

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

Product Name: AUDIO SLEEP MASK WITH PADDED EYE CUPS

Trade Mark: /

Test Model: YS-BTM0238

FCC ID: 2AWHS-BTM0238

Environmental Conditions

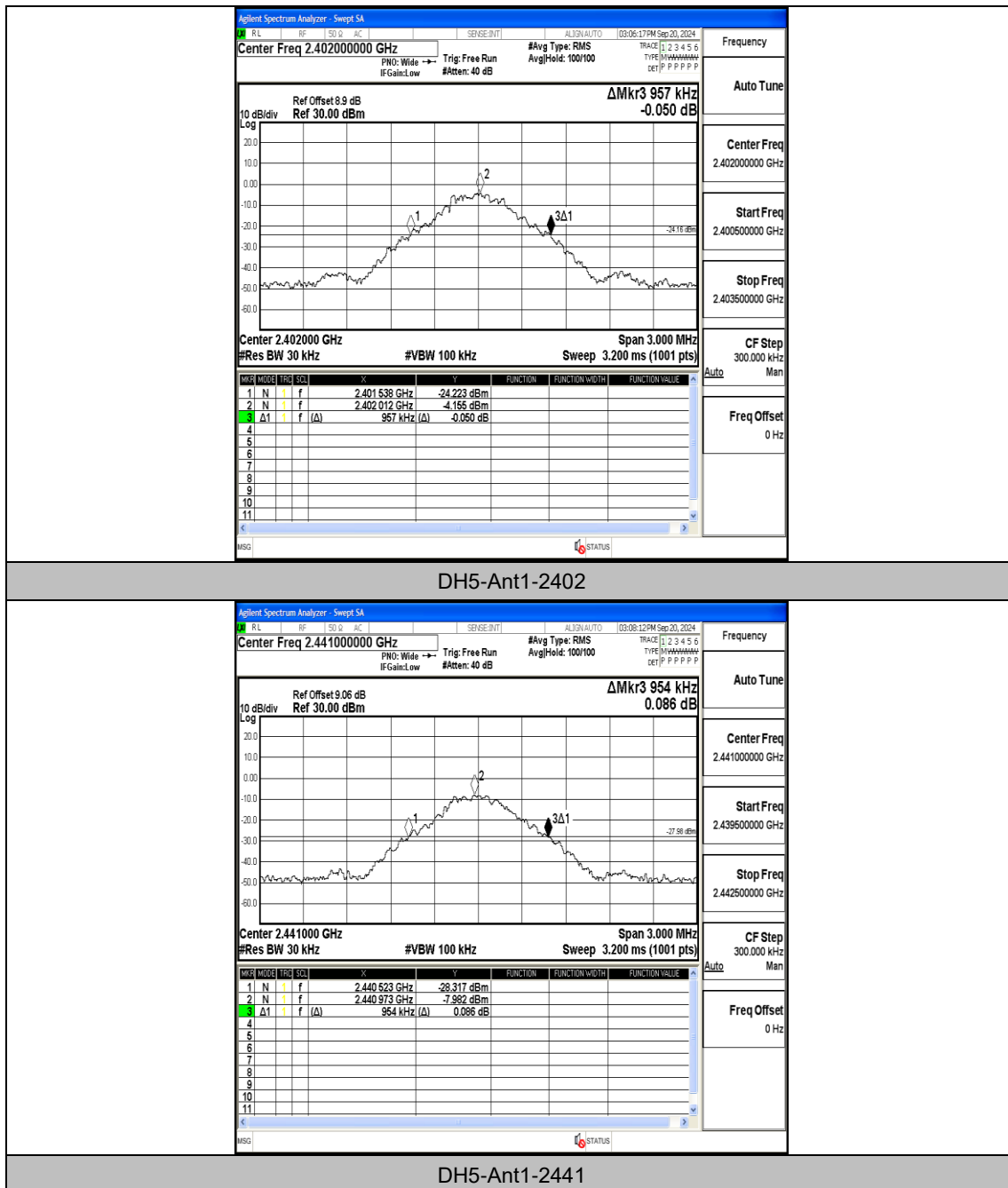
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

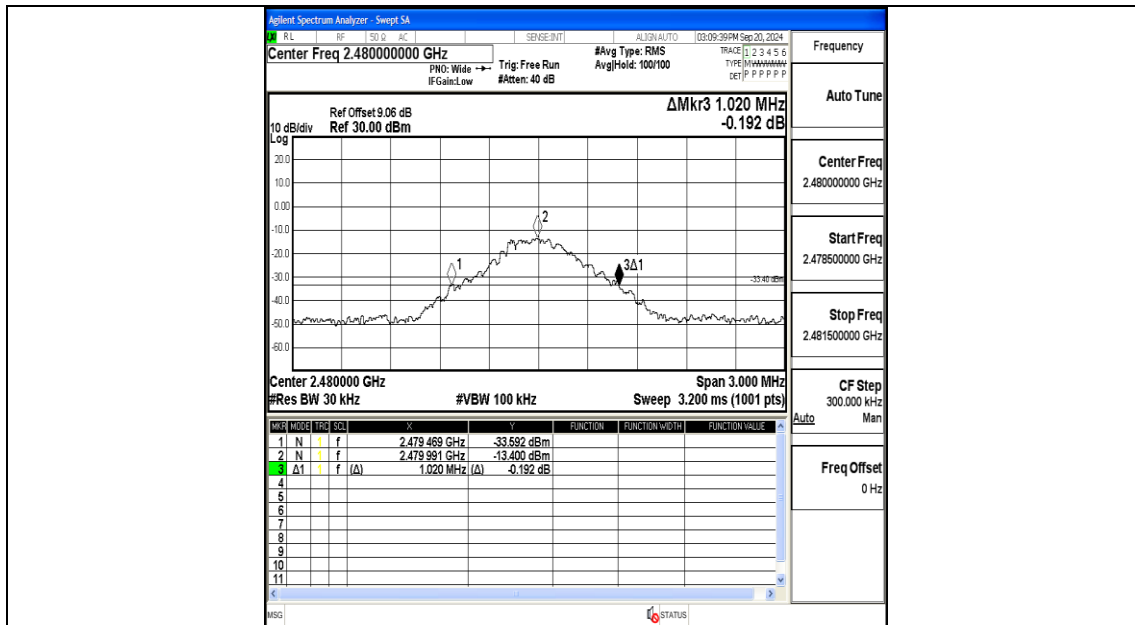
Appendix A: 20dB Emission Bandwidth

Test Result

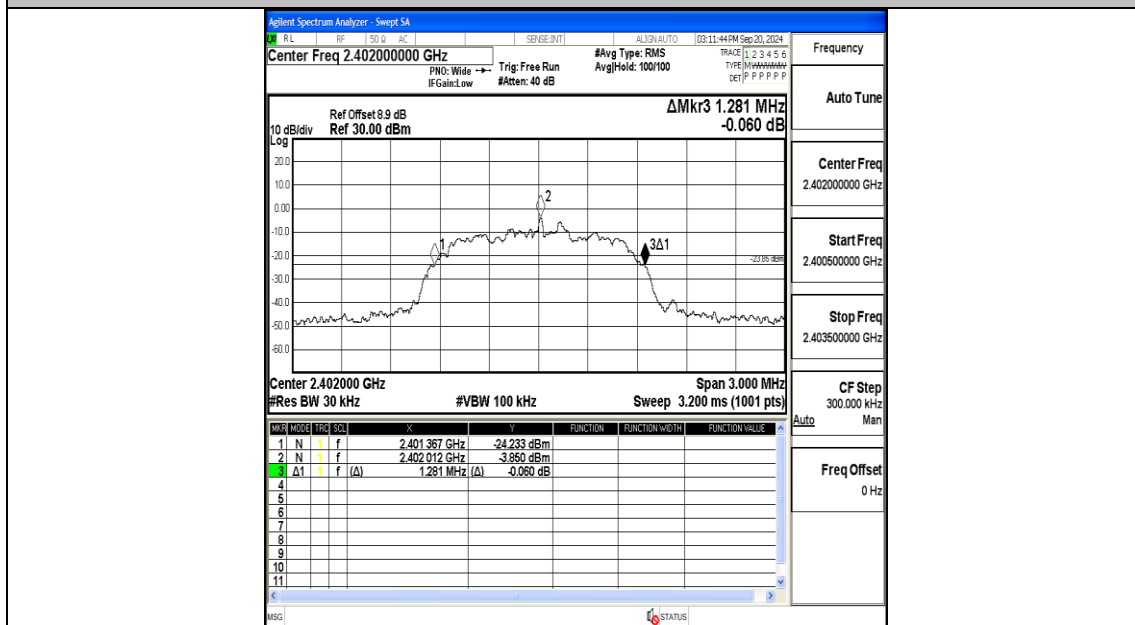
Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.957	2401.538	2402.495	---	---
DH5	Ant1	2441	0.954	2440.523	2441.477	---	---
DH5	Ant1	2480	1.020	2479.469	2480.489	---	---
2DH5	Ant1	2402	1.281	2401.367	2402.648	---	---
2DH5	Ant1	2441	1.269	2440.370	2441.639	---	---
2DH5	Ant1	2480	1.323	2479.340	2480.663	---	---
3DH5	Ant1	2402	1.320	2401.337	2402.657	---	---
3DH5	Ant1	2441	1.290	2440.358	2441.648	---	---
3DH5	Ant1	2480	1.287	2479.361	2480.648	---	---

Test Graphs

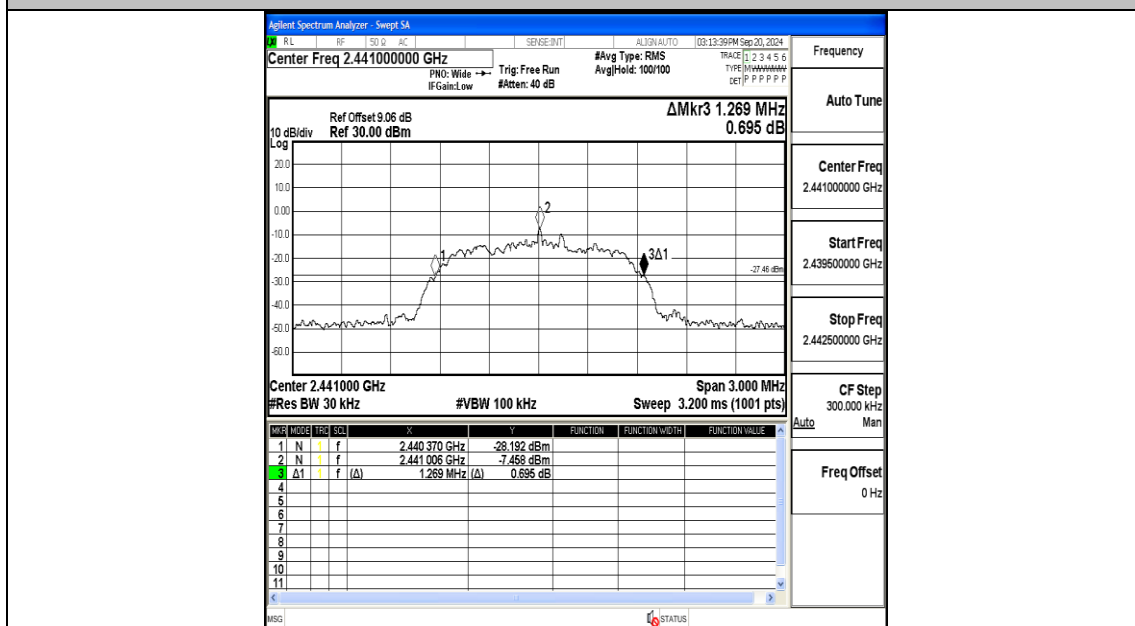




DH5-Ant1-2480

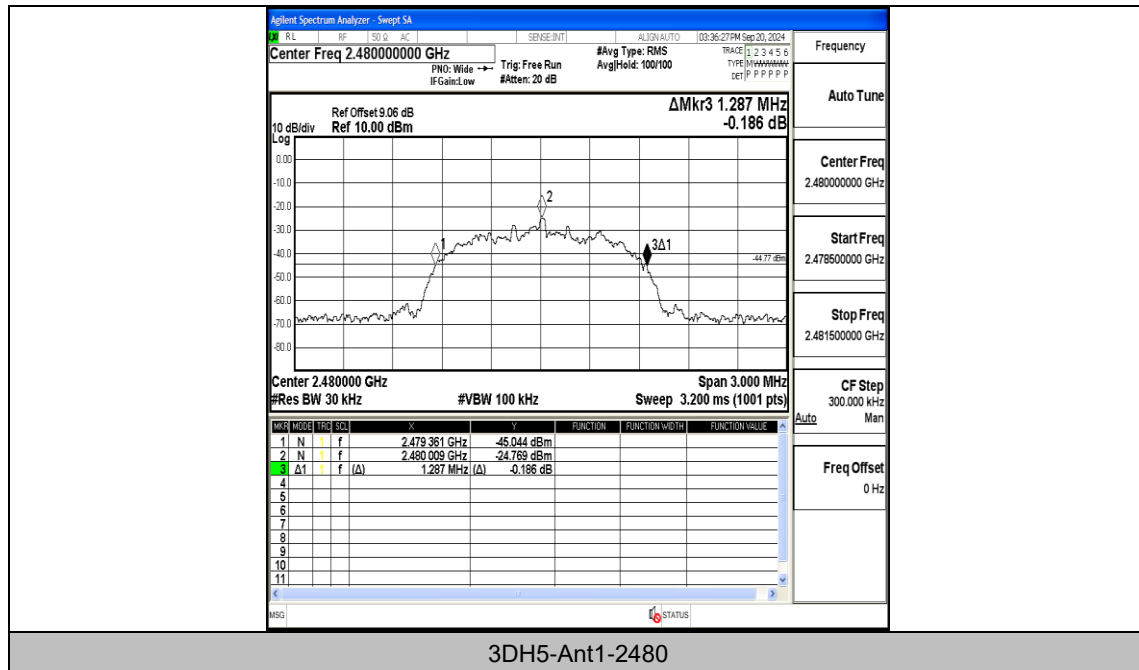


2DH5-Ant1-2402



2DH5-Ant1-2441



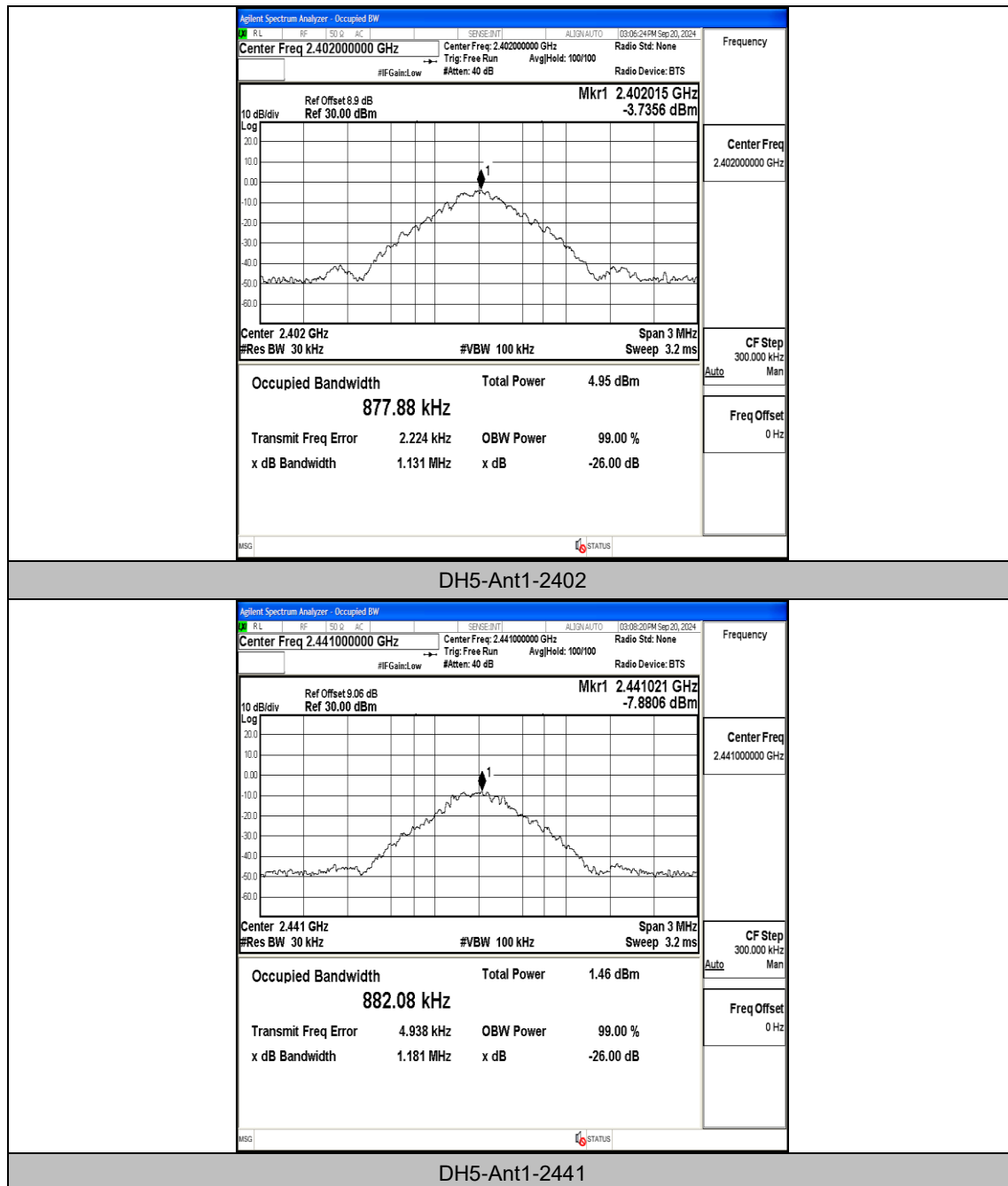


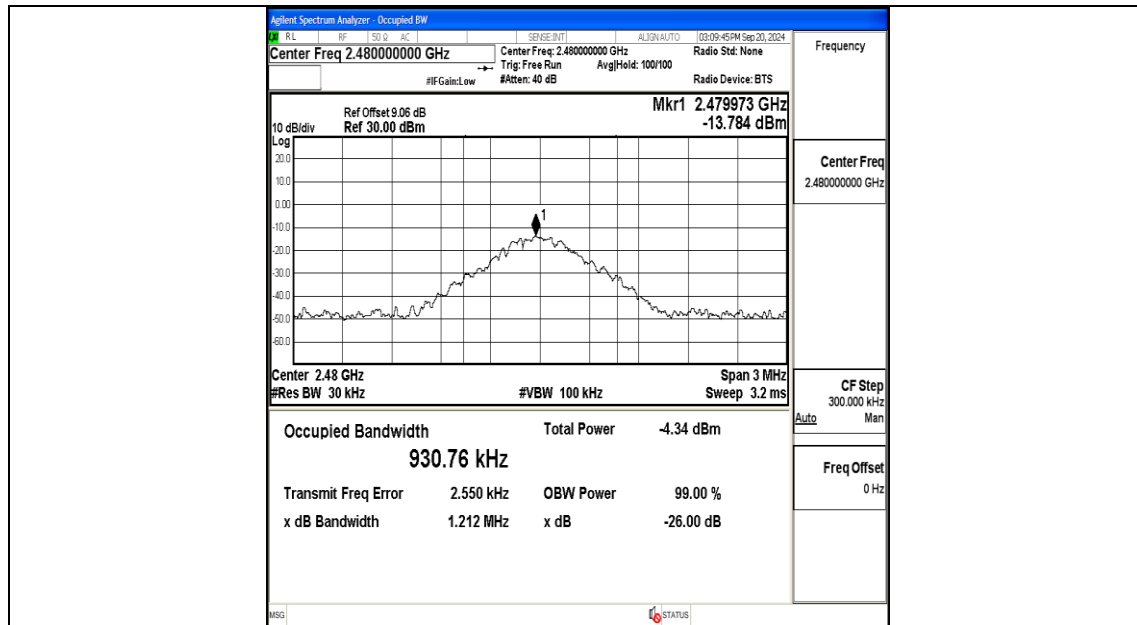
Appendix B: Occupied Channel Bandwidth

Test Result

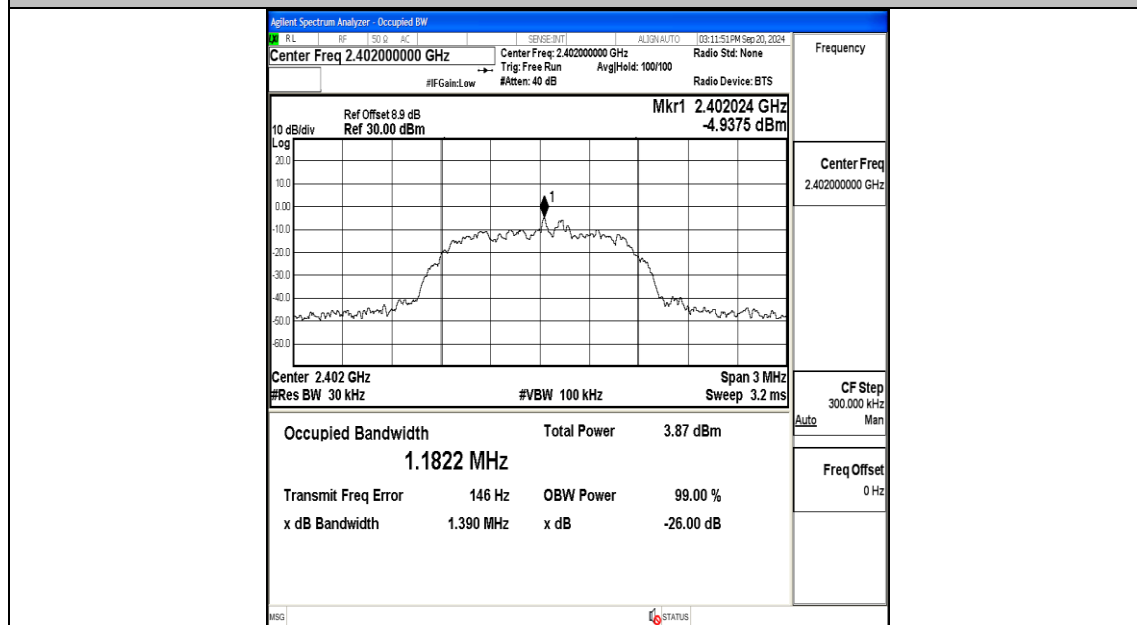
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.87788	2401.5633	2402.4412	---	---
DH5	Ant1	2441	0.88208	2440.5639	2441.4460	---	---
DH5	Ant1	2480	0.93076	2479.5372	2480.4679	---	---
2DH5	Ant1	2402	1.1822	2401.4091	2402.5913	---	---
2DH5	Ant1	2441	1.1934	2440.3981	2441.5915	---	---
2DH5	Ant1	2480	1.1725	2479.4129	2480.5854	---	---
3DH5	Ant1	2402	1.1907	2401.4041	2402.5948	---	---
3DH5	Ant1	2441	1.1952	2440.4064	2441.6016	---	---
3DH5	Ant1	2480	1.2006	2479.3989	2480.5995	---	---

Test Graphs

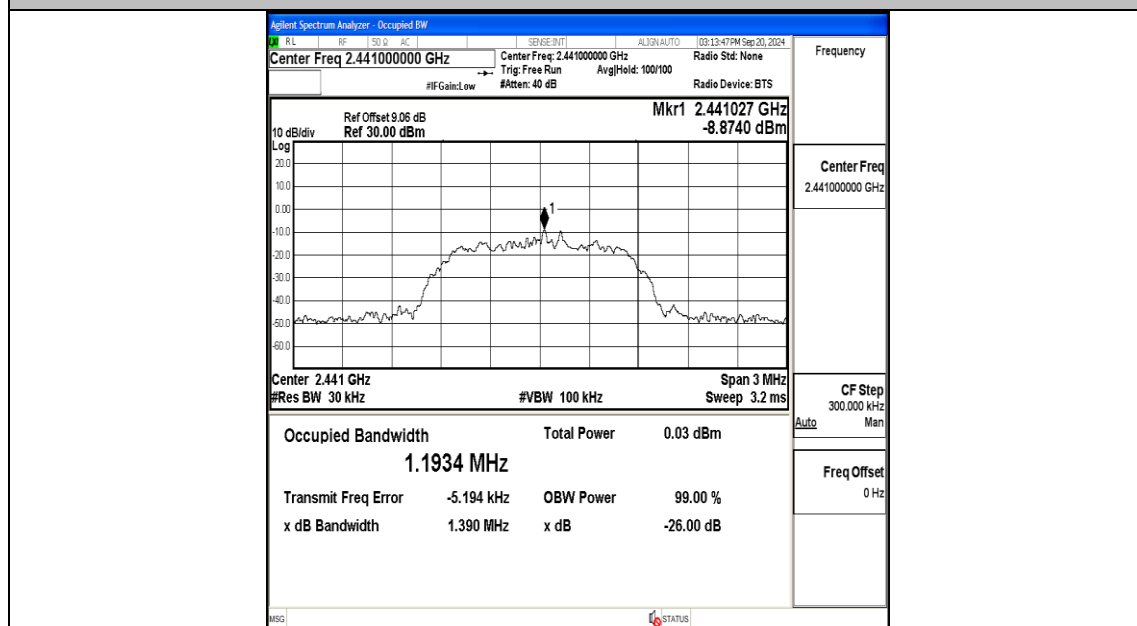




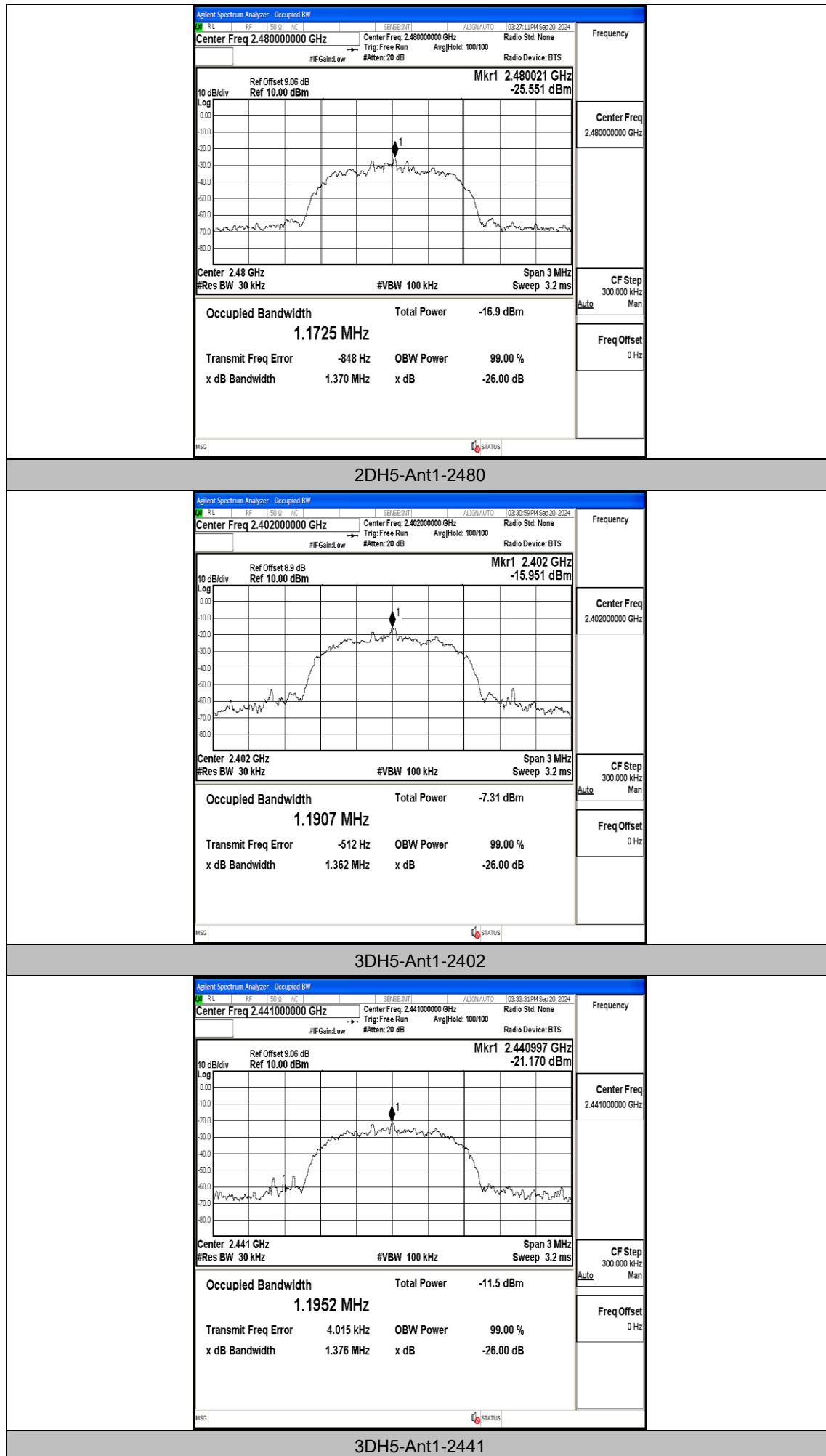
DH5-Ant1-2480

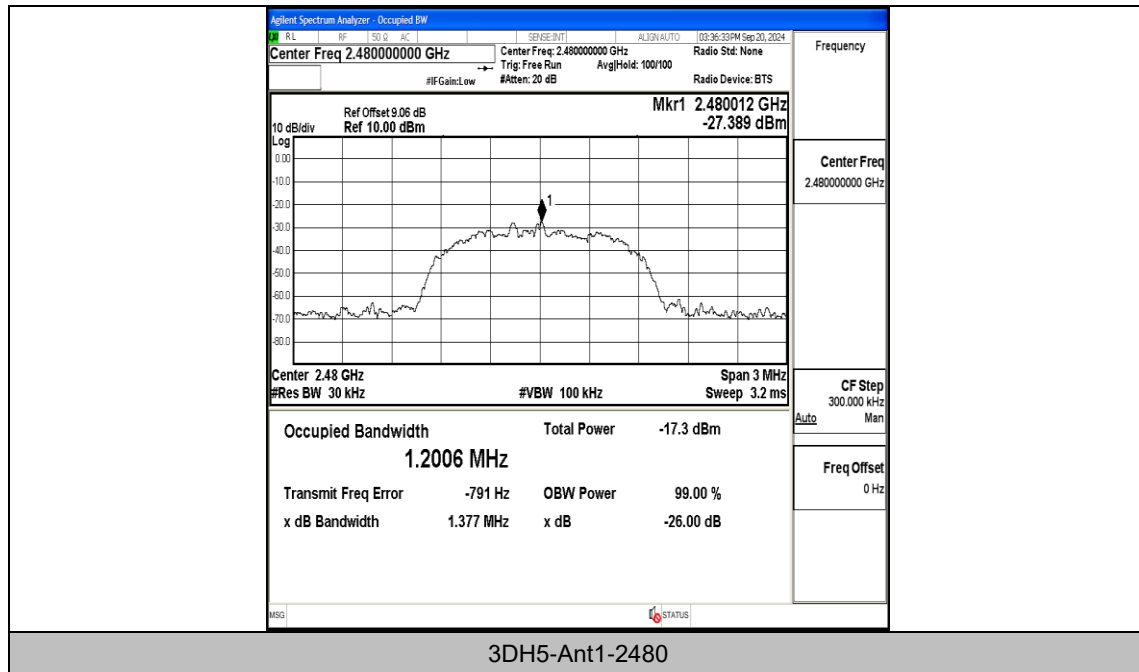


2DH5-Ant1-2402



2DH5-Ant1-2441



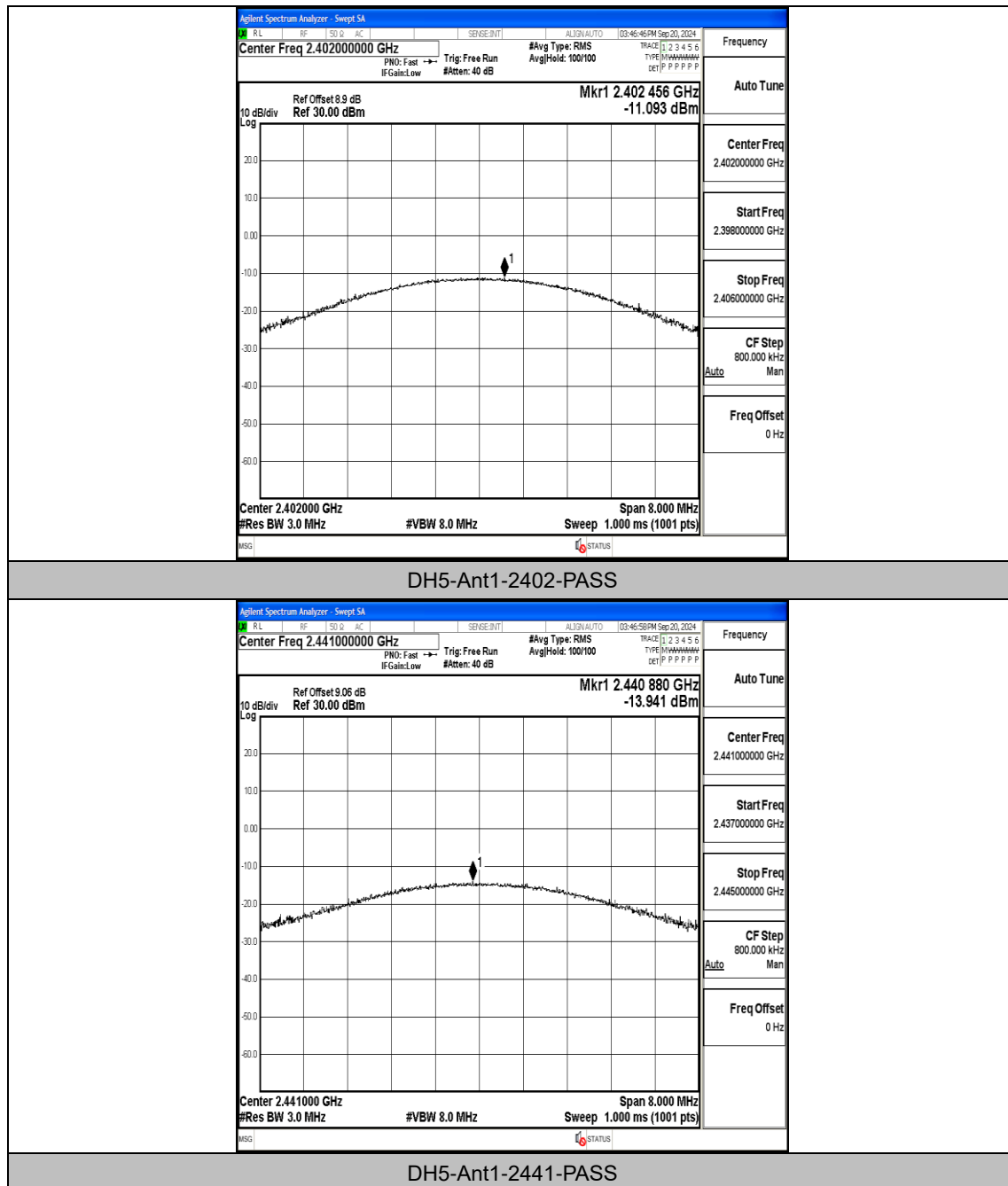


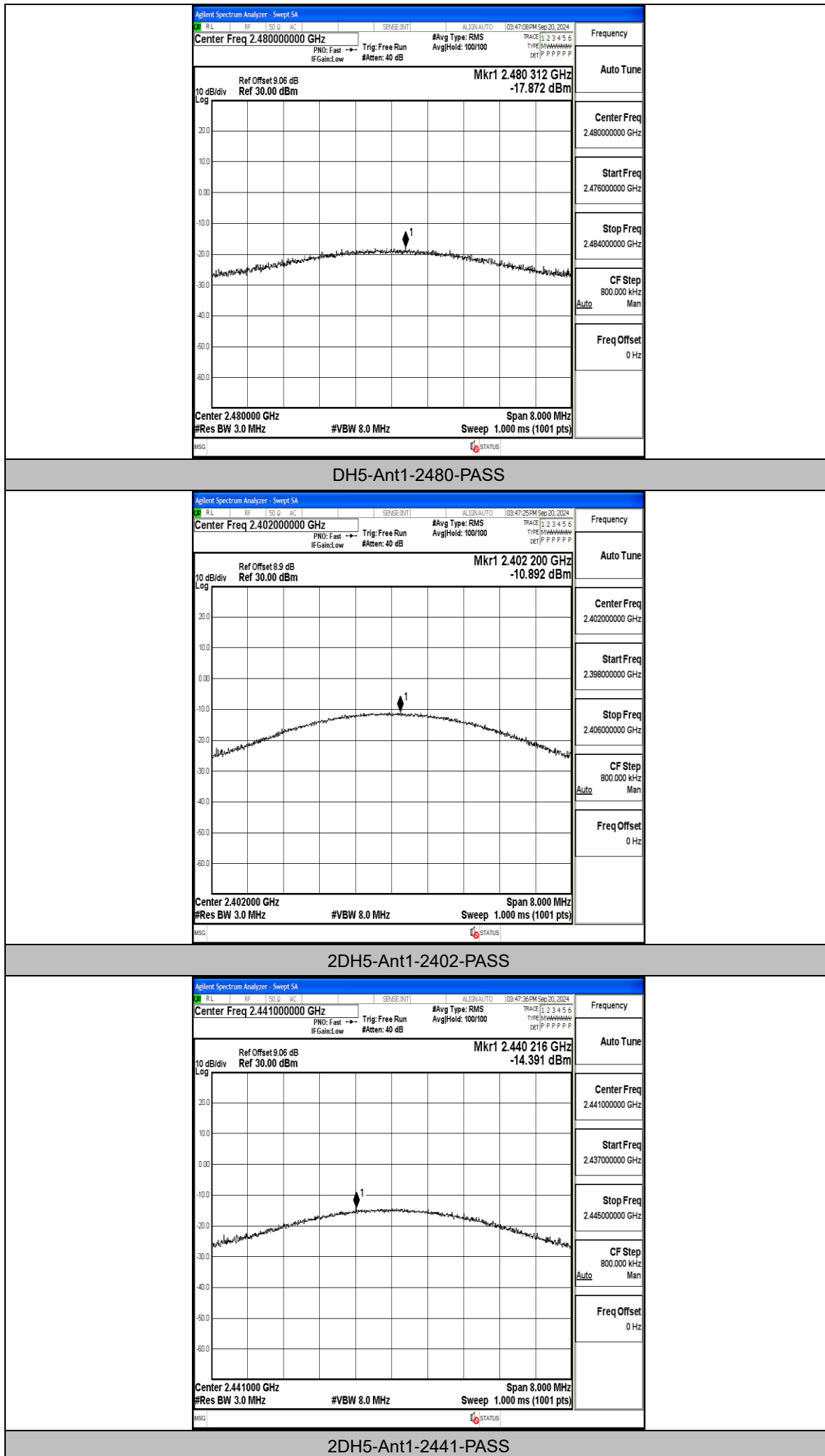
Appendix C: Maximum peak conducted output power

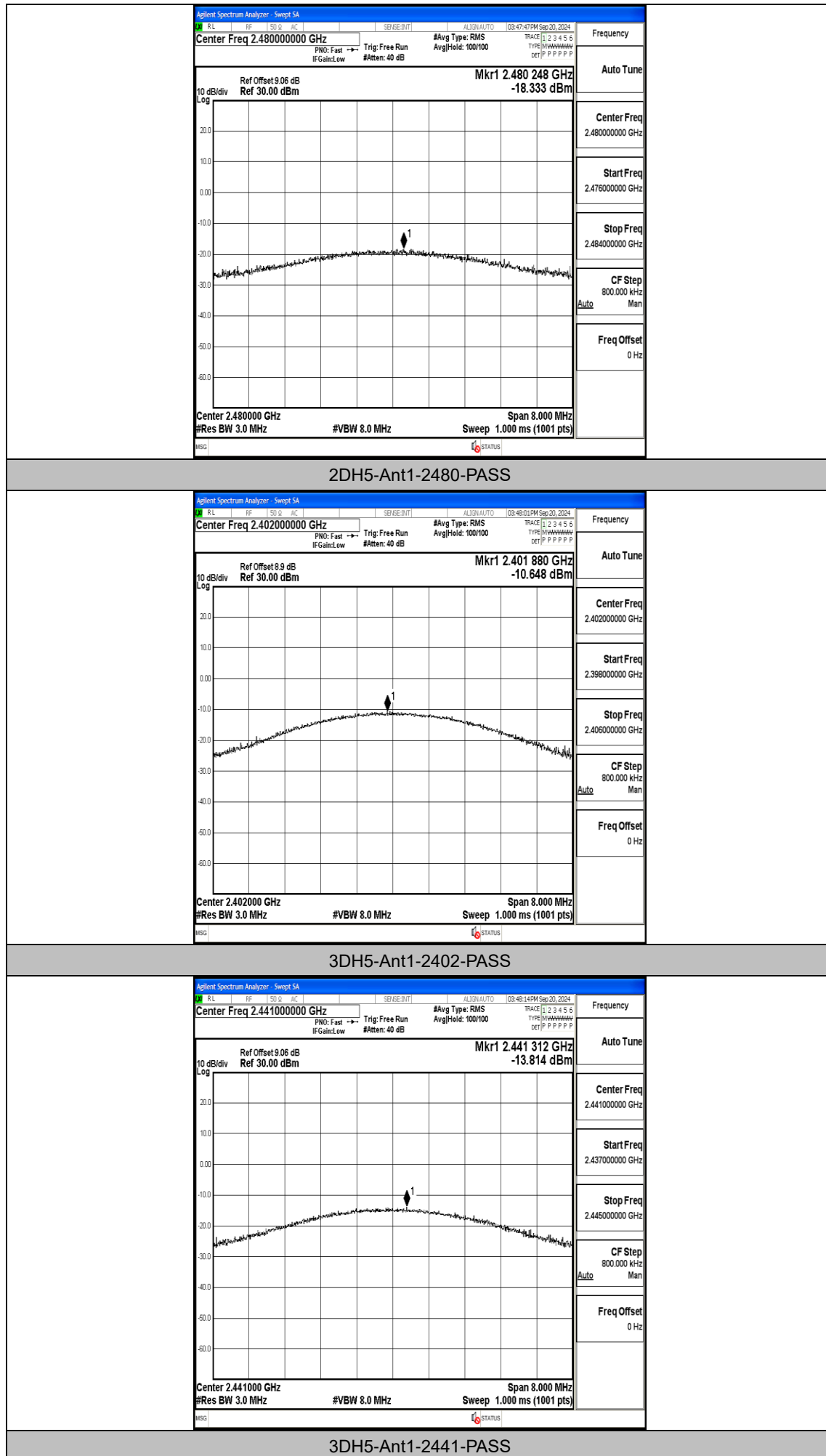
Test Result

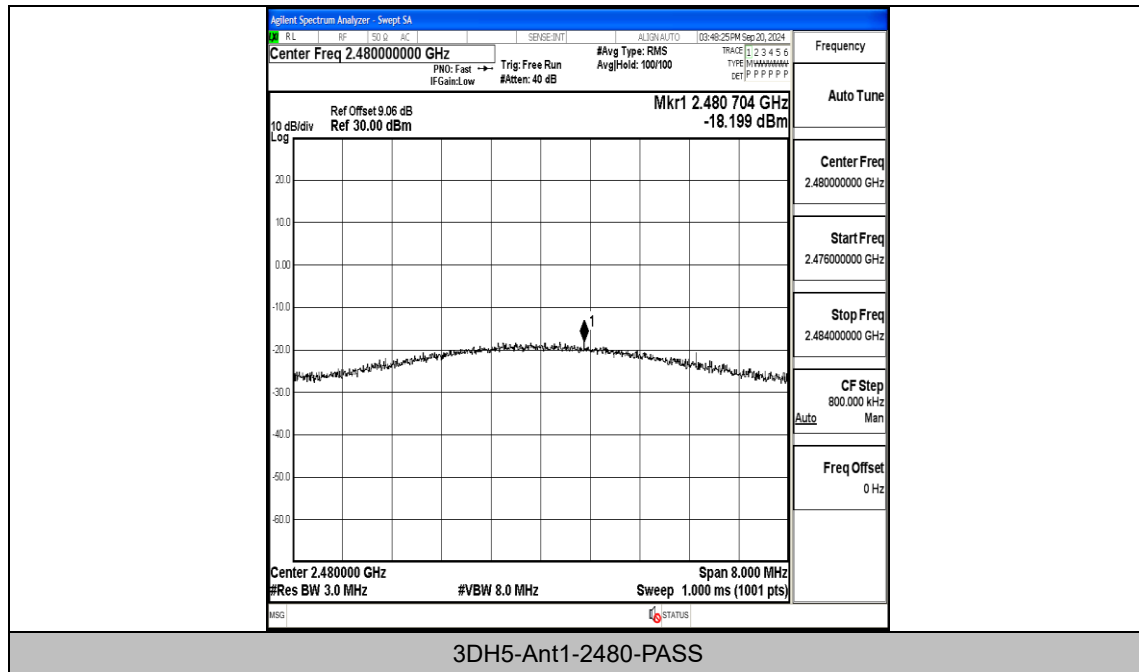
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
DH5	Ant1	2402	-11.09	≤20.97	PASS
DH5	Ant1	2441	-13.94	≤20.97	PASS
DH5	Ant1	2480	-17.87	≤20.97	PASS
2DH5	Ant1	2402	-10.89	≤20.97	PASS
2DH5	Ant1	2441	-14.39	≤20.97	PASS
2DH5	Ant1	2480	-18.33	≤20.97	PASS
3DH5	Ant1	2402	-10.65	≤20.97	PASS
3DH5	Ant1	2441	-13.81	≤20.97	PASS
3DH5	Ant1	2480	-18.20	≤20.97	PASS

Test Graphs







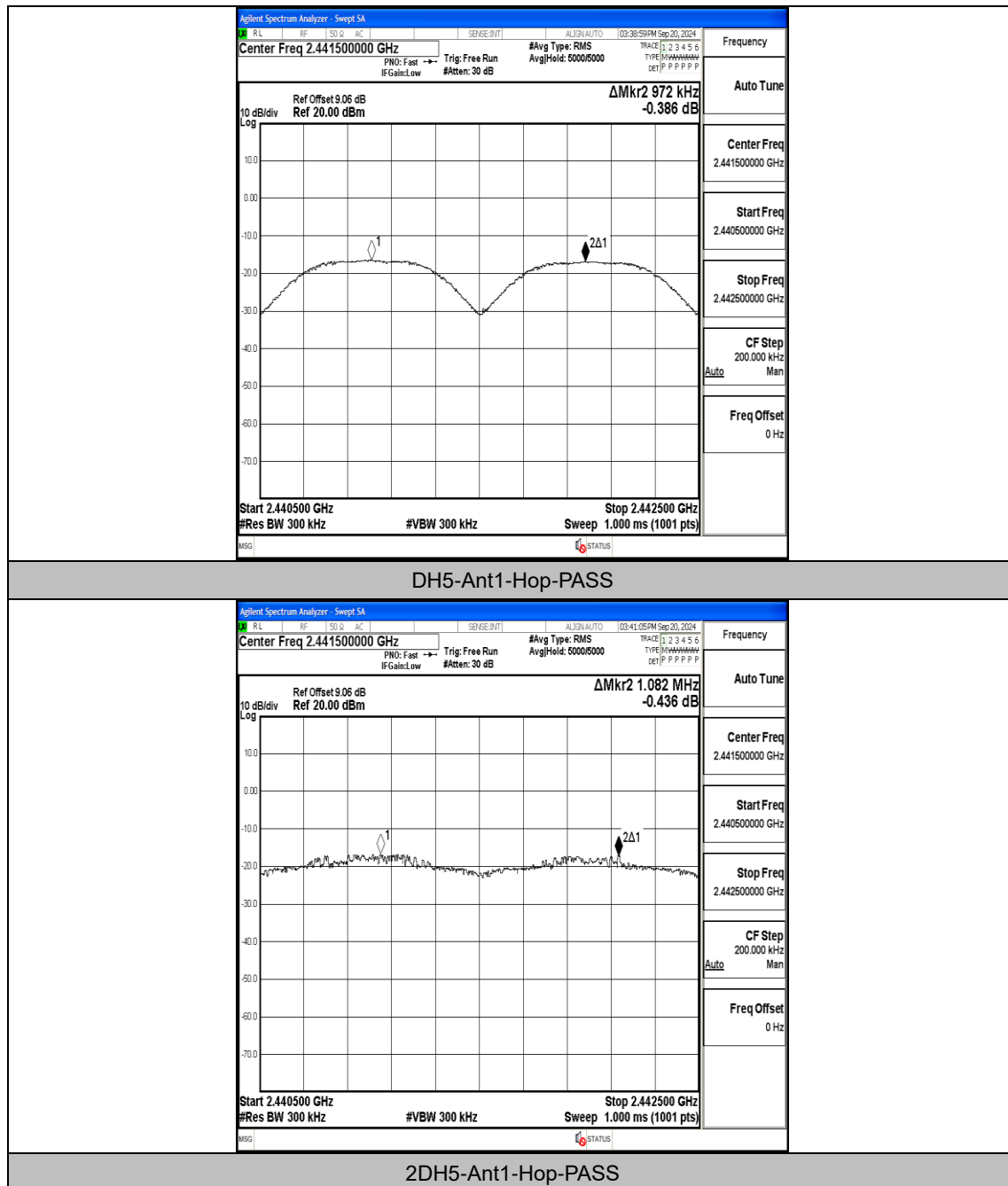


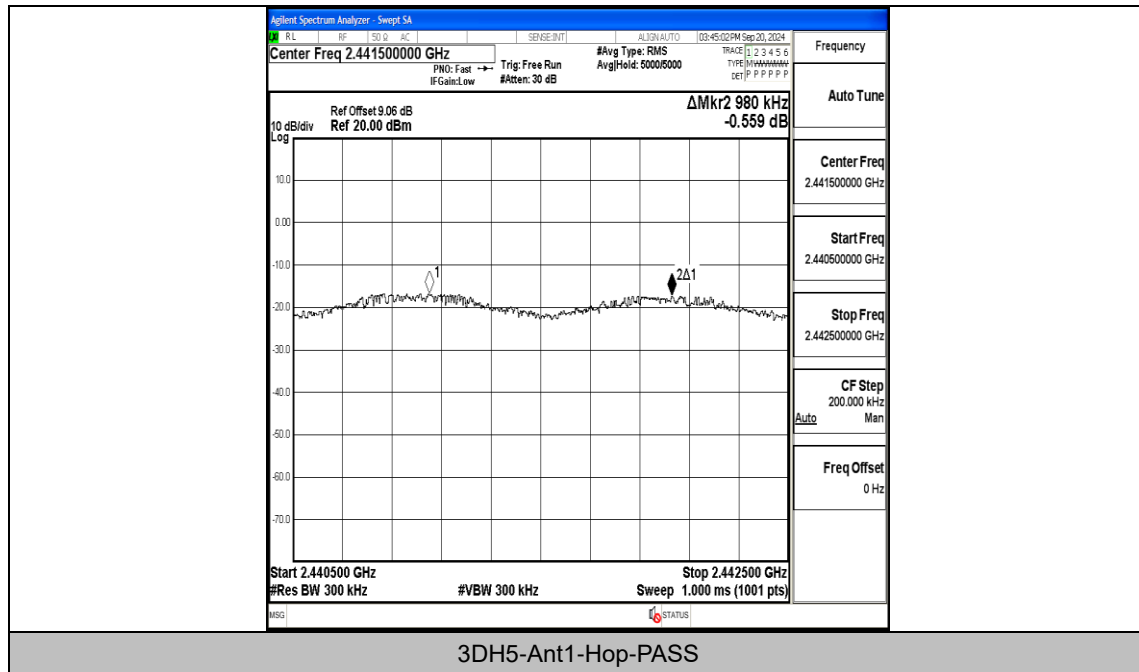
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	0.972	≥ 0.680	PASS
2DH5	Ant1	Hop	1.082	≥ 0.882	PASS
3DH5	Ant1	Hop	0.98	≥ 0.880	PASS

Test Graphs



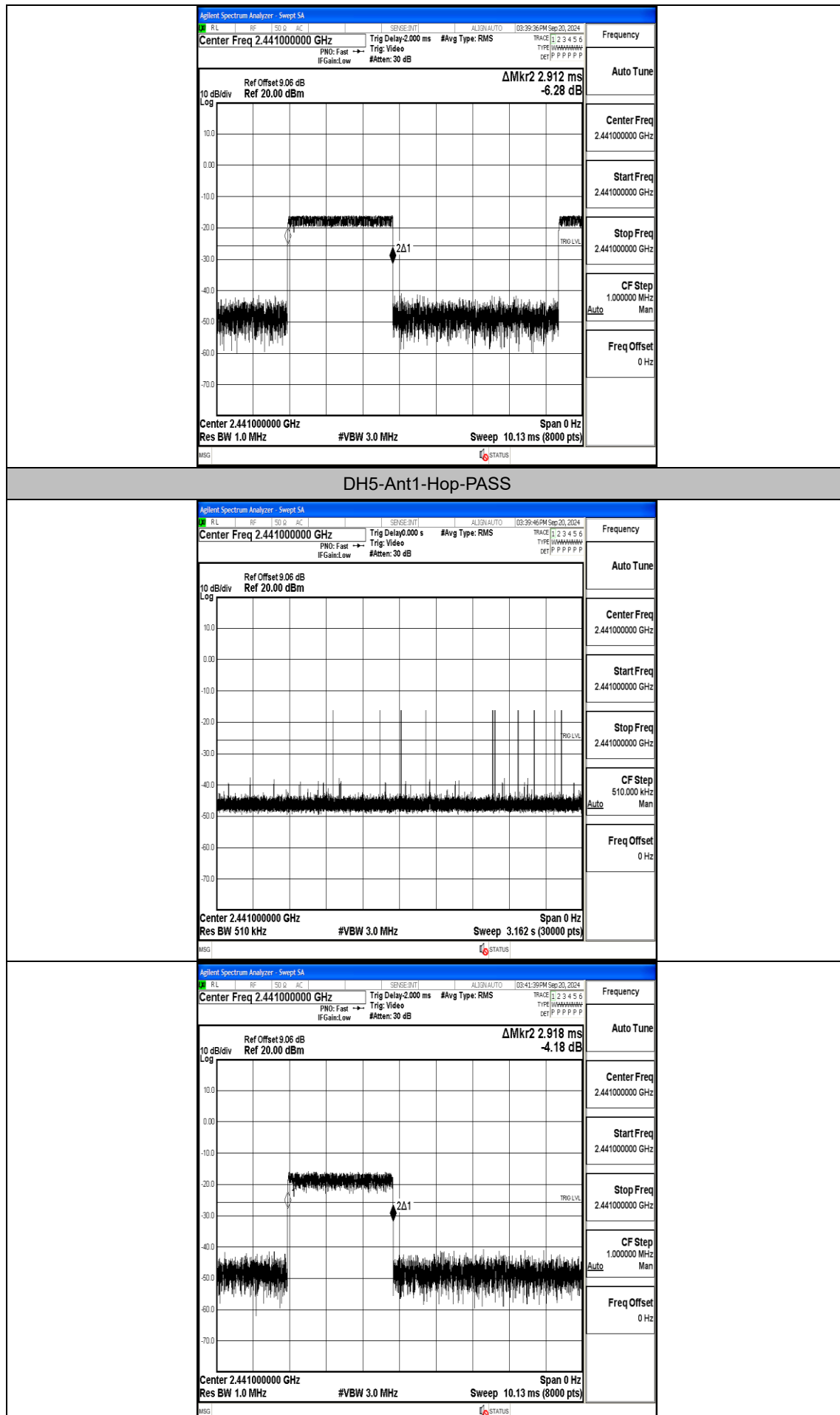


Appendix E: Time of occupancy

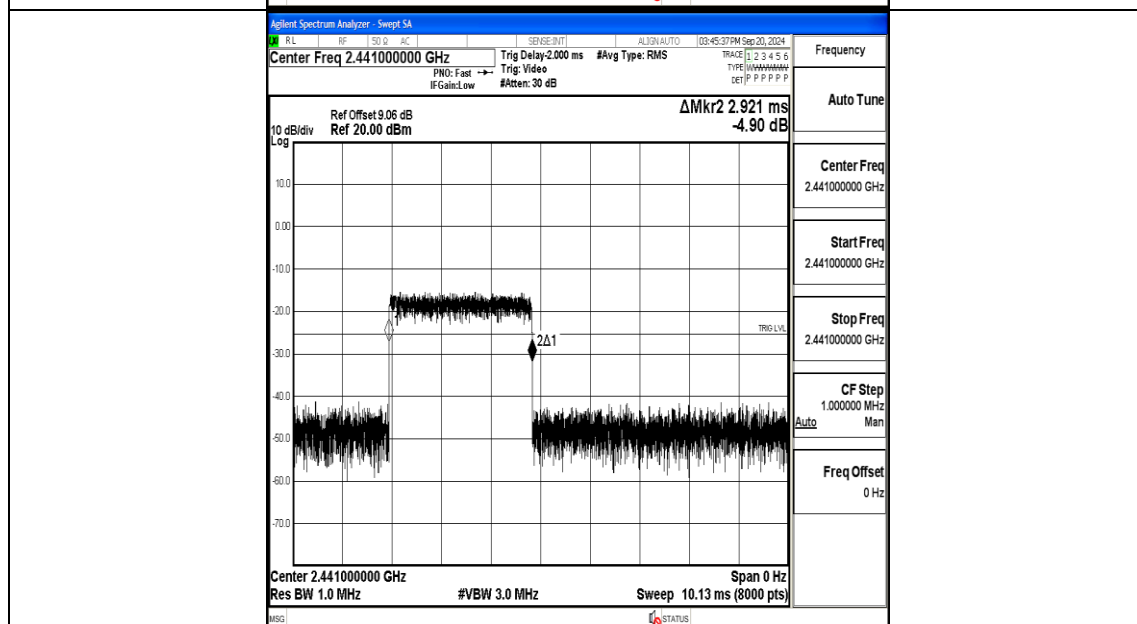
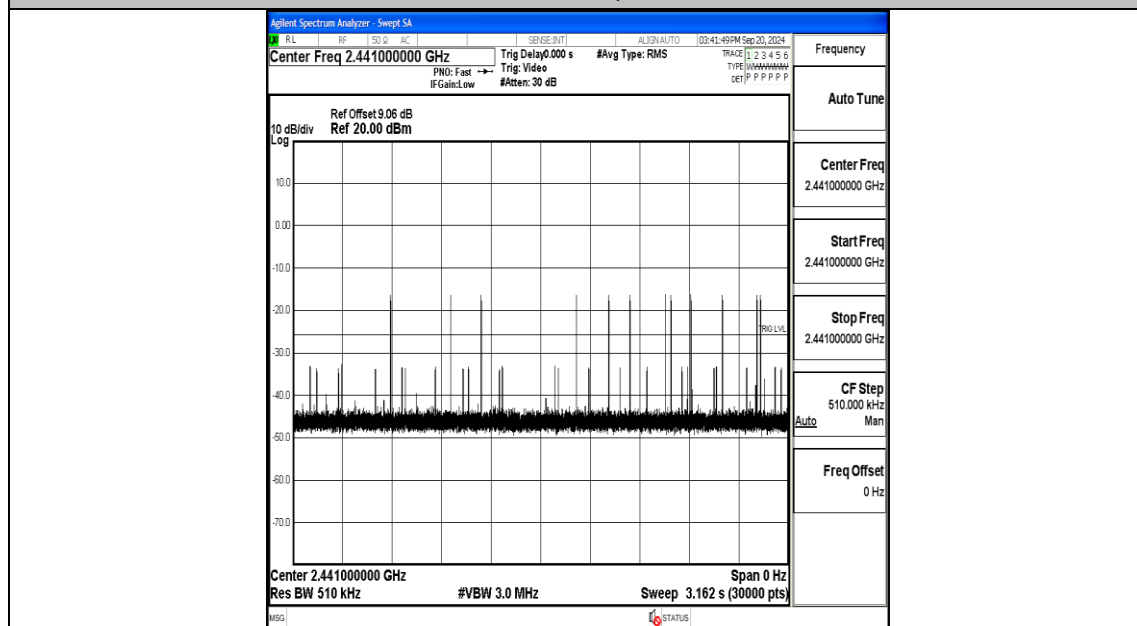
Test Result

Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	TotalHops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.912	110	0.32	≤0.4	PASS
2DH5	Ant1	Hop	2.918	130	0.379	≤0.4	PASS
3DH5	Ant1	Hop	2.921	100	0.292	≤0.4	PASS

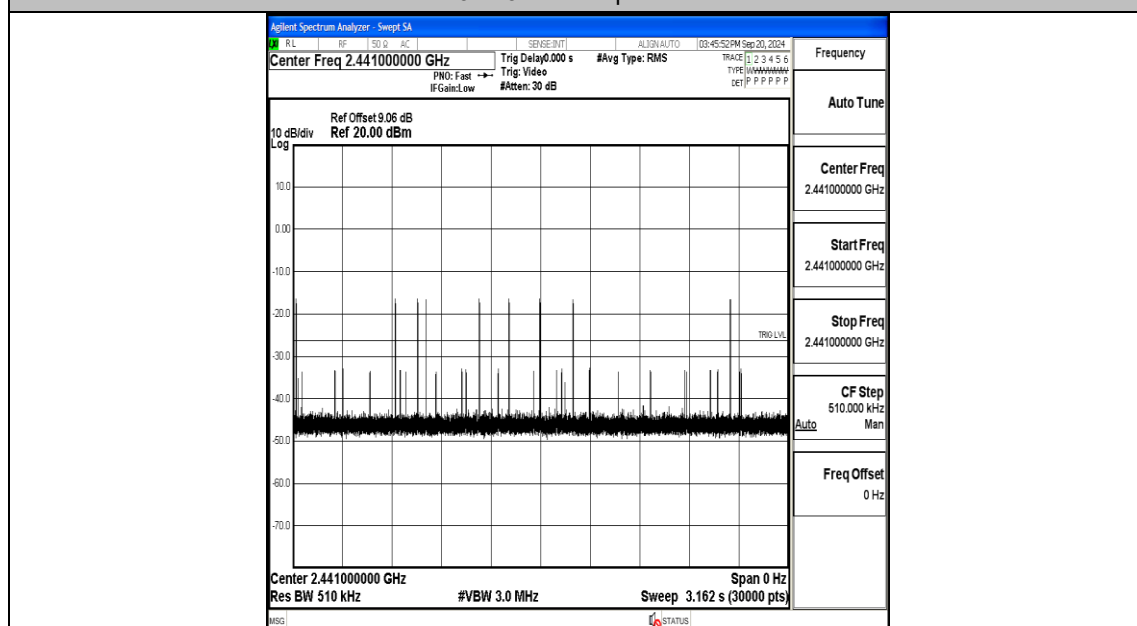
Test Graphs



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS

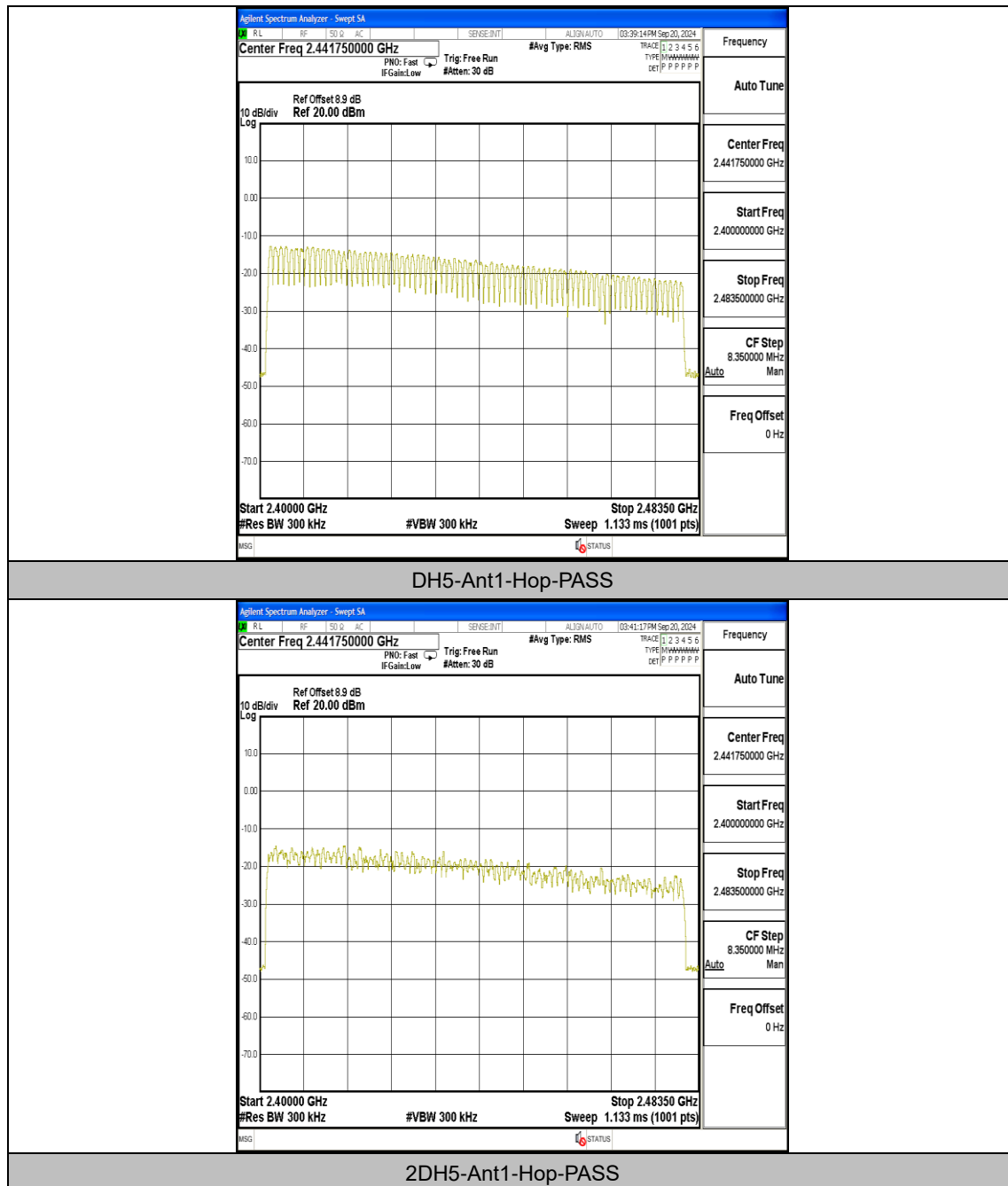


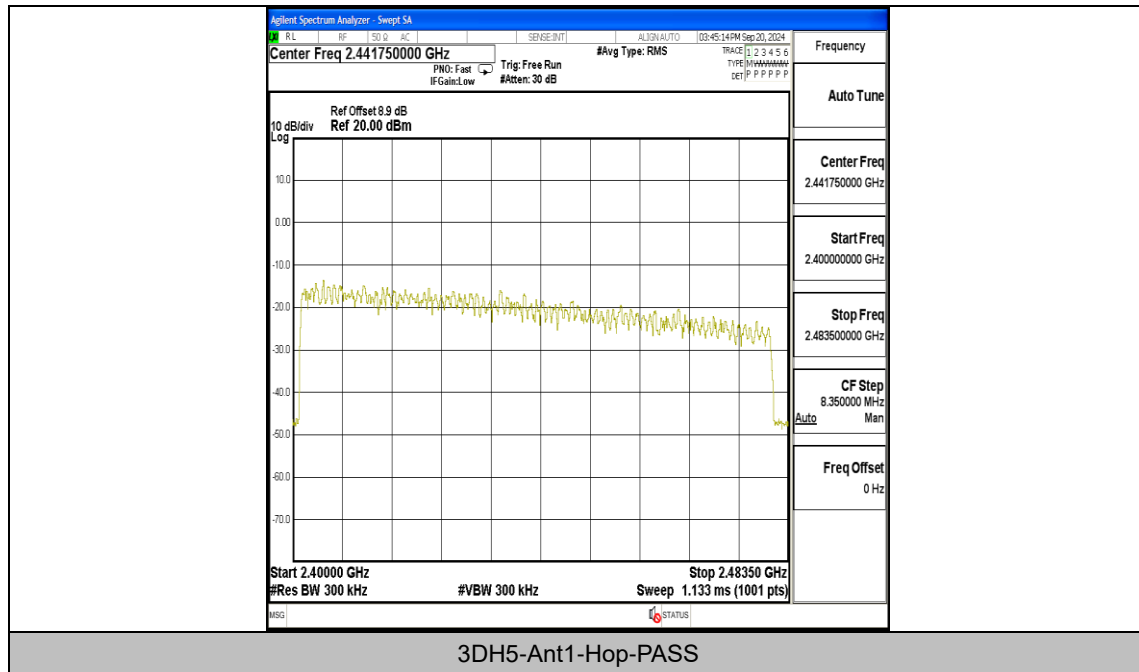
Appendix F: Number of hopping channels

Test Result

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

Test Graphs



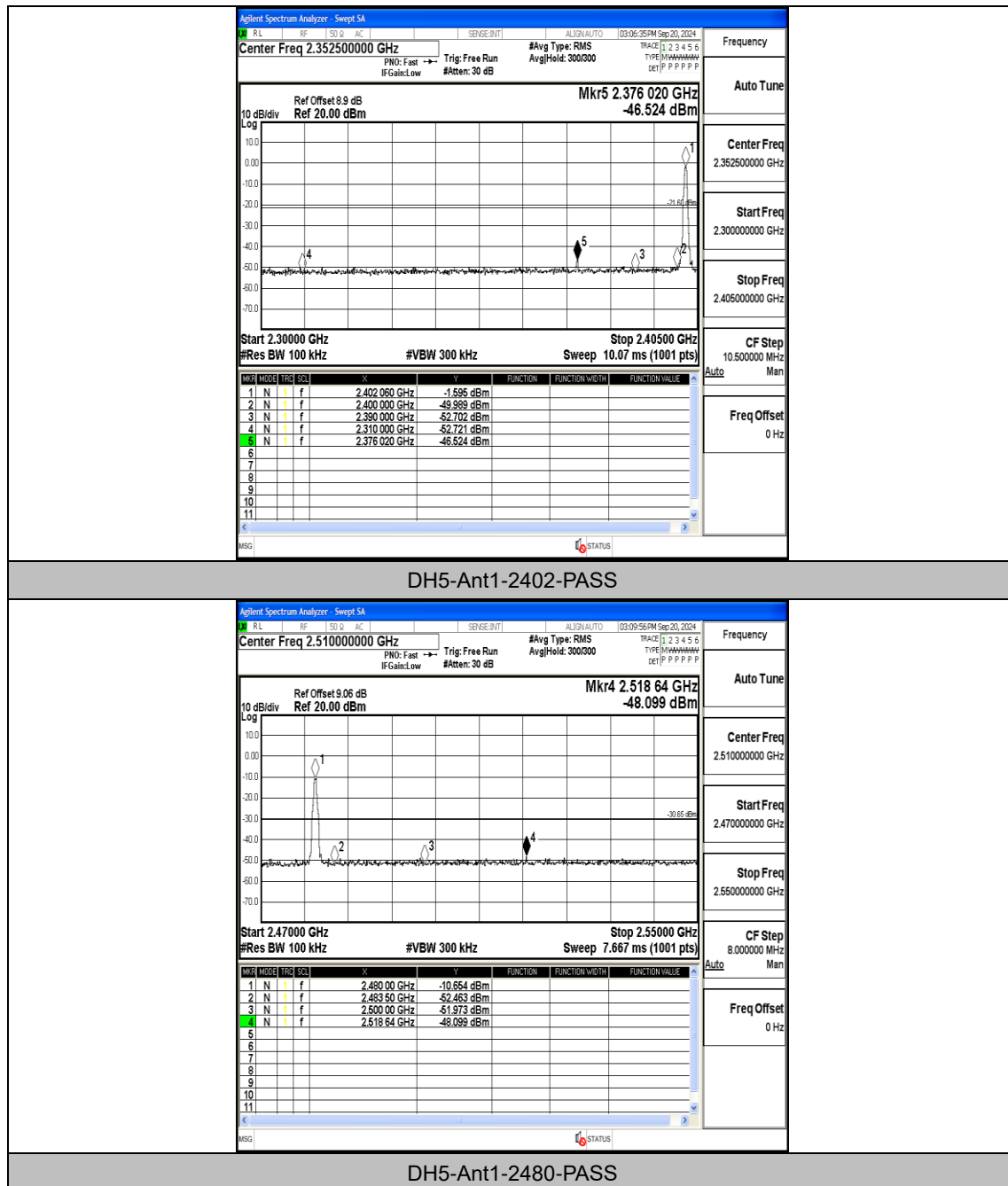


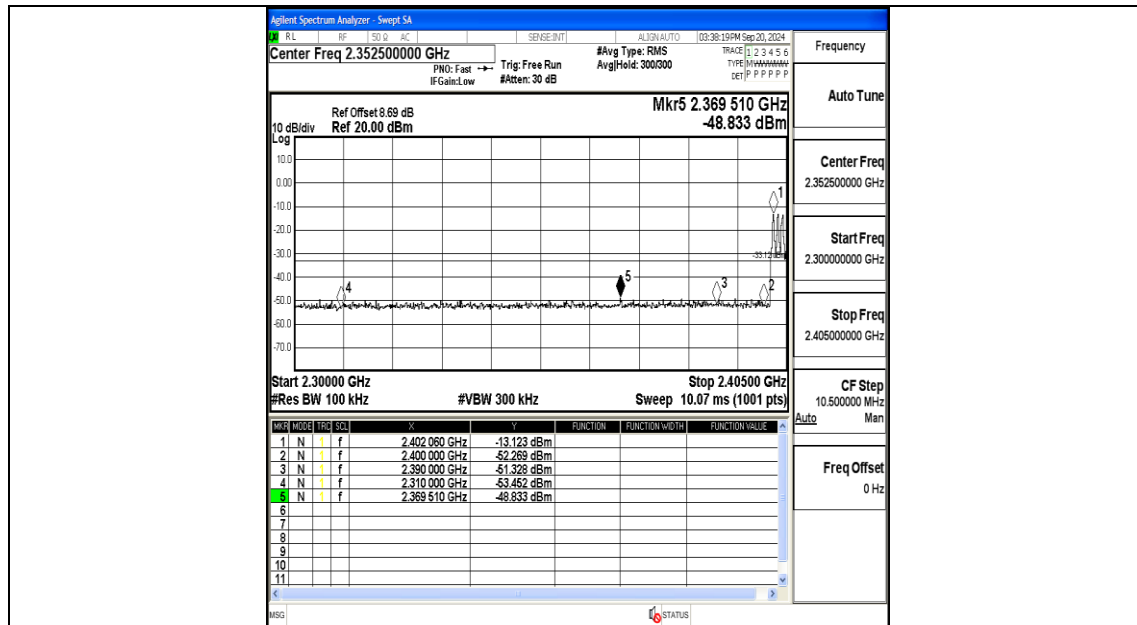
Appendix G: Band edge measurements

Test Result

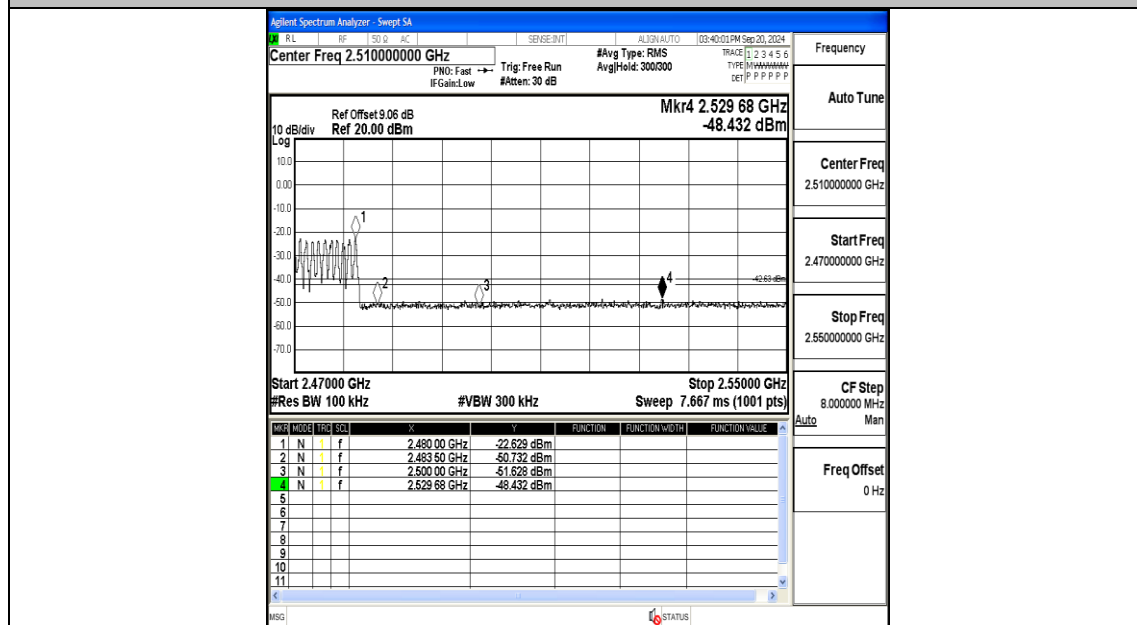
Test Mode	Antenna	Ch.Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.60	-46.52	≤ -21.6	PASS
DH5	Ant1	High	2480	-10.65	-48.1	≤ -30.65	PASS
DH5	Ant1	Low	Hop_2402	-13.12	-48.83	≤ -33.12	PASS
DH5	Ant1	High	Hop_2480	-22.63	-48.43	≤ -42.63	PASS
2DH5	Ant1	Low	2402	-2.03	-48.46	≤ -22.03	PASS
2DH5	Ant1	High	2480	-23.60	-49.03	≤ -43.6	PASS
2DH5	Ant1	Low	Hop_2402	-18.74	-49.51	≤ -38.74	PASS
2DH5	Ant1	High	Hop_2480	-23.37	-48.89	≤ -43.37	PASS
3DH5	Ant1	Low	2402	-14.14	-49.63	≤ -34.14	PASS
3DH5	Ant1	High	2480	-23.28	-48.56	≤ -43.28	PASS
3DH5	Ant1	Low	Hop_2402	-17.32	-48.65	≤ -37.32	PASS
3DH5	Ant1	High	Hop_2480	-25.39	-48.31	≤ -45.39	PASS

Test Graphs

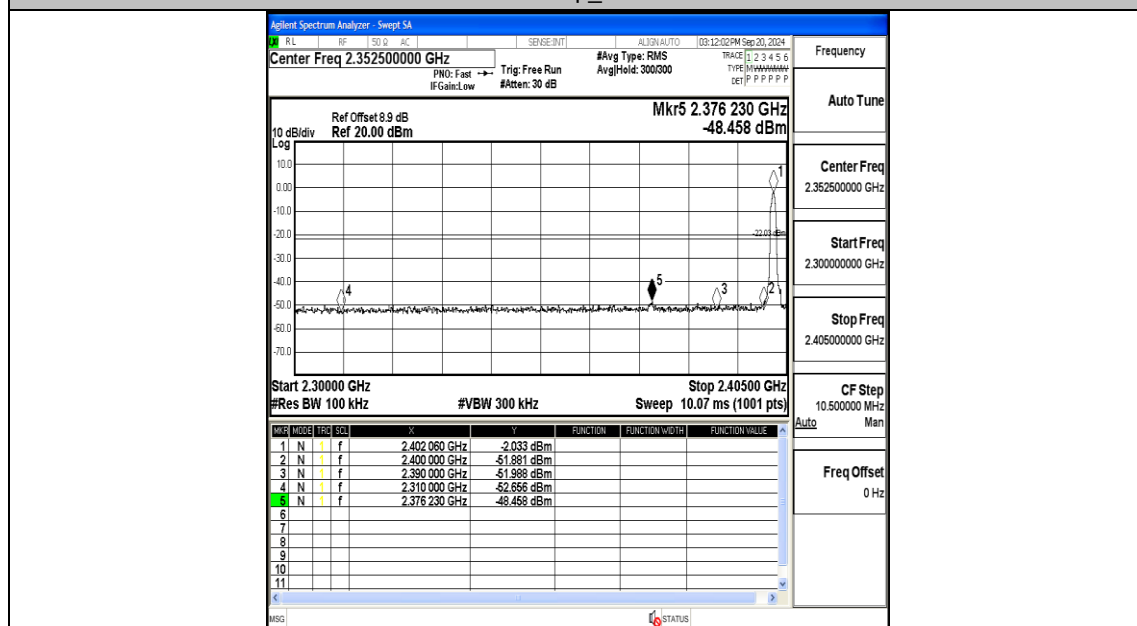




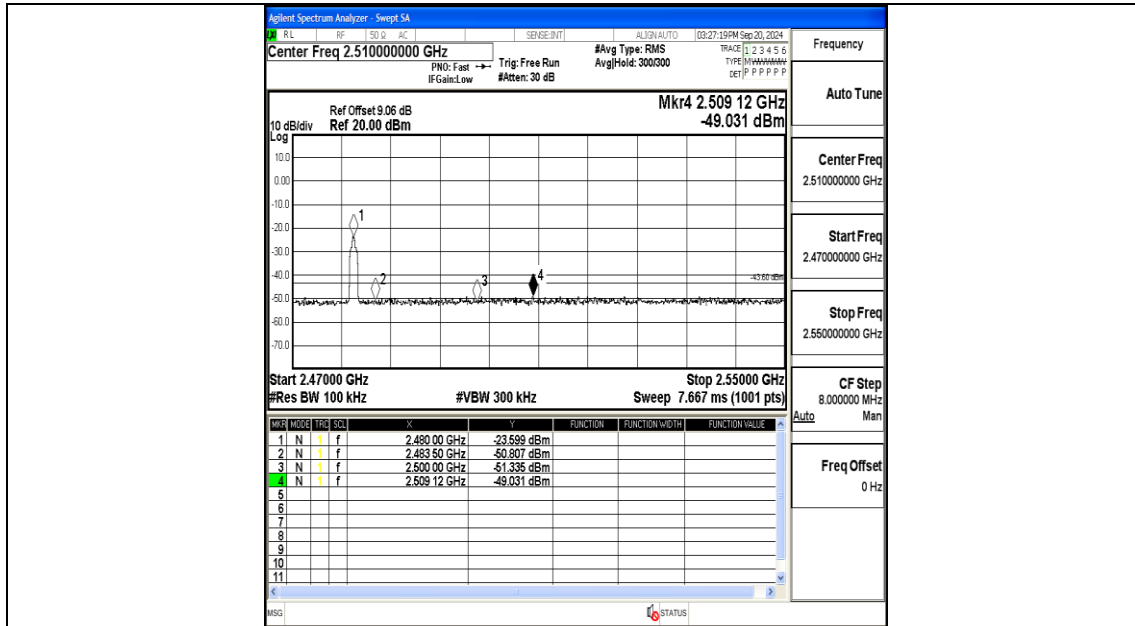
DH5-Ant1-Hop_2402-PASS



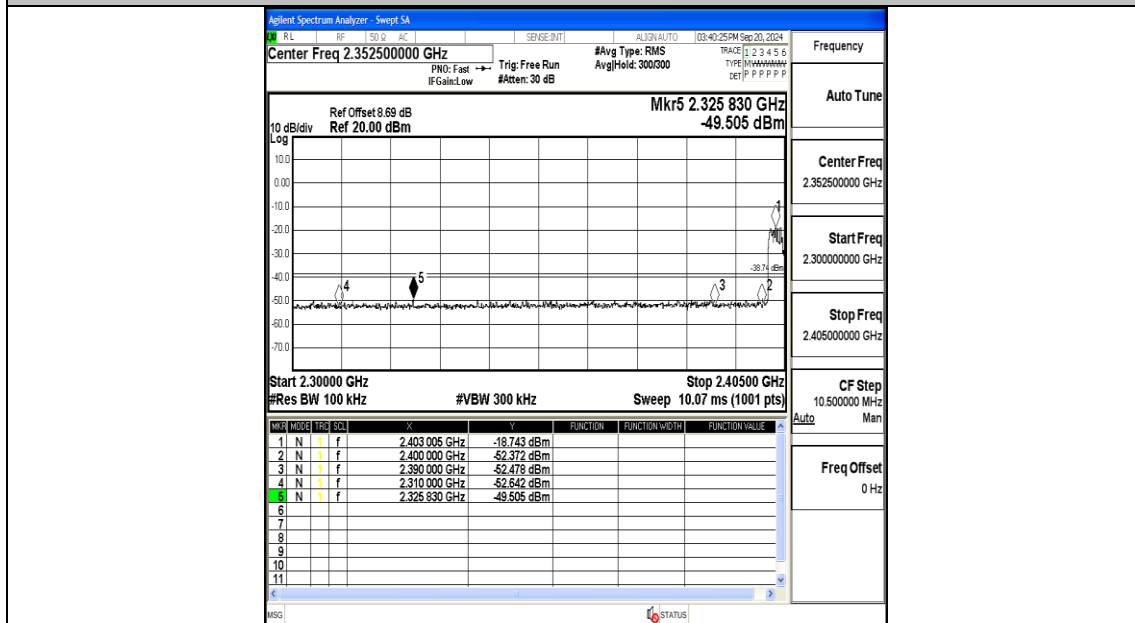
DH5-Ant1-Hop_2480-PASS



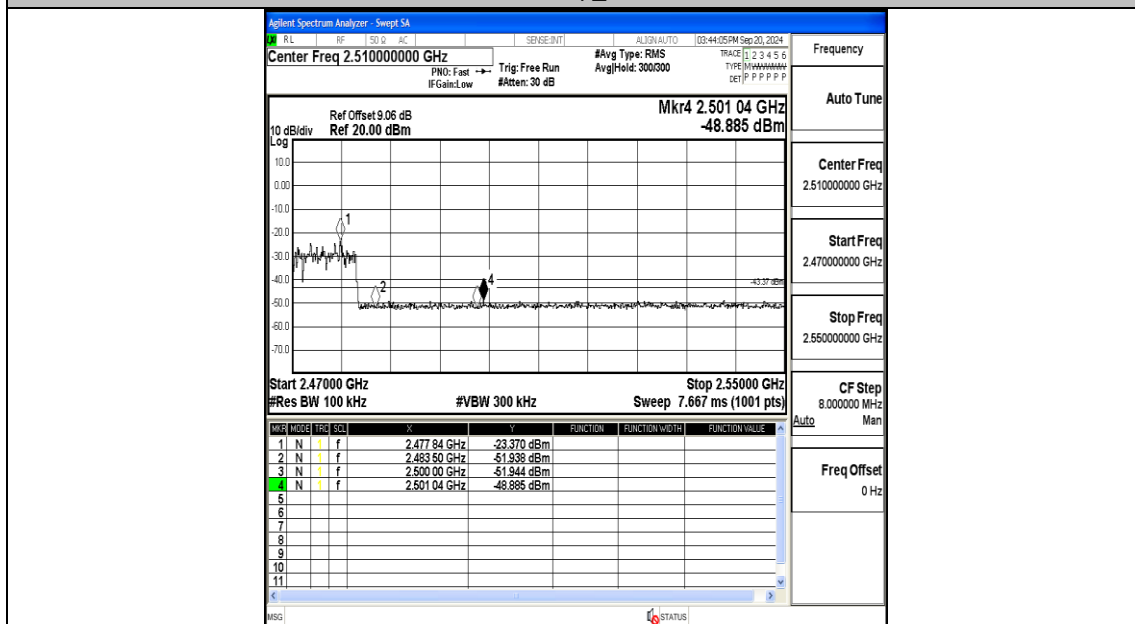
2DH5-Ant1-2402-PASS



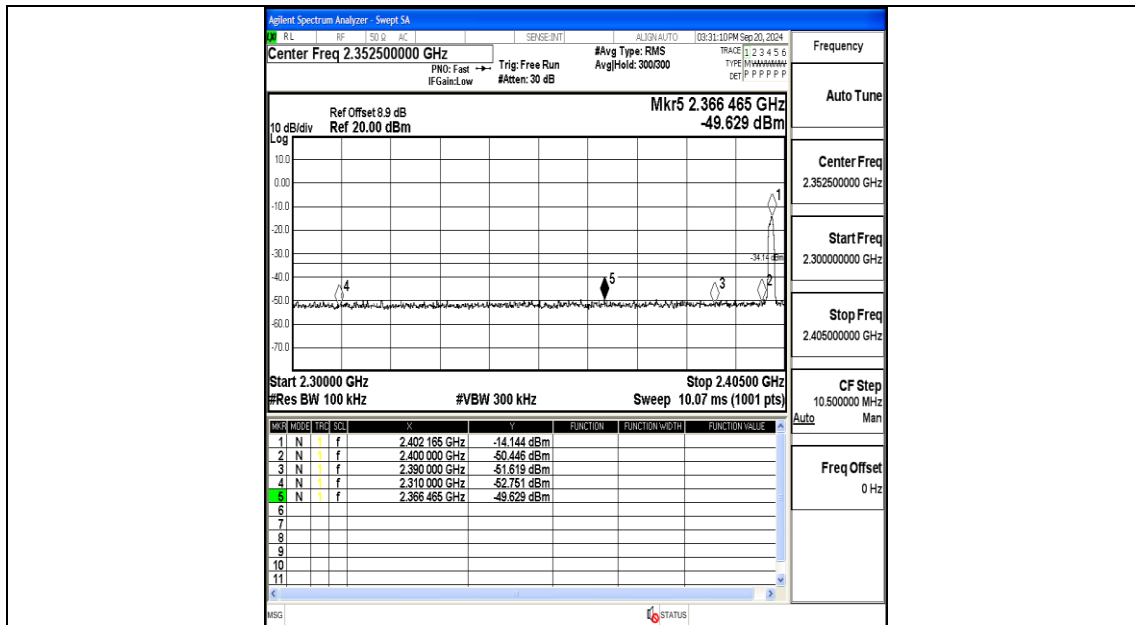
2DH5-Ant1-2480-PASS



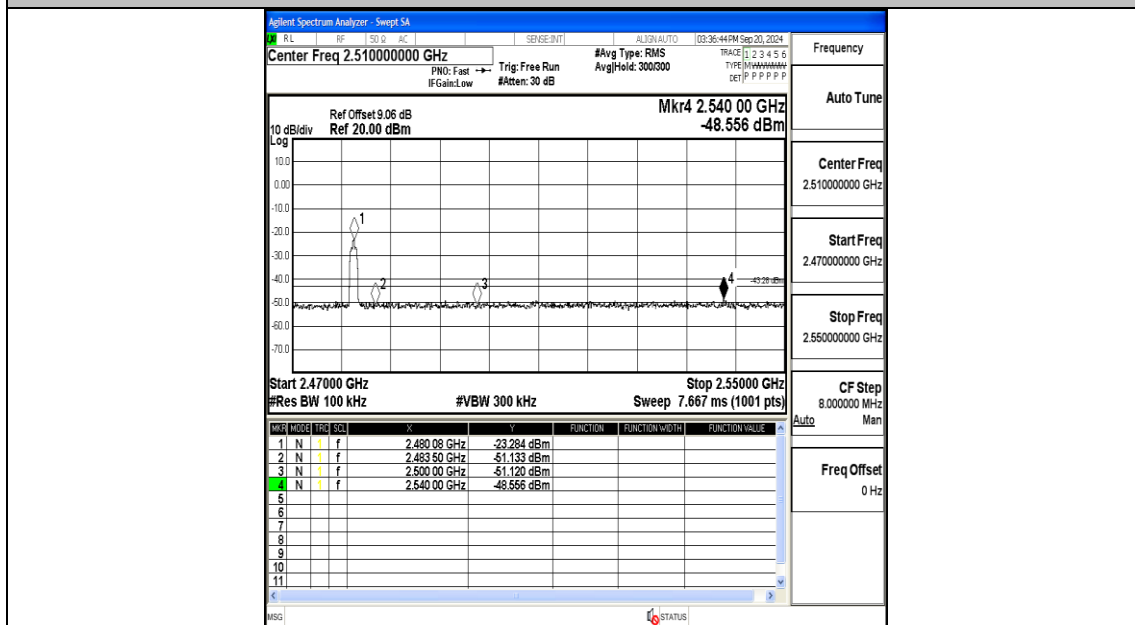
2DH5-Ant1-Hop_2402-PASS



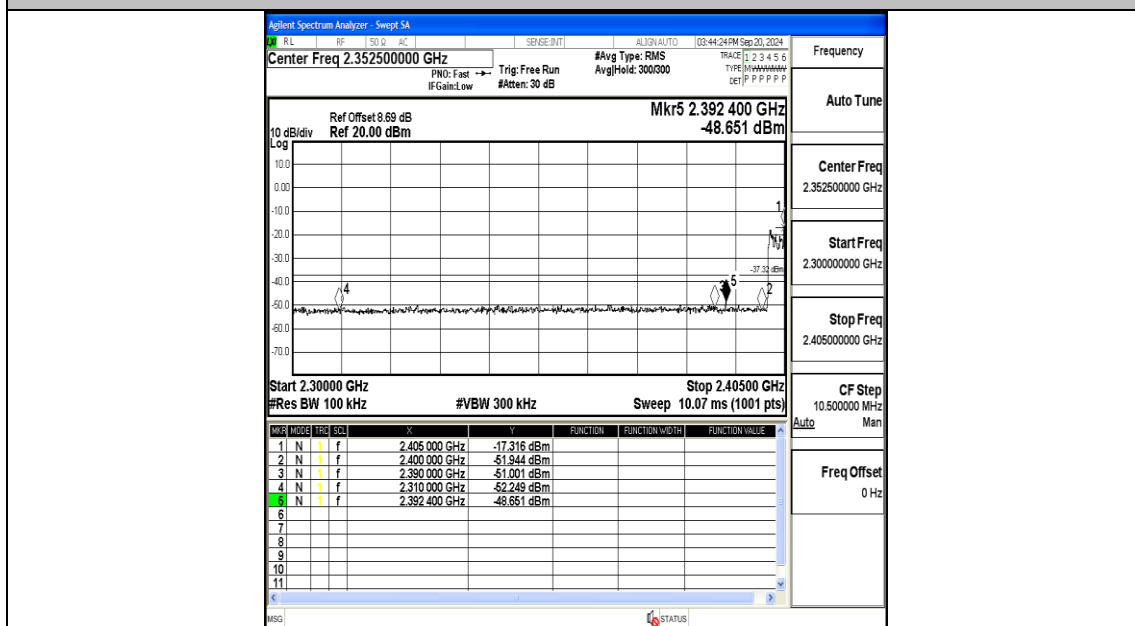
2DH5-Ant1-Hop_2480-PASS



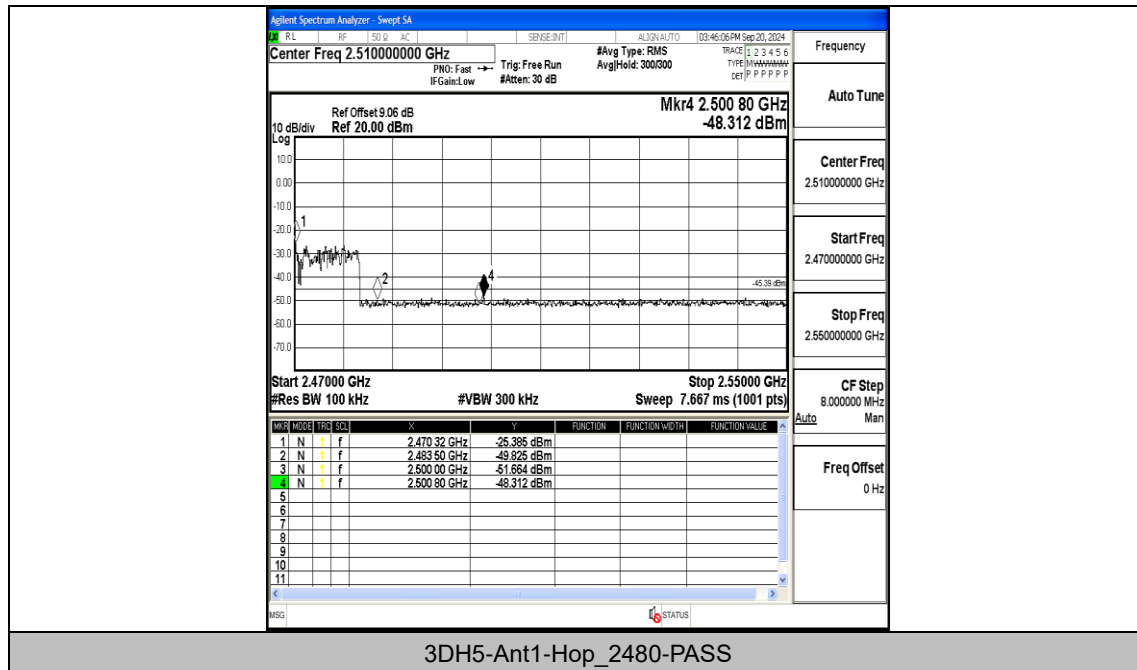
3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS

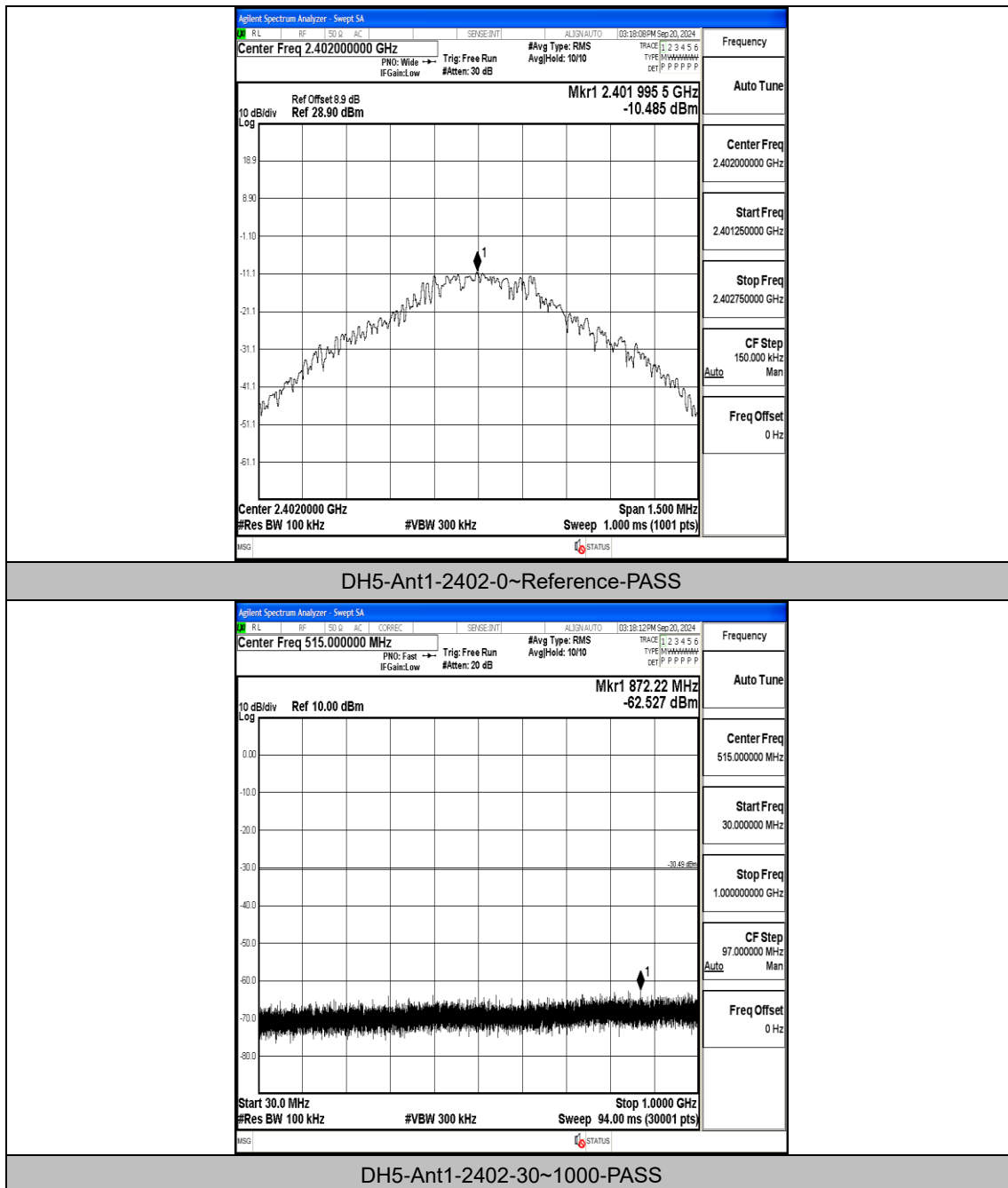


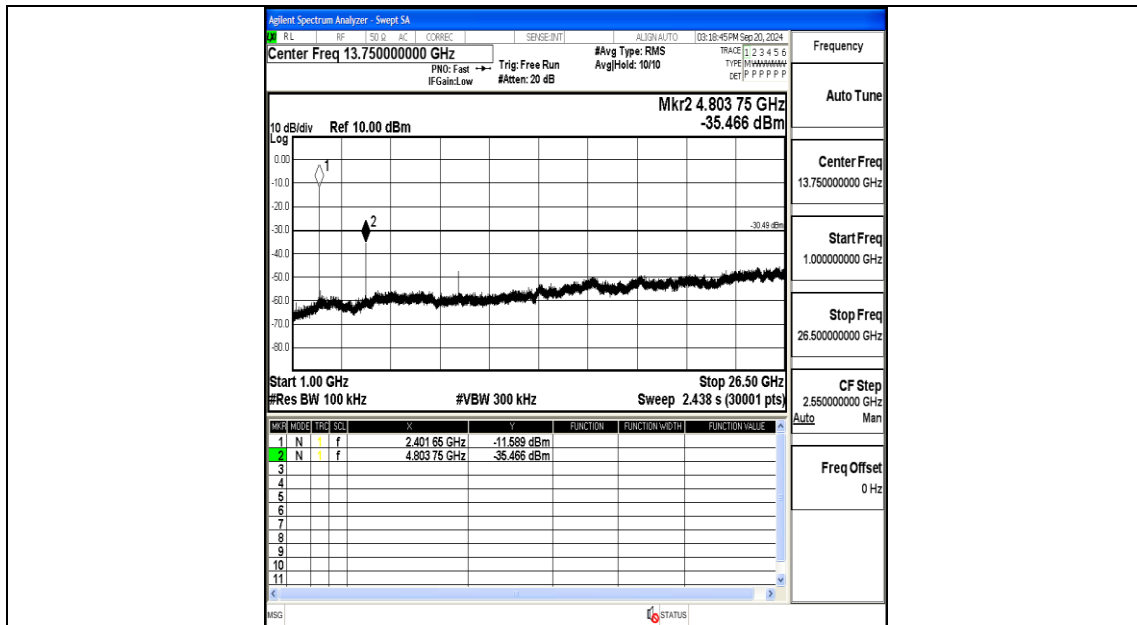
Appendix H: Conducted Spurious Emission

Test Result

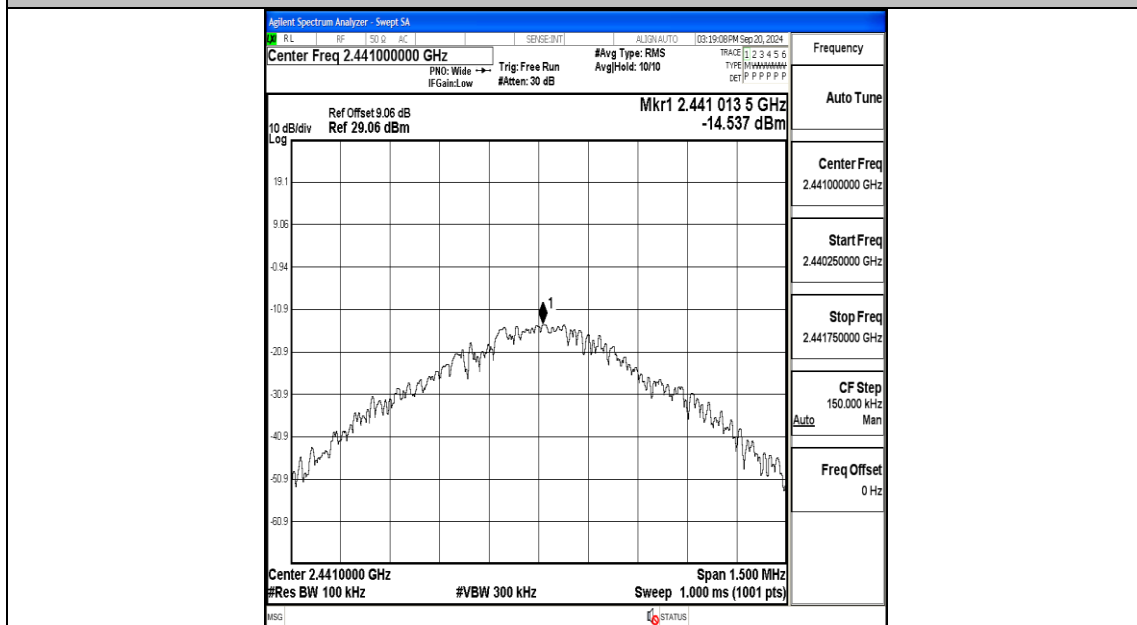
Test Mode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-10.49	-10.49	---	PASS
DH5	Ant1	2402	30~1000	-10.49	-62.53	≤-30.49	PASS
DH5	Ant1	2402	1000~26500	-10.49	-35.47	≤-30.49	PASS
DH5	Ant1	2441	0~Reference	-14.54	-14.54	---	PASS
DH5	Ant1	2441	30~1000	-14.54	-56.8	≤-34.54	PASS
DH5	Ant1	2441	1000~26500	-14.54	-38.69	≤-34.54	PASS
DH5	Ant1	2480	0~Reference	-13.30	-13.30	---	PASS
DH5	Ant1	2480	30~1000	-13.30	-62.85	≤-33.3	PASS
DH5	Ant1	2480	1000~26500	-13.30	-44.22	≤-33.3	PASS
2DH5	Ant1	2402	0~Reference	-14.03	-14.03	---	PASS
2DH5	Ant1	2402	30~1000	-14.03	-62.62	≤-34.03	PASS
2DH5	Ant1	2402	1000~26500	-14.03	-44.3	≤-34.03	PASS
2DH5	Ant1	2441	0~Reference	-19.03	-19.03	---	PASS
2DH5	Ant1	2441	30~1000	-19.03	-61.8	≤-39.03	PASS
2DH5	Ant1	2441	1000~26500	-19.03	-45.48	≤-39.03	PASS
2DH5	Ant1	2480	0~Reference	-14.63	-14.63	---	PASS
2DH5	Ant1	2480	30~1000	-14.63	-62.34	≤-34.63	PASS
2DH5	Ant1	2480	1000~26500	-14.63	-45.01	≤-34.63	PASS
3DH5	Ant1	2402	0~Reference	-16.72	-16.72	---	PASS
3DH5	Ant1	2402	30~1000	-16.72	-62.72	≤-36.72	PASS
3DH5	Ant1	2402	1000~26500	-16.72	-43.94	≤-36.72	PASS
3DH5	Ant1	2441	0~Reference	-19.72	-19.72	---	PASS
3DH5	Ant1	2441	30~1000	-19.72	-62.72	≤-39.72	PASS
3DH5	Ant1	2441	1000~26500	-19.72	-44.83	≤-39.72	PASS
3DH5	Ant1	2480	0~Reference	-14.68	-14.68	---	PASS
3DH5	Ant1	2480	30~1000	-14.68	-62.87	≤-34.68	PASS
3DH5	Ant1	2480	1000~26500	-14.68	-44.44	≤-34.68	PASS

Test Graphs

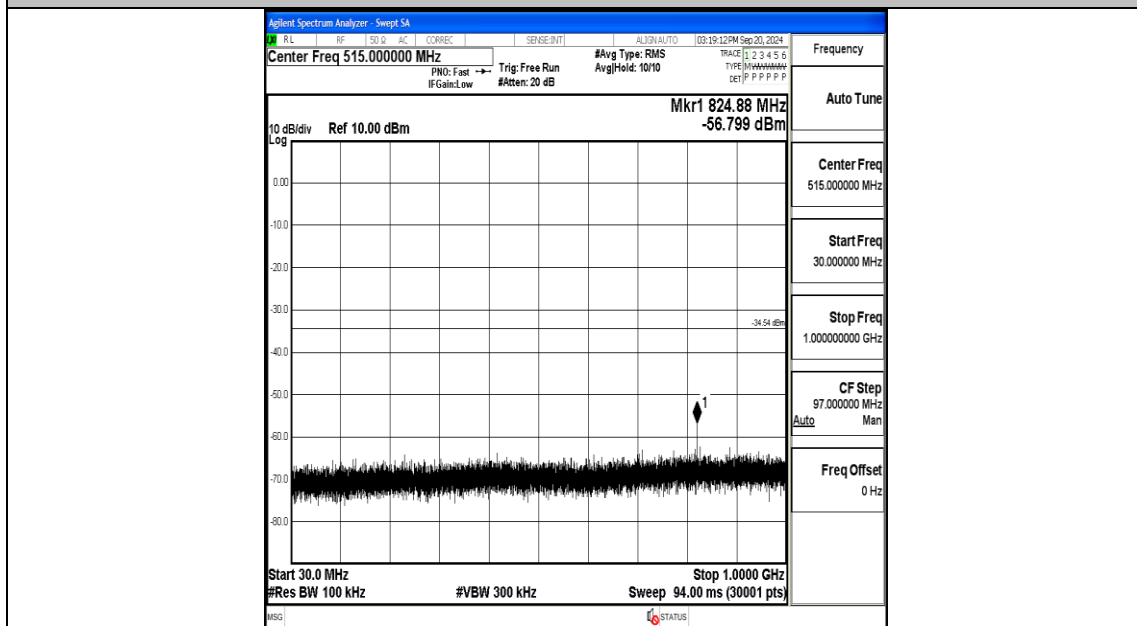




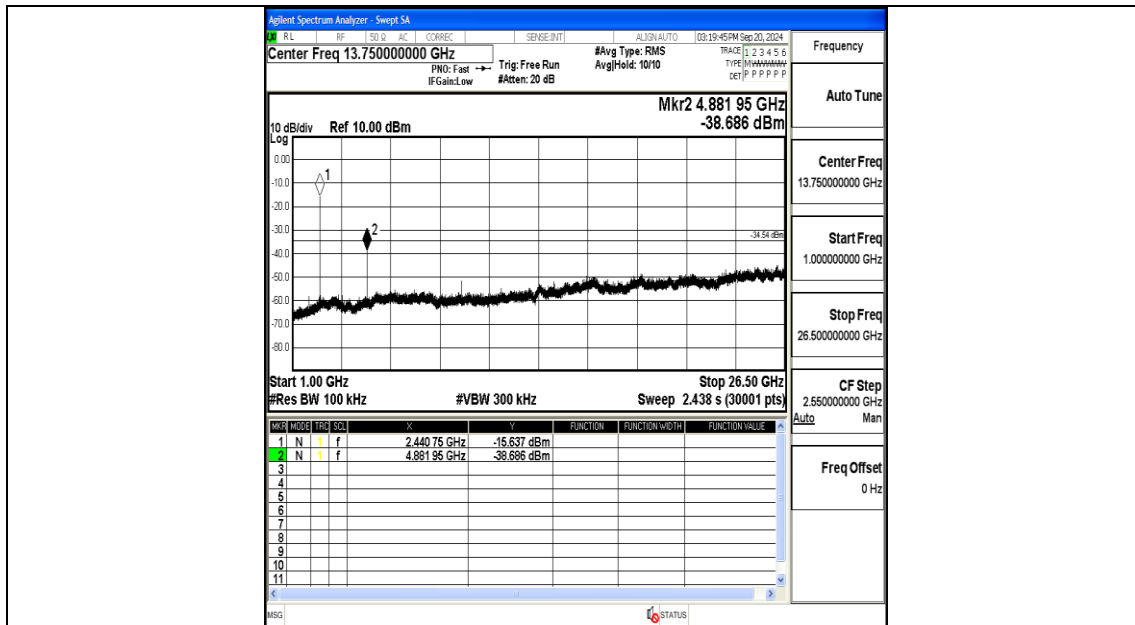
DH5-Ant1-2402-1000~26500-PASS



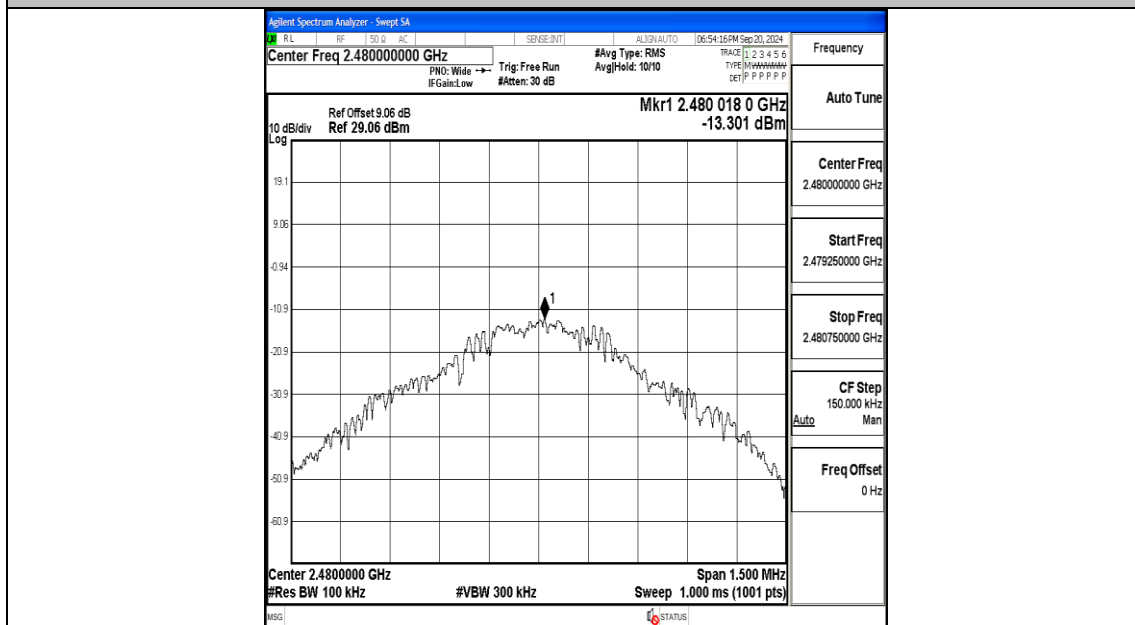
DH5-Ant1-2441-0~Reference-PASS



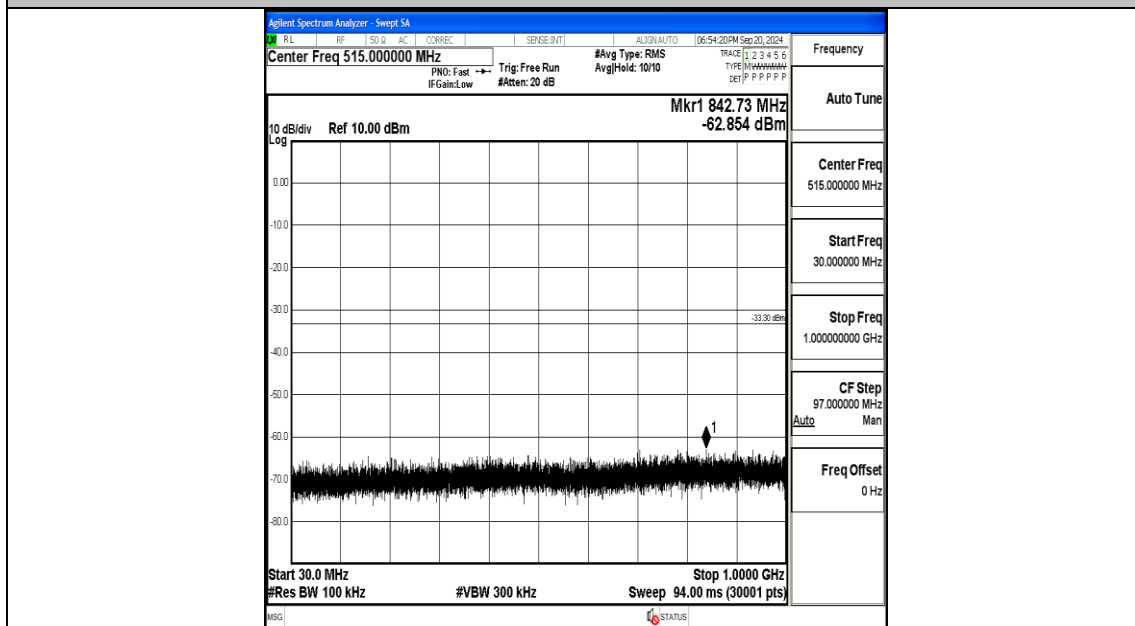
DH5-Ant1-2441-30~1000-PASS



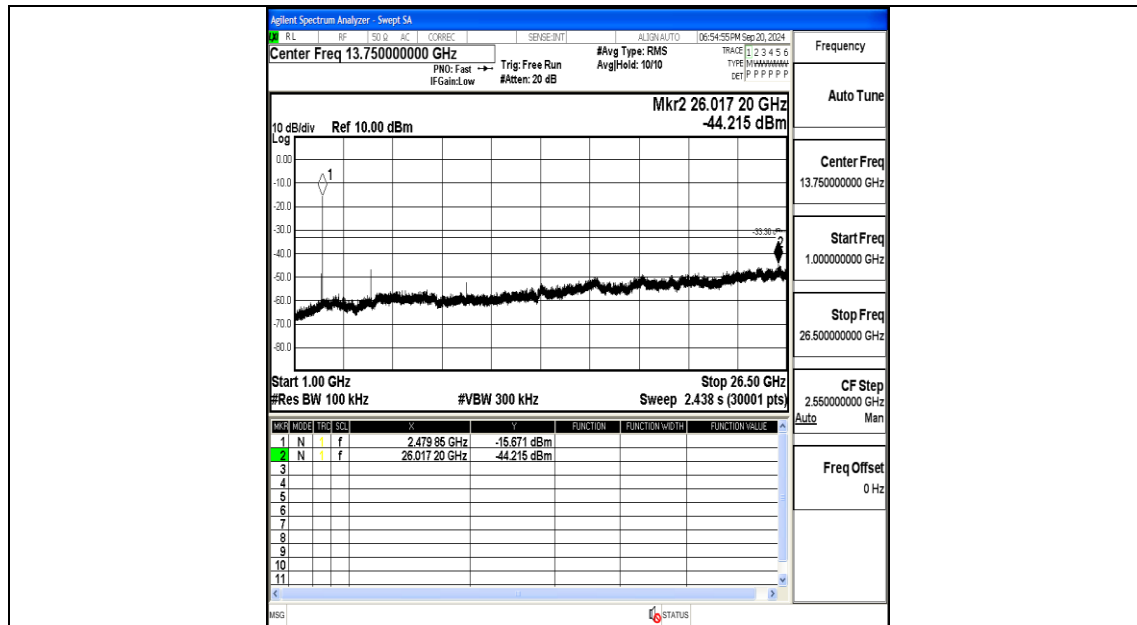
DH5-Ant1-2441-1000~26500-PASS



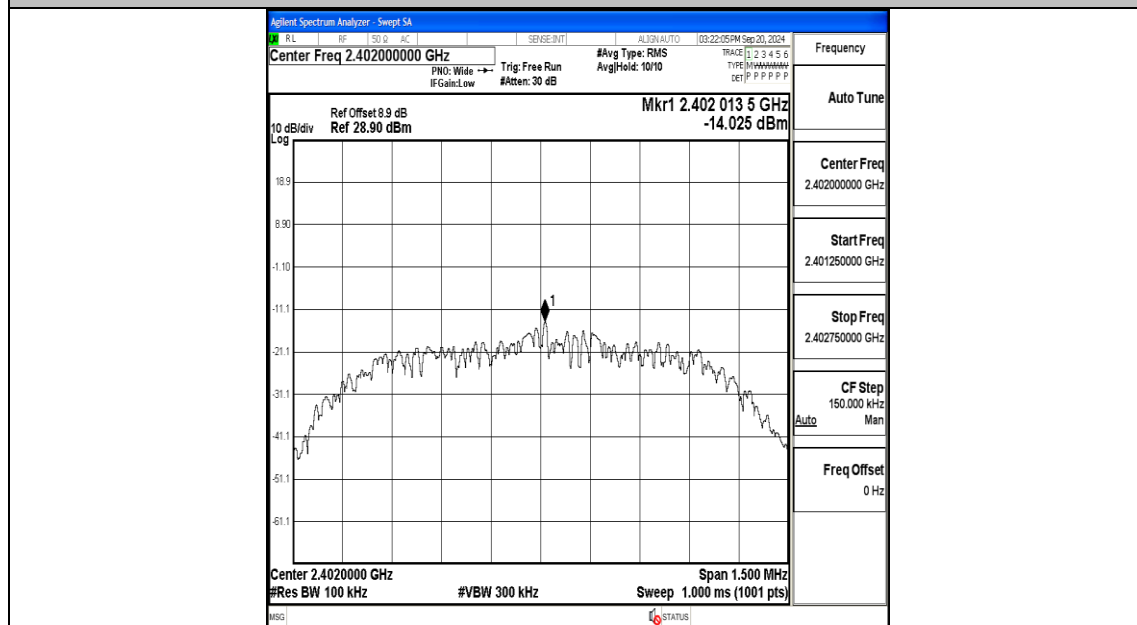
DH5-Ant1-2480-0~Reference-PASS



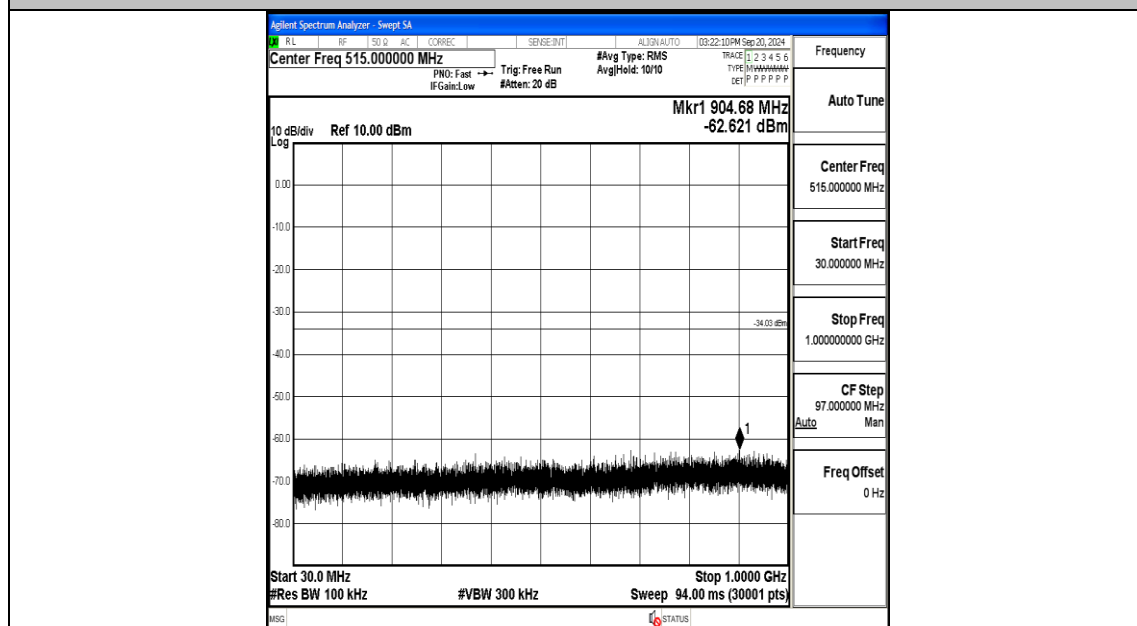
DH5-Ant1-2480-30~1000-PASS



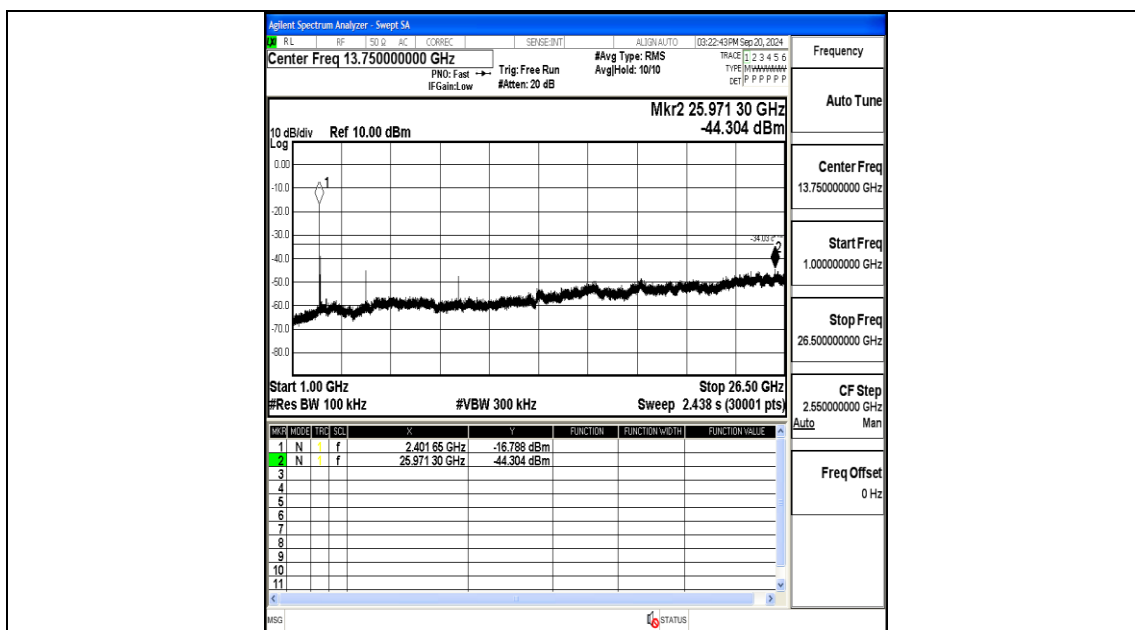
DH5-Ant1-2480-1000~26500-PASS



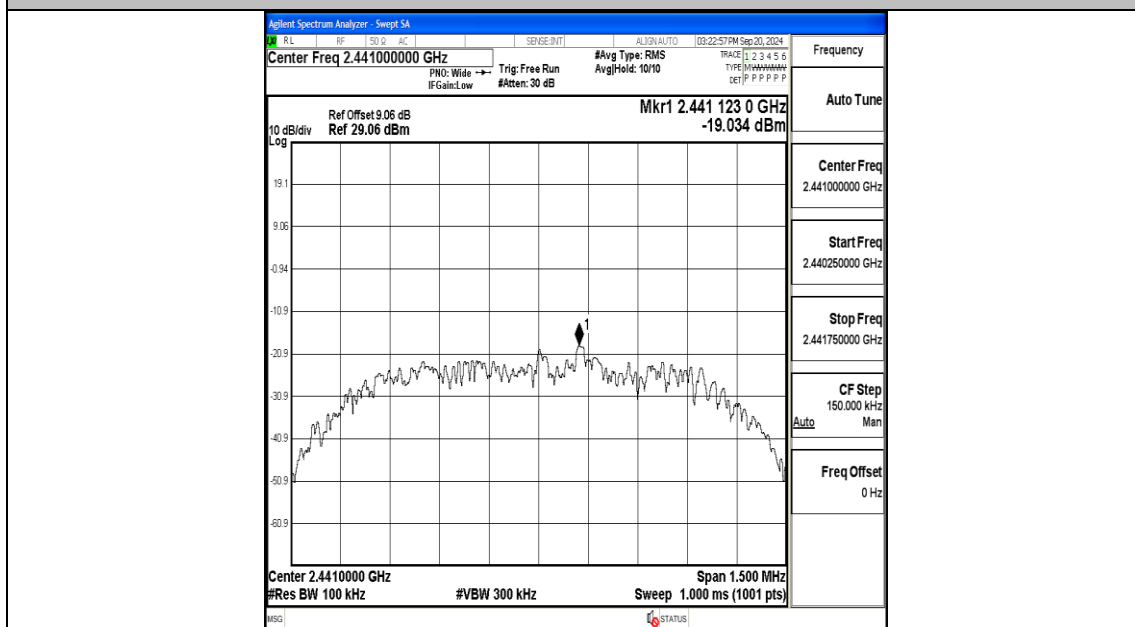
2DH5-Ant1-2402-0~Reference-PASS



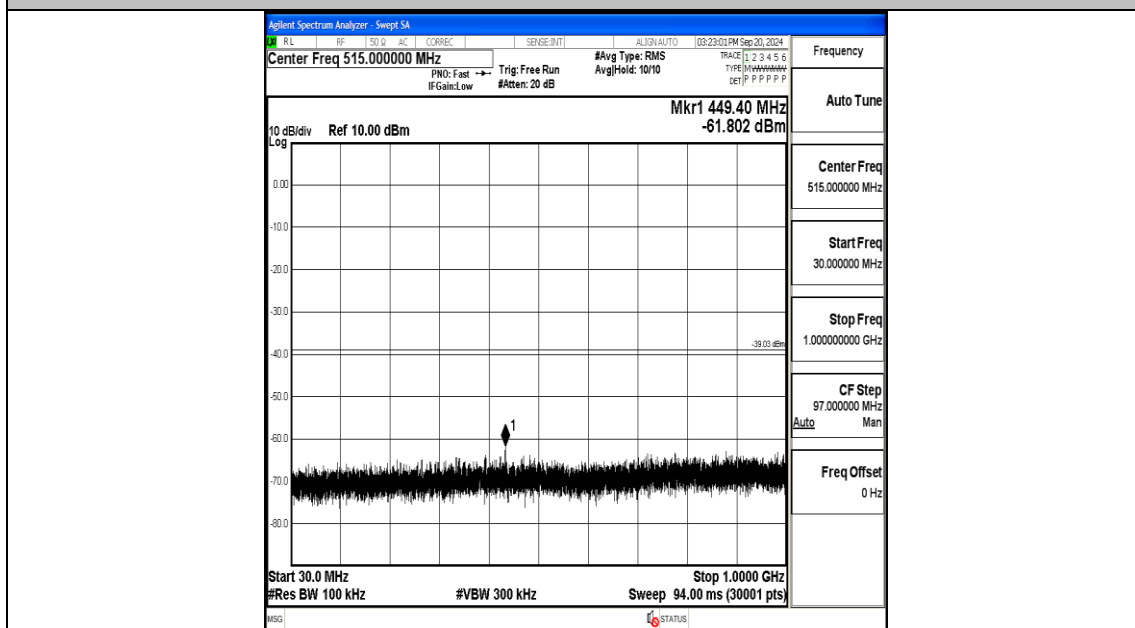
2DH5-Ant1-2402-30~1000-PASS



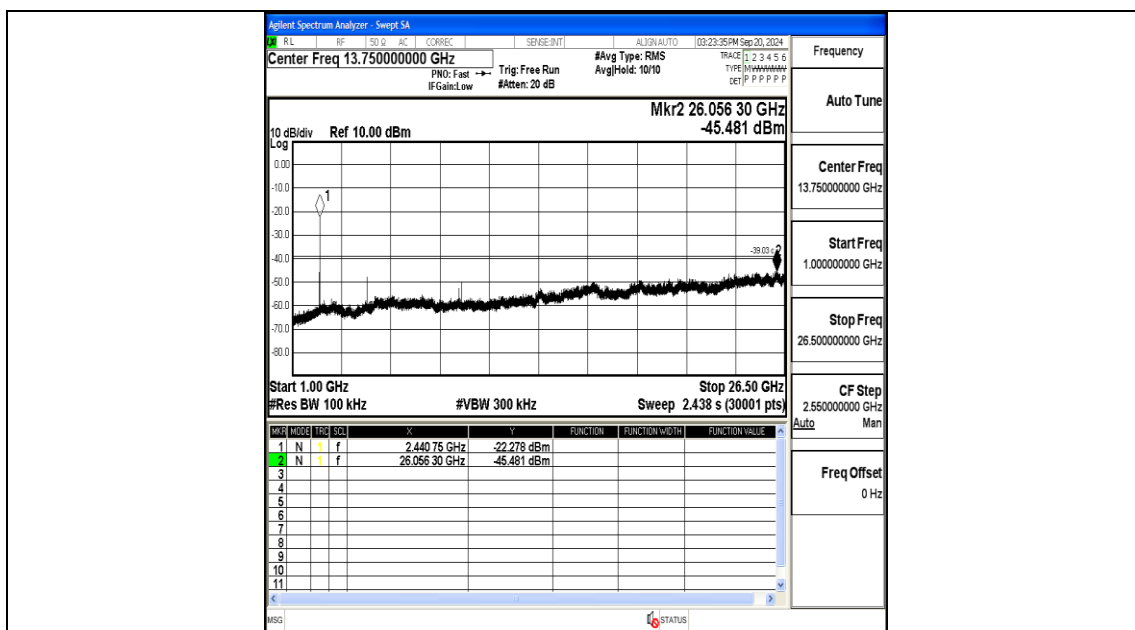
2DH5-Ant1-2402-1000~26500-PASS



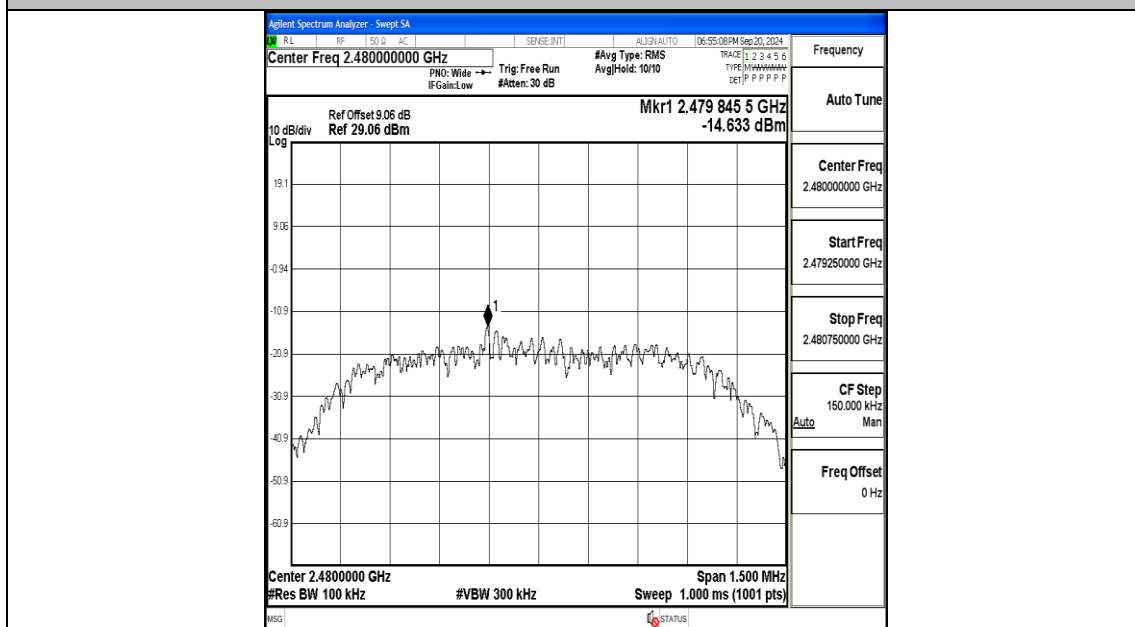
2DH5-Ant1-2441-0~Reference-PASS



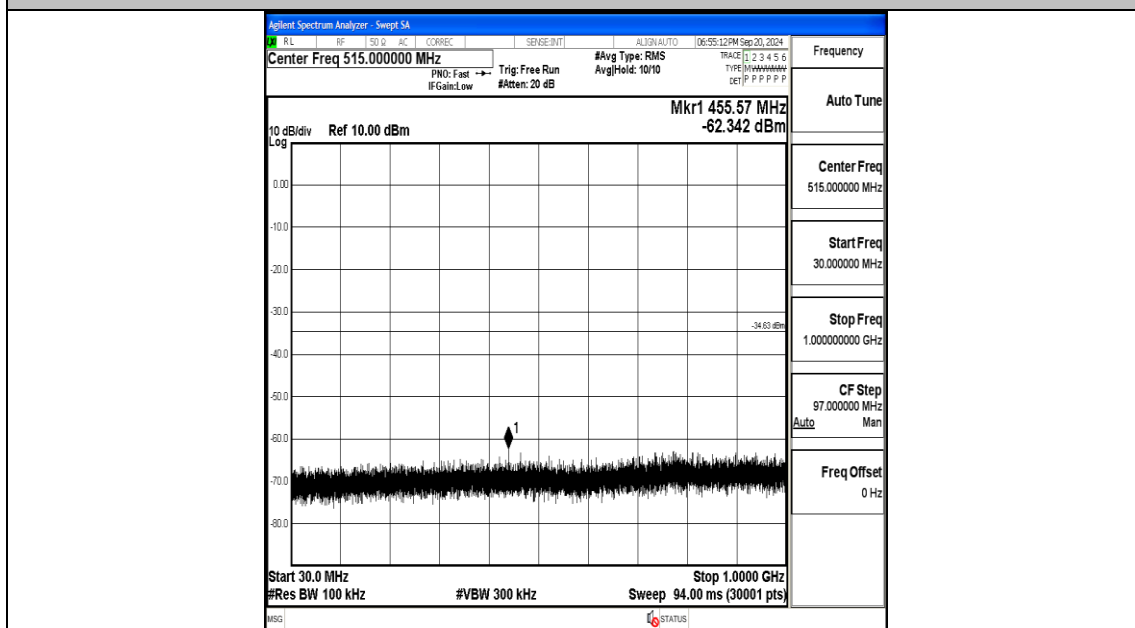
2DH5-Ant1-2441-30~1000-PASS



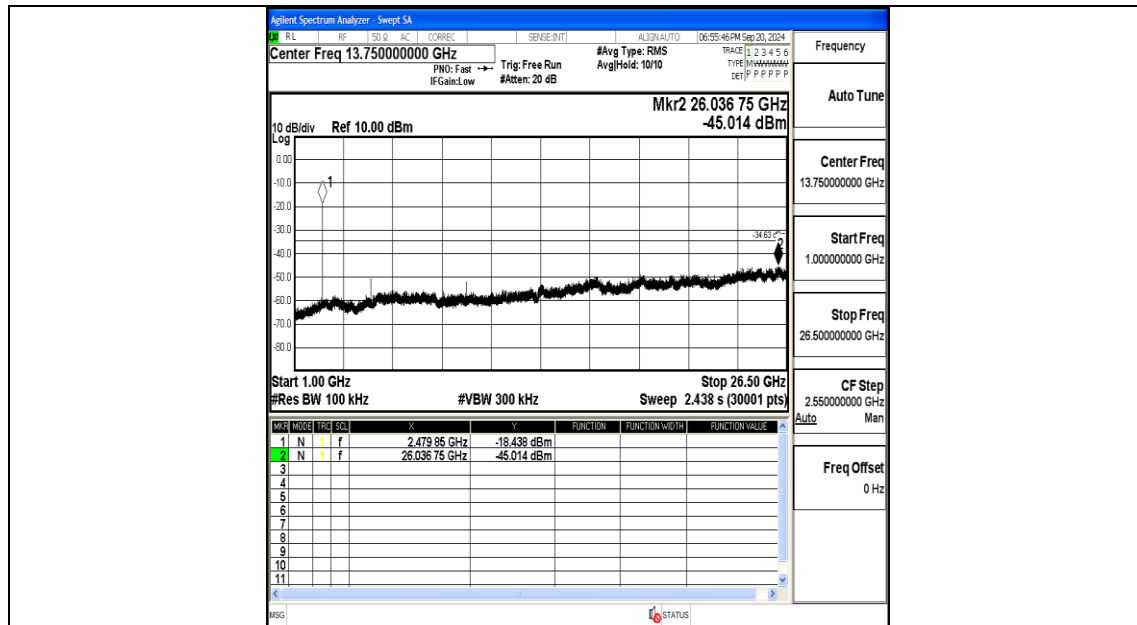
2DH5-Ant1-2441-1000~26500-PASS



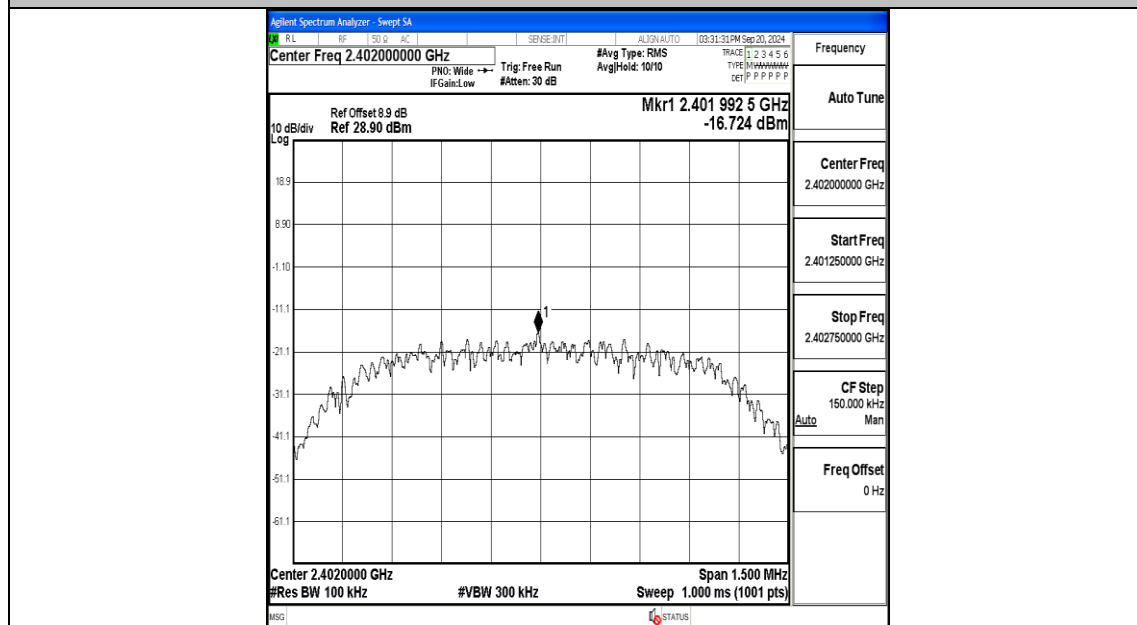
2DH5-Ant1-2480-0~Reference-PASS



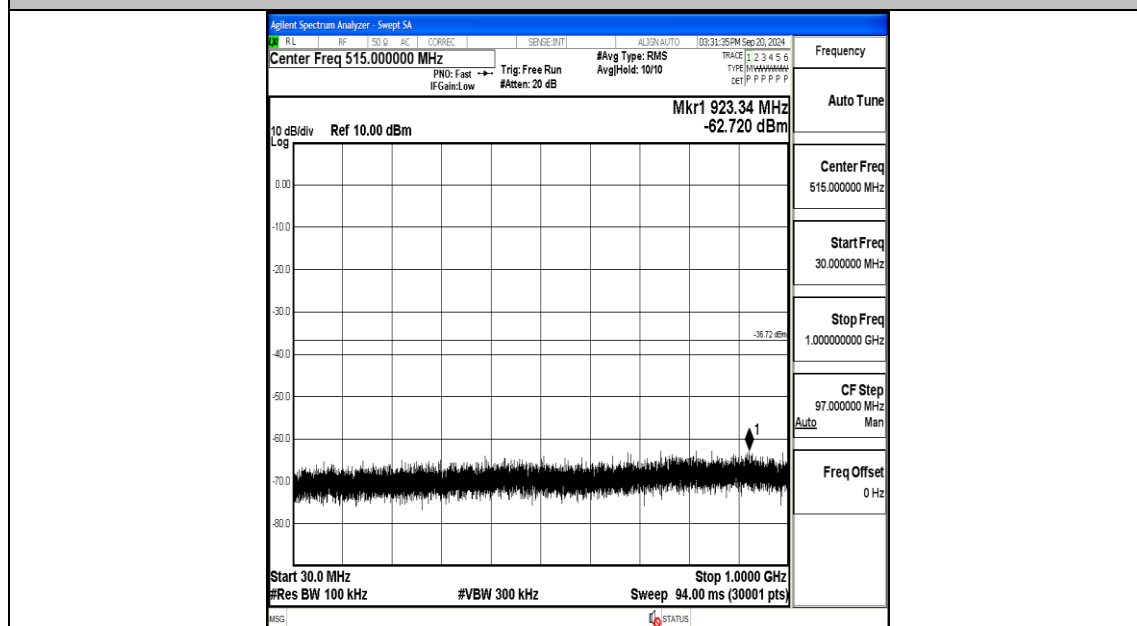
2DH5-Ant1-2480-30~1000-PASS



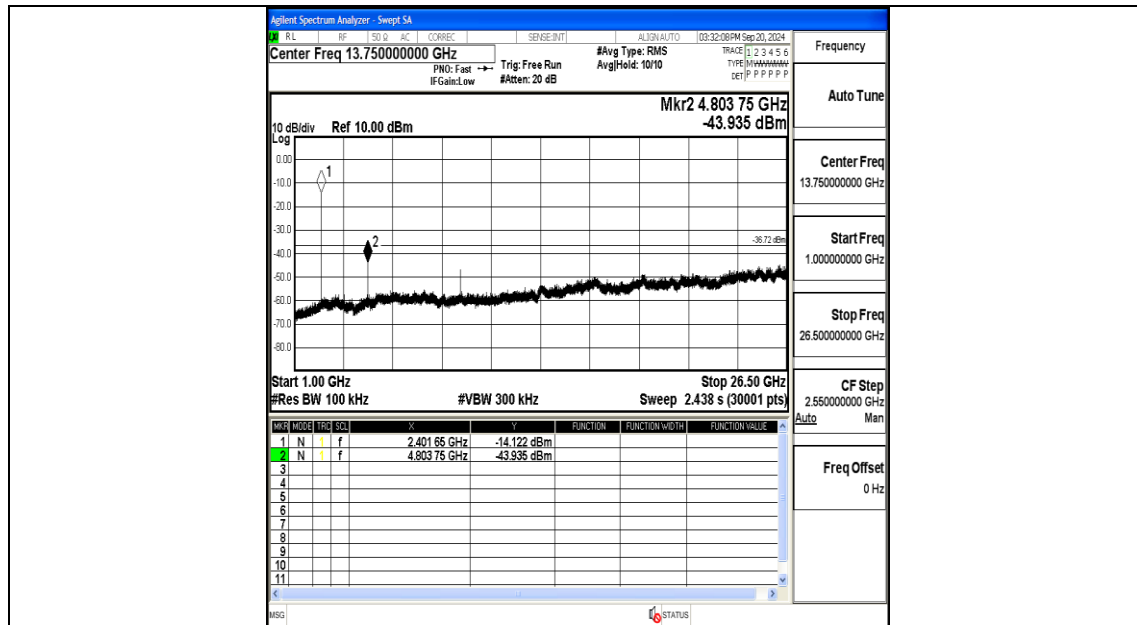
2DH5-Ant1-2480-1000~26500-PASS



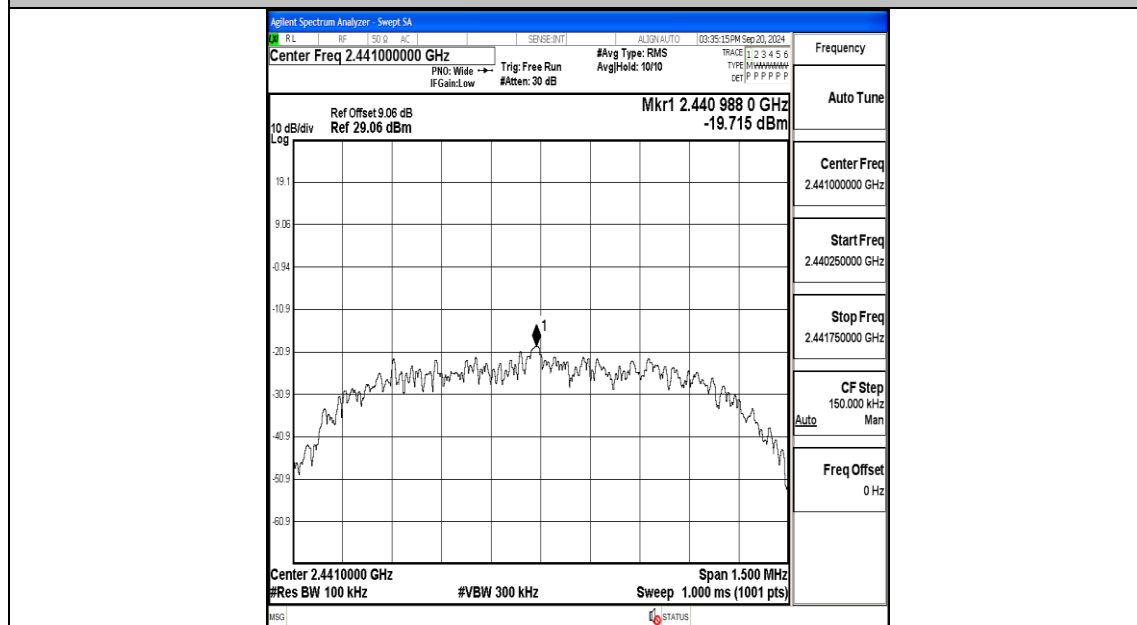
3DH5-Ant1-2402-0~Reference-PASS



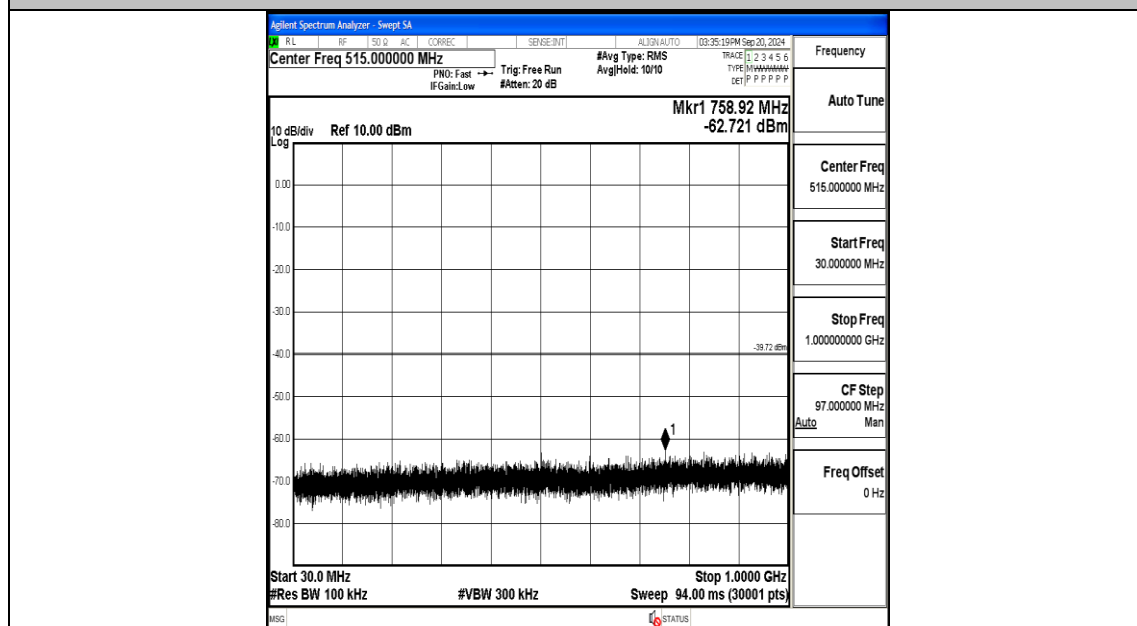
3DH5-Ant1-2402-30~1000-PASS



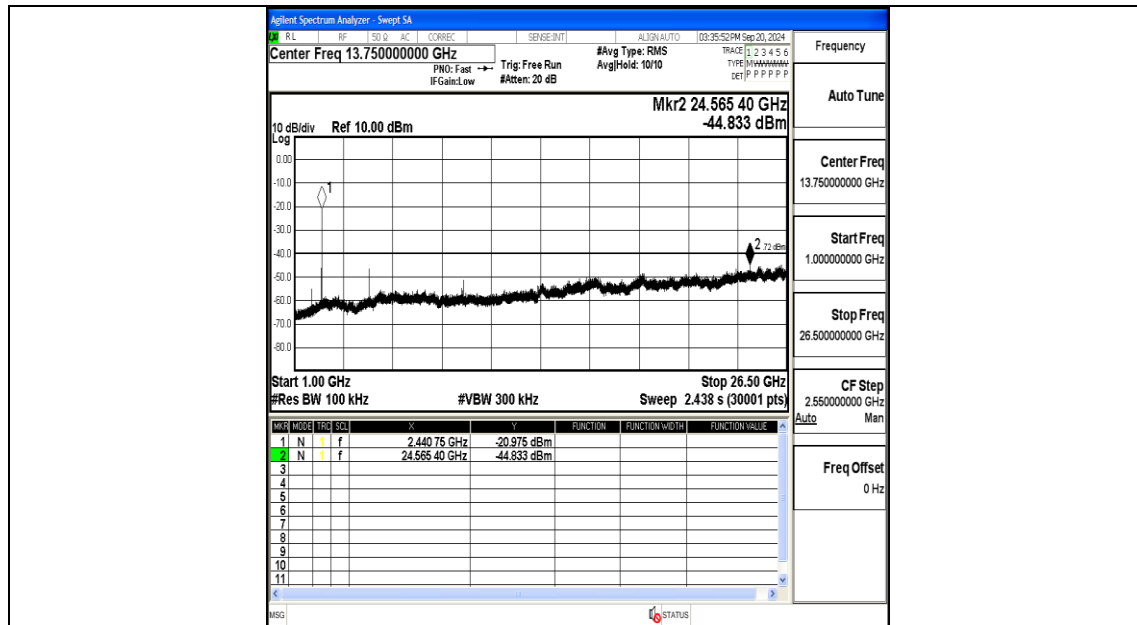
3DH5-Ant1-2402-1000~26500-PASS



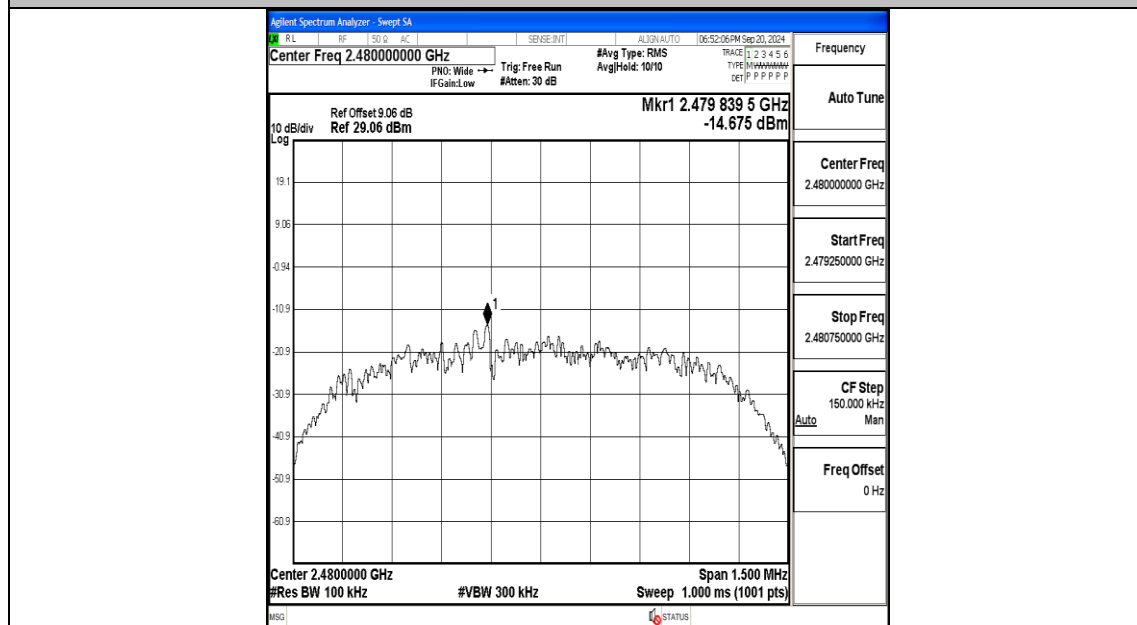
3DH5-Ant1-2441-0~Reference-PASS



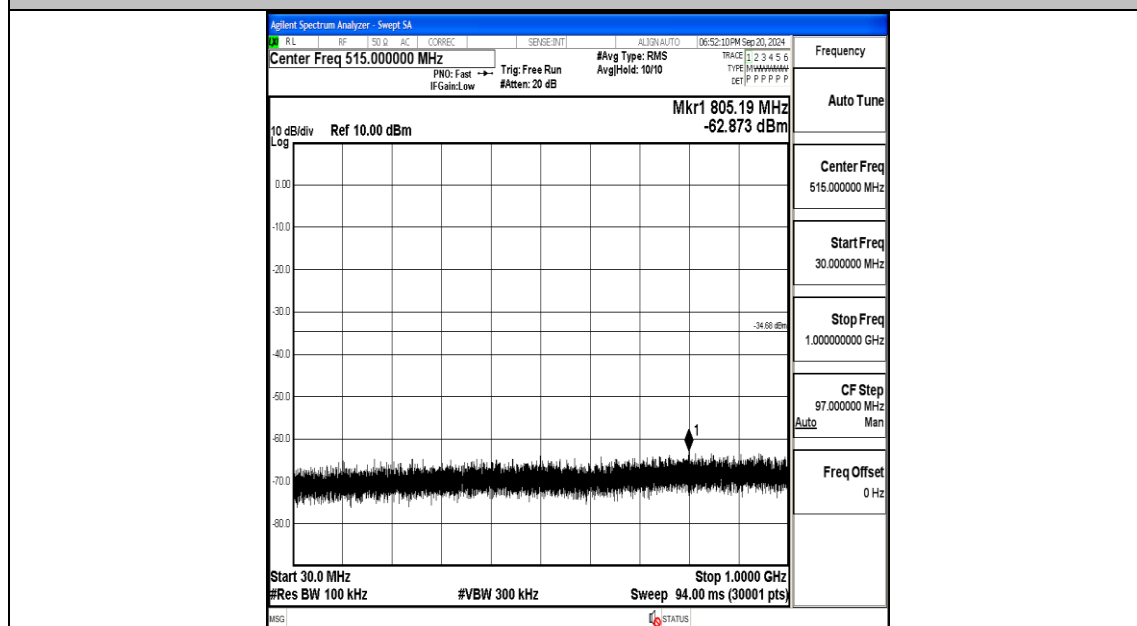
3DH5-Ant1-2441-30~1000-PASS



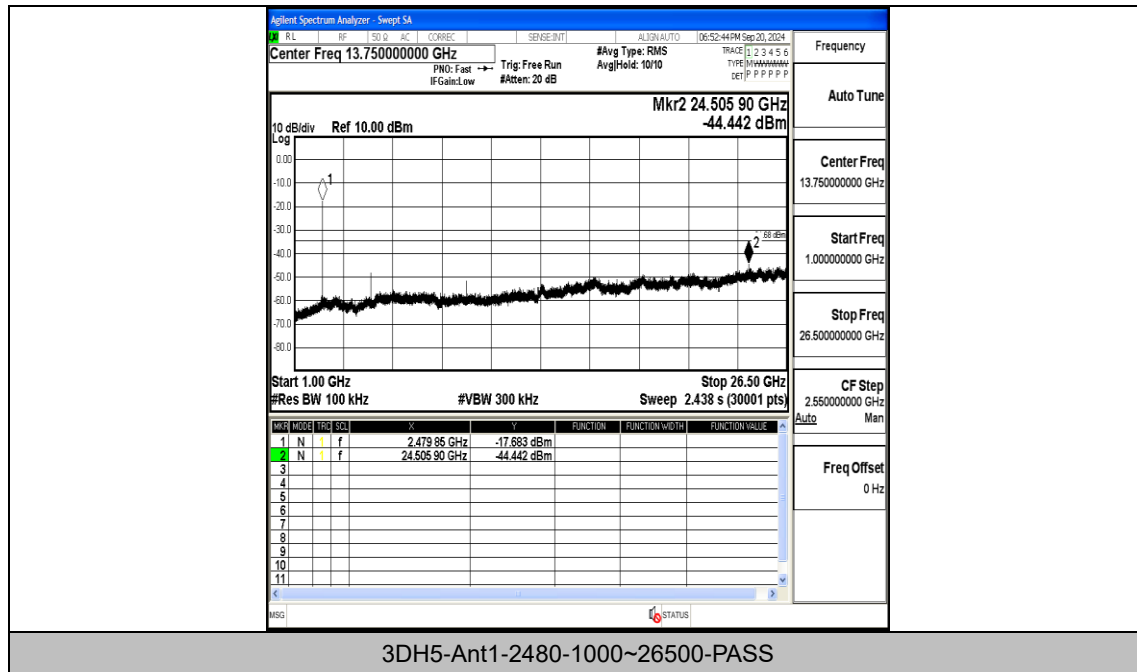
3DH5-Ant1-2441-1000~26500-PASS



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



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

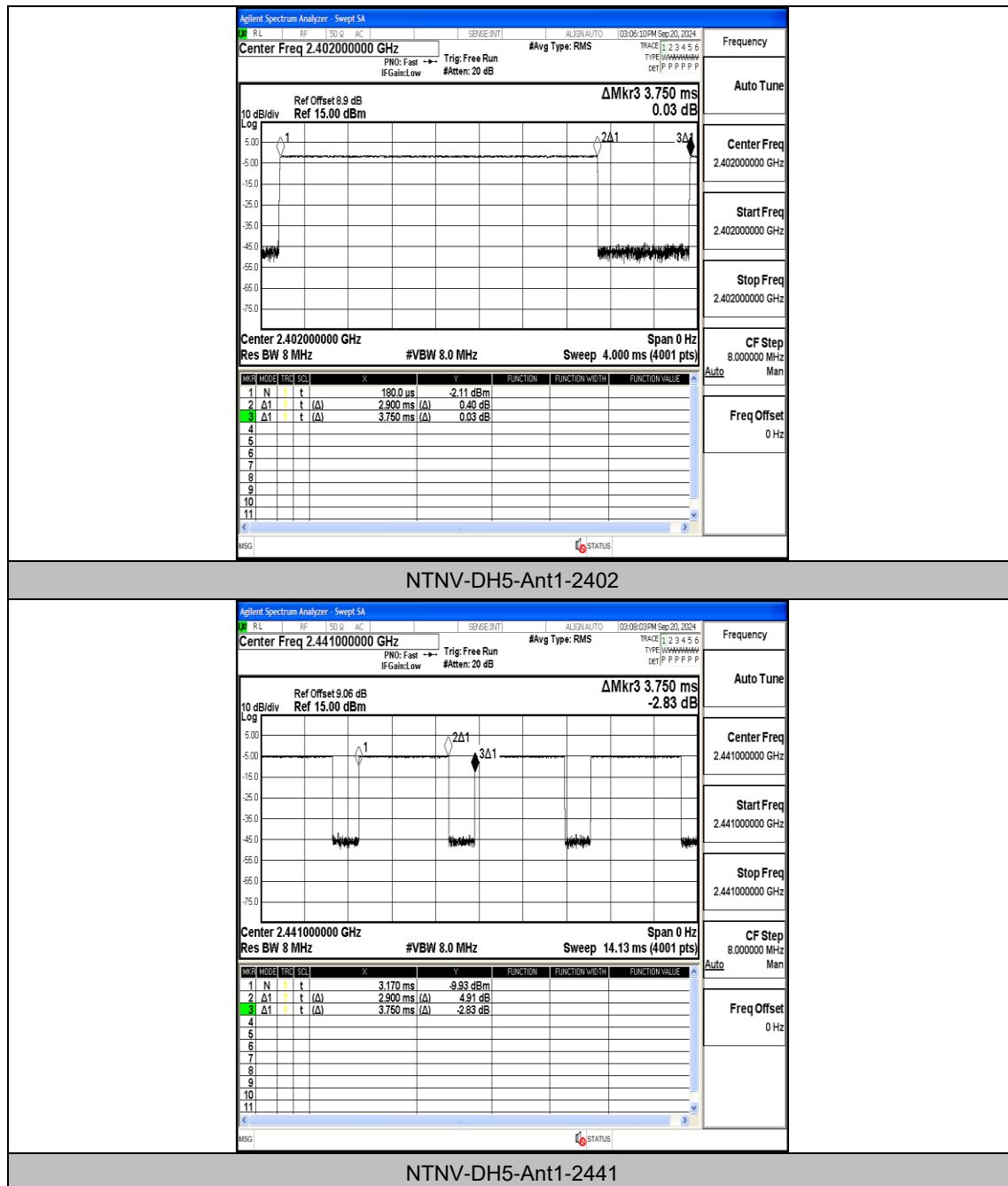


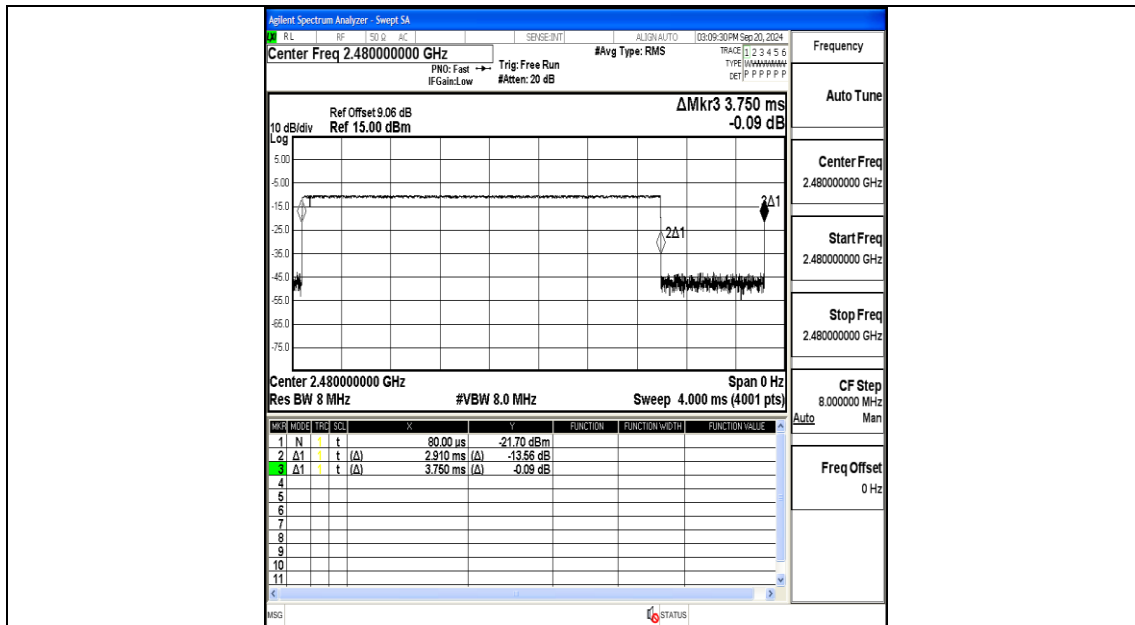
Appendix I: Duty Cycle

Test Result

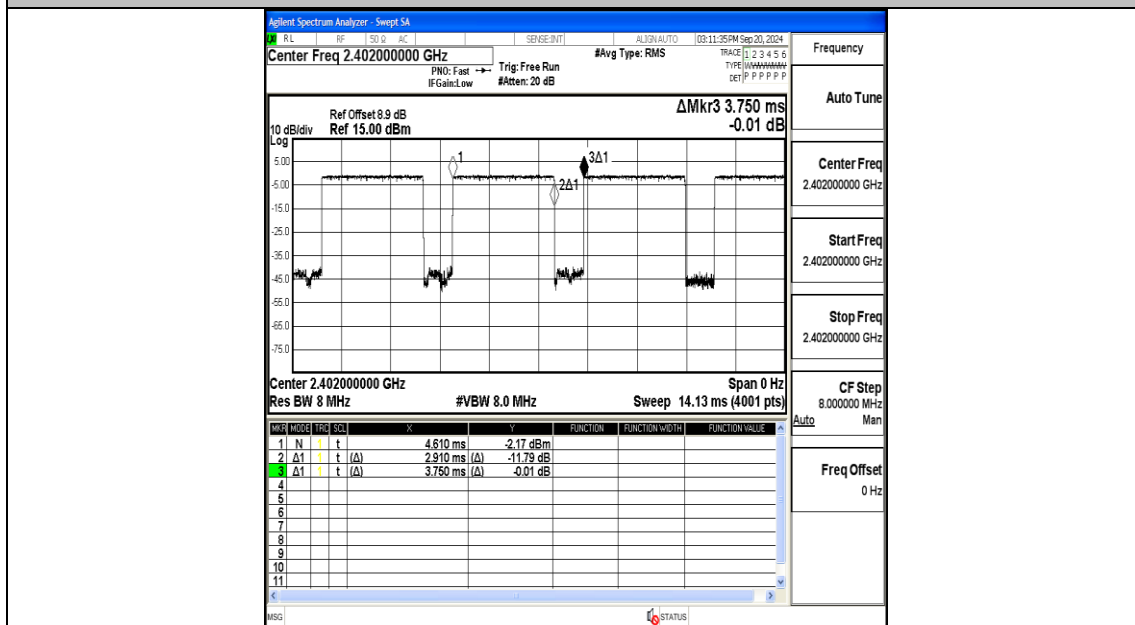
Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor [dB]
DH5	Ant1	2402	2.90	3.75	77.33	1.12
DH5	Ant1	2441	2.90	3.75	77.33	1.12
DH5	Ant1	2480	2.91	3.75	77.60	1.10
2DH5	Ant1	2402	2.91	3.75	77.60	1.10
2DH5	Ant1	2441	2.90	3.75	77.33	1.12
2DH5	Ant1	2480	2.91	3.75	77.60	1.10
3DH5	Ant1	2402	2.91	3.75	77.60	1.10
3DH5	Ant1	2441	2.91	3.75	77.60	1.10
3DH5	Ant1	2480	2.91	3.75	77.60	1.10

Test Graphs

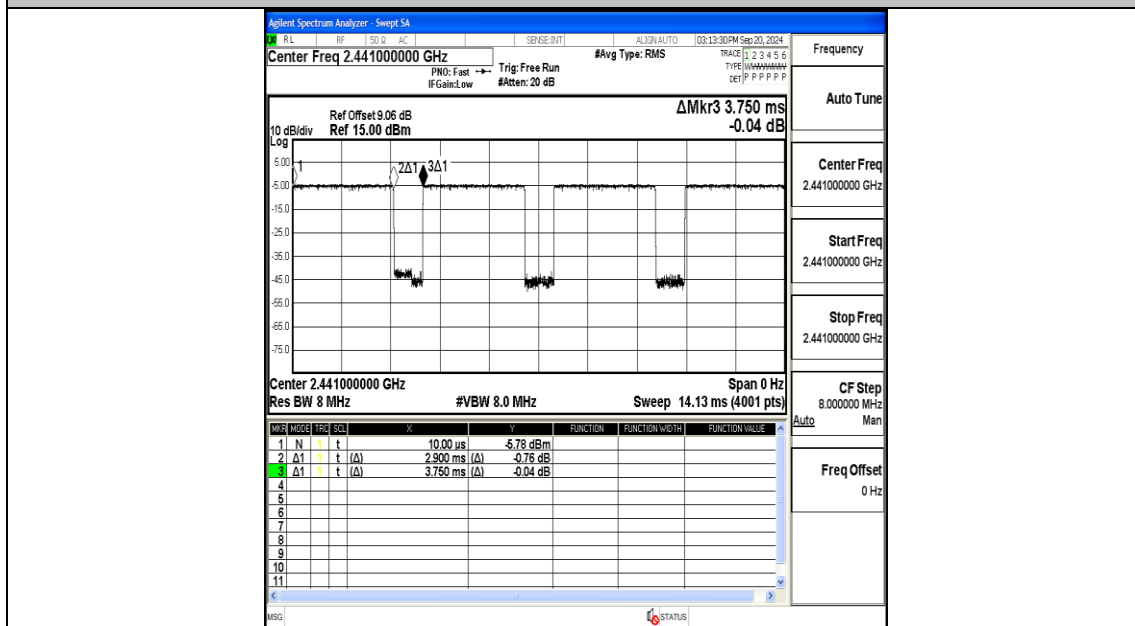




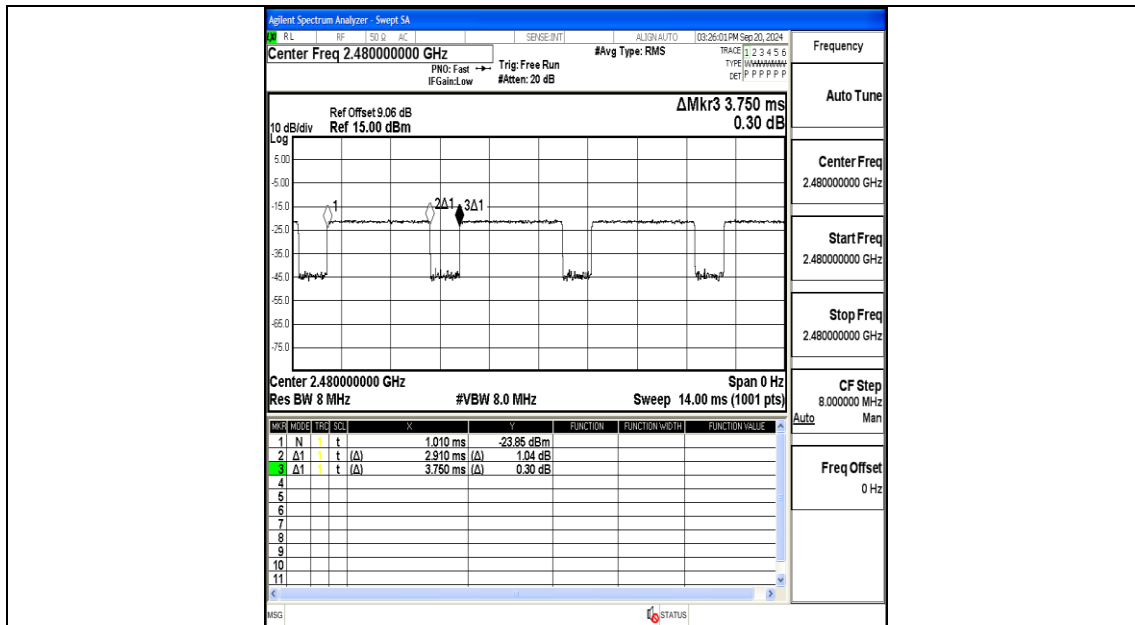
NTNV-DH5-Ant1-2480



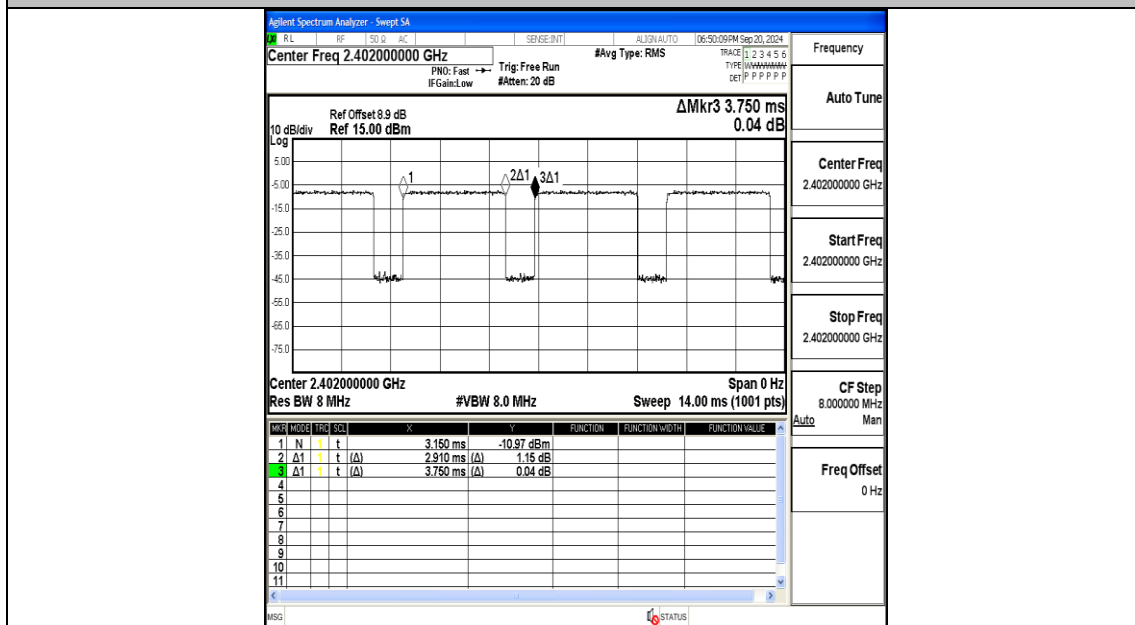
NTNV-2DH5-Ant1-2402



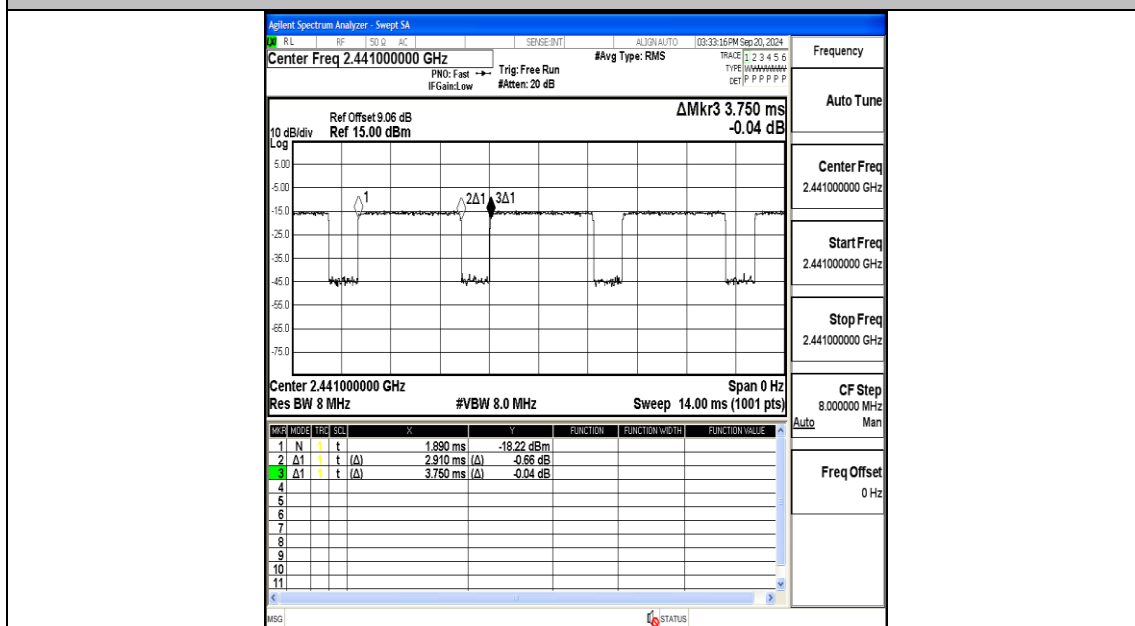
NTNV-2DH5-Ant1-2441



NTNV-2DH5-Ant1-2480



NTNV-3DH5-Ant1-2402



NTNV-3DH5-Ant1-2441

