

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

Product Name: True Wireless Stereo Bluetooth Headset

Trade Mark: aigo

Test Model: SJ295

FCC ID: 2ASNB-SJ295

Environmental Conditions

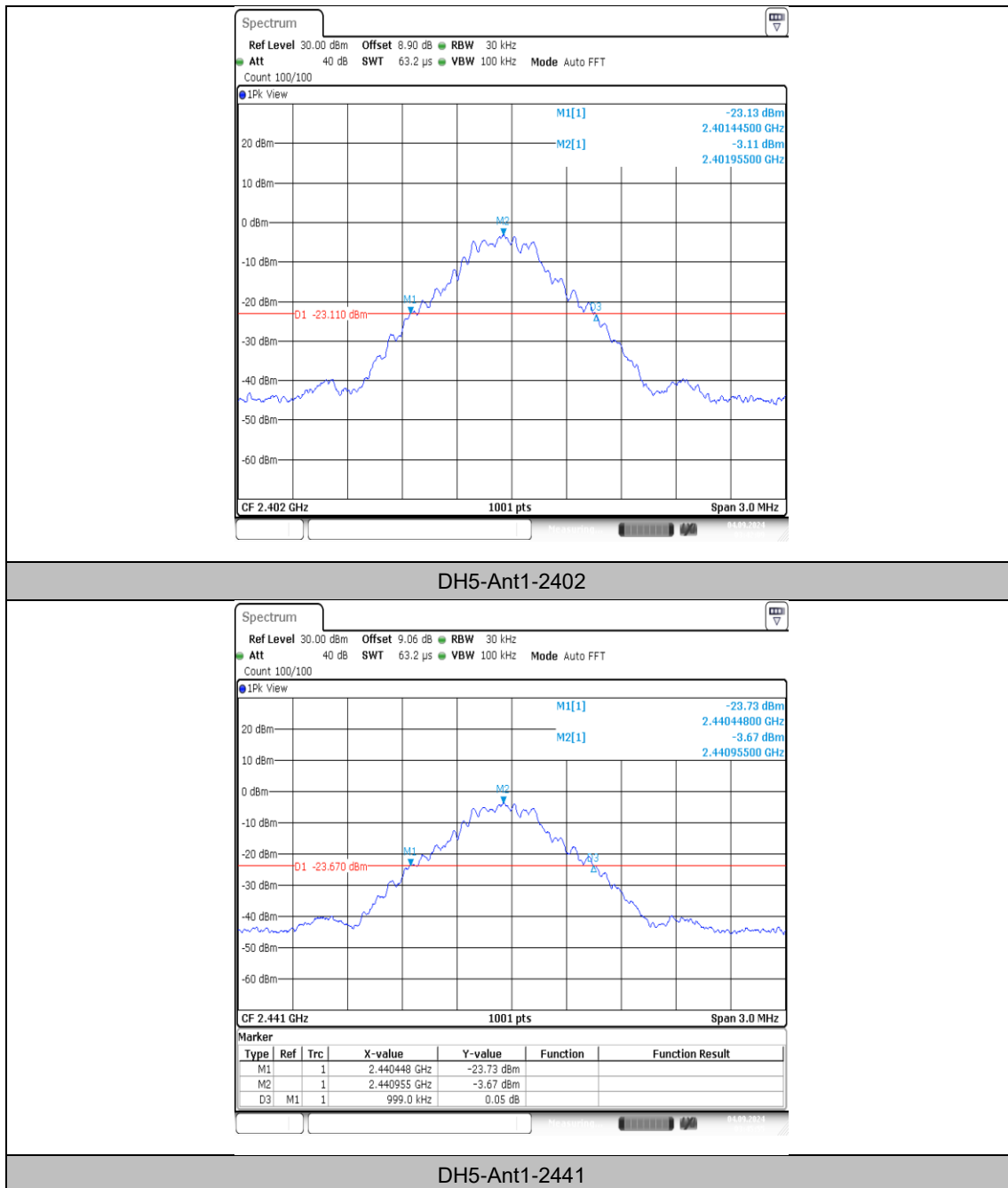
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

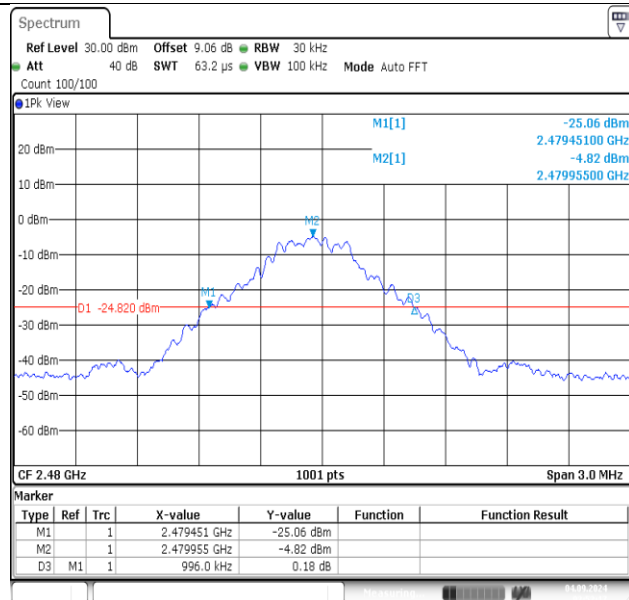
Appendix A: 20dB Emission Bandwidth

Test Result

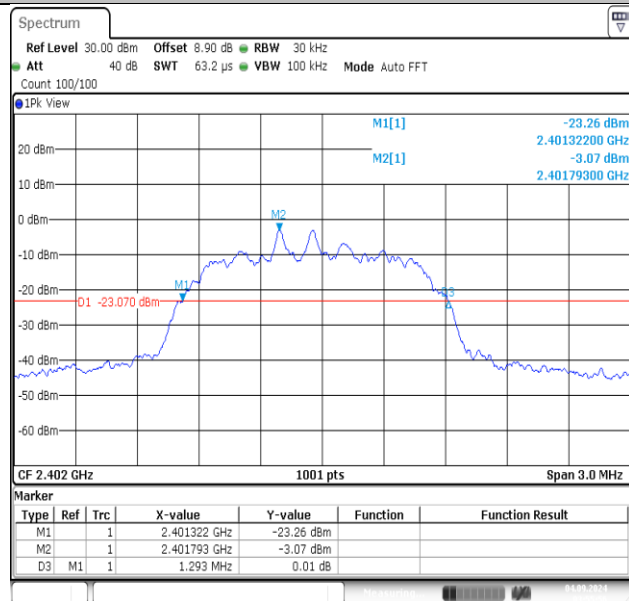
Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	1.02	2401.45	2402.46	---	---
DH5	Ant1	2441	1.00	2440.45	2441.45	---	---
DH5	Ant1	2480	1.00	2479.45	2480.45	---	---
2DH5	Ant1	2402	1.29	2401.32	2402.62	---	---
2DH5	Ant1	2441	1.30	2440.32	2441.62	---	---
2DH5	Ant1	2480	1.32	2479.30	2480.62	---	---

Test Graphs

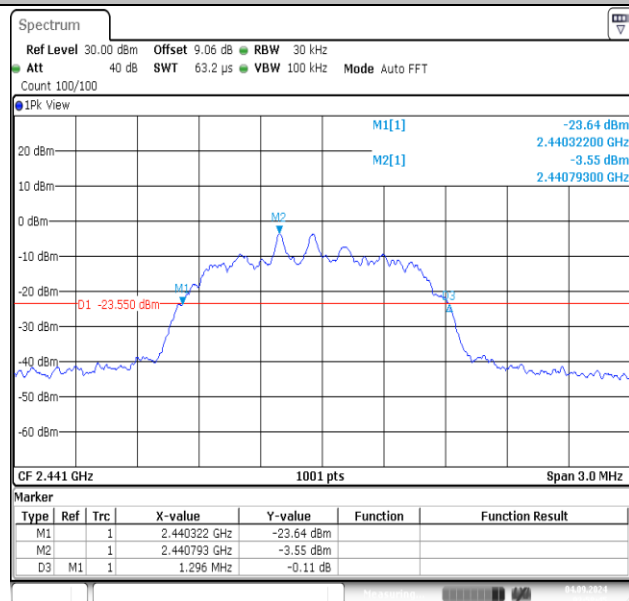




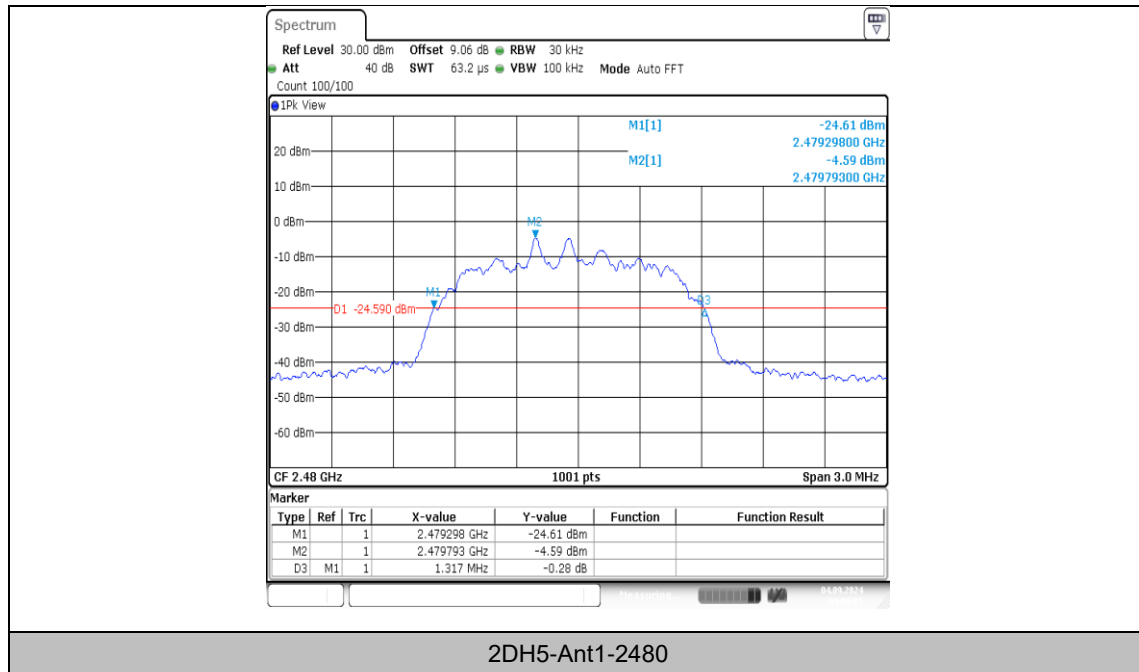
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441

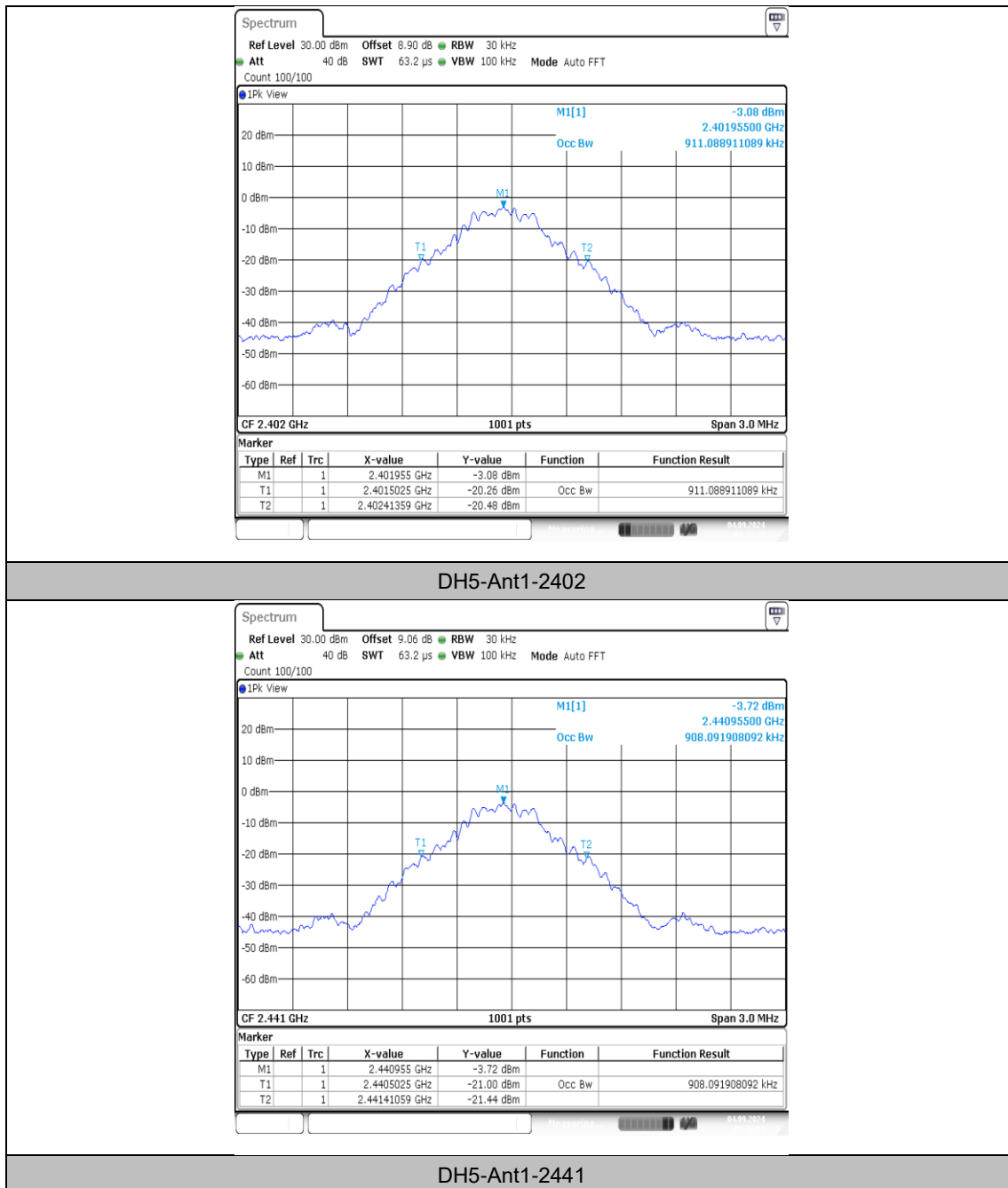


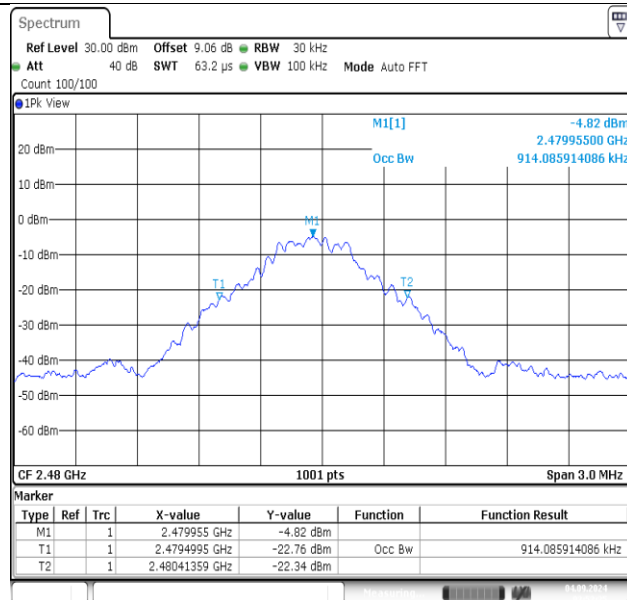
Appendix B: Occupied Channel Bandwidth

Test Result

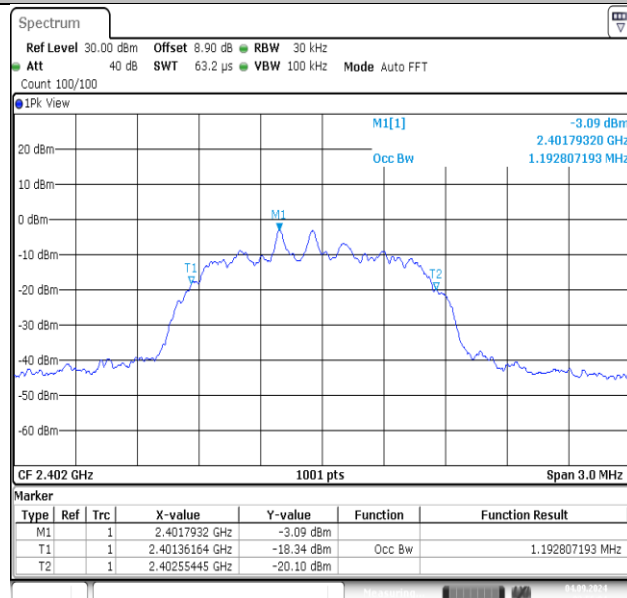
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.911	2401.5025	2402.4136	---	---
DH5	Ant1	2441	0.908	2440.5025	2441.4106	---	---
DH5	Ant1	2480	0.914	2479.4995	2480.4136	---	---
2DH5	Ant1	2402	1.193	2401.3616	2402.5544	---	---
2DH5	Ant1	2441	1.196	2440.3586	2441.5544	---	---
2DH5	Ant1	2480	1.196	2479.3586	2480.5544	---	---

Test Graphs

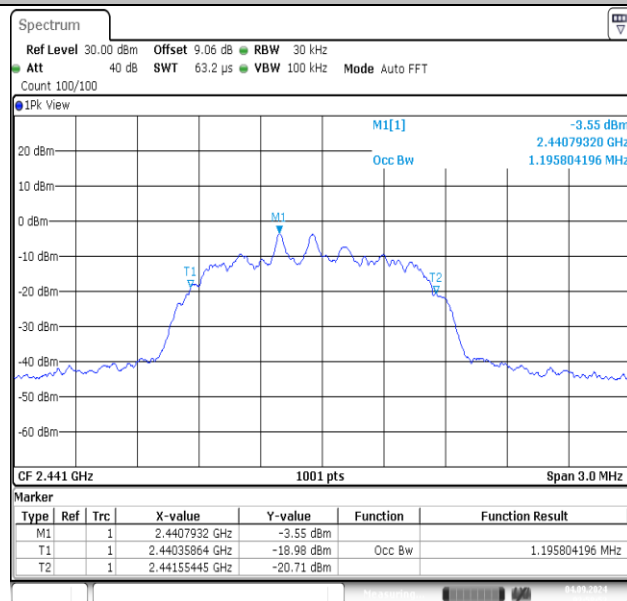




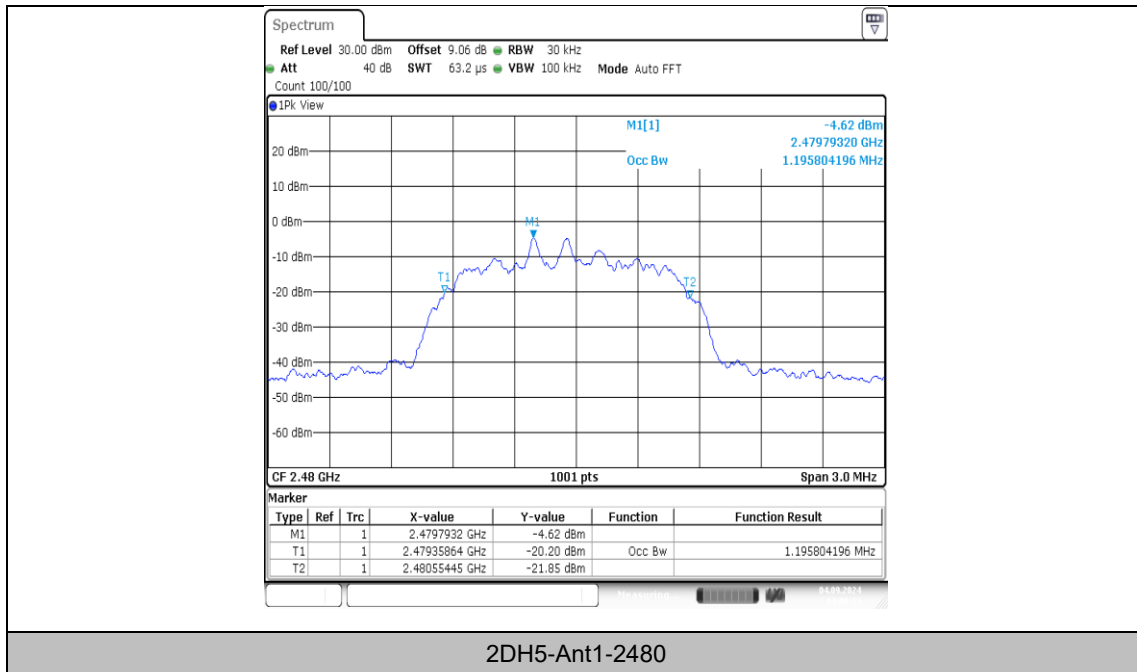
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441

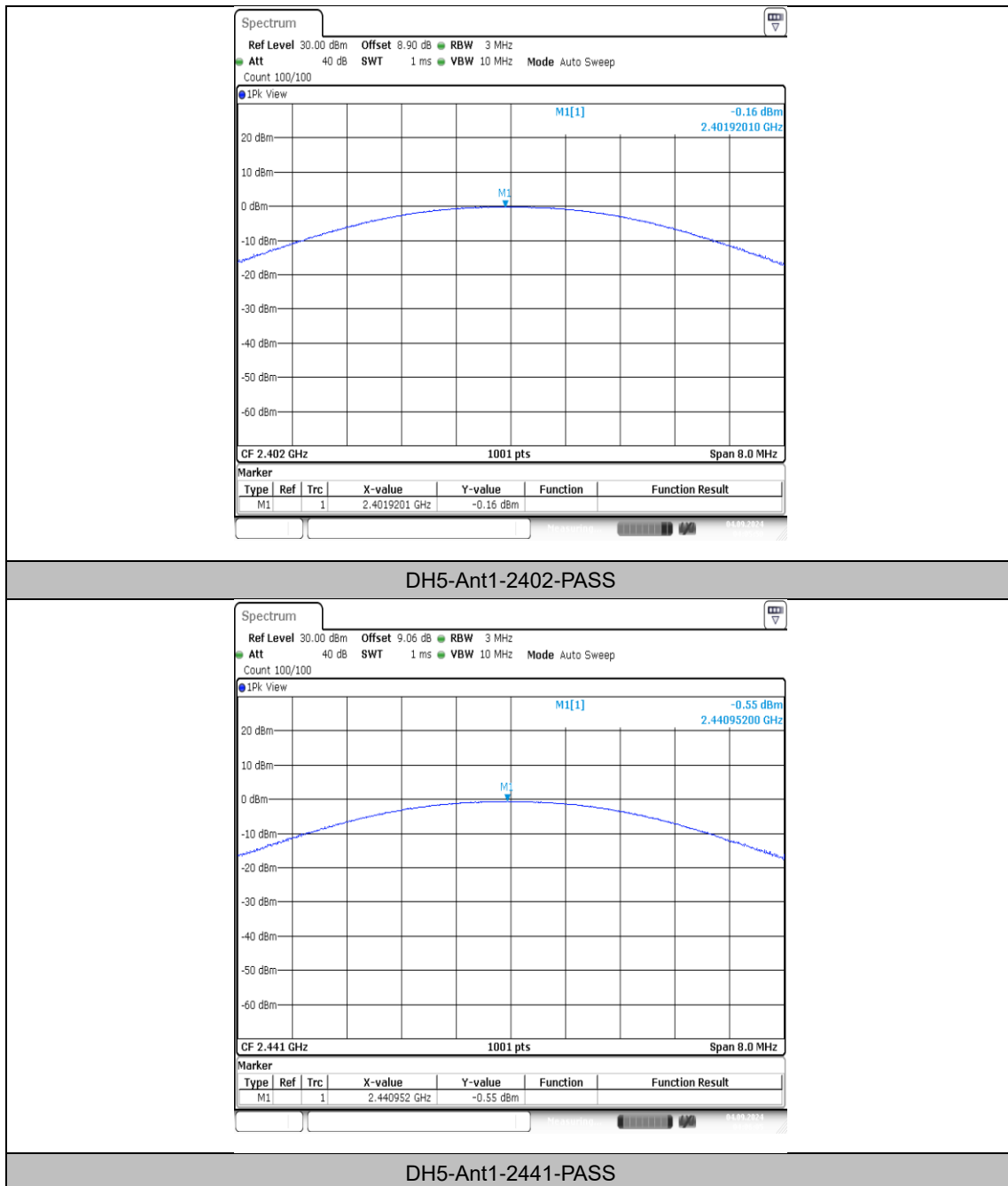


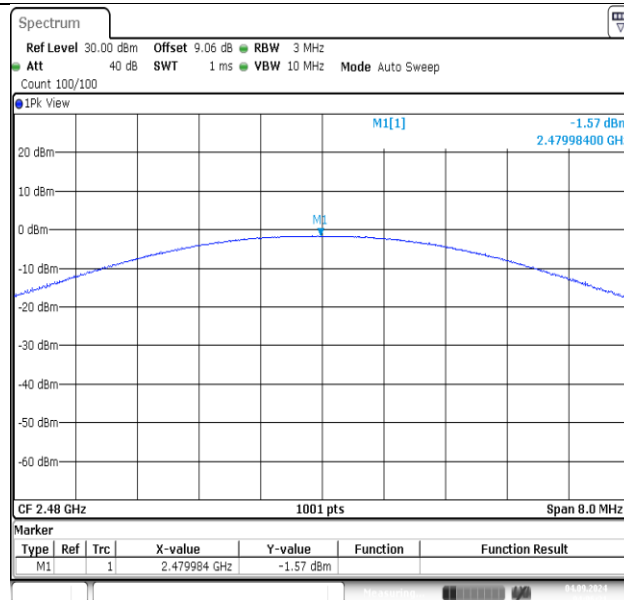
Appendix C: Maximum peak conducted output power

Test Result

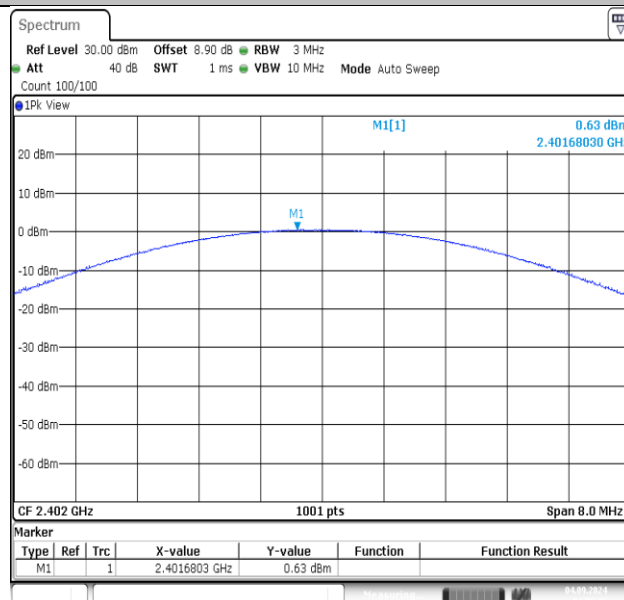
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
DH5	Ant1	2402	-0.16	≤ 20.97	PASS
DH5	Ant1	2441	-0.55	≤ 20.97	PASS
DH5	Ant1	2480	-1.57	≤ 20.97	PASS
2DH5	Ant1	2402	0.63	≤ 20.97	PASS
2DH5	Ant1	2441	0.06	≤ 20.97	PASS
2DH5	Ant1	2480	-0.92	≤ 20.97	PASS

Test Graphs

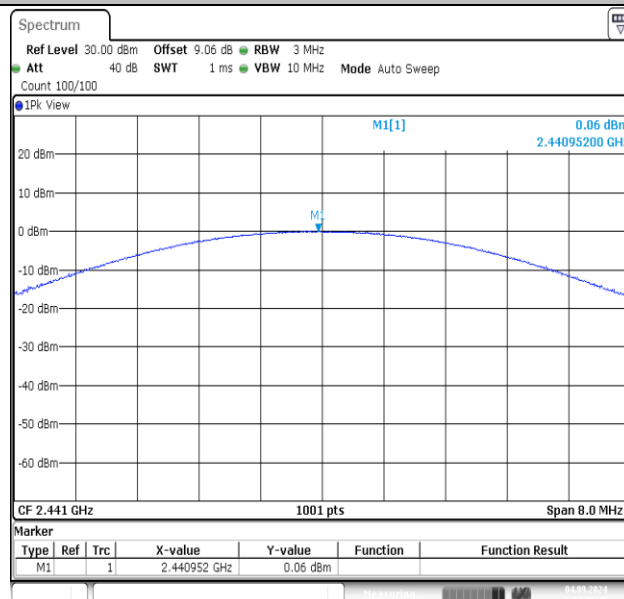




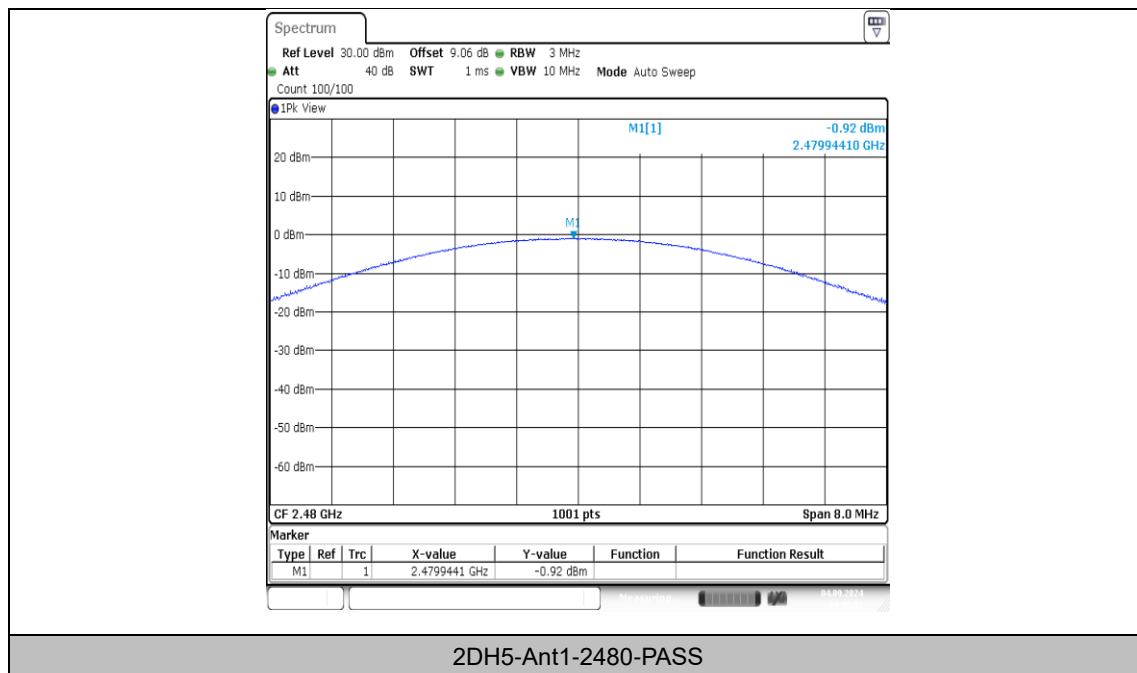
DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS

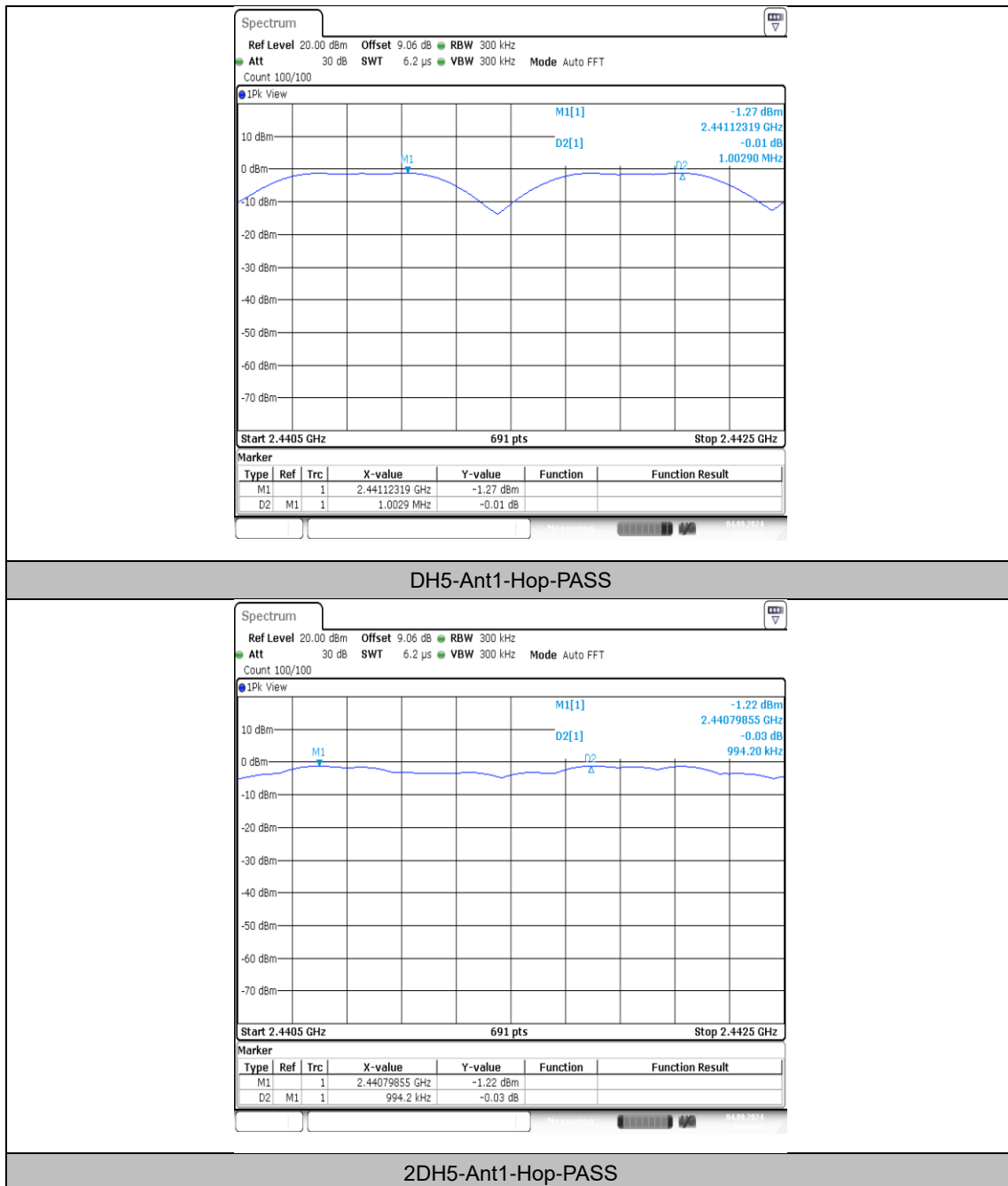


Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1.003	≥ 0.680	PASS
2DH5	Ant1	Hop	0.994	≥ 0.880	PASS

Test Graphs

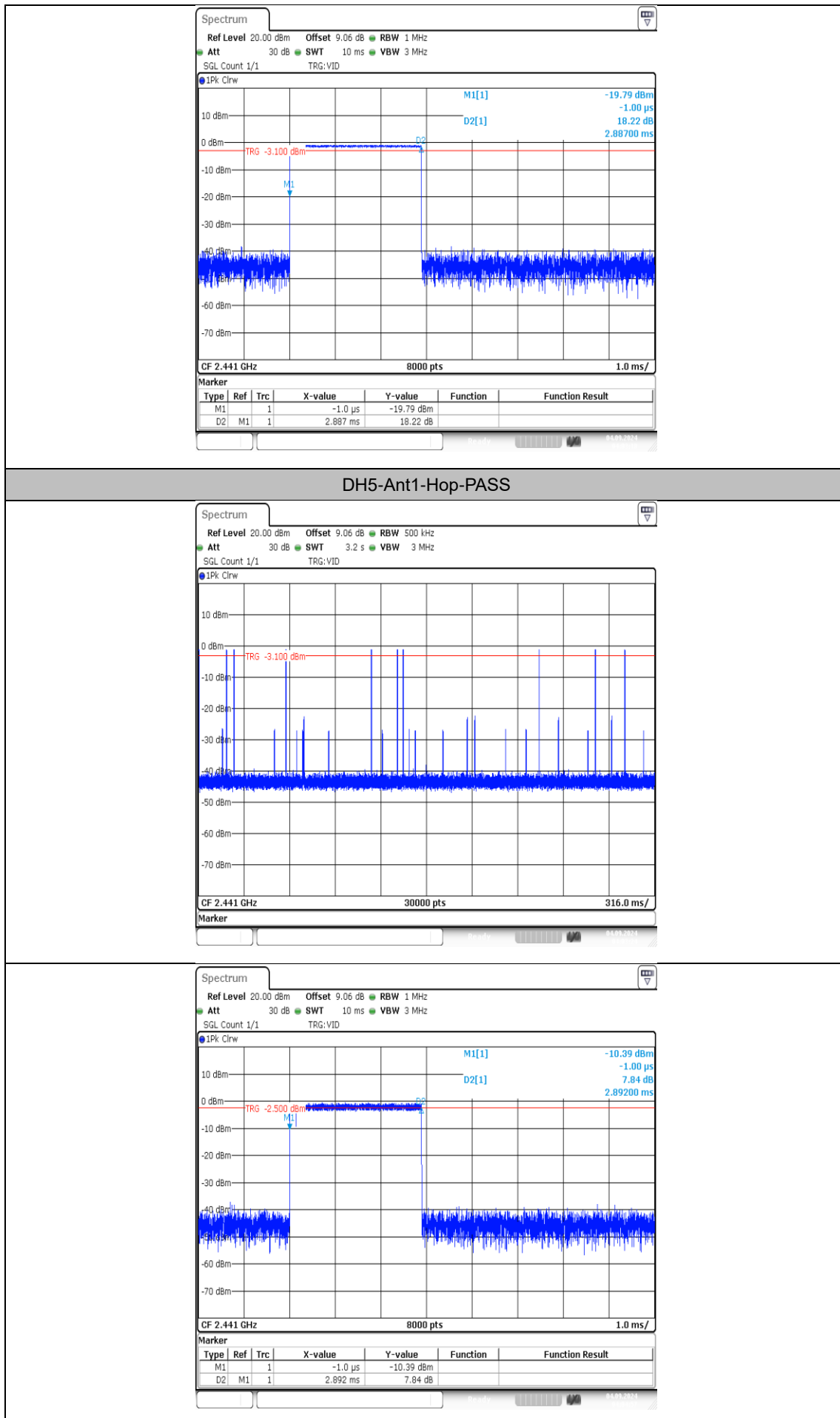


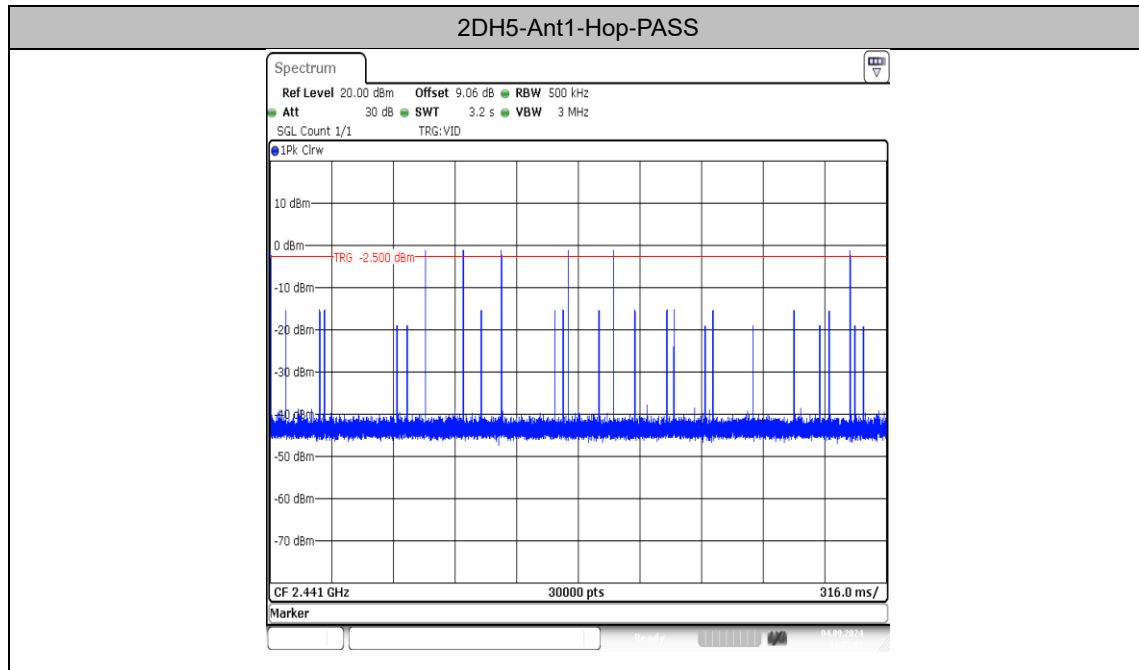
Appendix E: Time of occupancy

Test Result

Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	TotalHops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.887	100	0.289	≤0.4	PASS
2DH5	Ant1	Hop	2.892	70	0.202	≤0.4	PASS

Test Graphs



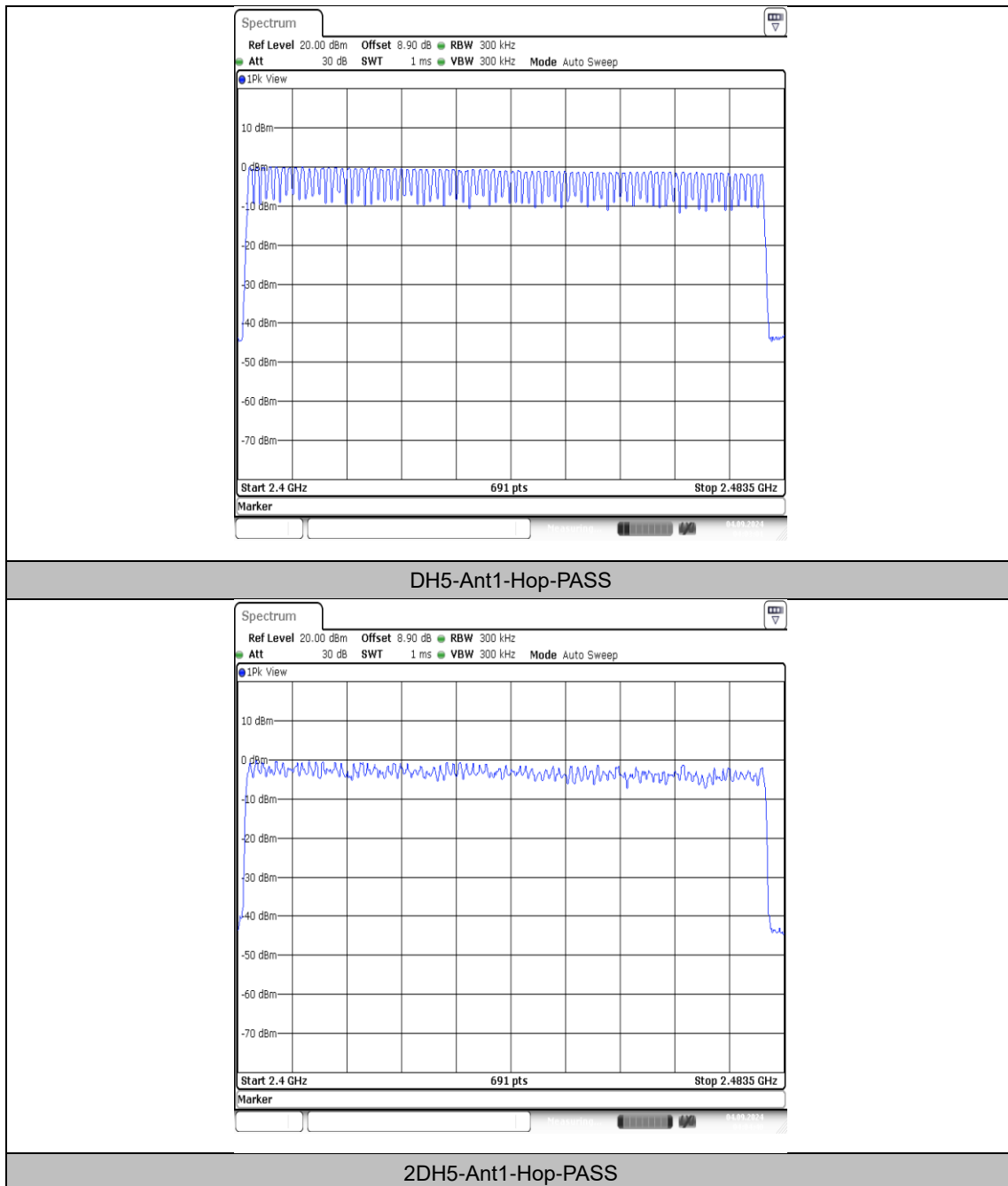


Appendix F: Number of hopping channels

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



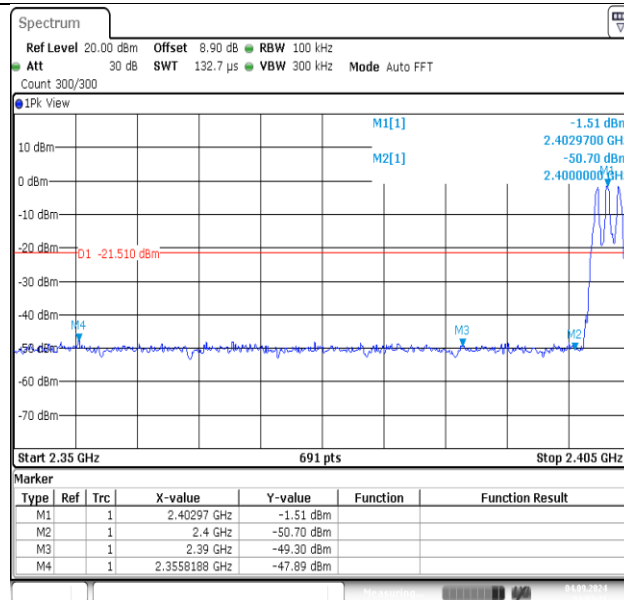
Appendix G: Band edge measurements

Test Result

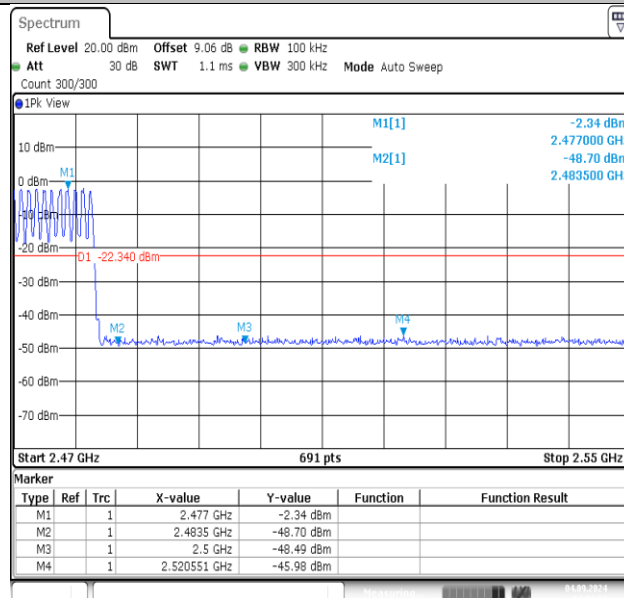
Test Mode	Antenna	Ch.Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.81	-47.42	≤ -20.81	PASS
DH5	Ant1	High	2480	-2.36	-46.03	≤ -22.36	PASS
DH5	Ant1	Low	Hop_2402	-1.51	-47.89	≤ -21.51	PASS
DH5	Ant1	High	Hop_2480	-2.34	-45.98	≤ -22.34	PASS
2DH5	Ant1	Low	2402	-0.79	-47.14	≤ -20.79	PASS
2DH5	Ant1	High	2480	-2.32	-46.11	≤ -22.32	PASS
2DH5	Ant1	Low	Hop_2402	-4.86	-46.13	≤ -24.86	PASS
2DH5	Ant1	High	Hop_2480	-2.16	-46.27	≤ -22.16	PASS

Test Graphs

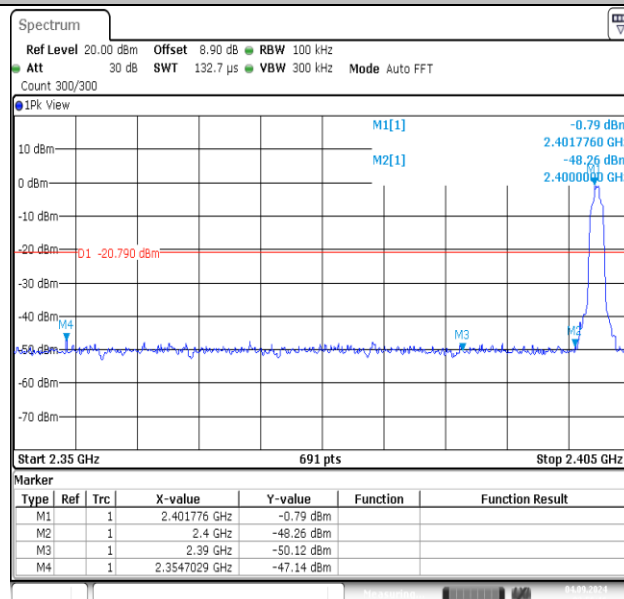




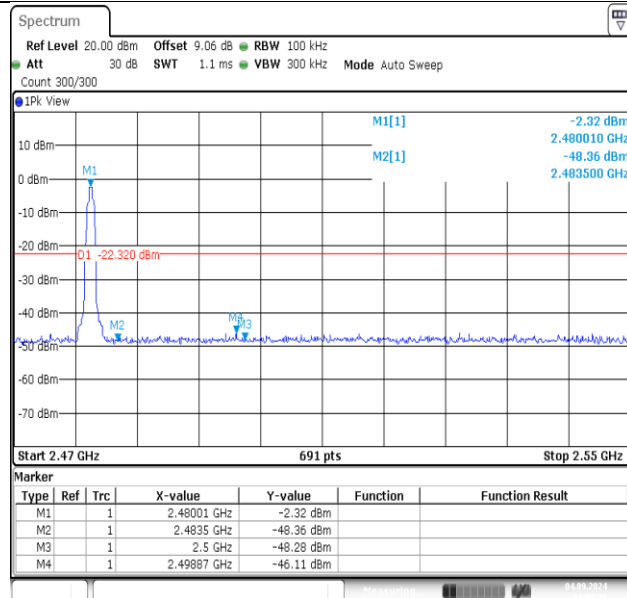
DH5-Ant1-Hop_2402-PASS



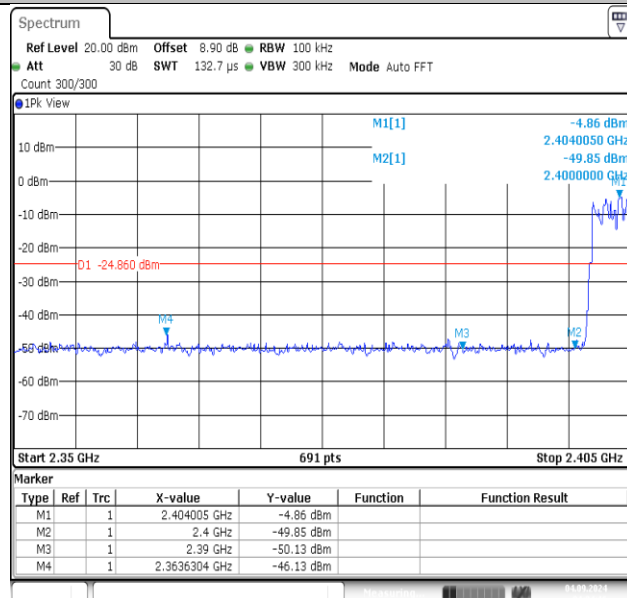
DH5-Ant1-Hop_2480-PASS



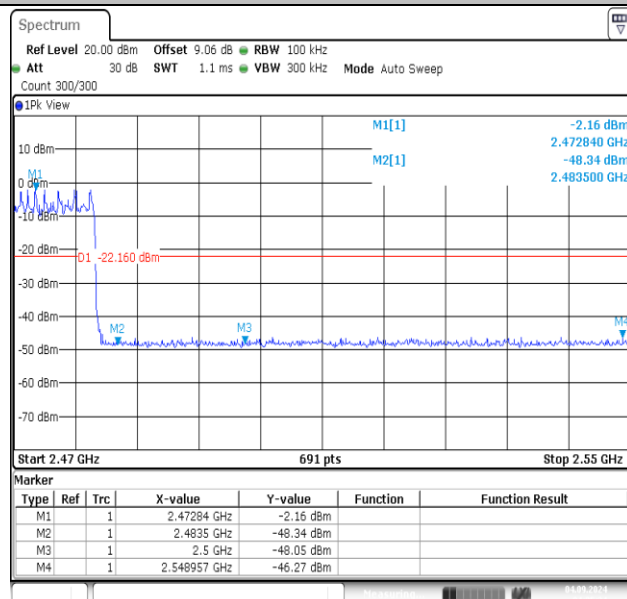
2DH5-Ant1-2402-PASS



2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS



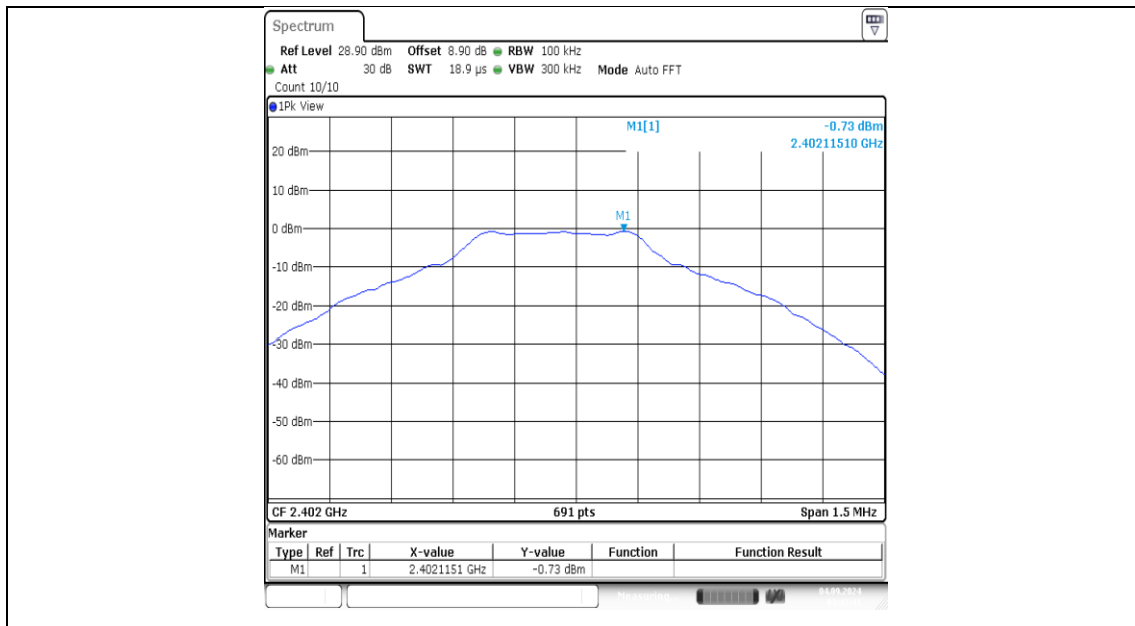
2DH5-Ant1-Hop_2480-PASS

Appendix H: Conducted Spurious Emission

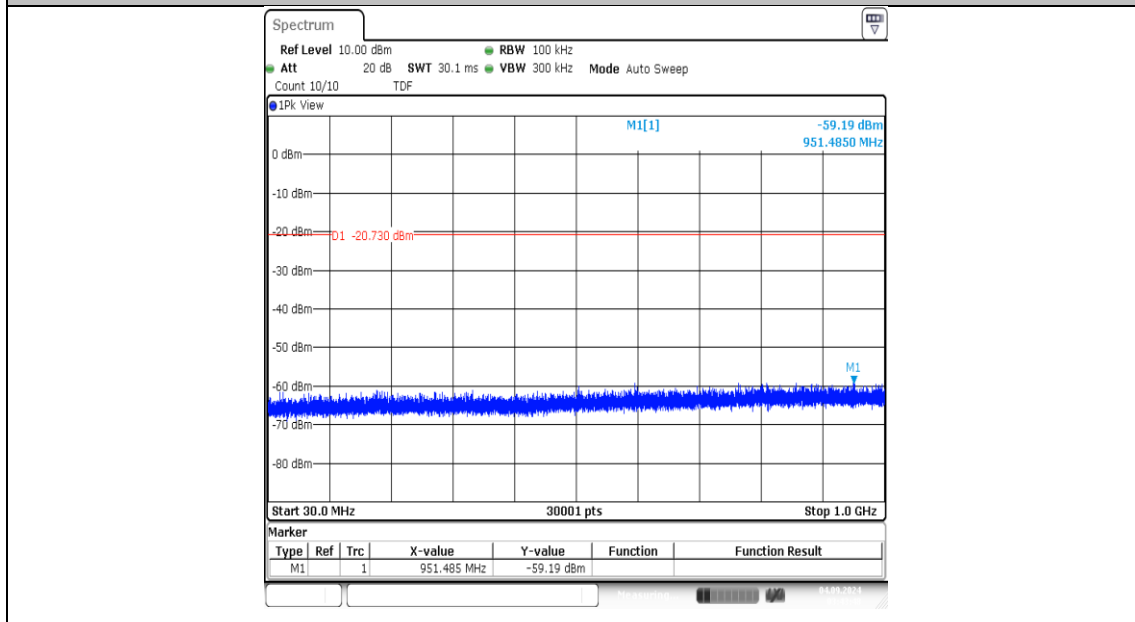
Test Result

Test Mode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.73	-0.73	---	PASS
DH5	Ant1	2402	30~1000	-0.73	-59.19	≤-20.73	PASS
DH5	Ant1	2402	1000~26500	-0.73	-47.83	≤-20.73	PASS
DH5	Ant1	2441	0~Reference	-1.29	-1.29	---	PASS
DH5	Ant1	2441	30~1000	-1.29	-58.68	≤-21.29	PASS
DH5	Ant1	2441	1000~26500	-1.29	-47.67	≤-21.29	PASS
DH5	Ant1	2480	0~Reference	-2.32	-2.32	---	PASS
DH5	Ant1	2480	30~1000	-2.32	-59.18	≤-22.32	PASS
DH5	Ant1	2480	1000~26500	-2.32	-46.34	≤-22.32	PASS
2DH5	Ant1	2402	0~Reference	-0.71	-0.71	---	PASS
2DH5	Ant1	2402	30~1000	-0.71	-58.85	≤-20.71	PASS
2DH5	Ant1	2402	1000~26500	-0.71	-50.06	≤-20.71	PASS
2DH5	Ant1	2441	0~Reference	-1.25	-1.25	---	PASS
2DH5	Ant1	2441	30~1000	-1.25	-58.88	≤-21.25	PASS
2DH5	Ant1	2441	1000~26500	-1.25	-50.14	≤-21.25	PASS
2DH5	Ant1	2480	0~Reference	-2.29	-2.29	---	PASS
2DH5	Ant1	2480	30~1000	-2.29	-58.82	≤-22.29	PASS
2DH5	Ant1	2480	1000~26500	-2.29	-44.65	≤-22.29	PASS

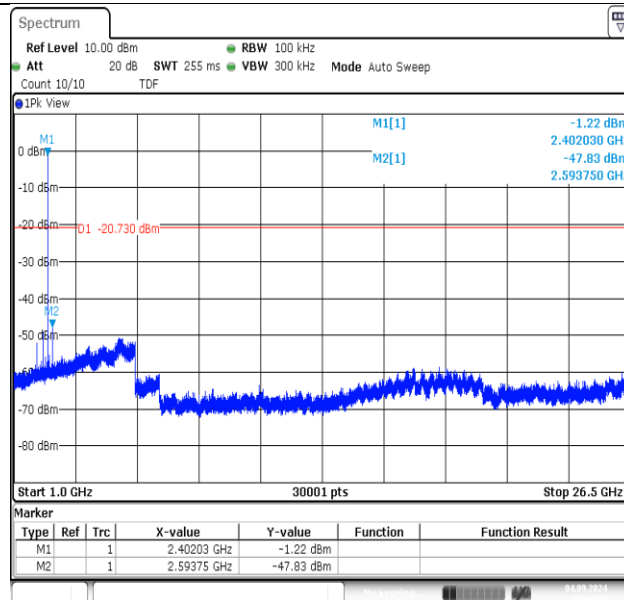
Test Graphs



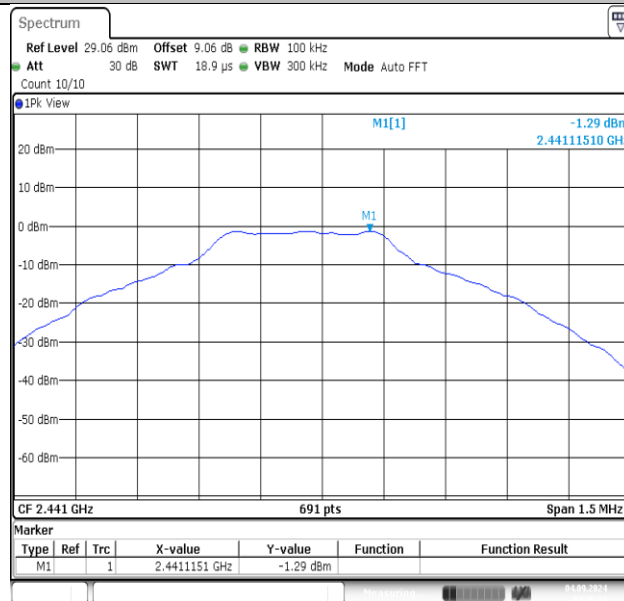
DH5-Ant1-2402-0~Reference-PASS



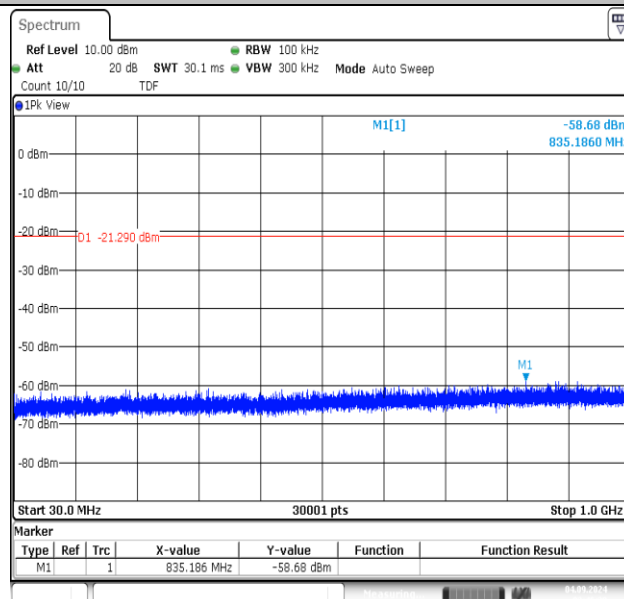
DH5-Ant1-2402-30~1000-PASS



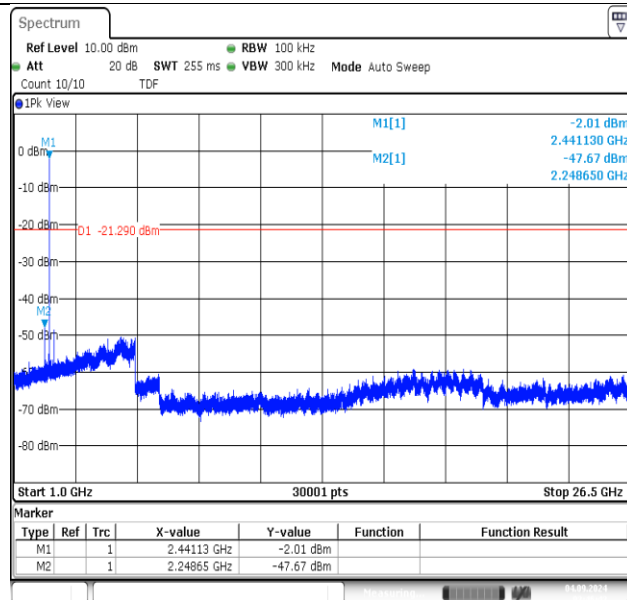
DH5-Ant1-2402-1000~26500-PASS



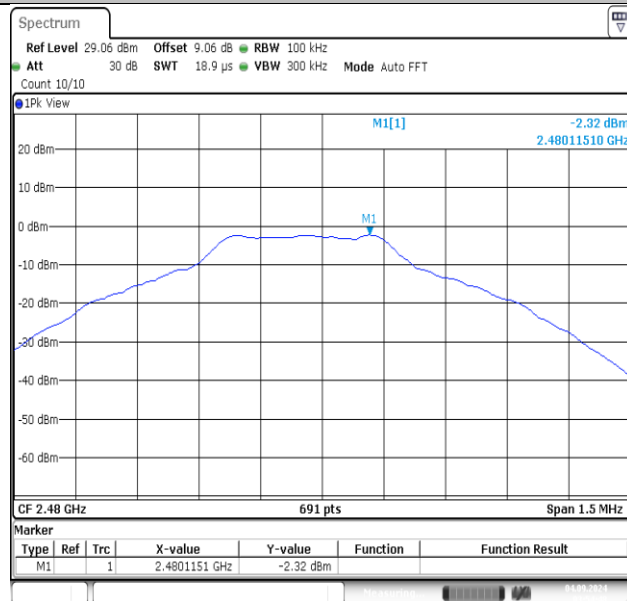
DH5-Ant1-2441-0~Reference-PASS



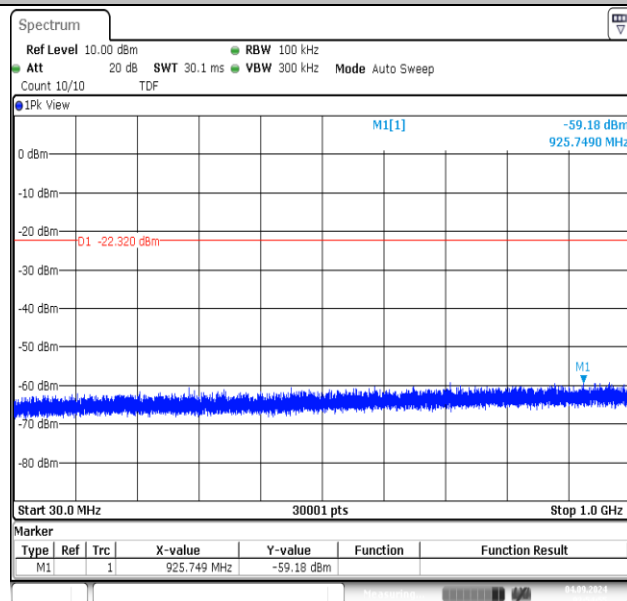
DH5-Ant1-2441-30~1000-PASS



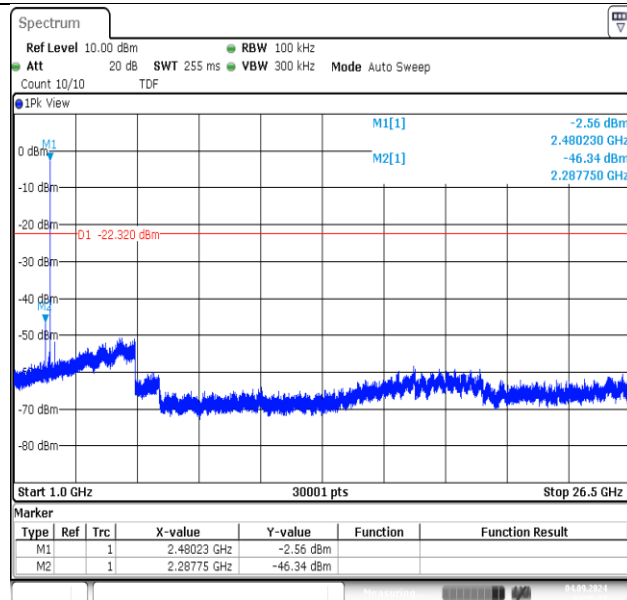
DH5-Ant1-2441-1000~26500-PASS



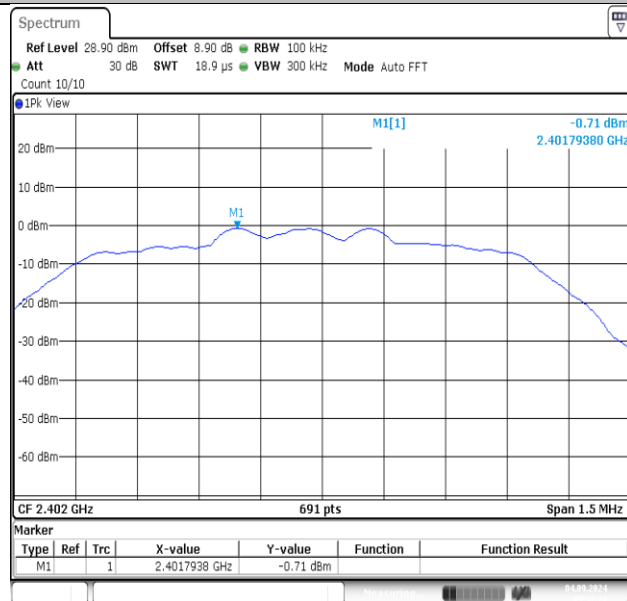
DH5-Ant1-2480-0~Reference-PASS



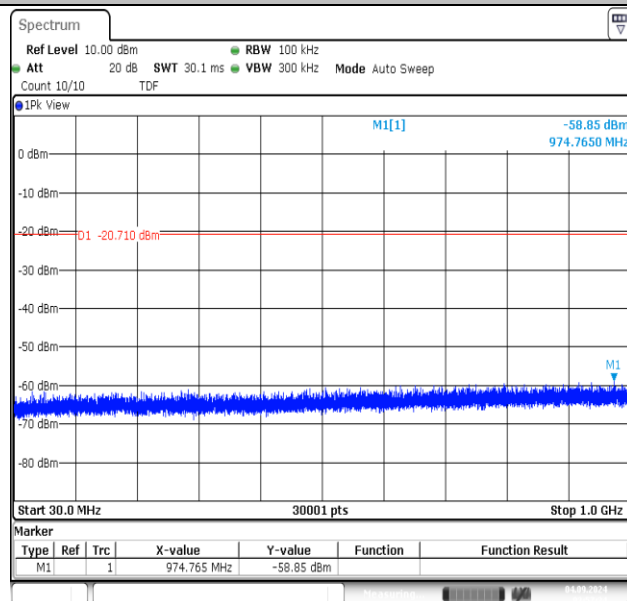
DH5-Ant1-2480-30~1000-PASS



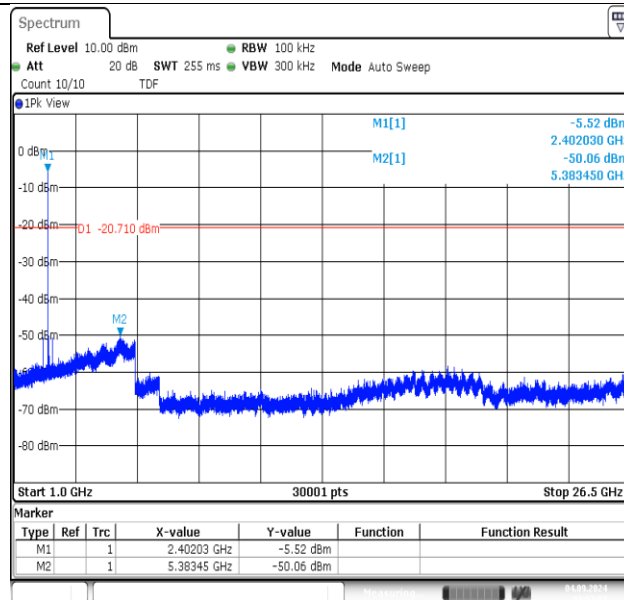
DH5-Ant1-2480-1000~26500-PASS



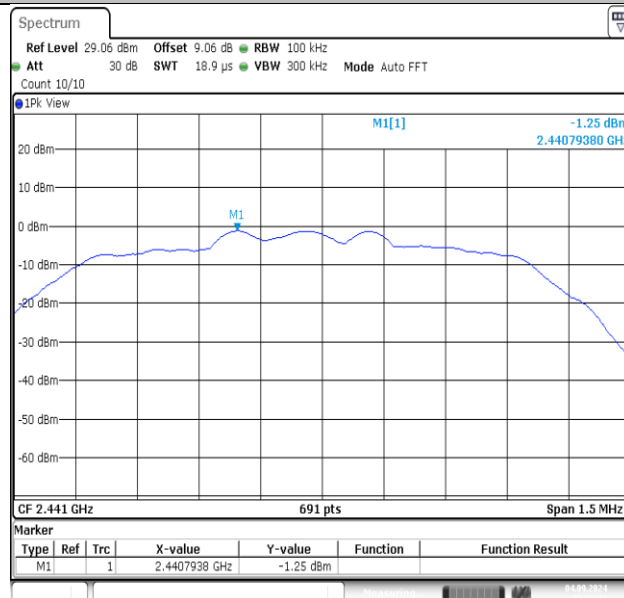
2DH5-Ant1-2402-0~Reference-PASS



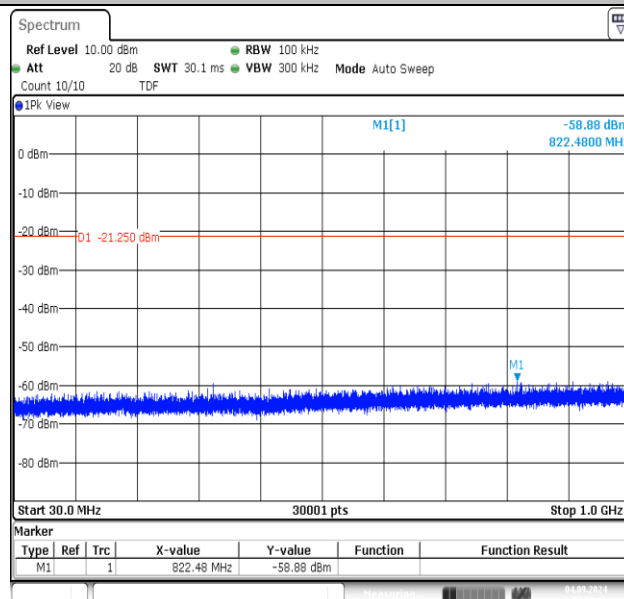
2DH5-Ant1-2402-30~1000-PASS



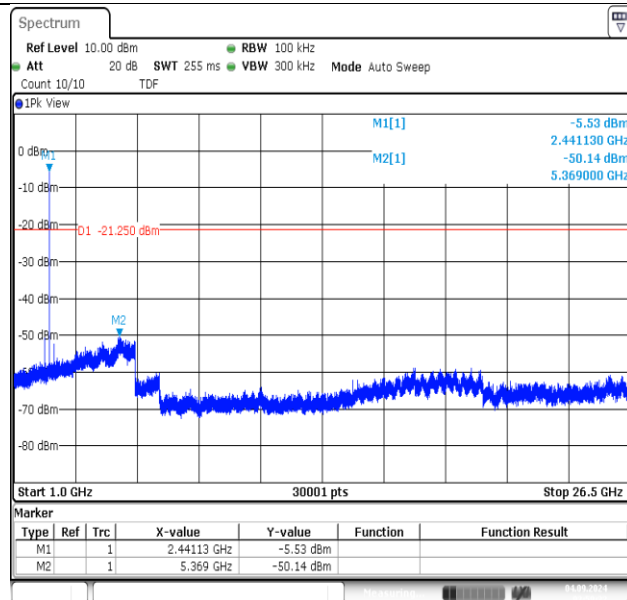
2DH5-Ant1-2402-1000~26500-PASS



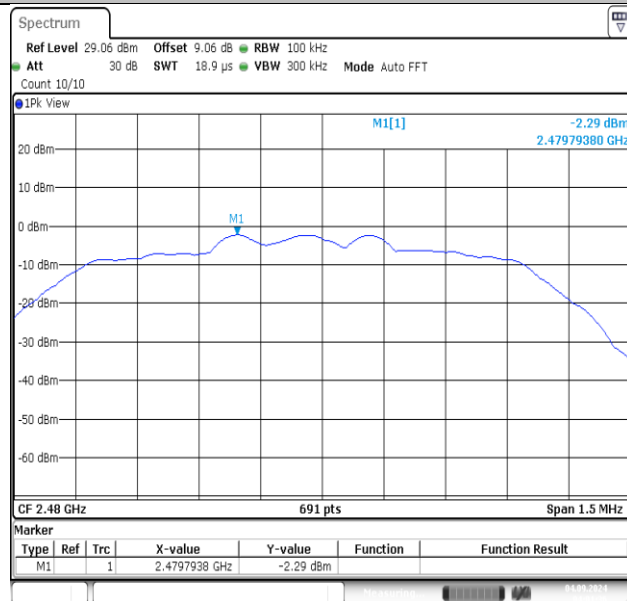
2DH5-Ant1-2441-0~Reference-PASS



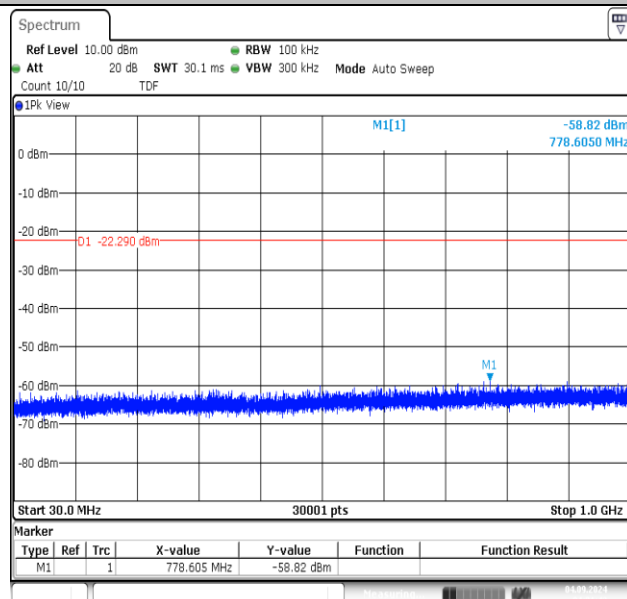
2DH5-Ant1-2441-30~1000-PASS



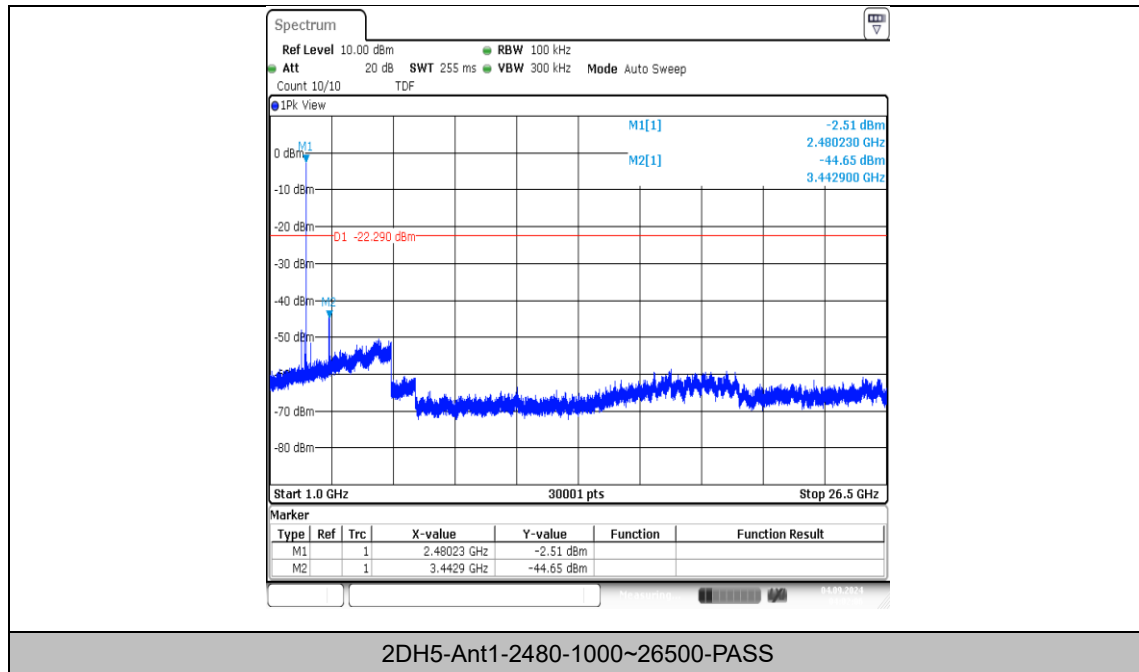
2DH5-Ant1-2441-1000~26500-PASS



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



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

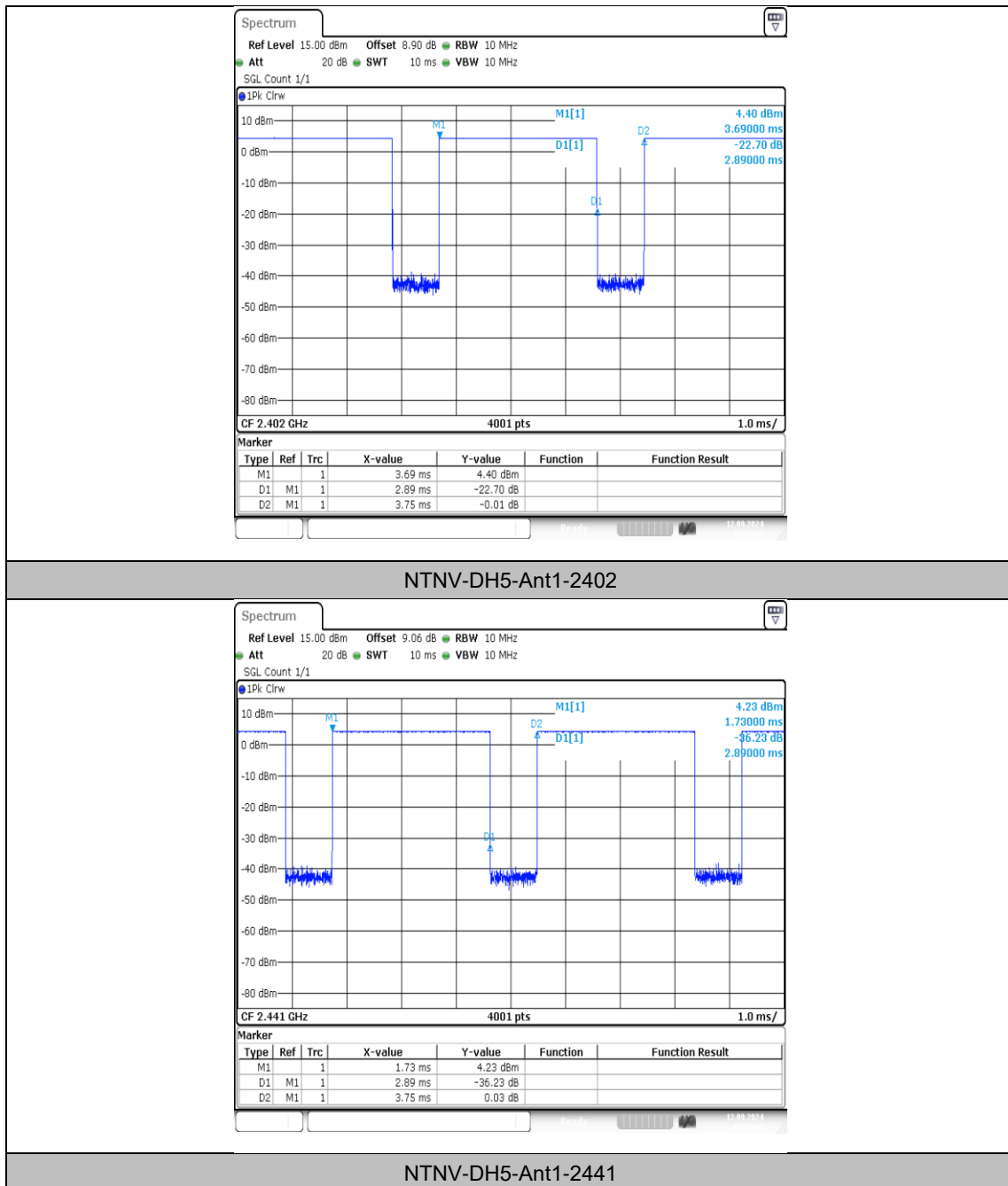


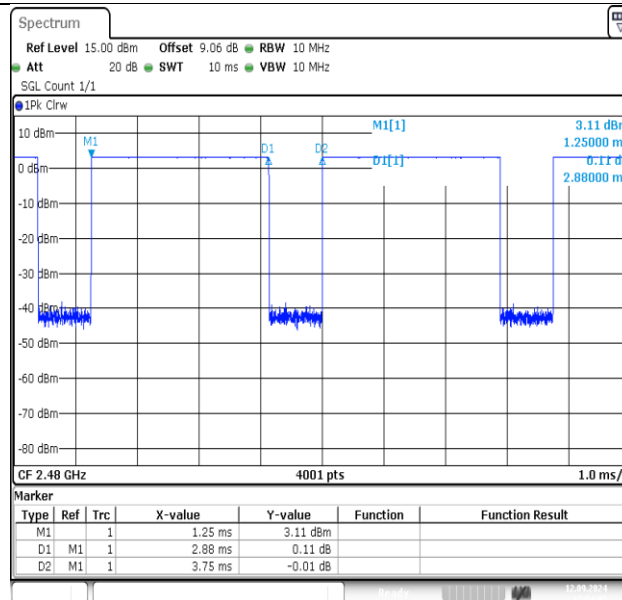
Appendix I: Duty Cycle

Test Result

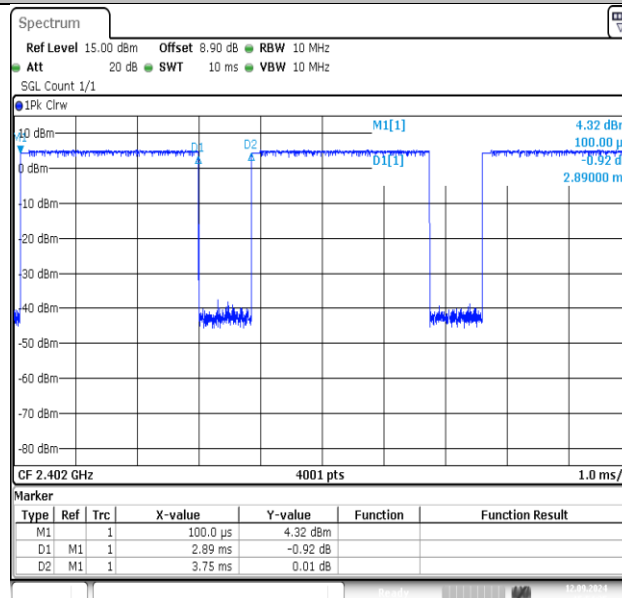
Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor [dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.75	77.07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

Test Graphs

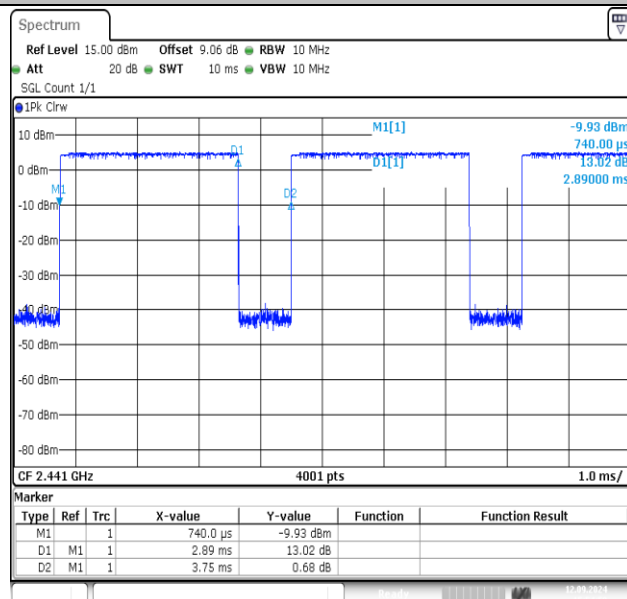




NTNV-DH5-Ant1-2480



NTNV-2DH5-Ant1-2402



NTNV-2DH5-Ant1-2441

