

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

Product Name: True Wireless Stereo Bluetooth Headset

Trade Mark: aigo

Test Model: TK03

FCC ID: 2ASNB-TK03

Environmental Conditions

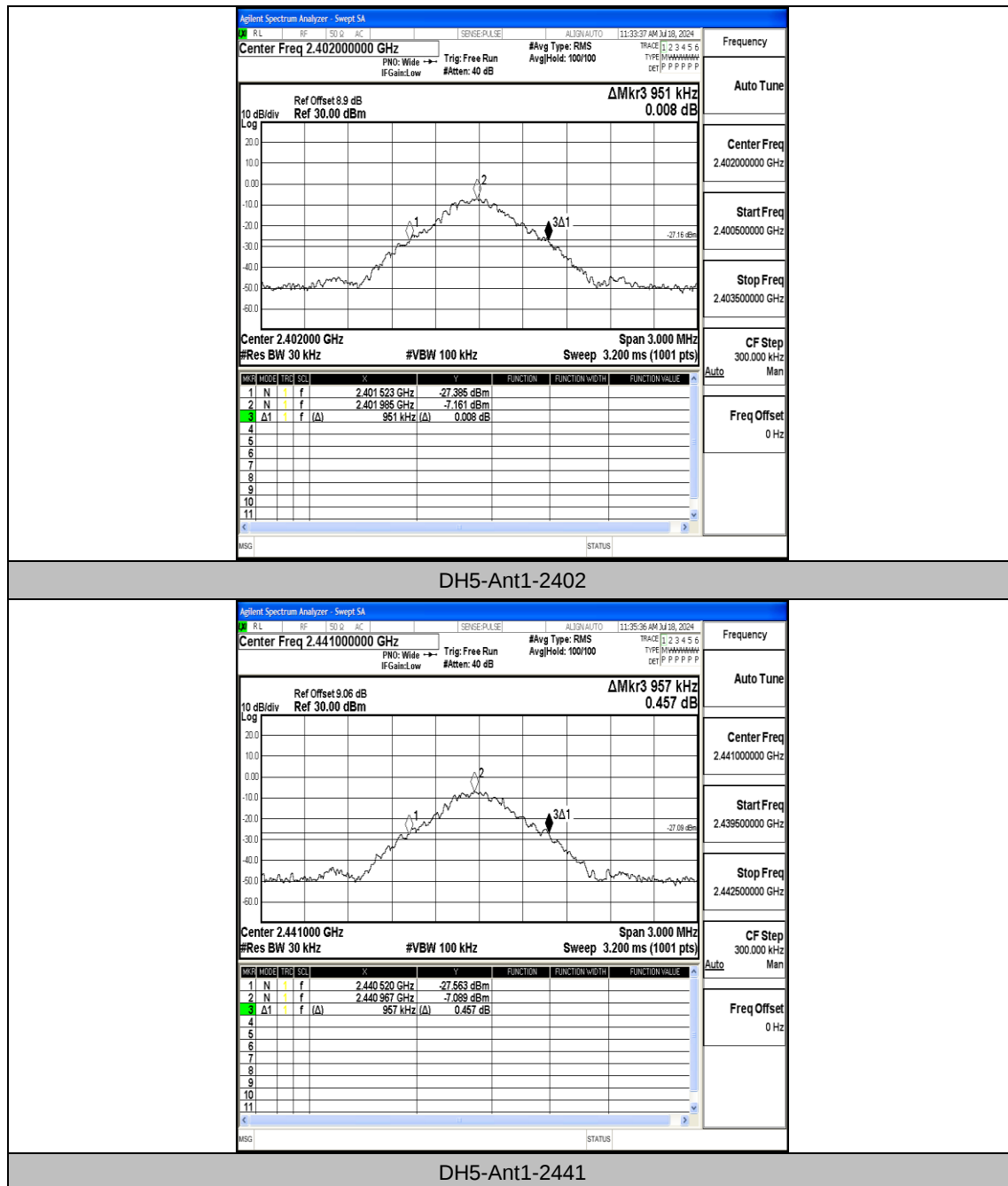
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

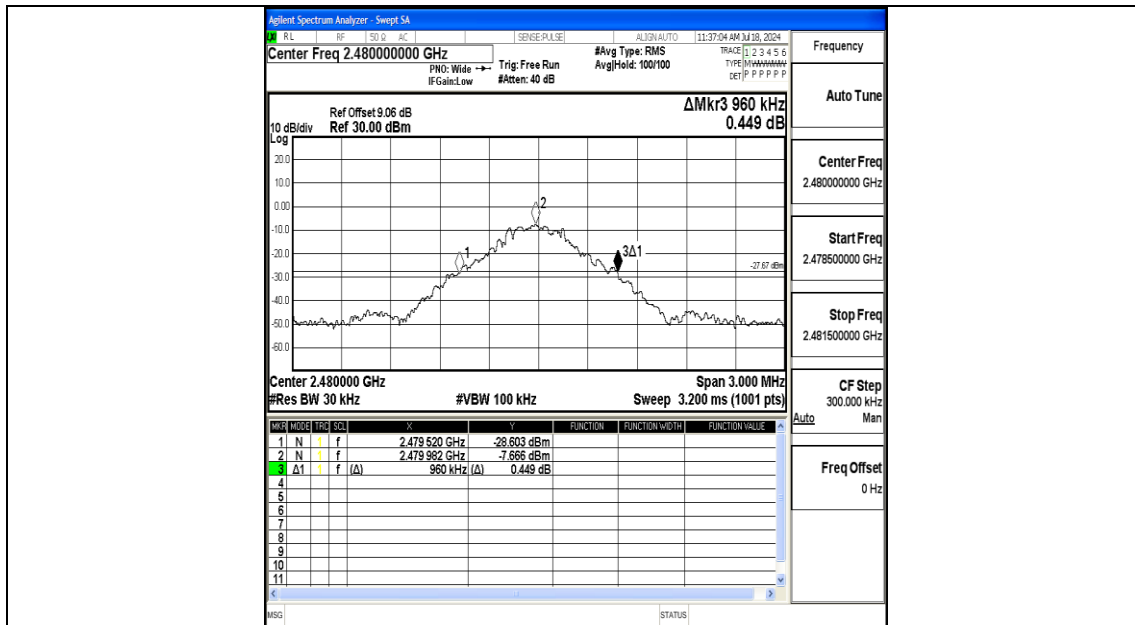
Appendix A: 20dB Emission Bandwidth

Test Result

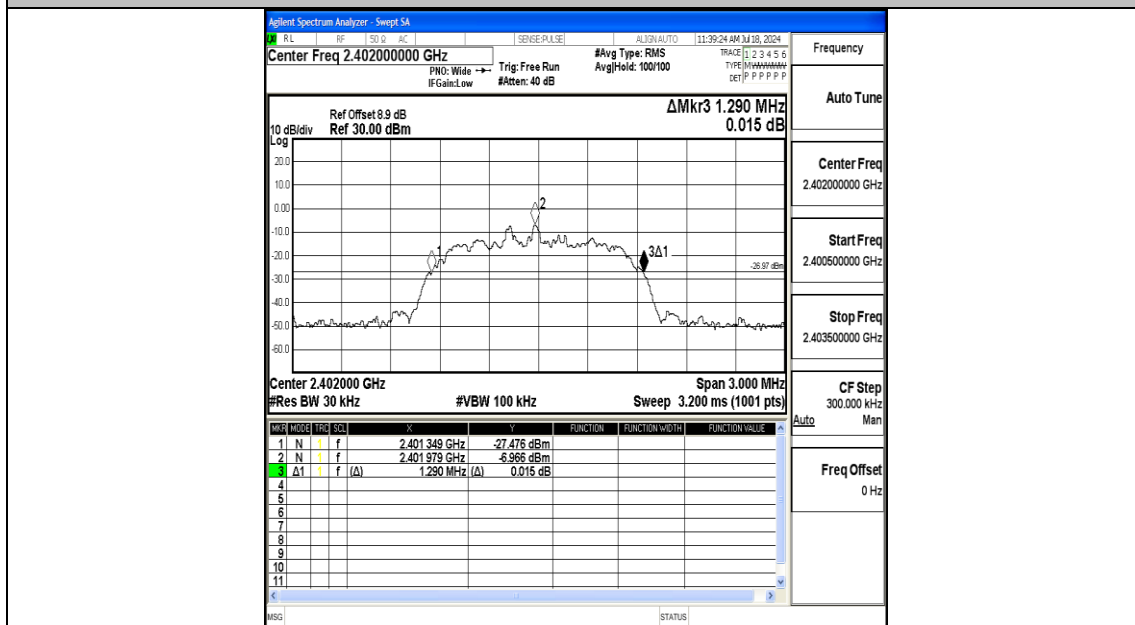
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.951	2401.523	2402.474	---	---
DH5	Ant1	2441	0.957	2440.520	2441.477	---	---
DH5	Ant1	2480	0.960	2479.520	2480.480	---	---
2DH5	Ant1	2402	1.290	2401.349	2402.639	---	---
2DH5	Ant1	2441	1.344	2440.307	2441.651	---	---
2DH5	Ant1	2480	1.320	2479.319	2480.639	---	---

Test Graphs

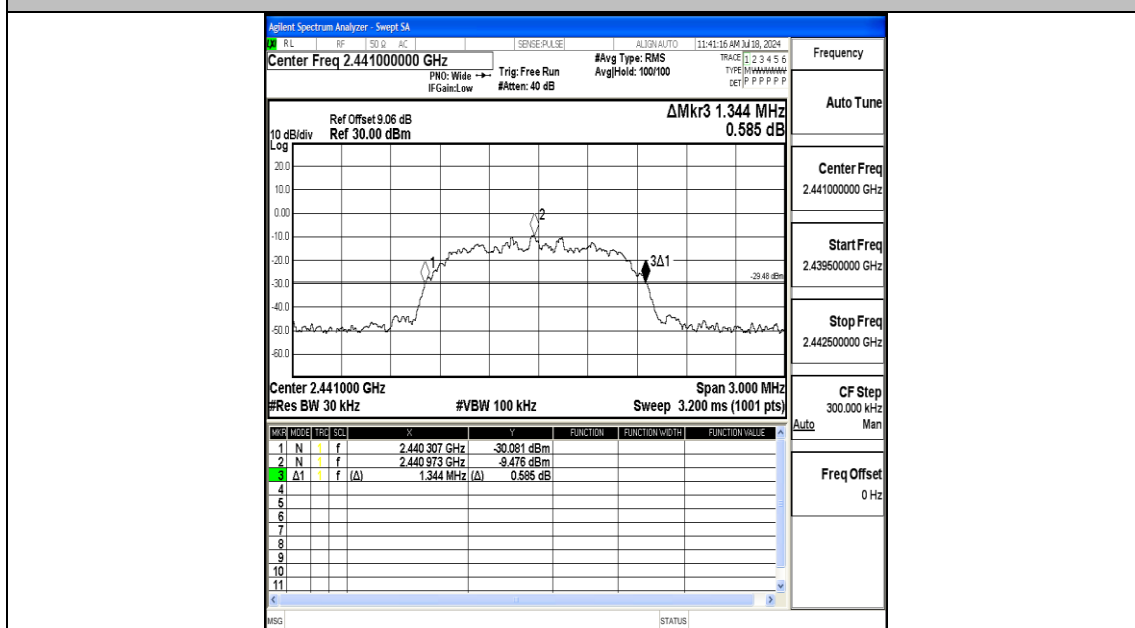




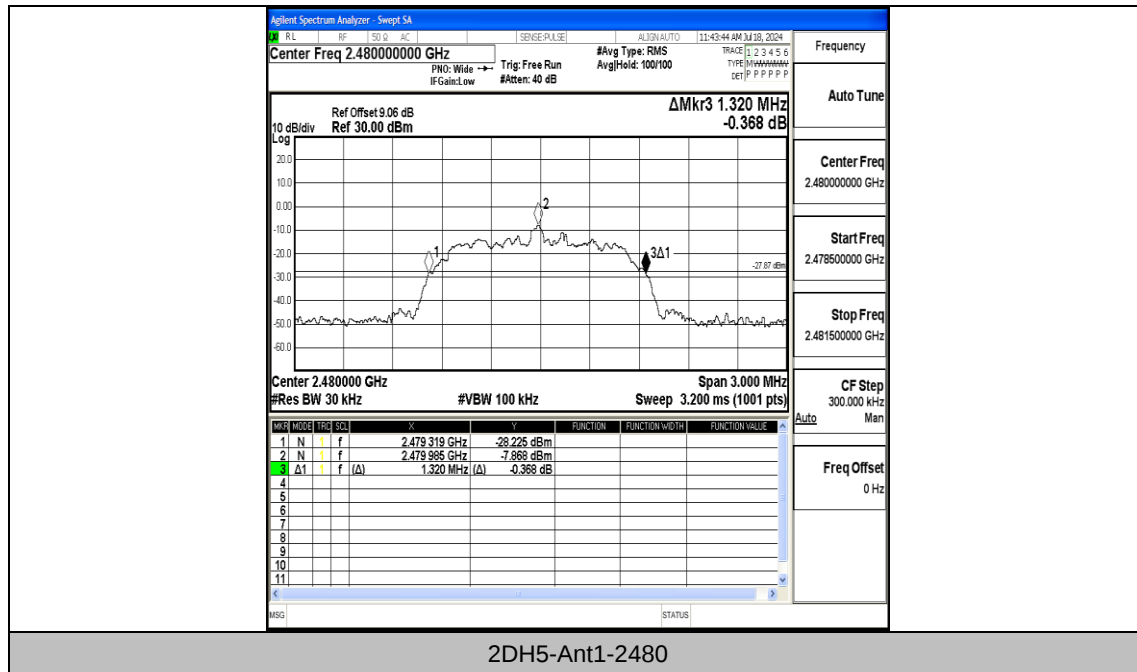
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441

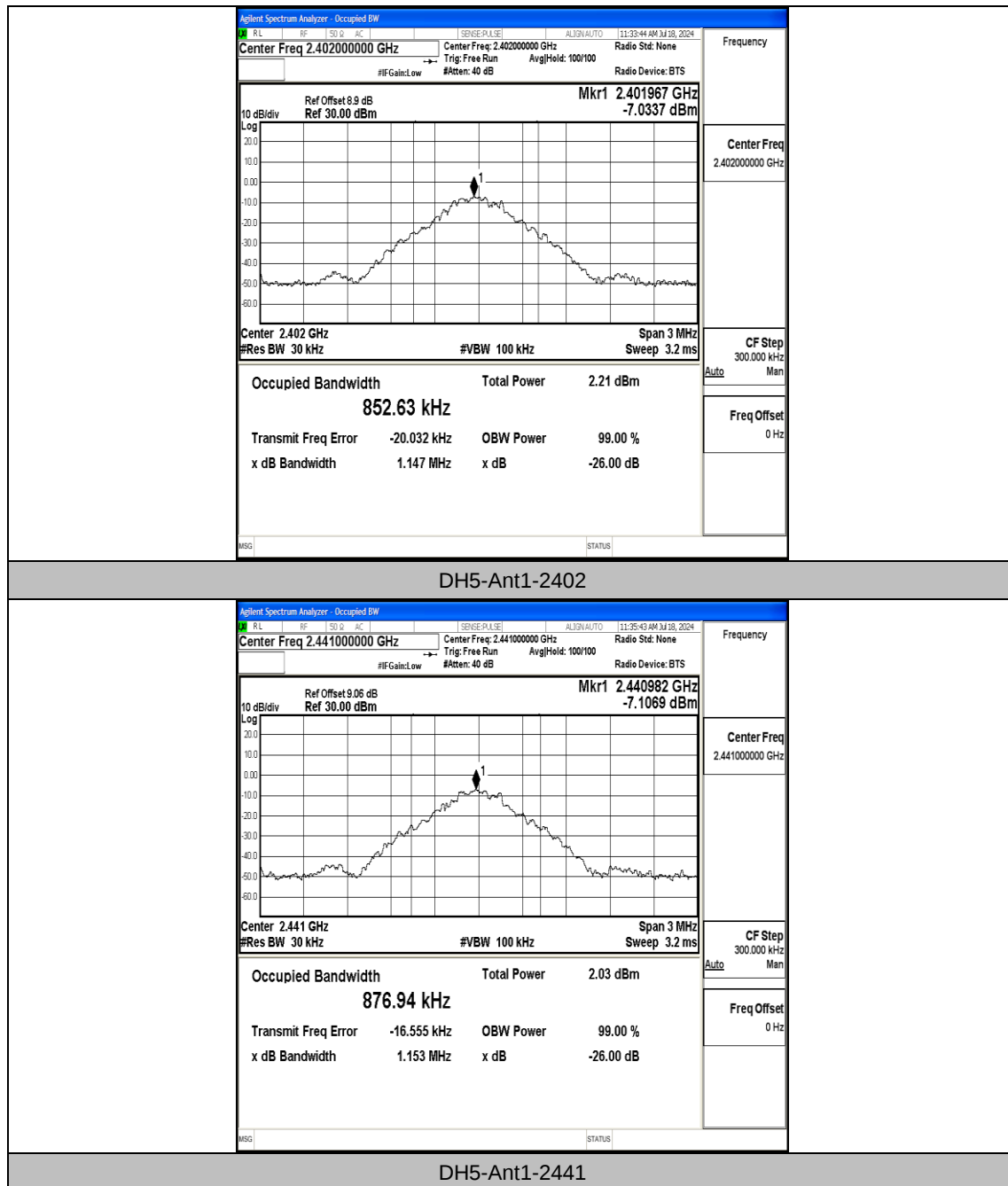


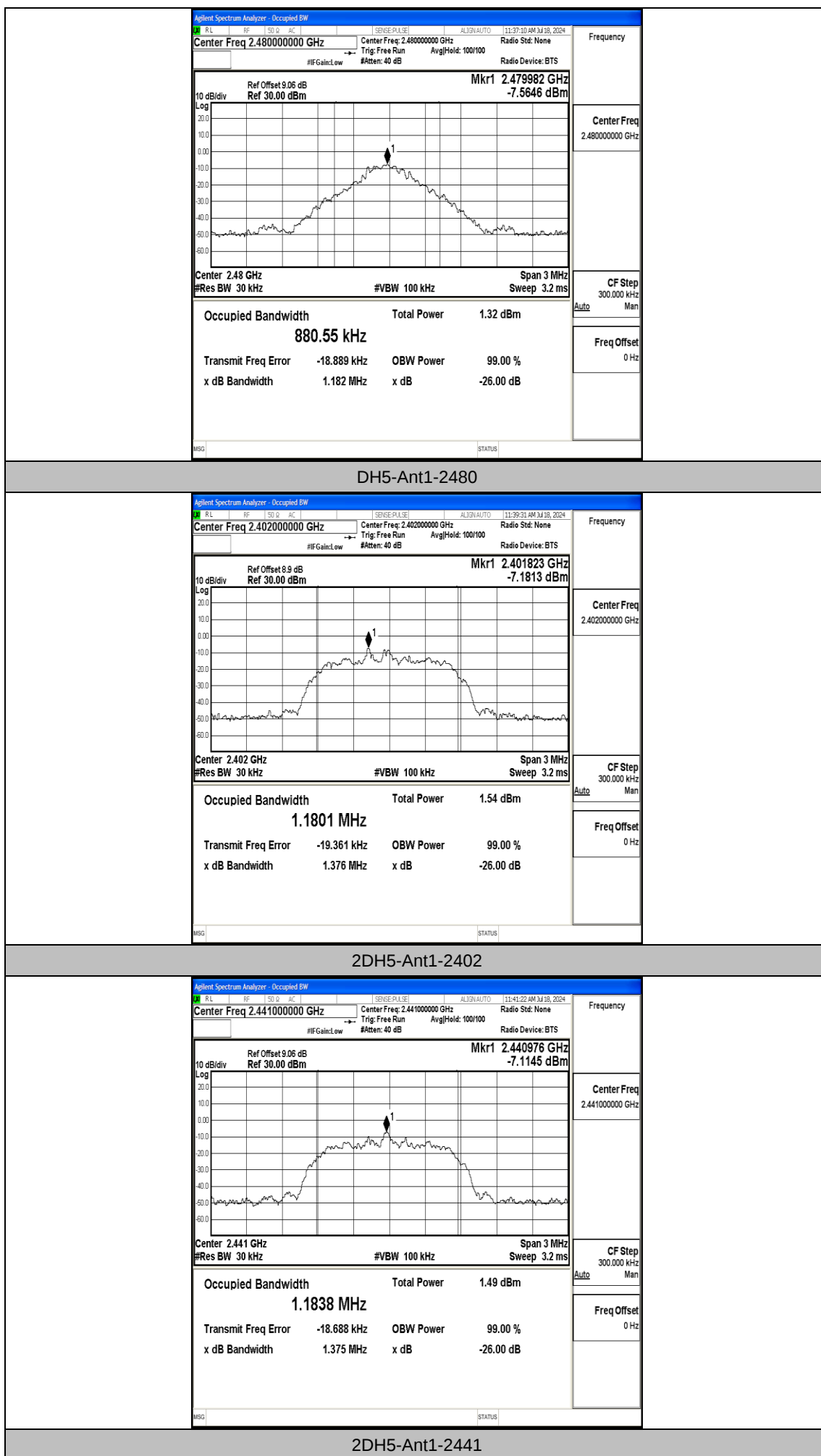
Appendix B: Occupied Channel Bandwidth

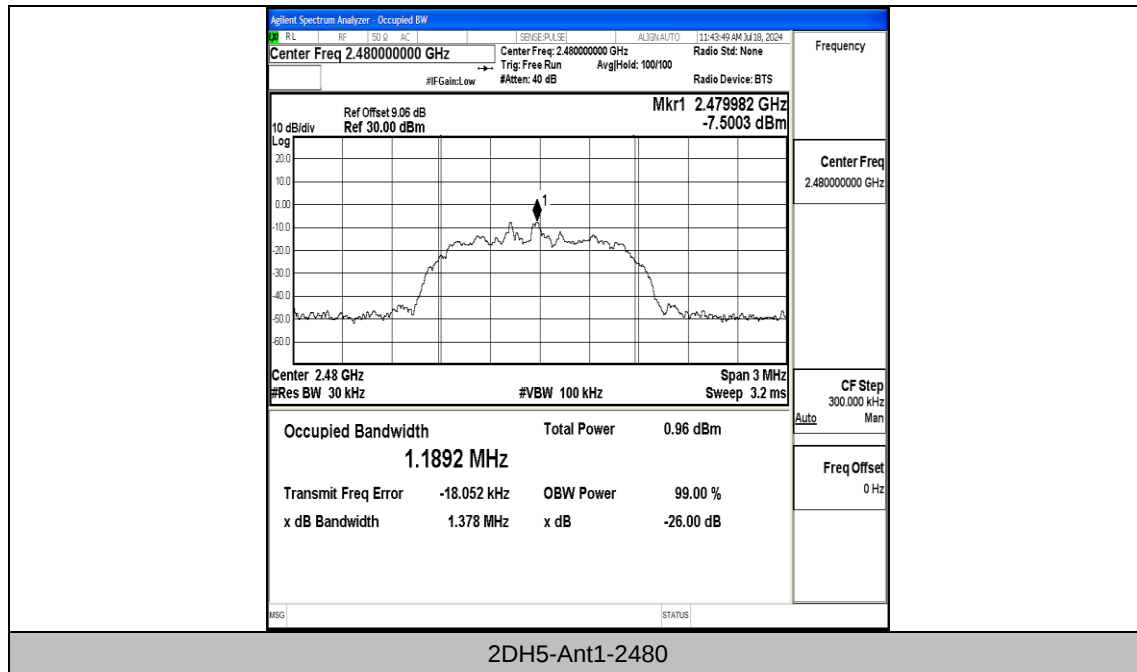
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85263	2401.5537	2402.4063	---	---
DH5	Ant1	2441	0.87694	2440.5450	2441.4219	---	---
DH5	Ant1	2480	0.88055	2479.5408	2480.4214	---	---
2DH5	Ant1	2402	1.1801	2401.3906	2402.5707	---	---
2DH5	Ant1	2441	1.1838	2440.3894	2441.5732	---	---
2DH5	Ant1	2480	1.1892	2479.3874	2480.5766	---	---

Test Graphs





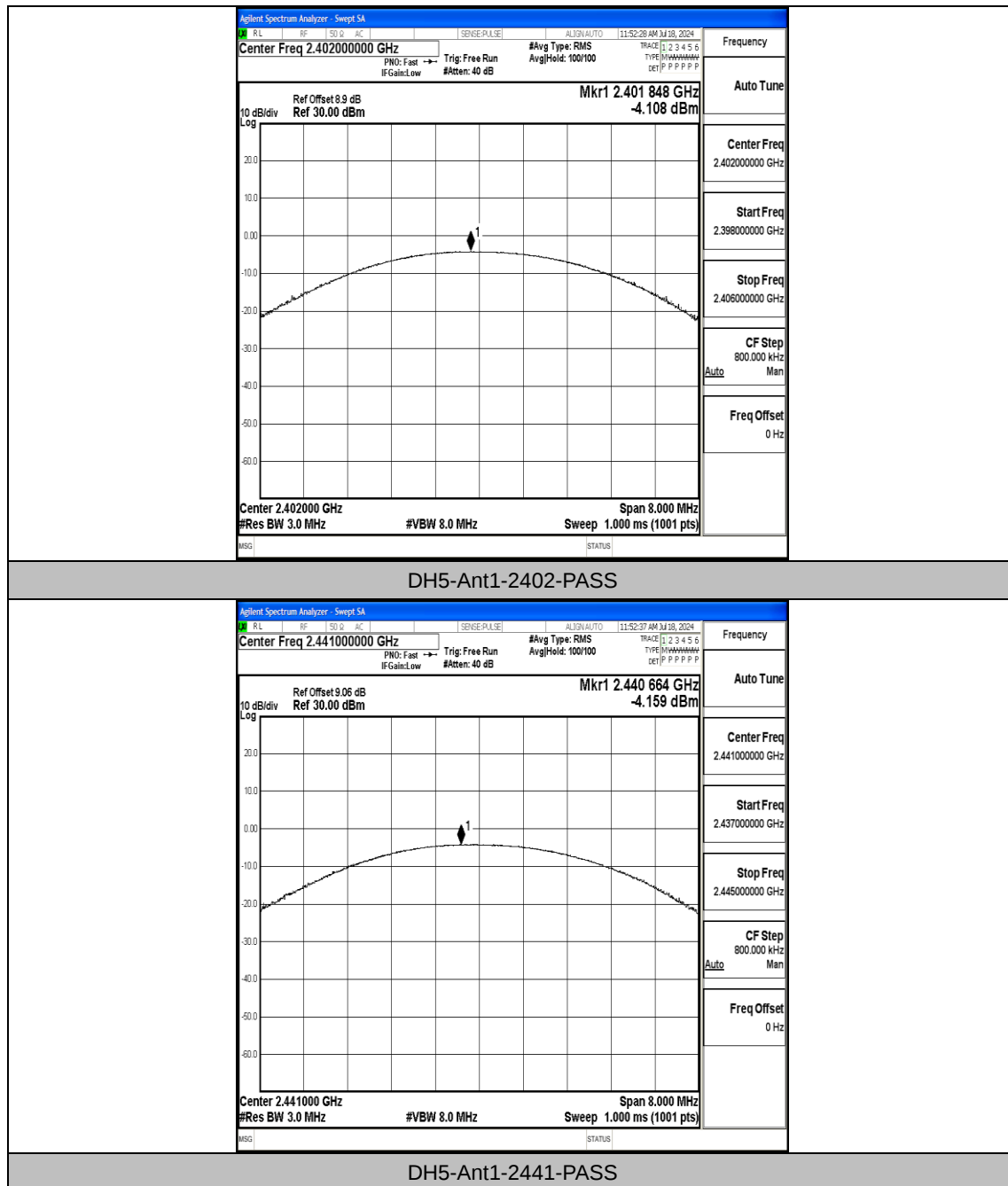


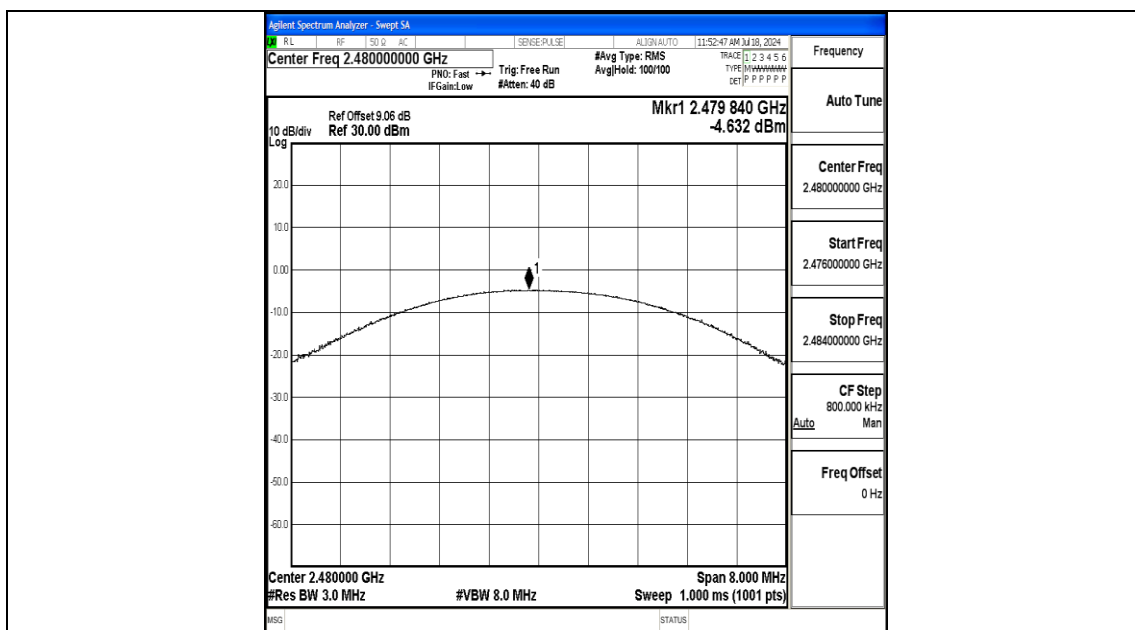
Appendix C: Maximum peak conducted output power

Test Result

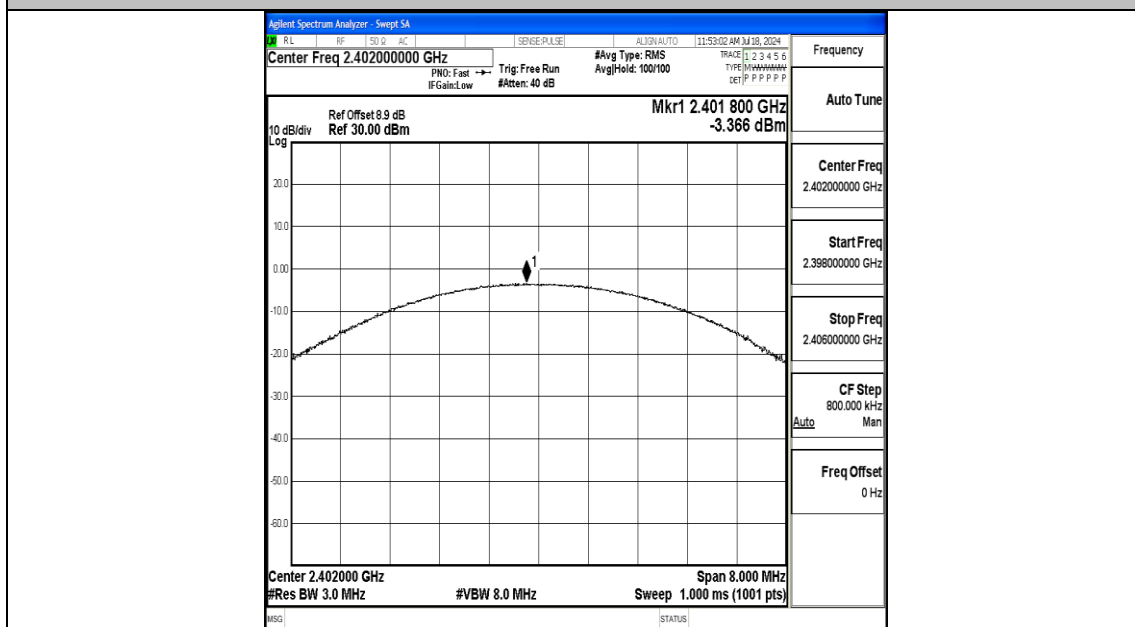
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-4.11	≤30	PASS
DH5	Ant1	2441	-4.16	≤30	PASS
DH5	Ant1	2480	-4.63	≤30	PASS
2DH5	Ant1	2402	-3.37	≤20.97	PASS
2DH5	Ant1	2441	-3.39	≤20.97	PASS
2DH5	Ant1	2480	-3.98	≤20.97	PASS

Test Graphs

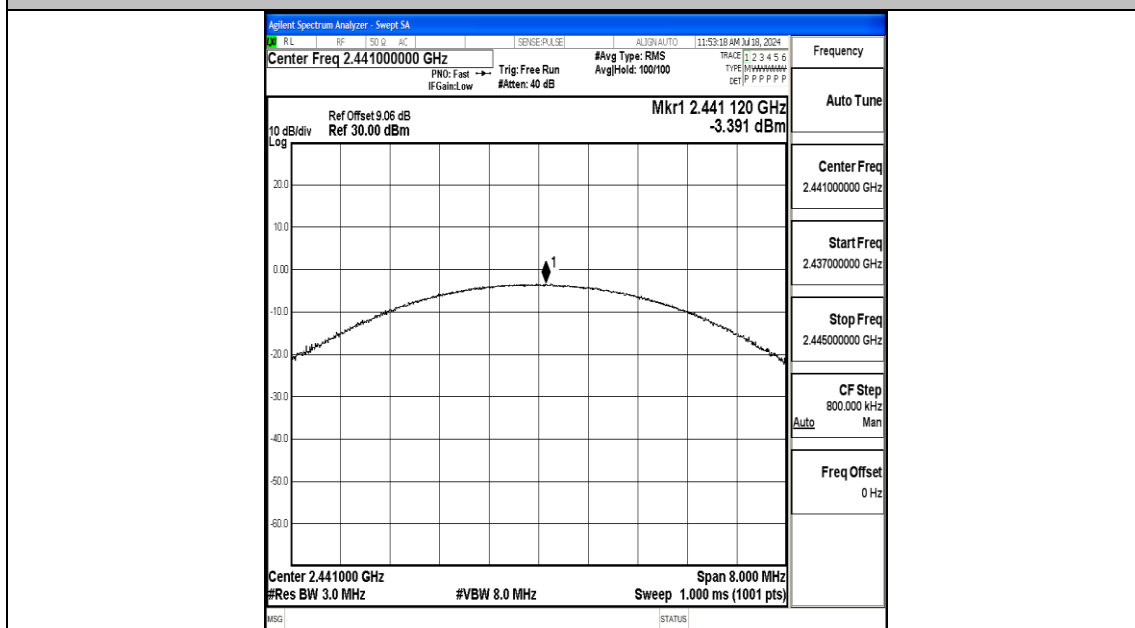




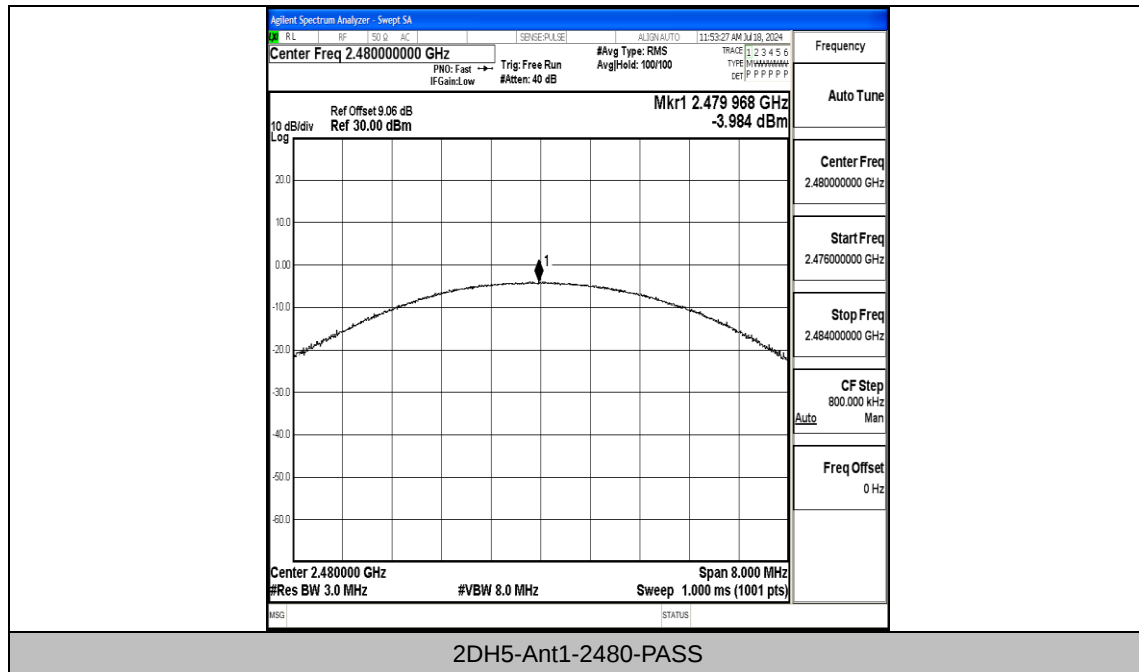
DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS

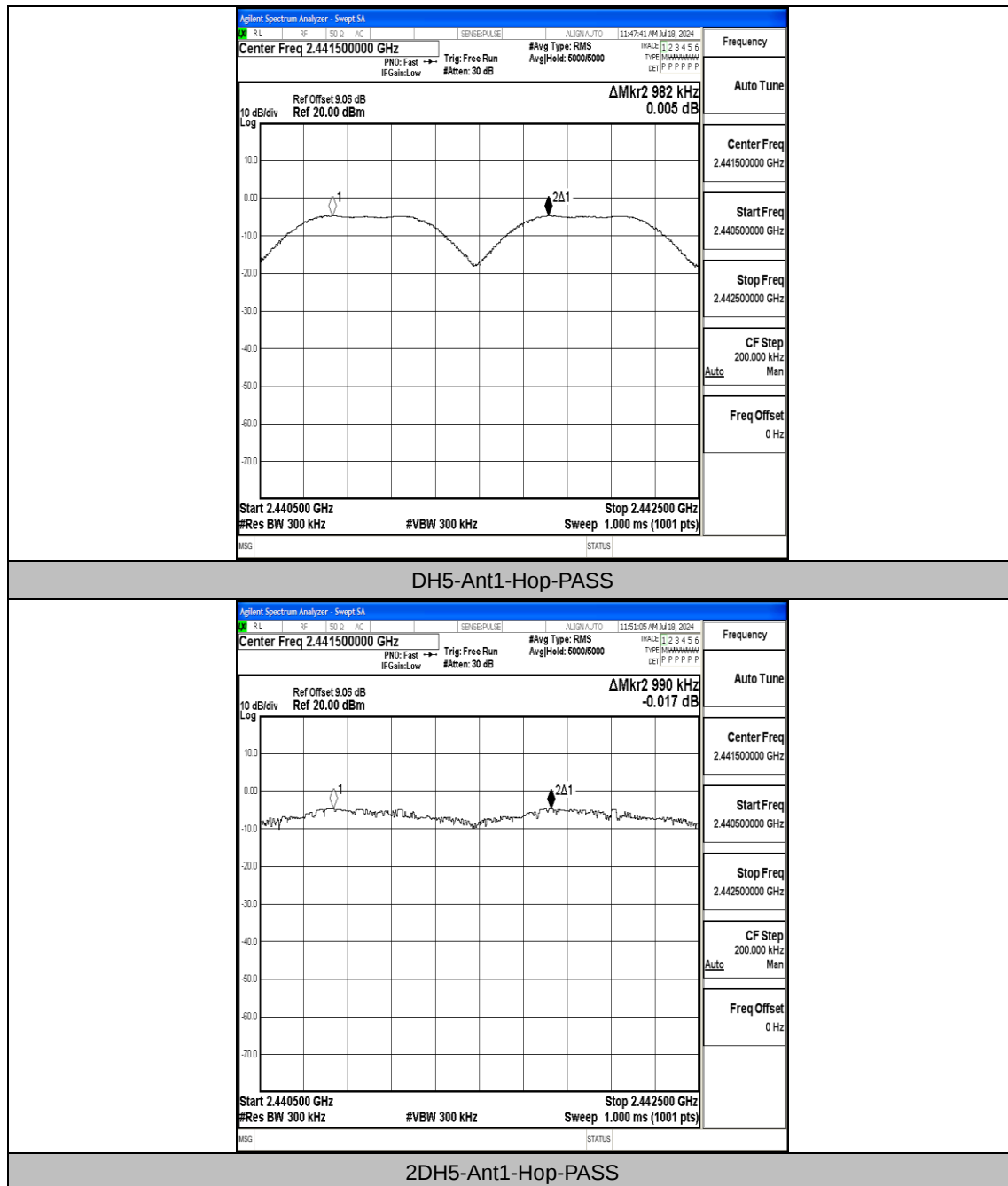


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.982	≥ 0.960	PASS
2DH5	Ant1	Hop	0.99	≥ 0.896	PASS

Test Graphs

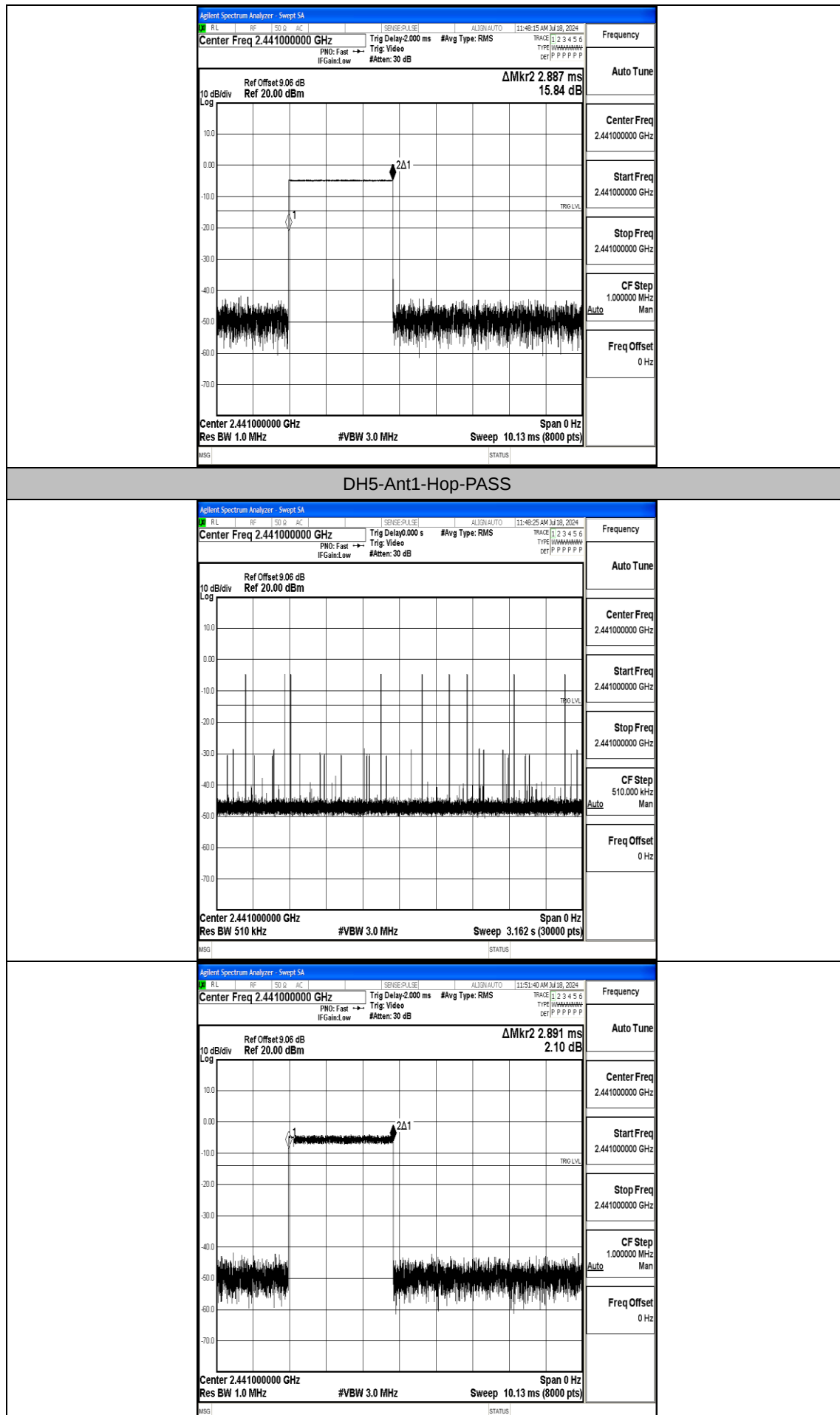


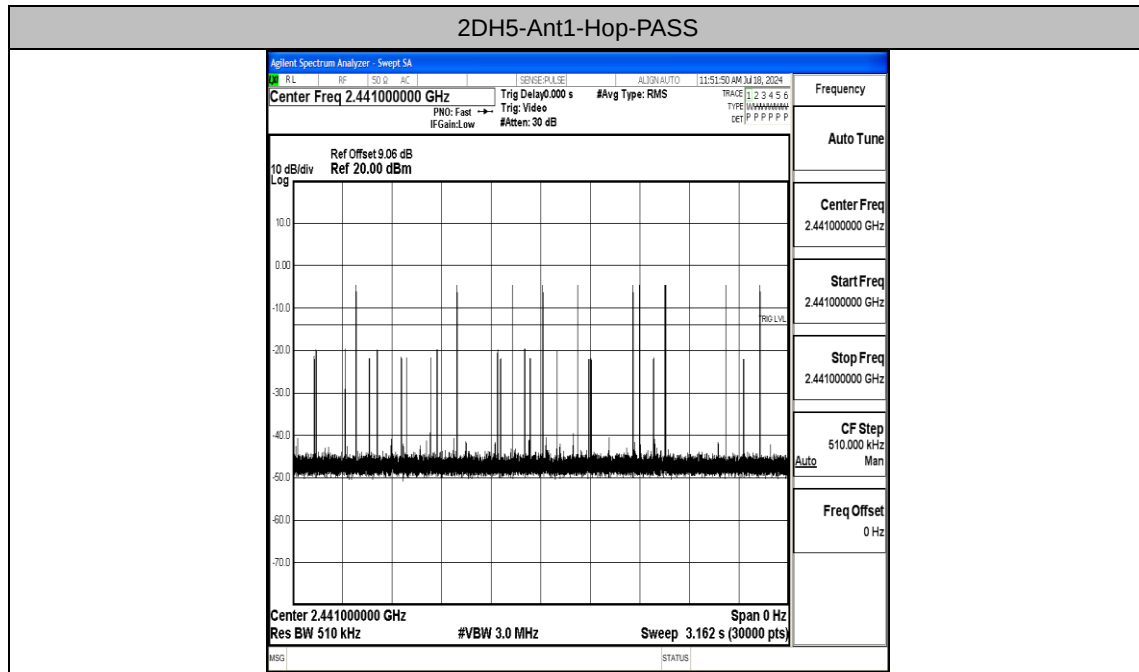
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.887	100	0.289	≤0.4	PASS
2DH5	Ant1	Hop	2.891	120	0.347	≤0.4	PASS

Test Graphs



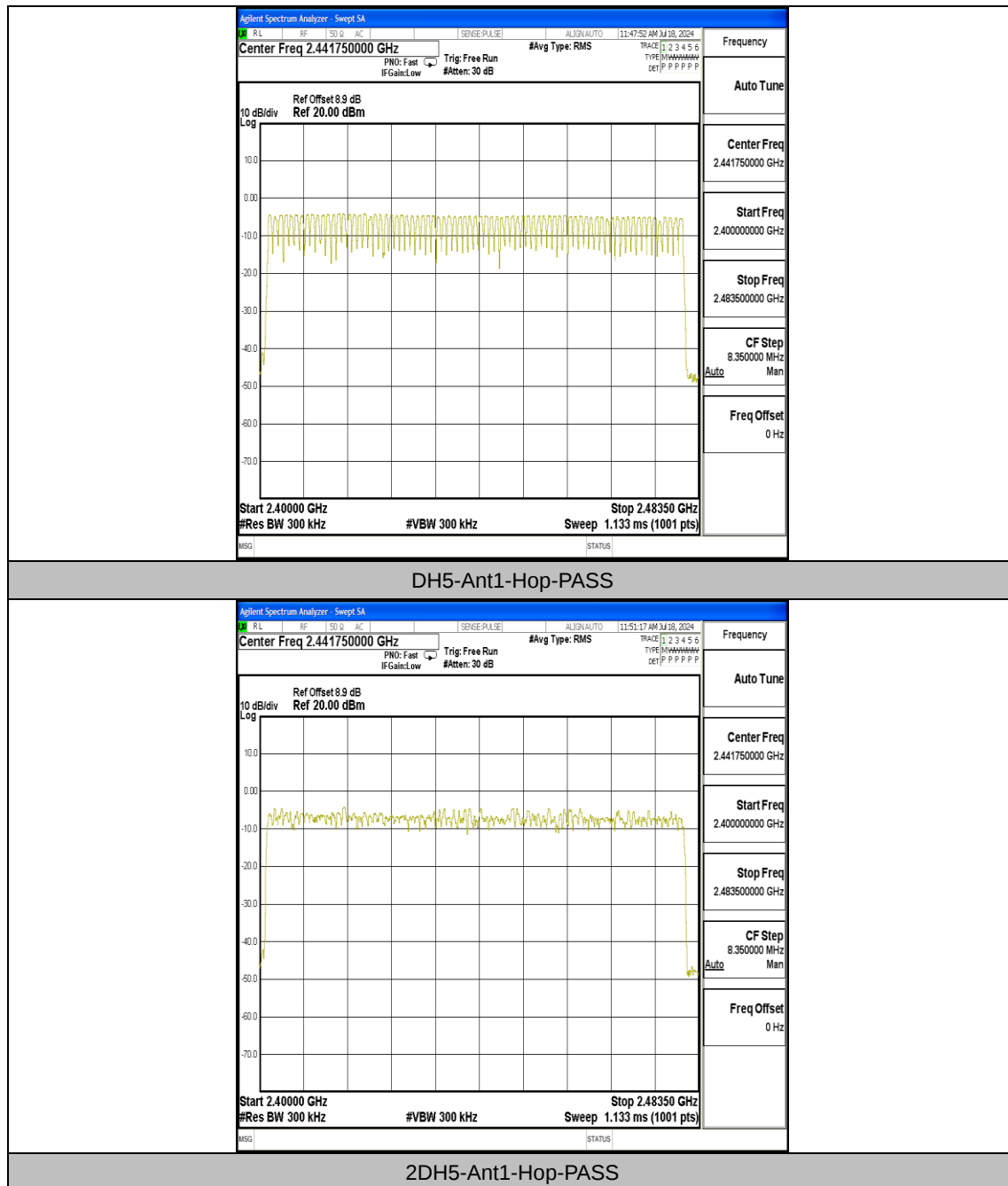


Appendix F: Number of hopping channels

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

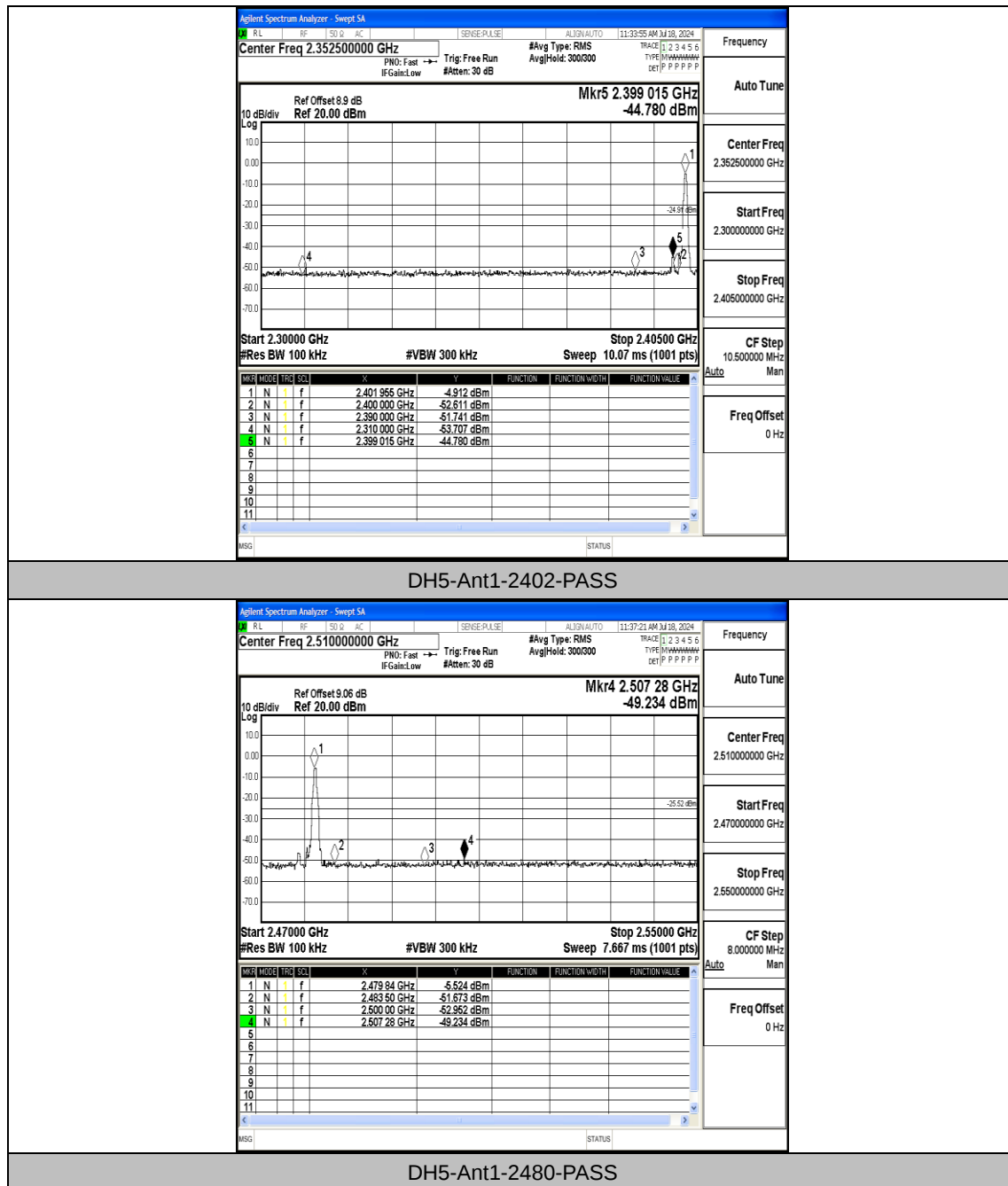


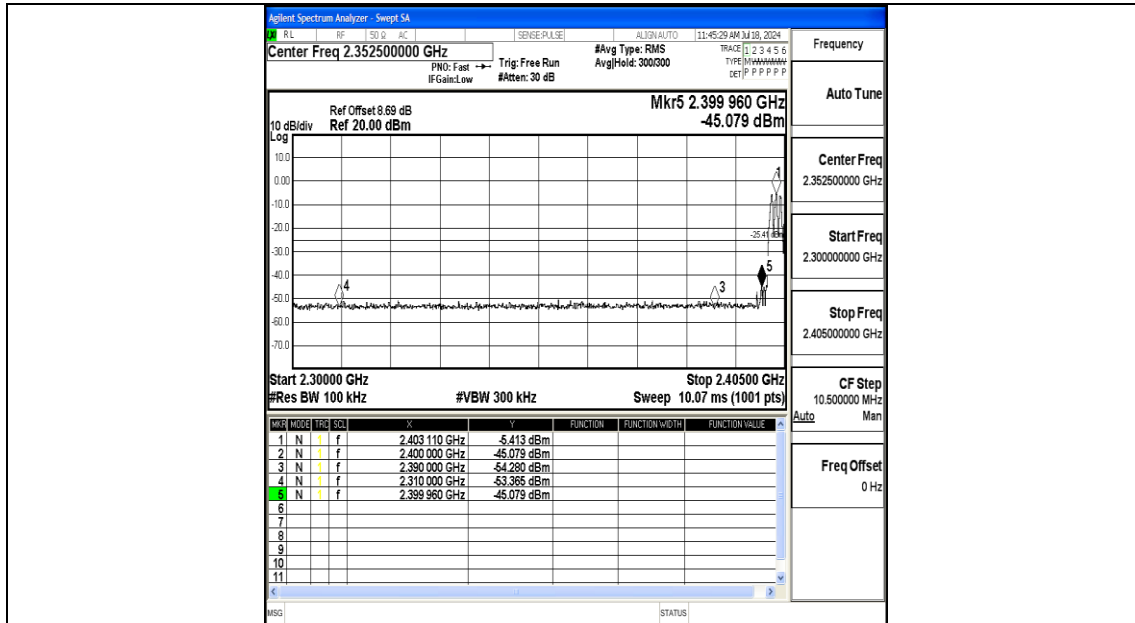
Appendix G: Band edge measurements

Test Result

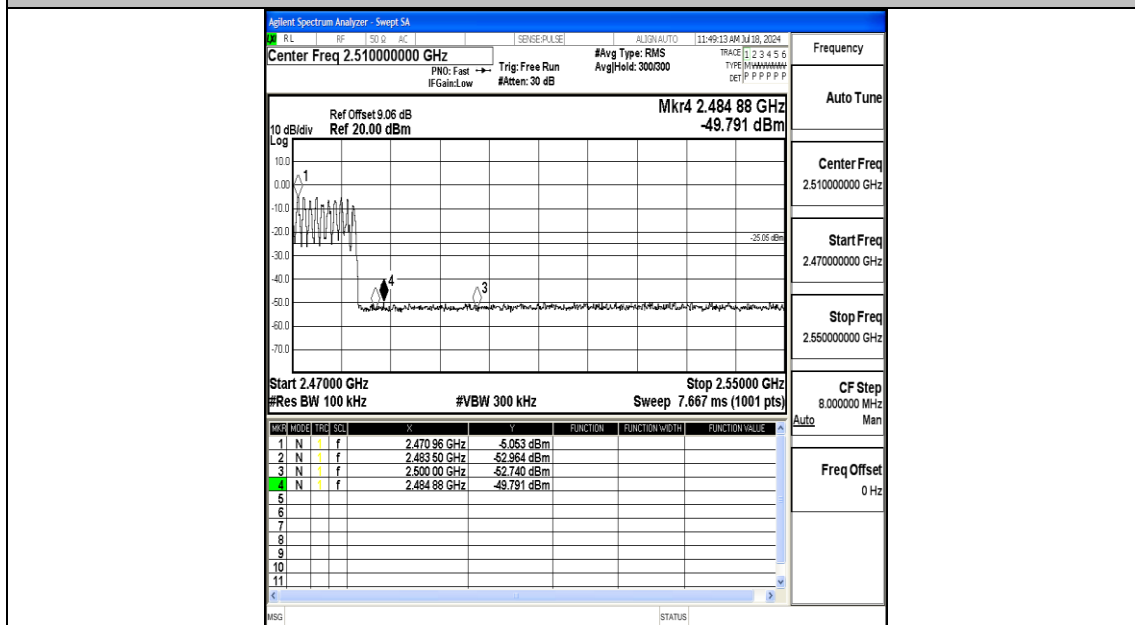
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.91	-44.78	≤-24.91	PASS
DH5	Ant1	High	2480	-5.52	-49.23	≤-25.52	PASS
DH5	Ant1	Low	Hop_2402	-5.41	-45.08	≤-25.41	PASS
DH5	Ant1	High	Hop_2480	-5.05	-49.79	≤-25.05	PASS
2DH5	Ant1	Low	2402	-4.87	-46.27	≤-24.87	PASS
2DH5	Ant1	High	2480	-5.25	-48.57	≤-25.25	PASS
2DH5	Ant1	Low	Hop_2402	-8.43	-48.57	≤-28.43	PASS
2DH5	Ant1	High	Hop_2480	-8.06	-49.76	≤-28.06	PASS

Test Graphs

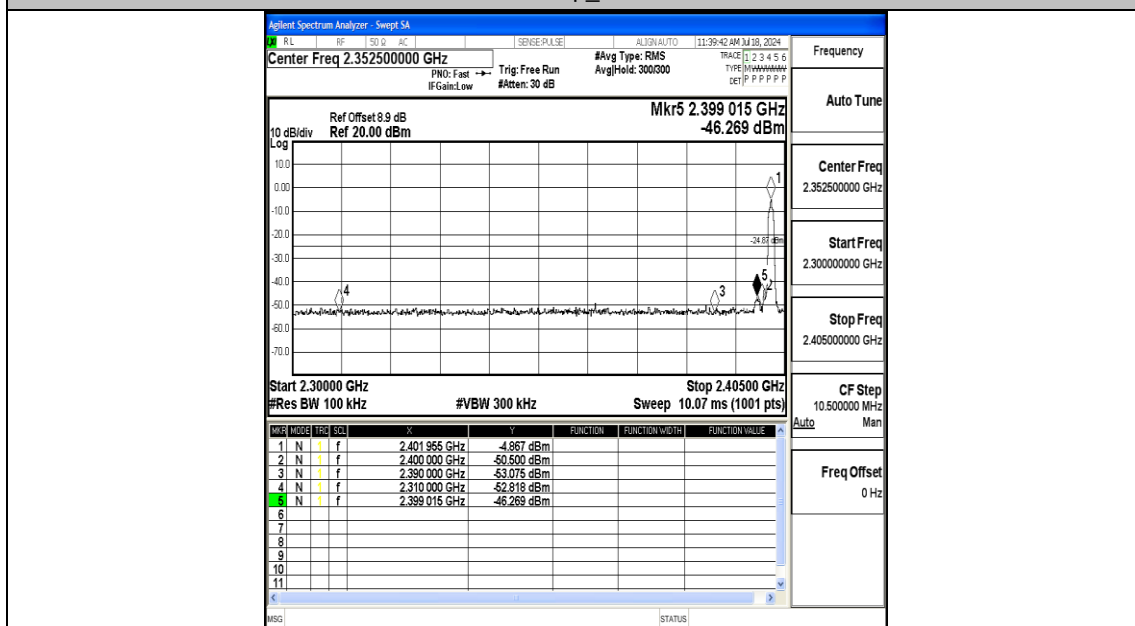




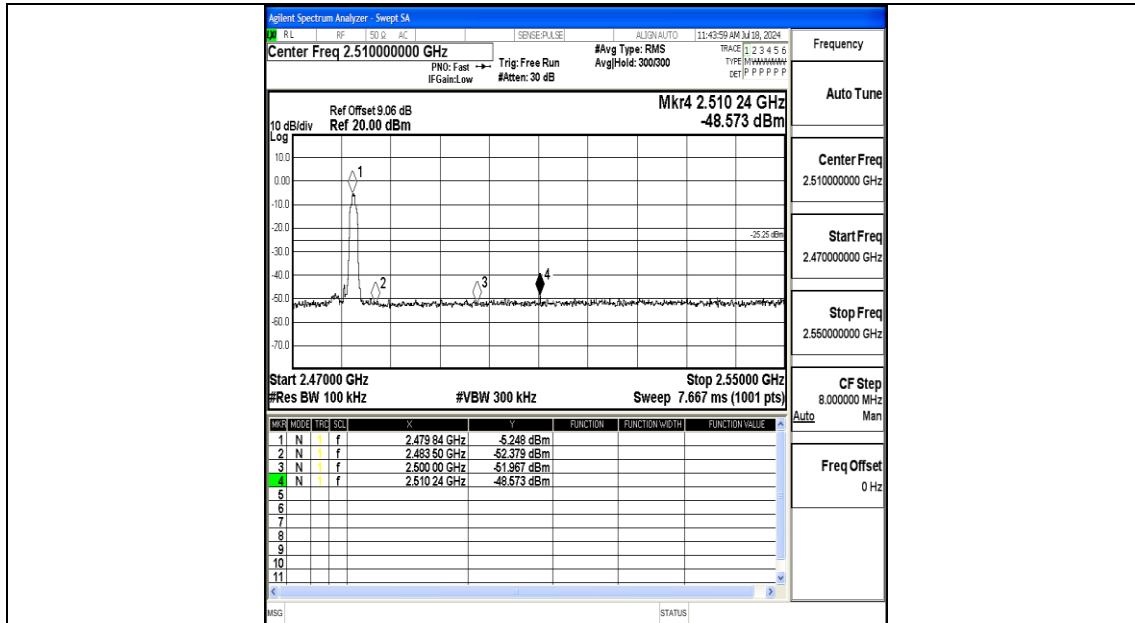
DH5-Ant1-Hop_2402-PASS



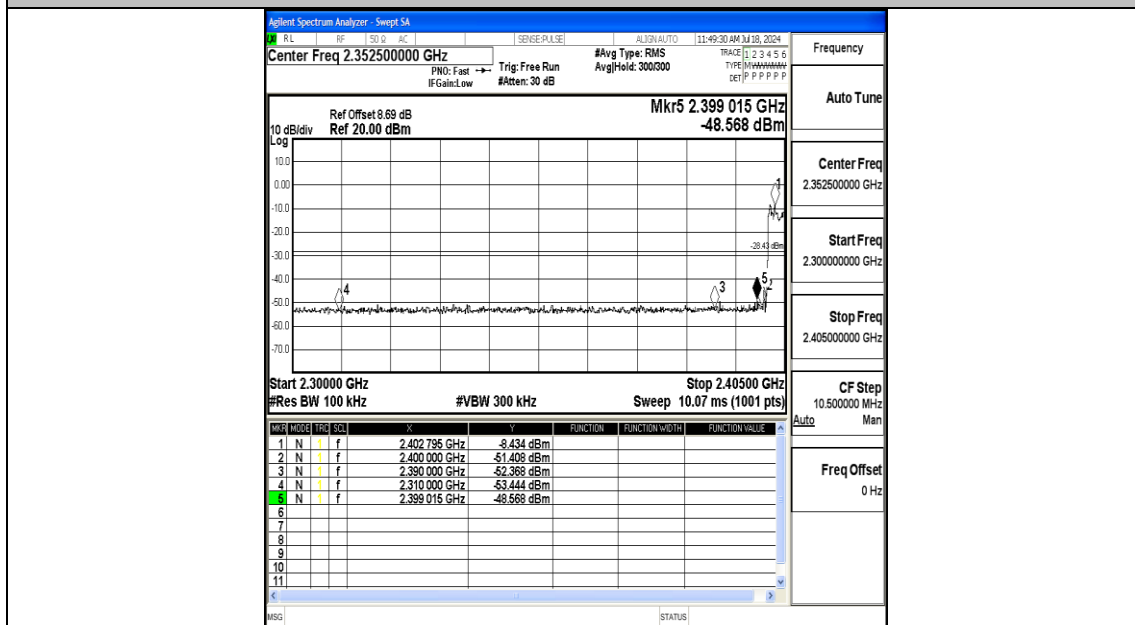
DH5-Ant1-Hop_2480-PASS



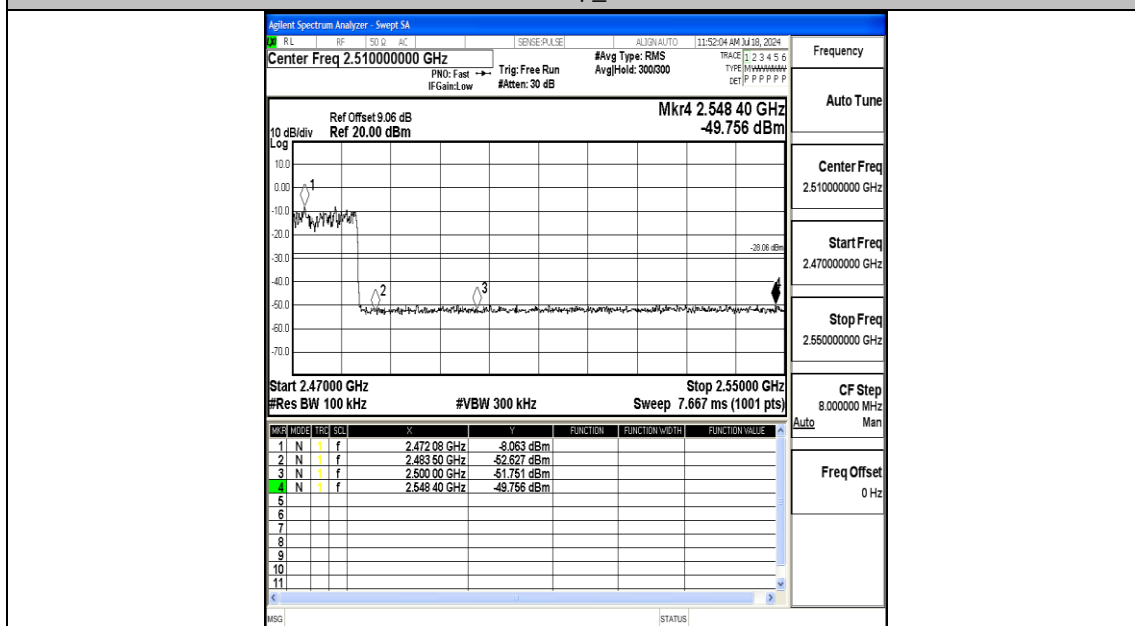
2DH5-Ant1-2402-PASS



2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS



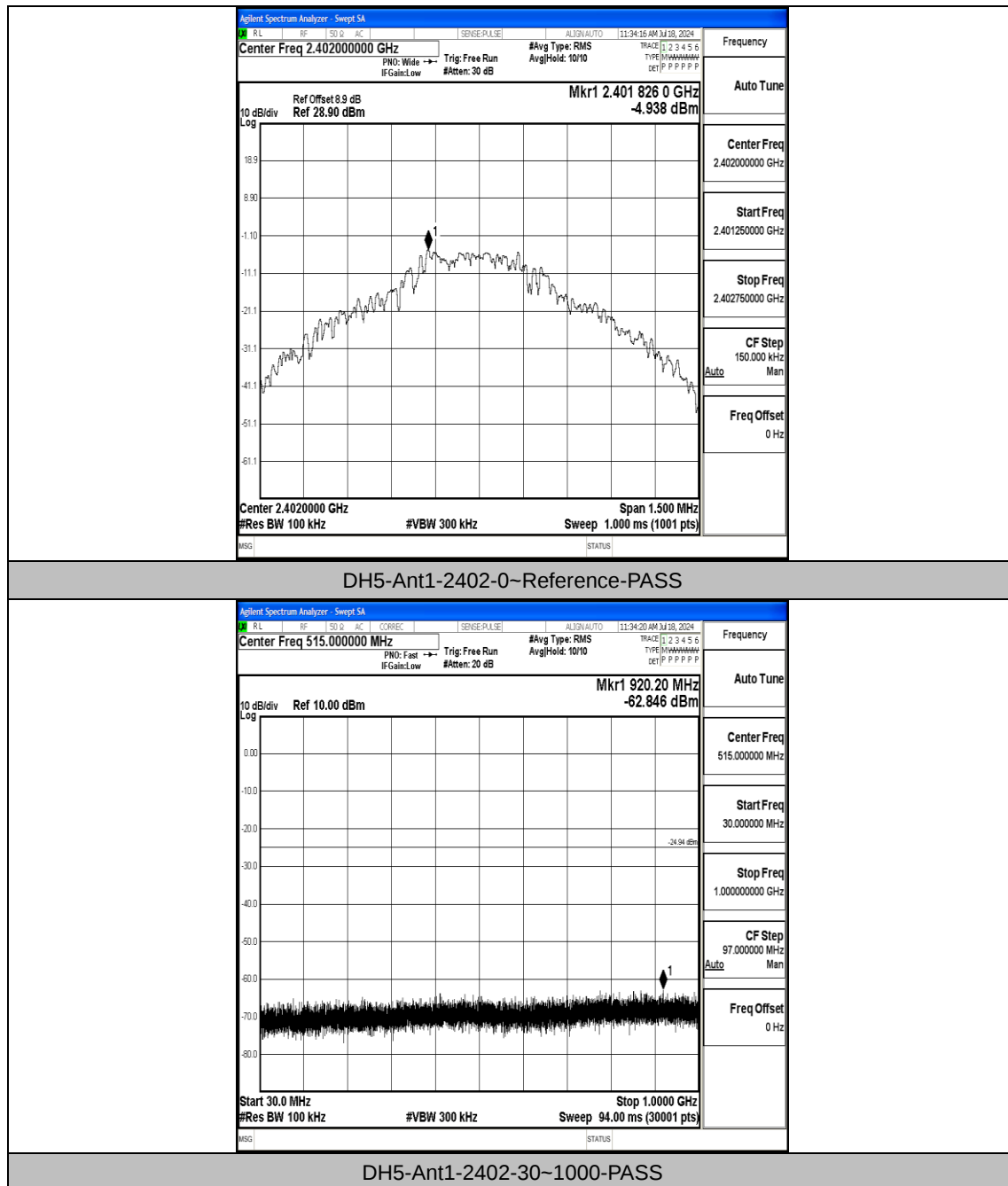
2DH5-Ant1-Hop_2480-PASS

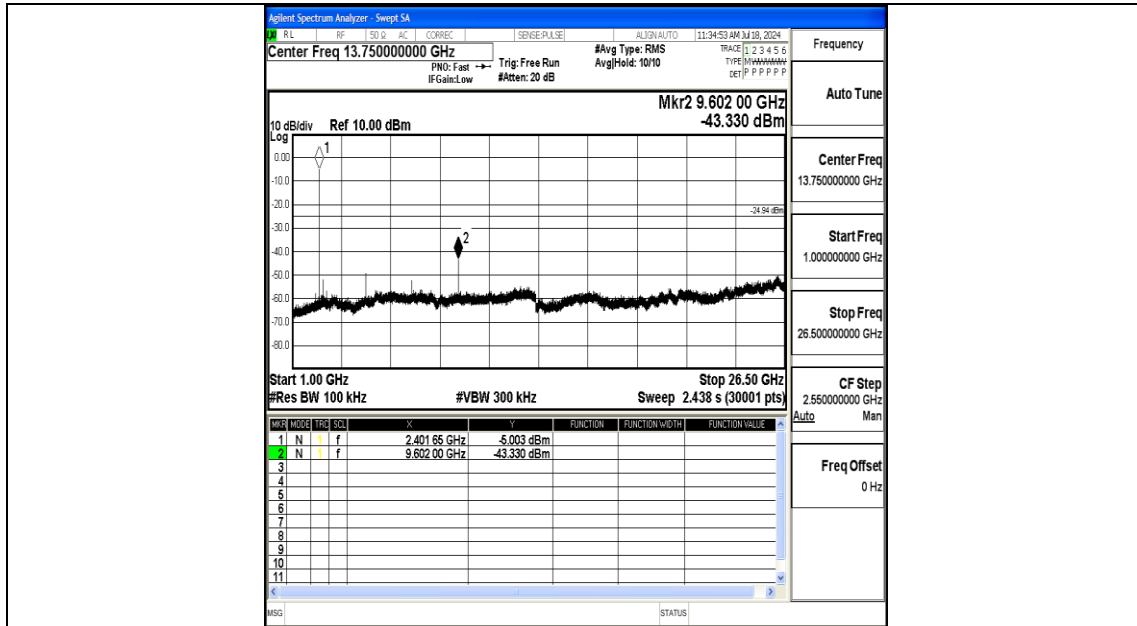
Appendix H: Conducted Spurious Emission

Test Result

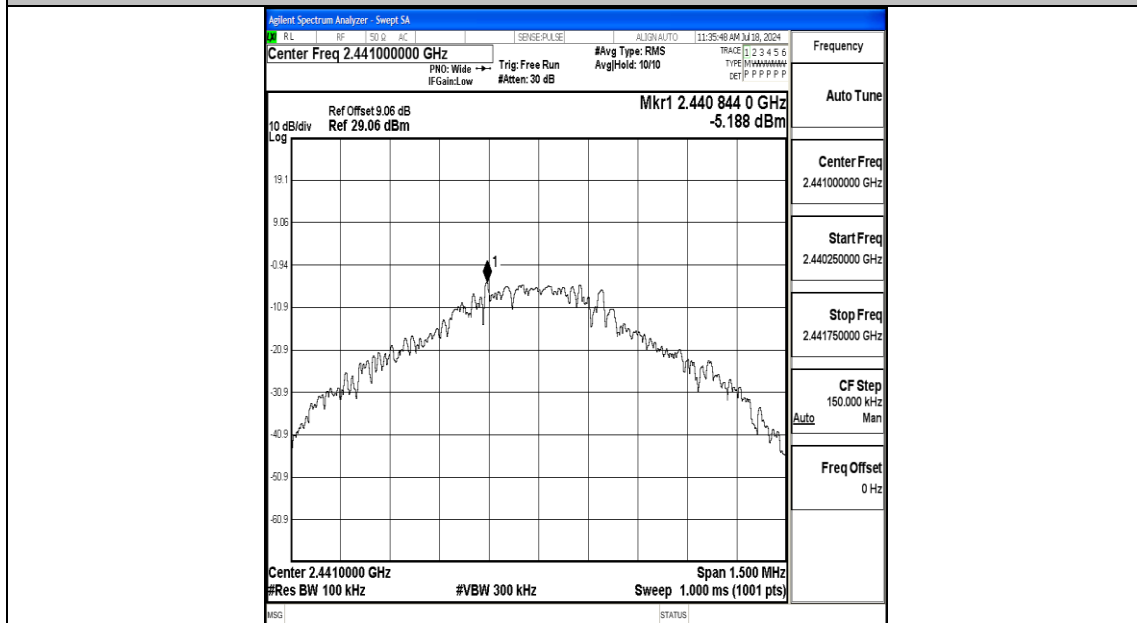
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-4.94	-4.94	---	PASS
DH5	Ant1	2402	30~1000	-4.94	-62.85	≤-24.94	PASS
DH5	Ant1	2402	1000~26500	-4.94	-43.33	≤-24.94	PASS
DH5	Ant1	2441	0~Reference	-5.19	-5.19	---	PASS
DH5	Ant1	2441	30~1000	-5.19	-61.95	≤-25.19	PASS
DH5	Ant1	2441	1000~26500	-5.19	-41.47	≤-25.19	PASS
DH5	Ant1	2480	0~Reference	-6.15	-6.15	---	PASS
DH5	Ant1	2480	30~1000	-6.15	-62.78	≤-26.15	PASS
DH5	Ant1	2480	1000~26500	-6.15	-42.93	≤-26.15	PASS
2DH5	Ant1	2402	0~Reference	-4.90	-4.90	---	PASS
2DH5	Ant1	2402	30~1000	-4.90	-62.7	≤-24.9	PASS
2DH5	Ant1	2402	1000~26500	-4.90	-43.02	≤-24.9	PASS
2DH5	Ant1	2441	0~Reference	-6.03	-6.03	---	PASS
2DH5	Ant1	2441	30~1000	-6.03	-62.96	≤-26.03	PASS
2DH5	Ant1	2441	1000~26500	-6.03	-41.98	≤-26.03	PASS
2DH5	Ant1	2480	0~Reference	-5.48	-5.48	---	PASS
2DH5	Ant1	2480	30~1000	-5.48	-62.48	≤-25.48	PASS
2DH5	Ant1	2480	1000~26500	-5.48	-43.39	≤-25.48	PASS

Test Graphs

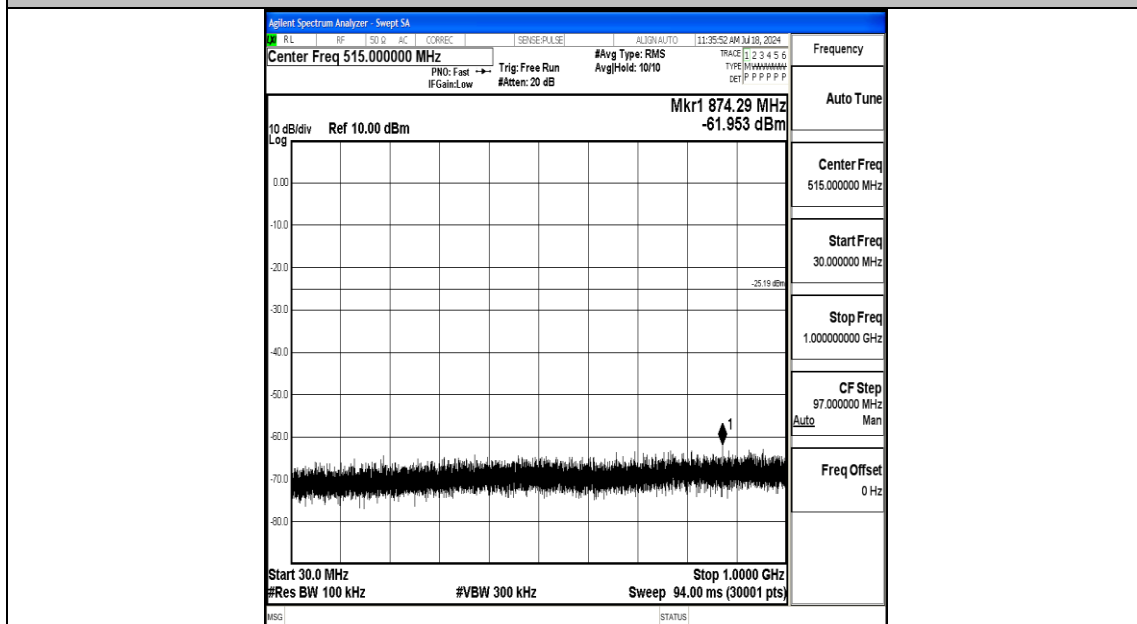




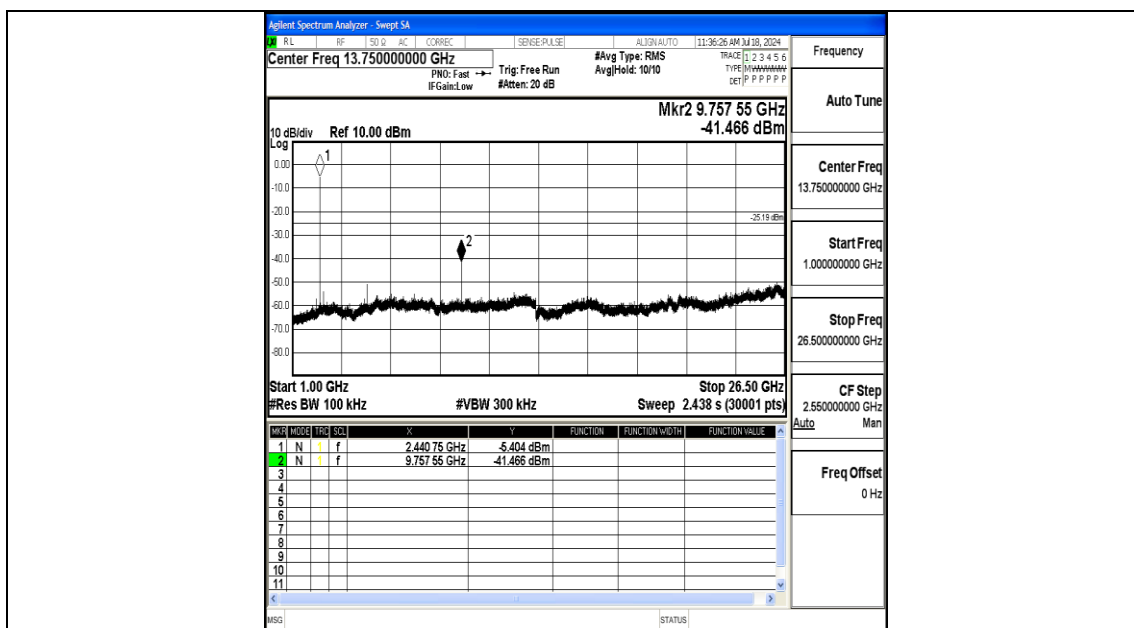
DH5-Ant1-2402-1000~26500-PASS



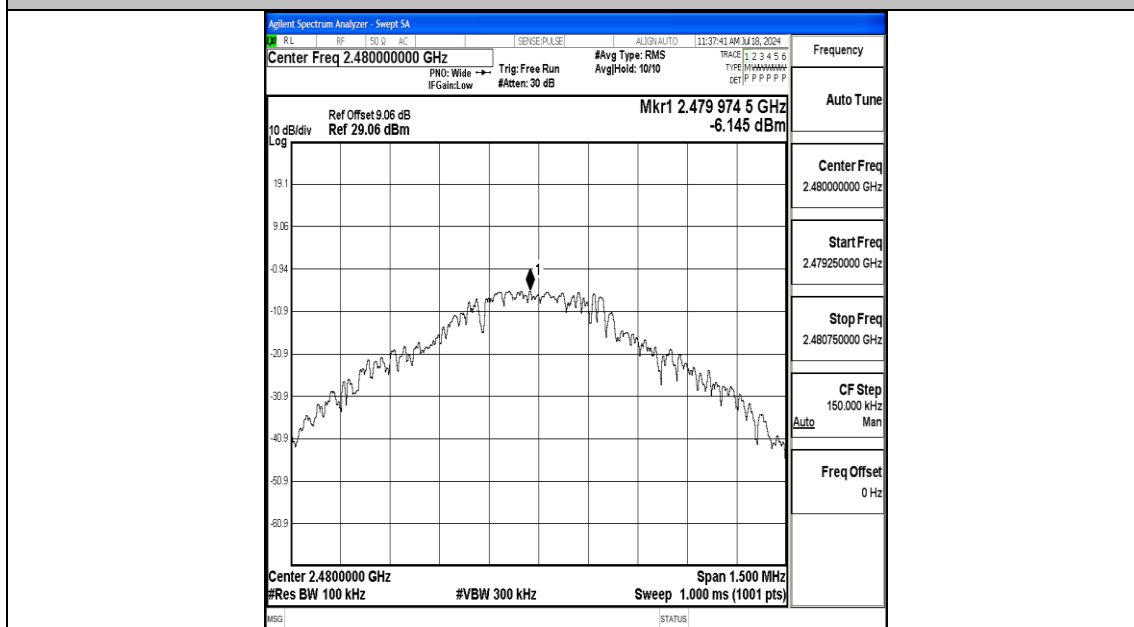
DH5-Ant1-2441-0~Reference-PASS



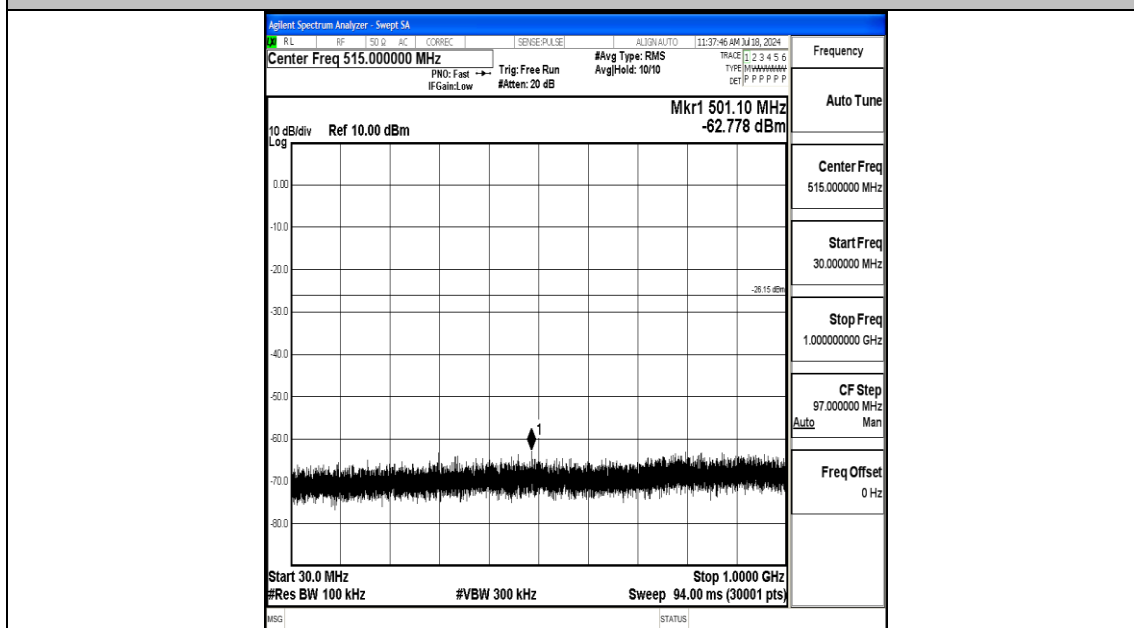
DH5-Ant1-2441-30~1000-PASS



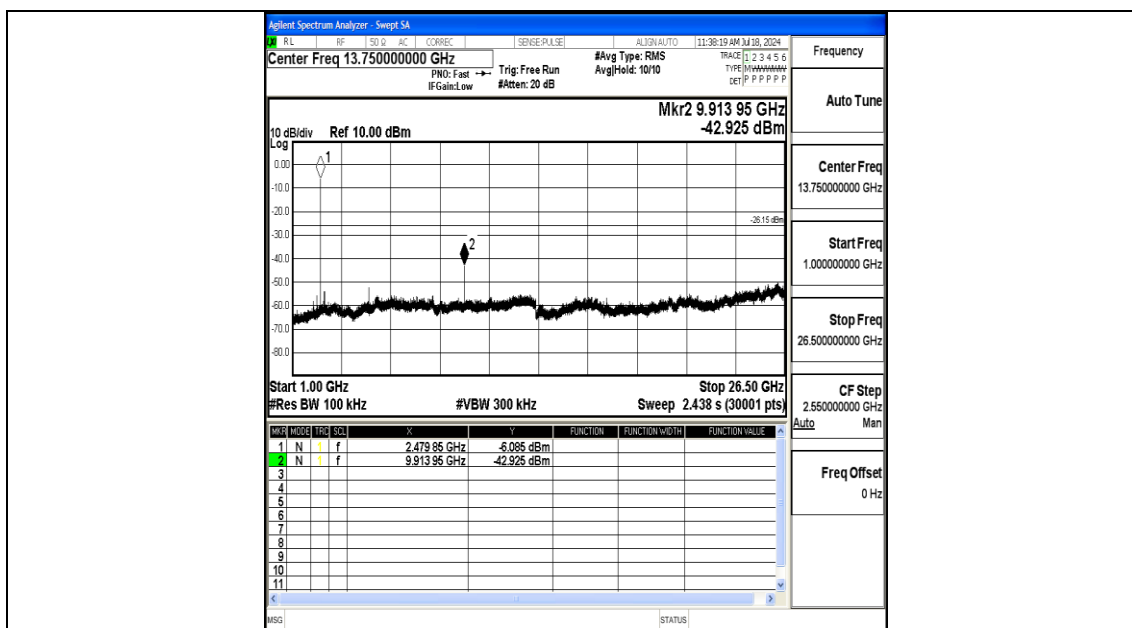
DH5-Ant1-2441-1000~26500-PASS



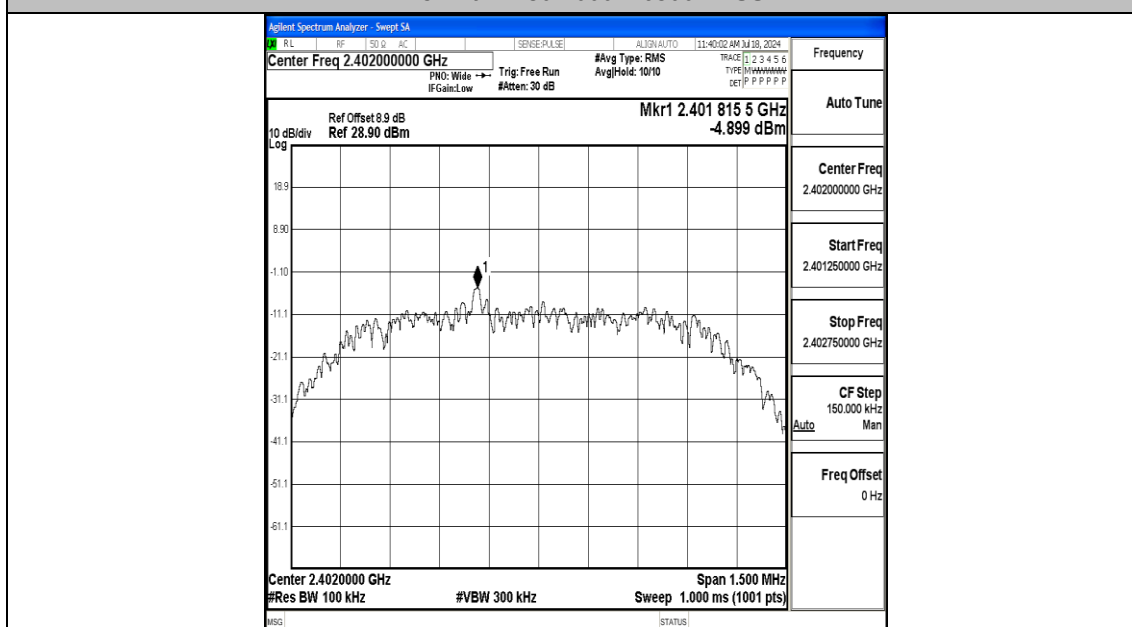
DH5-Ant1-2480-0~Reference-PASS



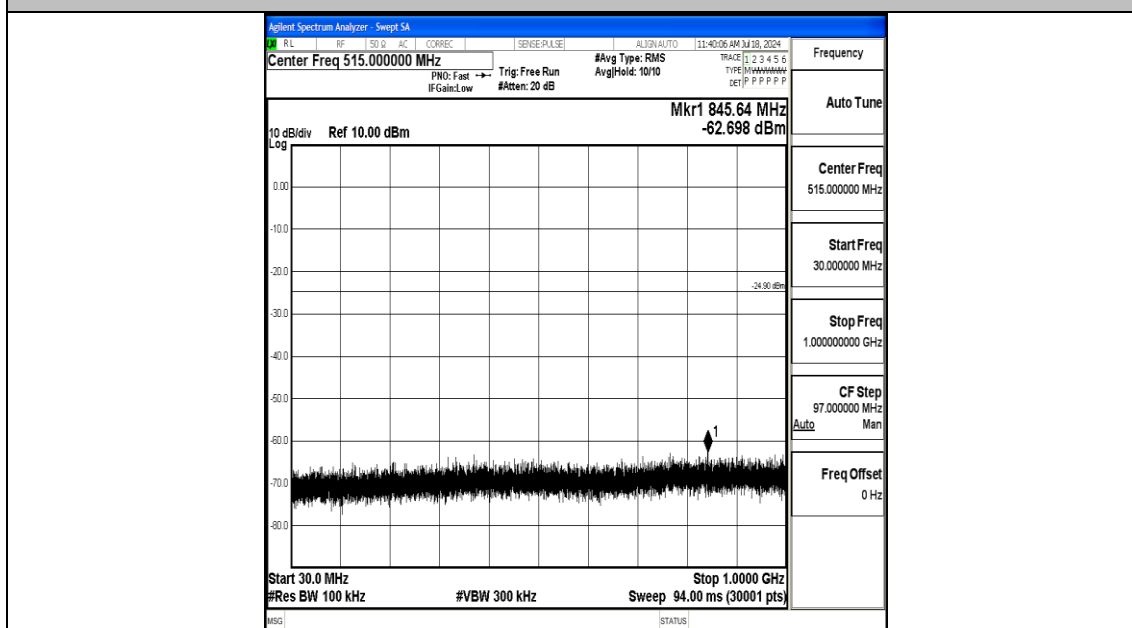
DH5-Ant1-2480-30~1000-PASS



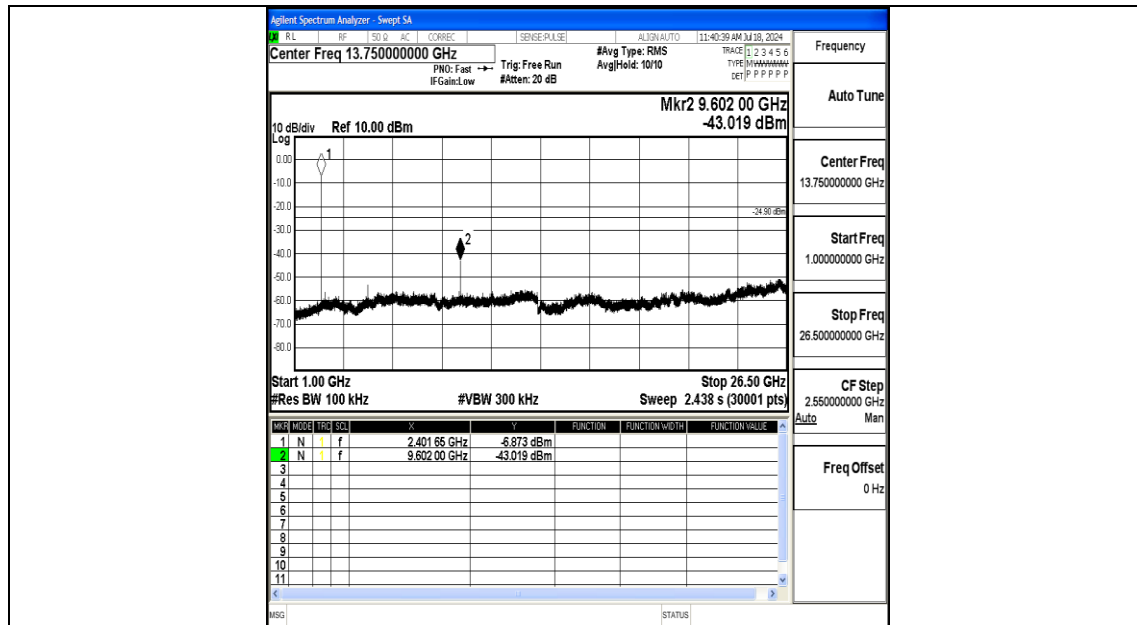
DH5-Ant1-2480-1000~26500-PASS



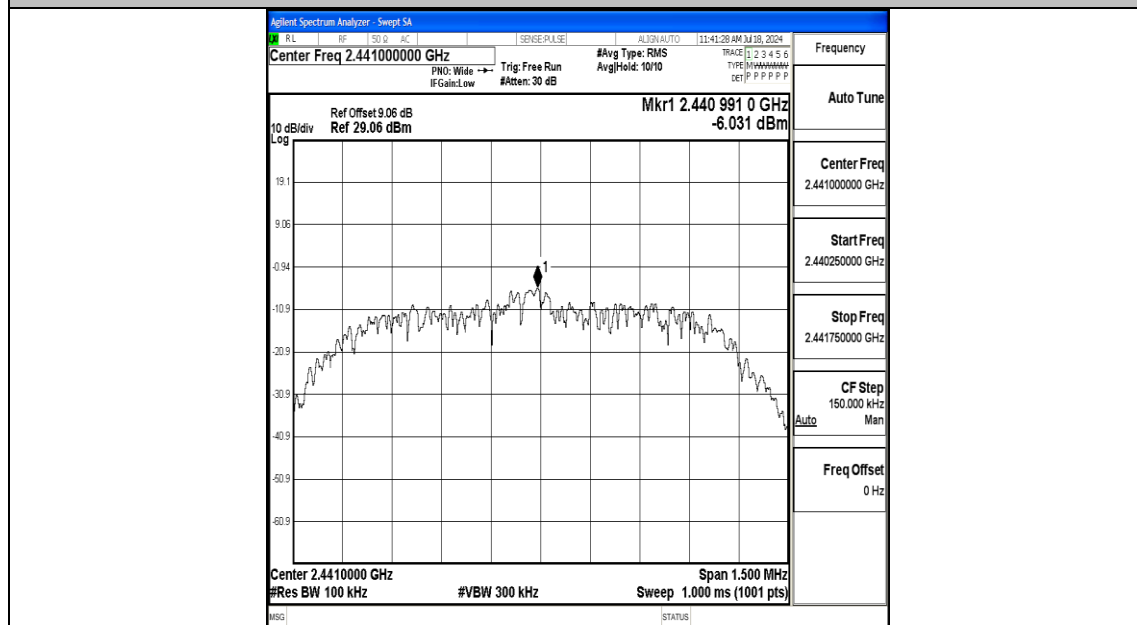
2DH5-Ant1-2402-0~Reference-PASS



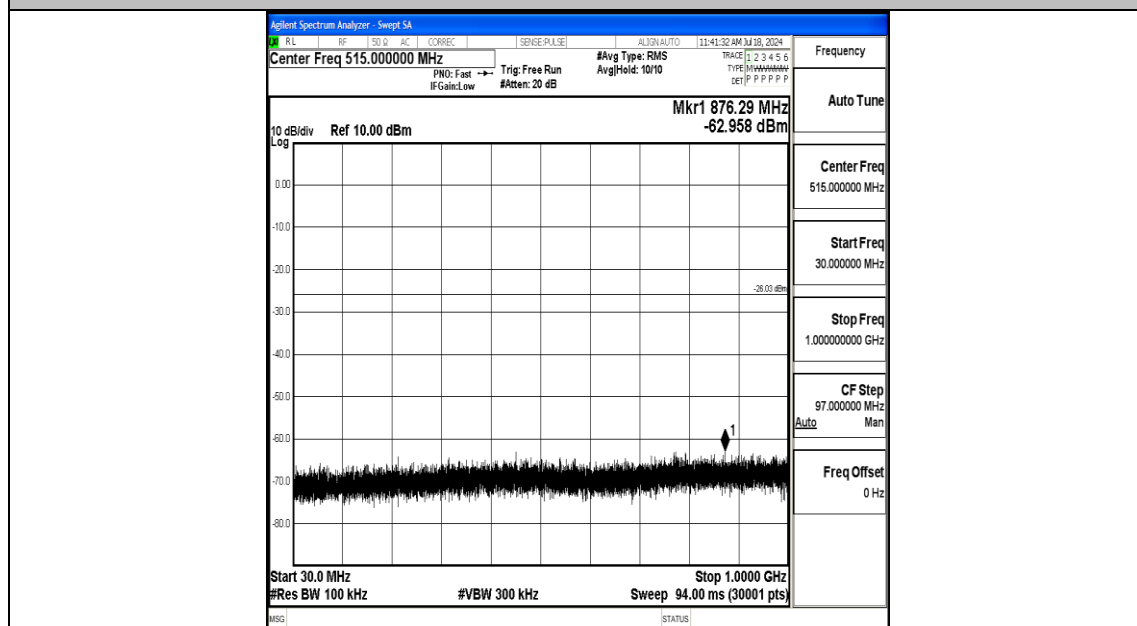
2DH5-Ant1-2402-30~1000-PASS



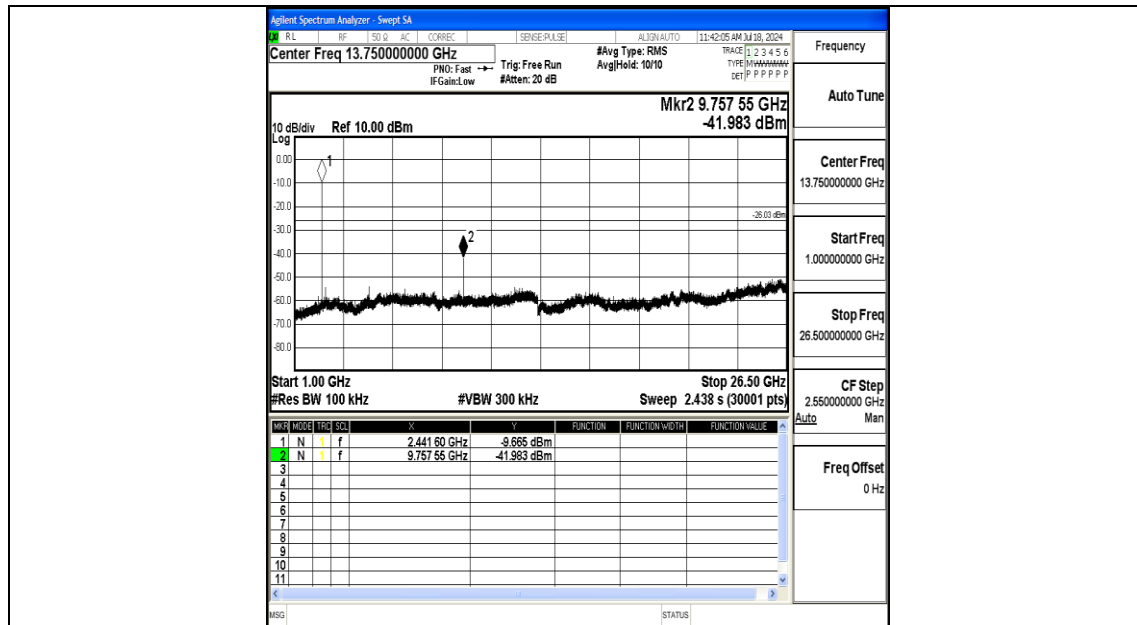
2DH5-Ant1-2402-1000~26500-PASS



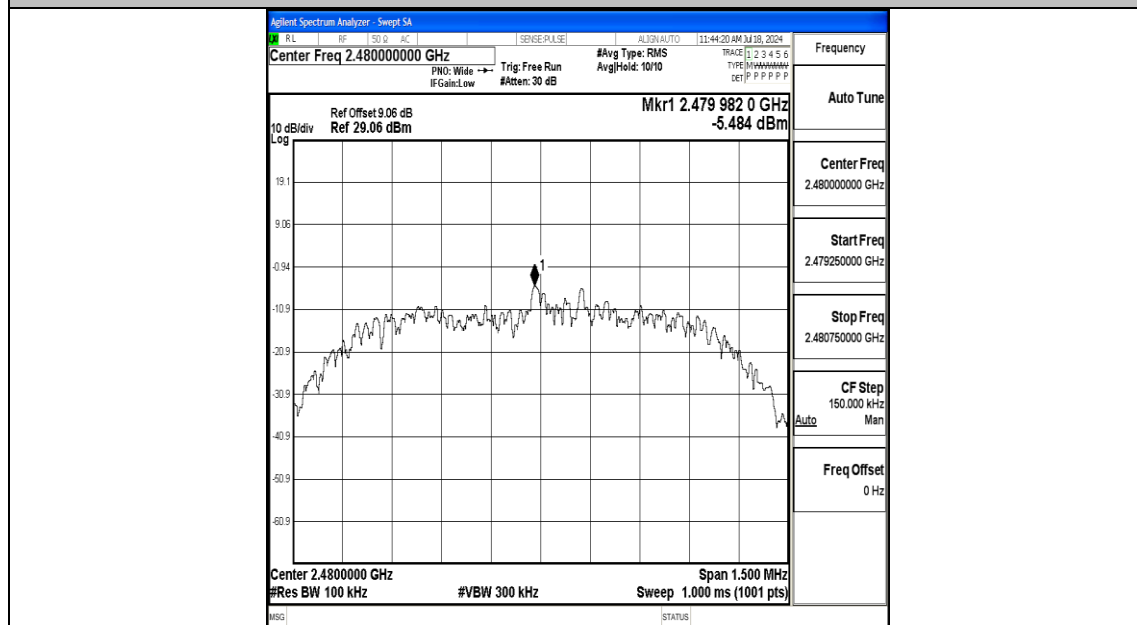
2DH5-Ant1-2441-0~Reference-PASS



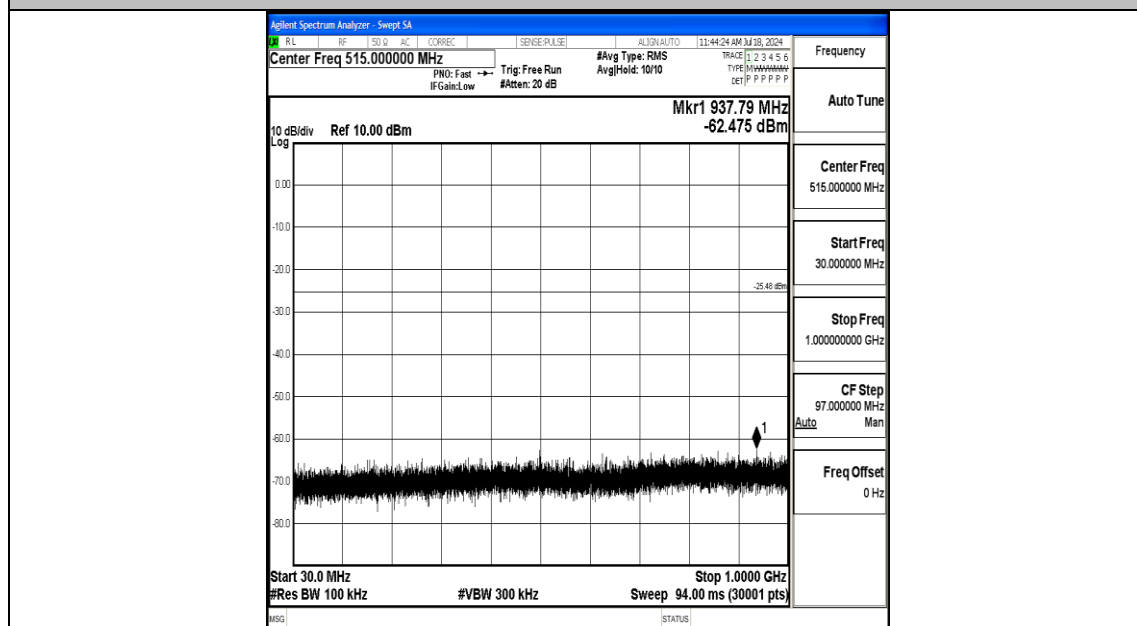
2DH5-Ant1-2441-30~1000-PASS



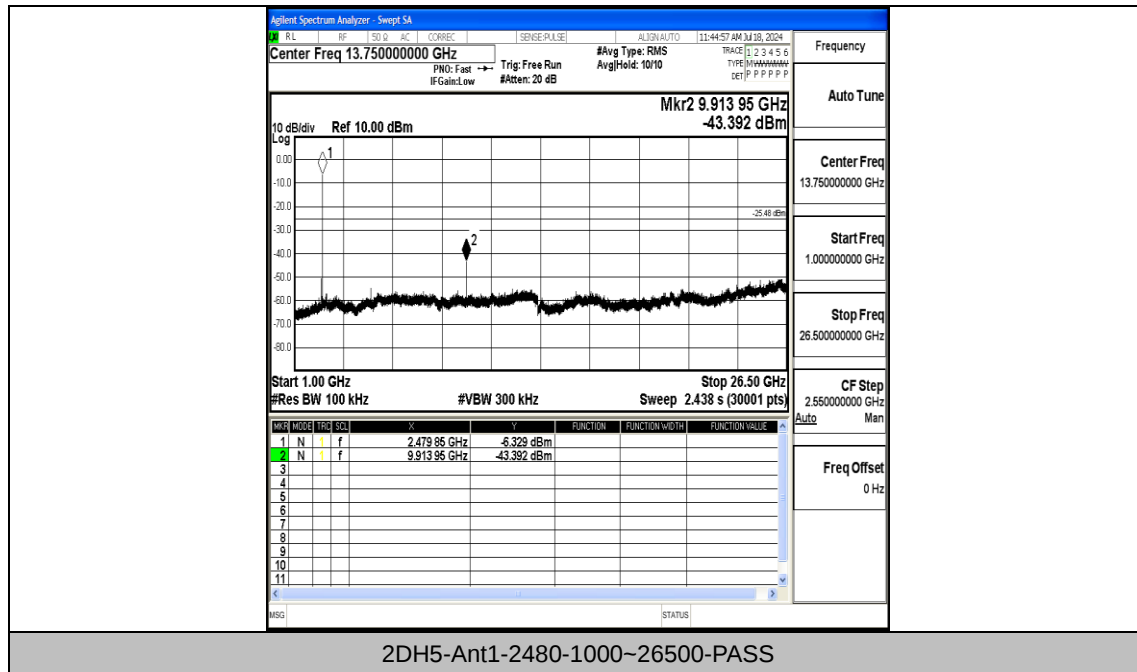
2DH5-Ant1-2441-1000~26500-PASS



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



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

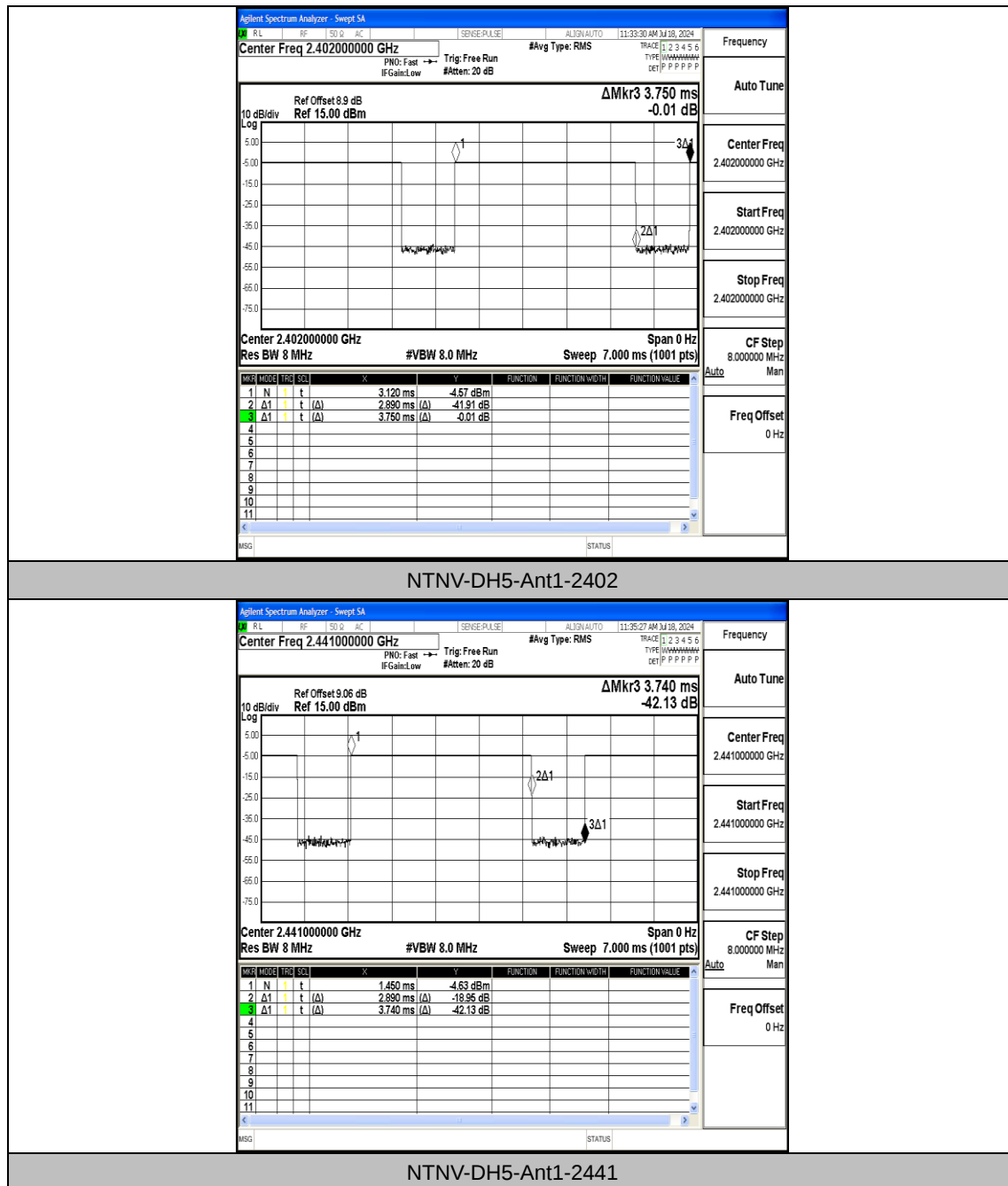


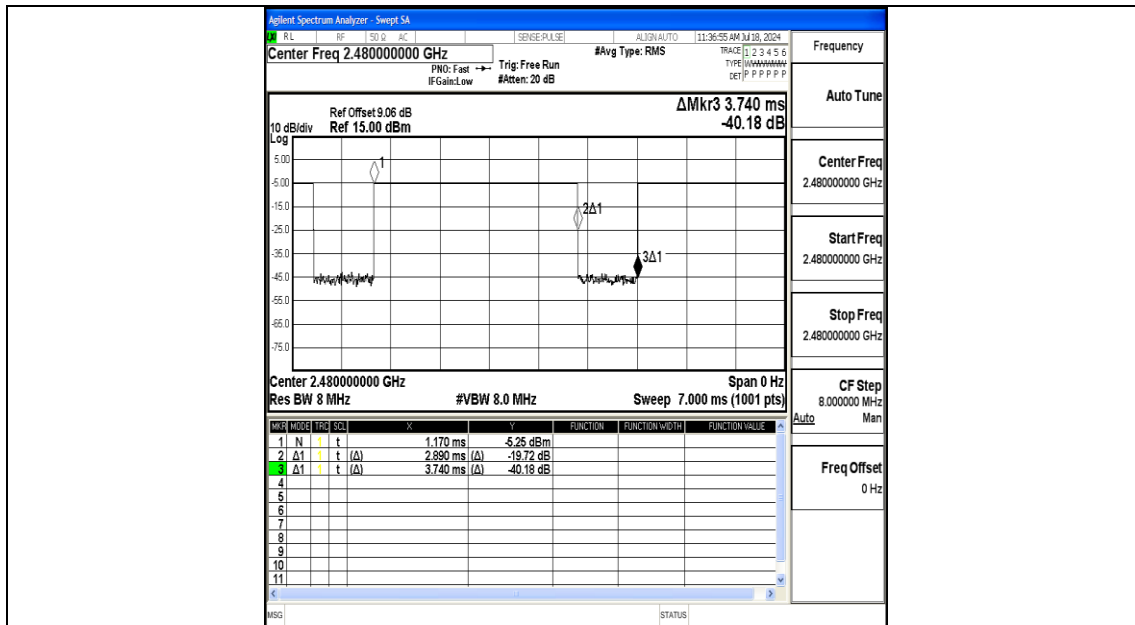
Appendix I: Duty Cycle

Test Result

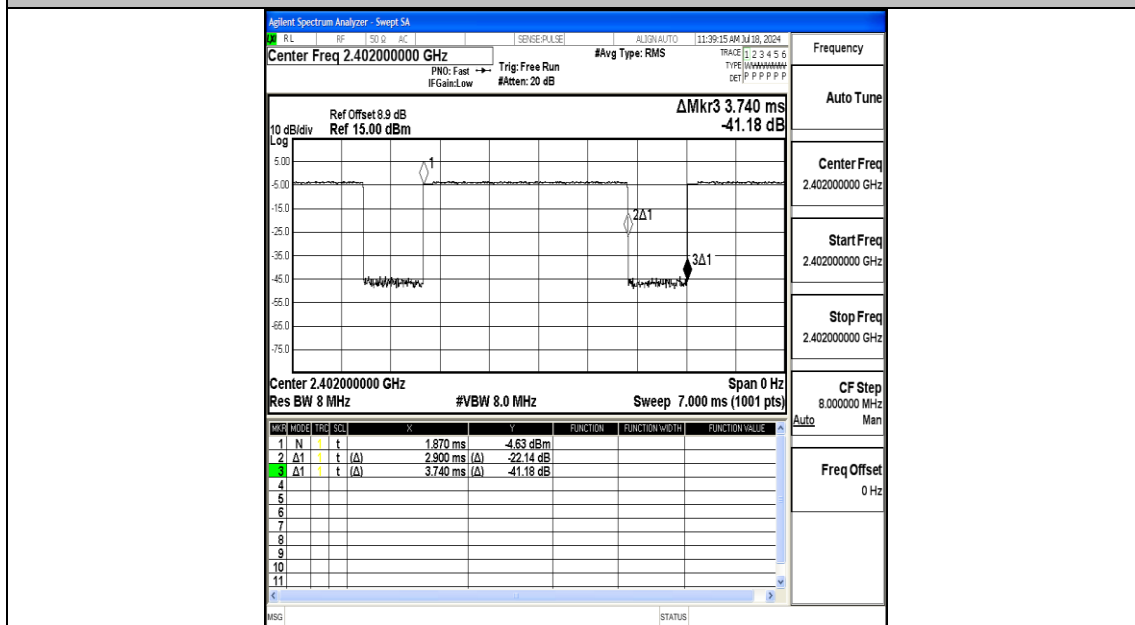
TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.89	3.74	77.27	1.12
DH5	Ant1	2480	2.89	3.74	77.27	1.12
2DH5	Ant1	2402	2.90	3.74	77.54	1.10
2DH5	Ant1	2441	2.90	3.75	77.33	1.12
2DH5	Ant1	2480	2.90	3.76	77.13	1.13

Test Graphs

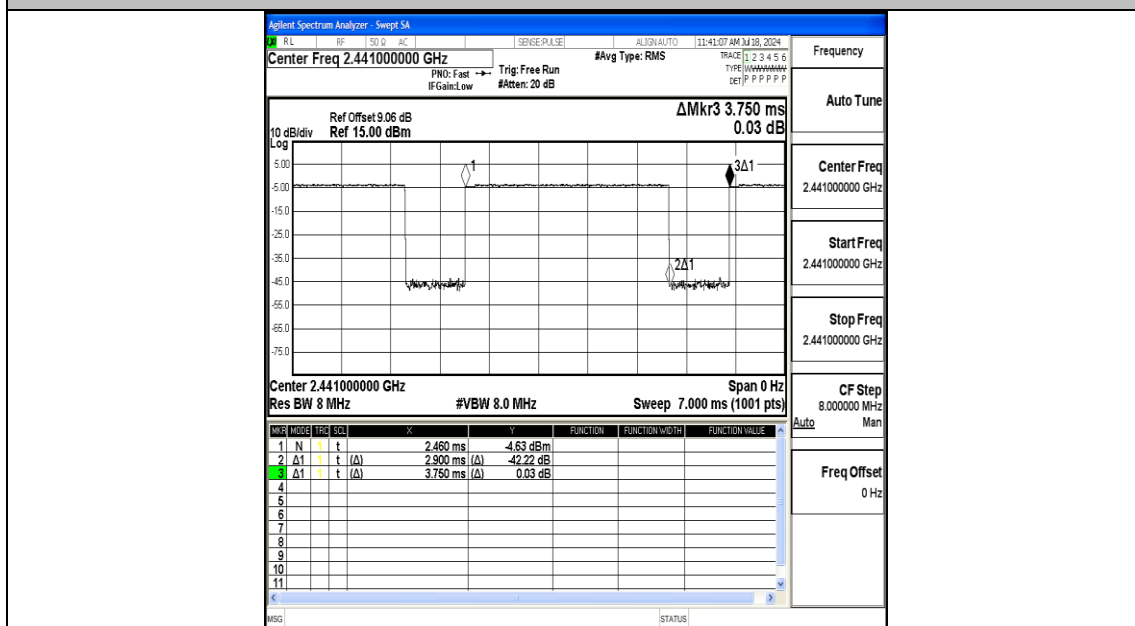




NTNV-DH5-Ant1-2480



NTNV-2DH5-Ant1-2402



NTNV-2DH5-Ant1-2441

