



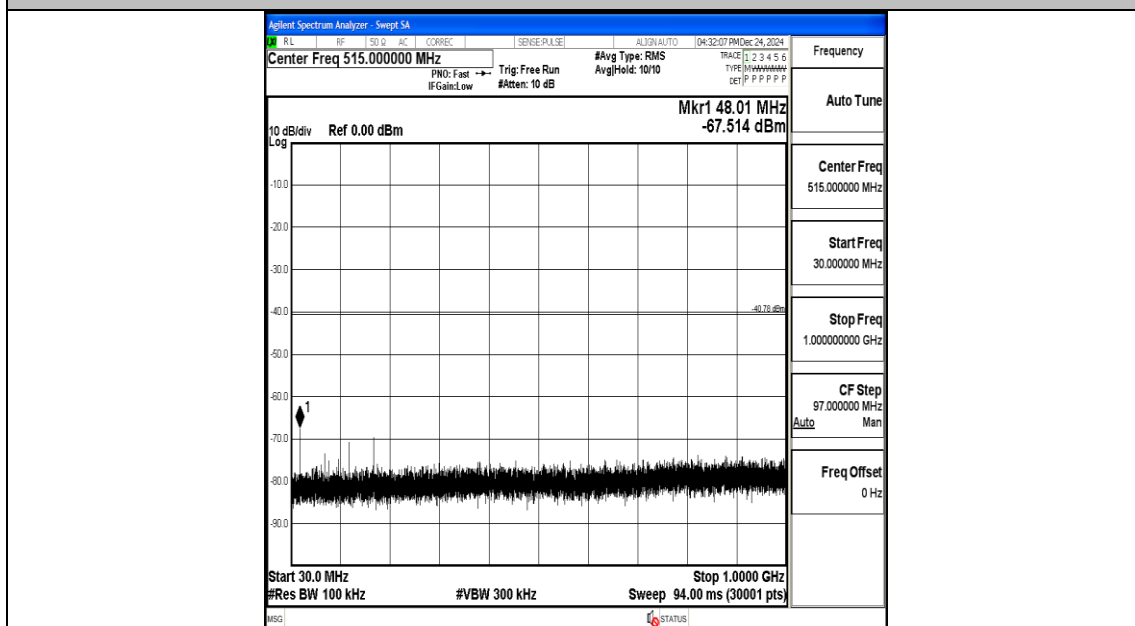
DH5-Ant1-2441-30~1000-PASS



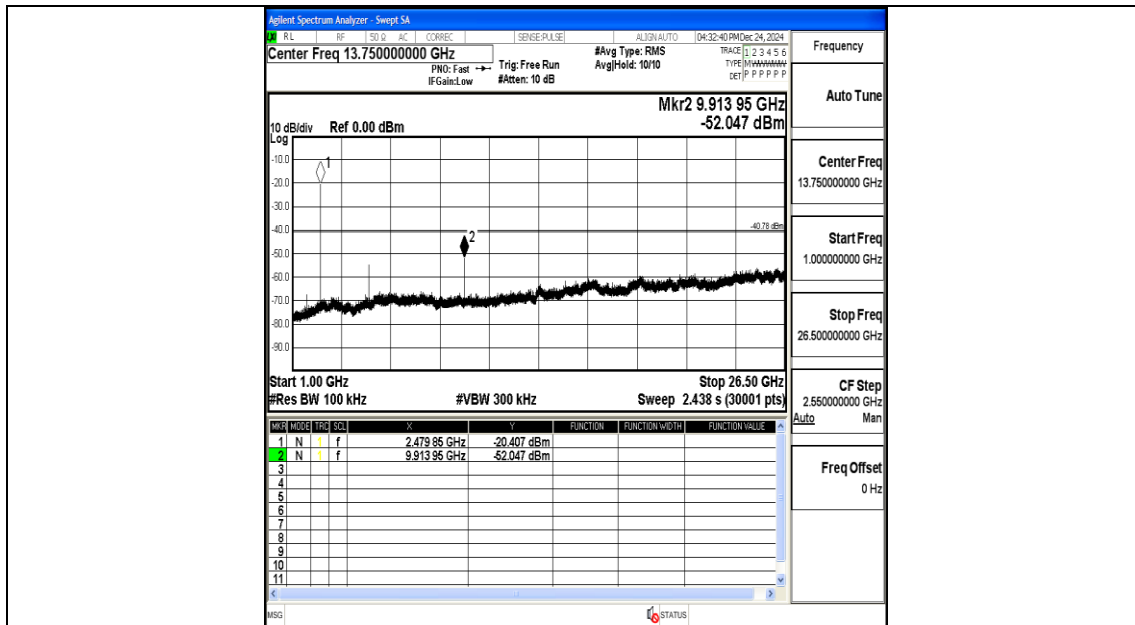
DH5-Ant1-2441-1000~26500-PASS



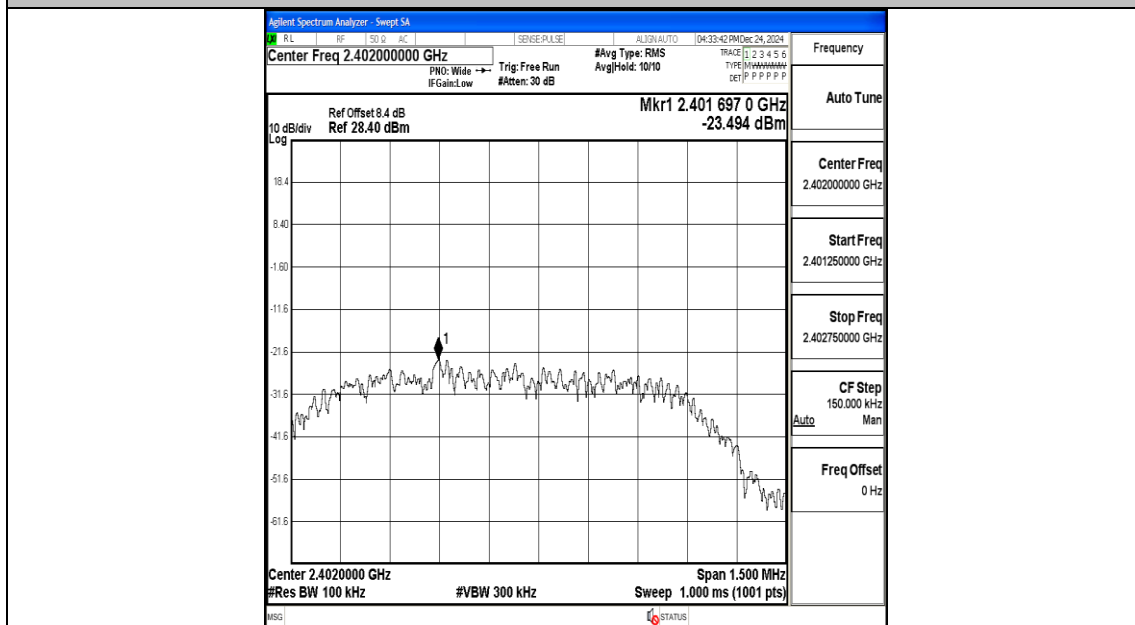
DH5-Ant1-2480-0~Reference-PASS



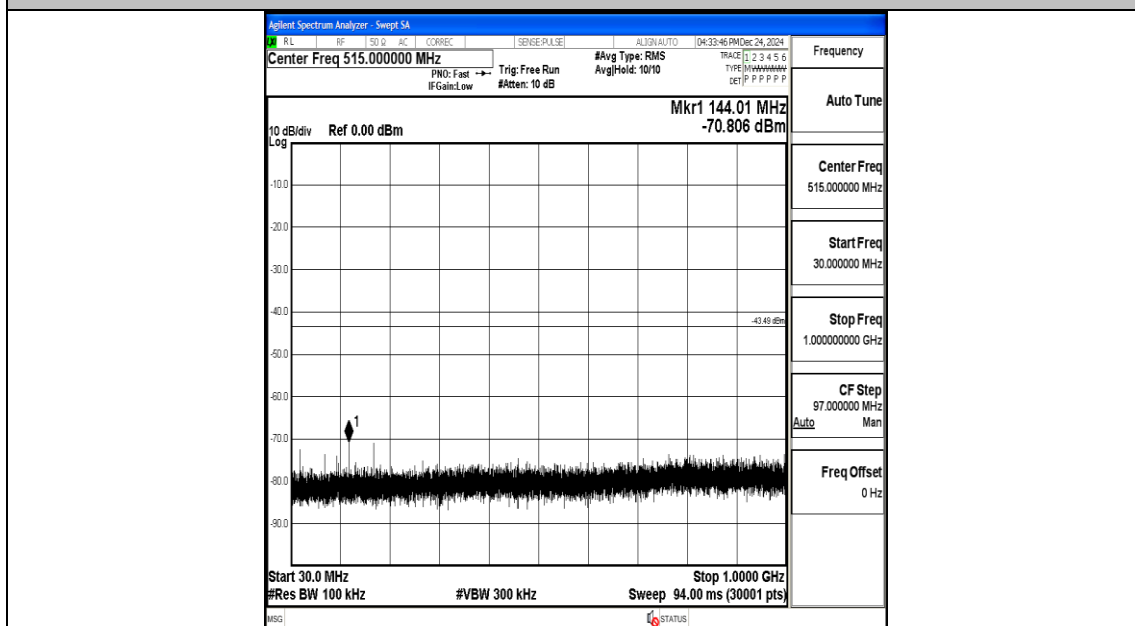
DH5-Ant1-2480-30~1000-PASS



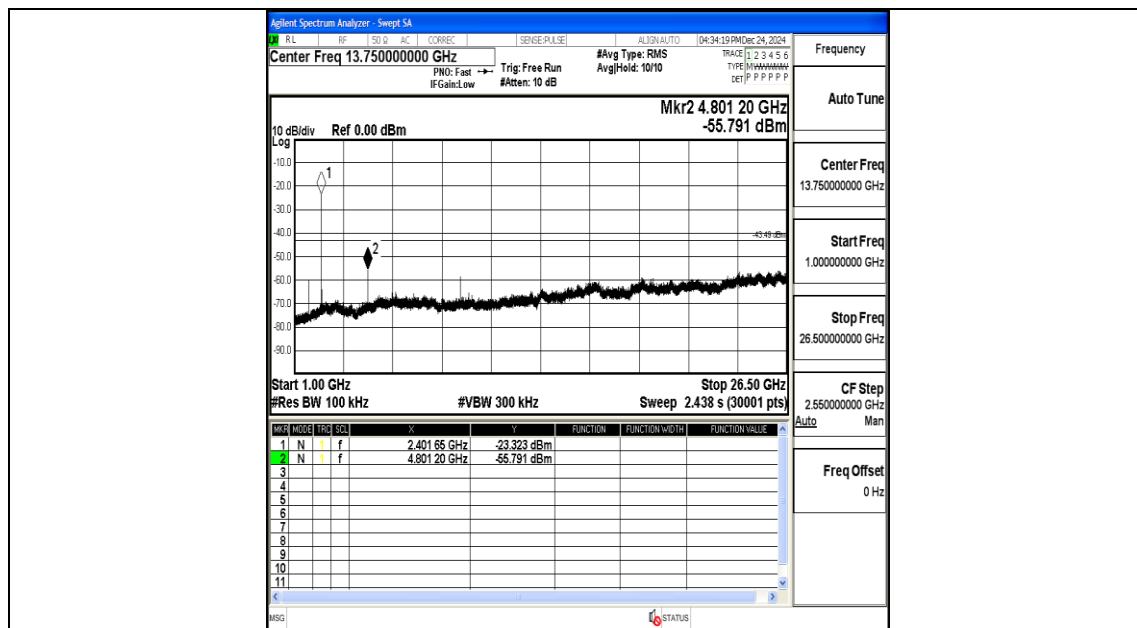
DH5-Ant1-2480-1000~26500-PASS



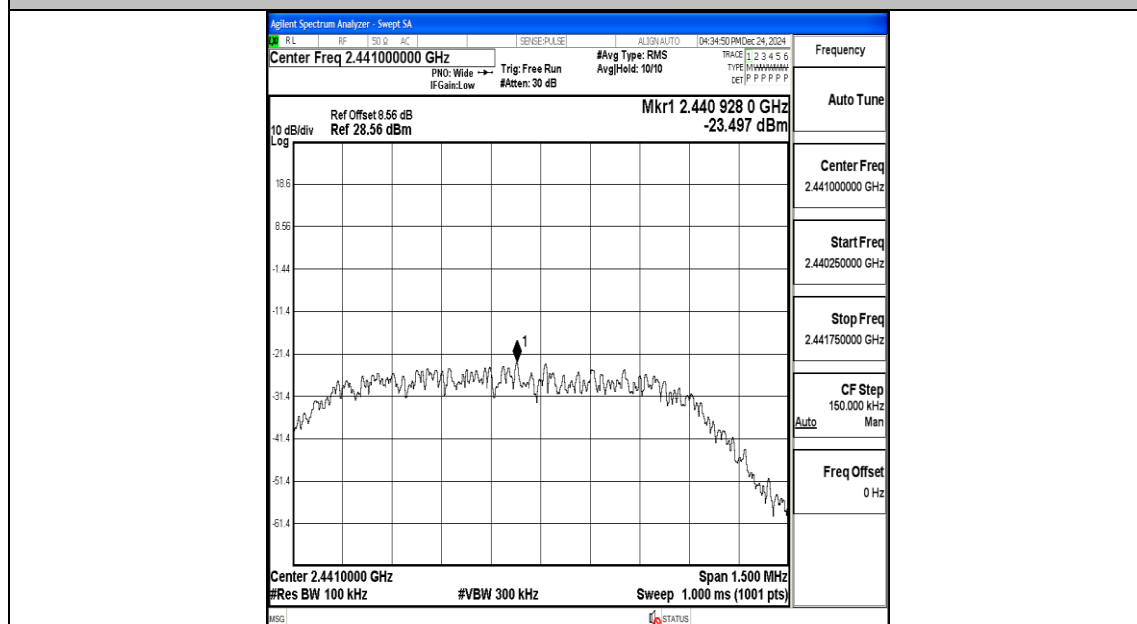
2DH5-Ant1-2402-0~Reference-PASS



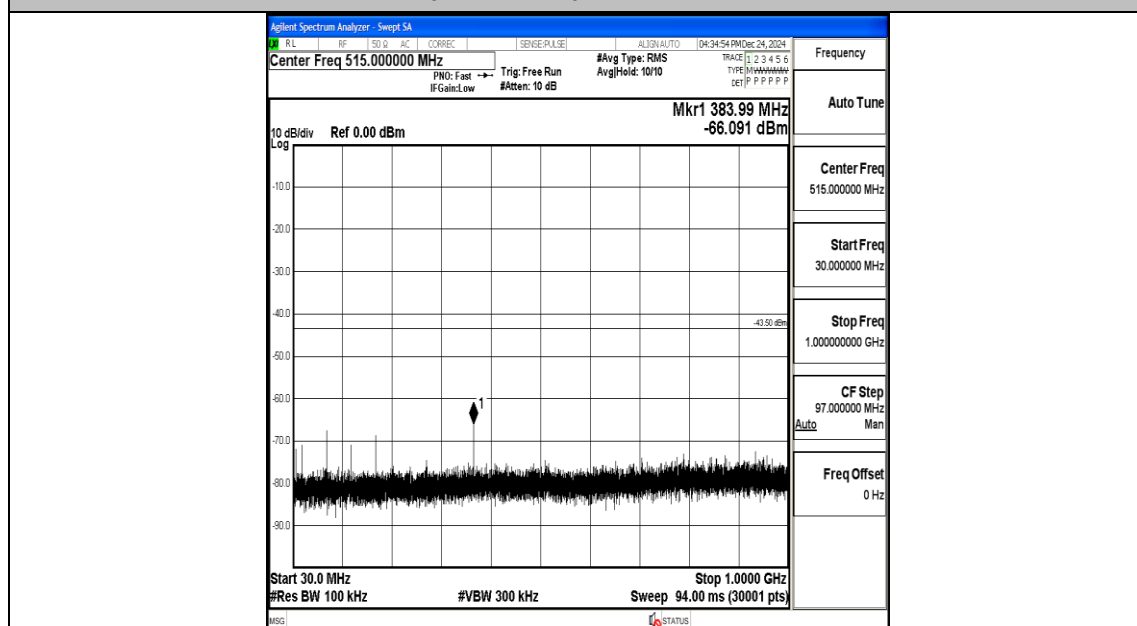
2DH5-Ant1-2402-30~1000-PASS



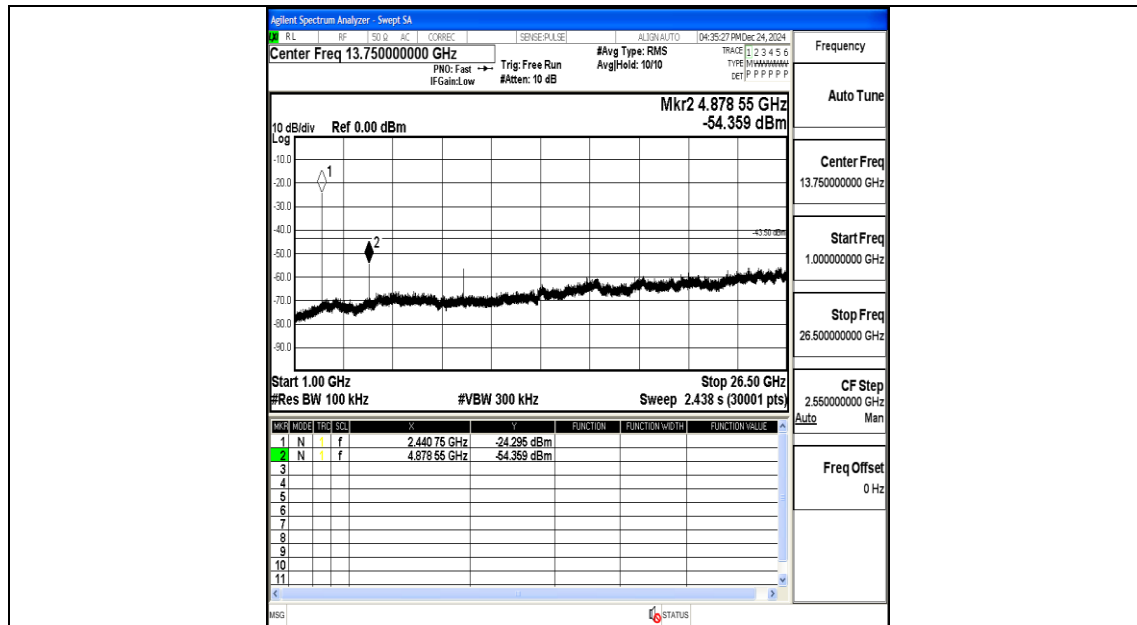
2DH5-Ant1-2402-1000~26500-PASS



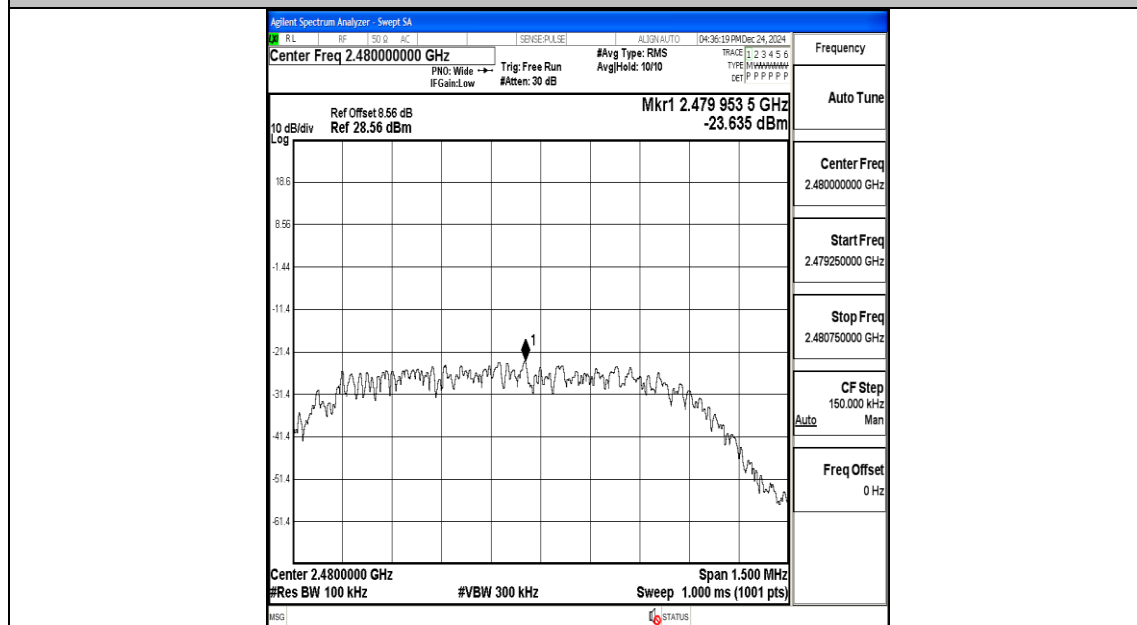
2DH5-Ant1-2441-0~Reference-PASS



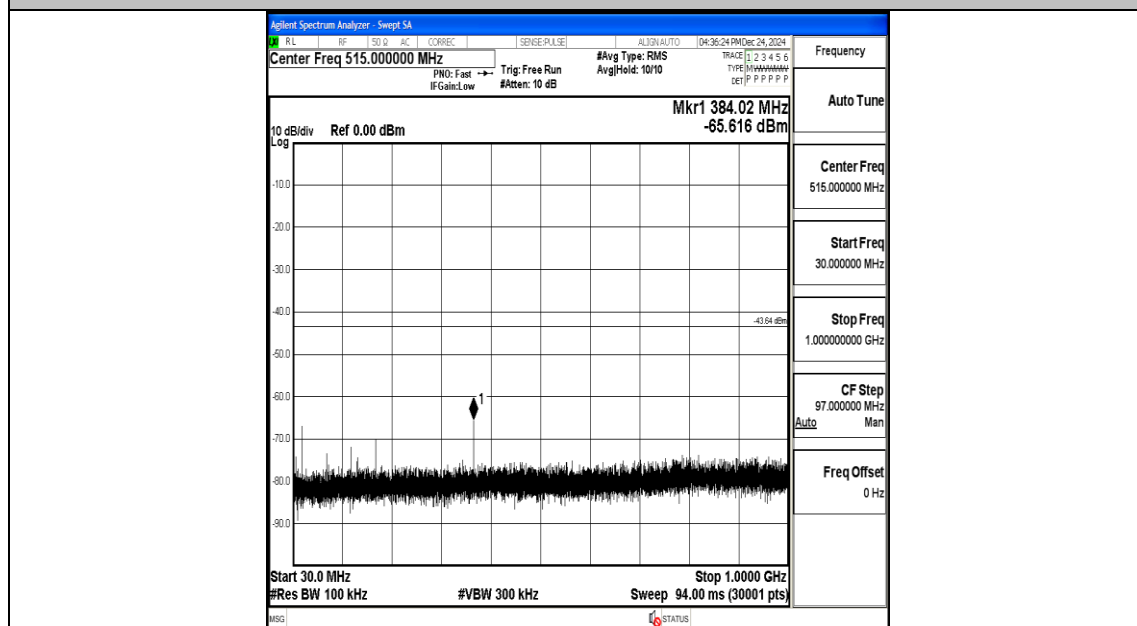
2DH5-Ant1-2441-30~1000-PASS



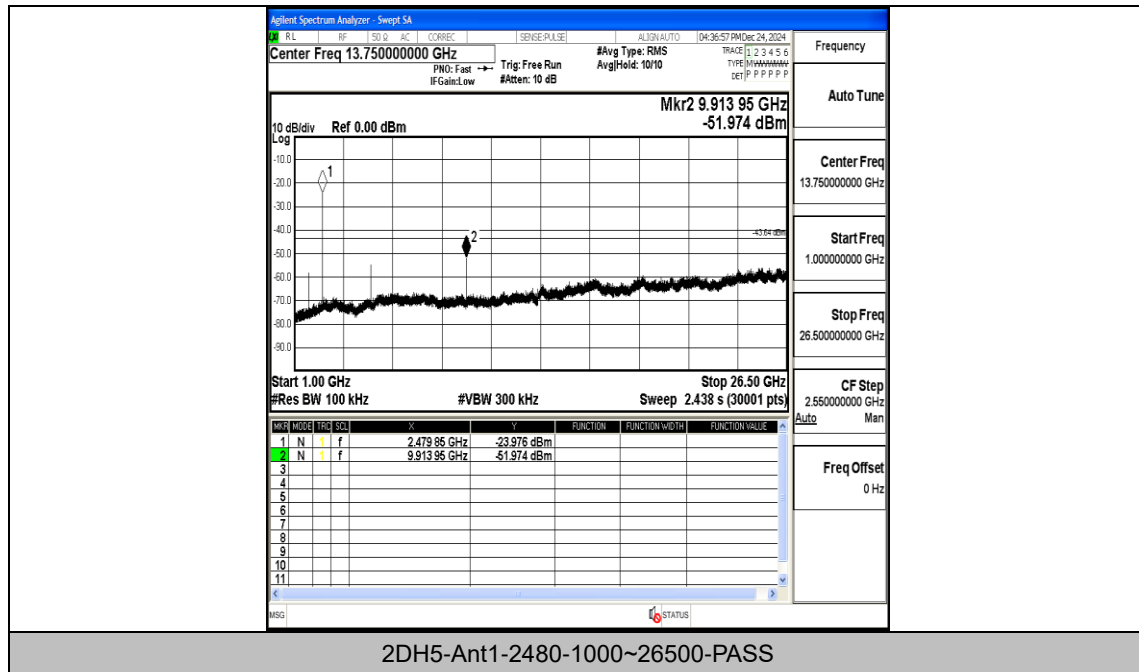
2DH5-Ant1-2441-1000~26500-PASS



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



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

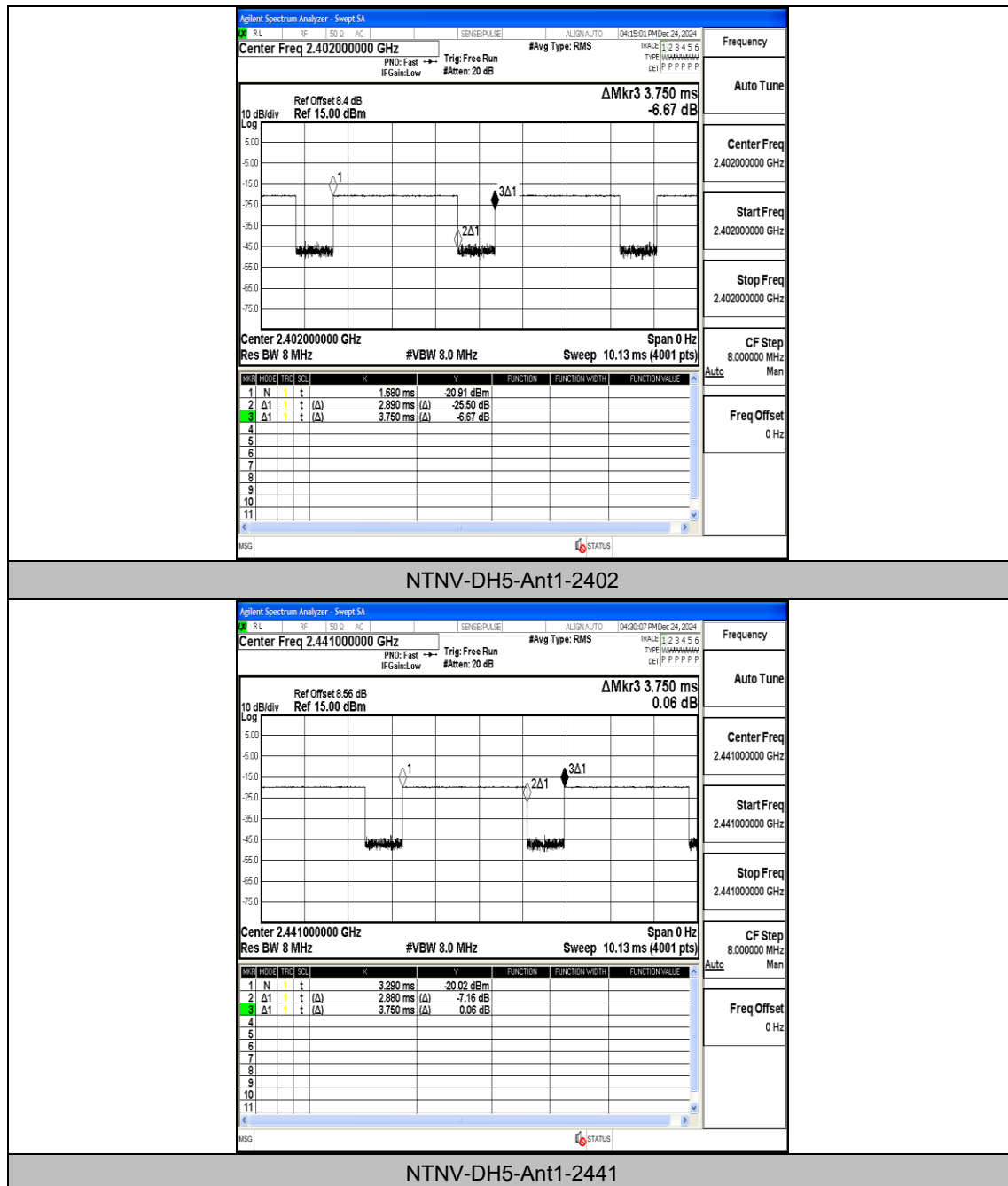


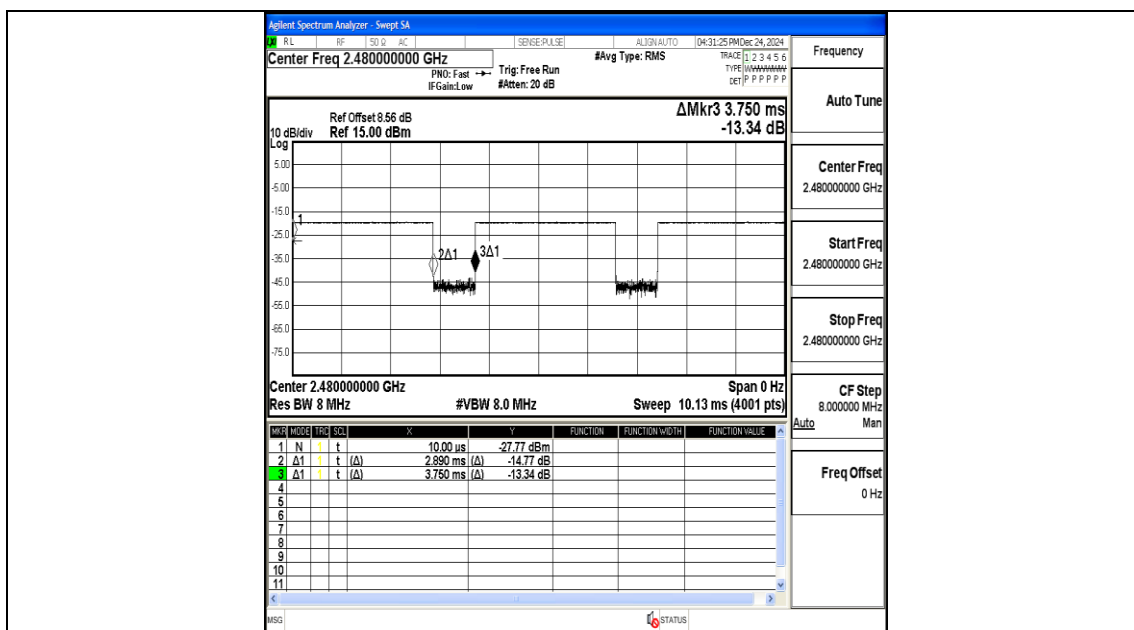
Appendix I: Duty Cycle

Test Result

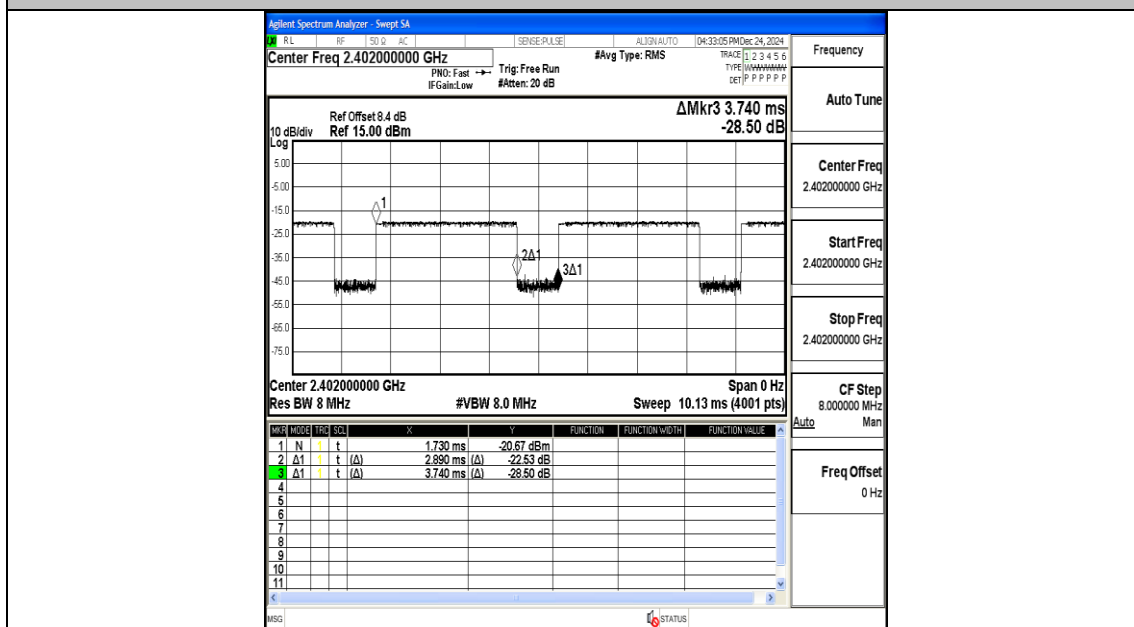
Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor [dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.89	3.74	77.27	1.12
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.74	77.27	1.12

Test Graphs

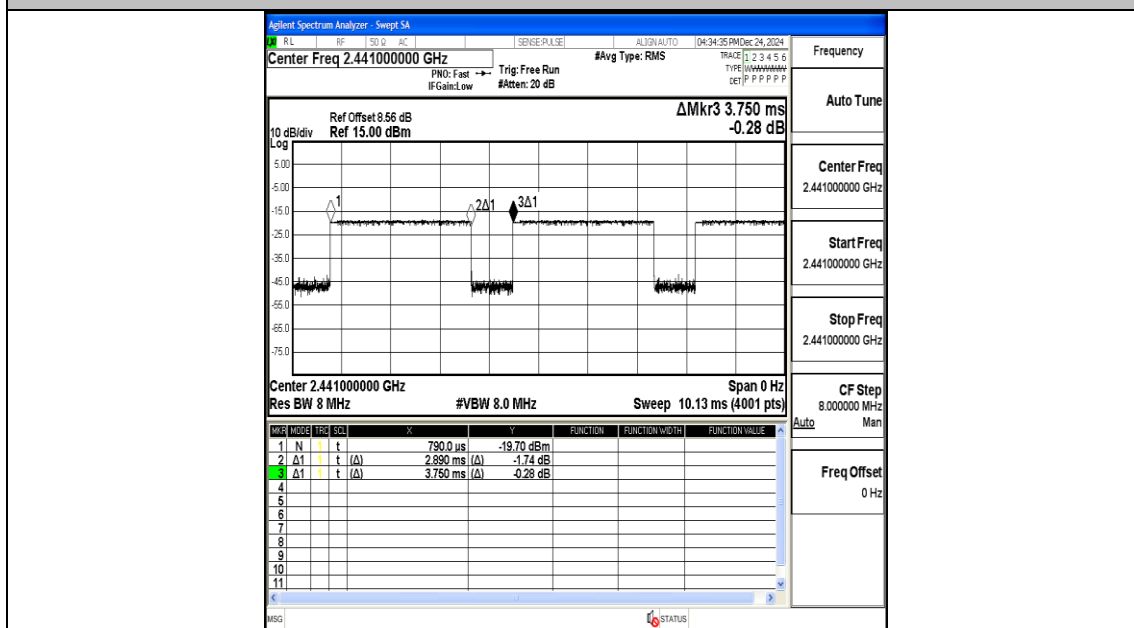




NTNV-DH5-Ant1-2480



NTNV-2DH5-Ant1-2402



NTNV-2DH5-Ant1-2441

