

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

Product Name: B/O TOYS

Trade Mark: N/A

Test Model: 8008

FCC ID: 2BL2R85713961

Environmental Conditions

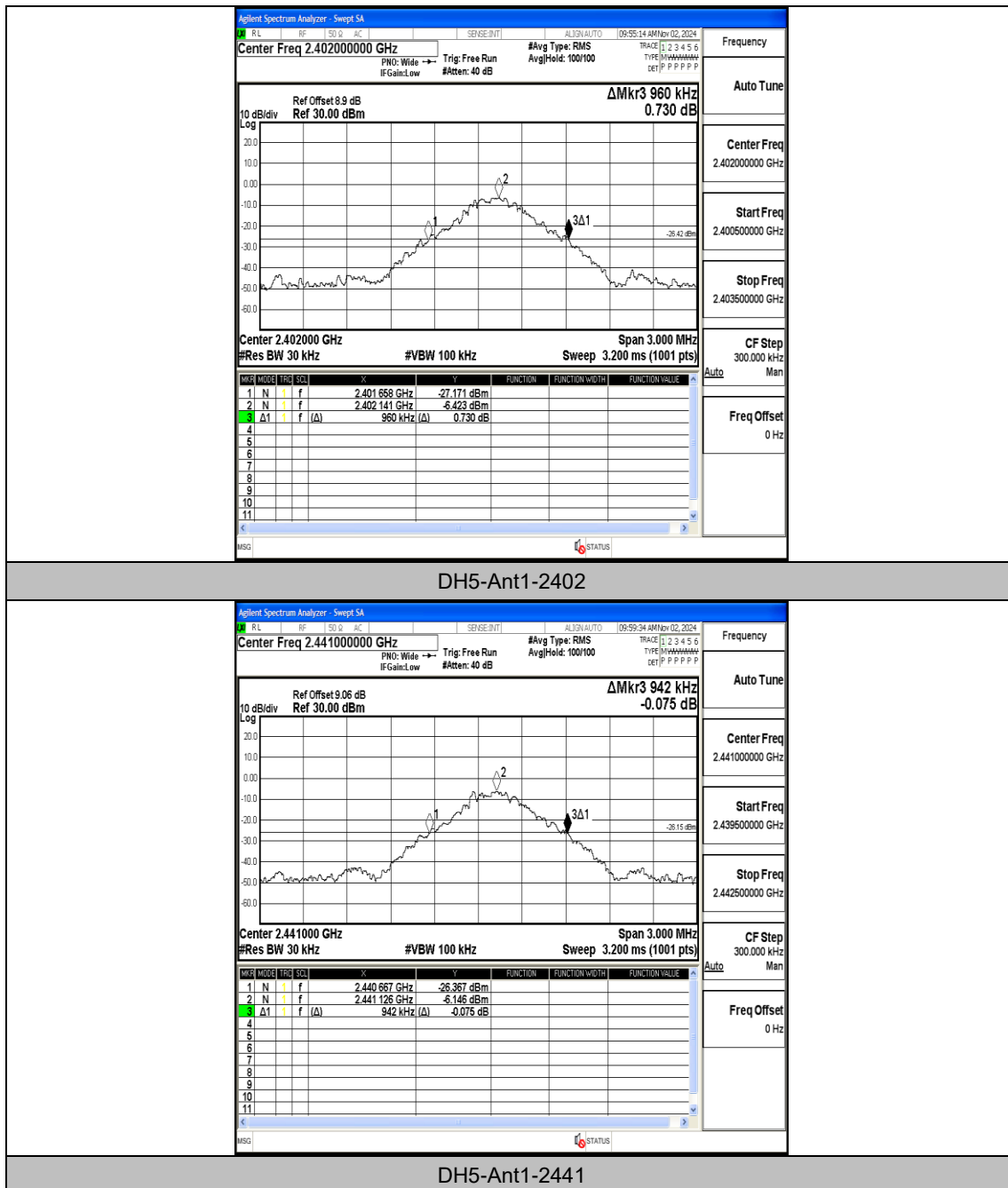
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

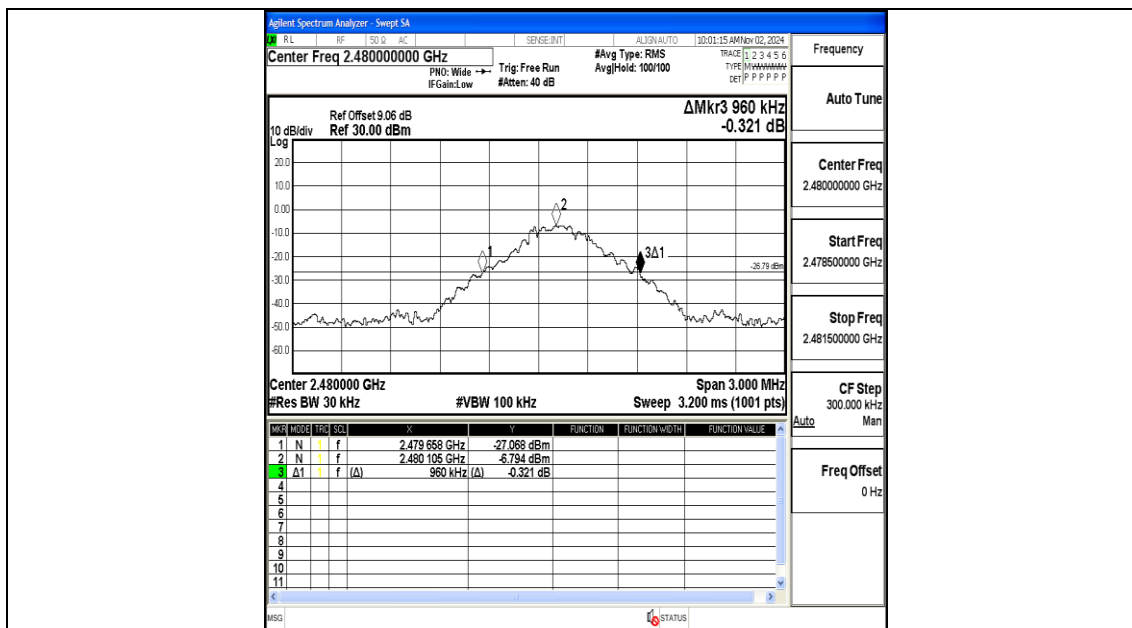
Appendix A: 20dB Emission Bandwidth

Test Result

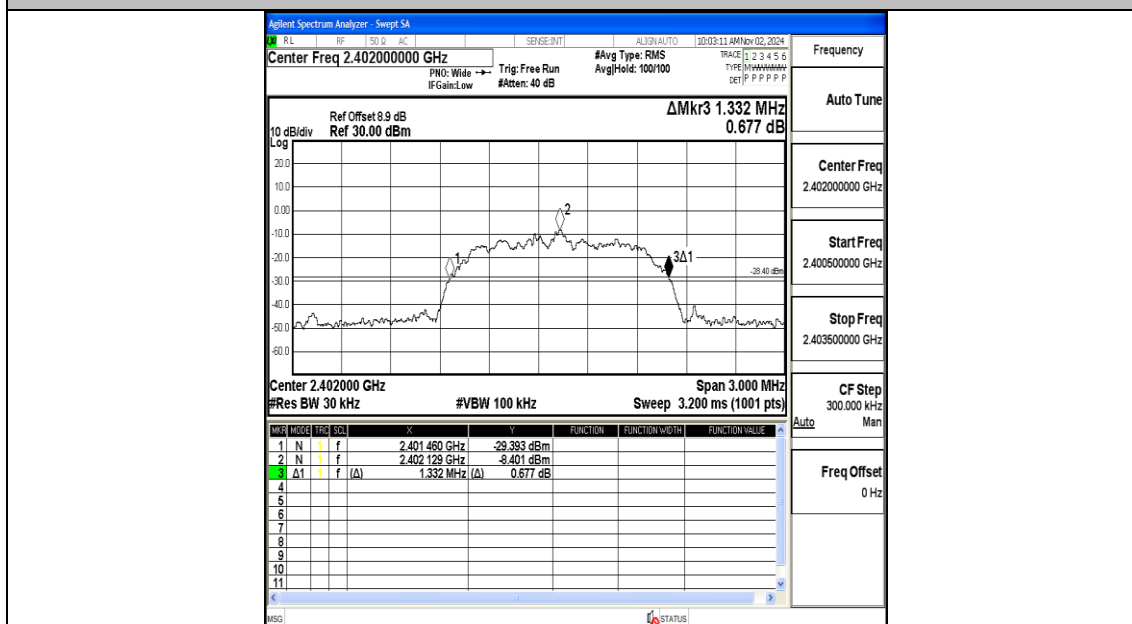
Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.960	2401.658	2402.618	---	---
DH5	Ant1	2441	0.942	2440.667	2441.609	---	---
DH5	Ant1	2480	0.960	2479.658	2480.618	---	---
2DH5	Ant1	2402	1.332	2401.460	2402.792	---	---
2DH5	Ant1	2441	1.302	2440.469	2441.771	---	---
2DH5	Ant1	2480	1.287	2479.496	2480.783	---	---

Test Graphs

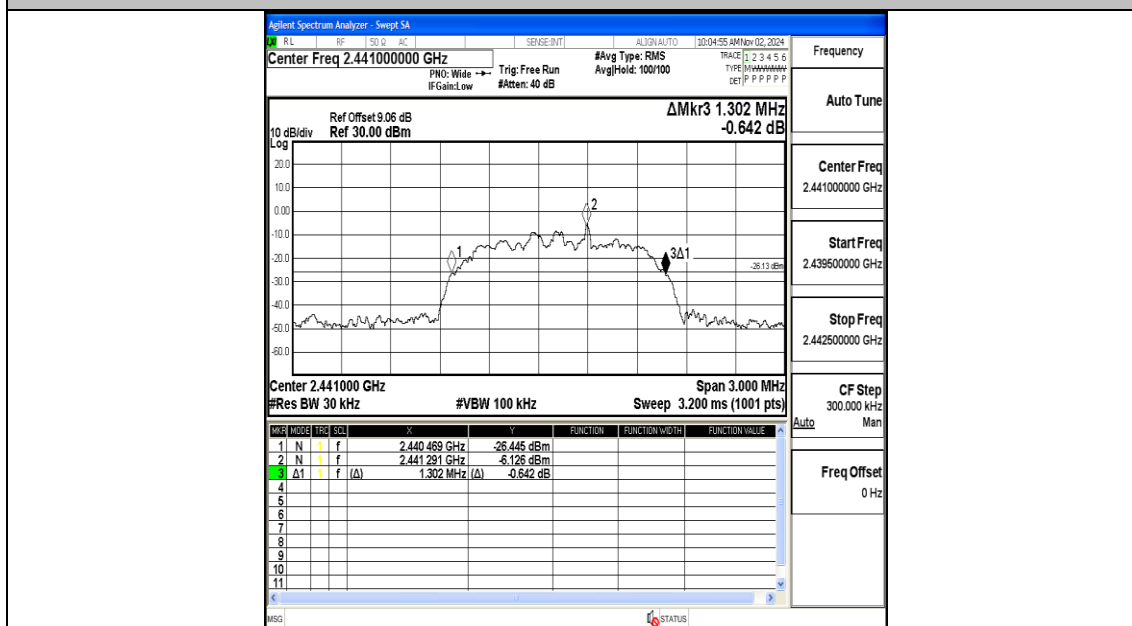




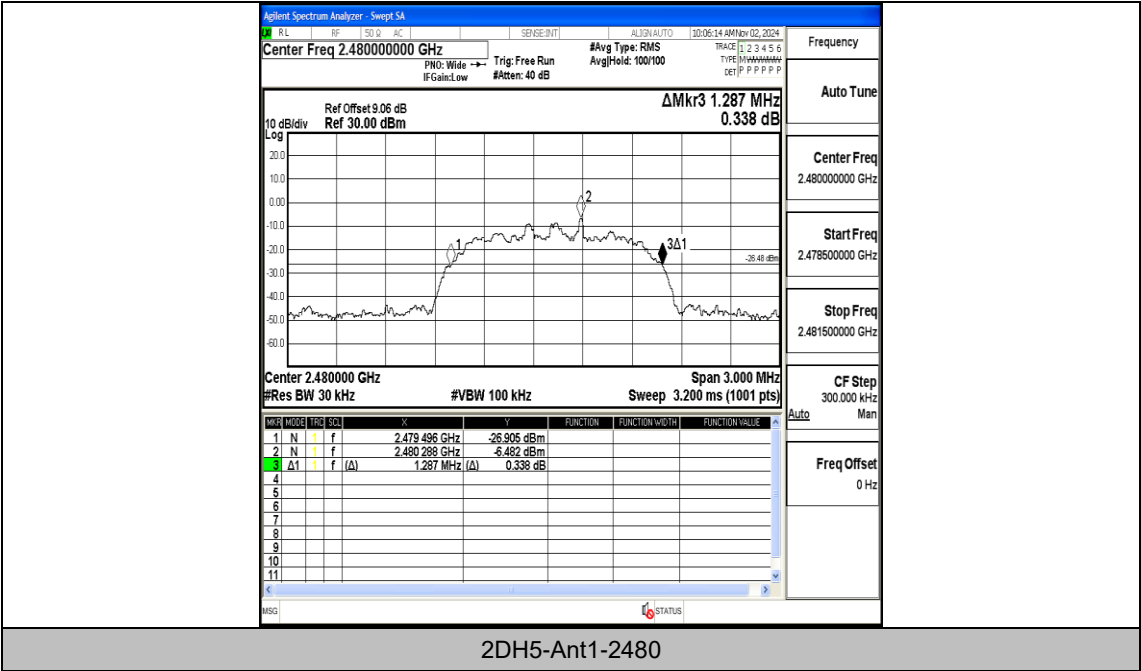
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441

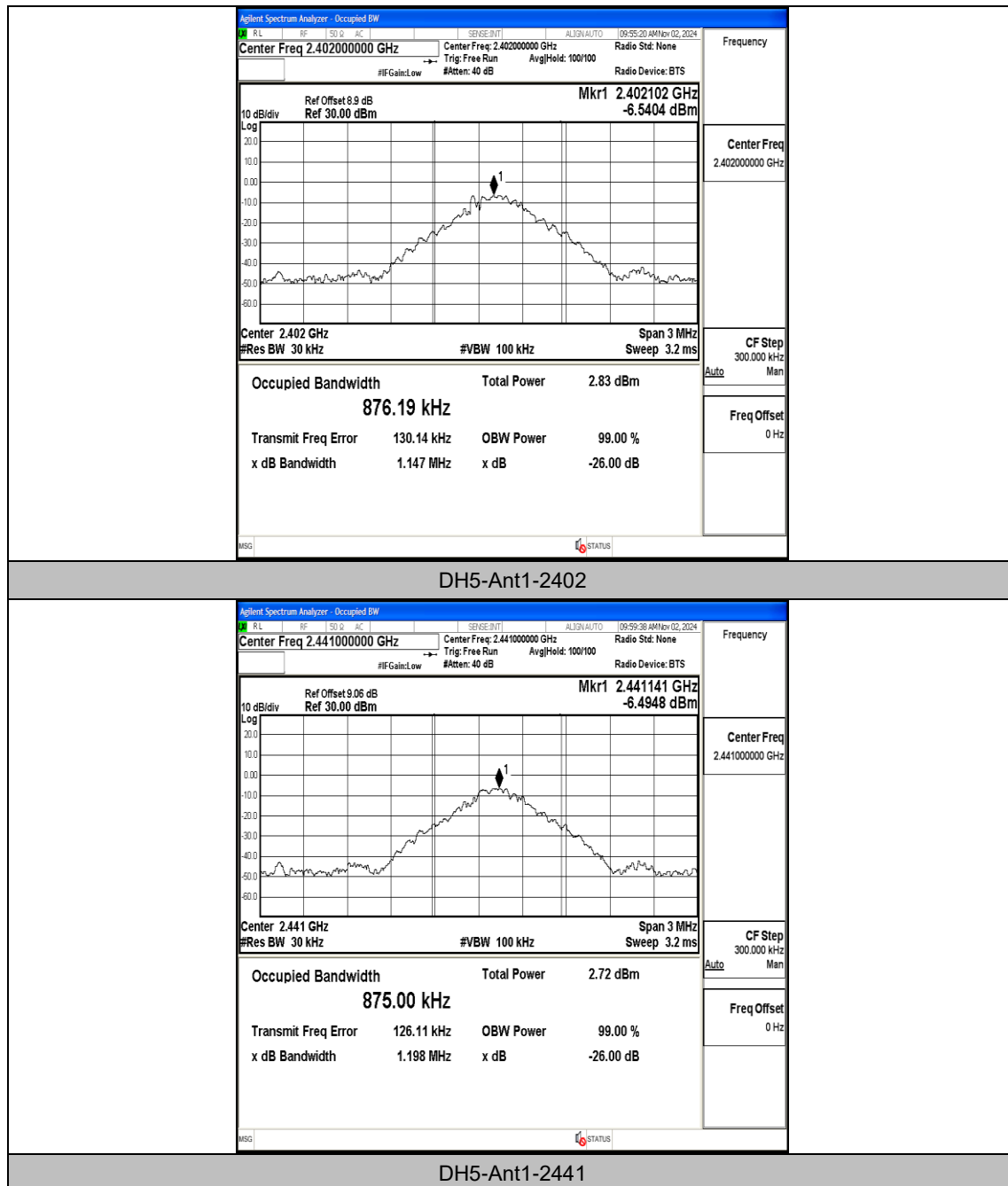


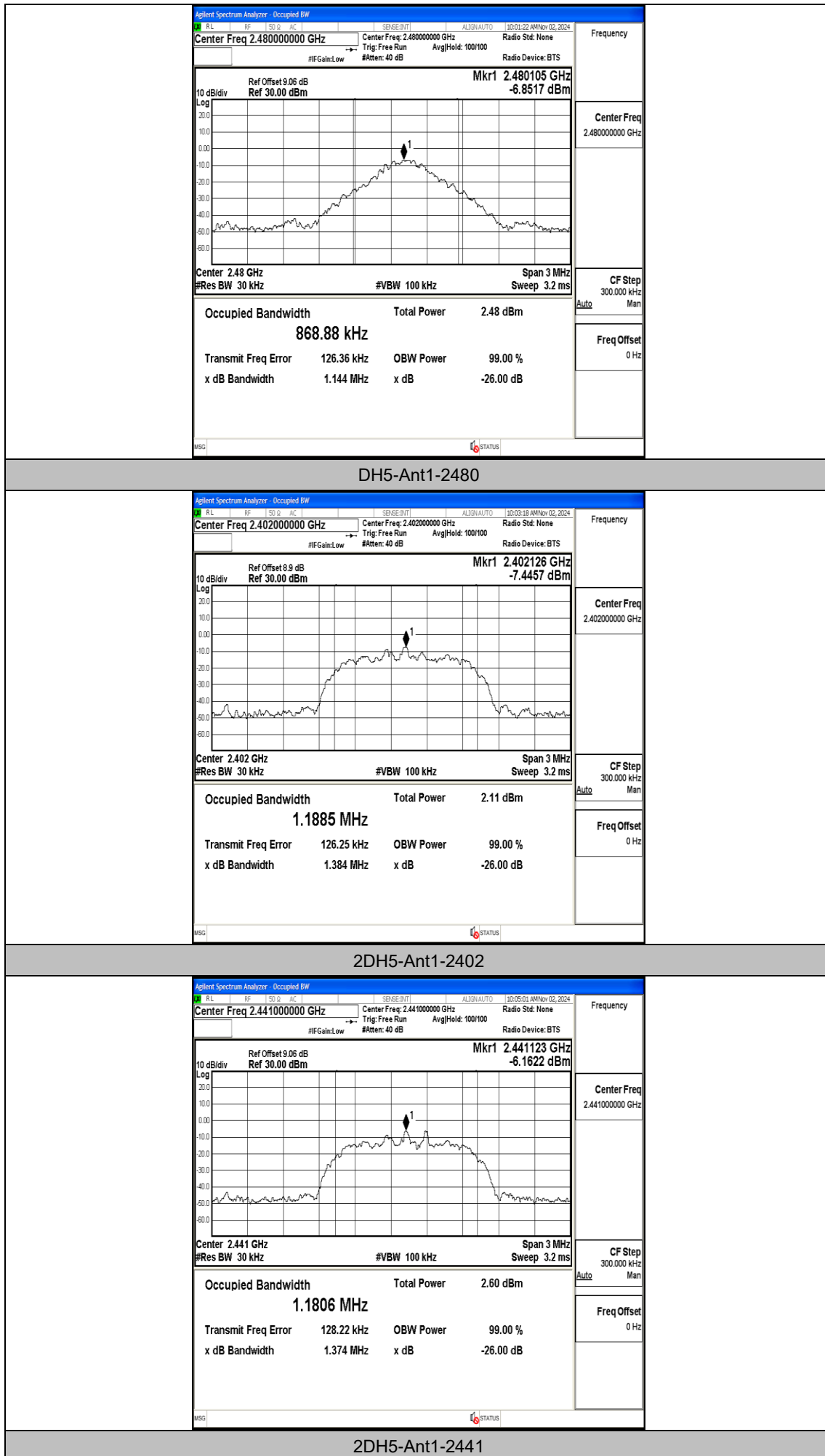
Appendix B: Occupied Channel Bandwidth

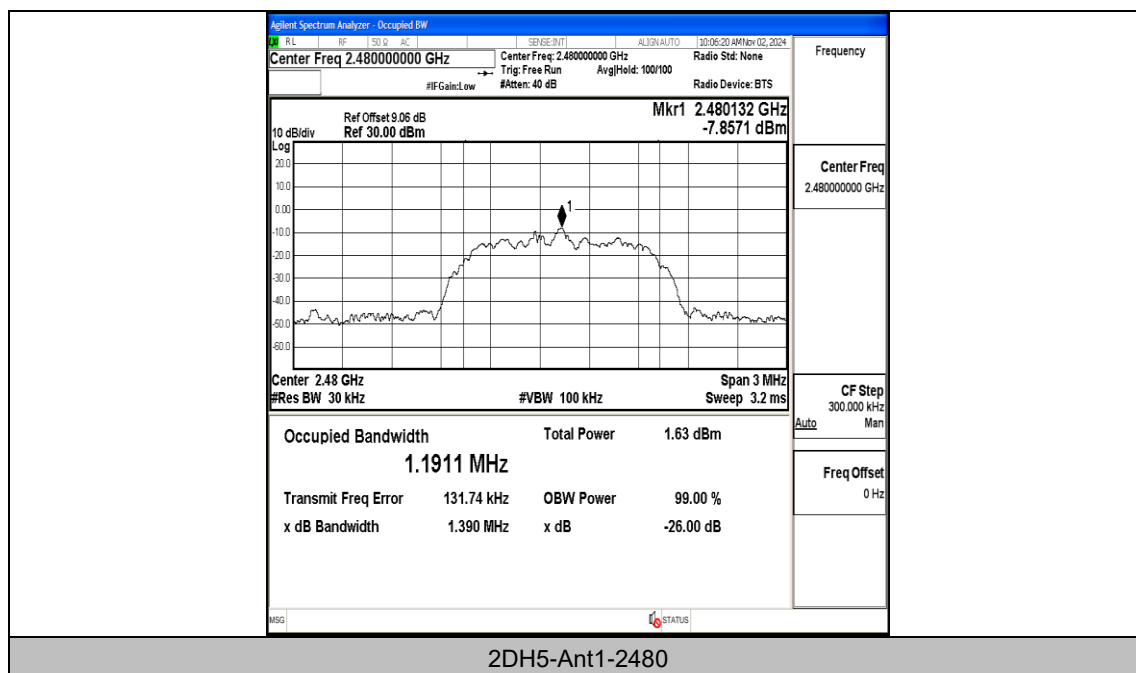
Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.87619	2401.6920	2402.5682	---	---
DH5	Ant1	2441	0.87500	2440.6886	2441.5636	---	---
DH5	Ant1	2480	0.86888	2479.6919	2480.5608	---	---
2DH5	Ant1	2402	1.1885	2401.5320	2402.7205	---	---
2DH5	Ant1	2441	1.1806	2440.5379	2441.7185	---	---
2DH5	Ant1	2480	1.1911	2479.5362	2480.7273	---	---

Test Graphs





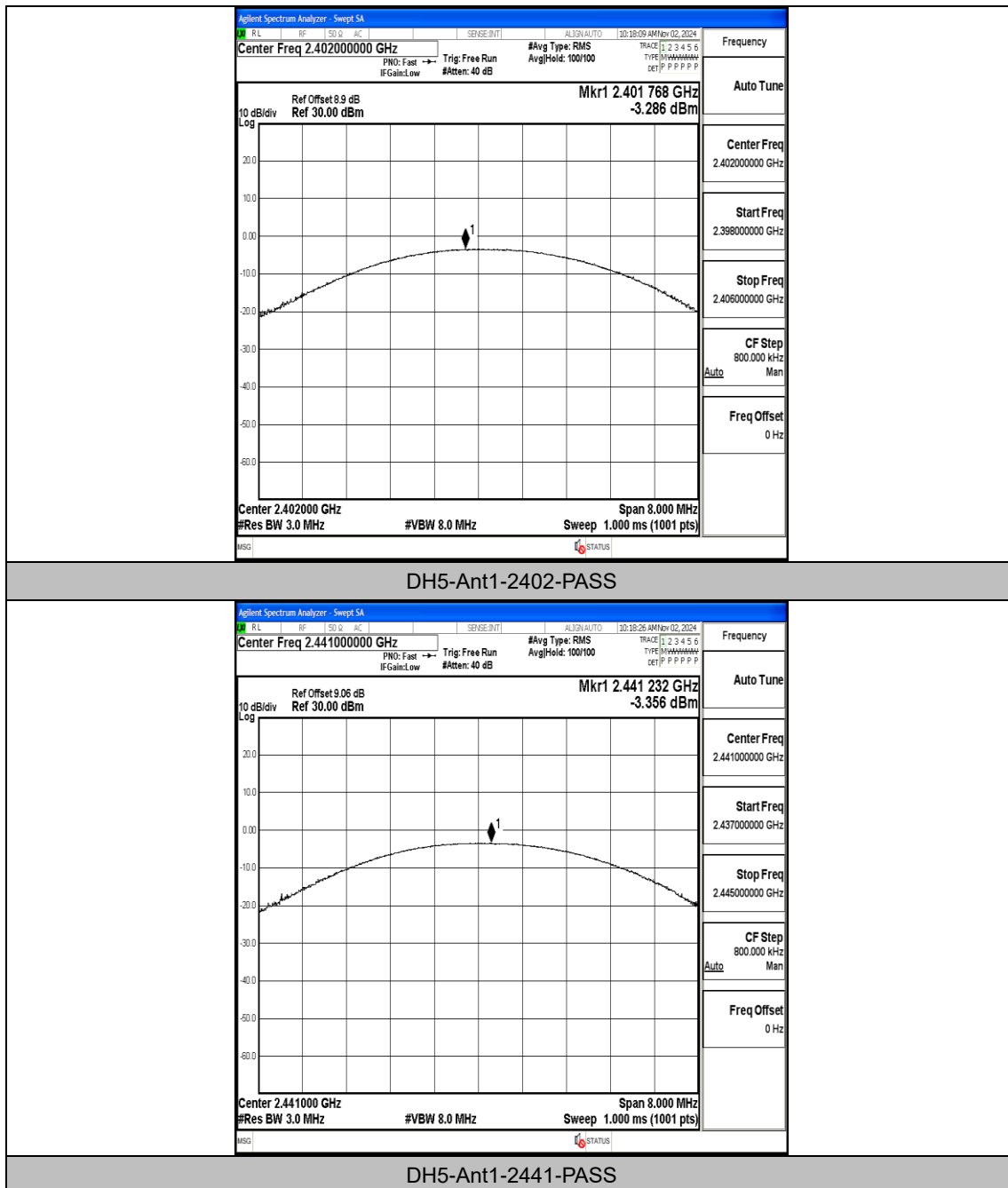


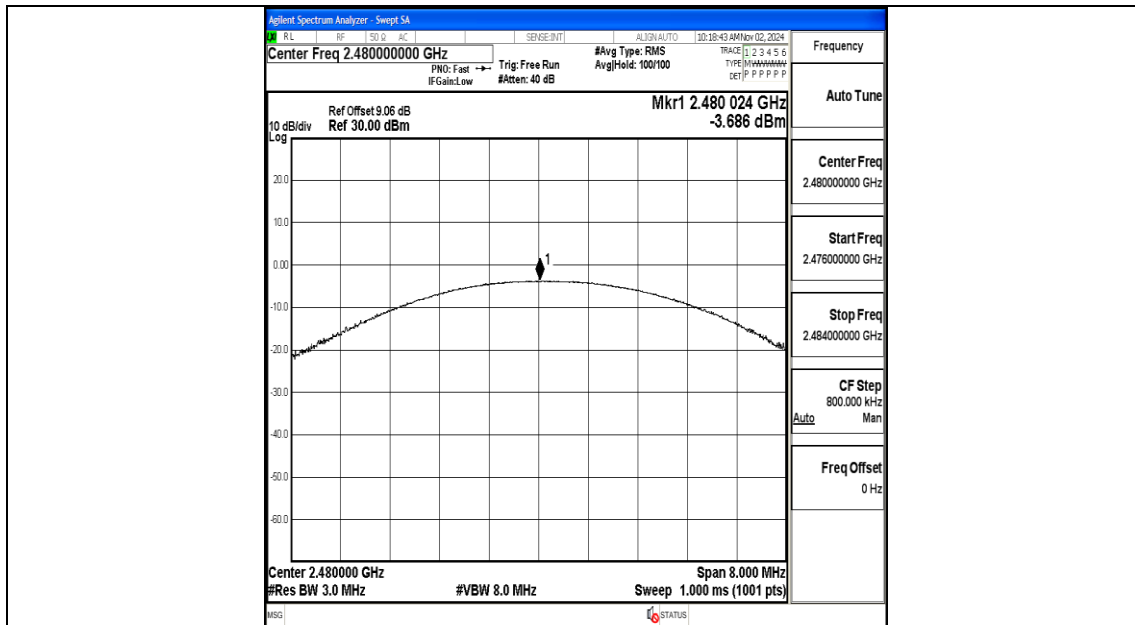
Appendix C: Maximum peak conducted output power

Test Result

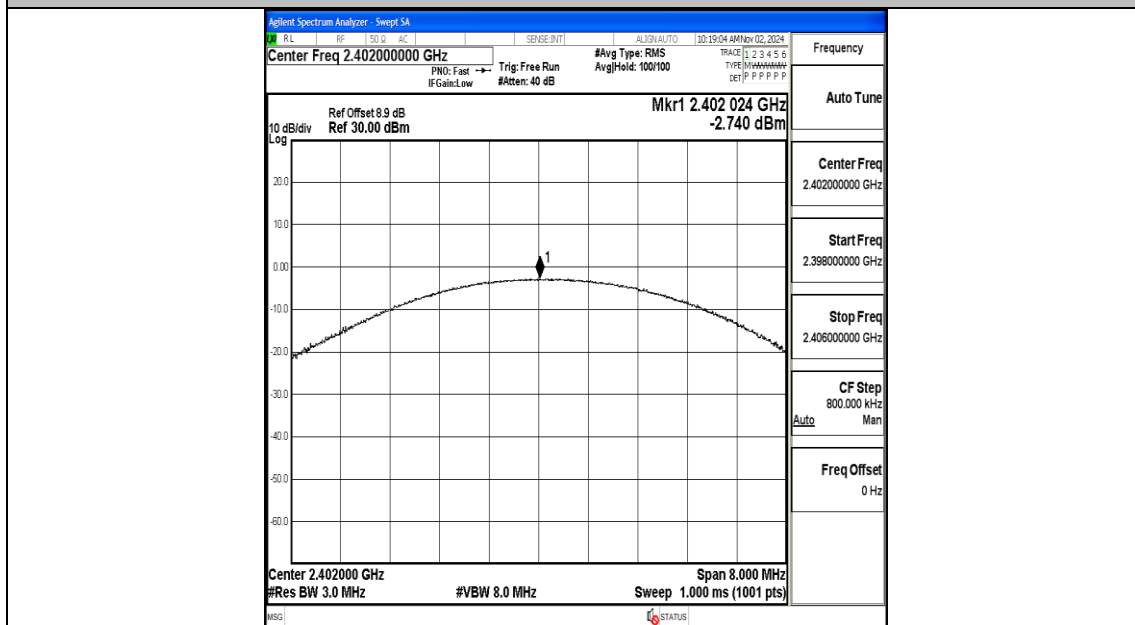
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
DH5	Ant1	2402	-3.29	≤30	PASS
DH5	Ant1	2441	-3.36	≤30	PASS
DH5	Ant1	2480	-3.69	≤30	PASS
2DH5	Ant1	2402	-2.74	≤20.97	PASS
2DH5	Ant1	2441	-2.63	≤20.97	PASS
2DH5	Ant1	2480	-3.04	≤20.97	PASS

Test Graphs

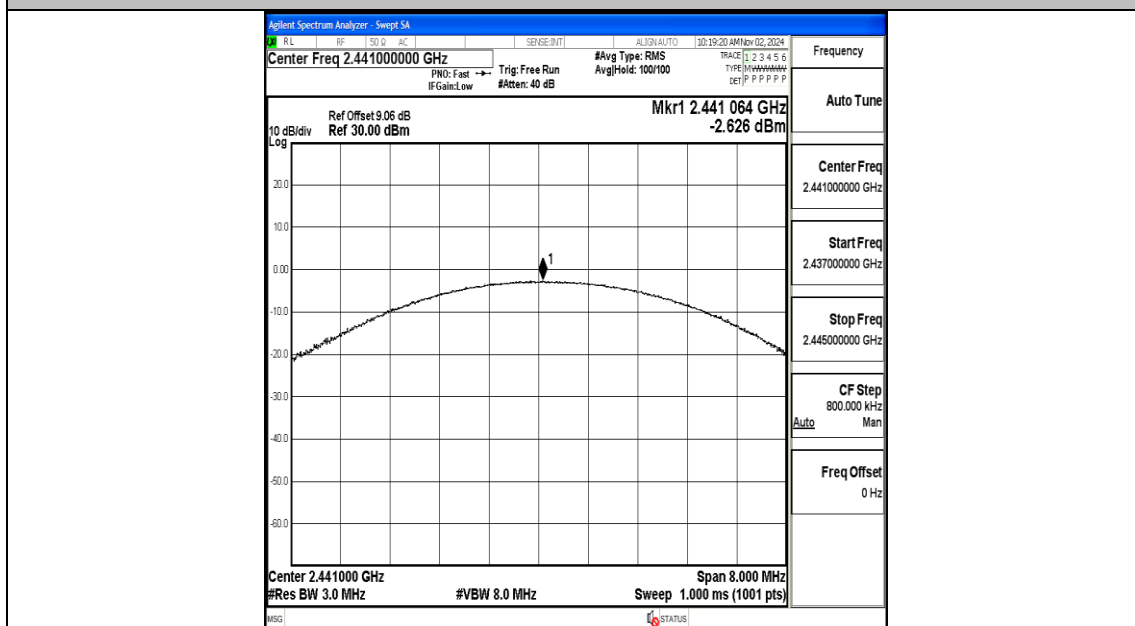




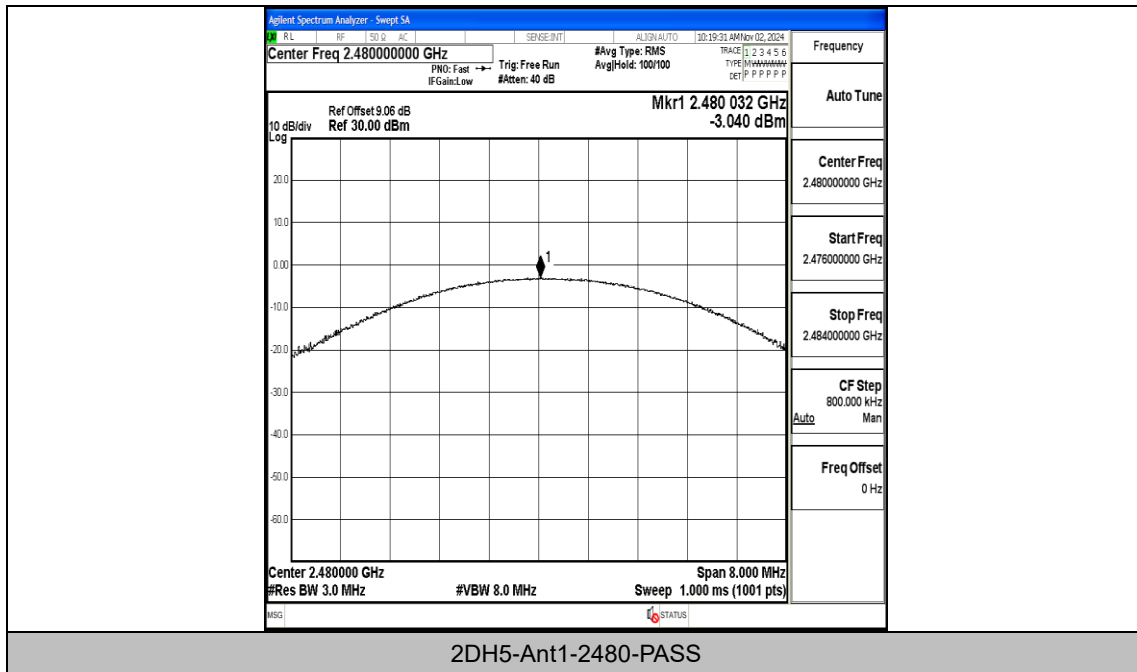
DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS

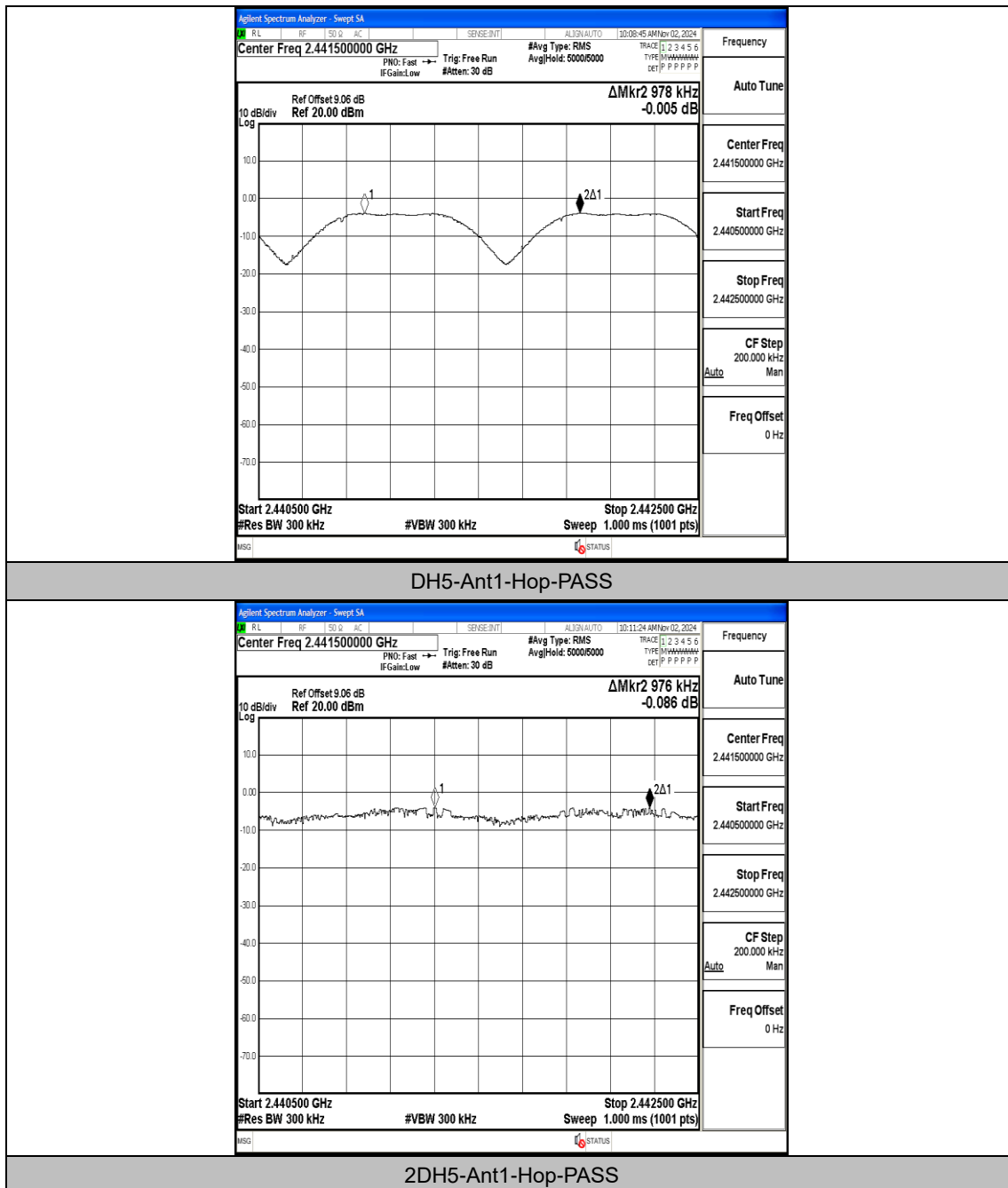


Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	0.978	≥ 0.960	PASS
2DH5	Ant1	Hop	0.976	≥ 0.888	PASS

Test Graphs

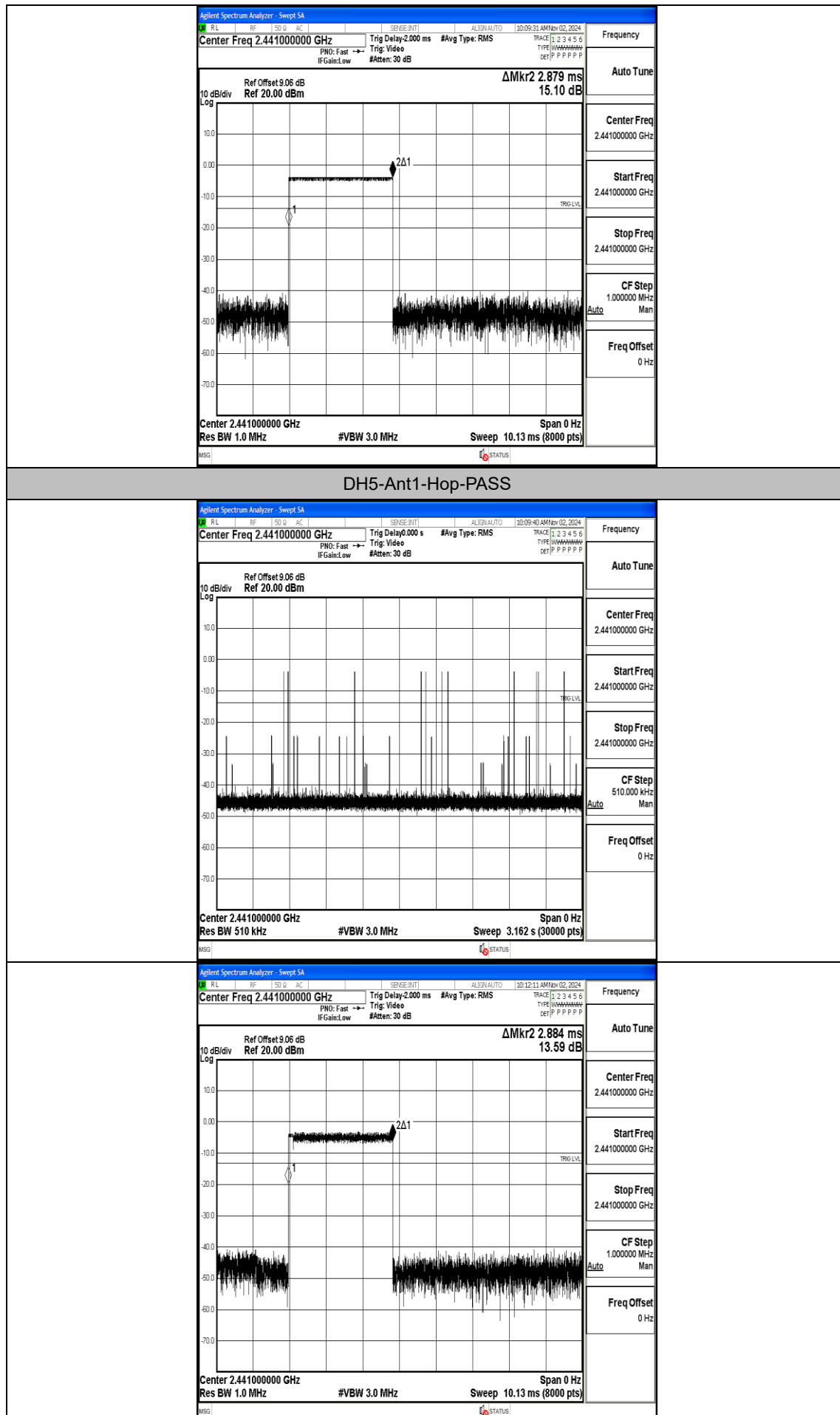


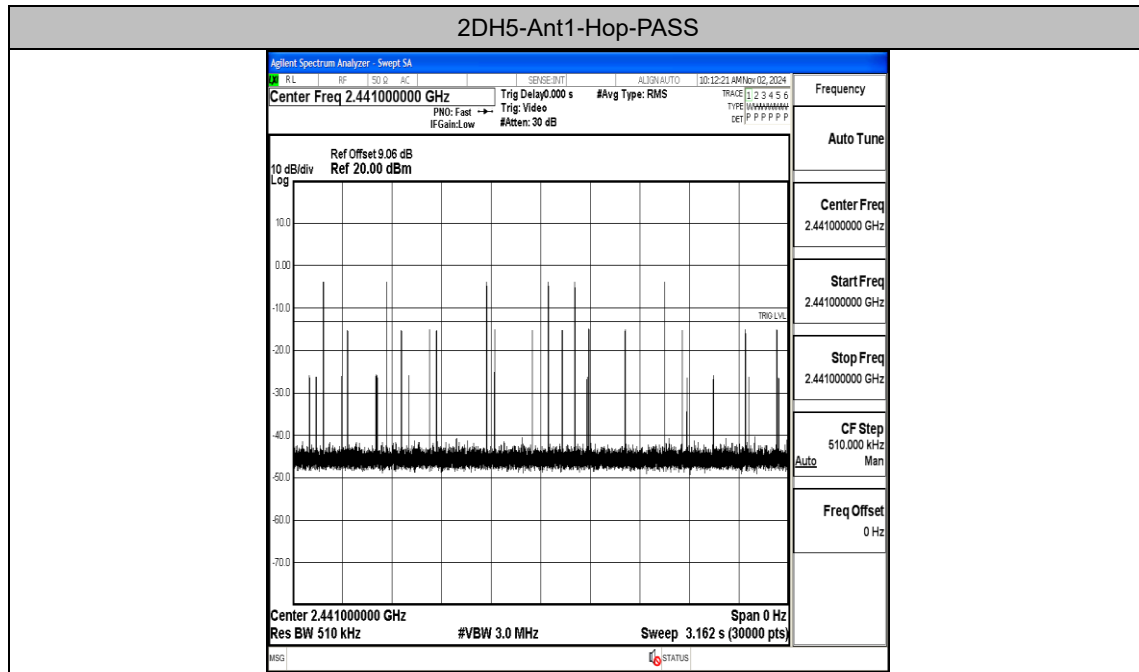
Appendix E: Time of occupancy

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	TotalHops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.879	120	0.345	≤0.4	PASS
2DH5	Ant1	Hop	2.884	70	0.202	≤0.4	PASS

Test Graphs



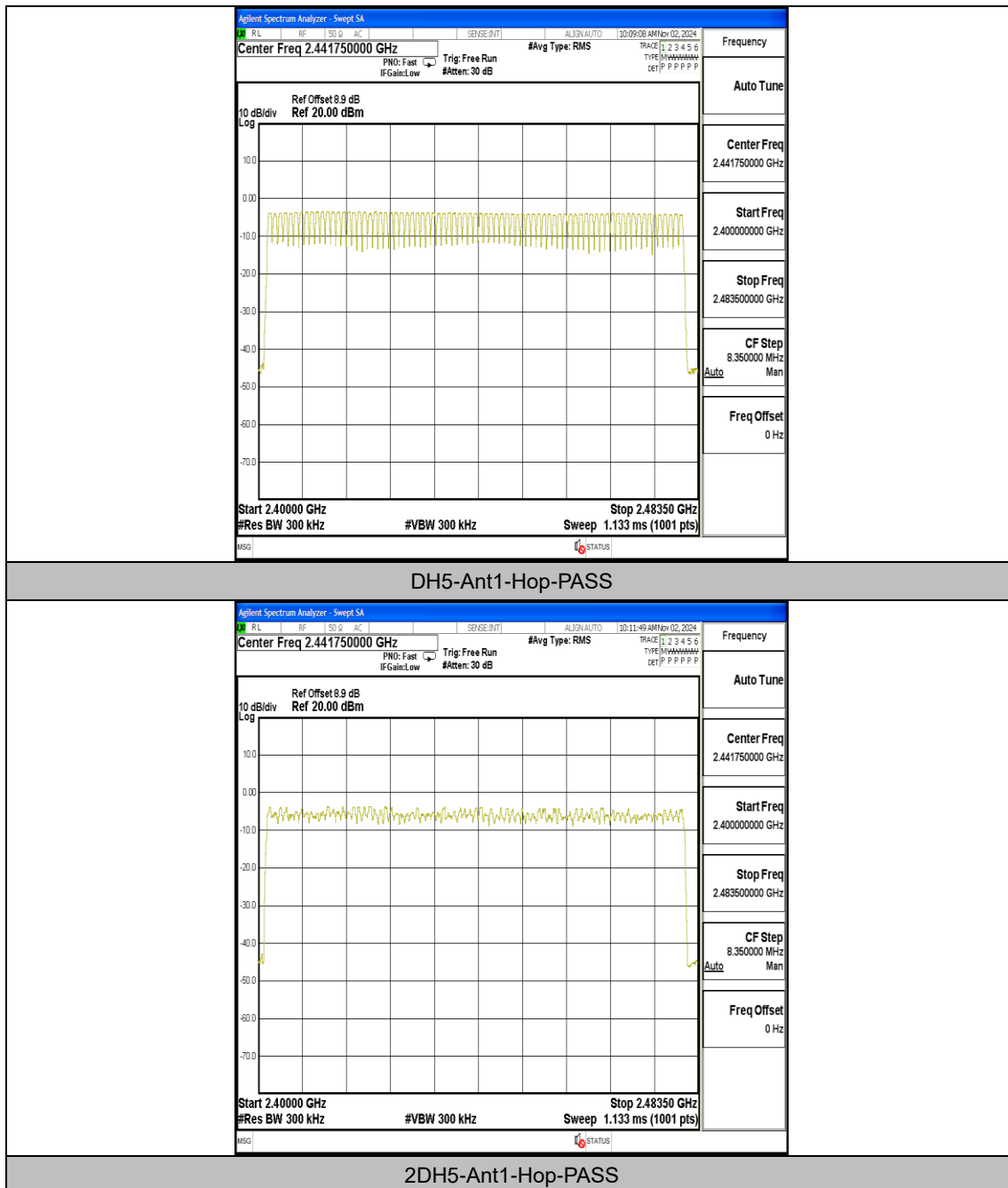


Appendix F: Number of hopping channels

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

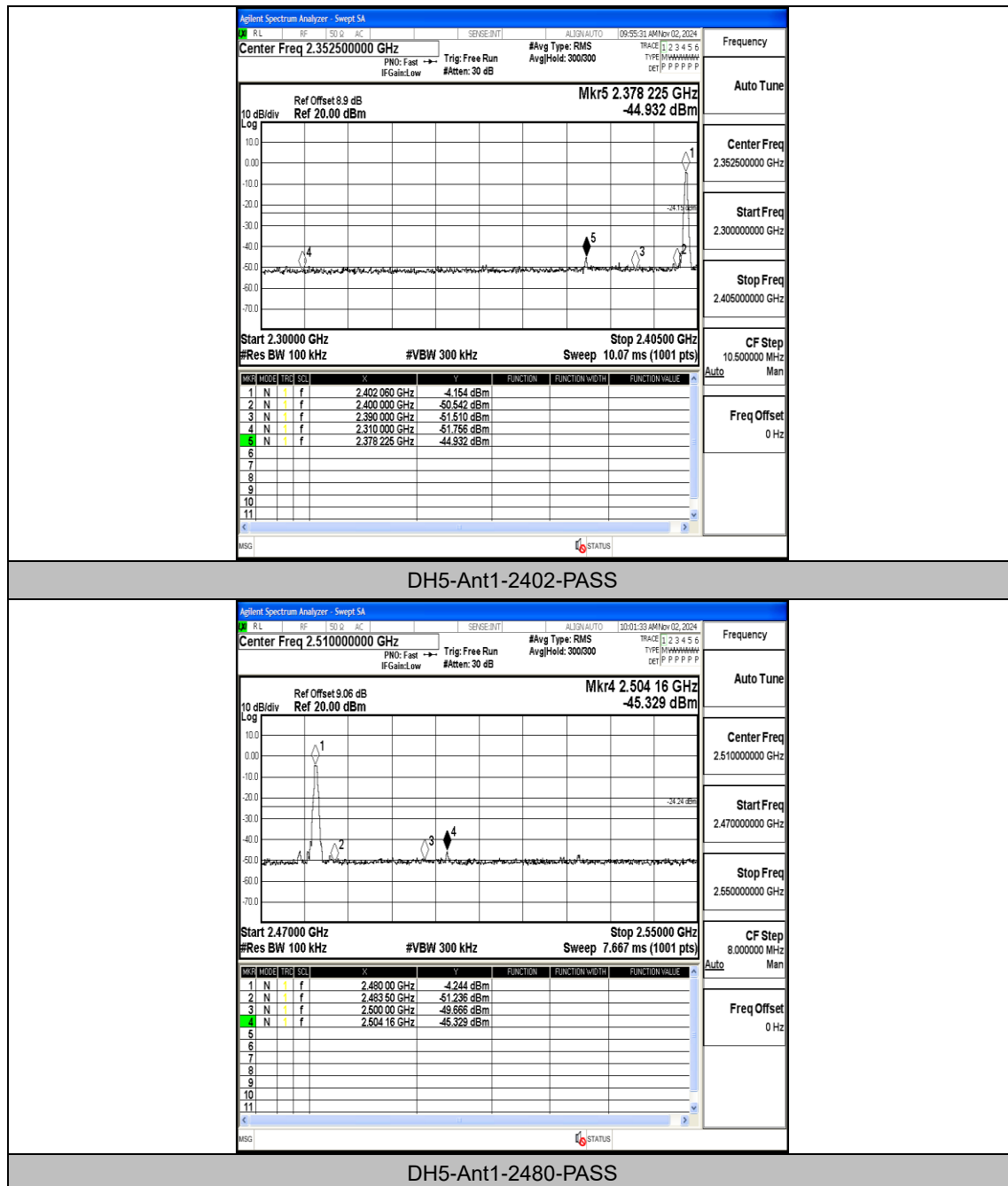


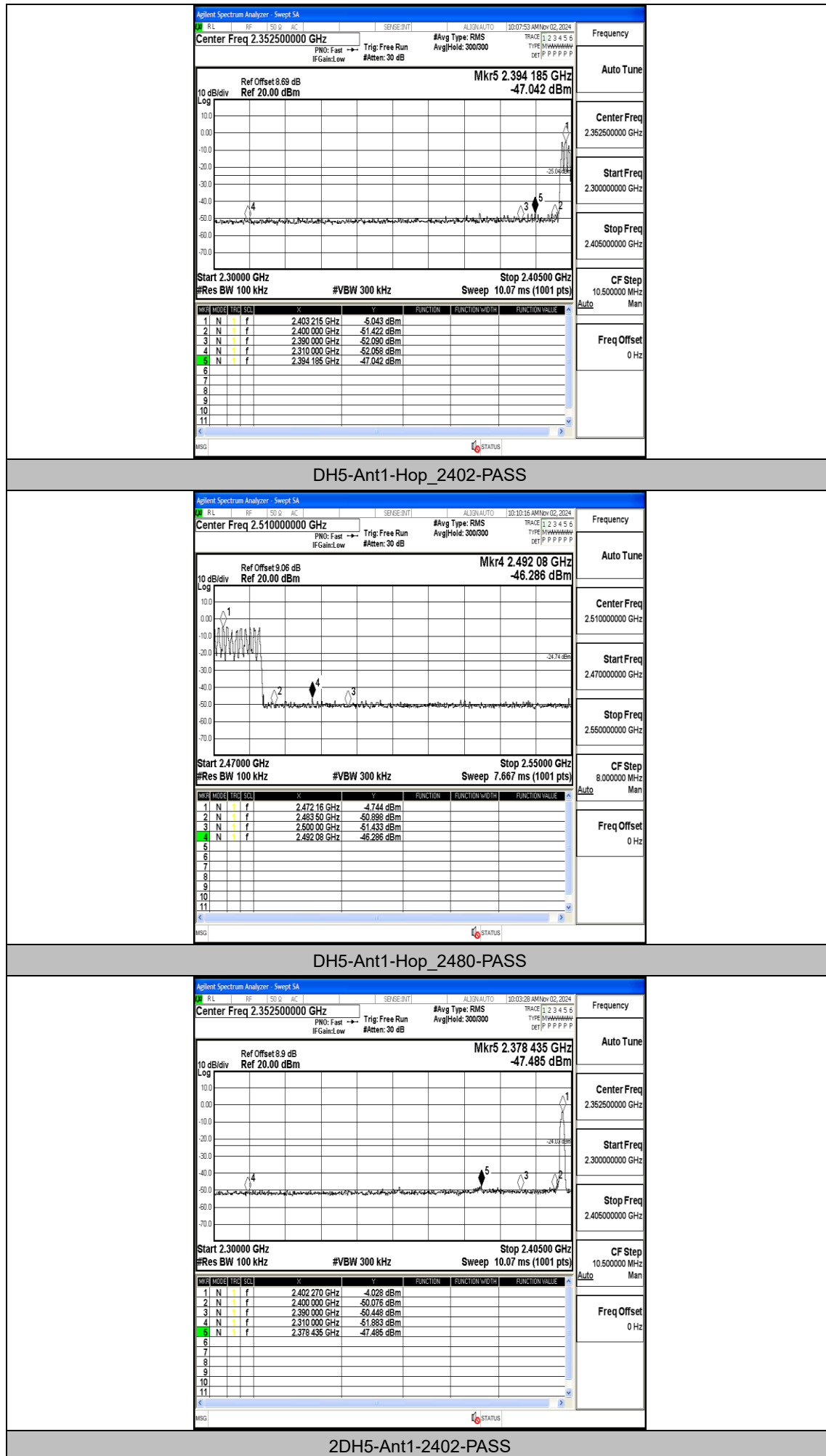
Appendix G: Band edge measurements

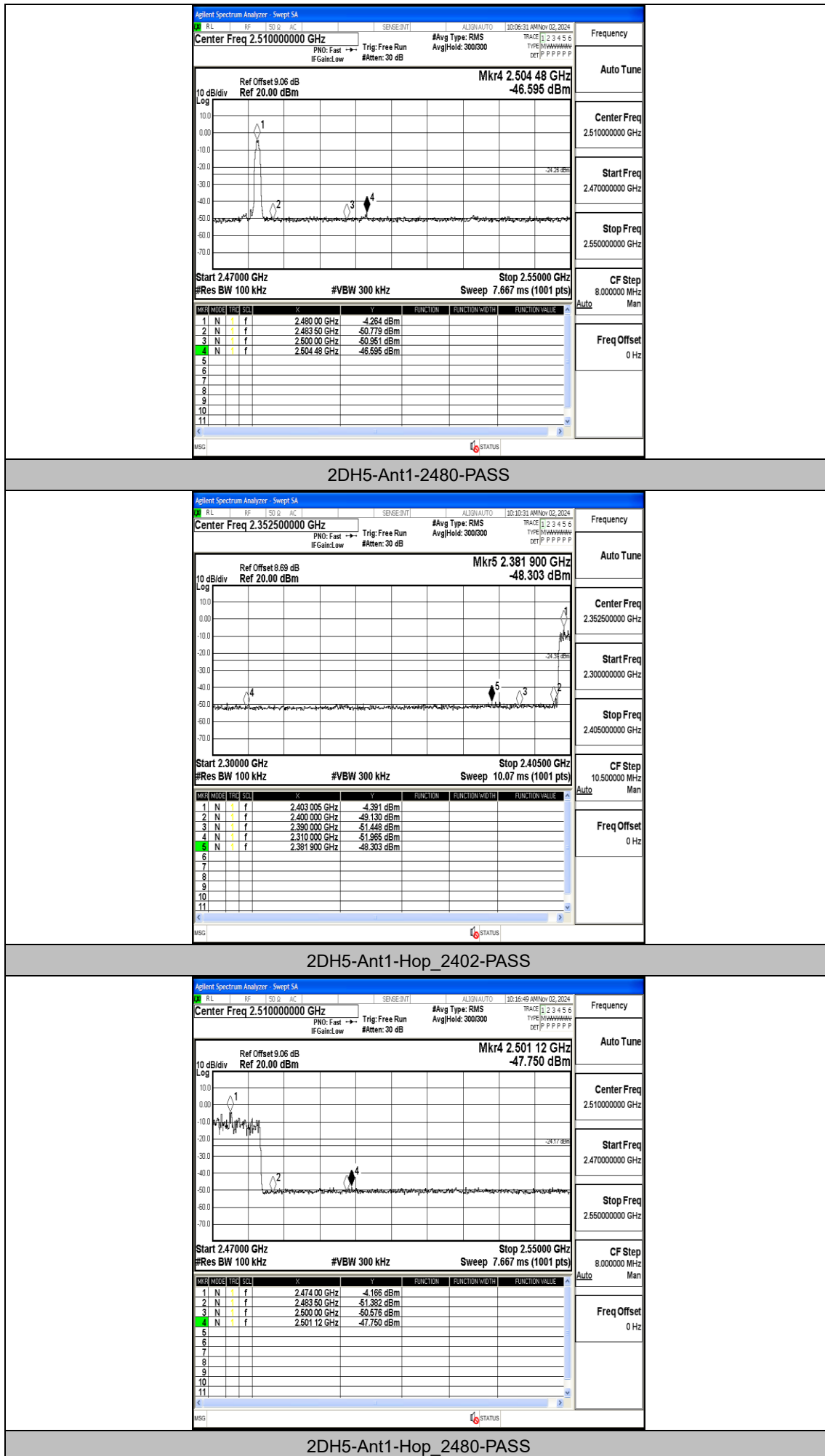
Test Result

Test Mode	Antenna	Ch.Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.15	-44.93	≤ -24.15	PASS
DH5	Ant1	High	2480	-4.24	-45.33	≤ -24.24	PASS
DH5	Ant1	Low	Hop_2402	-5.04	-47.04	≤ -25.04	PASS
DH5	Ant1	High	Hop_2480	-4.74	-46.29	≤ -24.74	PASS
2DH5	Ant1	Low	2402	-4.03	-47.49	≤ -24.03	PASS
2DH5	Ant1	High	2480	-4.26	-46.6	≤ -24.26	PASS
2DH5	Ant1	Low	Hop_2402	-4.39	-48.3	≤ -24.39	PASS
2DH5	Ant1	High	Hop_2480	-4.17	-47.75	≤ -24.17	PASS

Test Graphs





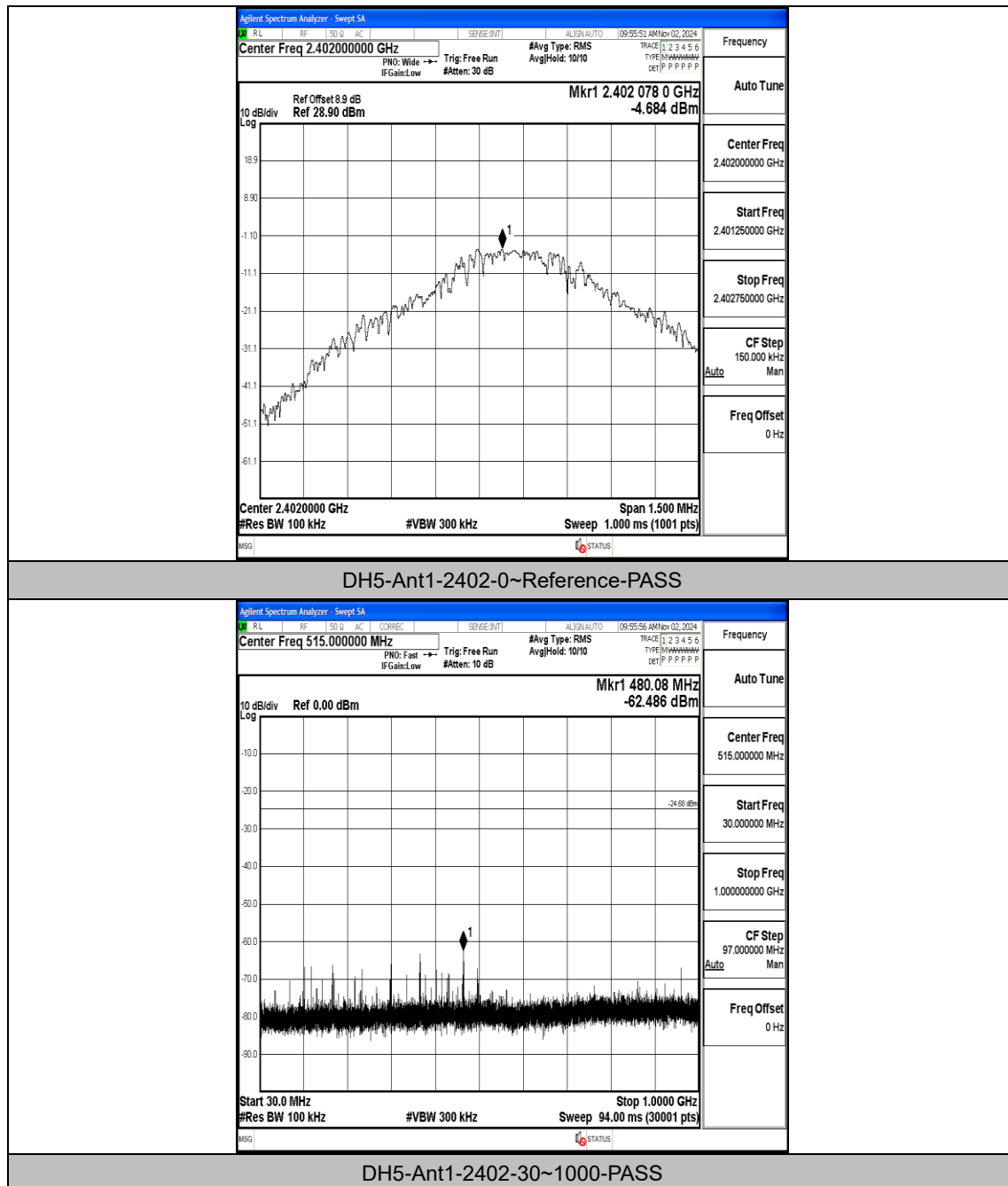


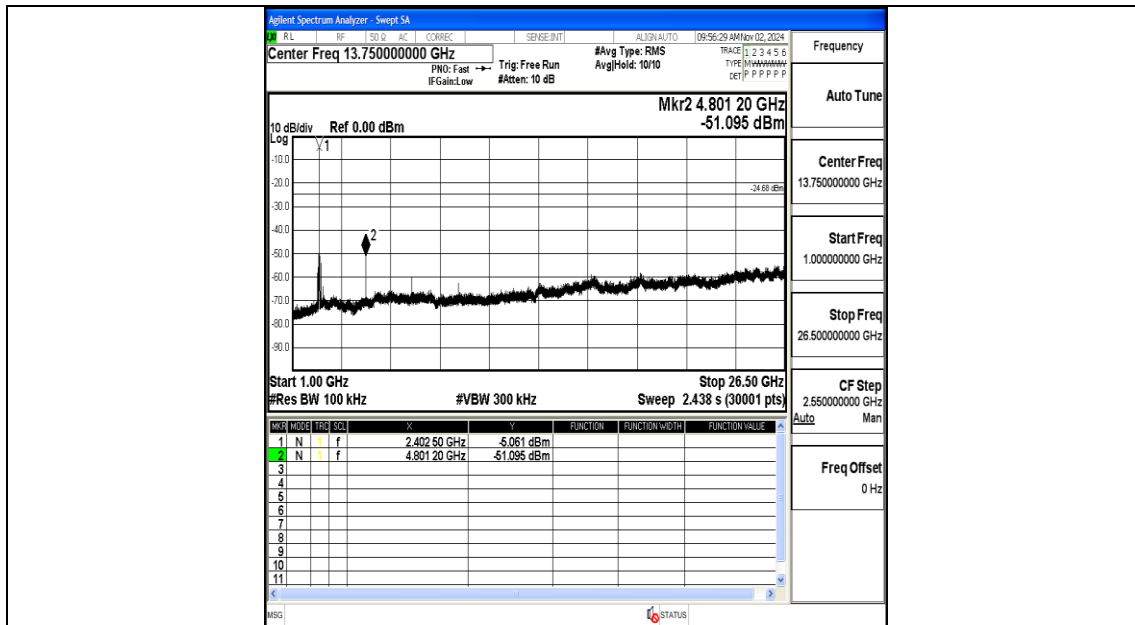
Appendix H: Conducted Spurious Emission

Test Result

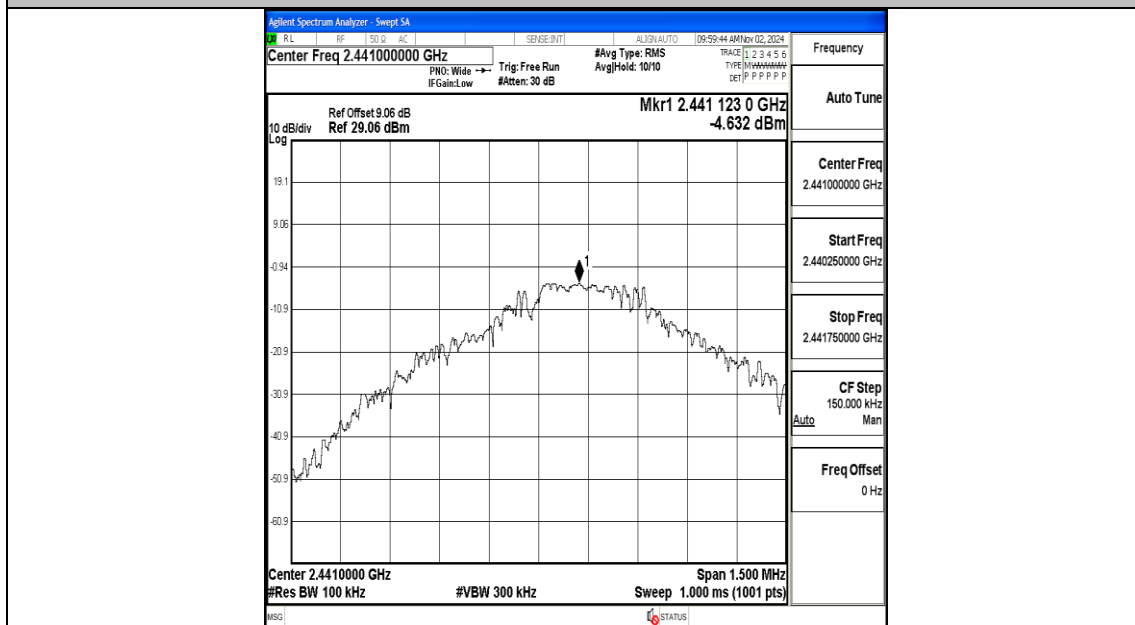
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-4.68	-4.68	---	PASS
DH5	Ant1	2402	30~1000	-4.68	-62.49	≤-24.68	PASS
DH5	Ant1	2402	1000~26500	-4.68	-51.1	≤-24.68	PASS
DH5	Ant1	2441	0~Reference	-4.63	-4.63	---	PASS
DH5	Ant1	2441	30~1000	-4.63	-64.07	≤-24.63	PASS
DH5	Ant1	2441	1000~26500	-4.63	-51.53	≤-24.63	PASS
DH5	Ant1	2480	0~Reference	-5.00	-5.00	---	PASS
DH5	Ant1	2480	30~1000	-5.00	-60.16	≤-25	PASS
DH5	Ant1	2480	1000~26500	-5.00	-53.07	≤-25	PASS
2DH5	Ant1	2402	0~Reference	-4.97	-4.97	---	PASS
2DH5	Ant1	2402	30~1000	-4.97	-62.04	≤-24.97	PASS
2DH5	Ant1	2402	1000~26500	-4.97	-51.71	≤-24.97	PASS
2DH5	Ant1	2441	0~Reference	-7.83	-7.83	---	PASS
2DH5	Ant1	2441	30~1000	-7.83	-64.97	≤-27.83	PASS
2DH5	Ant1	2441	1000~26500	-7.83	-51.37	≤-27.83	PASS
2DH5	Ant1	2480	0~Reference	-5.00	-5.00	---	PASS
2DH5	Ant1	2480	30~1000	-5.00	-64.55	≤-25	PASS
2DH5	Ant1	2480	1000~26500	-5.00	-53.19	≤-25	PASS

Test Graphs

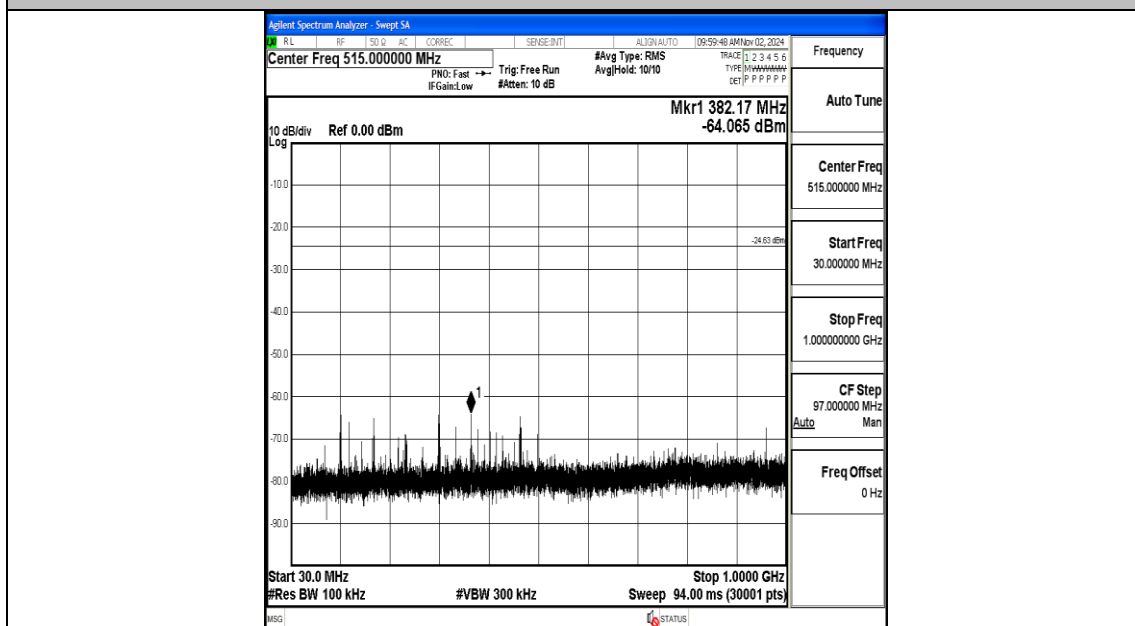




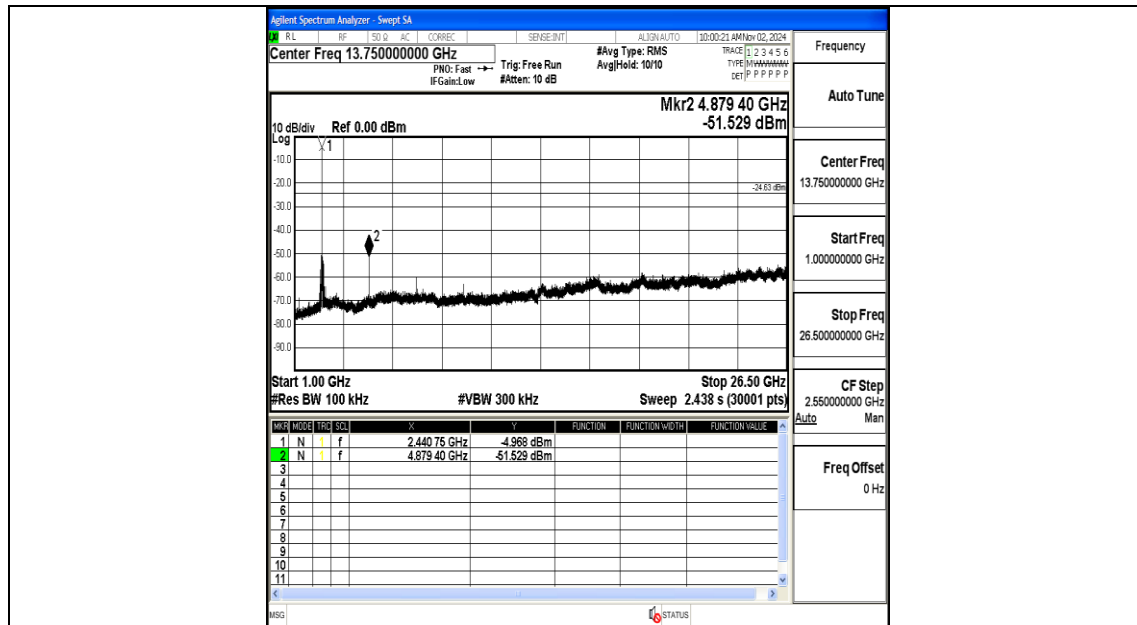
DH5-Ant1-2402-1000~26500-PASS



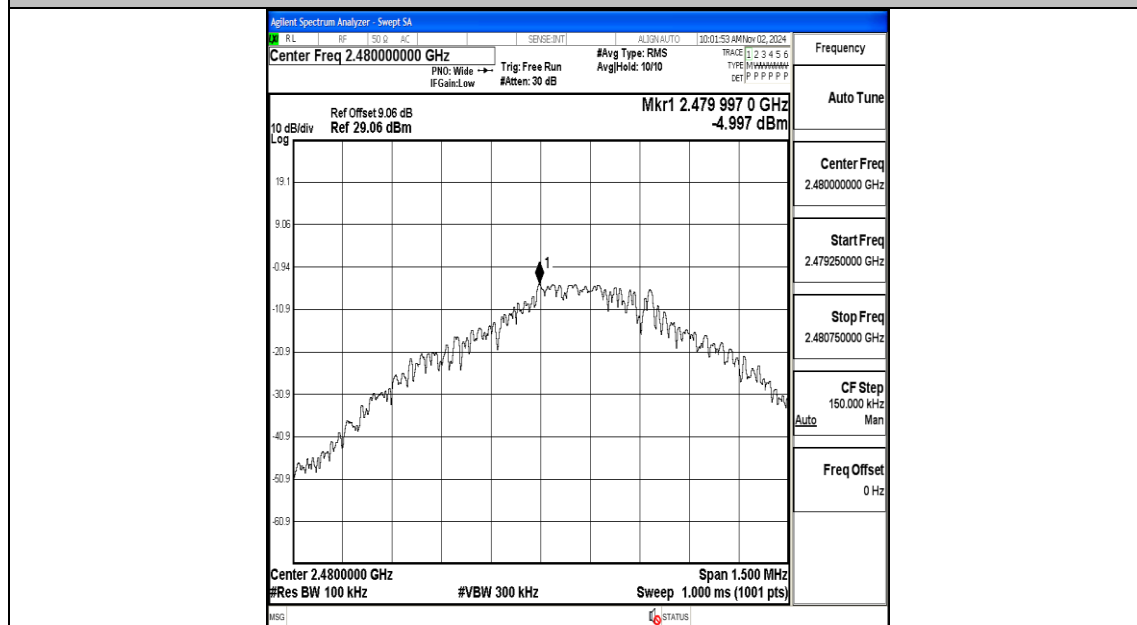
DH5-Ant1-2441-0~Reference-PASS



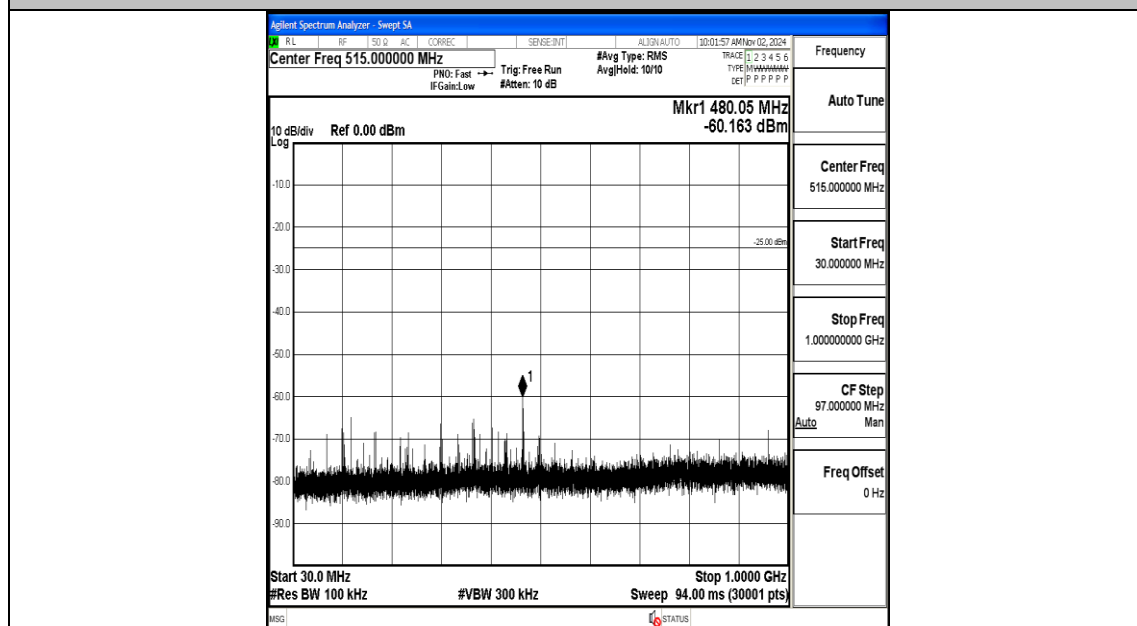
DH5-Ant1-2441-30~1000-PASS



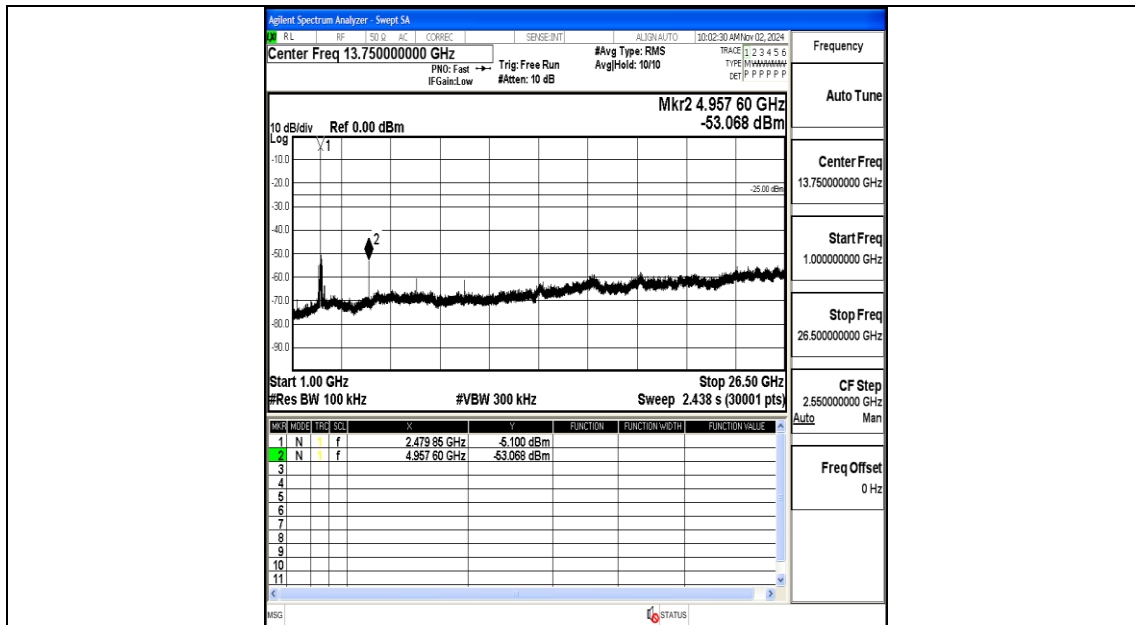
DH5-Ant1-2441-1000~26500-PASS



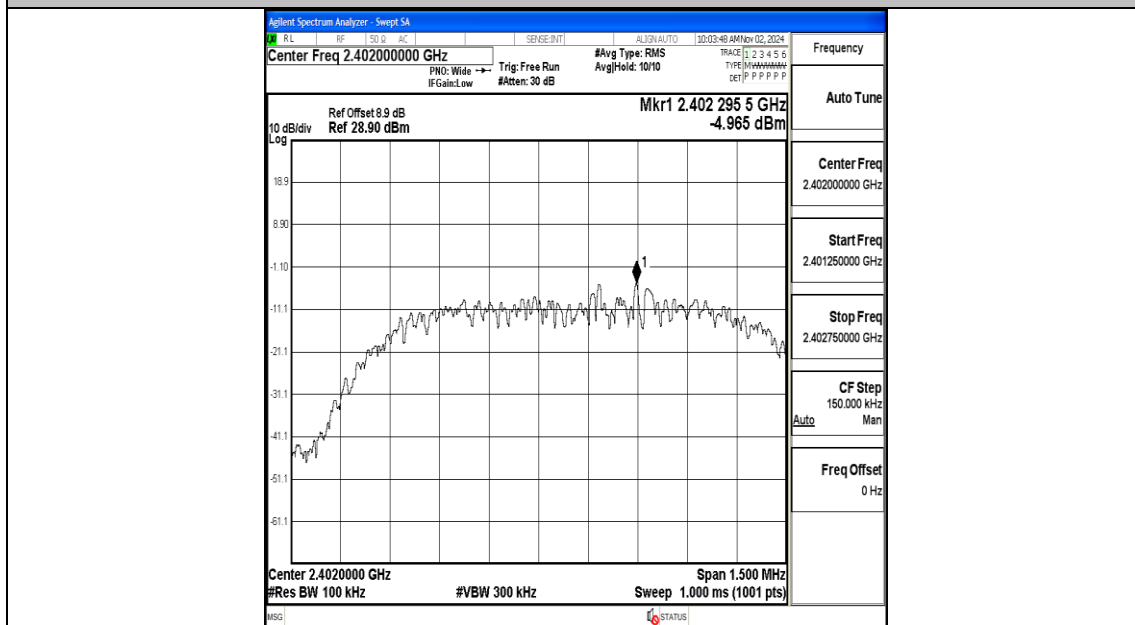
DH5-Ant1-2480-0~Reference-PASS



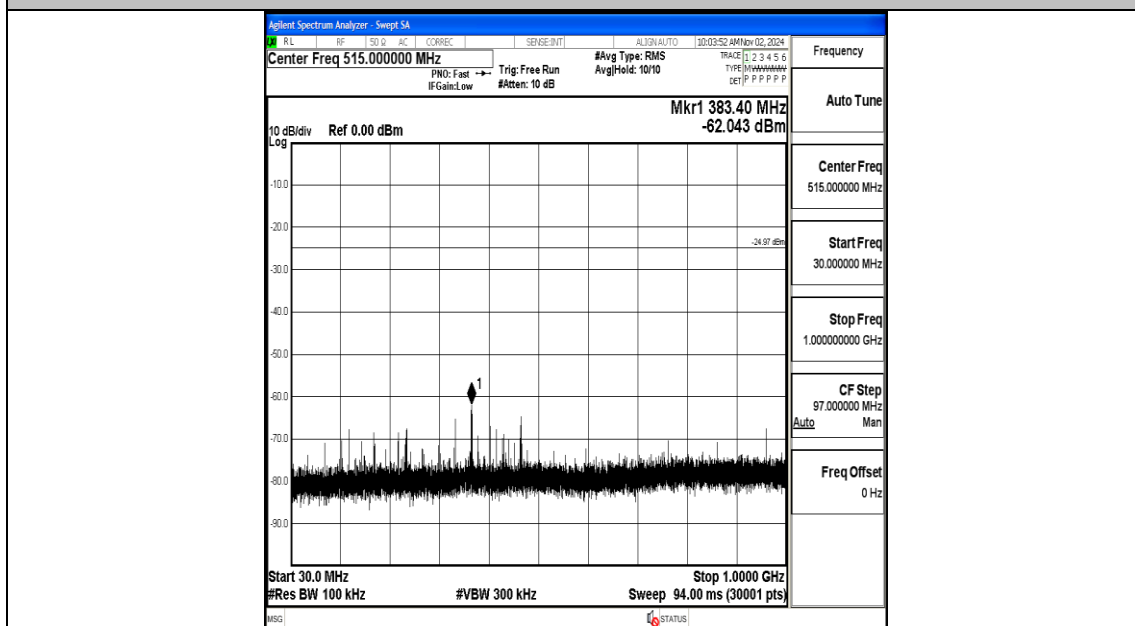
DH5-Ant1-2480-30~1000-PASS



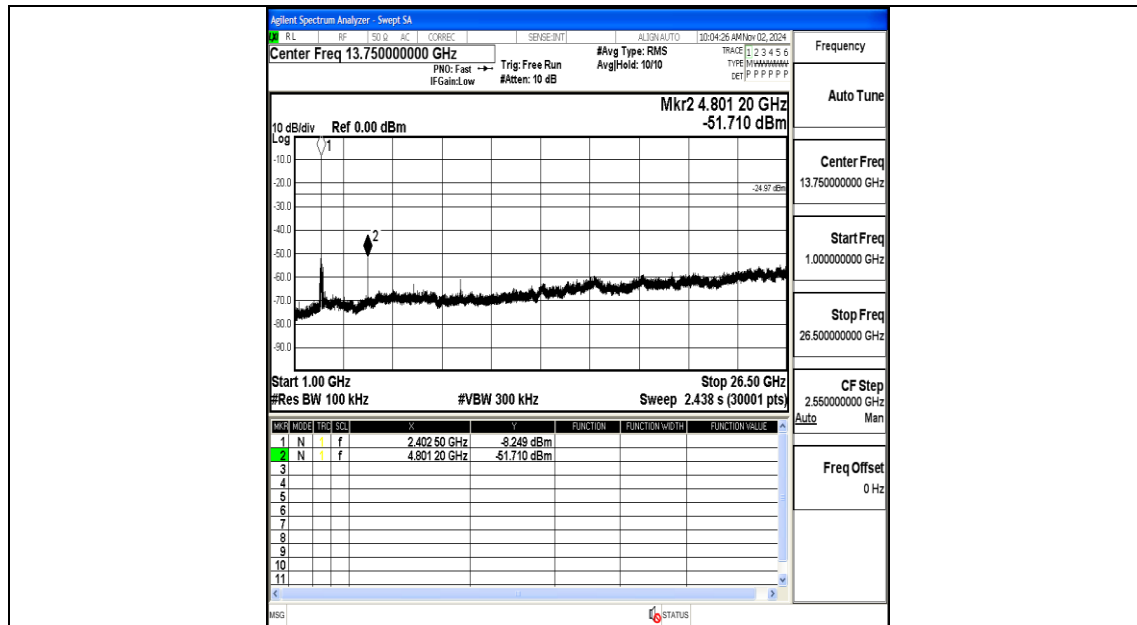
DH5-Ant1-2480-1000~26500-PASS



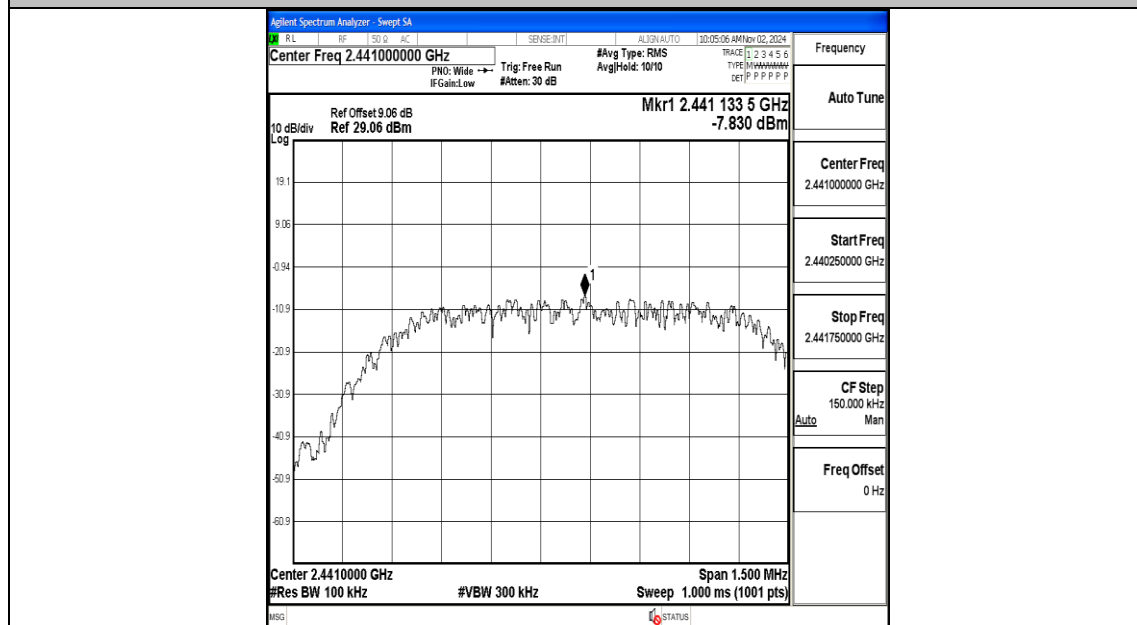
2DH5-Ant1-2402-0~Reference-PASS



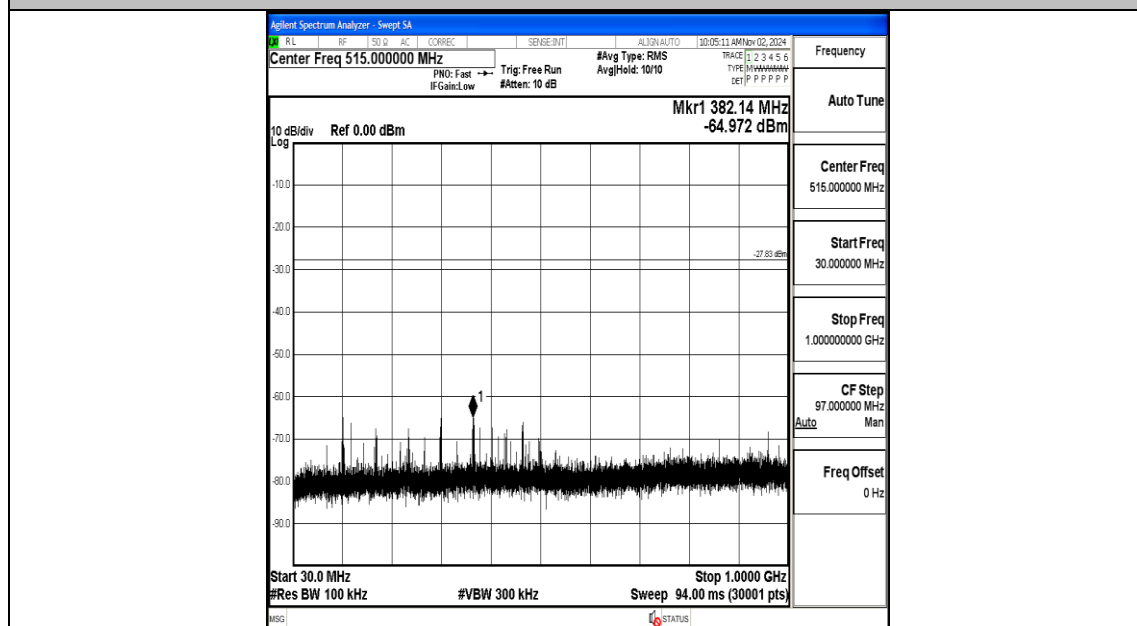
2DH5-Ant1-2402-30~1000-PASS



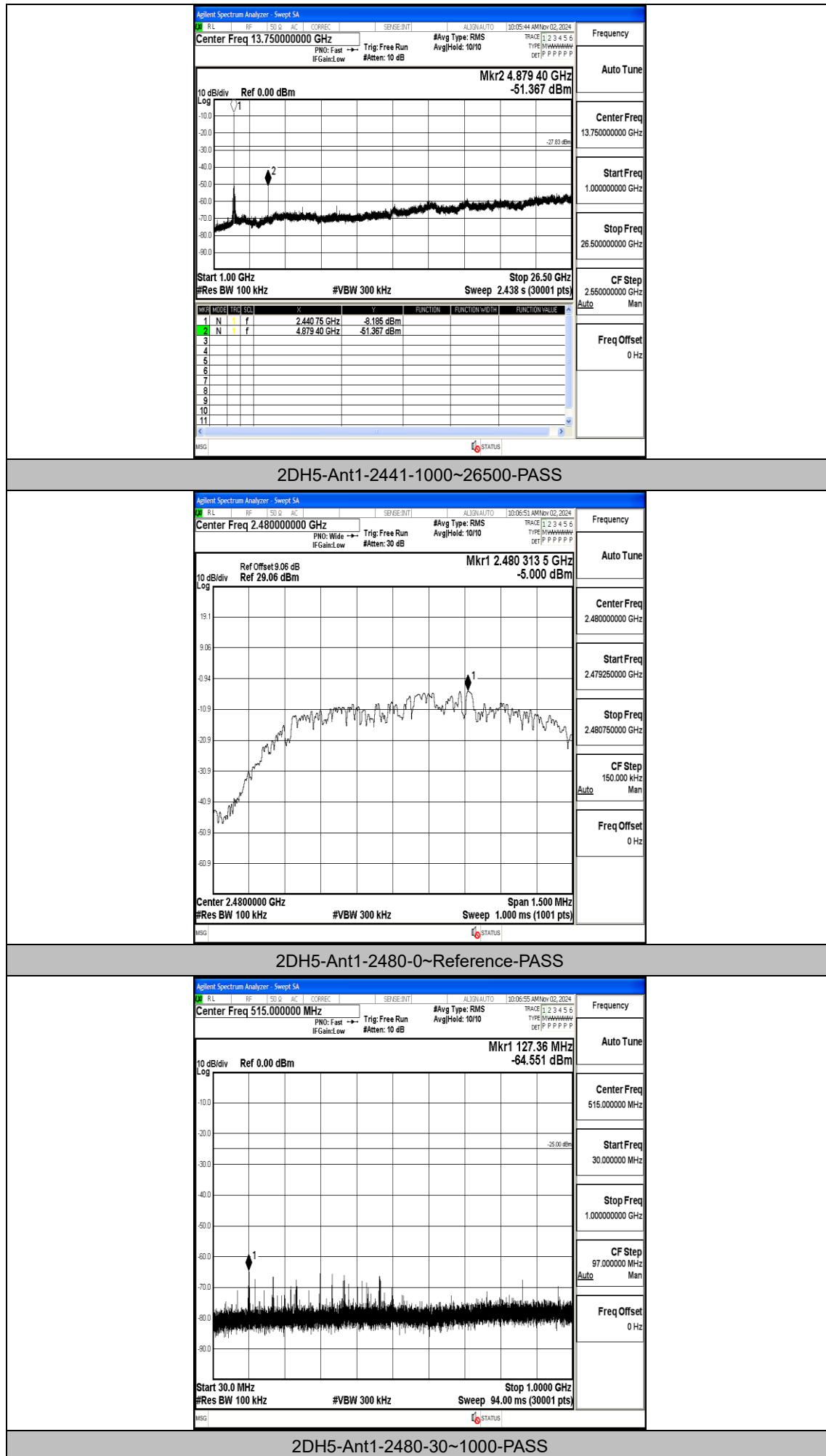
2DH5-Ant1-2402-1000~26500-PASS

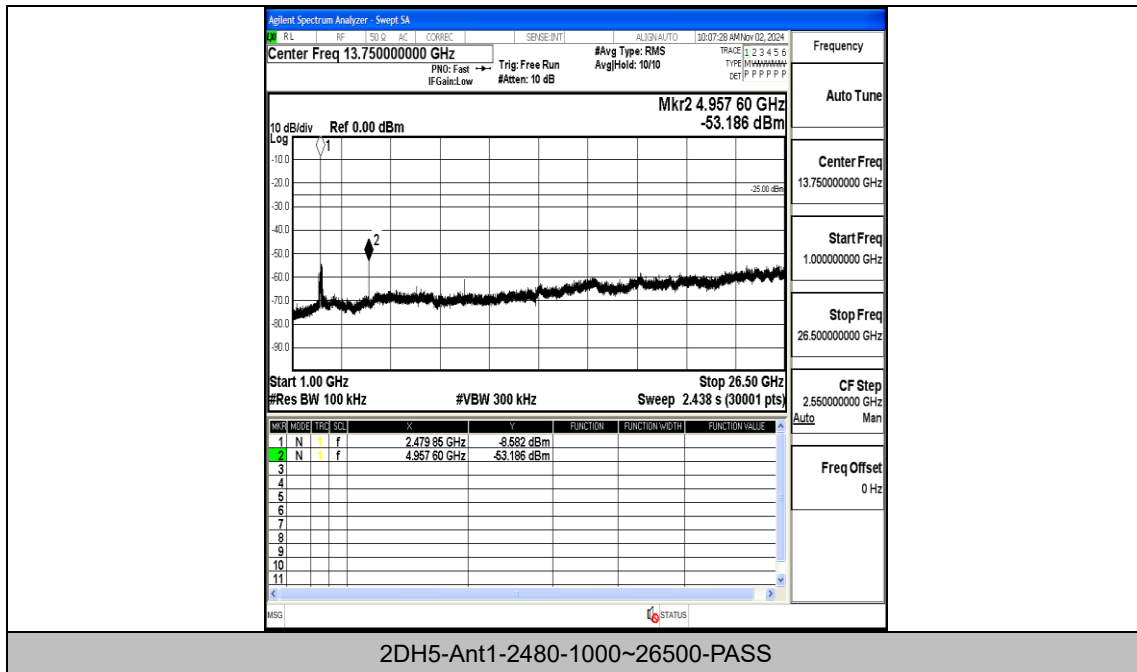


2DH5-Ant1-2441-0~Reference-PASS



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





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	2.87	3.75	76.53	1.16
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	2.88	3.75	76.80	1.15
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.75	77.07	1.13

Test Graphs

