

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

Product Name: Wireless Headphones

Trade Mark: Sdlogal

Test Model: SDL-718

FCC ID: 2BMQA-SDL-718

Environmental Conditions

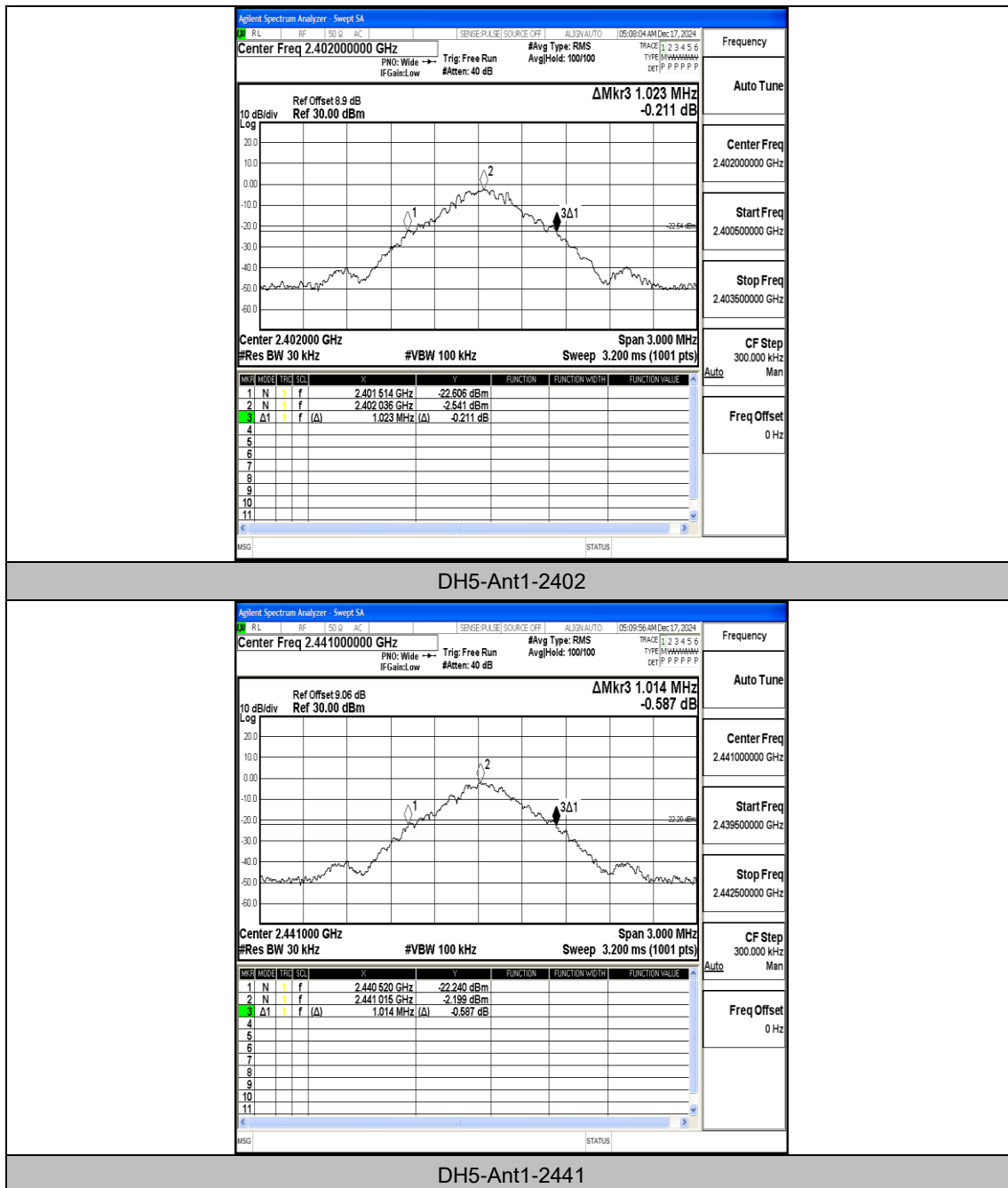
Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

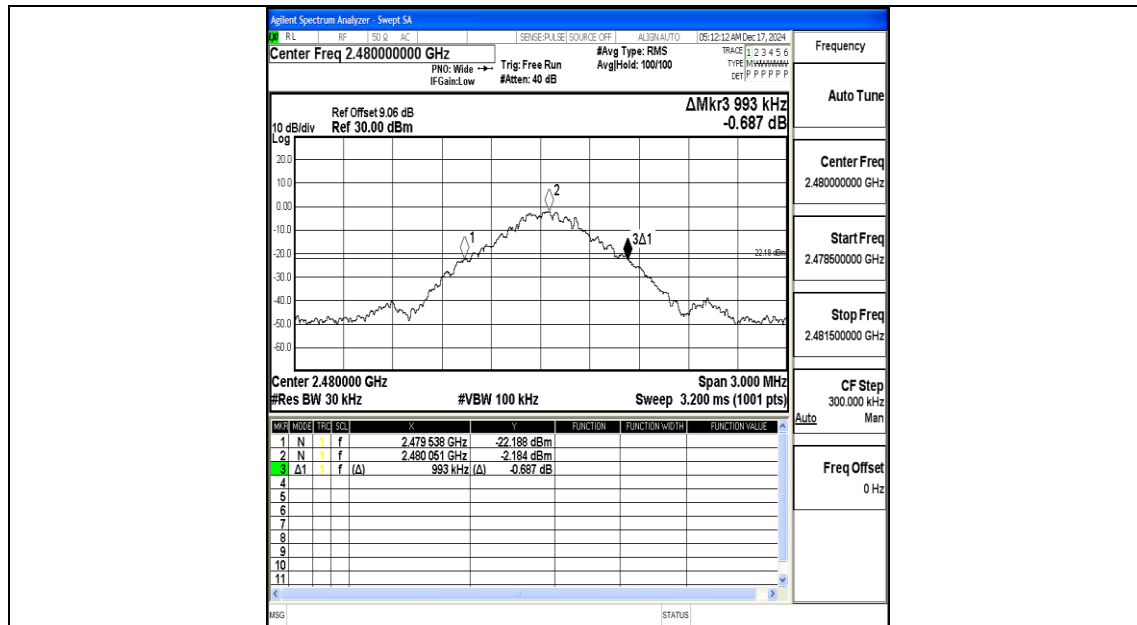
Appendix A: 20dB Emission Bandwidth

Test Result

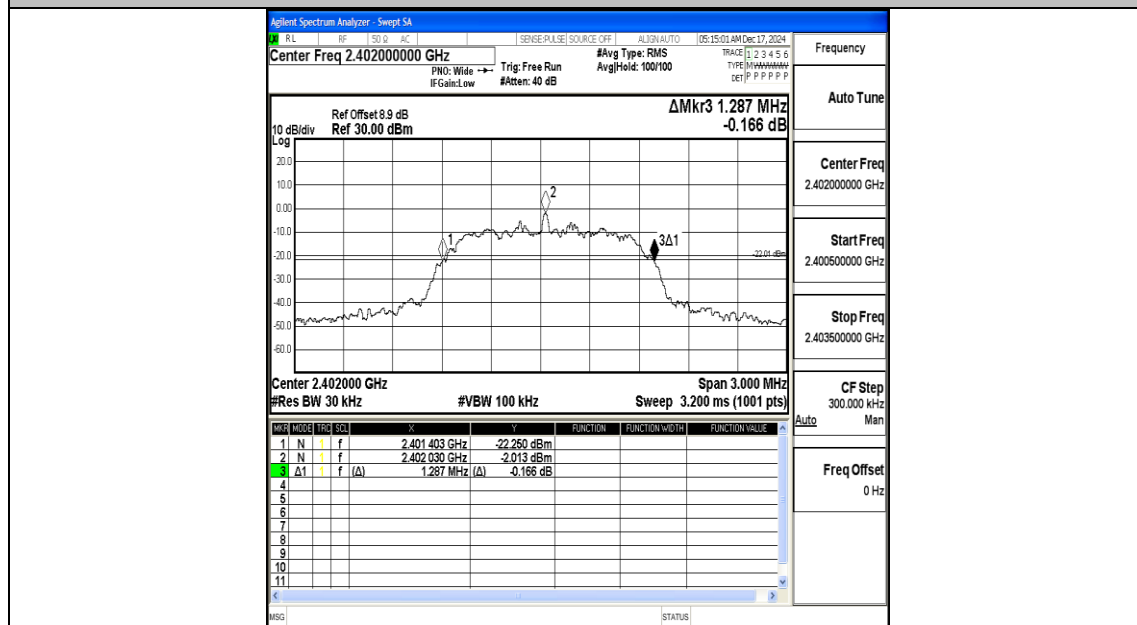
Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	1.023	2401.514	2402.537	---	---
DH5	Ant1	2441	1.014	2440.520	2441.534	---	---
DH5	Ant1	2480	0.993	2479.538	2480.531	---	---
2DH5	Ant1	2402	1.287	2401.403	2402.690	---	---
2DH5	Ant1	2441	1.287	2440.406	2441.693	---	---
2DH5	Ant1	2480	1.305	2479.388	2480.693	---	---

Test Graphs

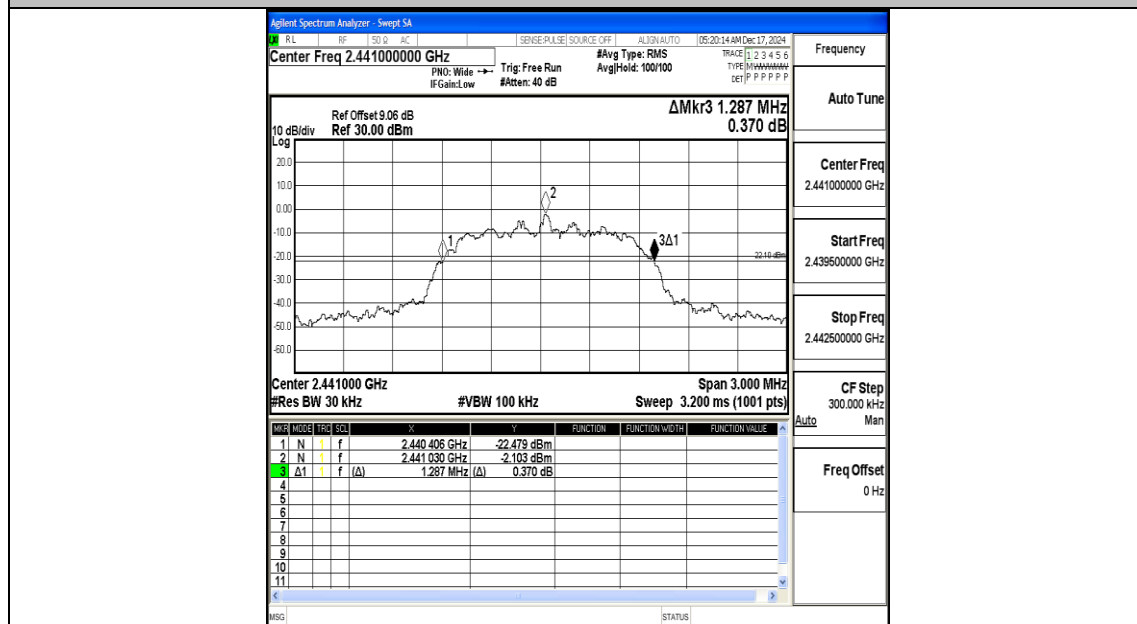




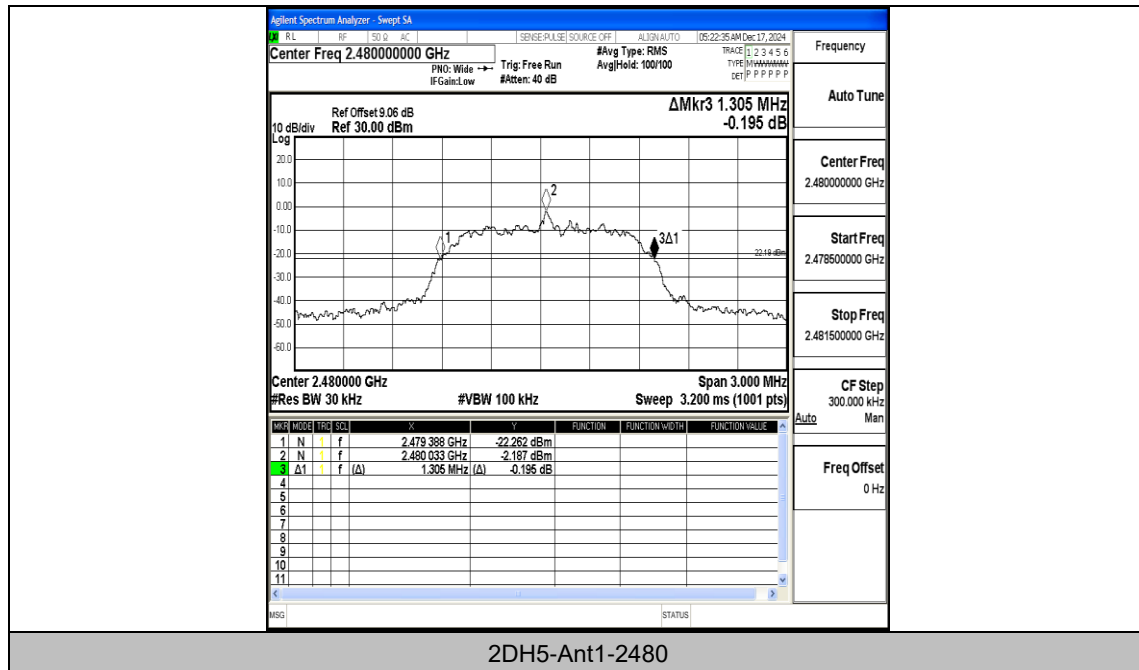
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441

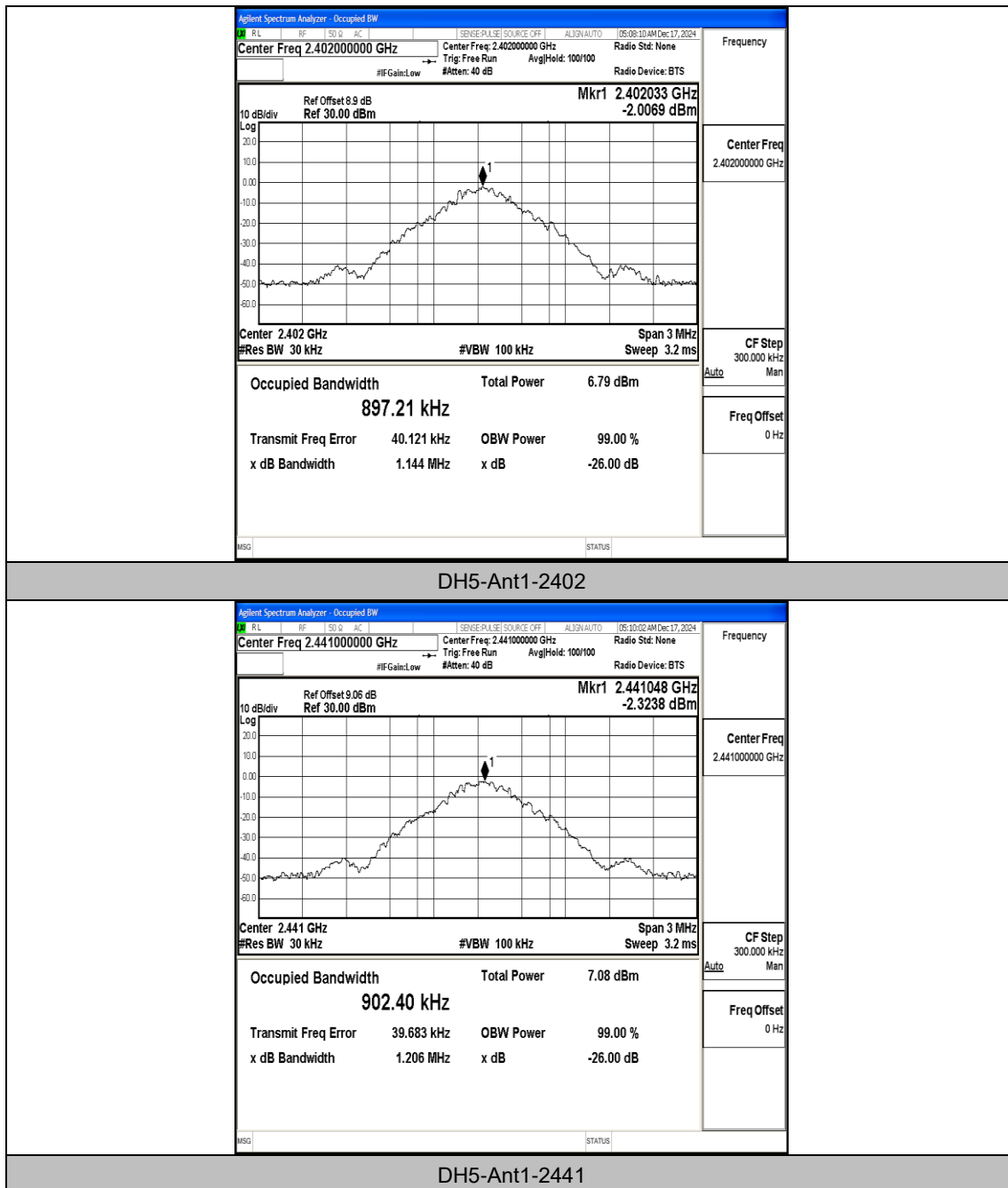


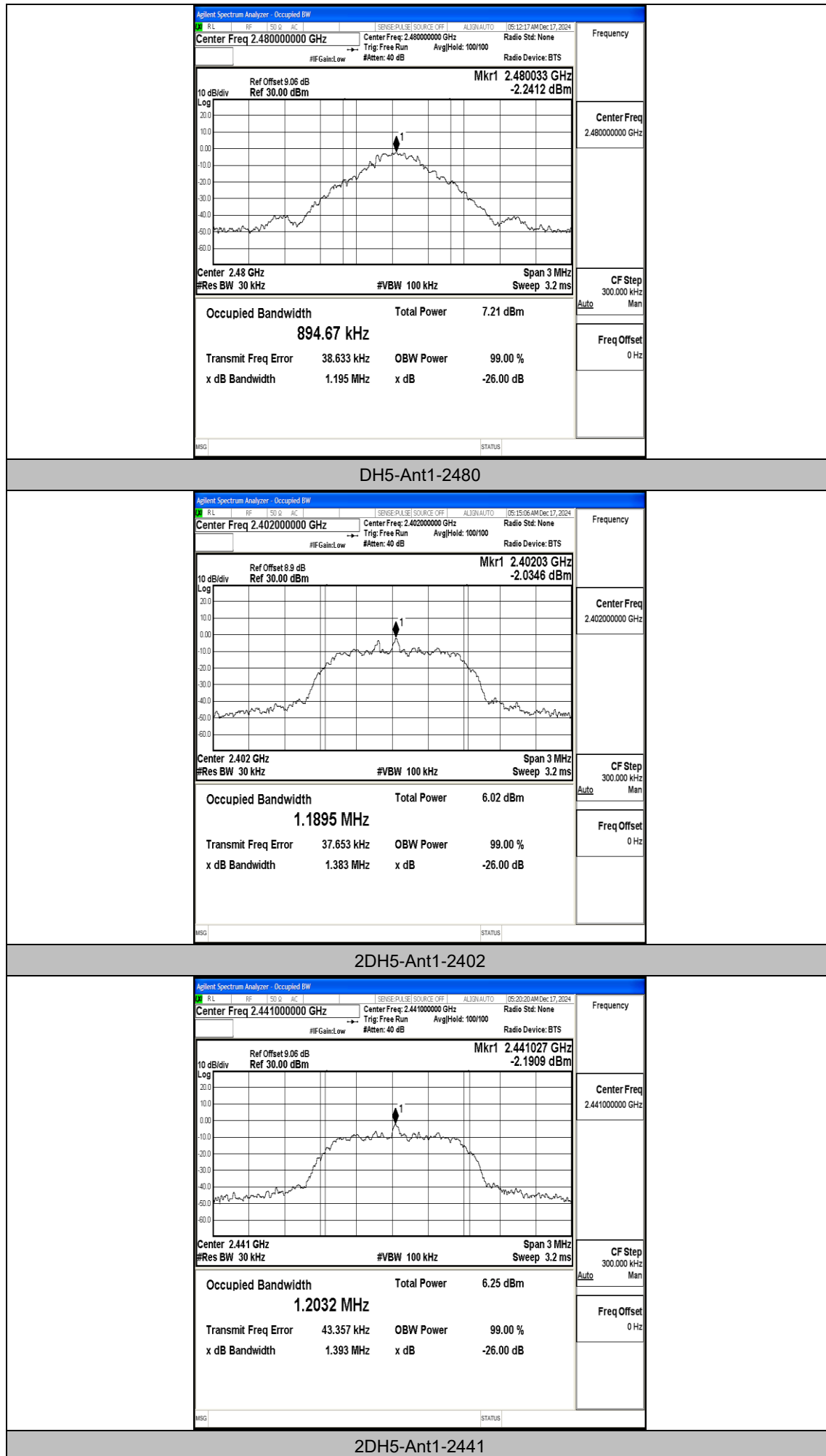
Appendix B: Occupied Channel Bandwidth

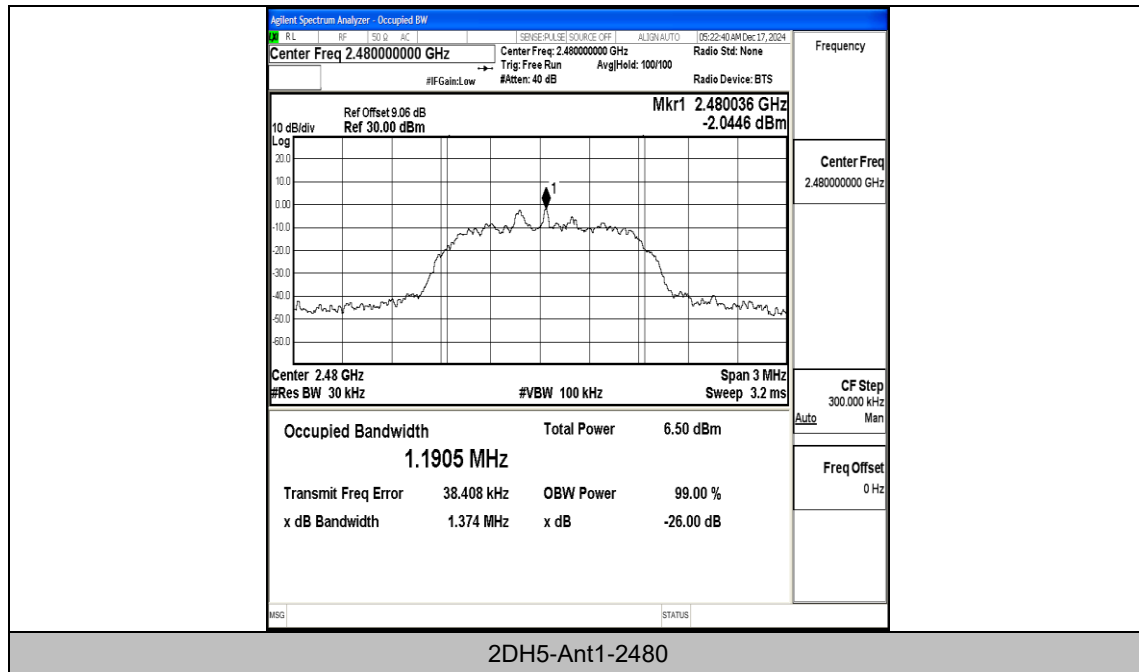
Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.89721	2401.5915	2402.4887	---	---
DH5	Ant1	2441	0.90240	2440.5885	2441.4909	---	---
DH5	Ant1	2480	0.89467	2479.5913	2480.4860	---	---
2DH5	Ant1	2402	1.1895	2401.4429	2402.6324	---	---
2DH5	Ant1	2441	1.2032	2440.4418	2441.6450	---	---
2DH5	Ant1	2480	1.1905	2479.4432	2480.6337	---	---

Test Graphs





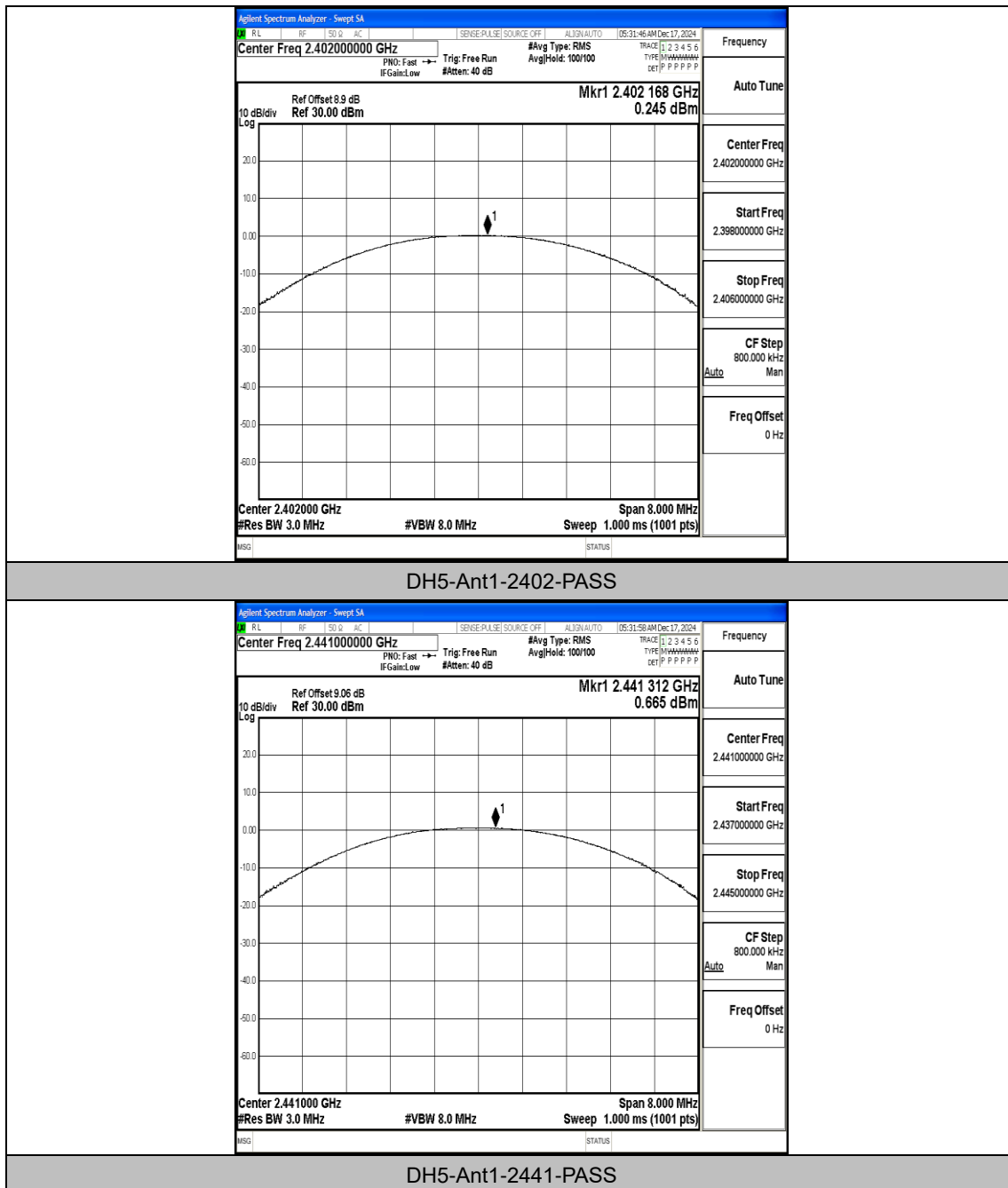


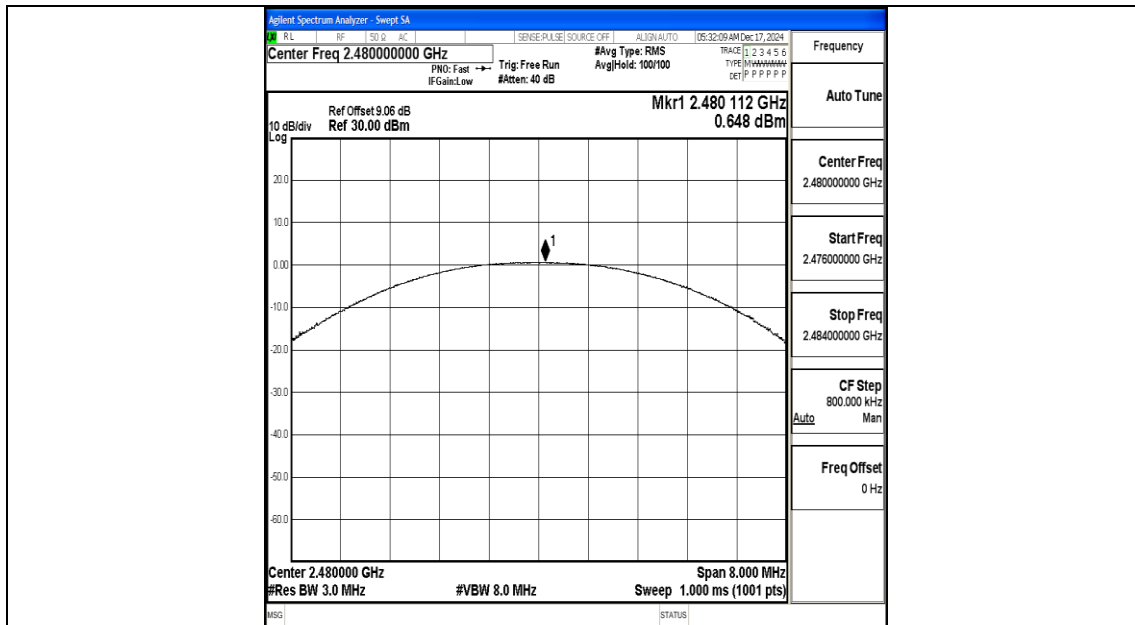
Appendix C: Maximum peak conducted output power

Test Result

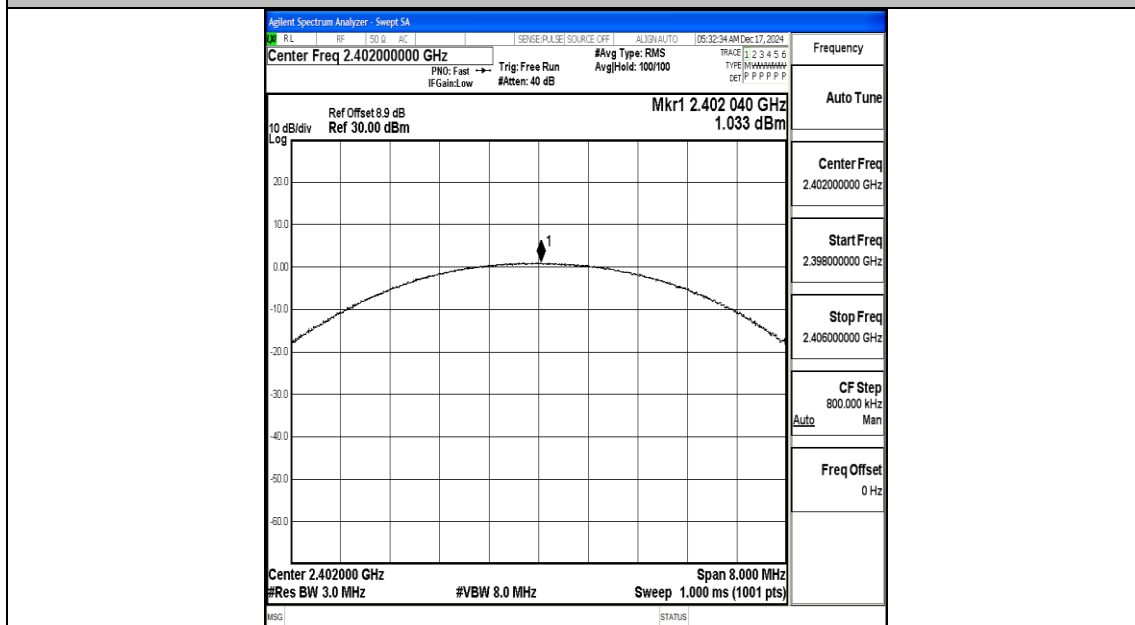
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
DH5	Ant1	2402	0.25	≤30	PASS
DH5	Ant1	2441	0.67	≤30	PASS
DH5	Ant1	2480	0.65	≤30	PASS
2DH5	Ant1	2402	1.03	≤20.97	PASS
2DH5	Ant1	2441	1.34	≤20.97	PASS
2DH5	Ant1	2480	1.30	≤20.97	PASS

Test Graphs

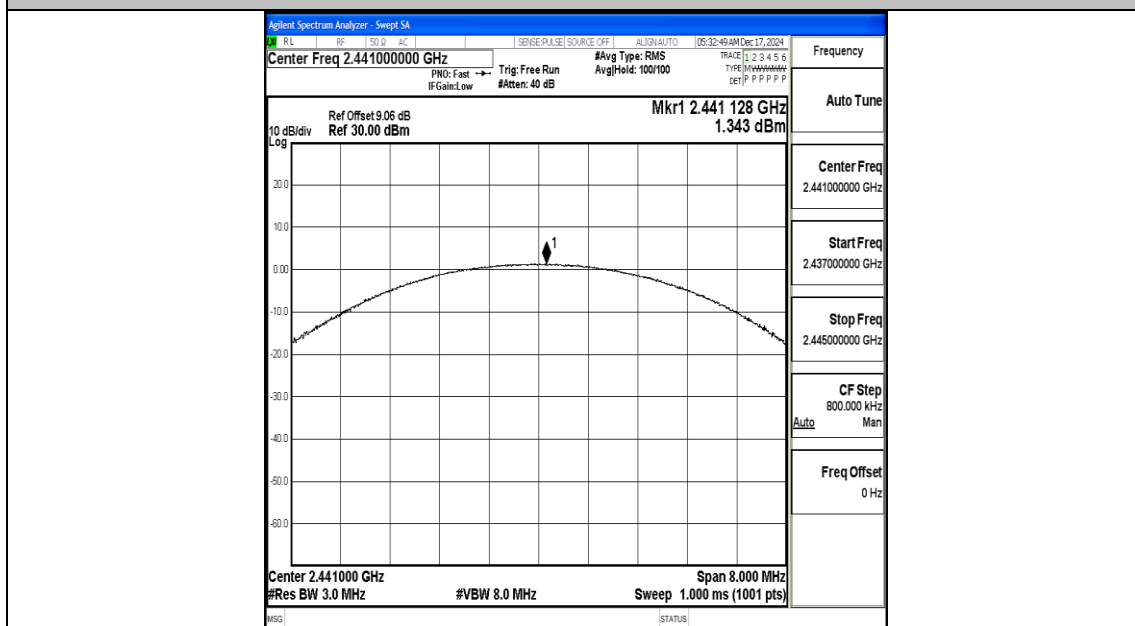




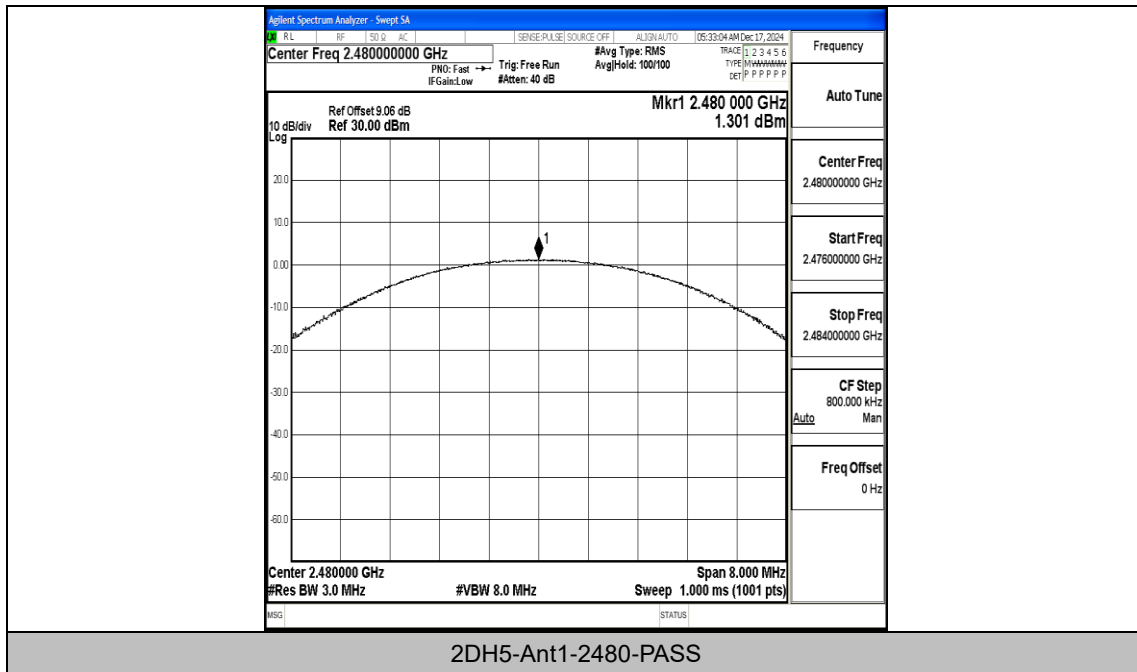
DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS

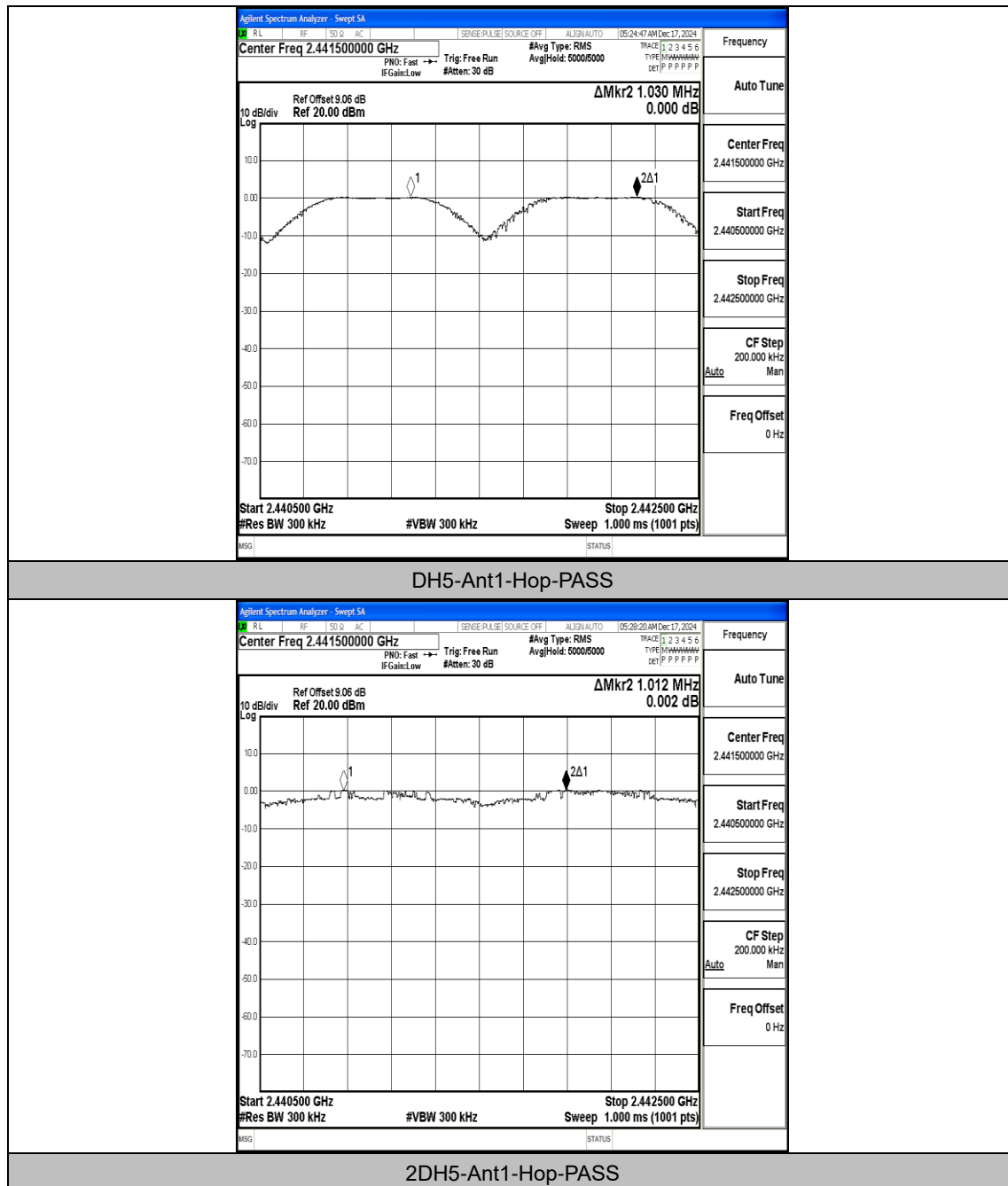


Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1.03	≥ 1.023	PASS
2DH5	Ant1	Hop	1.012	≥ 0.870	PASS

Test Graphs

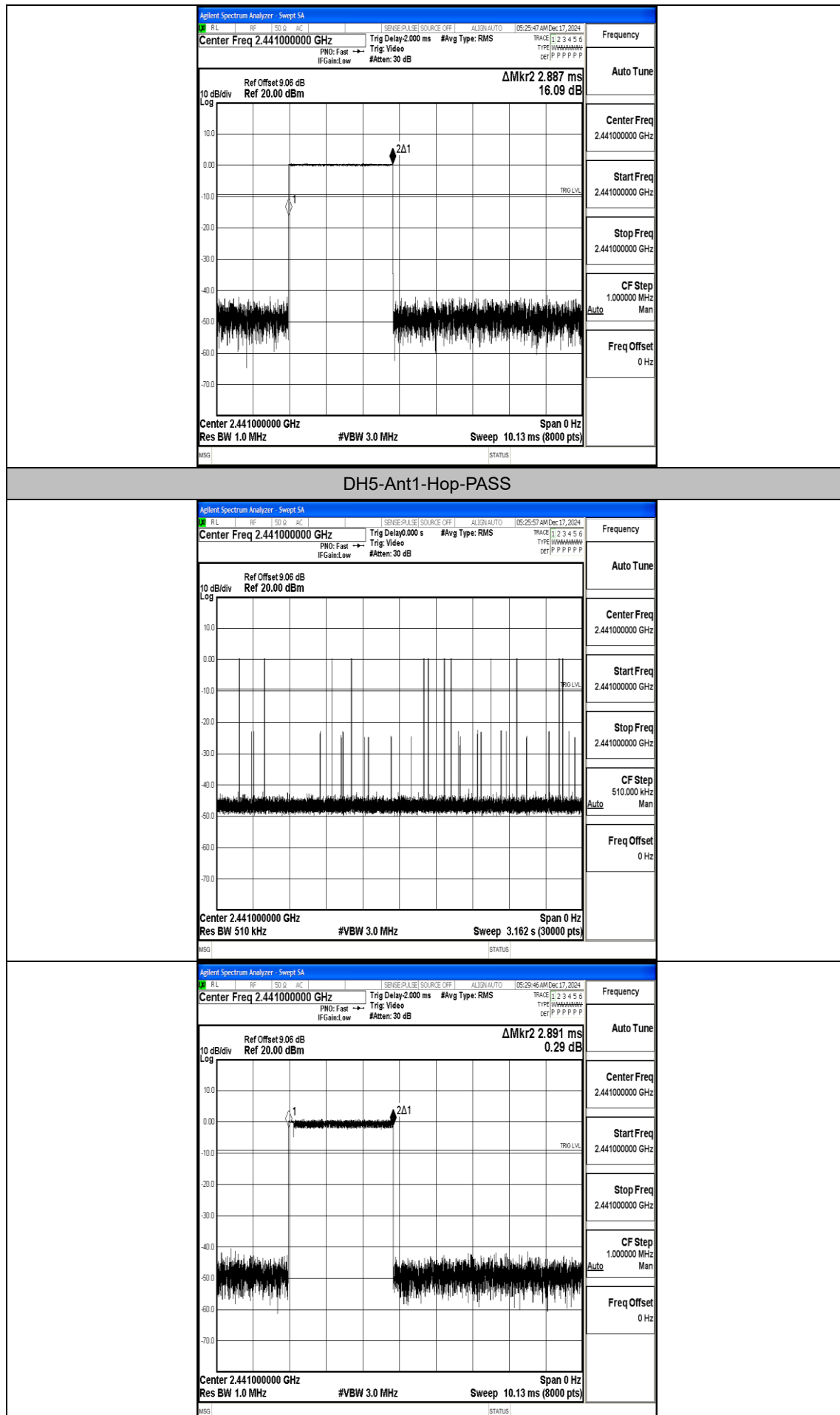


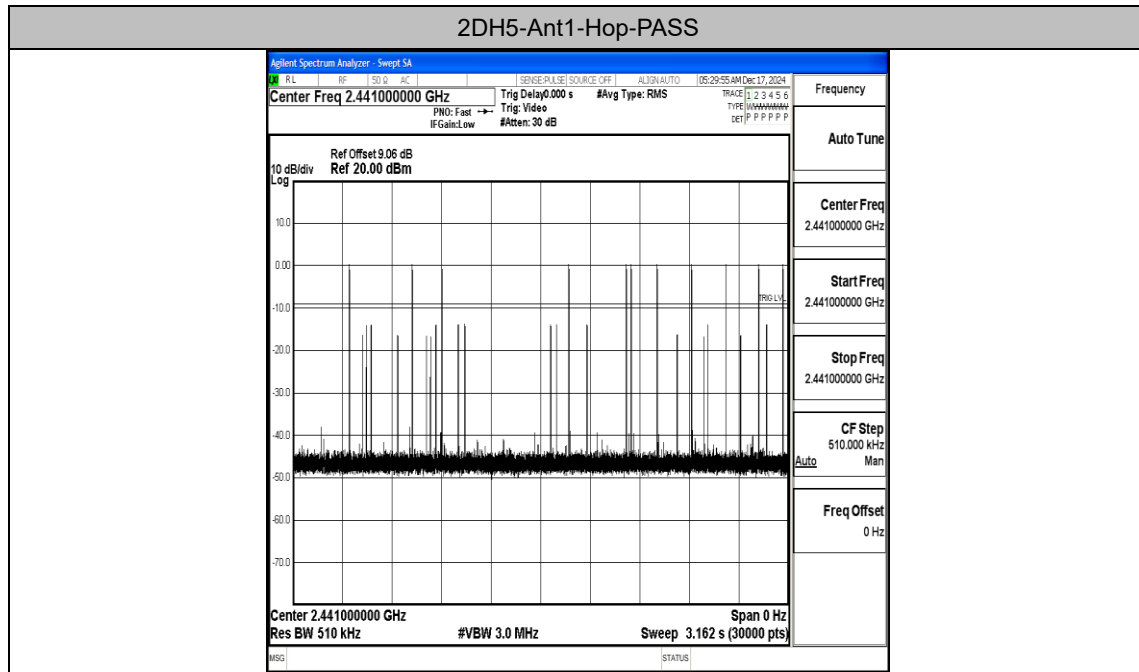
Appendix E: Time of occupancy

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	TotalHops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.887	130	0.375	≤0.4	PASS
2DH5	Ant1	Hop	2.891	120	0.347	≤0.4	PASS

Test Graphs



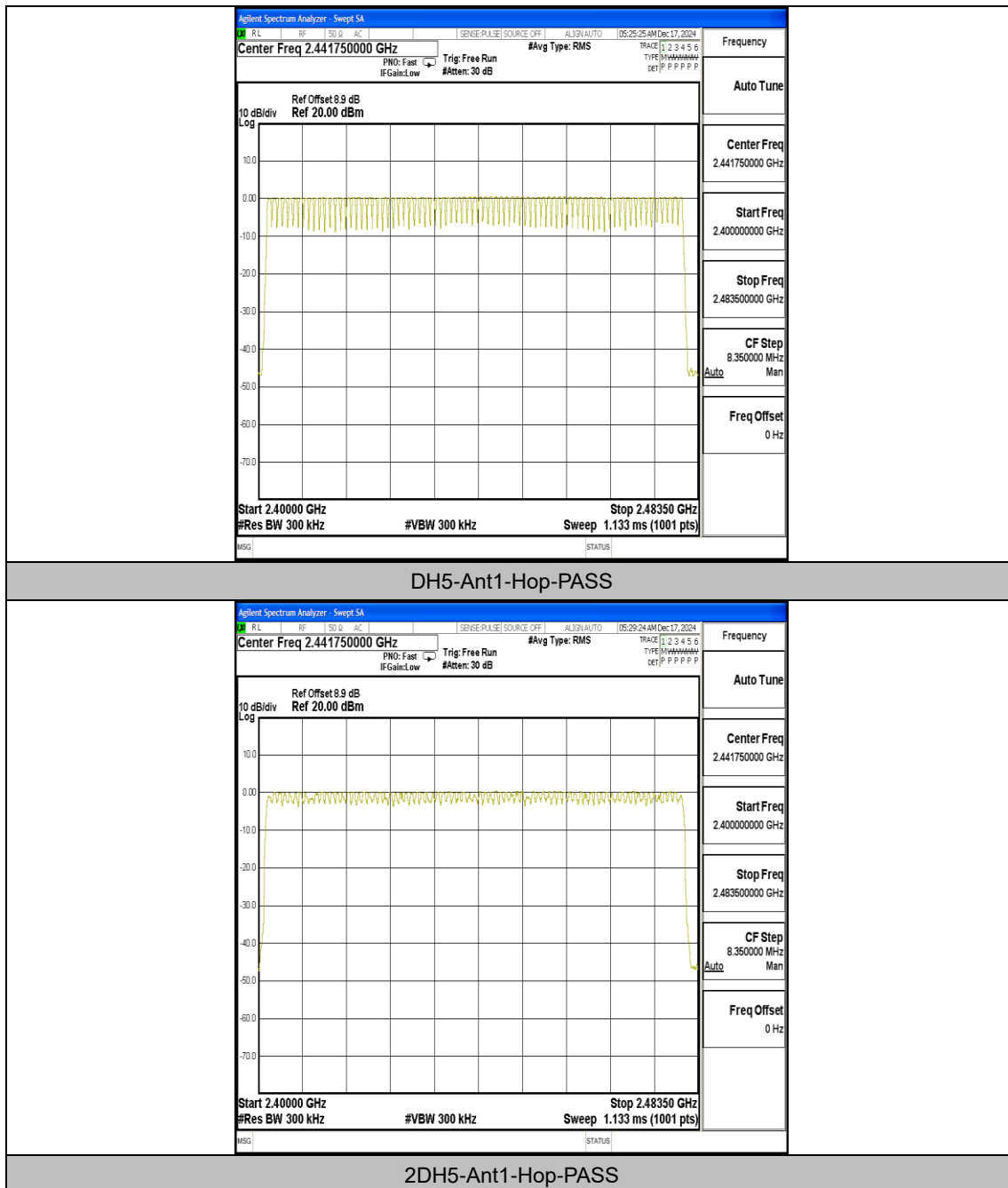


Appendix F: Number of hopping channels

Test Result

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

Test Graphs

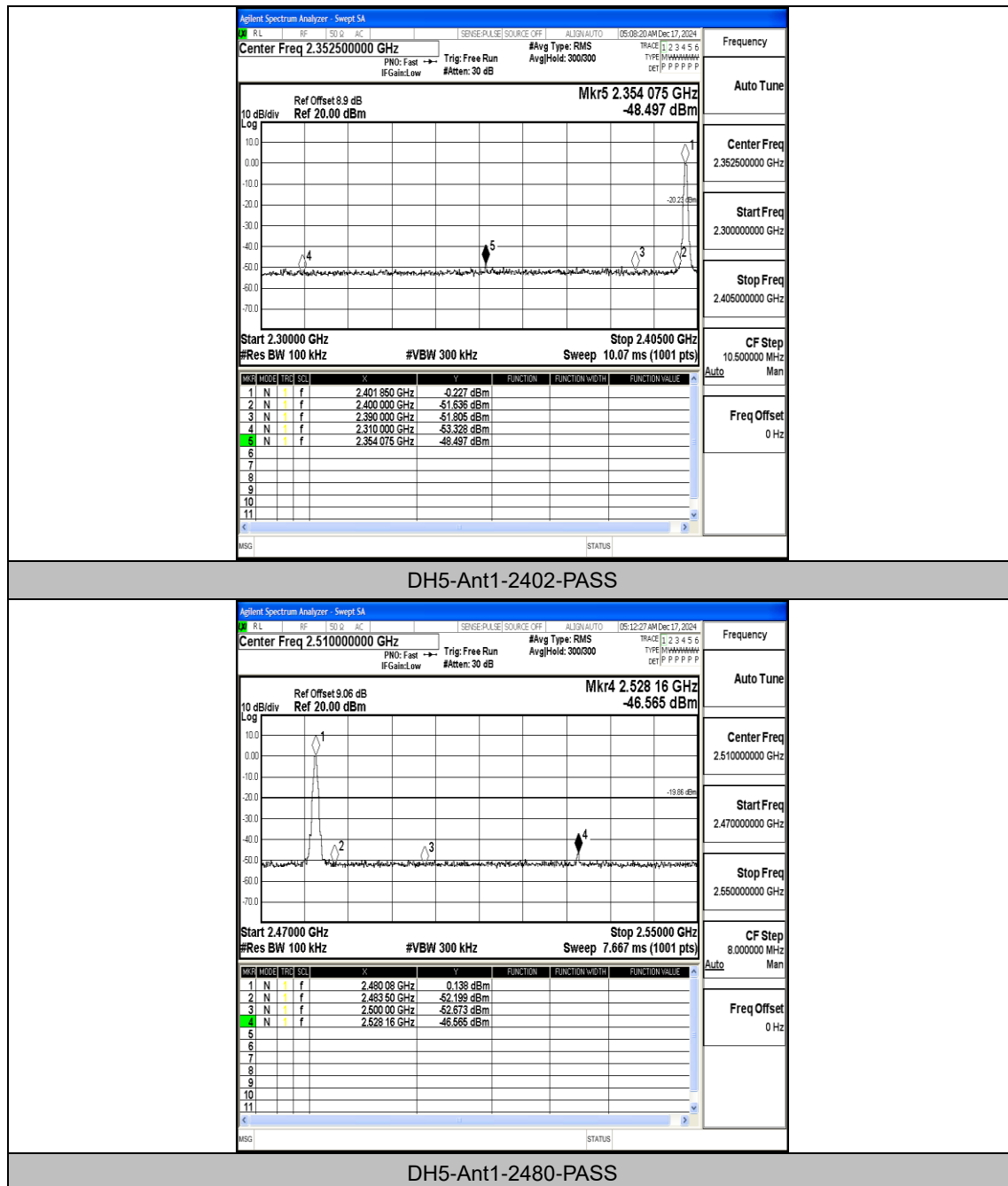


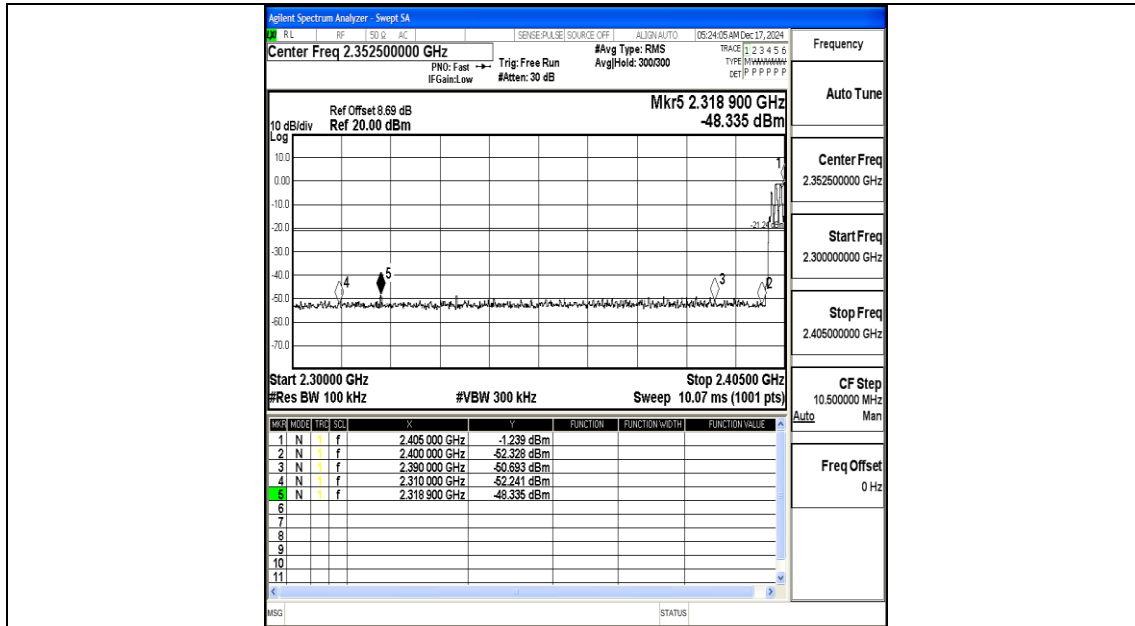
Appendix G: Band edge measurements

Test Result

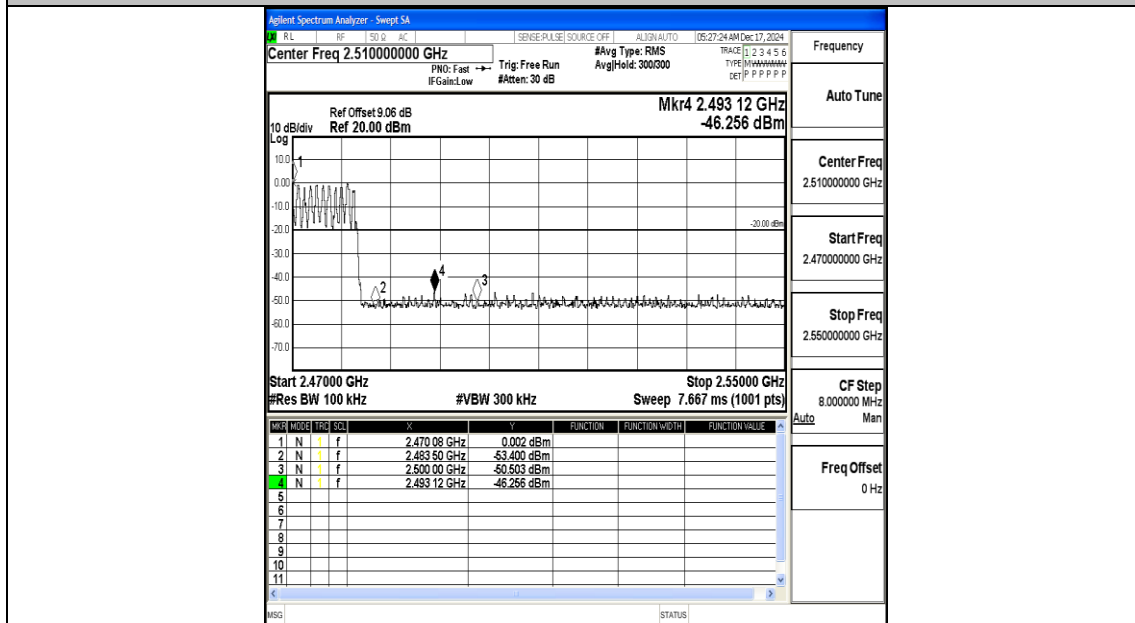
Test Mode	Antenna	Ch.Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.23	-48.5	≤ -20.23	PASS
DH5	Ant1	High	2480	0.14	-46.57	≤ -19.86	PASS
DH5	Ant1	Low	Hop_2402	-1.24	-48.34	≤ -21.24	PASS
DH5	Ant1	High	Hop_2480	0.00	-46.26	≤ -20	PASS
2DH5	Ant1	Low	2402	-0.27	-47.83	≤ -20.27	PASS
2DH5	Ant1	High	2480	-0.01	-47.39	≤ -20.01	PASS
2DH5	Ant1	Low	Hop_2402	-3.45	-48.94	≤ -23.45	PASS
2DH5	Ant1	High	Hop_2480	-1.56	-48.61	≤ -21.56	PASS

Test Graphs

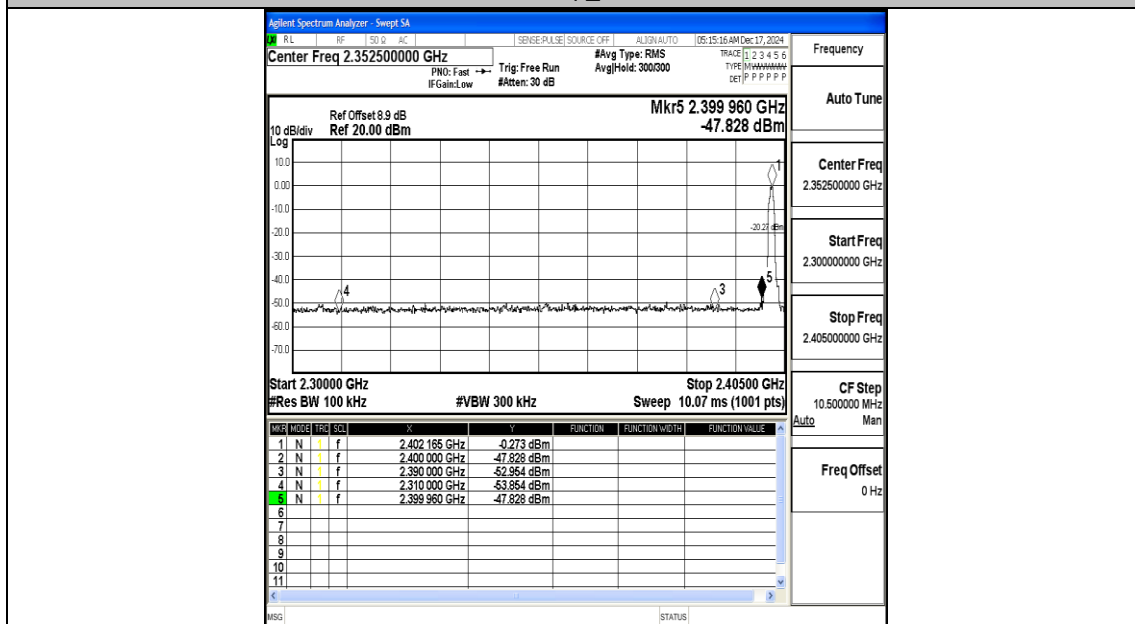




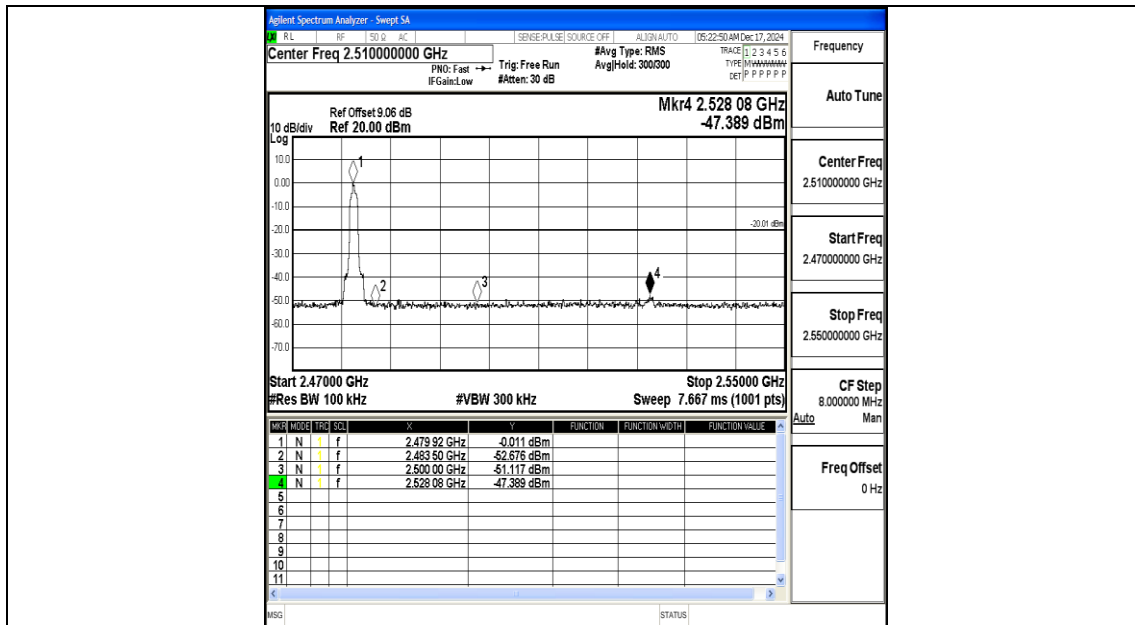
DH5-Ant1-Hop_2402-PASS



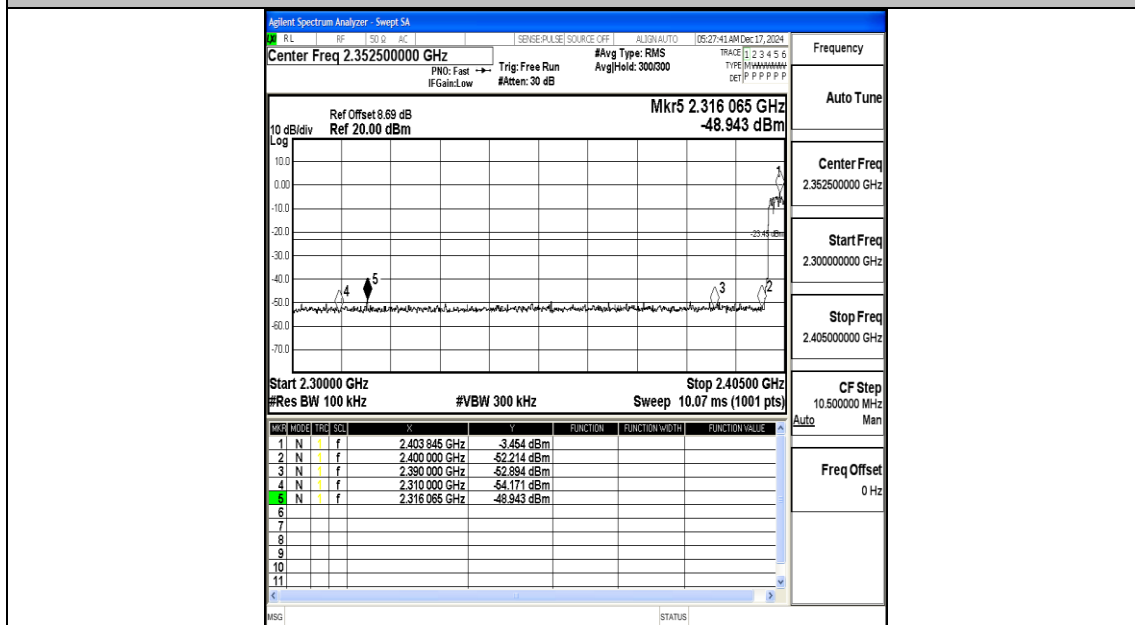
DH5-Ant1-Hop_2480-PASS



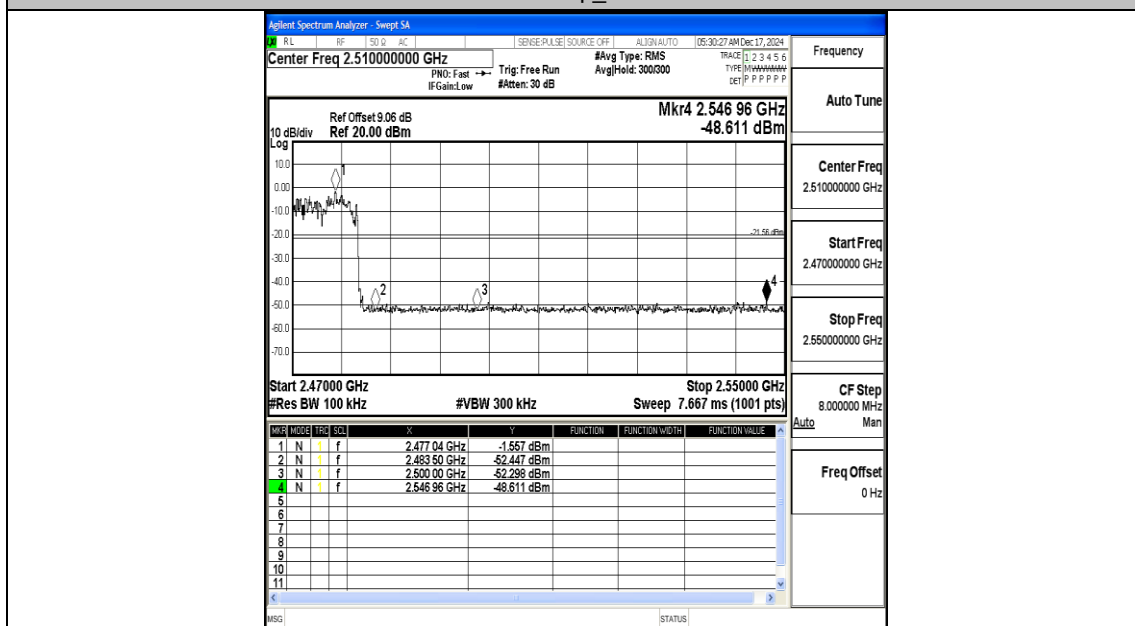
2DH5-Ant1-2402-PASS



2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS



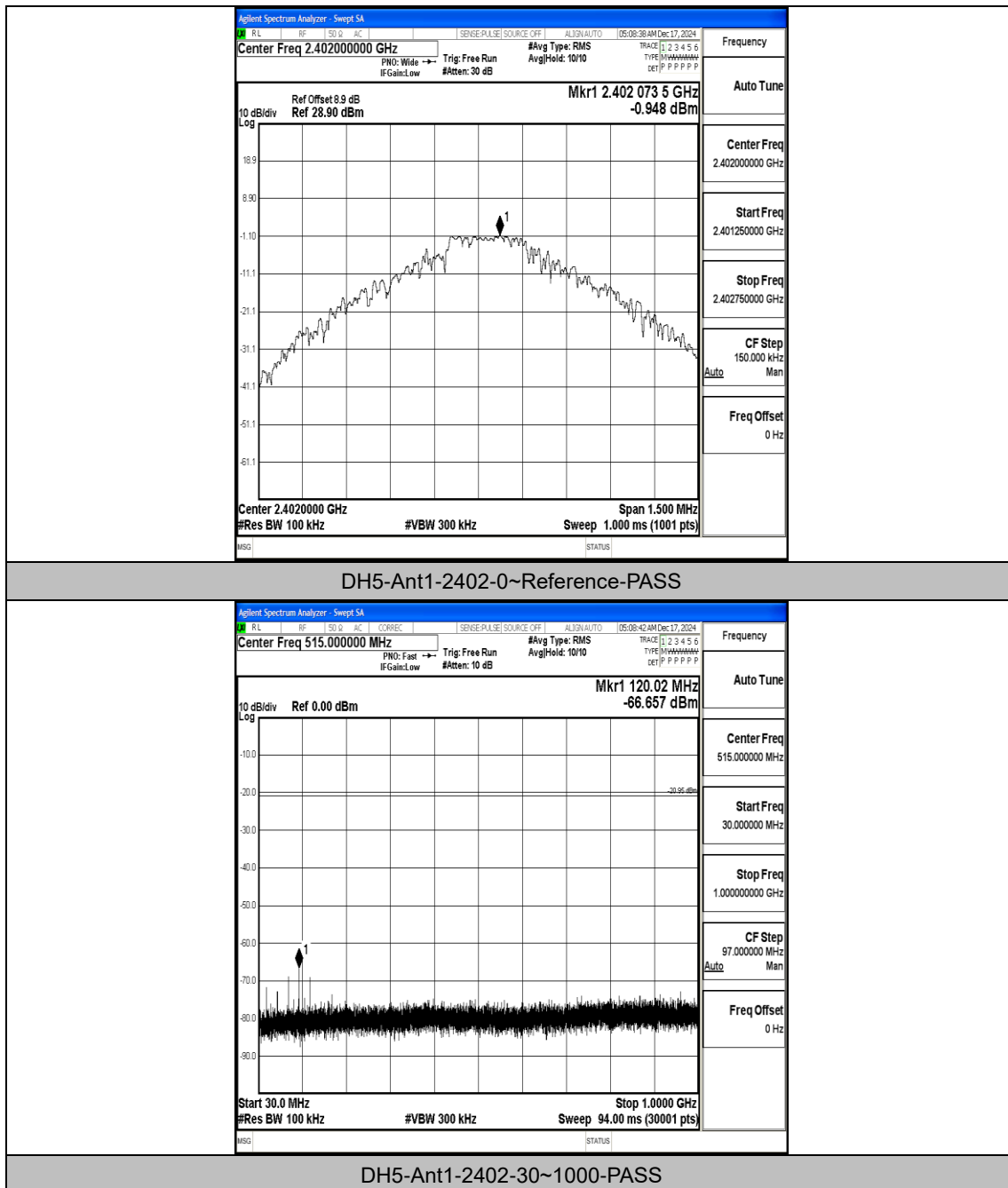
2DH5-Ant1-Hop_2480-PASS

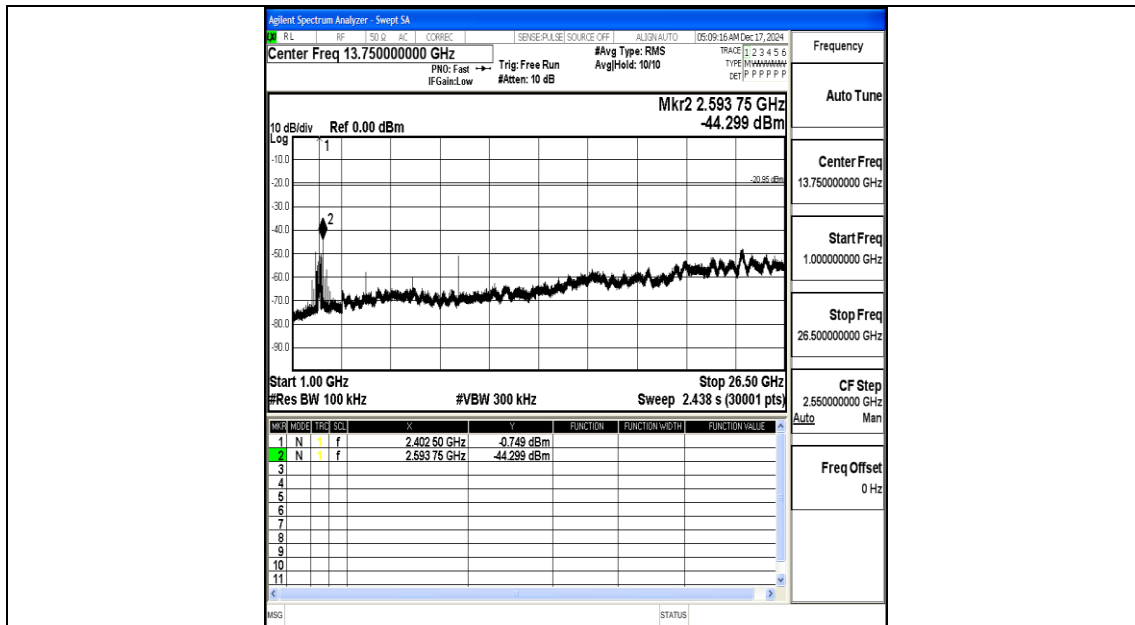
Appendix H: Conducted Spurious Emission

Test Result

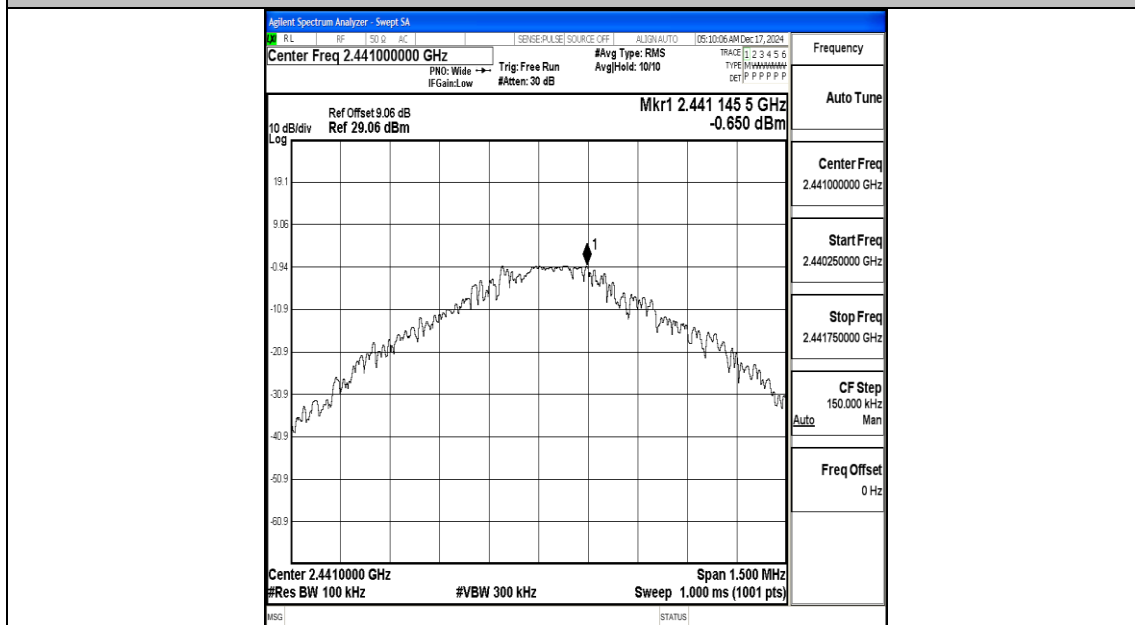
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.95	-0.95	---	PASS
DH5	Ant1	2402	30~1000	-0.95	-66.66	≤-20.95	PASS
DH5	Ant1	2402	1000~26500	-0.95	-44.3	≤-20.95	PASS
DH5	Ant1	2441	0~Reference	-0.65	-0.65	---	PASS
DH5	Ant1	2441	30~1000	-0.65	-62.61	≤-20.65	PASS
DH5	Ant1	2441	1000~26500	-0.65	-45.22	≤-20.65	PASS
DH5	Ant1	2480	0~Reference	-0.43	-0.43	---	PASS
DH5	Ant1	2480	30~1000	-0.43	-68.31	≤-20.43	PASS
DH5	Ant1	2480	1000~26500	-0.43	-46.26	≤-20.43	PASS
2DH5	Ant1	2402	0~Reference	-4.71	-4.71	---	PASS
2DH5	Ant1	2402	30~1000	-4.71	-64.94	≤-24.71	PASS
2DH5	Ant1	2402	1000~26500	-4.71	-47.4	≤-24.71	PASS
2DH5	Ant1	2441	0~Reference	-3.54	-3.54	---	PASS
2DH5	Ant1	2441	30~1000	-3.54	-66.02	≤-23.54	PASS
2DH5	Ant1	2441	1000~26500	-3.54	-47.96	≤-23.54	PASS
2DH5	Ant1	2480	0~Reference	-1.16	-1.16	---	PASS
2DH5	Ant1	2480	30~1000	-1.16	-66.92	≤-21.16	PASS
2DH5	Ant1	2480	1000~26500	-1.16	-47.09	≤-21.16	PASS

Test Graphs

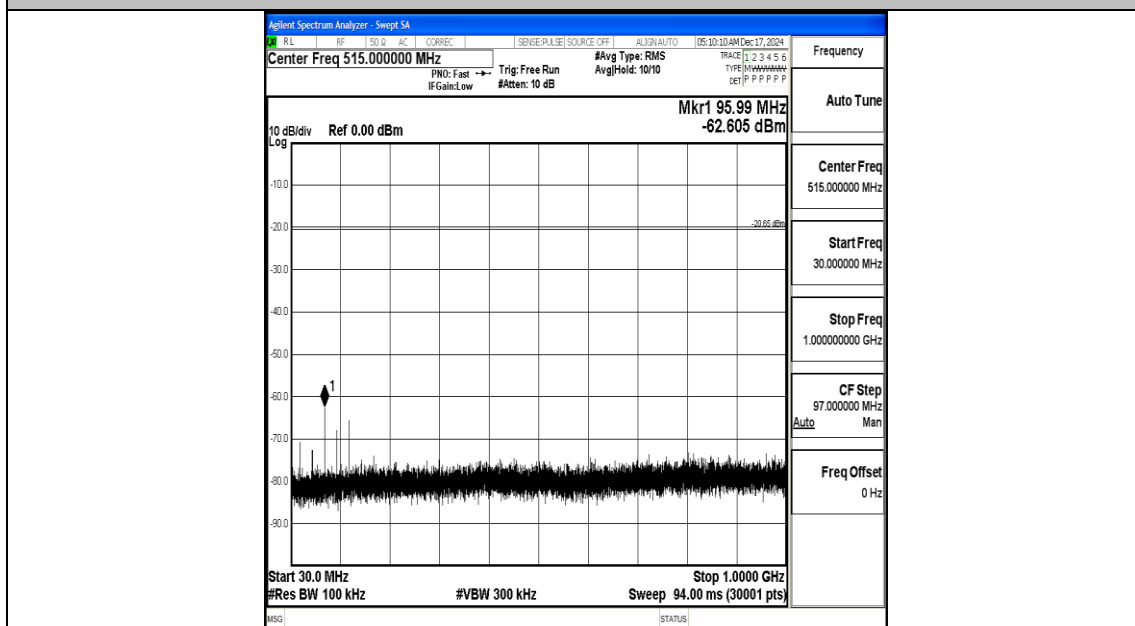




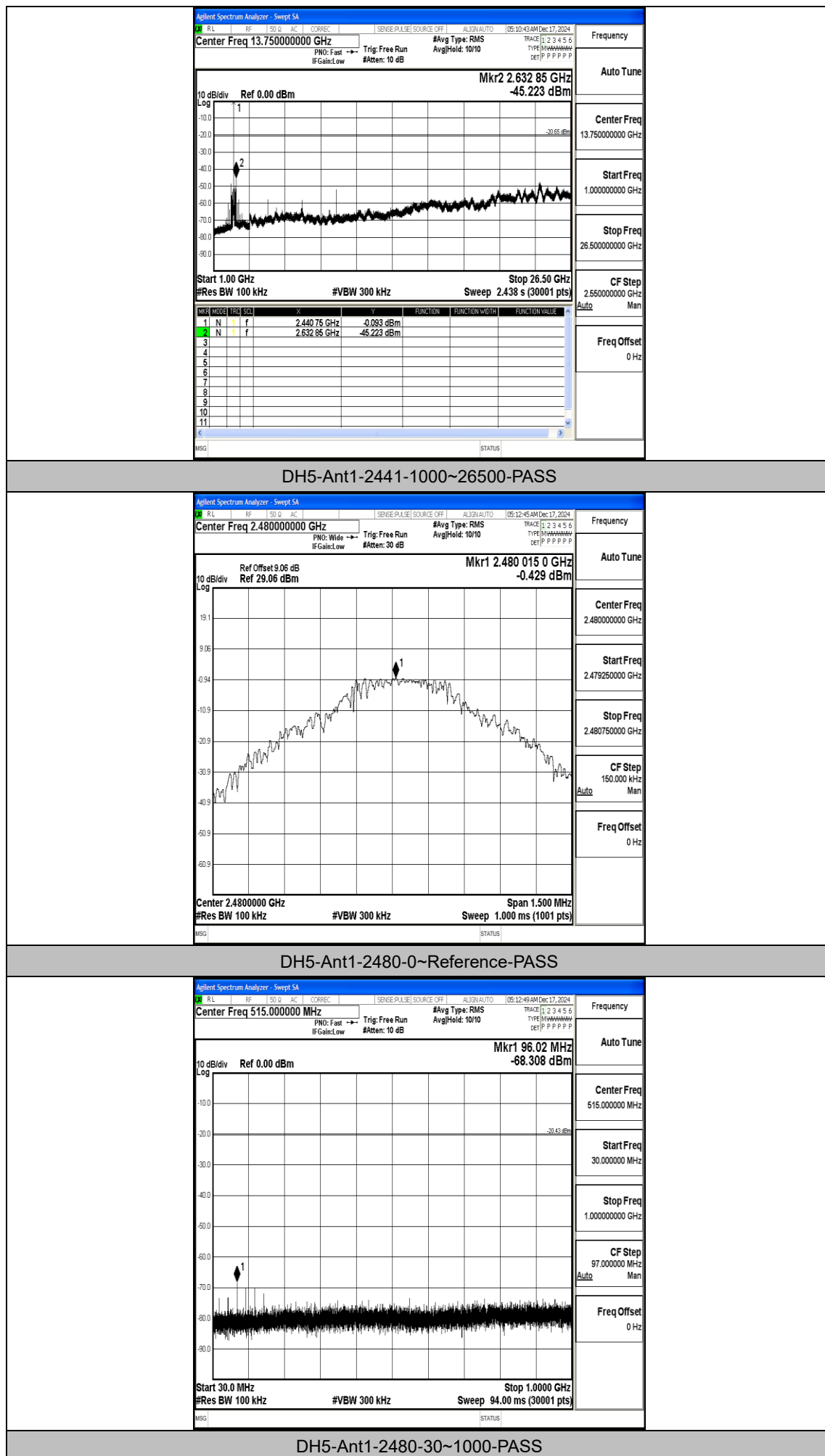
DH5-Ant1-2402-1000~26500-PASS

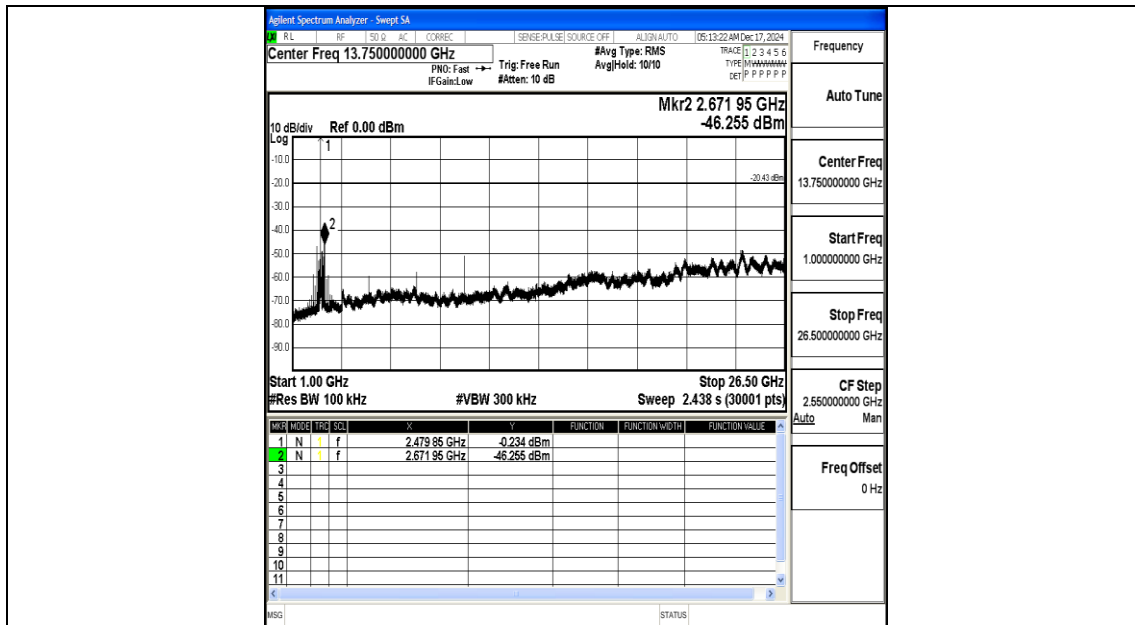


DH5-Ant1-2441-0~Reference-PASS

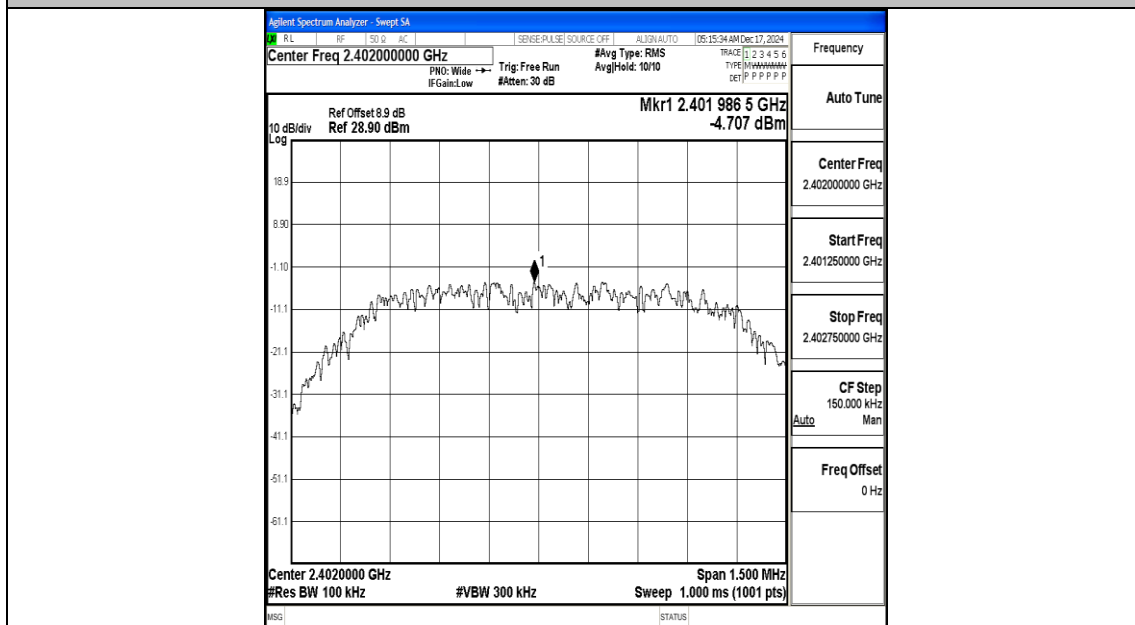


DH5-Ant1-2441-30~1000-PASS

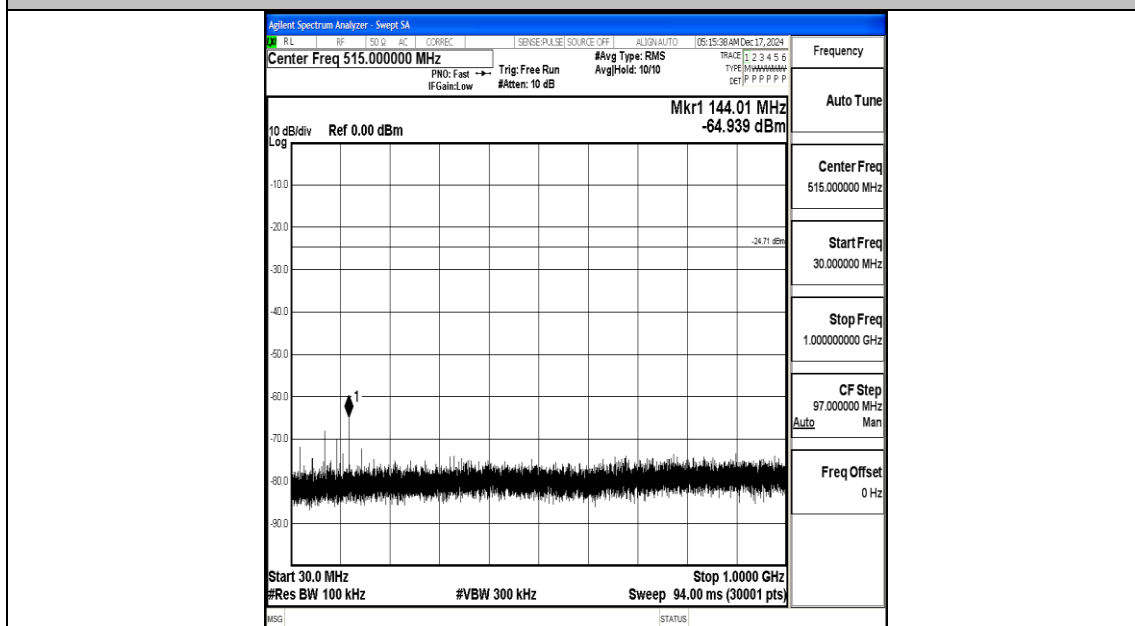




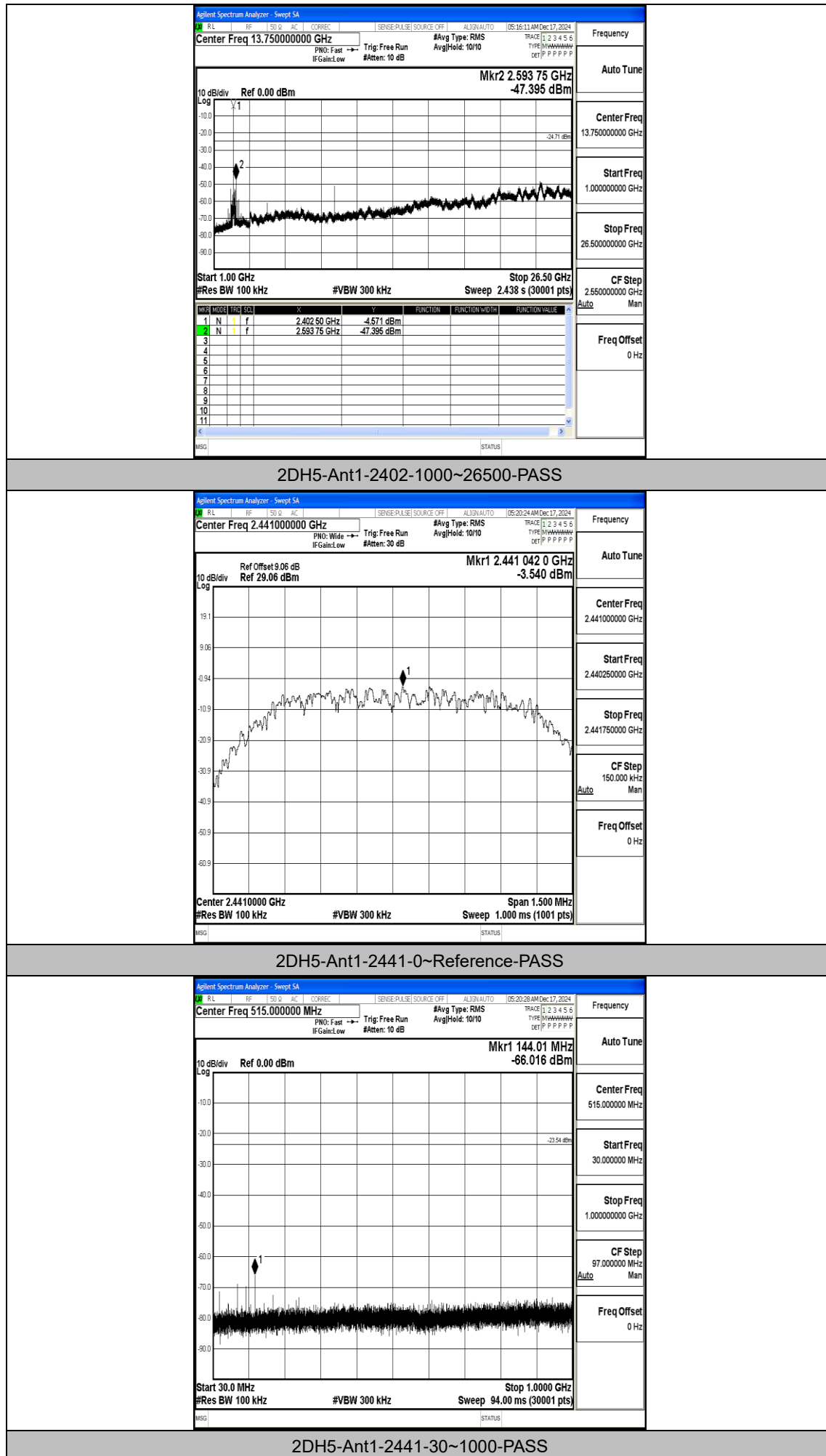
DH5-Ant1-2480-1000~26500-PASS

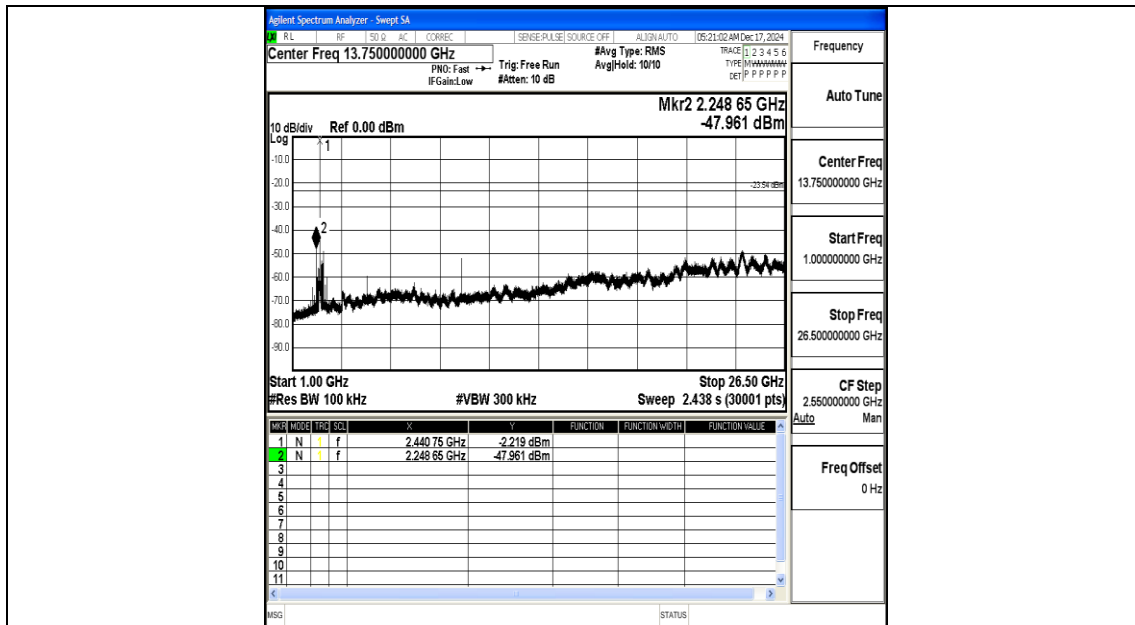


2DH5-Ant1-2402-0~Reference-PASS

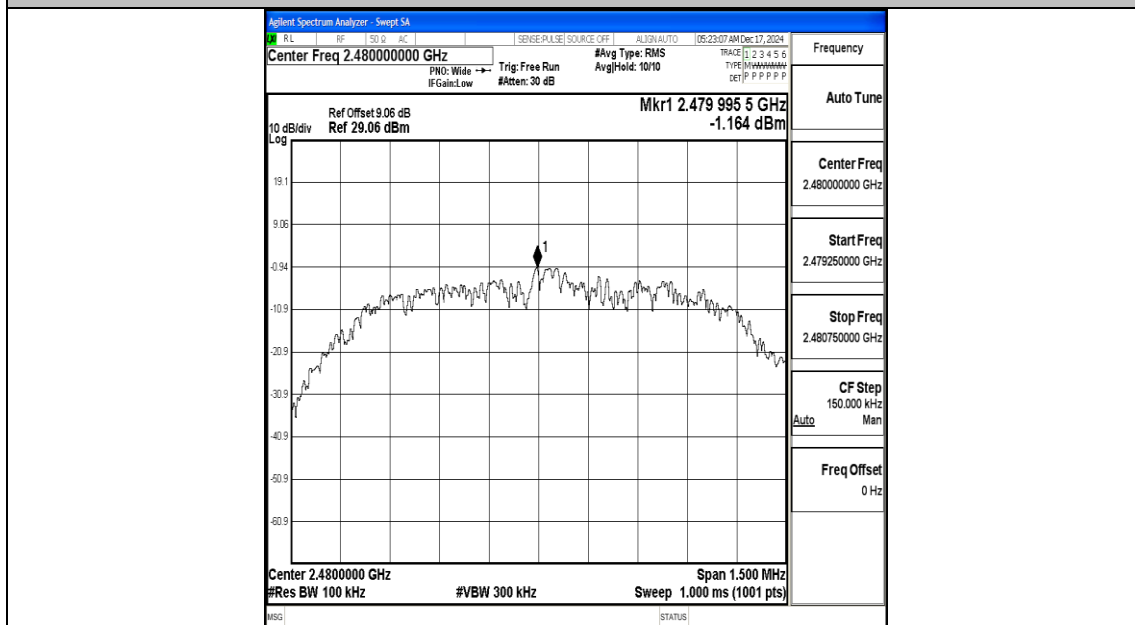


2DH5-Ant1-2402-30~1000-PASS

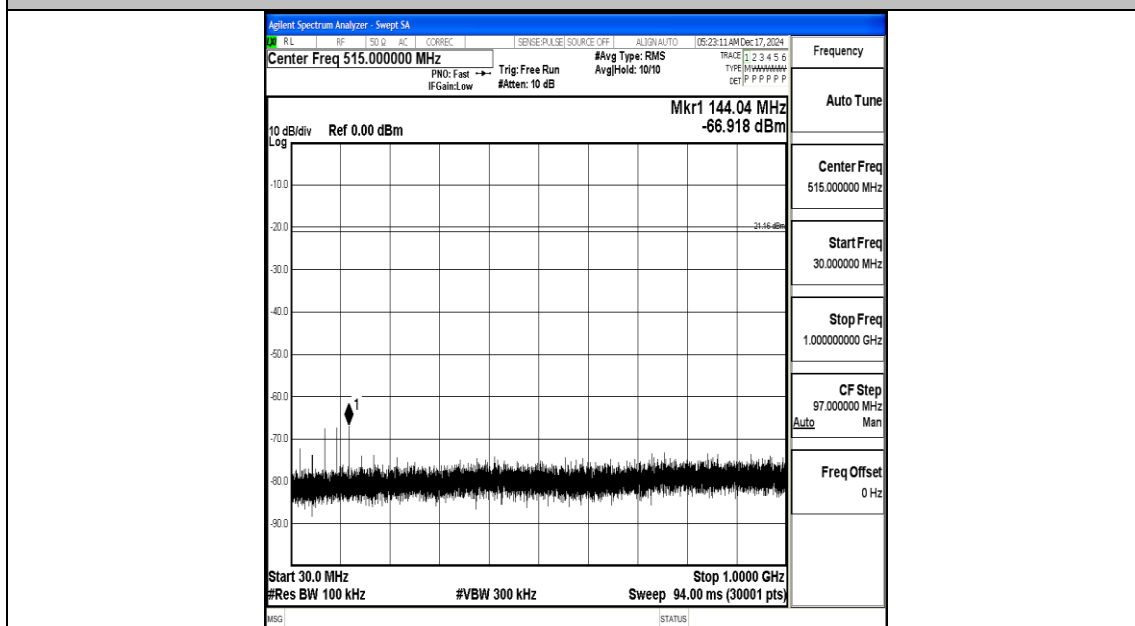




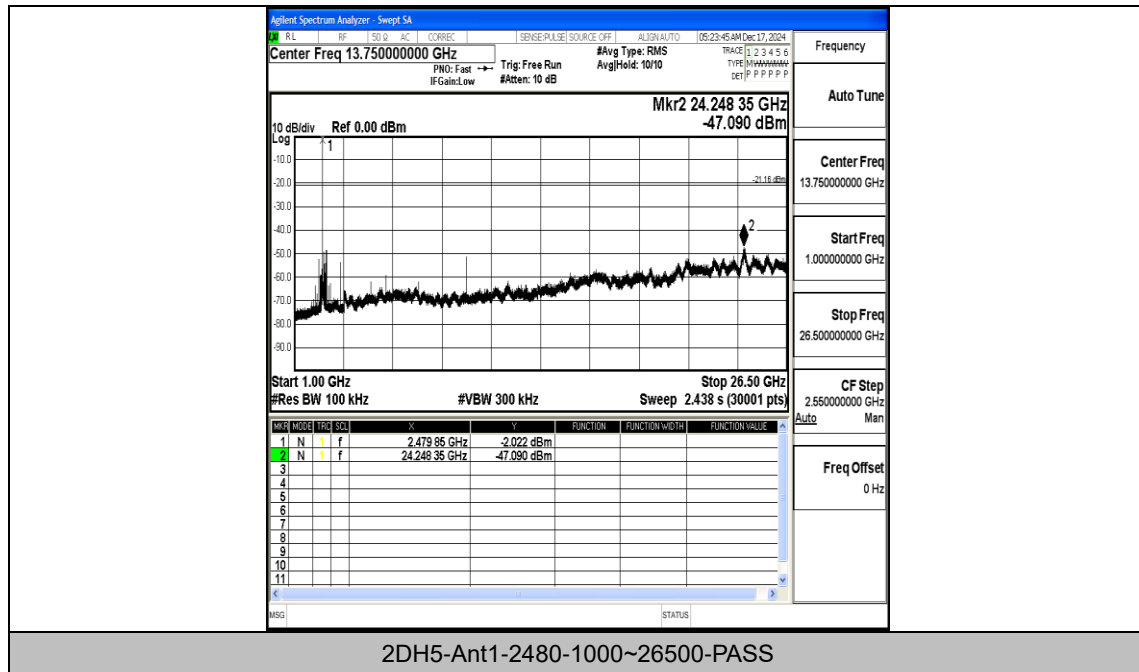
2DH5-Ant1-2441-1000~26500-PASS



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



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

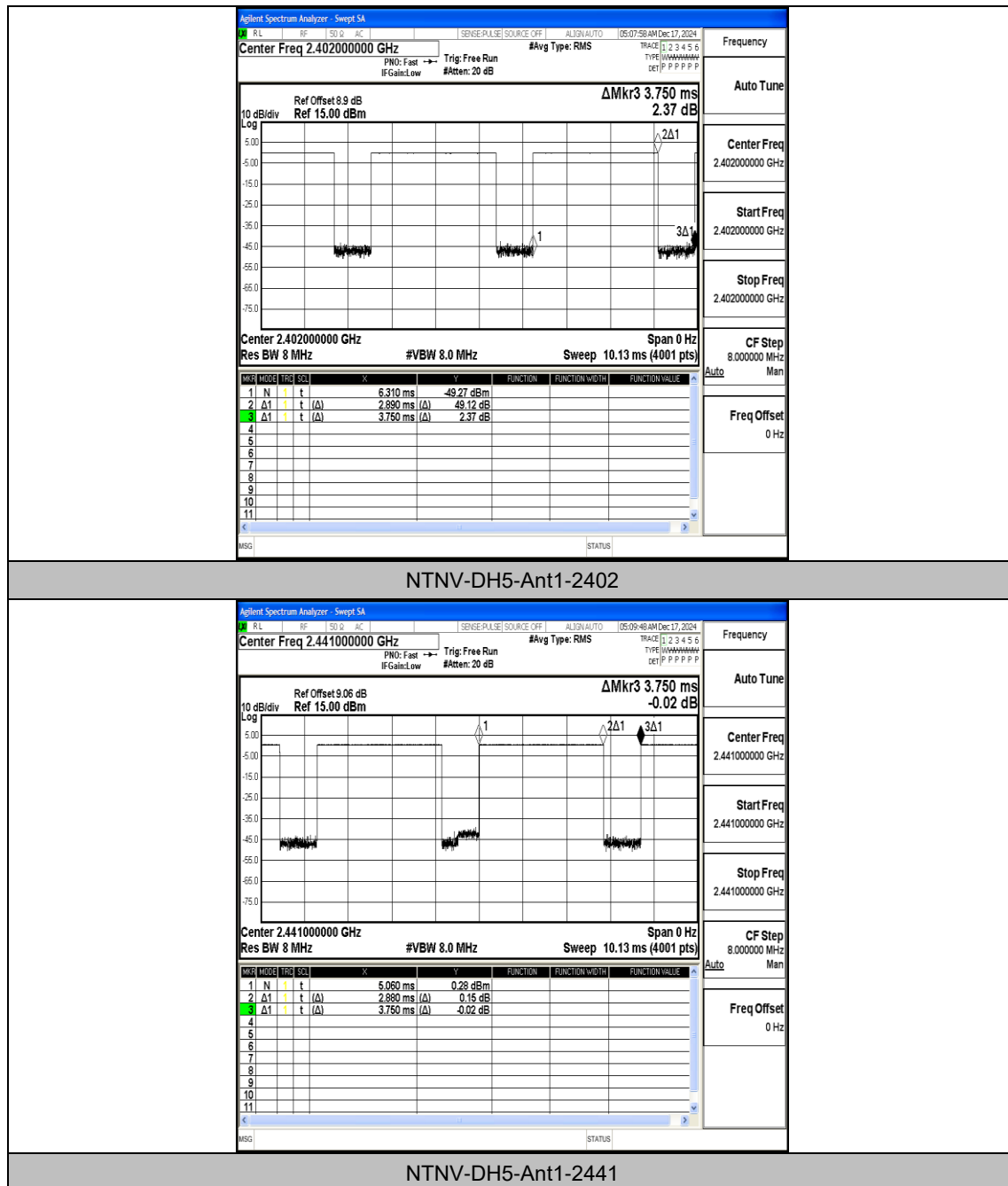


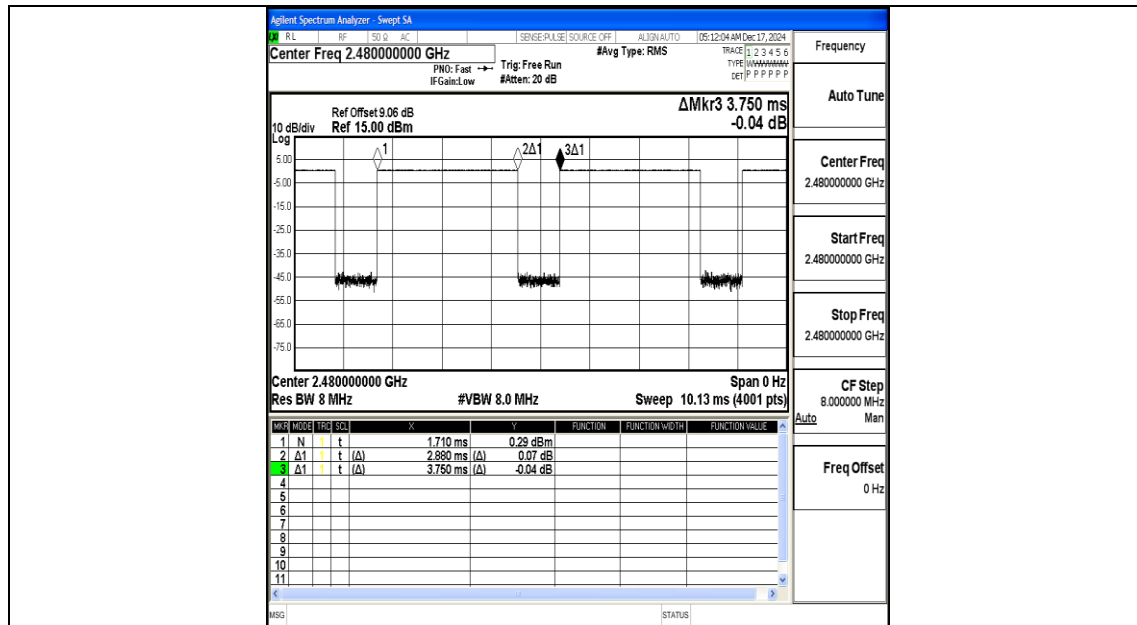
Appendix I: Duty Cycle

Test Result

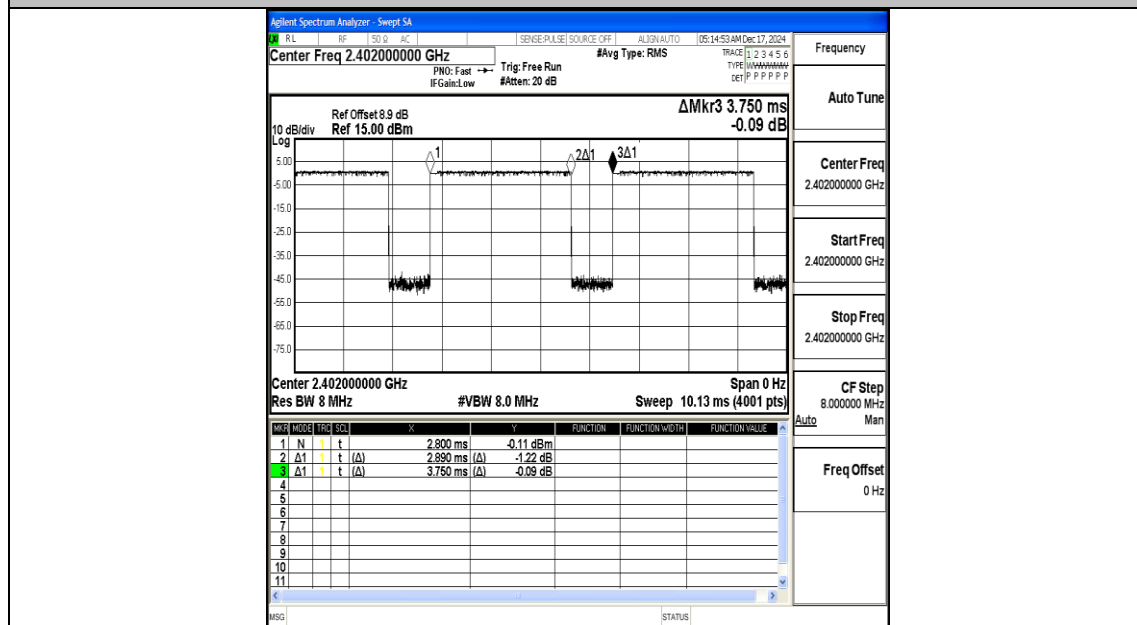
Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor [dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.75	77.07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

Test Graphs

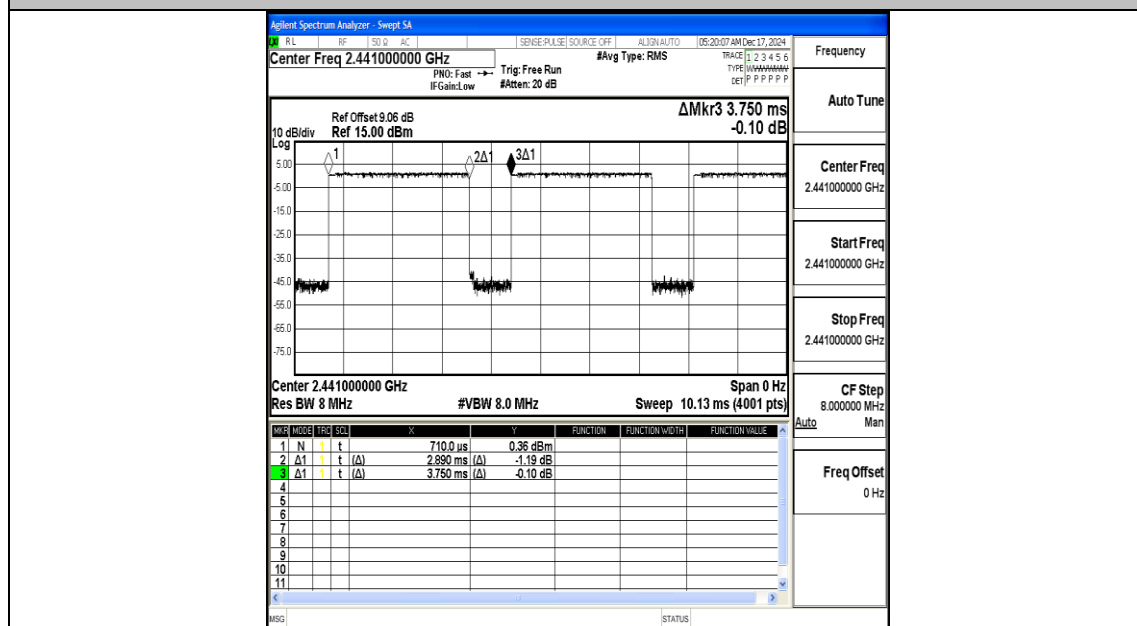




NTNV-DH5-Ant1-2480



NTNV-2DH5-Ant1-2402



NTNV-2DH5-Ant1-2441

