

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

Product Name: Os Verdadeiros Fones de Ouvido Sem Fio

Trade Mark: N/A

Test Model: M20

FCC ID: 2BKHB-M20

Environmental Conditions

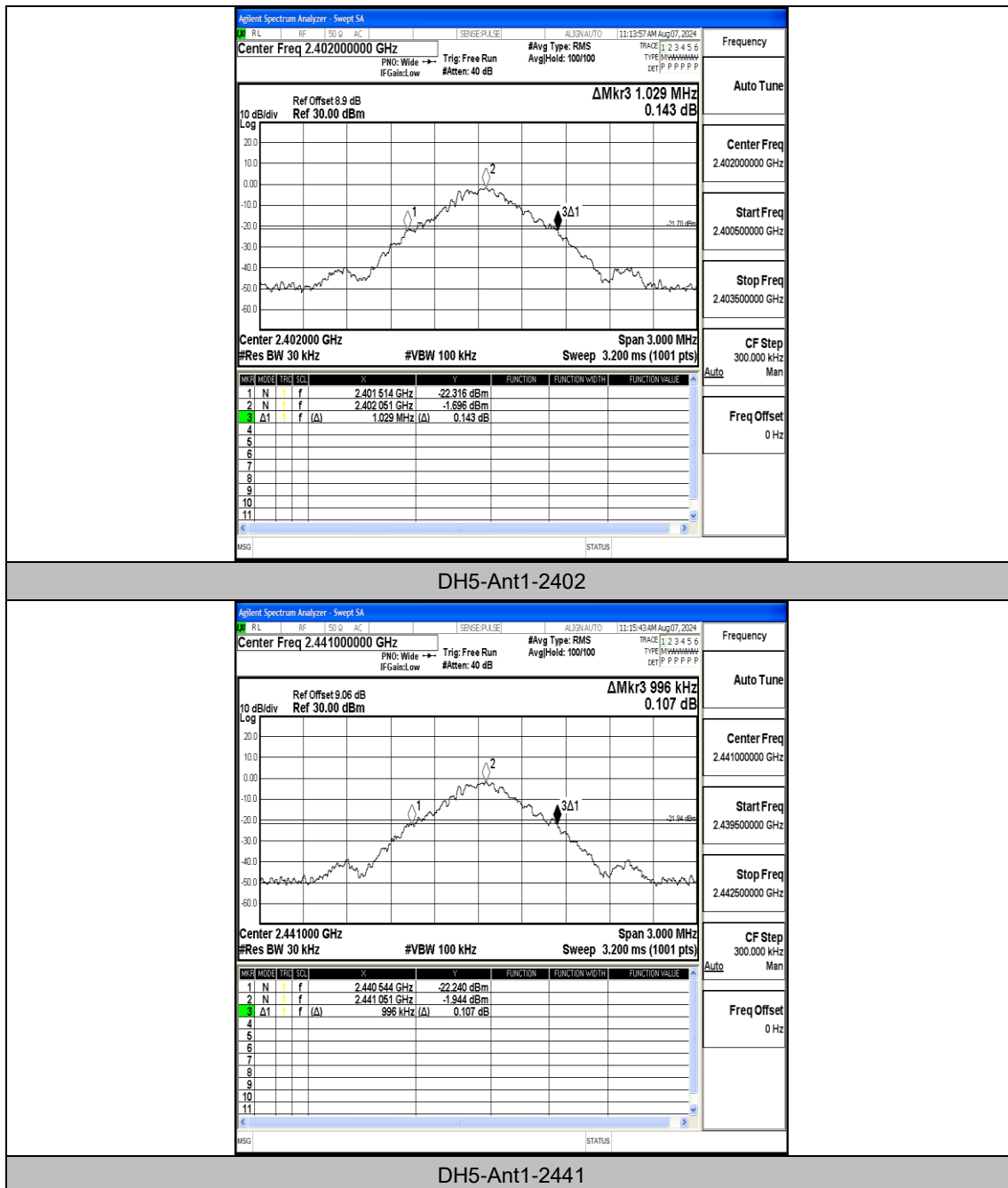
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

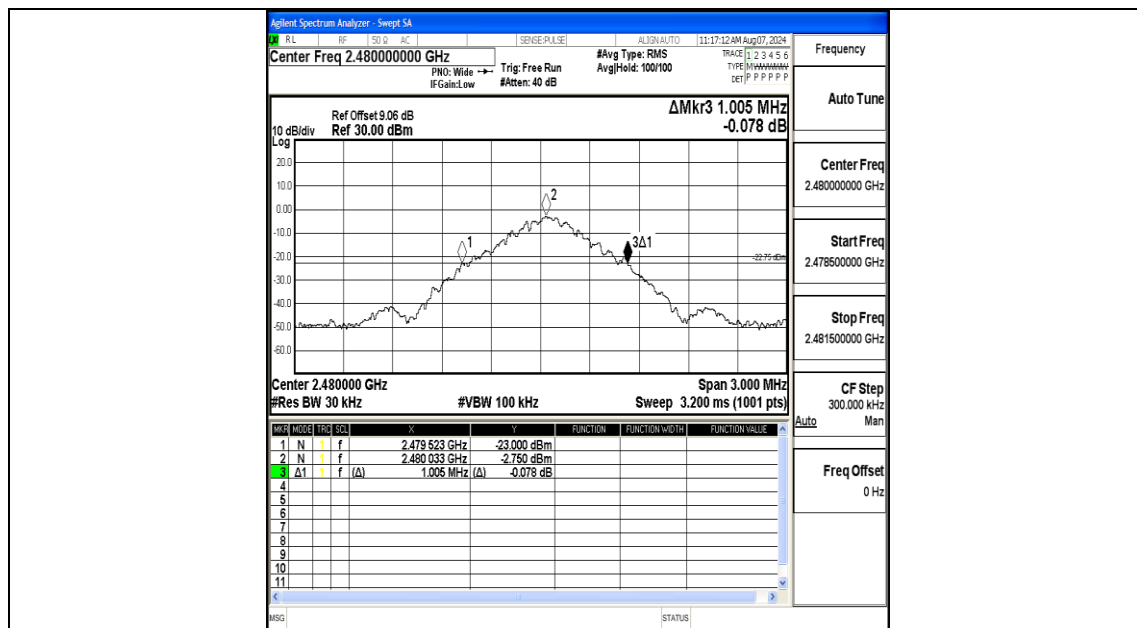
Appendix A: 20dB Emission Bandwidth

Test Result

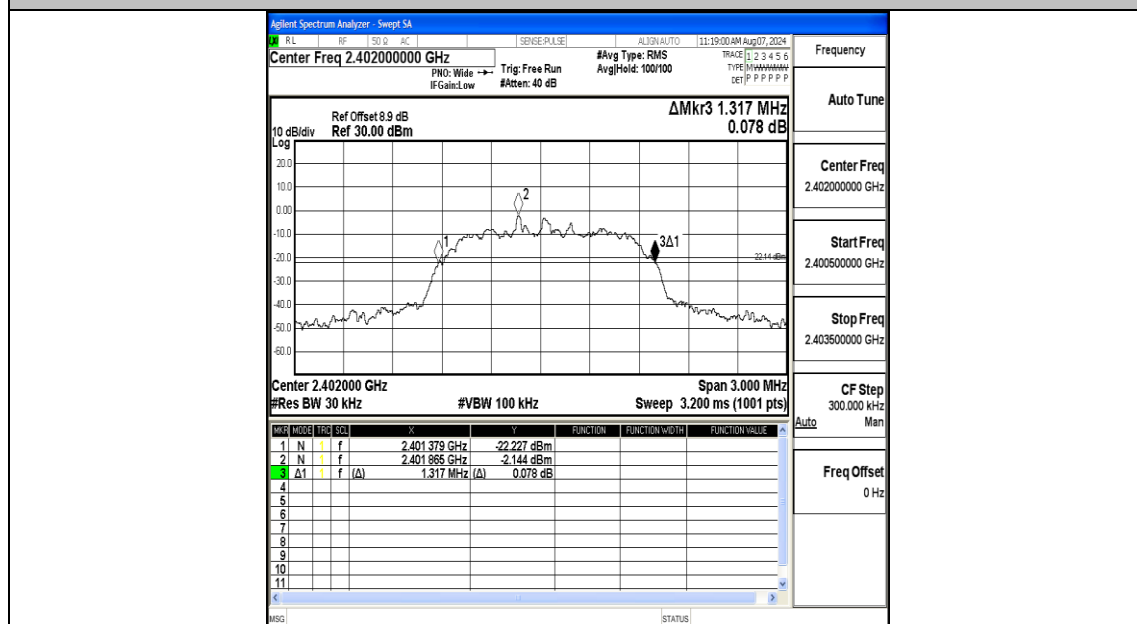
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.029	2401.514	2402.543	---	---
DH5	Ant1	2441	0.996	2440.544	2441.540	---	---
DH5	Ant1	2480	1.005	2479.523	2480.528	---	---
2DH5	Ant1	2402	1.317	2401.379	2402.696	---	---
2DH5	Ant1	2441	1.296	2440.400	2441.696	---	---
2DH5	Ant1	2480	1.302	2479.382	2480.684	---	---

Test Graphs

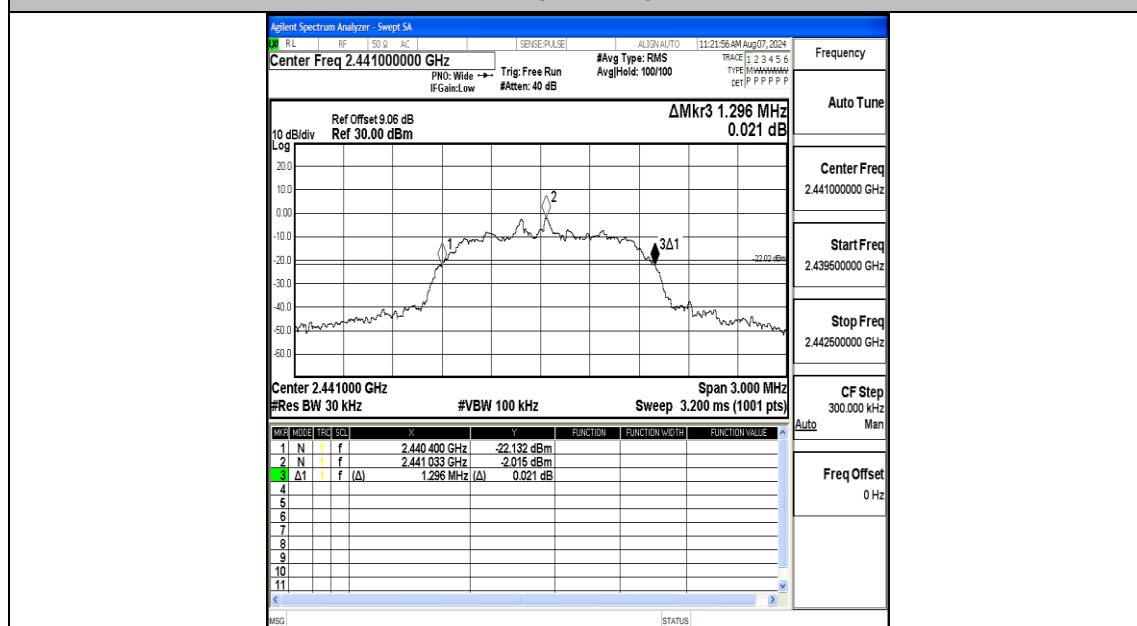




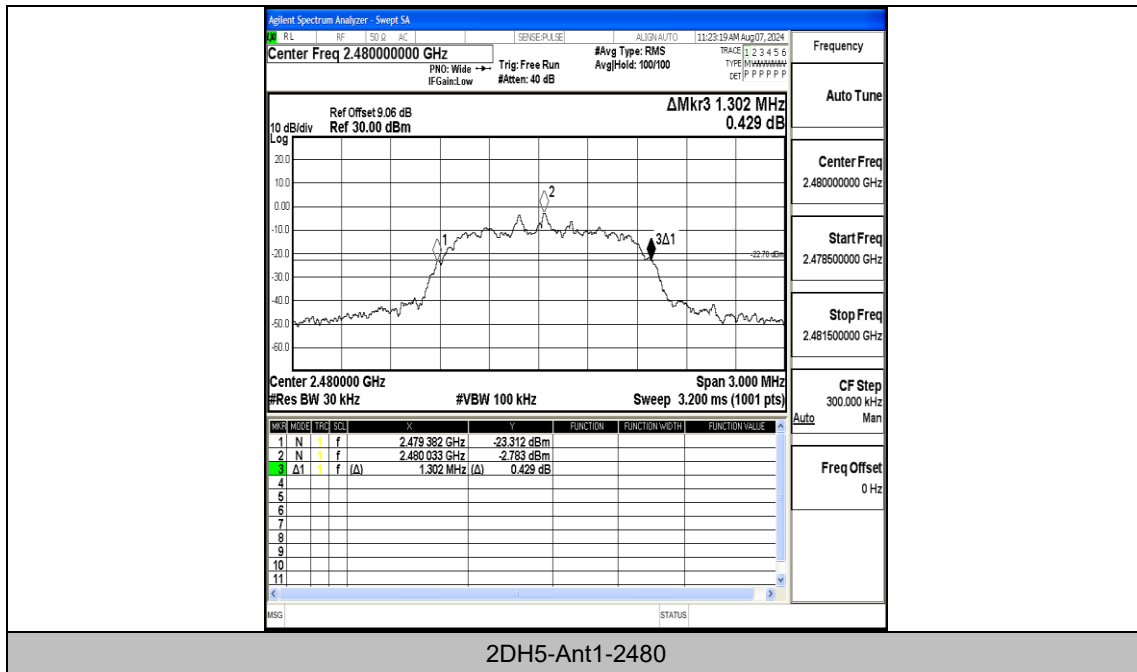
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441

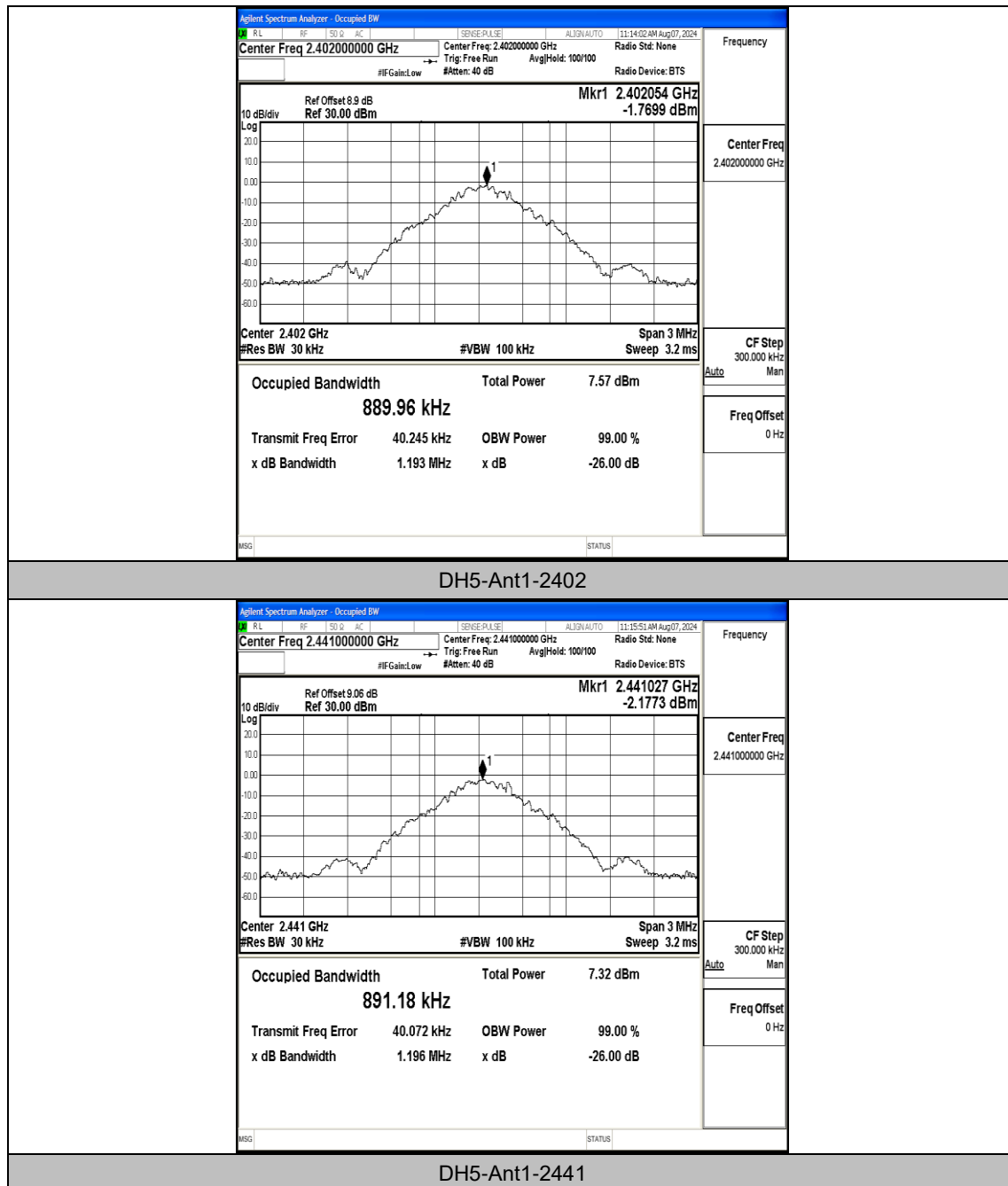


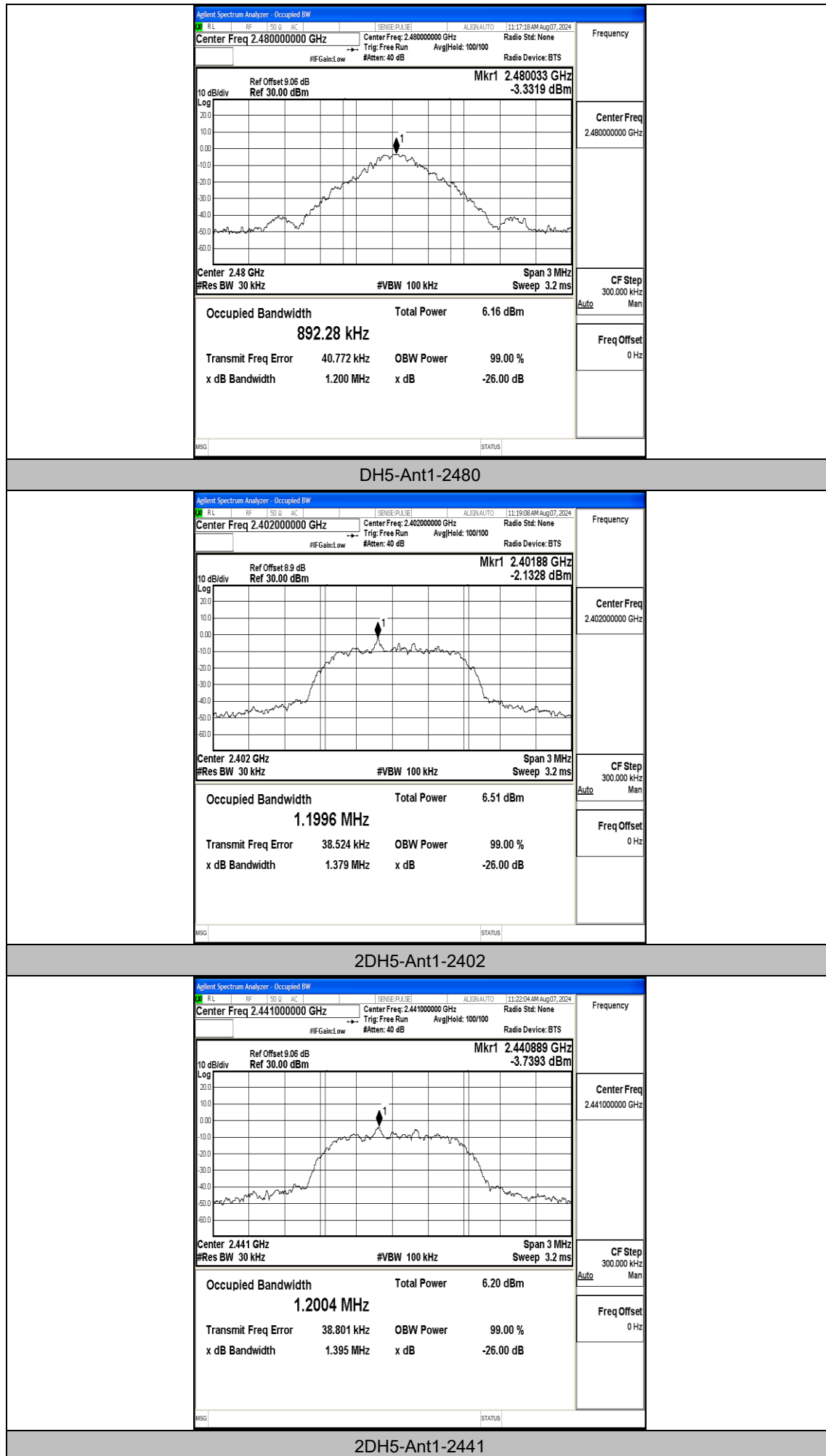
Appendix B: Occupied Channel Bandwidth

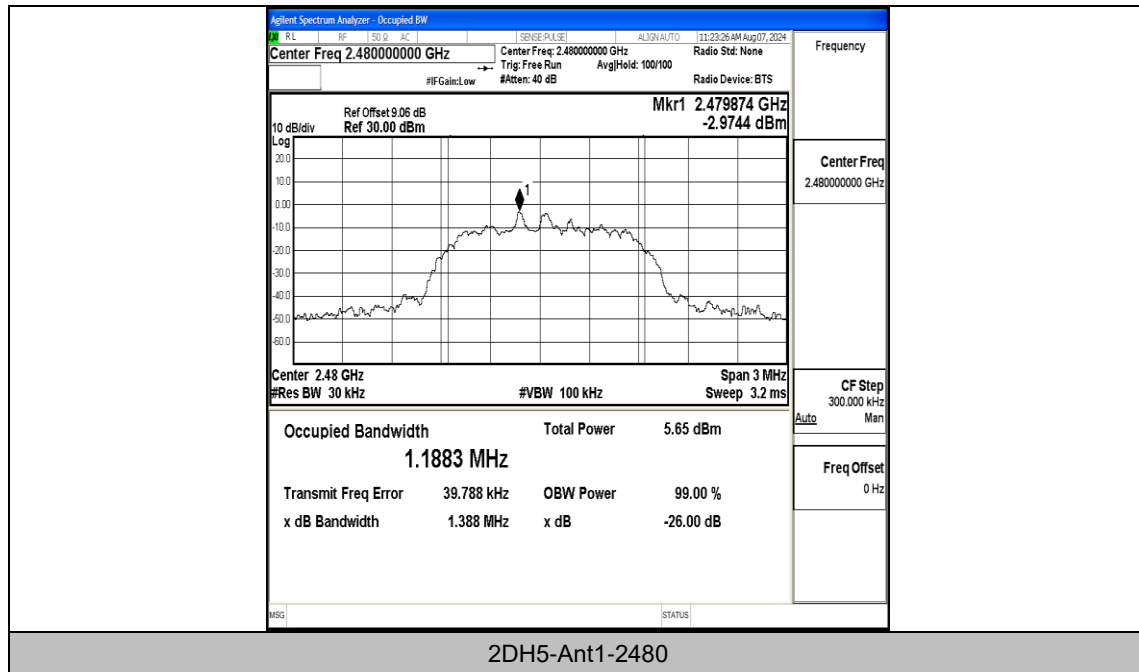
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88996	2401.5953	2402.4852	---	---
DH5	Ant1	2441	0.89118	2440.5945	2441.4857	---	---
DH5	Ant1	2480	0.89228	2479.5946	2480.4869	---	---
2DH5	Ant1	2402	1.1996	2401.4387	2402.6383	---	---
2DH5	Ant1	2441	1.2004	2440.4386	2441.6390	---	---
2DH5	Ant1	2480	1.1883	2479.4456	2480.6339	---	---

Test Graphs





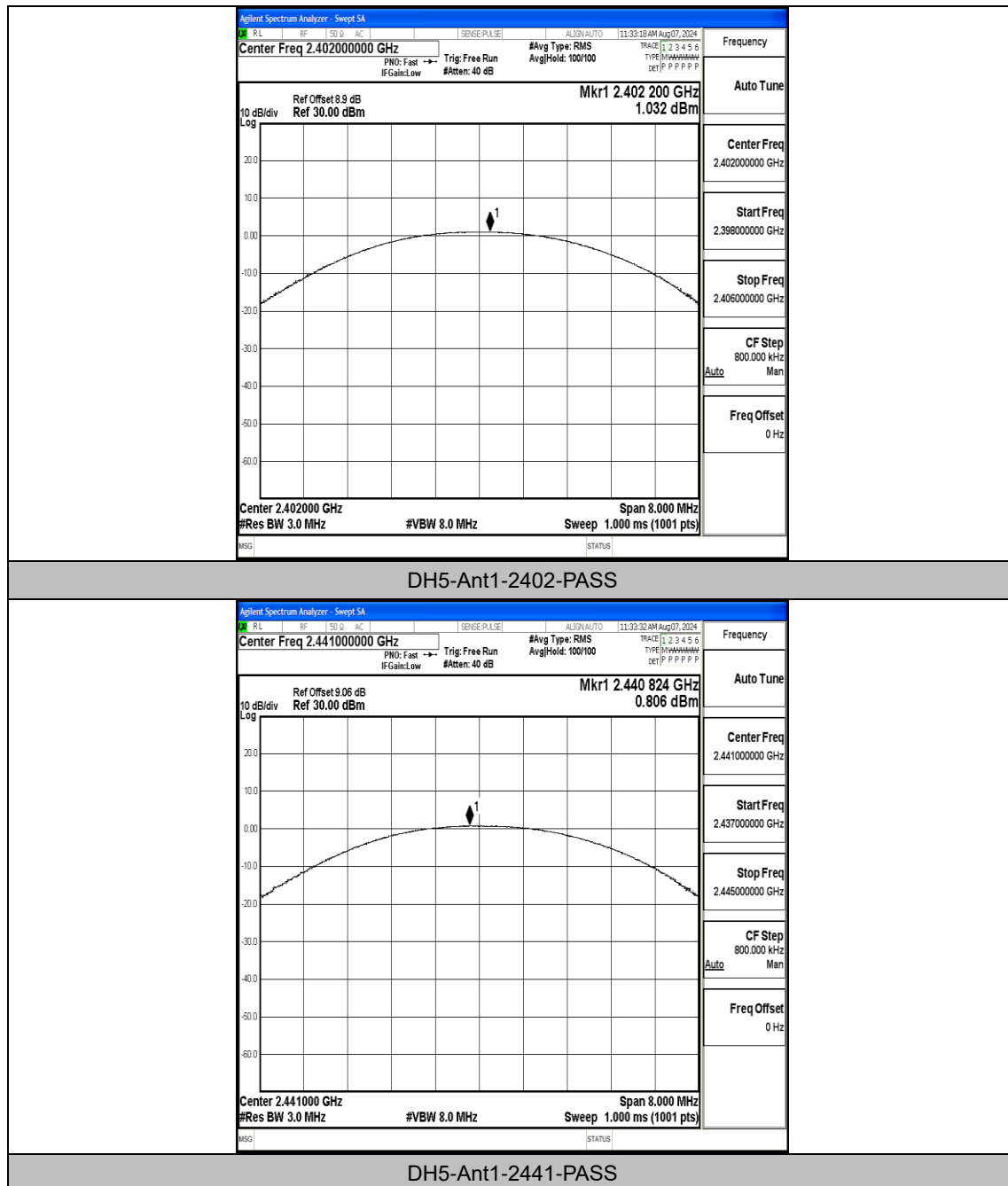


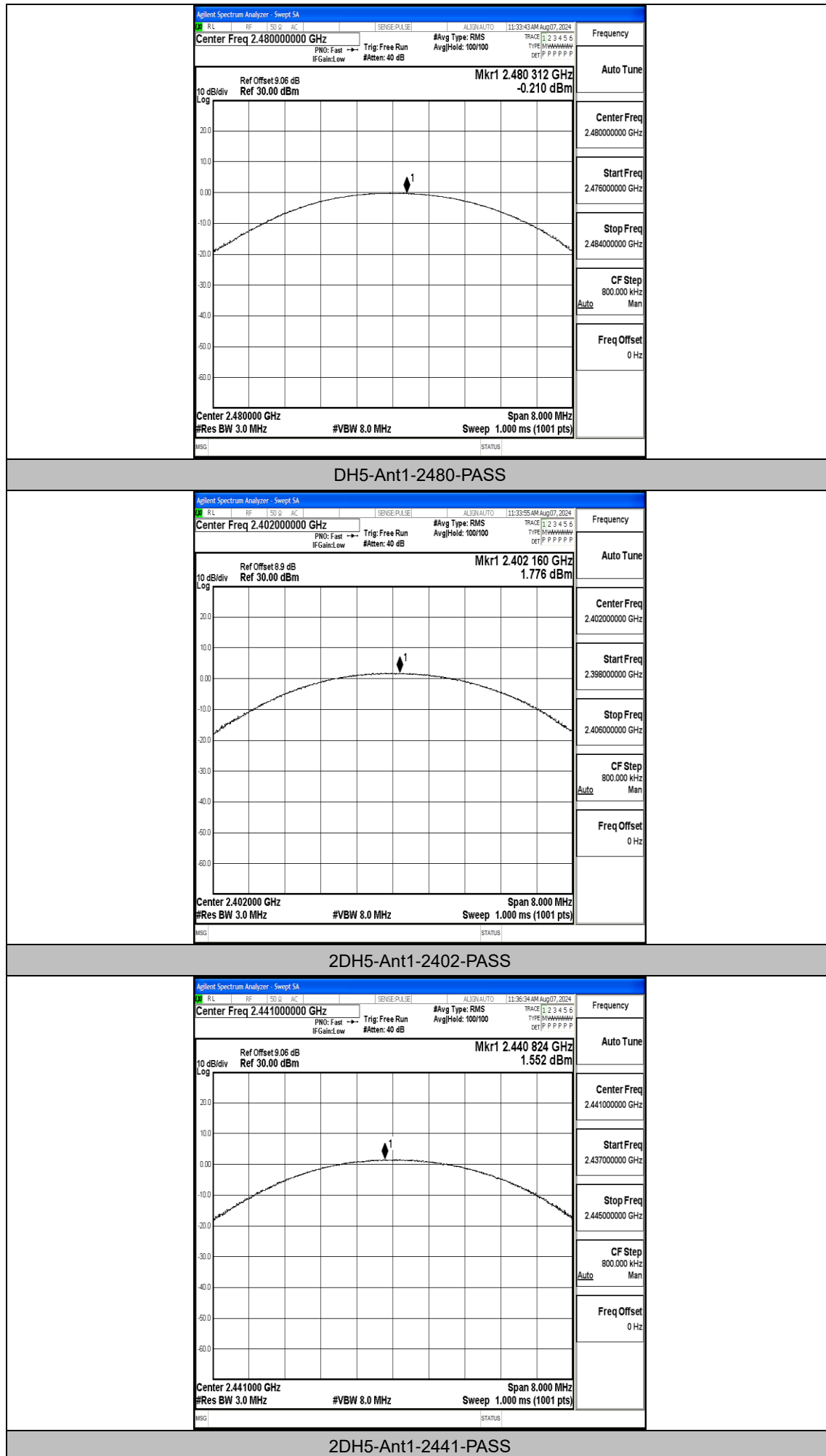
Appendix C: Maximum peak conducted output power

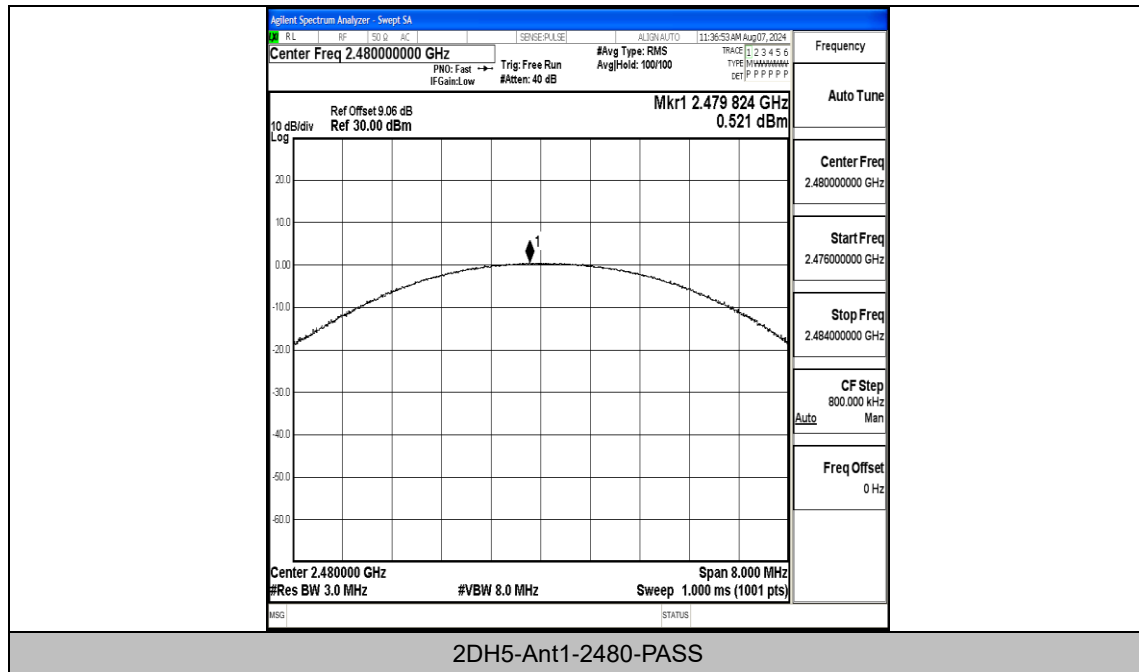
Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.03	≤20.97	PASS
DH5	Ant1	2441	0.81	≤20.97	PASS
DH5	Ant1	2480	-0.21	≤20.97	PASS
2DH5	Ant1	2402	1.78	≤20.97	PASS
2DH5	Ant1	2441	1.55	≤20.97	PASS
2DH5	Ant1	2480	0.52	≤20.97	PASS

Test Graphs





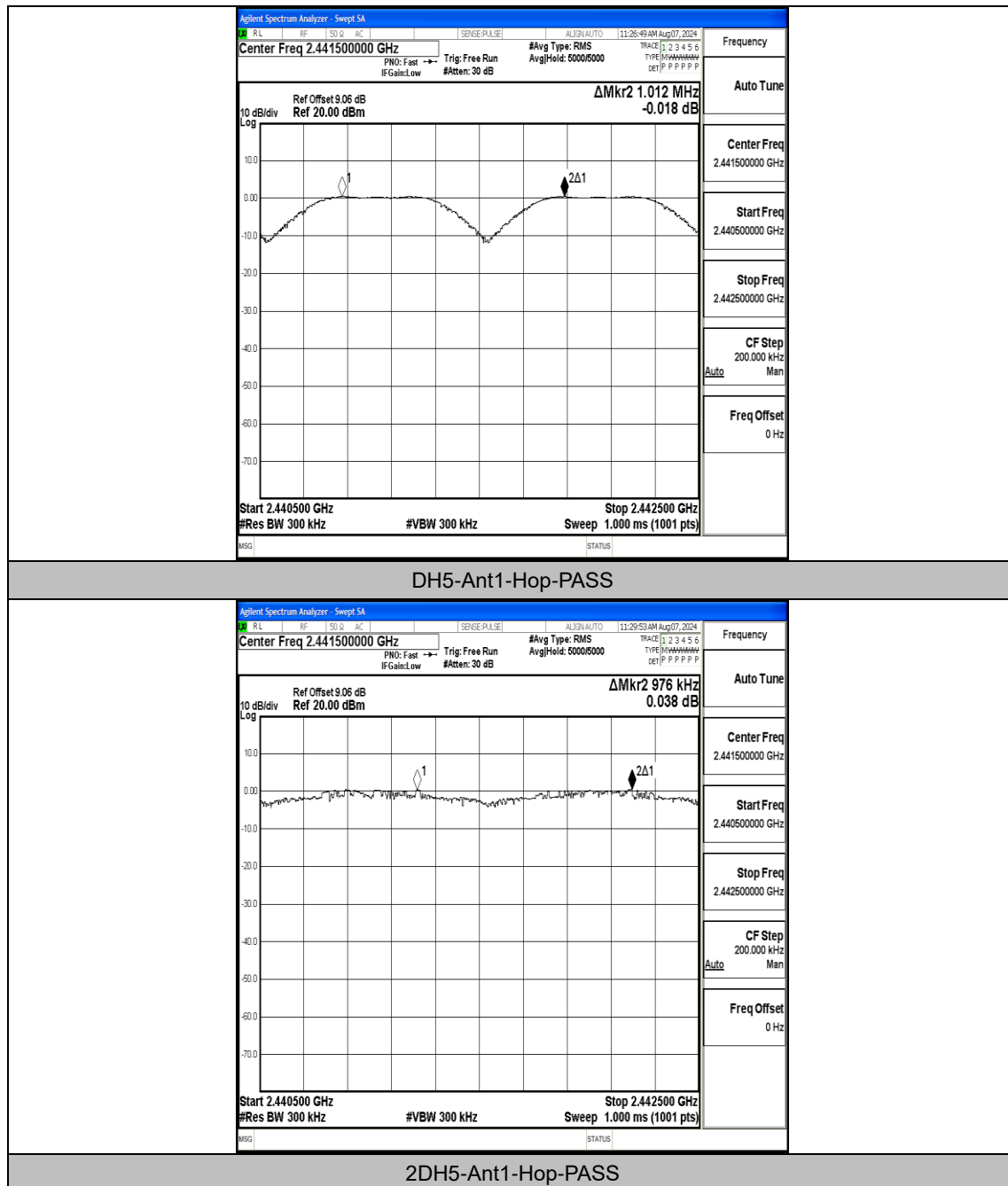


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.012	≥ 0.686	PASS
2DH5	Ant1	Hop	0.976	≥ 0.878	PASS

Test Graphs

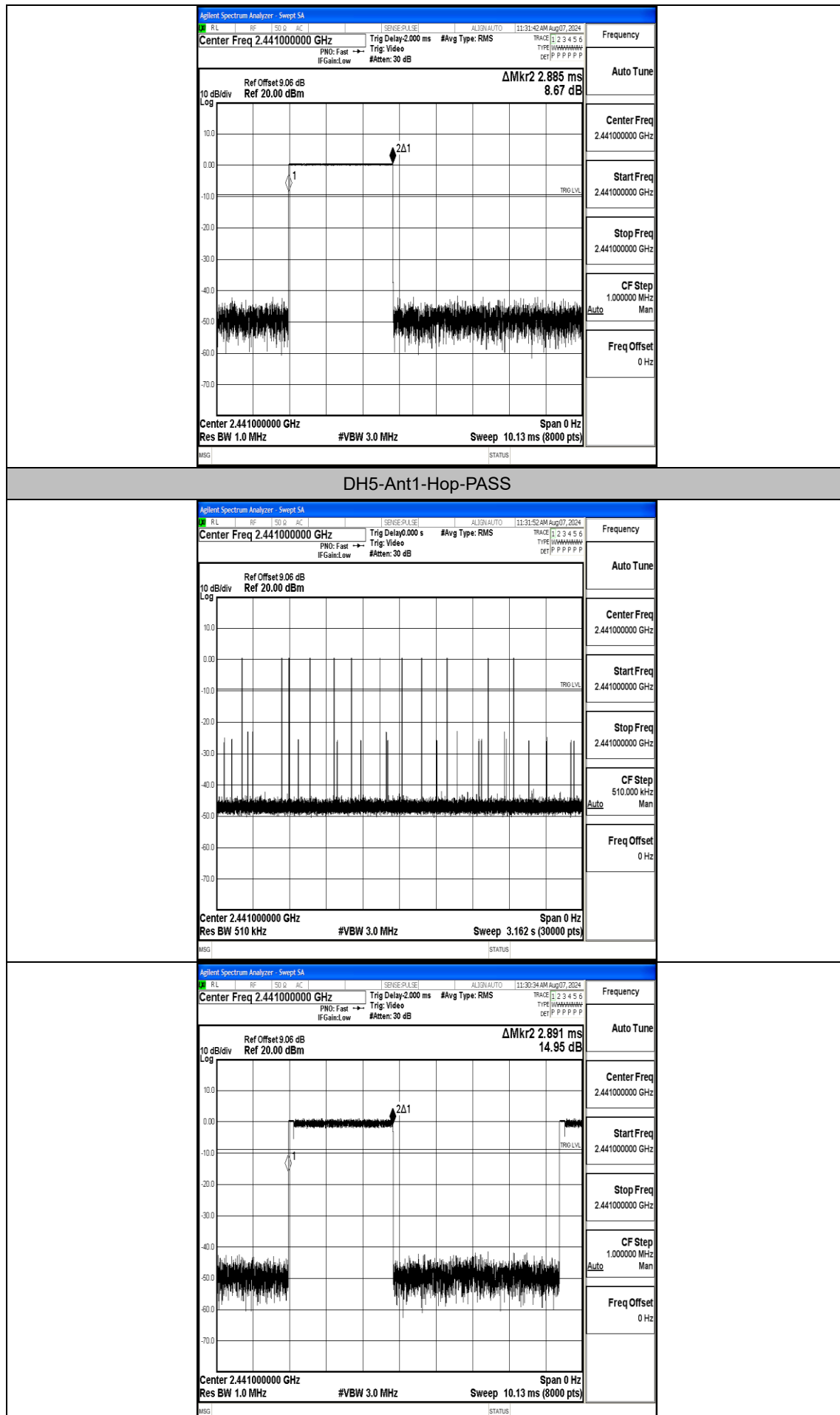


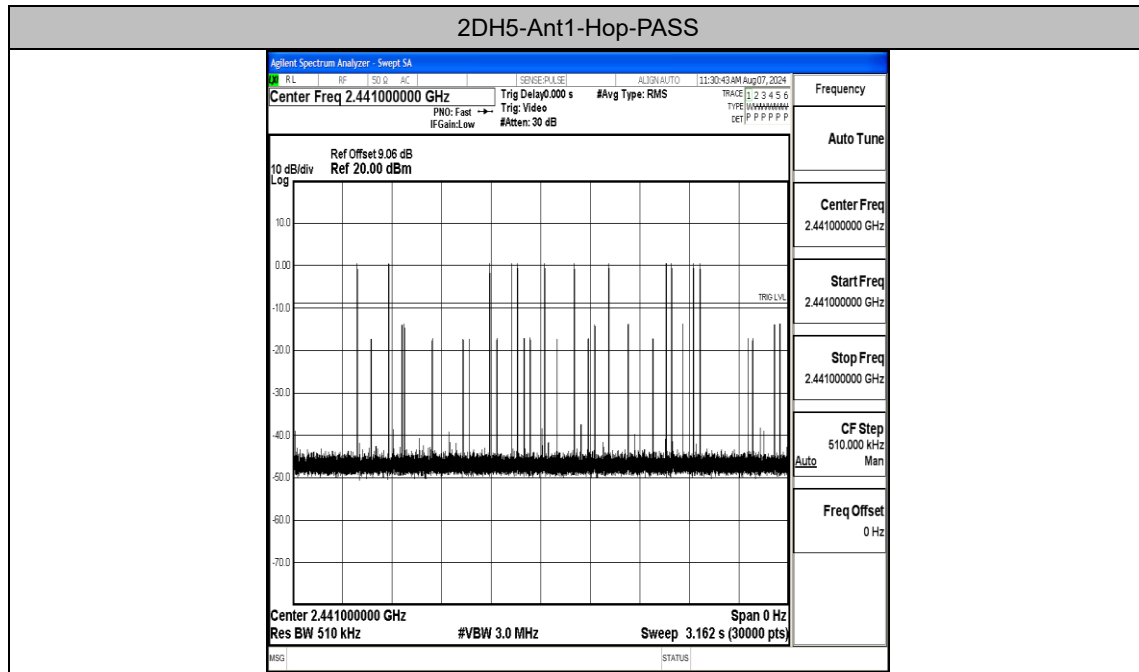
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.885	130	0.375	≤0.4	PASS
2DH5	Ant1	Hop	2.891	130	0.376	≤0.4	PASS

Test Graphs



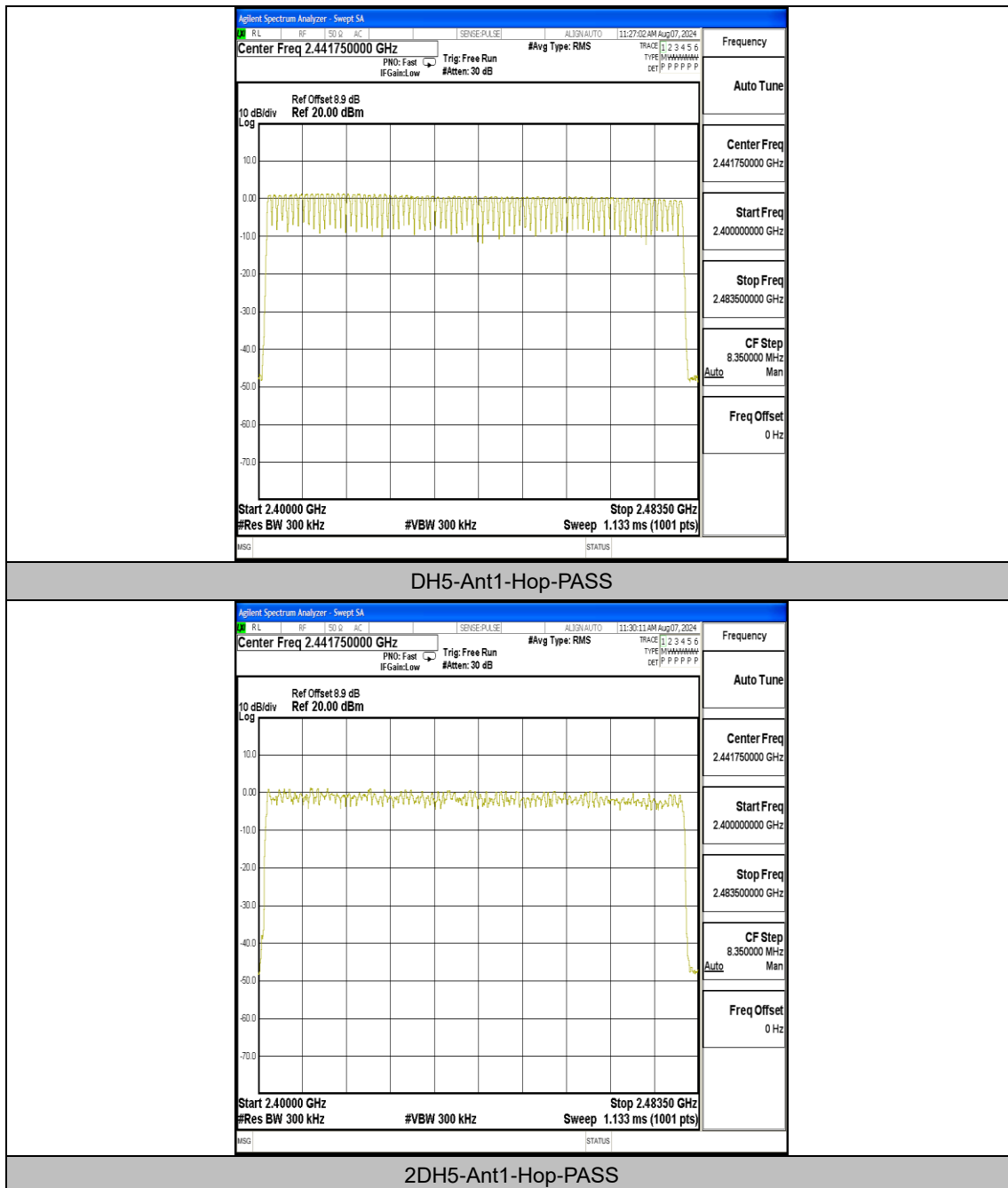


Appendix F: Number of hopping channels

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

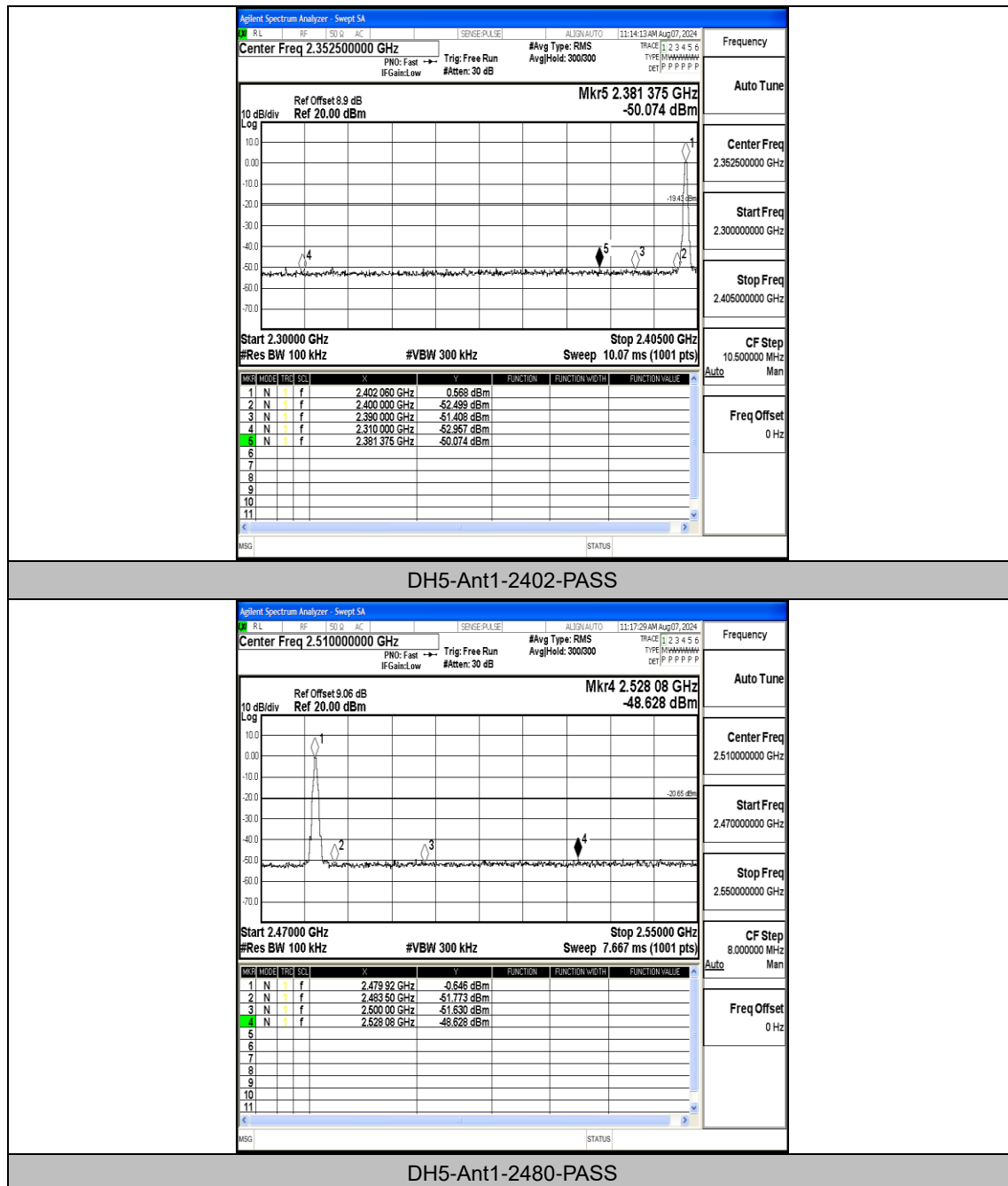


Appendix G: Band edge measurements

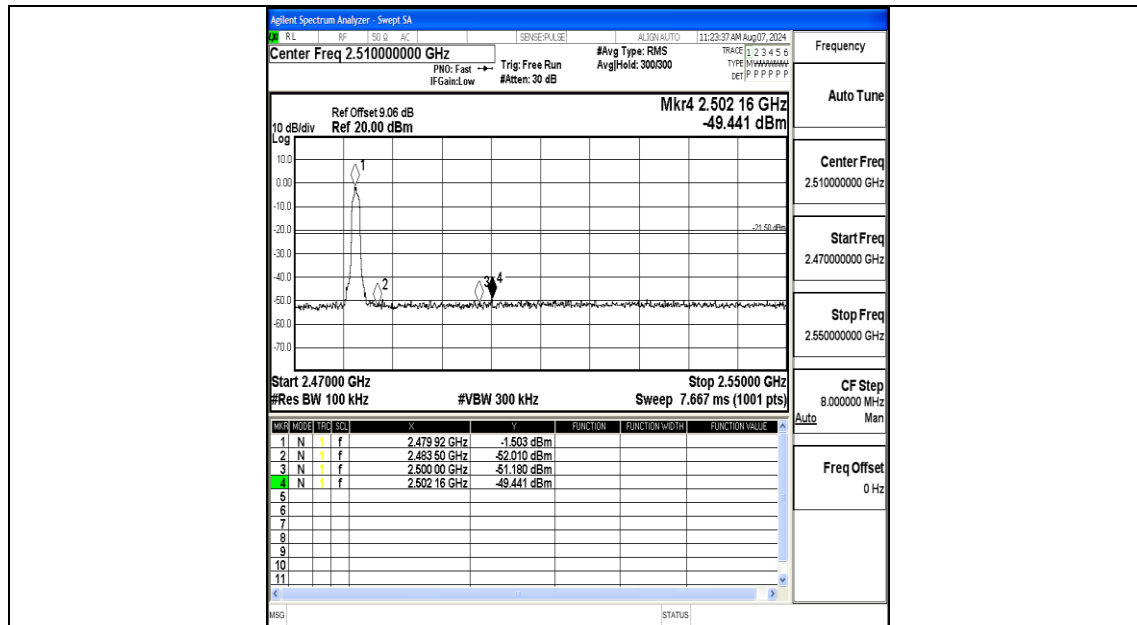
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.57	-50.07	≤-19.43	PASS
DH5	Ant1	High	2480	-0.65	-48.63	≤-20.65	PASS
DH5	Ant1	Low	Hop_2402	-0.24	-49.75	≤-20.24	PASS
DH5	Ant1	High	Hop_2480	-0.84	-49.5	≤-20.84	PASS
2DH5	Ant1	Low	2402	0.67	-49.14	≤-19.33	PASS
2DH5	Ant1	High	2480	-1.50	-49.44	≤-21.5	PASS
2DH5	Ant1	Low	Hop_2402	-2.79	-50.46	≤-22.79	PASS
2DH5	Ant1	High	Hop_2480	-3.43	-49.19	≤-23.43	PASS

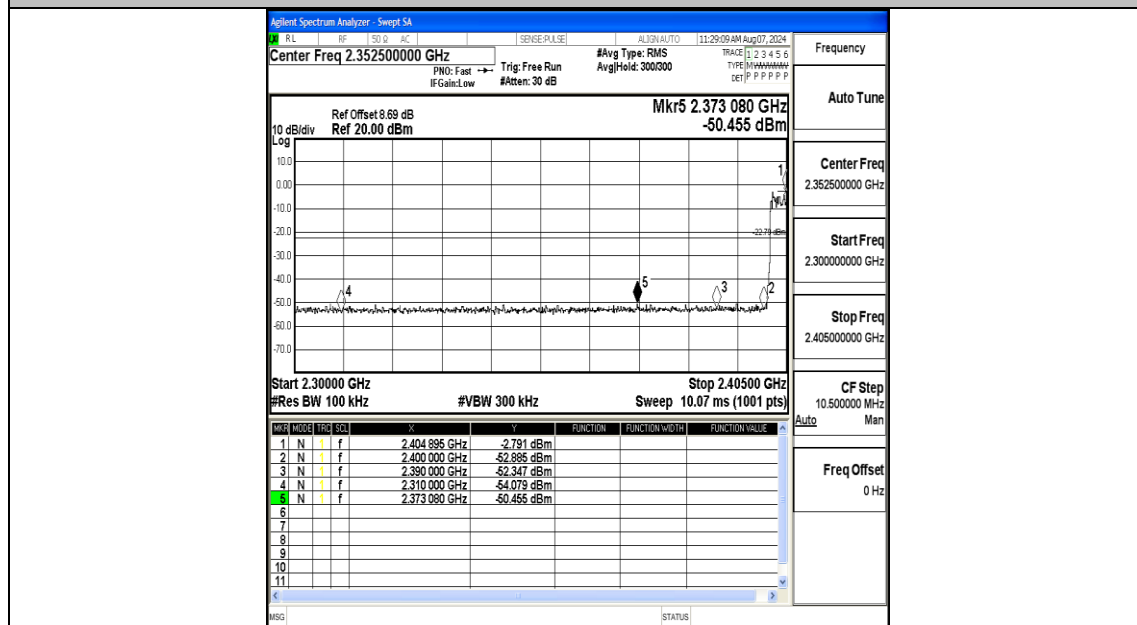
Test Graphs



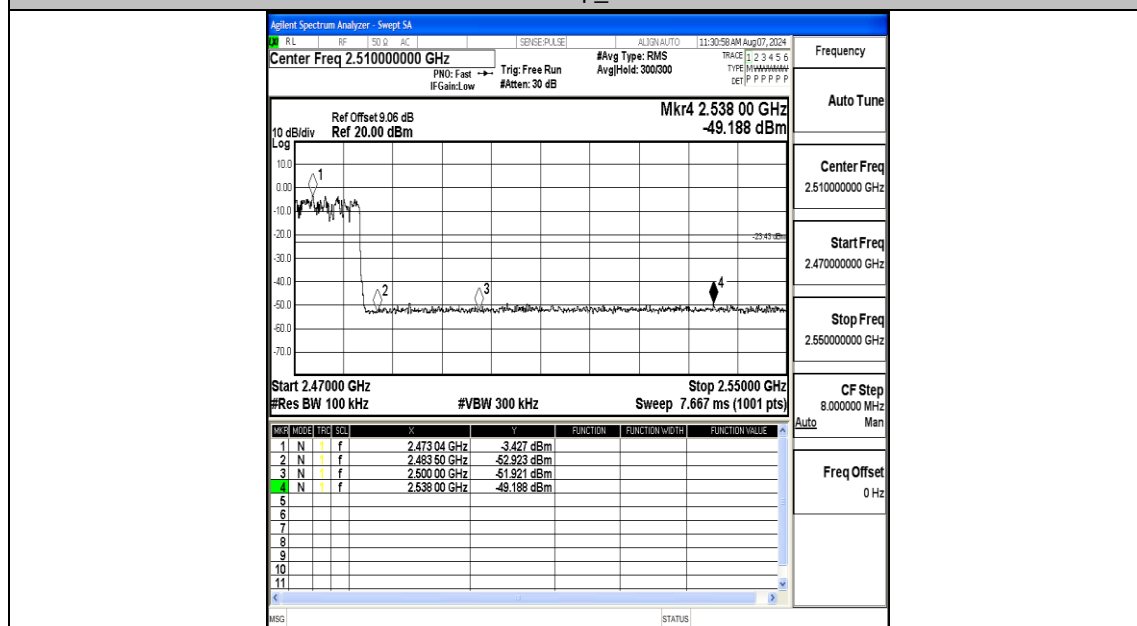




2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS



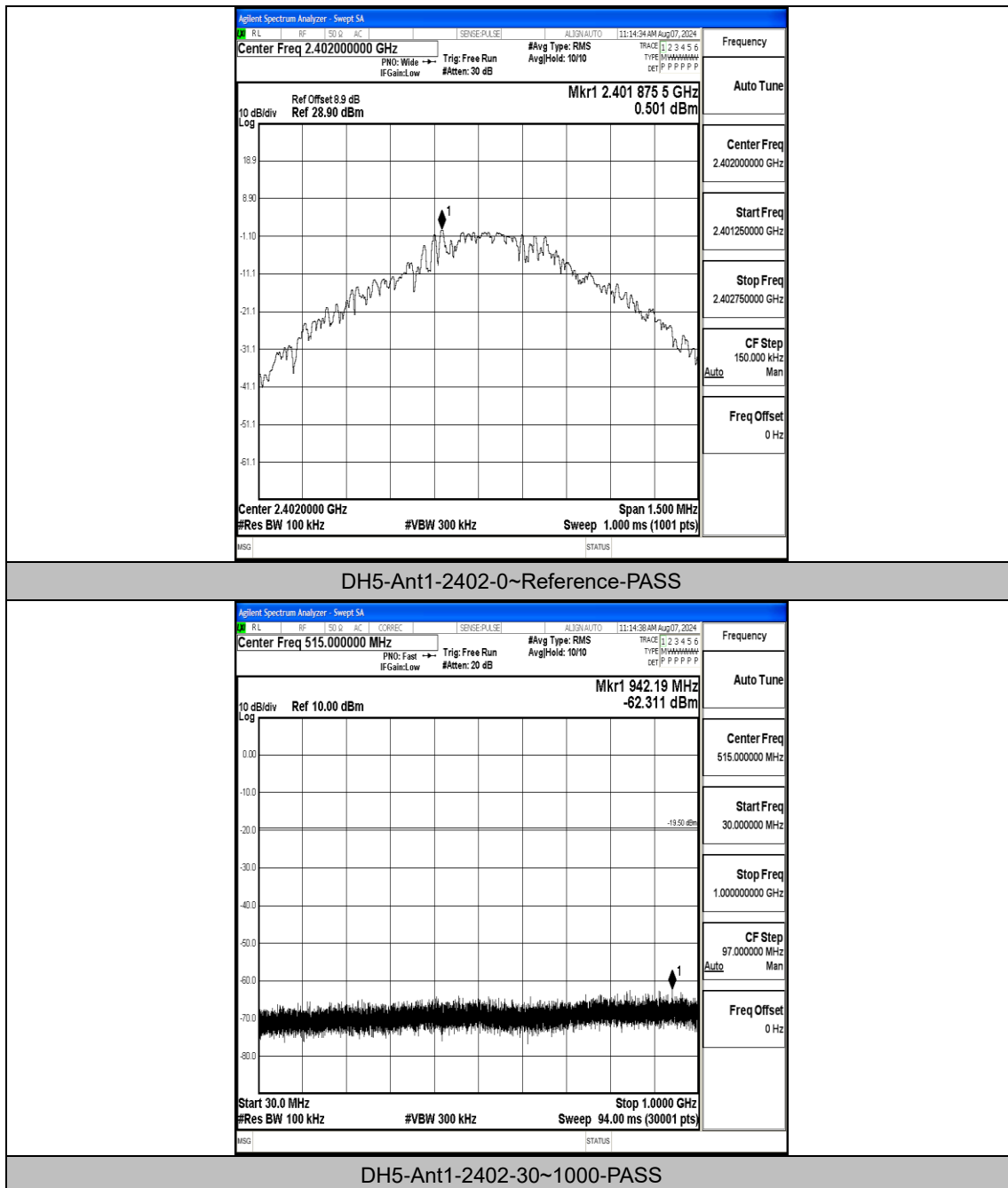
2DH5-Ant1-Hop_2480-PASS

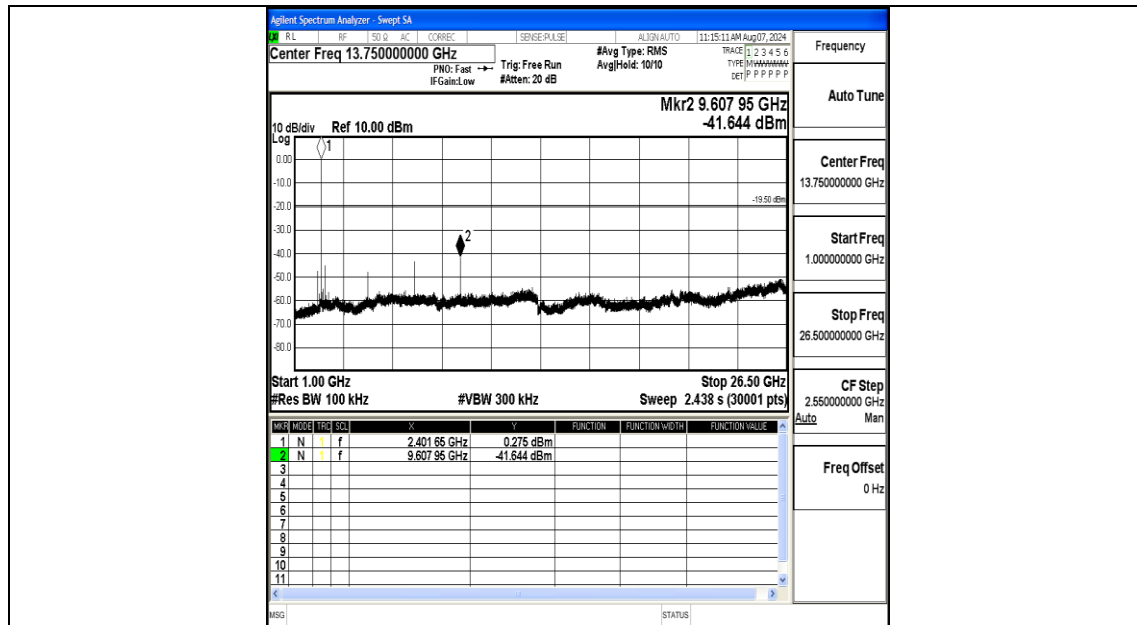
Appendix H: Conducted Spurious Emission

Test Result

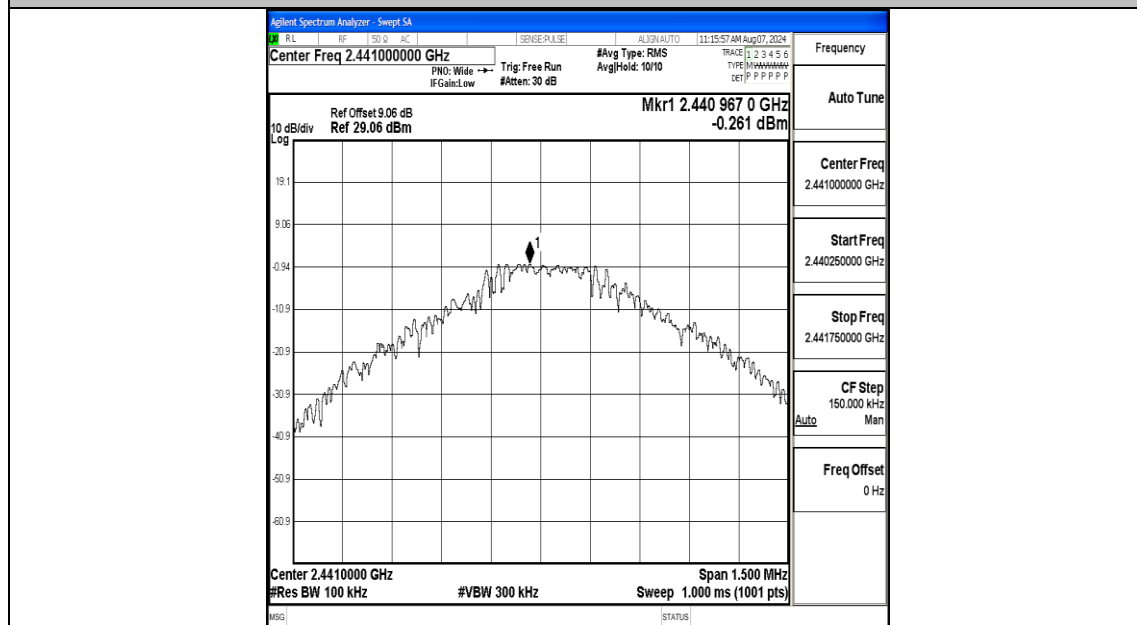
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.50	0.50	---	PASS
DH5	Ant1	2402	30~1000	0.50	-62.31	≤-19.5	PASS
DH5	Ant1	2402	1000~26500	0.50	-41.64	≤-19.5	PASS
DH5	Ant1	2441	0~Reference	-0.26	-0.26	---	PASS
DH5	Ant1	2441	30~1000	-0.26	-62.04	≤-20.26	PASS
DH5	Ant1	2441	1000~26500	-0.26	-39.35	≤-20.26	PASS
DH5	Ant1	2480	0~Reference	-1.45	-1.45	---	PASS
DH5	Ant1	2480	30~1000	-1.45	-63.07	≤-21.45	PASS
DH5	Ant1	2480	1000~26500	-1.45	-41.22	≤-21.45	PASS
2DH5	Ant1	2402	0~Reference	-3.71	-3.71	---	PASS
2DH5	Ant1	2402	30~1000	-3.71	-62.41	≤-23.71	PASS
2DH5	Ant1	2402	1000~26500	-3.71	-41.5	≤-23.71	PASS
2DH5	Ant1	2441	0~Reference	-1.05	-1.05	---	PASS
2DH5	Ant1	2441	30~1000	-1.05	-61.74	≤-21.05	PASS
2DH5	Ant1	2441	1000~26500	-1.05	-38.95	≤-21.05	PASS
2DH5	Ant1	2480	0~Reference	-0.77	-0.77	---	PASS
2DH5	Ant1	2480	30~1000	-0.77	-61.94	≤-20.77	PASS
2DH5	Ant1	2480	1000~26500	-0.77	-41.13	≤-20.77	PASS

Test Graphs

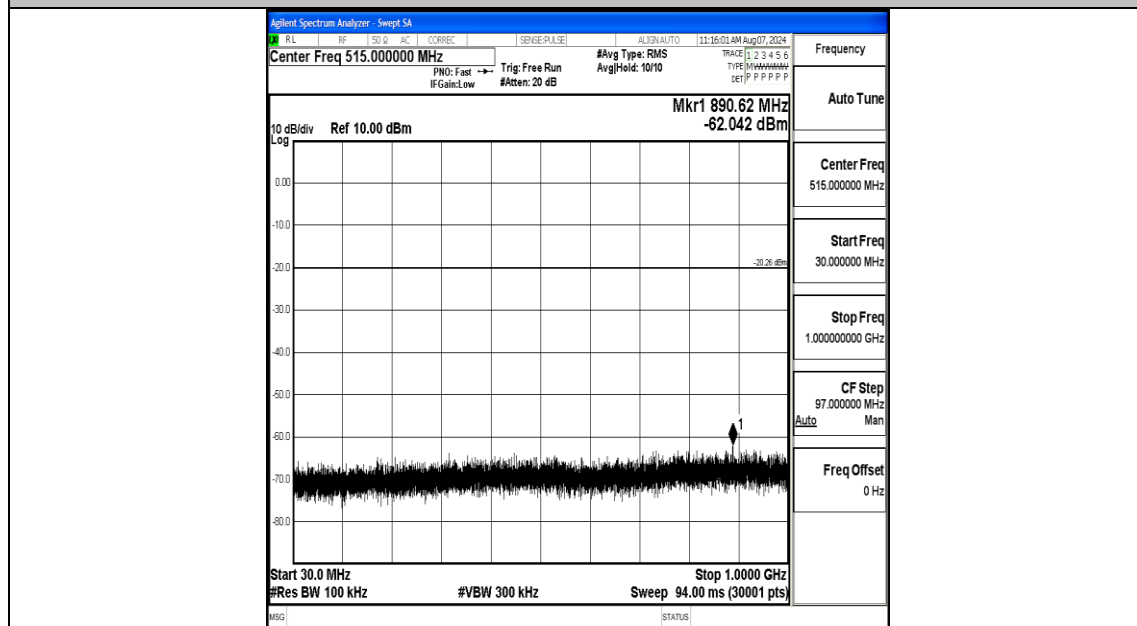




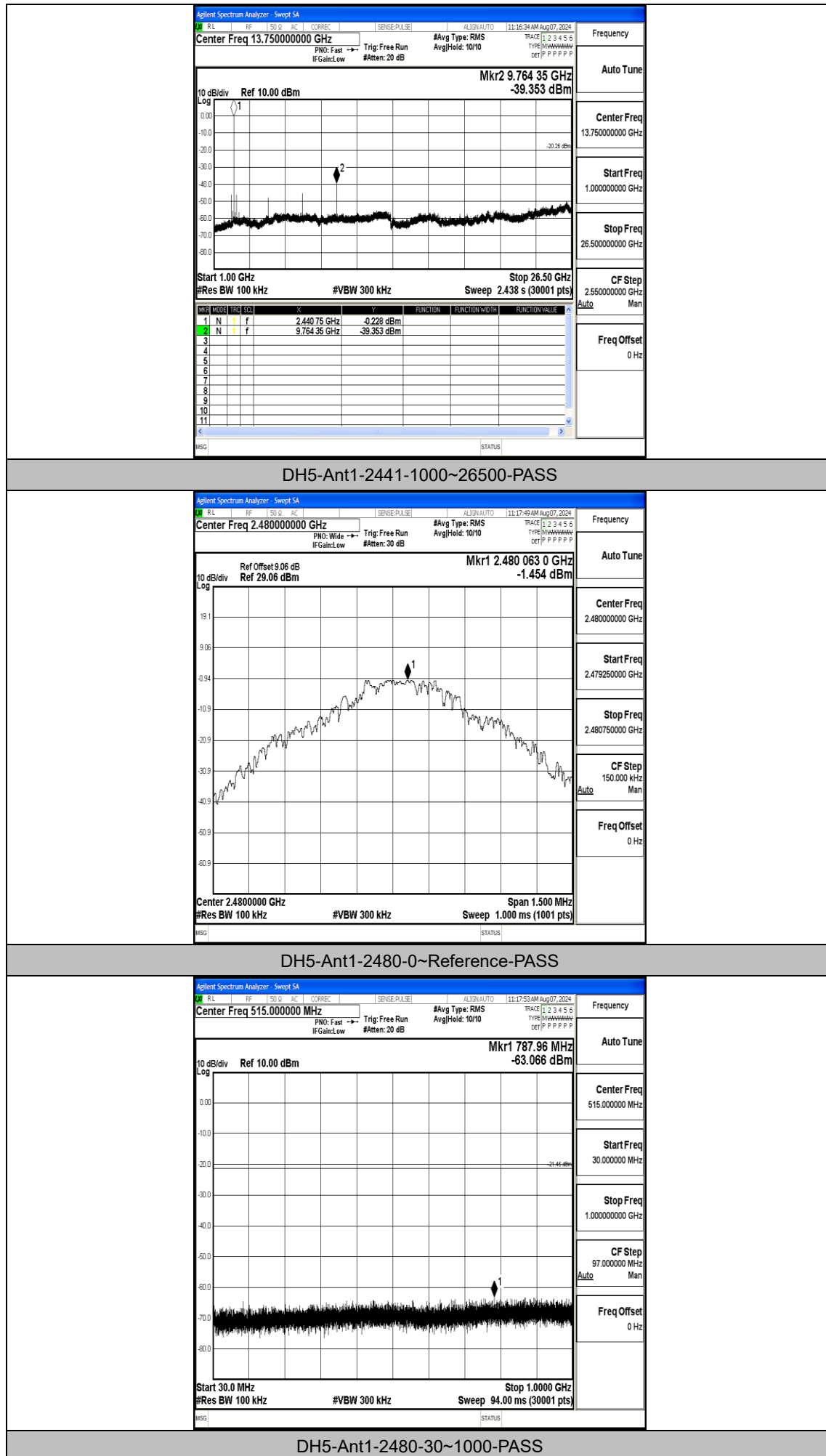
DH5-Ant1-2402-1000~26500-PASS

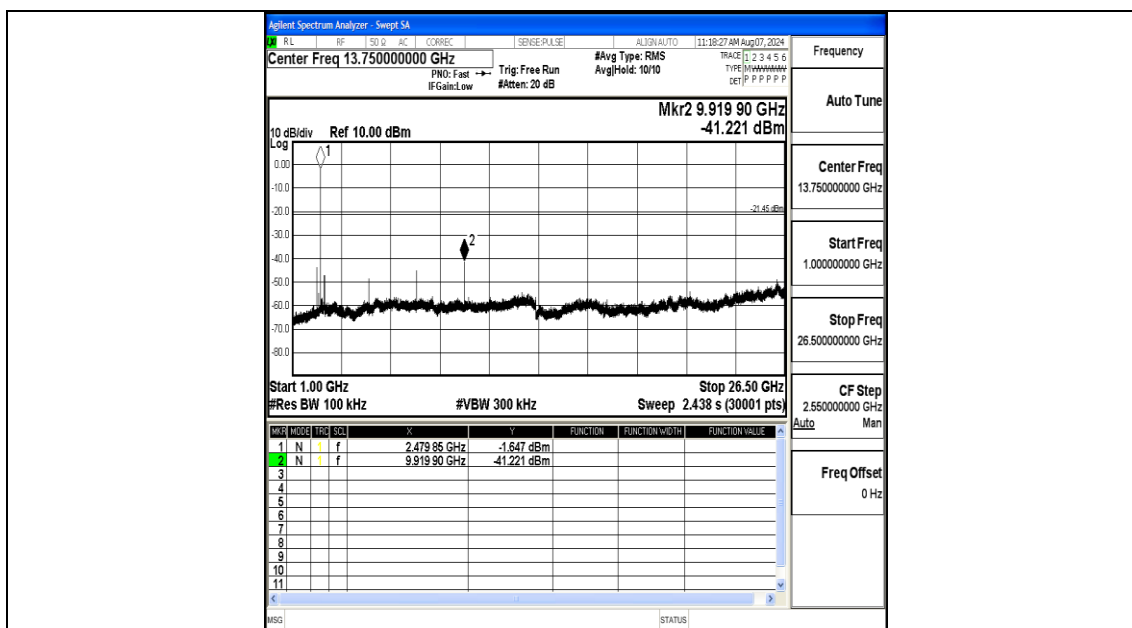


DH5-Ant1-2441-0~Reference-PASS

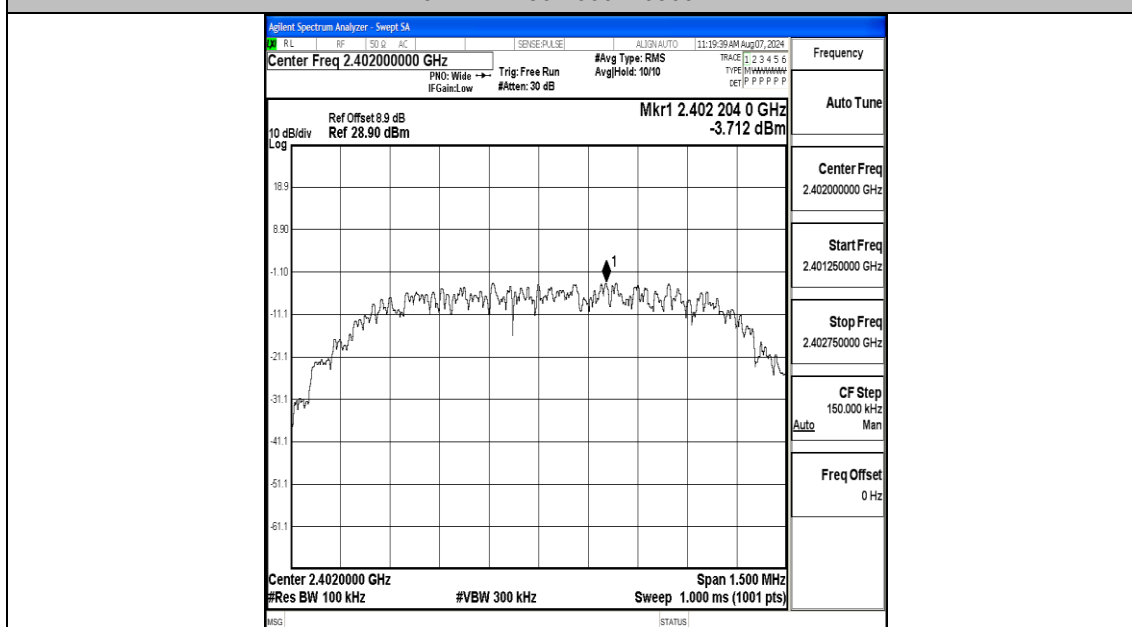


DH5-Ant1-2441-30~1000-PASS

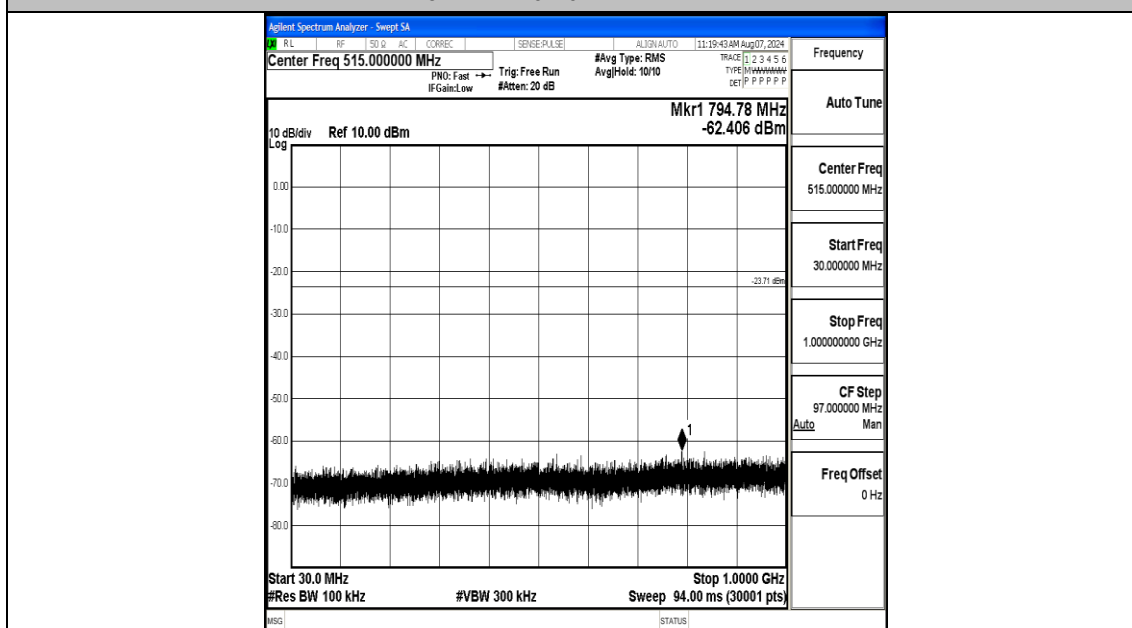




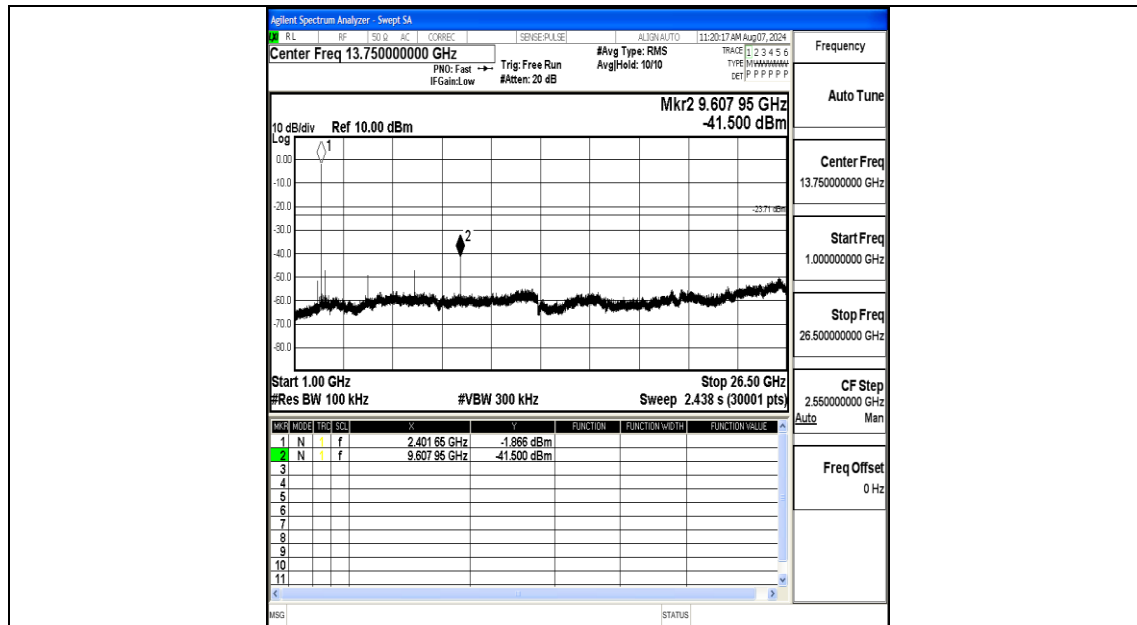
DH5-Ant1-2480-1000~26500-PASS



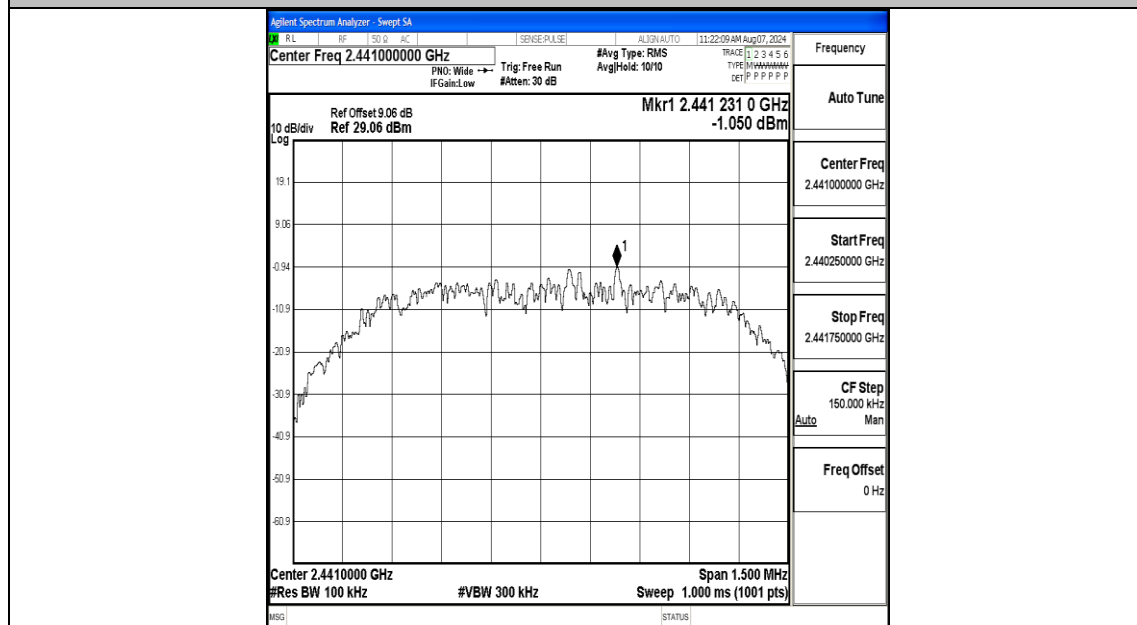
2DH5-Ant1-2402-0~Reference-PASS



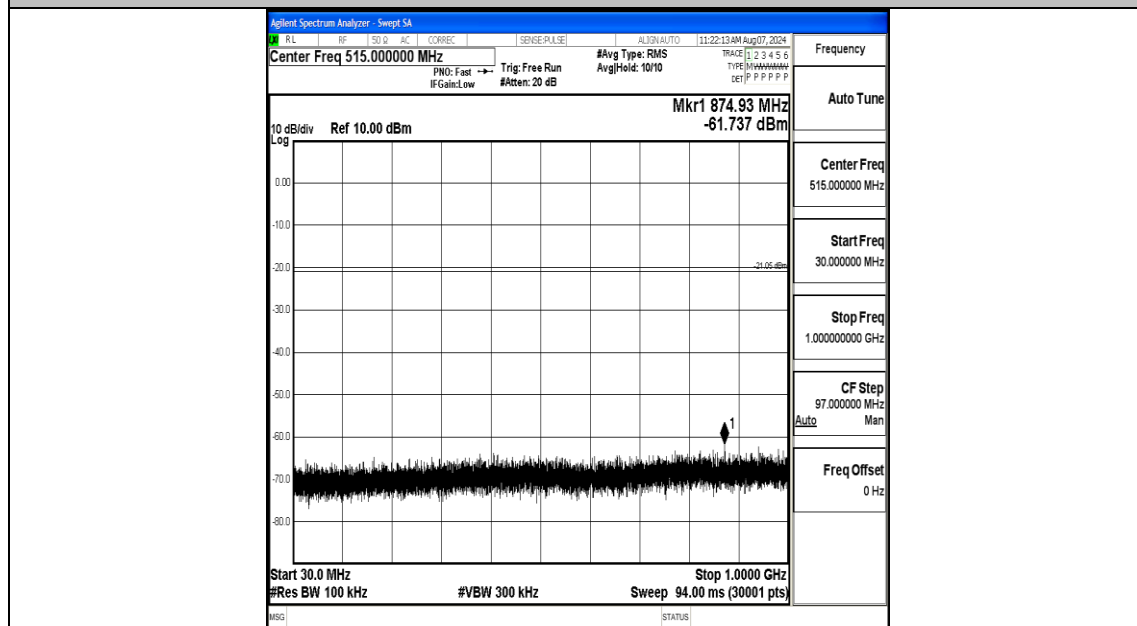
2DH5-Ant1-2402-30~1000-PASS



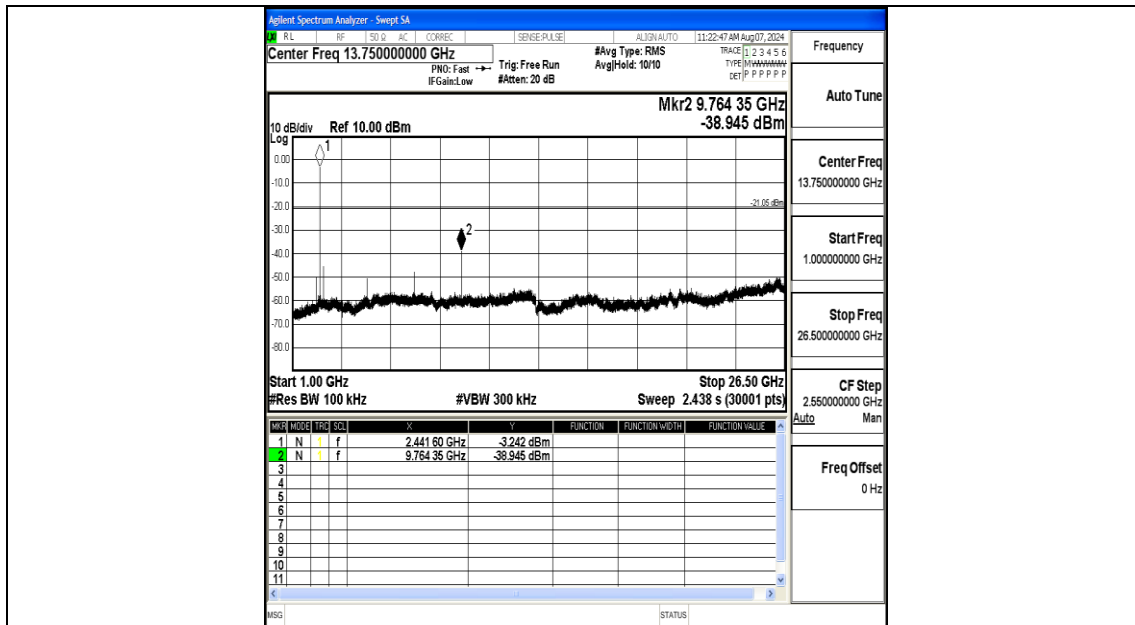
2DH5-Ant1-2402-1000~26500-PASS



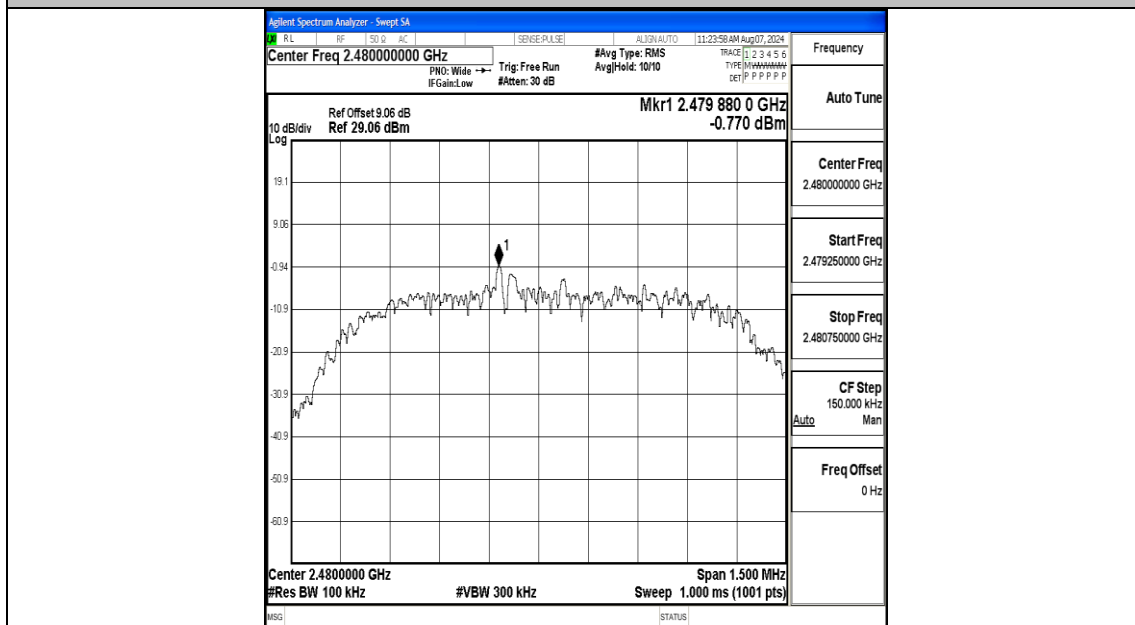
2DH5-Ant1-2441-0~Reference-PASS



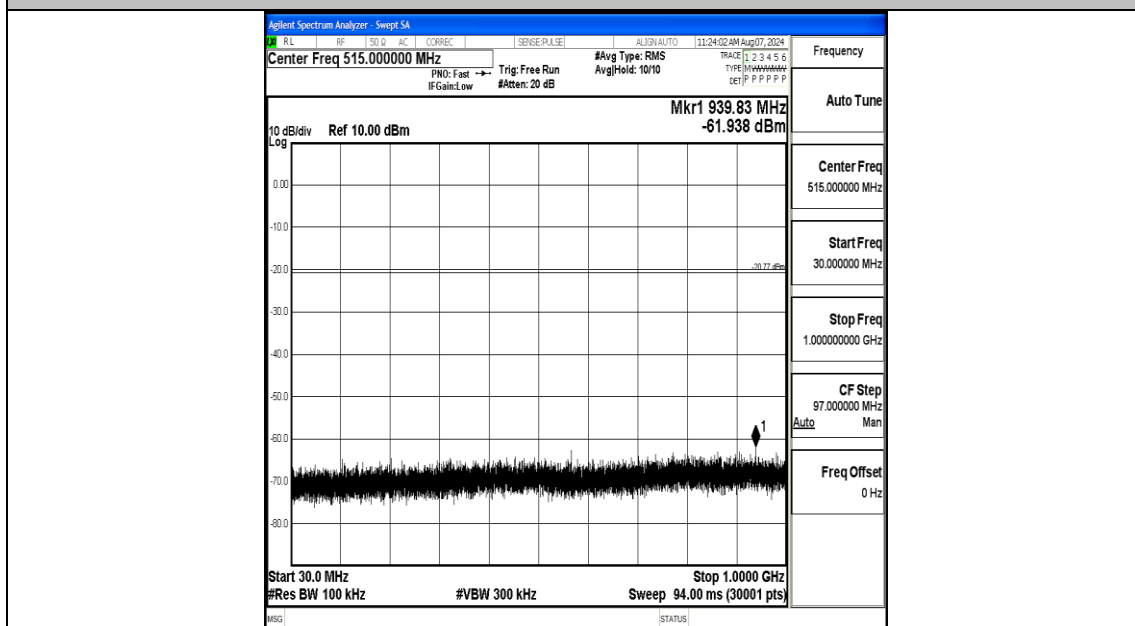
2DH5-Ant1-2441-30~1000-PASS



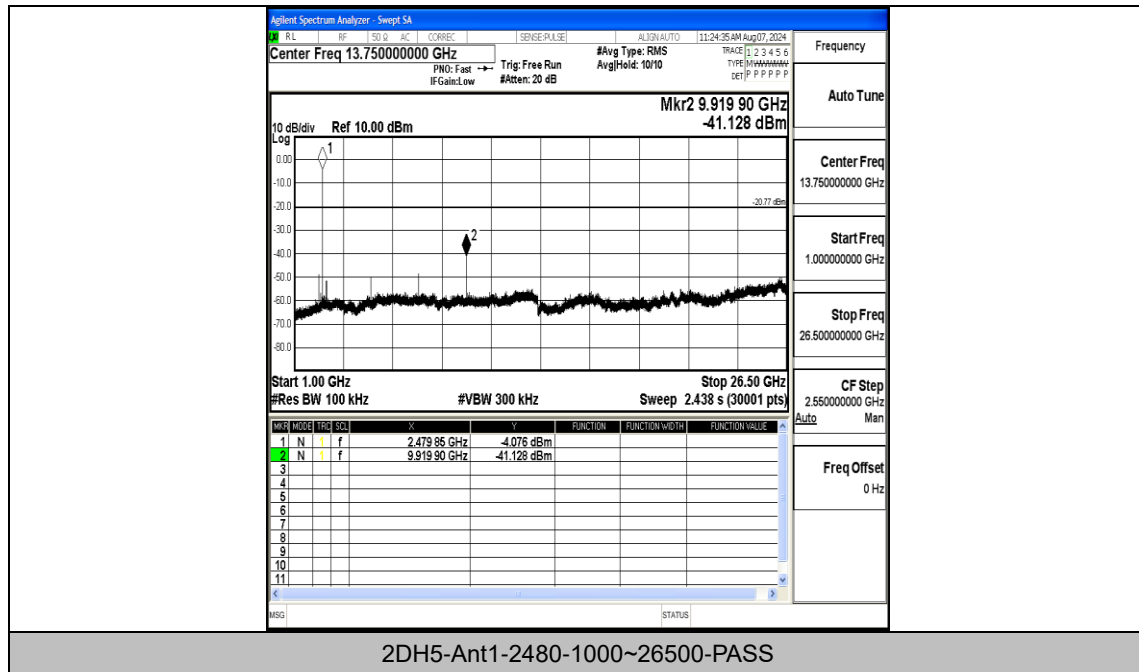
2DH5-Ant1-2441-1000~26500-PASS



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	2.88	3.75	76.80	1.15
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	2.90	3.75	77.33	1.12
2DH5	Ant1	2441	2.90	3.75	77.33	1.12
2DH5	Ant1	2480	2.89	3.75	77.07	1.13

Test Graphs

