

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

Product Name: Wireless Bluetooth headset

Trade Mark: N/A

Test Model: DM06

FCC ID: 2BHGK-DM06

Environmental Conditions

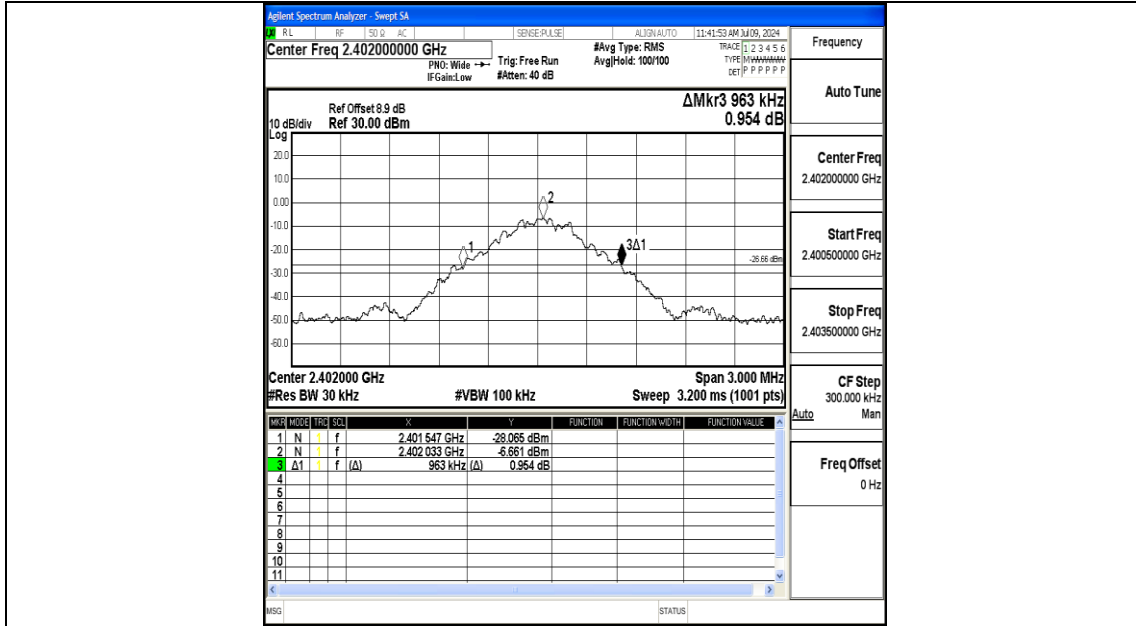
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: 20dB Emission Bandwidth

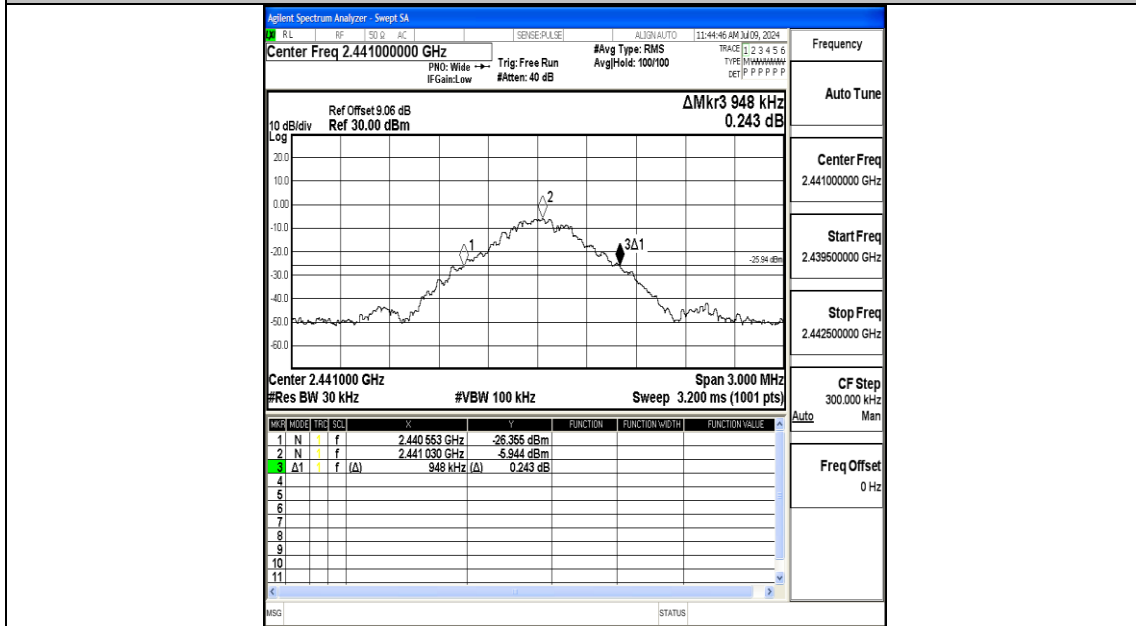
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.963	2401.547	2402.510	---	---
DH5	Ant1	2441	0.948	2440.553	2441.501	---	---
DH5	Ant1	2480	0.948	2479.553	2480.501	---	---
2DH5	Ant1	2402	1.290	2401.382	2402.672	---	---
2DH5	Ant1	2441	1.290	2440.382	2441.672	---	---
2DH5	Ant1	2480	1.323	2479.349	2480.672	---	---
3DH5	Ant1	2402	1.299	2401.370	2402.669	---	---
3DH5	Ant1	2441	1.299	2440.376	2441.675	---	---
3DH5	Ant1	2480	1.314	2479.367	2480.681	---	---

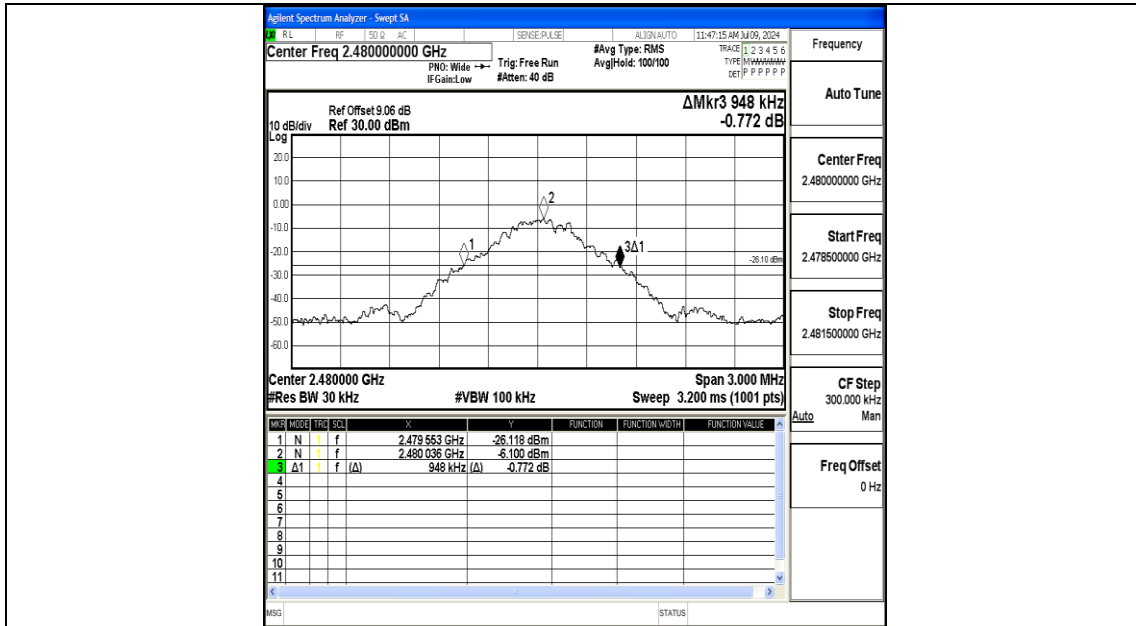
Test Graphs



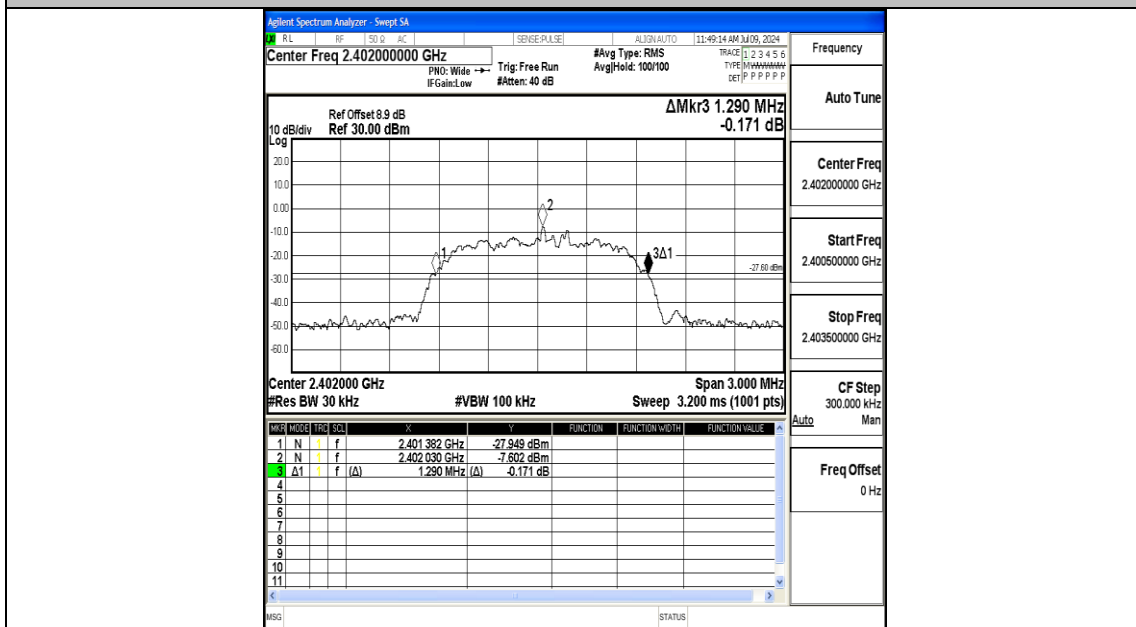
DH5-Ant1-2402



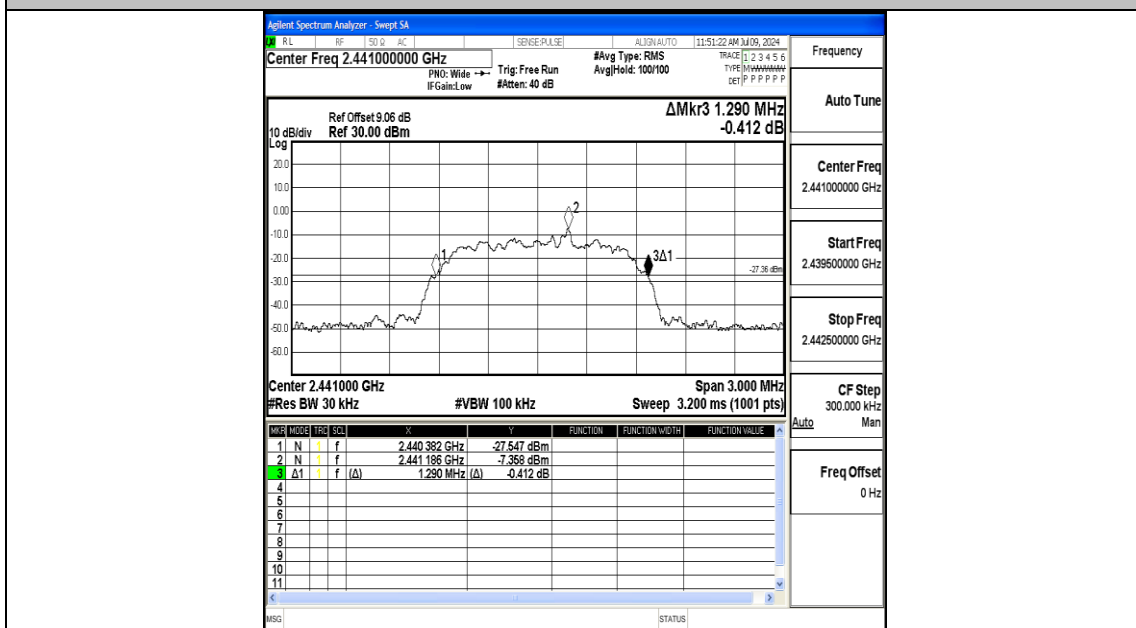
DH5-Ant1-2441



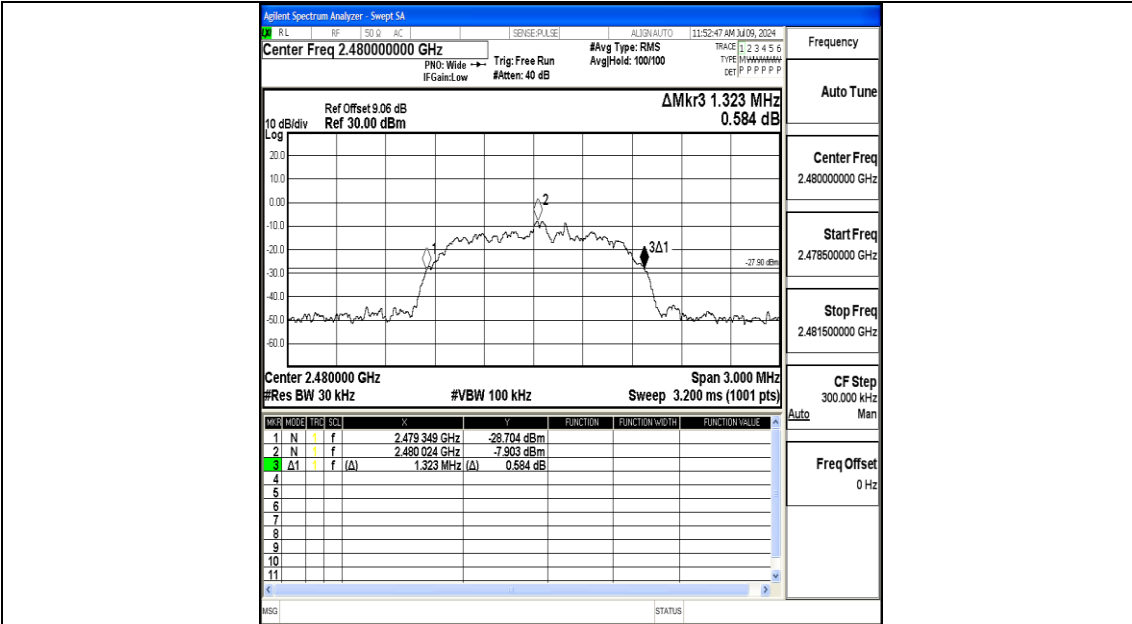
DH5-Ant1-2480



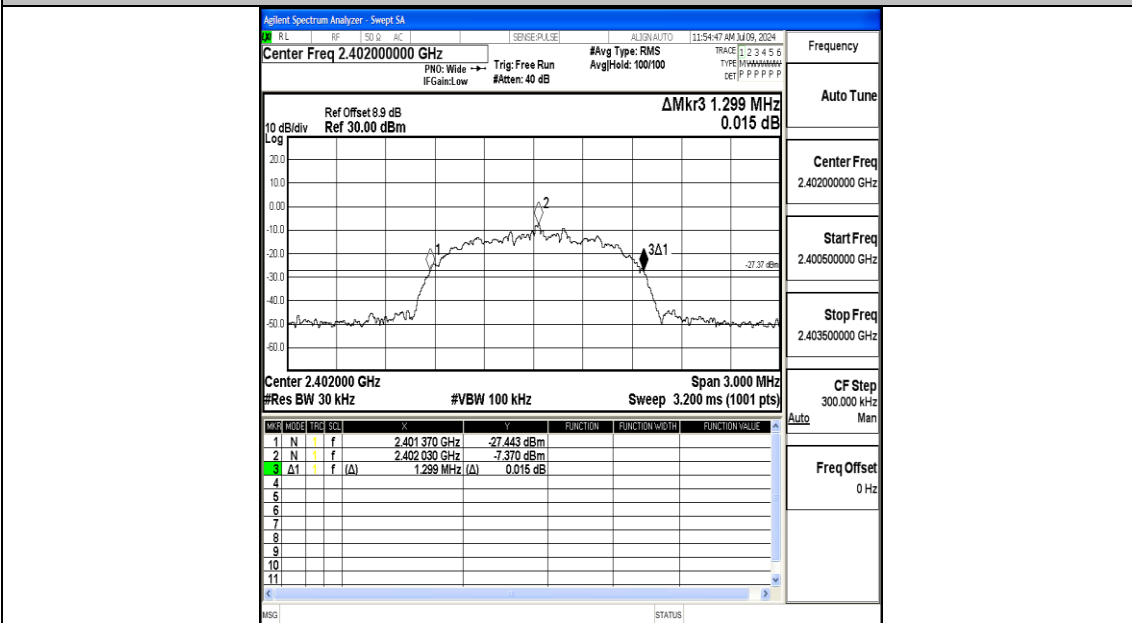
2DH5-Ant1-2402



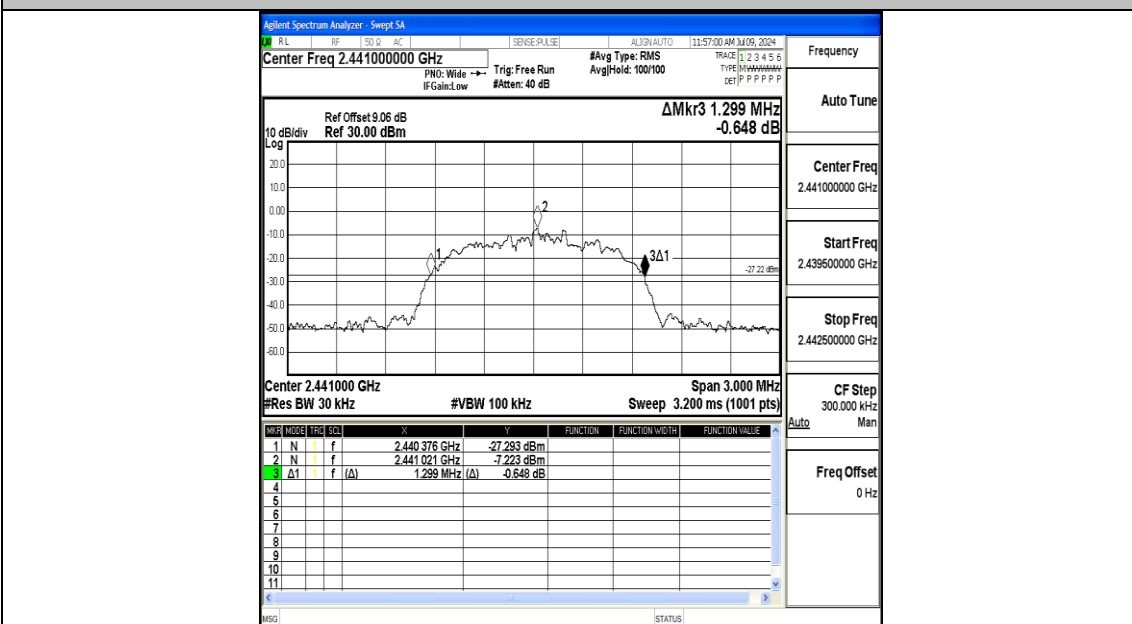
2DH5-Ant1-2441



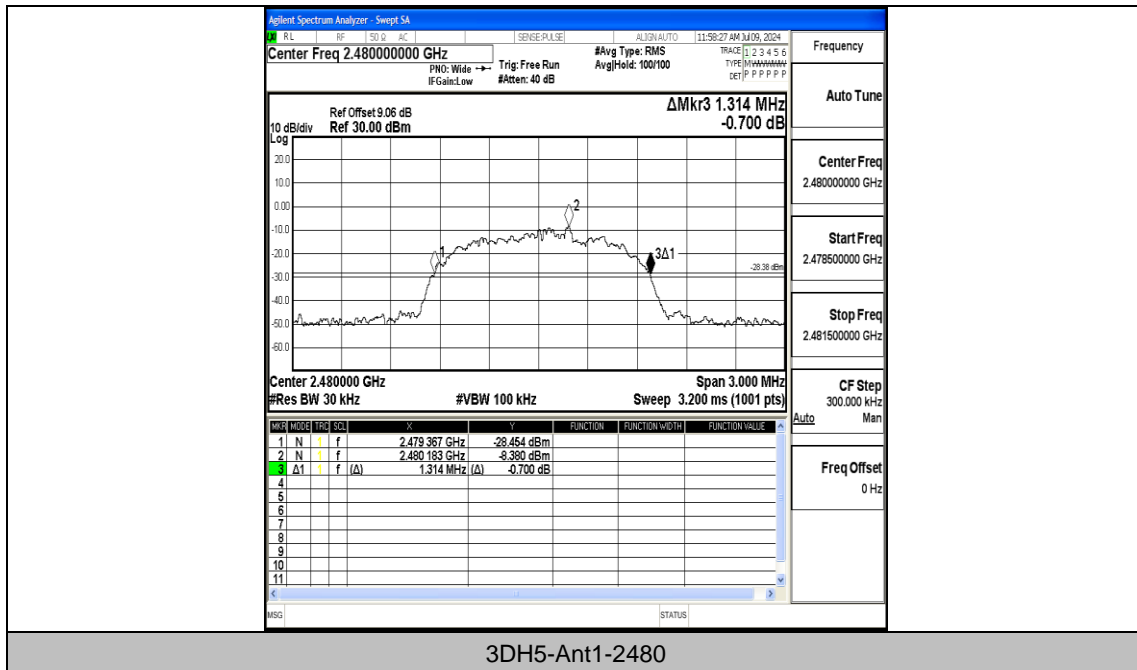
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441

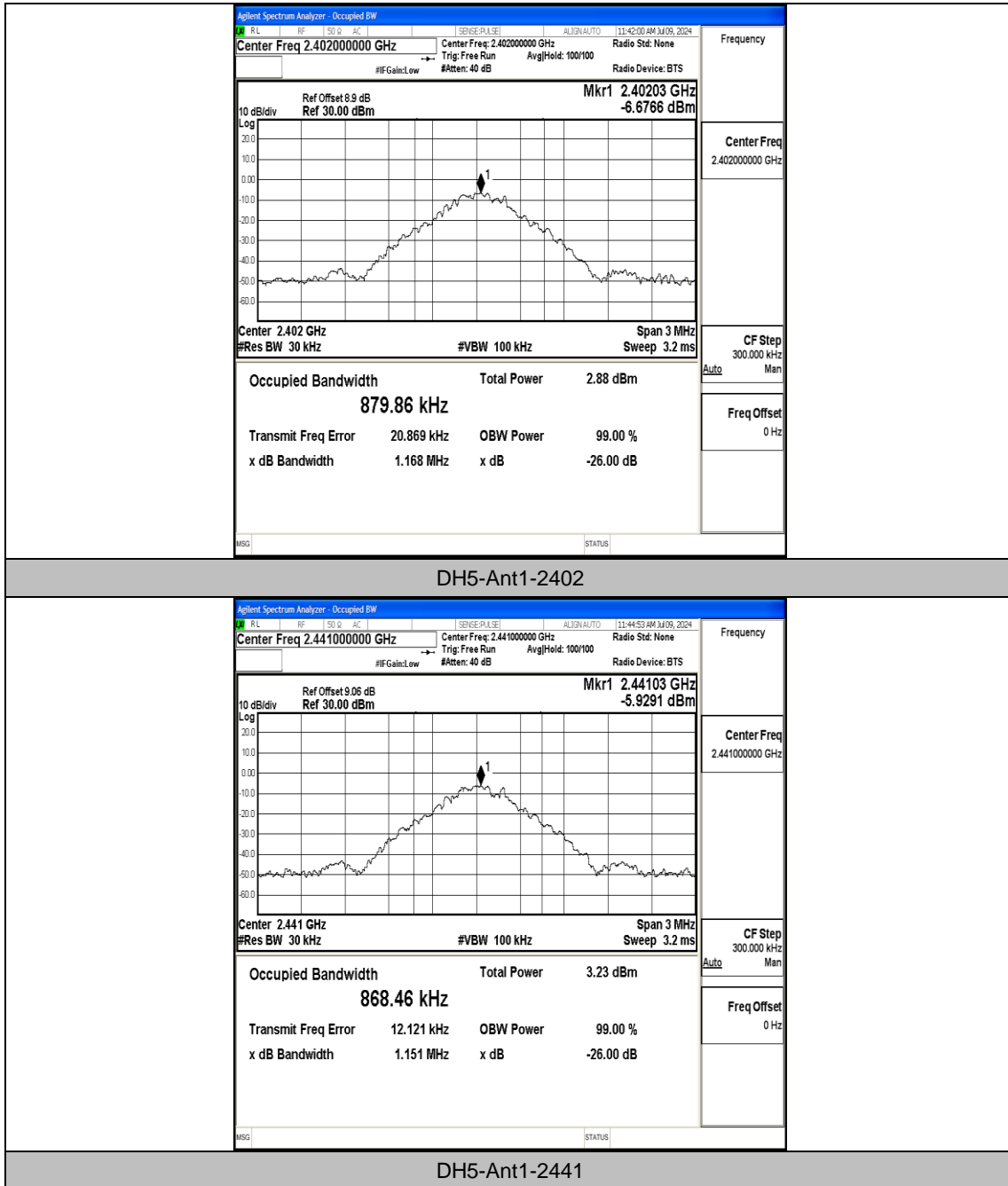


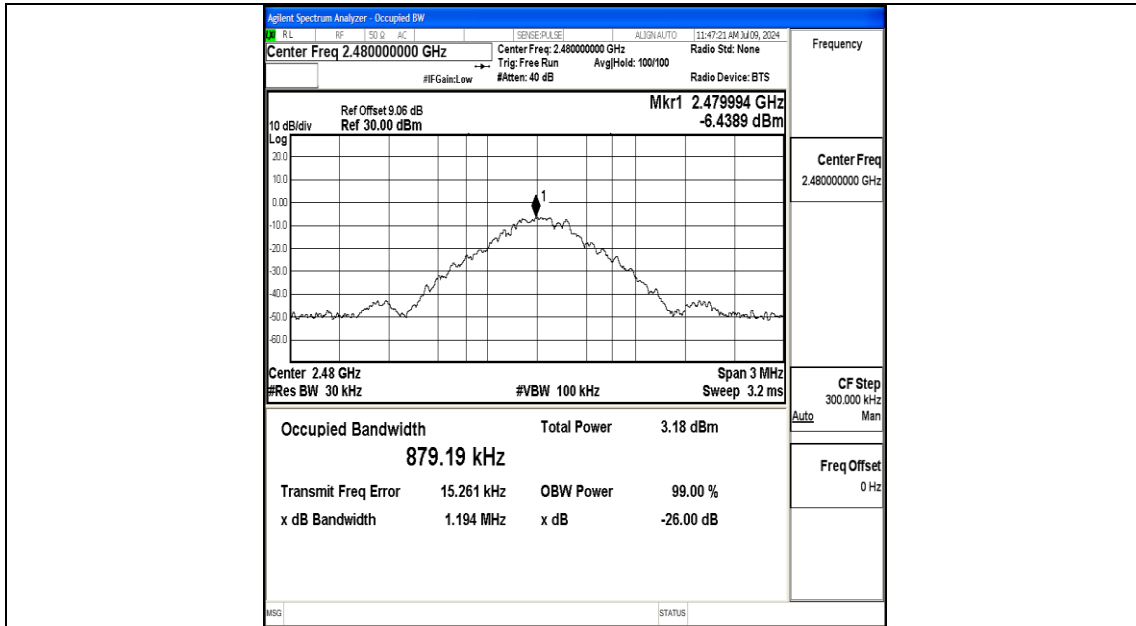
Appendix B: Occupied Channel Bandwidth

Test Result

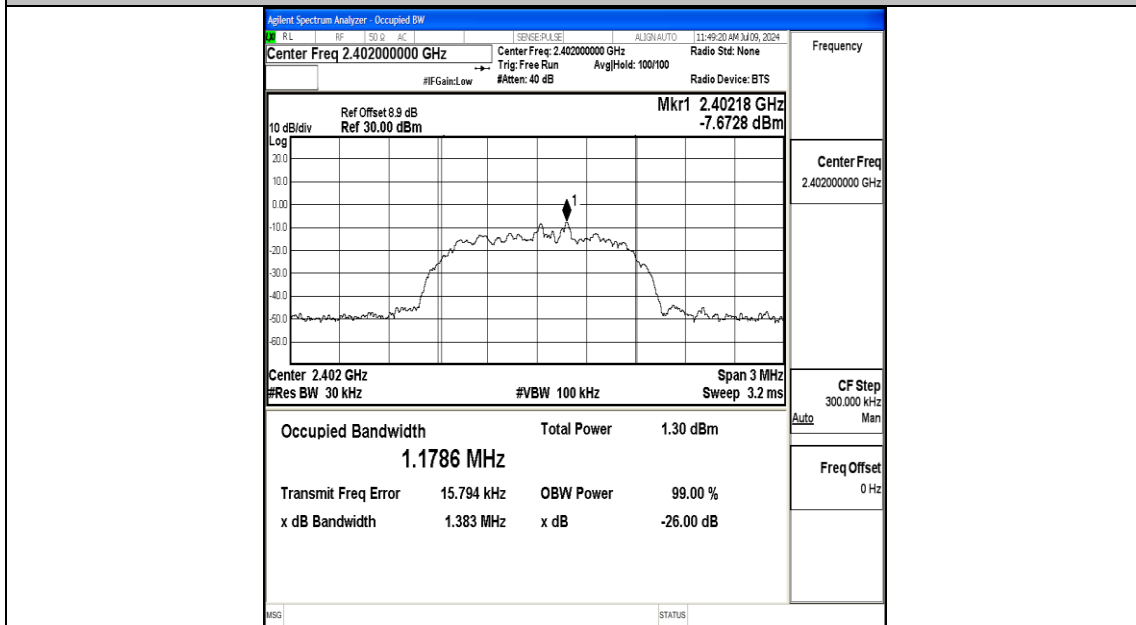
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87986	2401.5809	2402.4608	---	---
DH5	Ant1	2441	0.86846	2440.5779	2441.4464	---	---
DH5	Ant1	2480	0.87919	2479.5757	2480.4549	---	---
2DH5	Ant1	2402	1.1786	2401.4265	2402.6051	---	---
2DH5	Ant1	2441	1.1715	2440.4293	2441.6008	---	---
2DH5	Ant1	2480	1.1823	2479.4223	2480.6046	---	---
3DH5	Ant1	2402	1.1829	2401.4240	2402.6069	---	---
3DH5	Ant1	2441	1.1781	2440.4290	2441.6071	---	---
3DH5	Ant1	2480	1.1788	2479.4301	2480.6089	---	---

Test Graphs

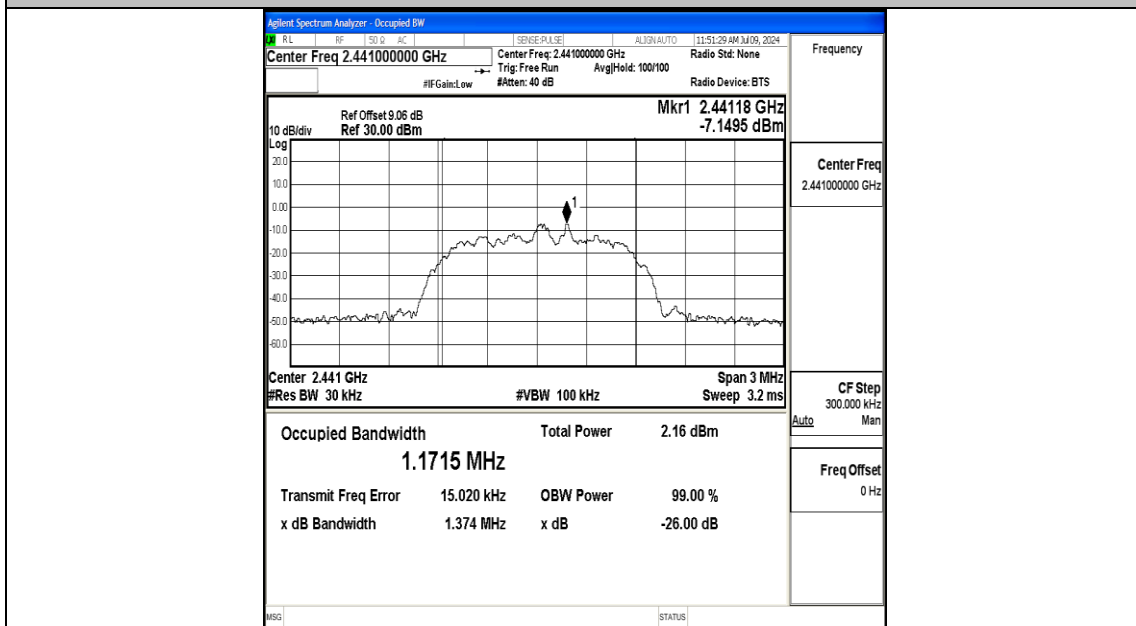




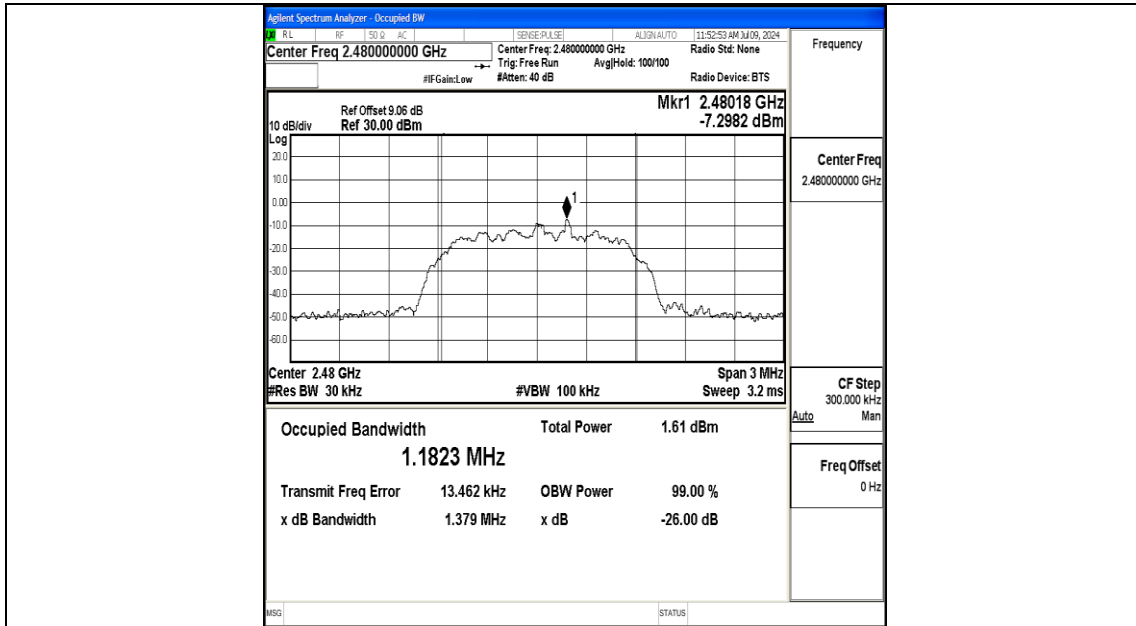
DH5-Ant1-2480



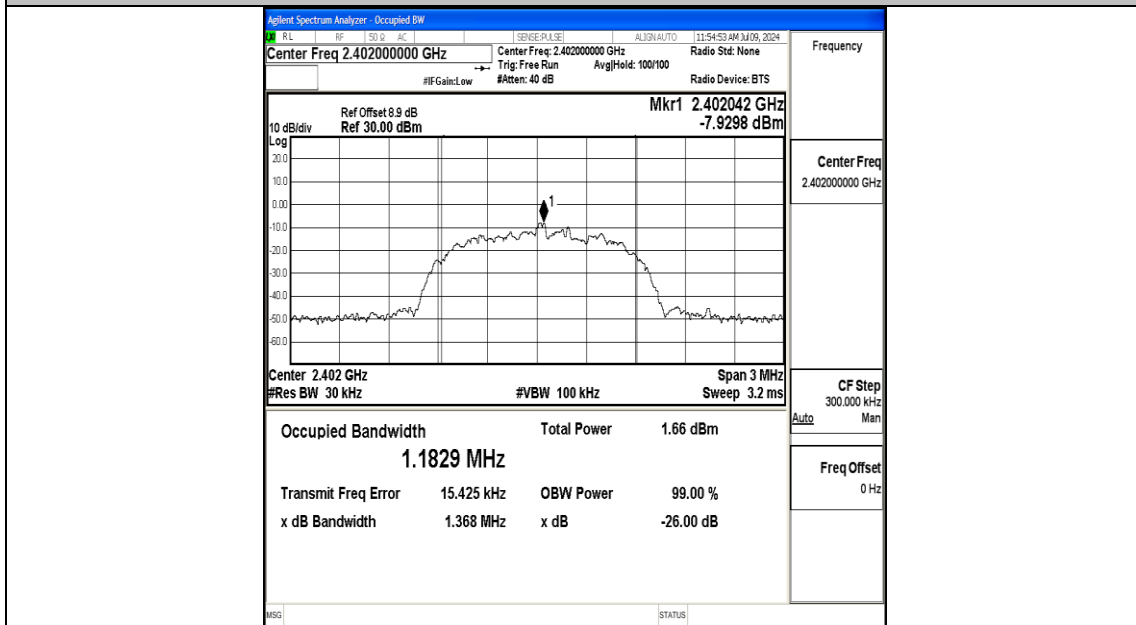
2DH5-Ant1-2402



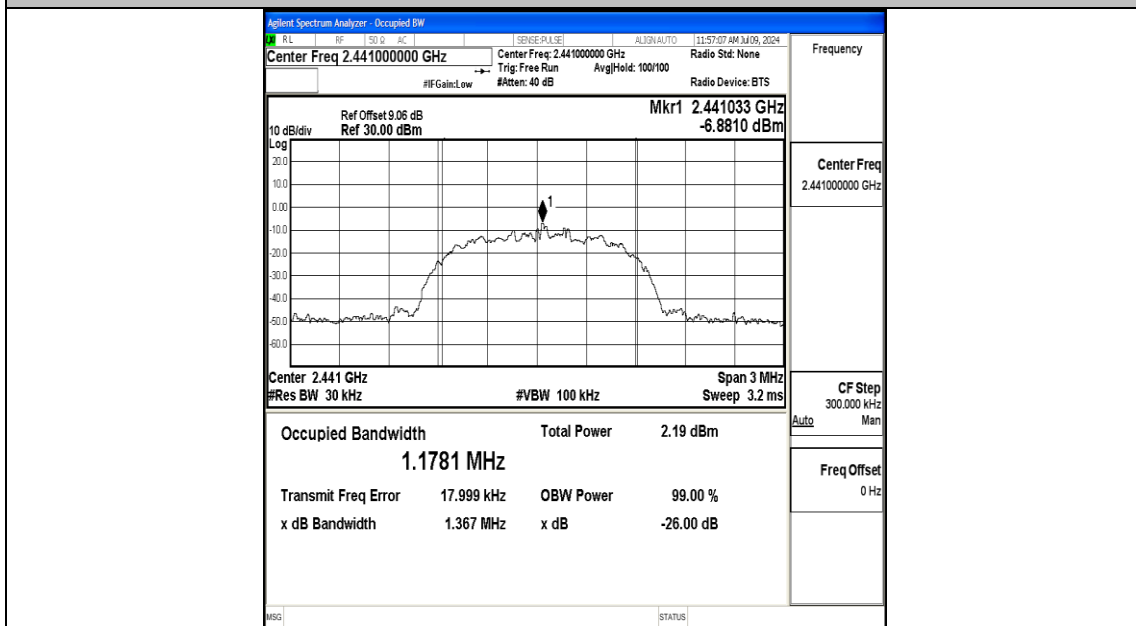
2DH5-Ant1-2441



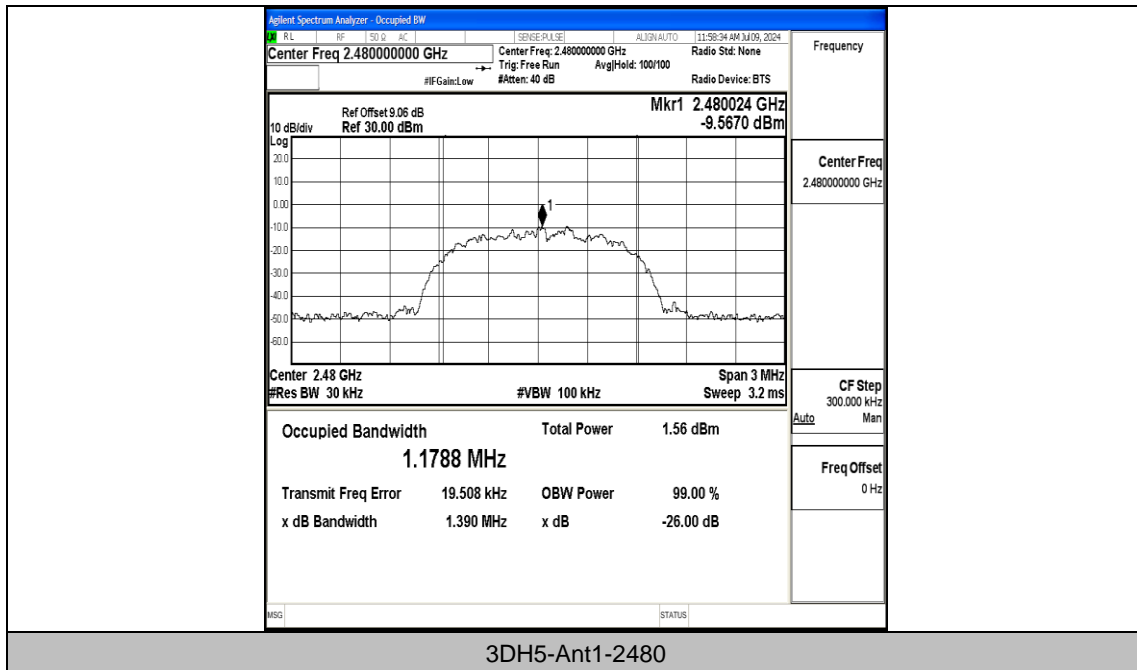
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441

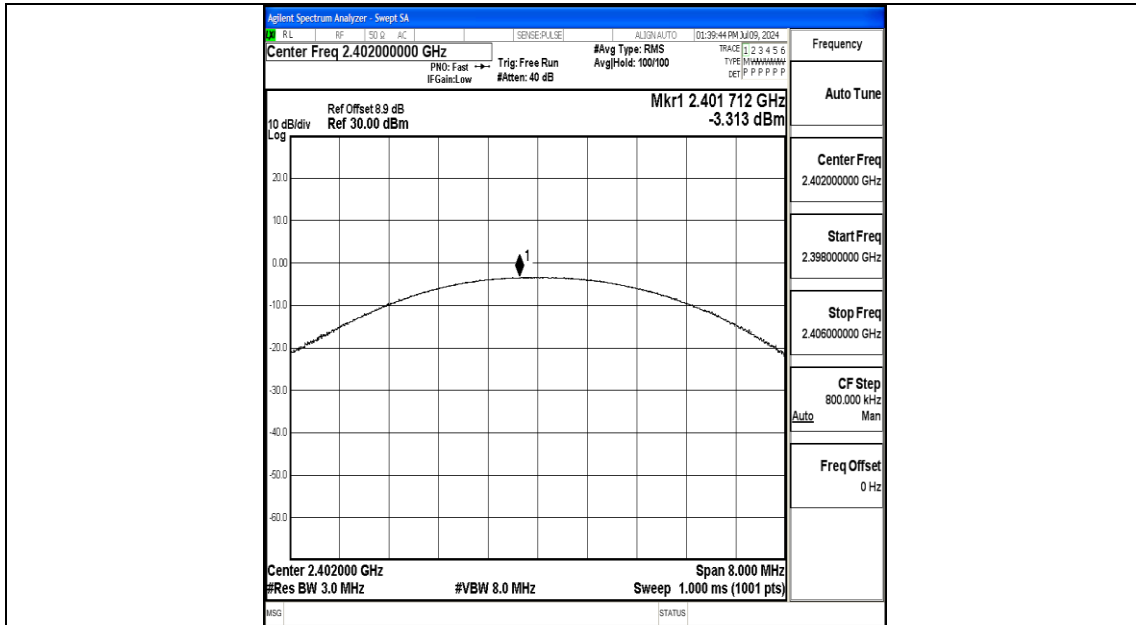


Appendix C: Maximum peak conducted output power

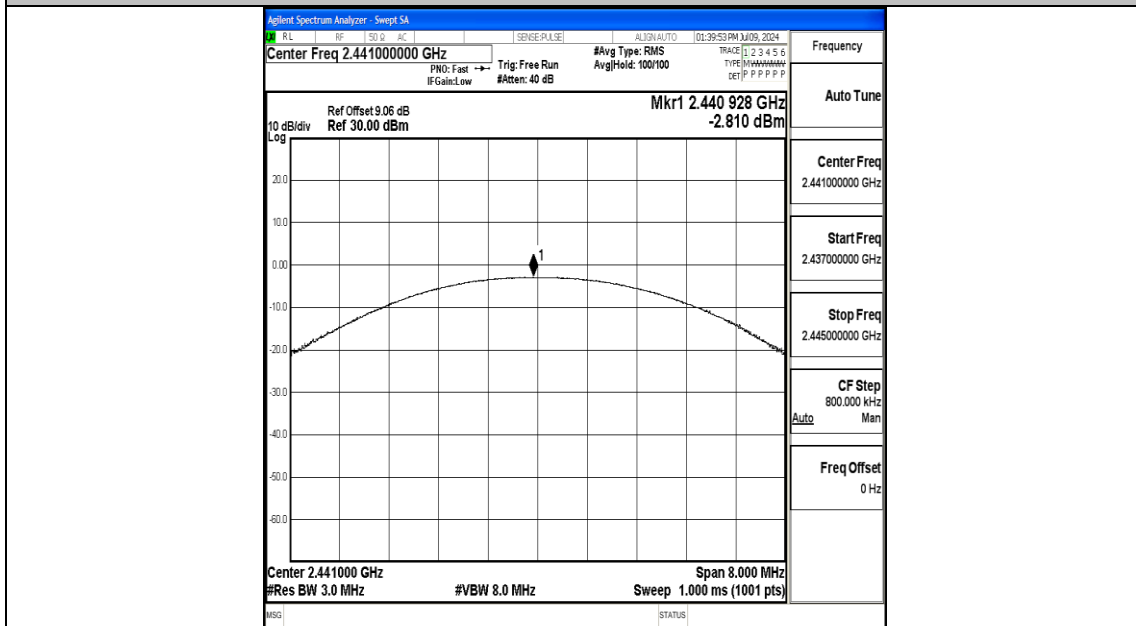
Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-3.31	≤30	PASS
DH5	Ant1	2441	-2.81	≤30	PASS
DH5	Ant1	2480	-3.11	≤30	PASS
2DH5	Ant1	2402	-3.13	≤20.97	PASS
2DH5	Ant1	2441	-2.65	≤20.97	PASS
2DH5	Ant1	2480	-2.82	≤20.97	PASS
3DH5	Ant1	2402	-2.50	≤20.97	PASS
3DH5	Ant1	2441	-2.05	≤20.97	PASS
3DH5	Ant1	2480	-2.33	≤20.97	PASS

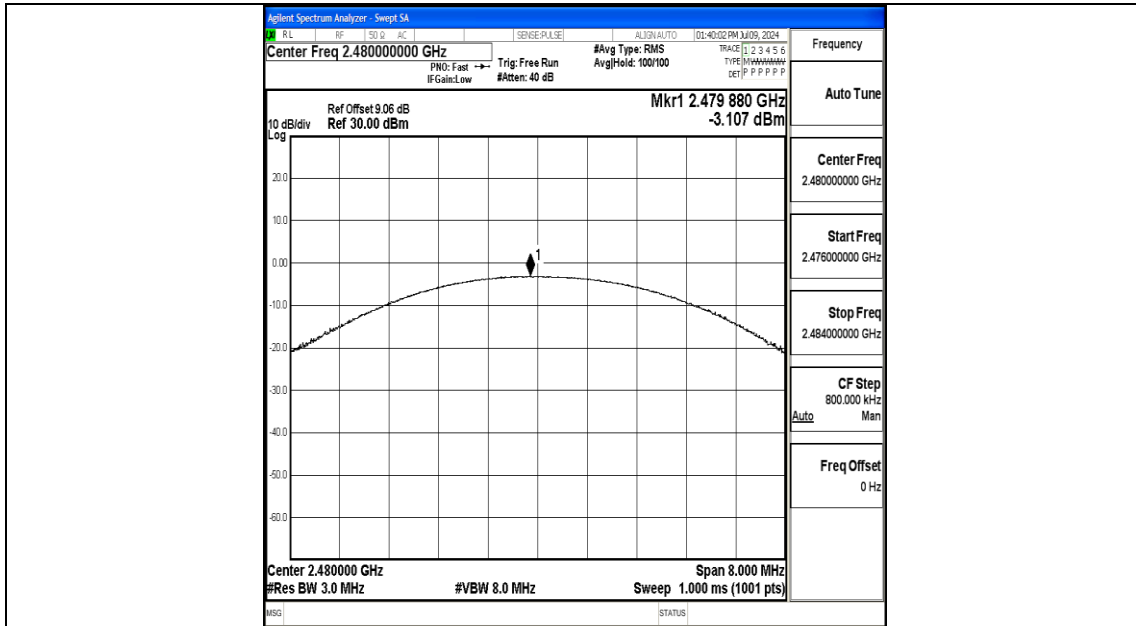
Test Graphs



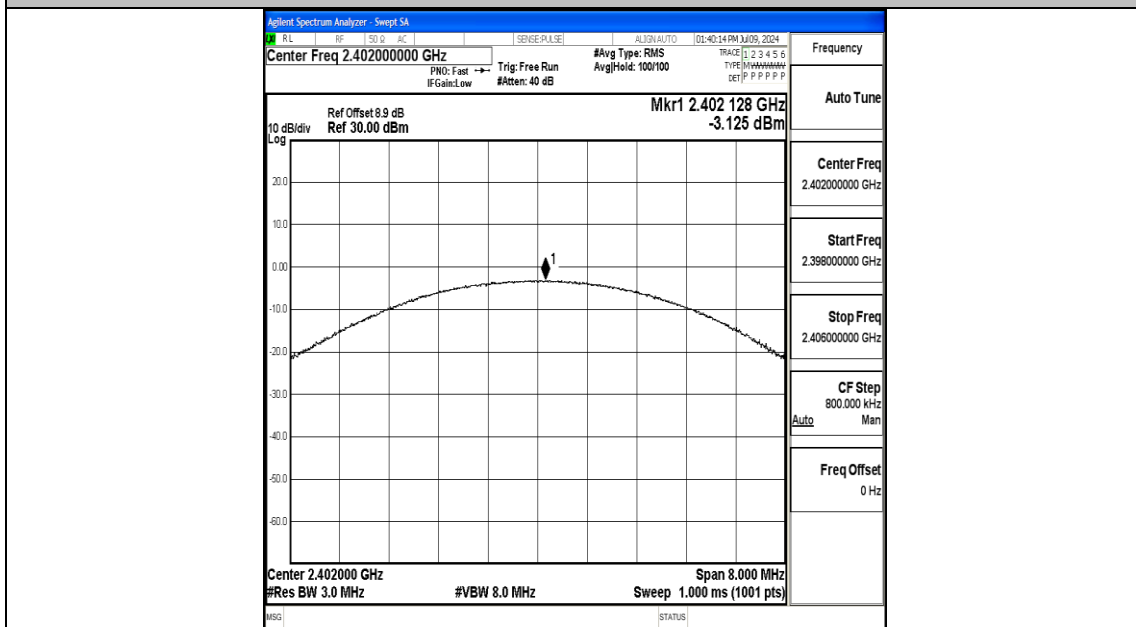
DH5-Ant1-2402-PASS



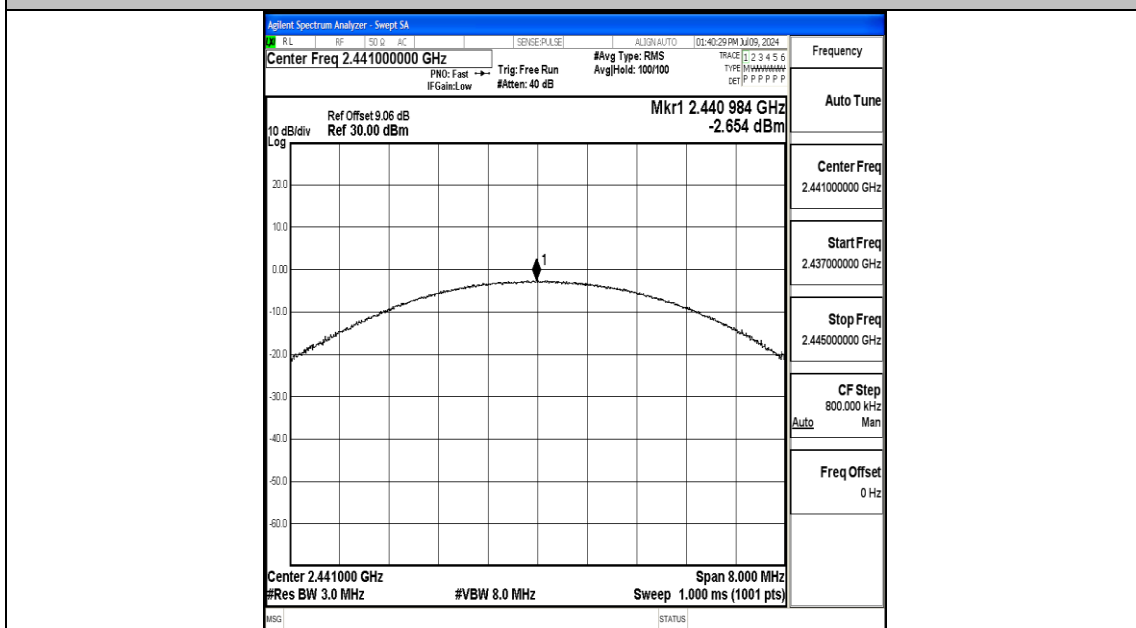
DH5-Ant1-2441-PASS



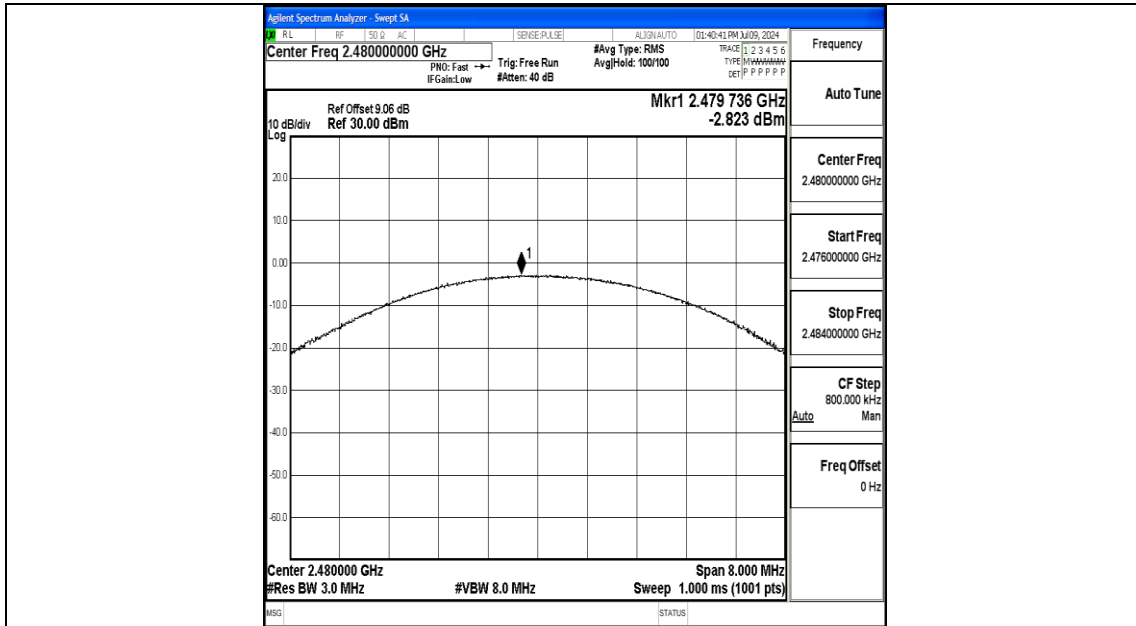
DH5-Ant1-2480-PASS



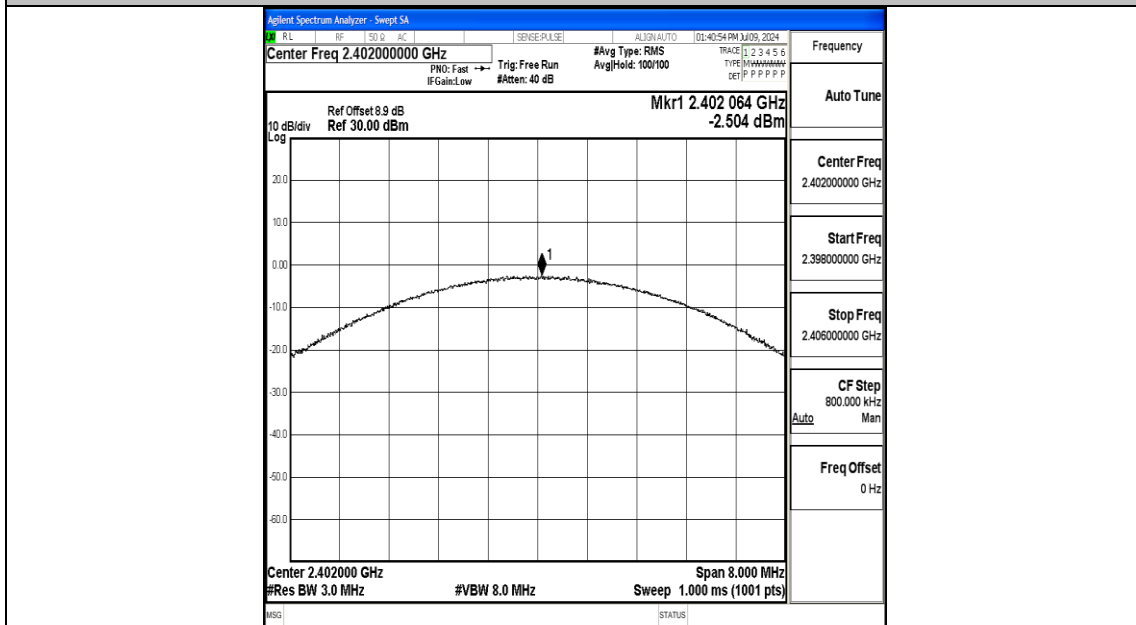
2DH5-Ant1-2402-PASS



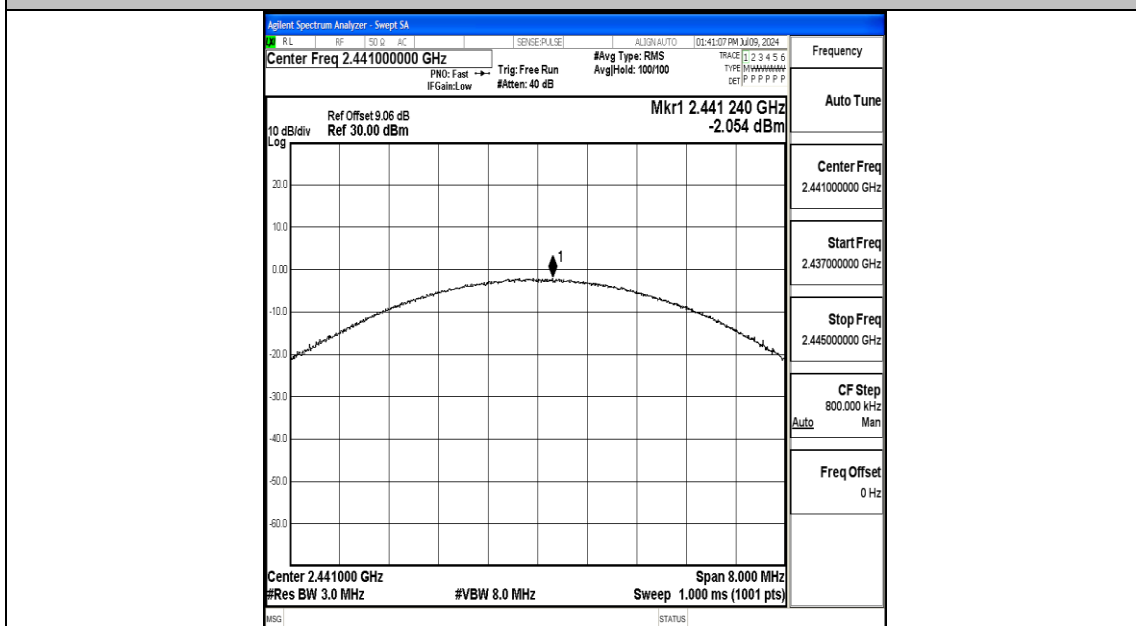
2DH5-Ant1-2441-PASS



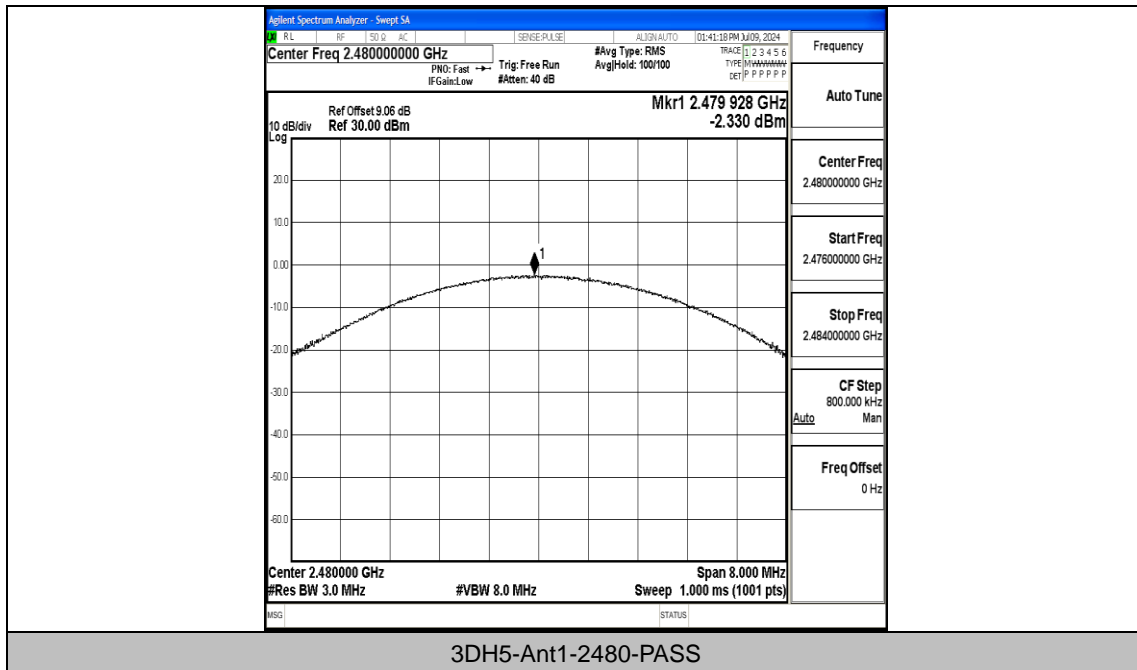
2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS

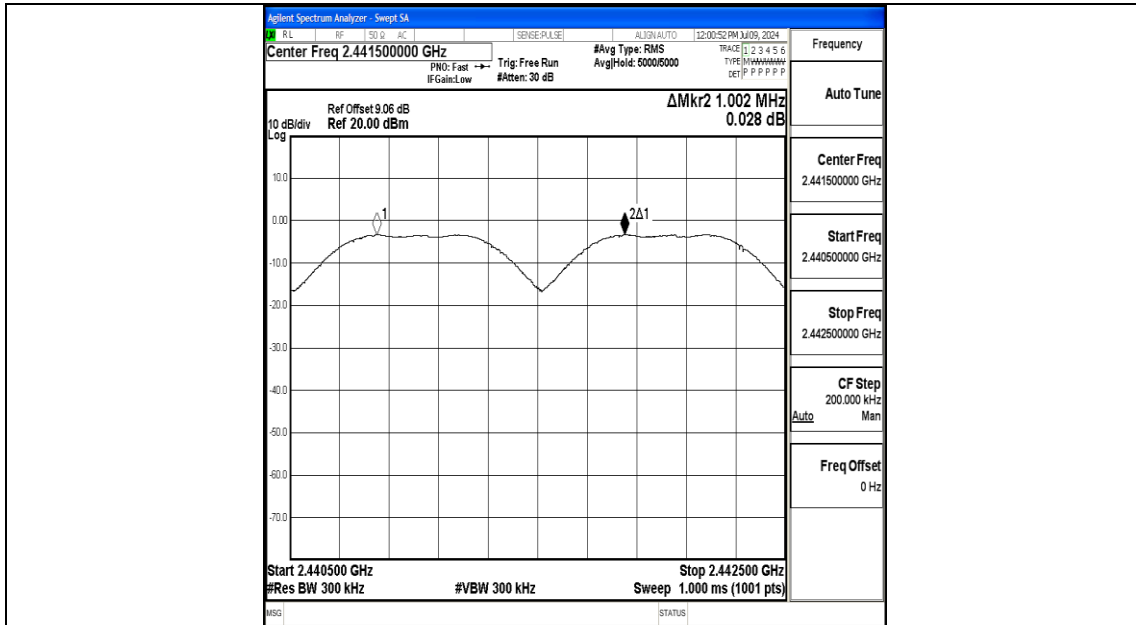


Appendix D: Carrier frequency separation

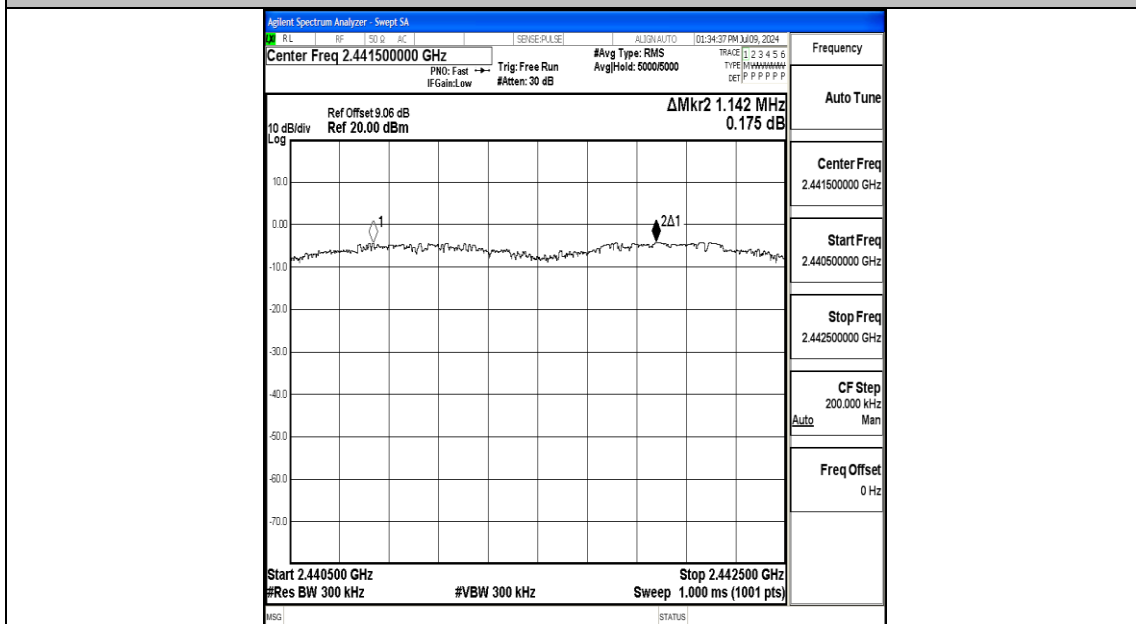
Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.002	≥ 0.963	PASS
2DH5	Ant1	Hop	1.142	≥ 0.882	PASS
3DH5	Ant1	Hop	1.27	≥ 0.876	PASS

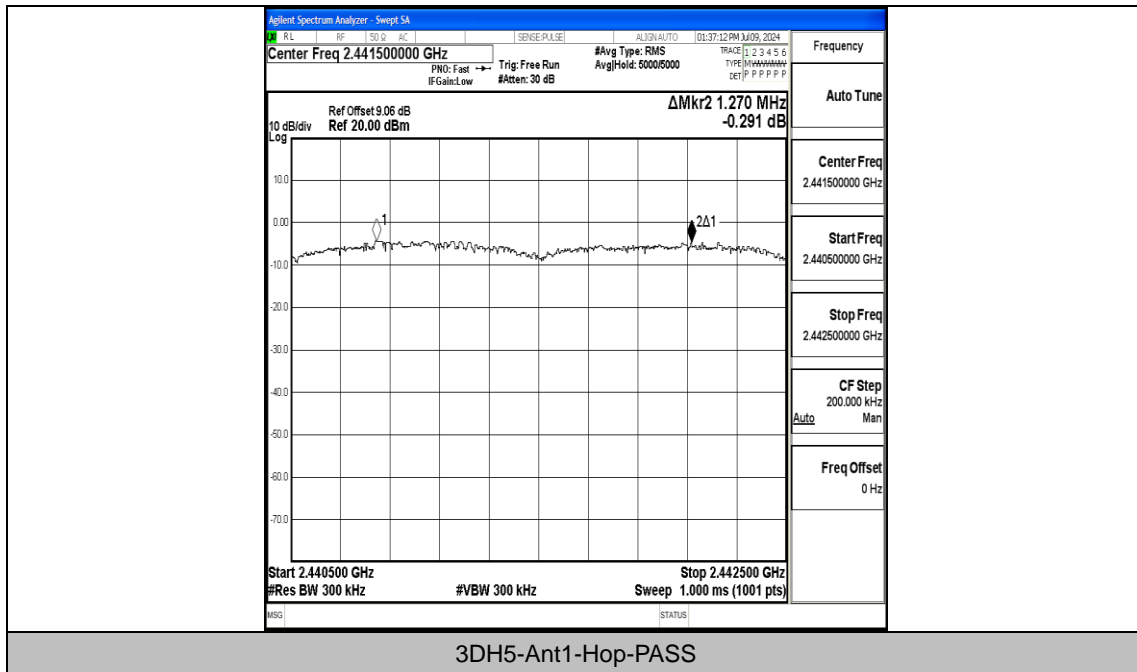
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS

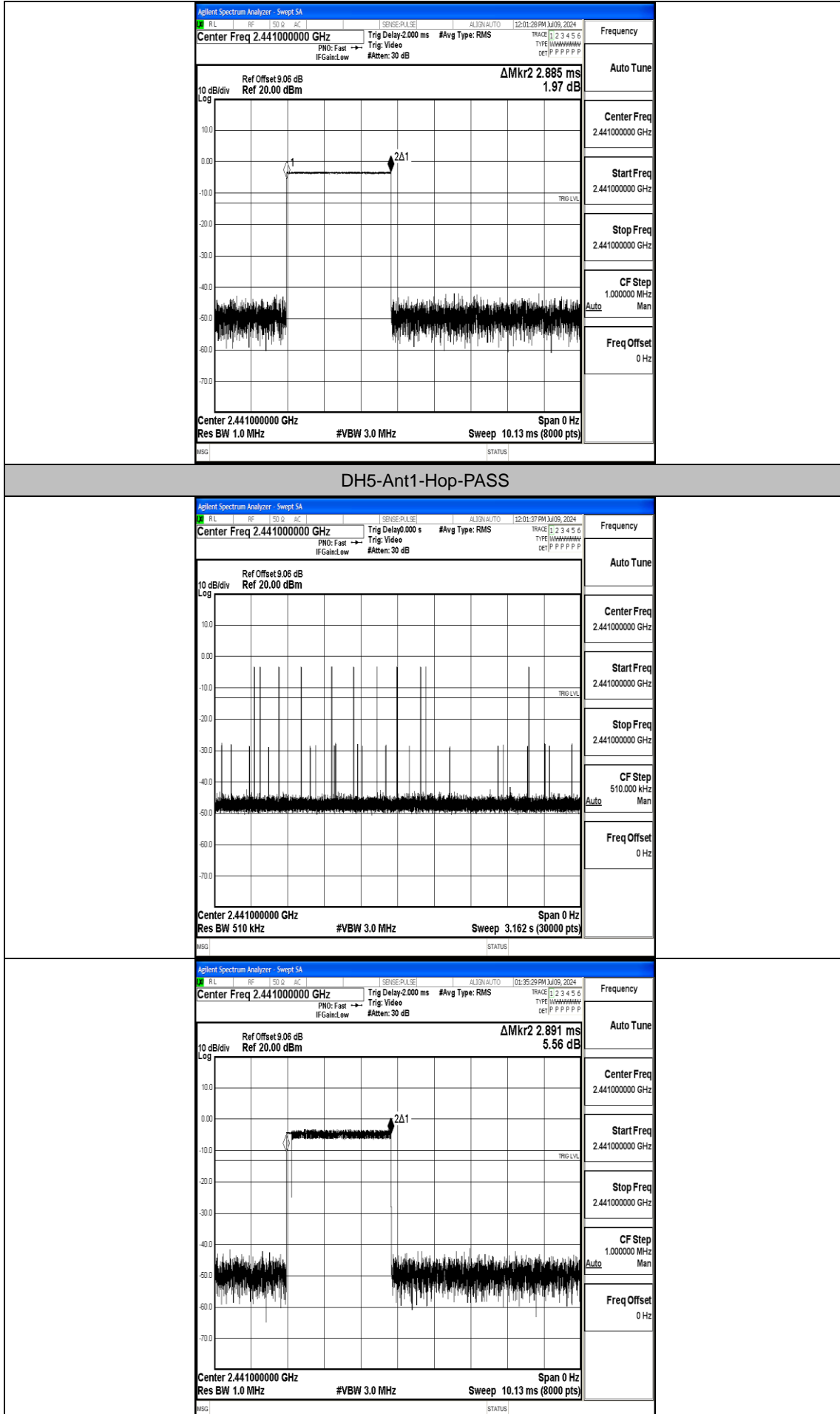


Appendix E: Time of occupancy

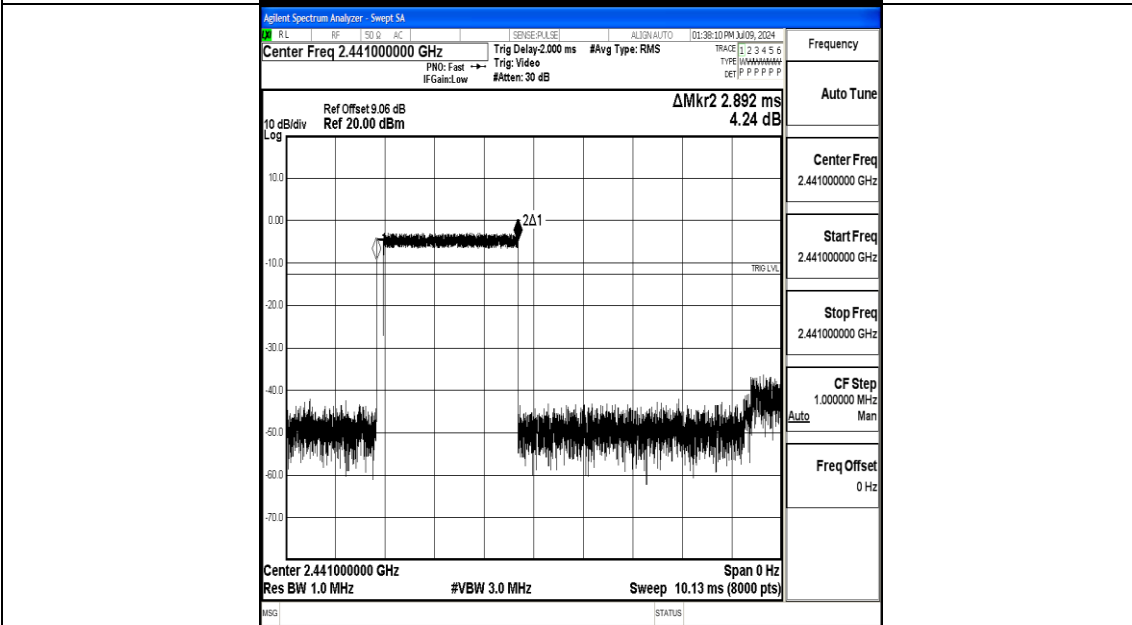
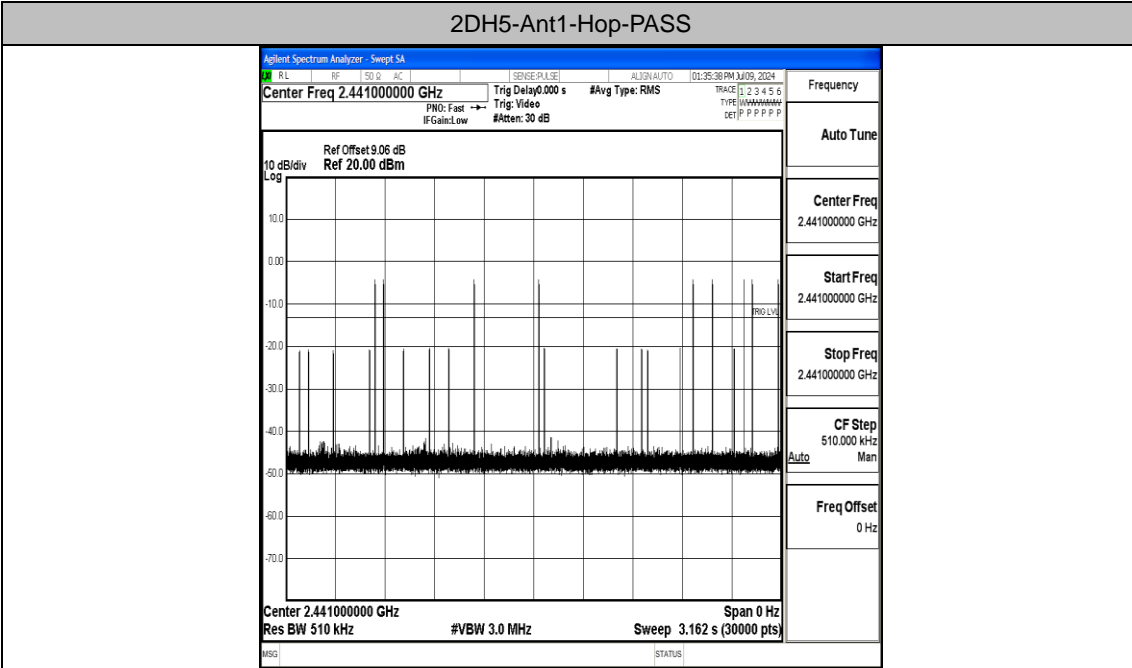
Test Result

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	100	0.289	≤0.4	PASS
3DH5	Ant1	Hop	2.892	80	0.231	≤0.4	PASS

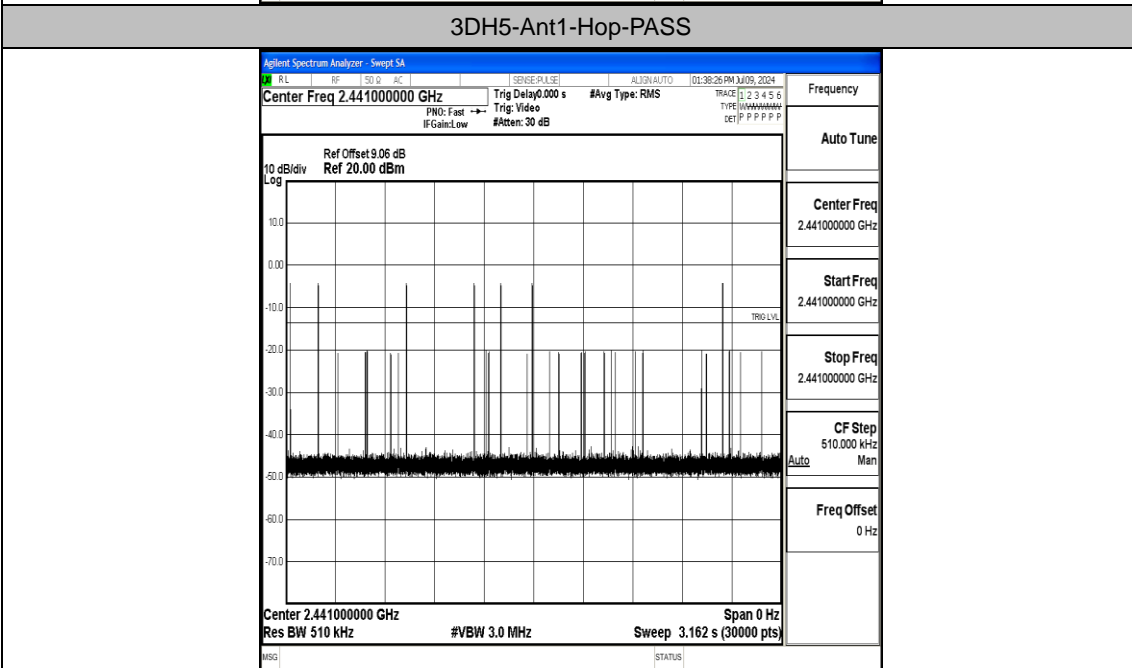
Test Graphs



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS

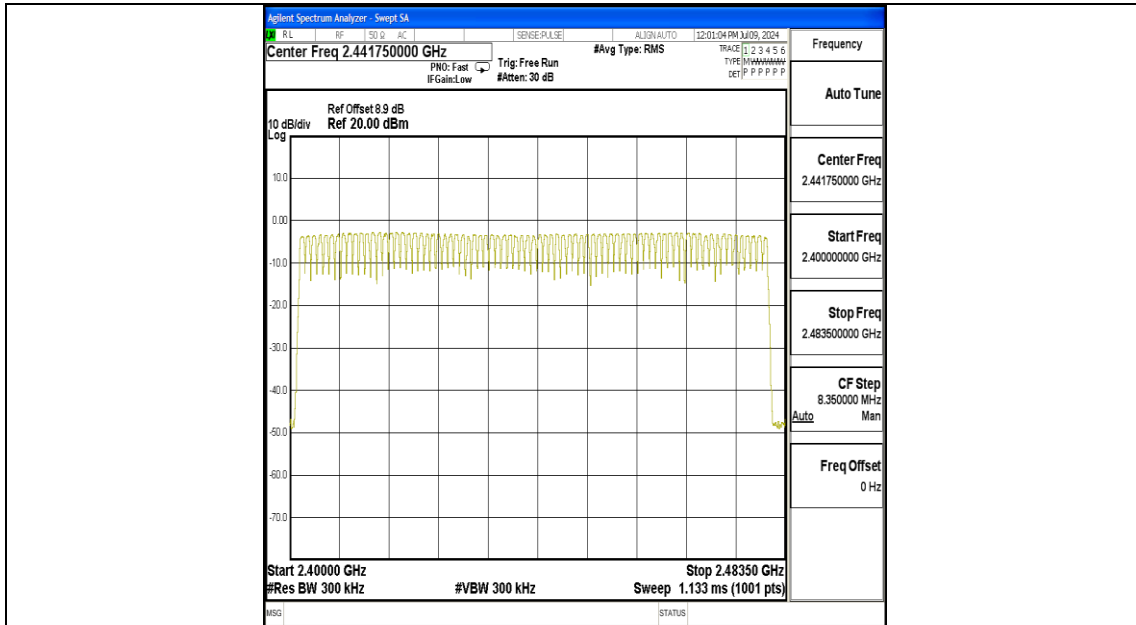


Appendix F: Number of hopping channels

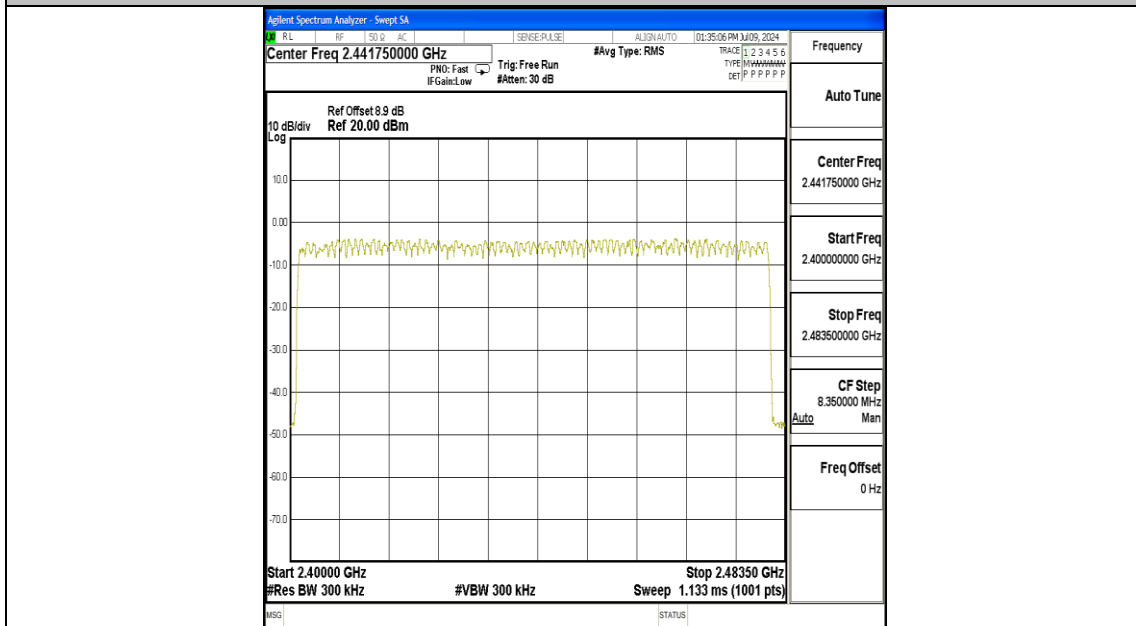
Test Result

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

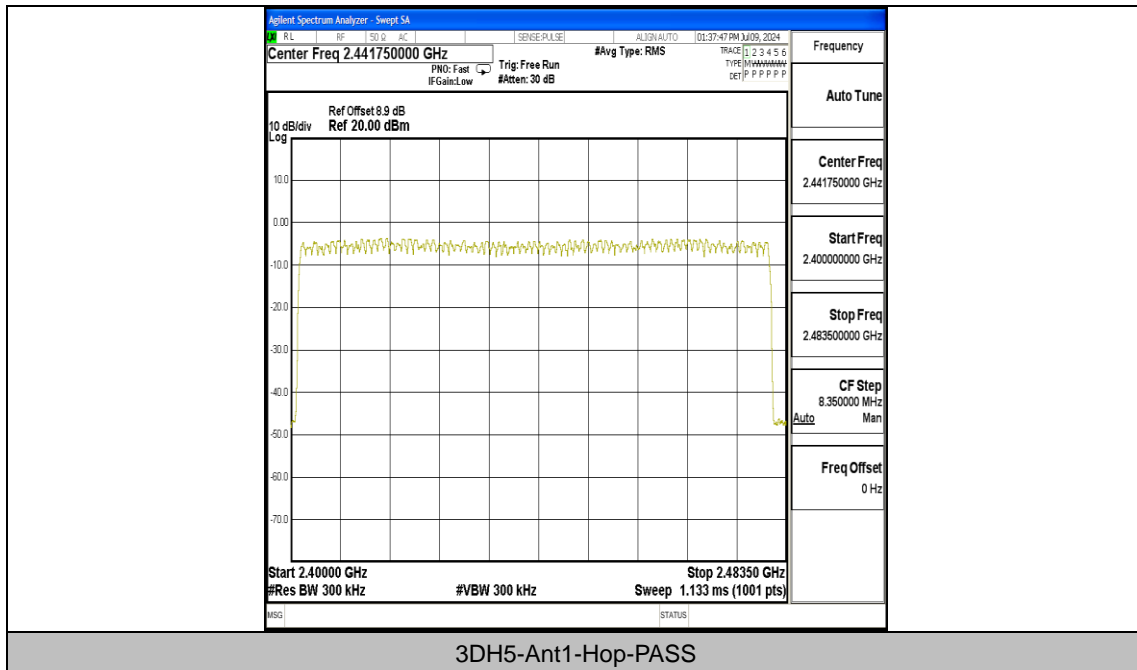
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS

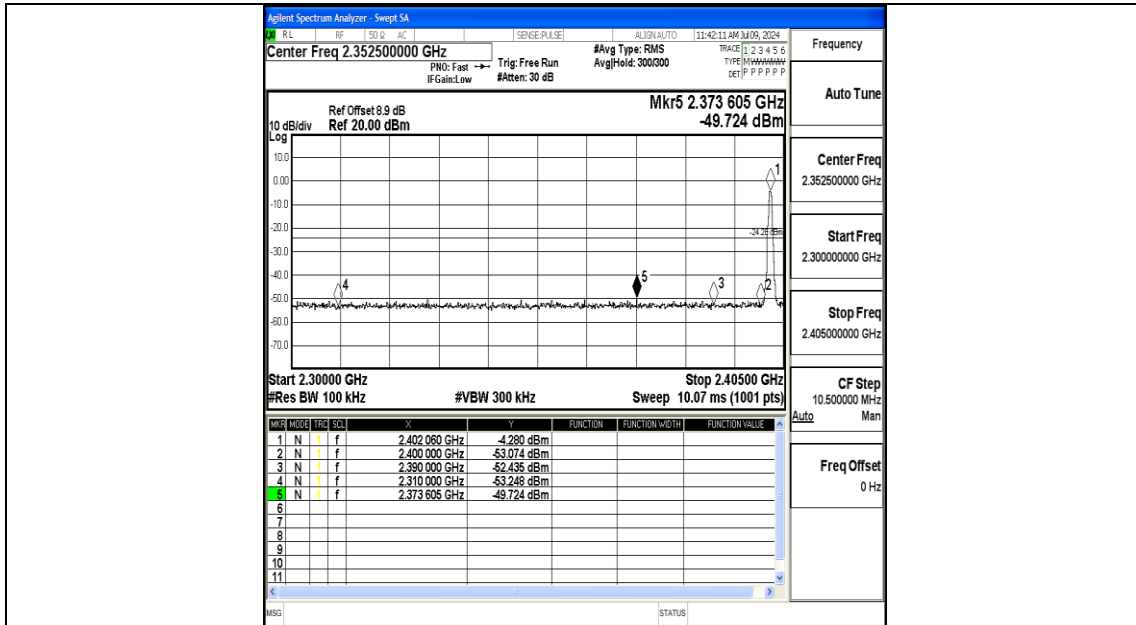


Appendix G: Band edge measurements

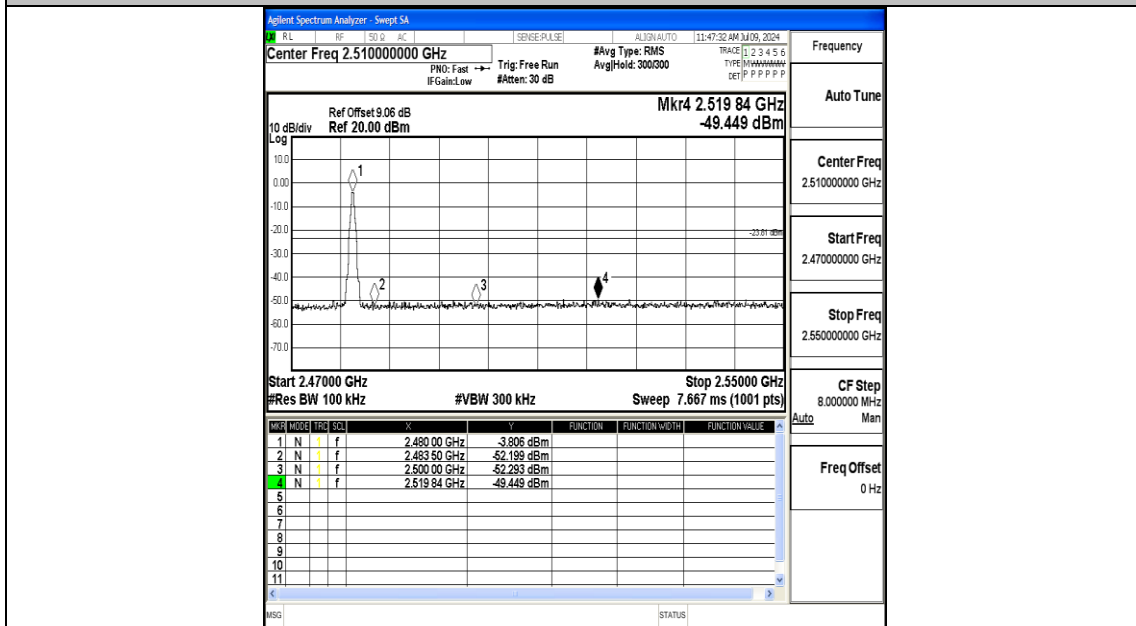
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.28	-49.72	≤-24.28	PASS
DH5	Ant1	High	2480	-3.81	-49.45	≤-23.81	PASS
DH5	Ant1	Low	Hop_2402	-4.58	-50.46	≤-24.58	PASS
DH5	Ant1	High	Hop_2480	-3.03	-49.12	≤-23.03	PASS
2DH5	Ant1	Low	2402	-5.42	-50.02	≤-25.42	PASS
2DH5	Ant1	High	2480	-4.68	-49.21	≤-24.68	PASS
2DH5	Ant1	Low	Hop_2402	-7.29	-50.57	≤-27.29	PASS
2DH5	Ant1	High	Hop_2480	-4.87	-48.58	≤-24.87	PASS
3DH5	Ant1	Low	2402	-4.68	-50.14	≤-24.68	PASS
3DH5	Ant1	High	2480	-4.54	-49.38	≤-24.54	PASS
3DH5	Ant1	Low	Hop_2402	-8.42	-51.04	≤-28.42	PASS
3DH5	Ant1	High	Hop_2480	-7.61	-49.29	≤-27.61	PASS

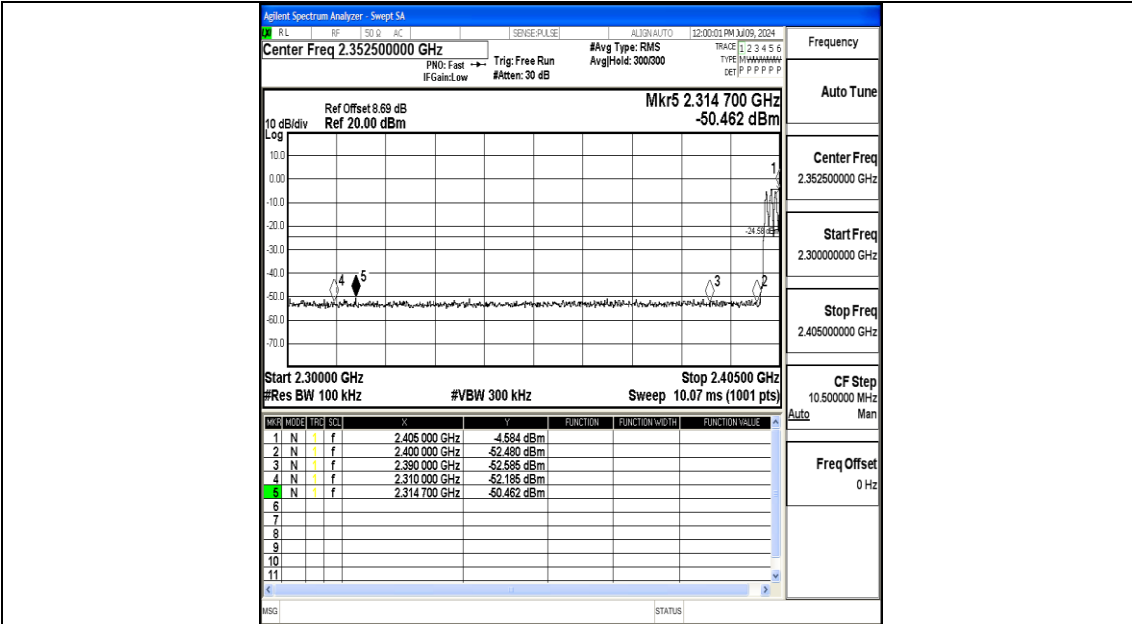
Test Graphs



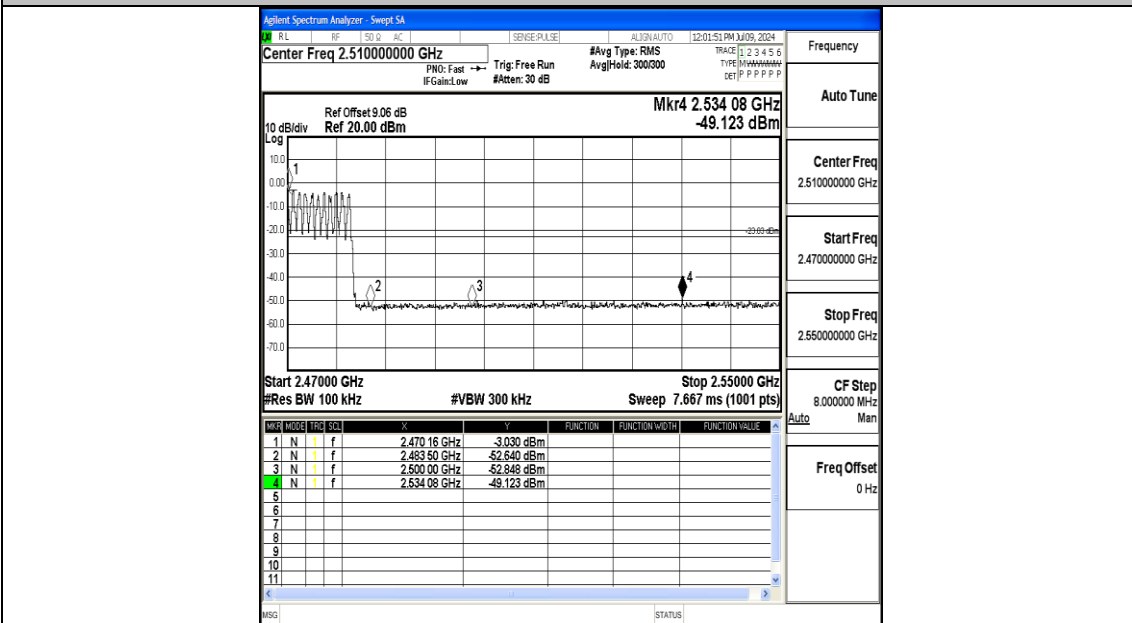
DH5-Ant1-2402-PASS



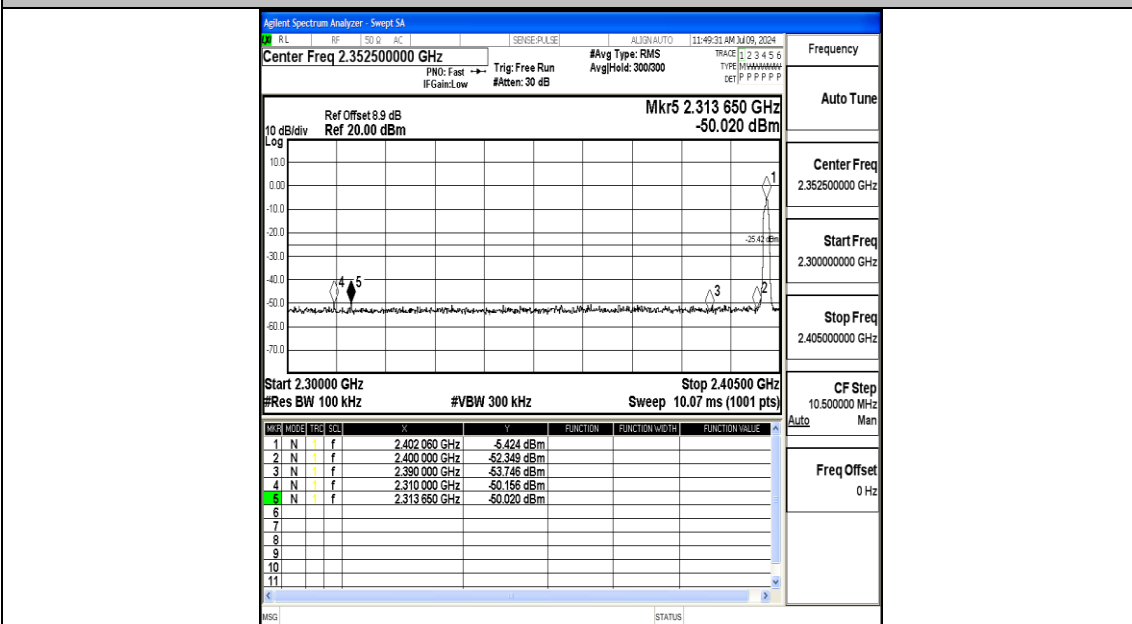
DH5-Ant1-2480-PASS



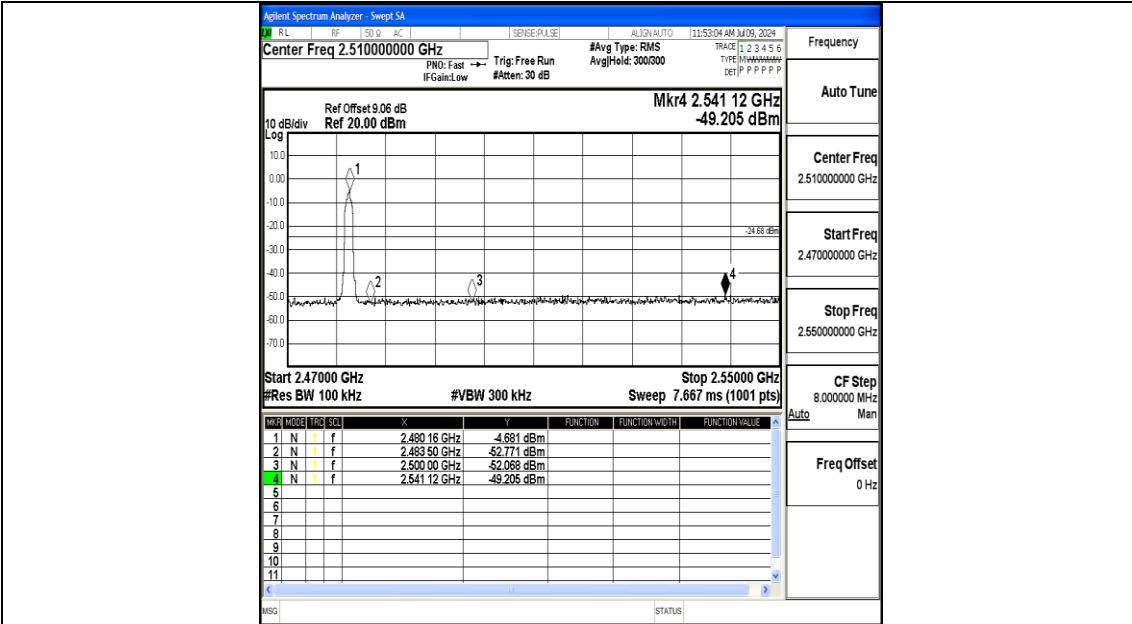
DH5-Ant1-Hop_2402-PASS



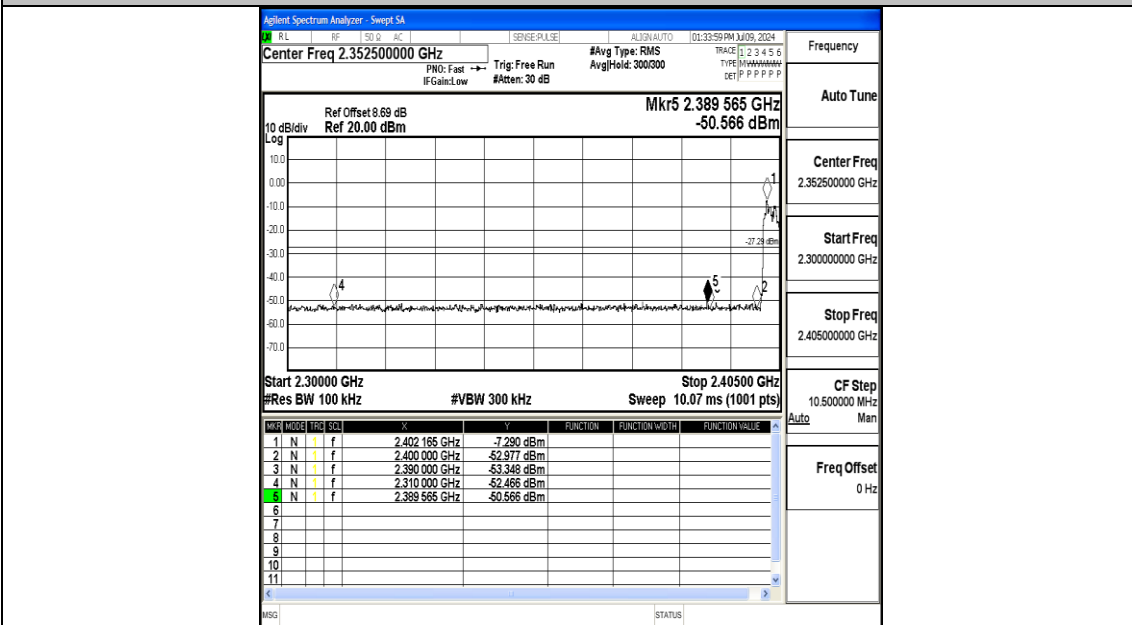
DH5-Ant1-Hop_2480-PASS



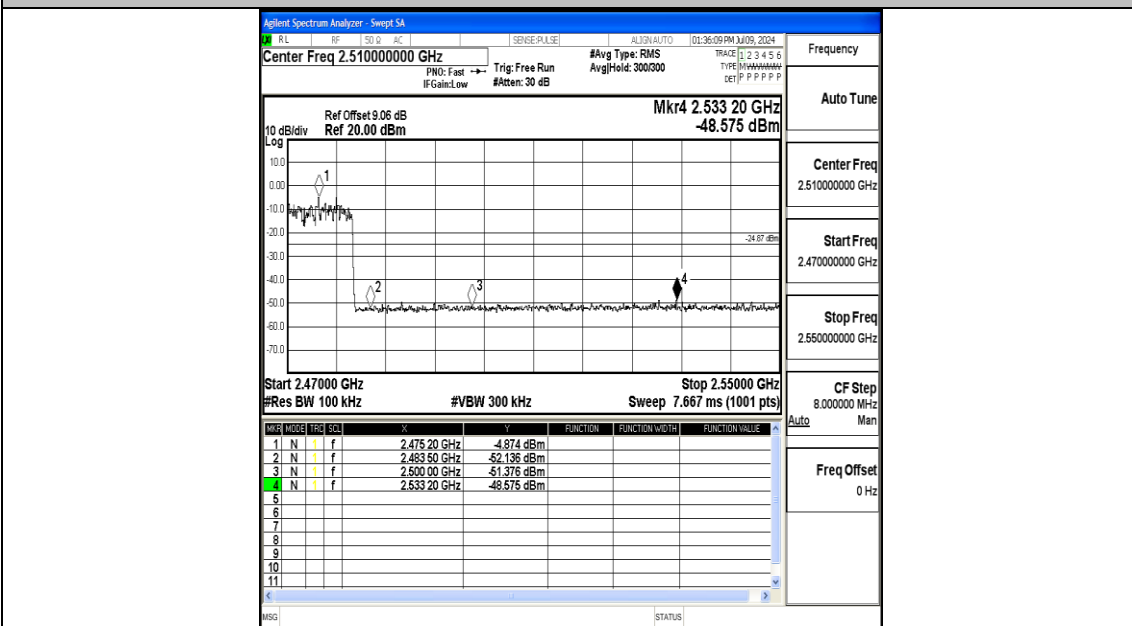
2DH5-Ant1-2402-PASS



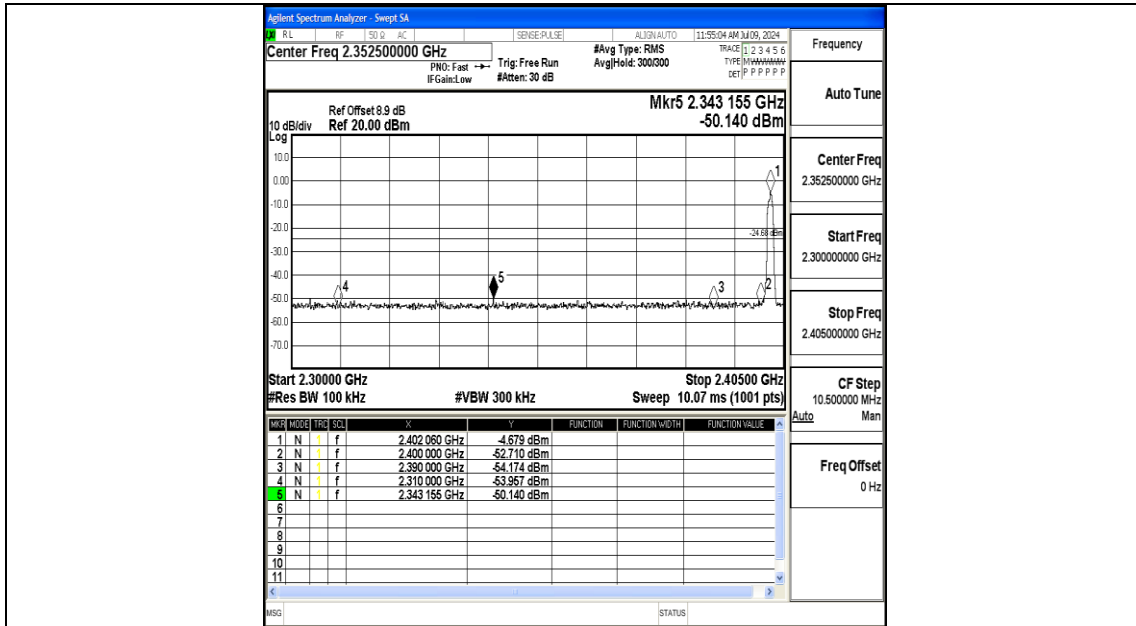
2DH5-Ant1-2480-PASS



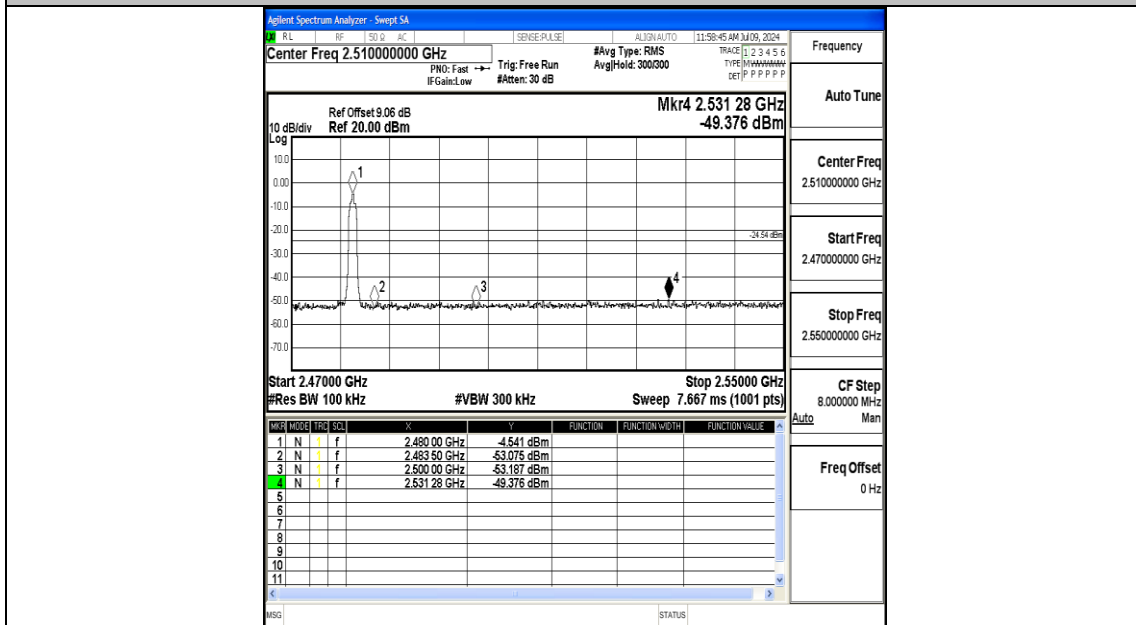
2DH5-Ant1-Hop_2402-PASS



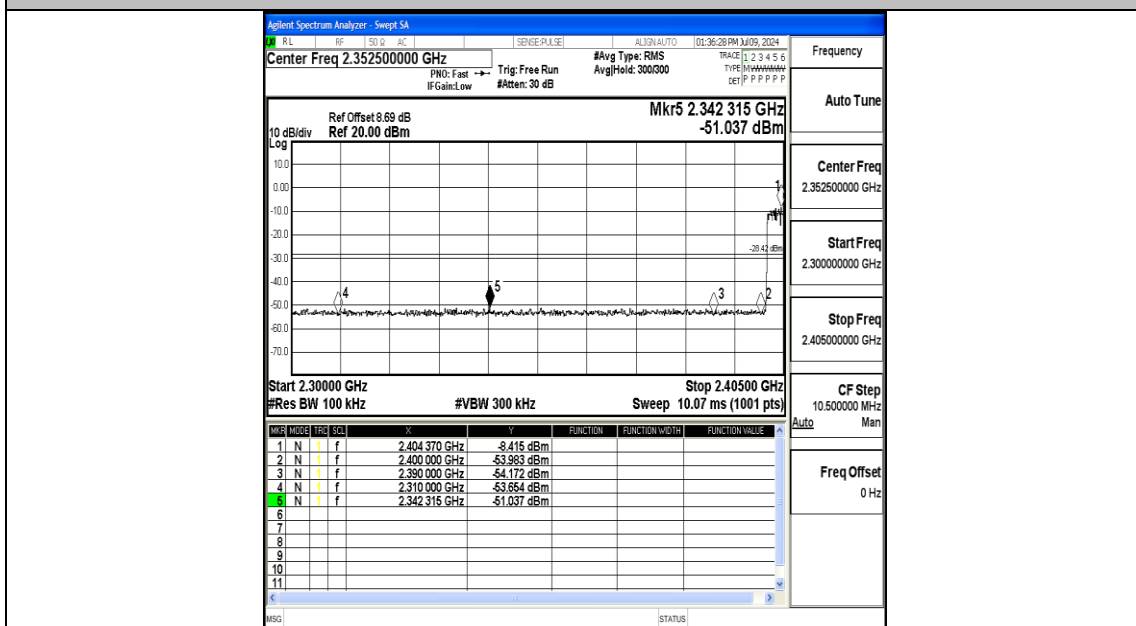
2DH5-Ant1-Hop_2480-PASS



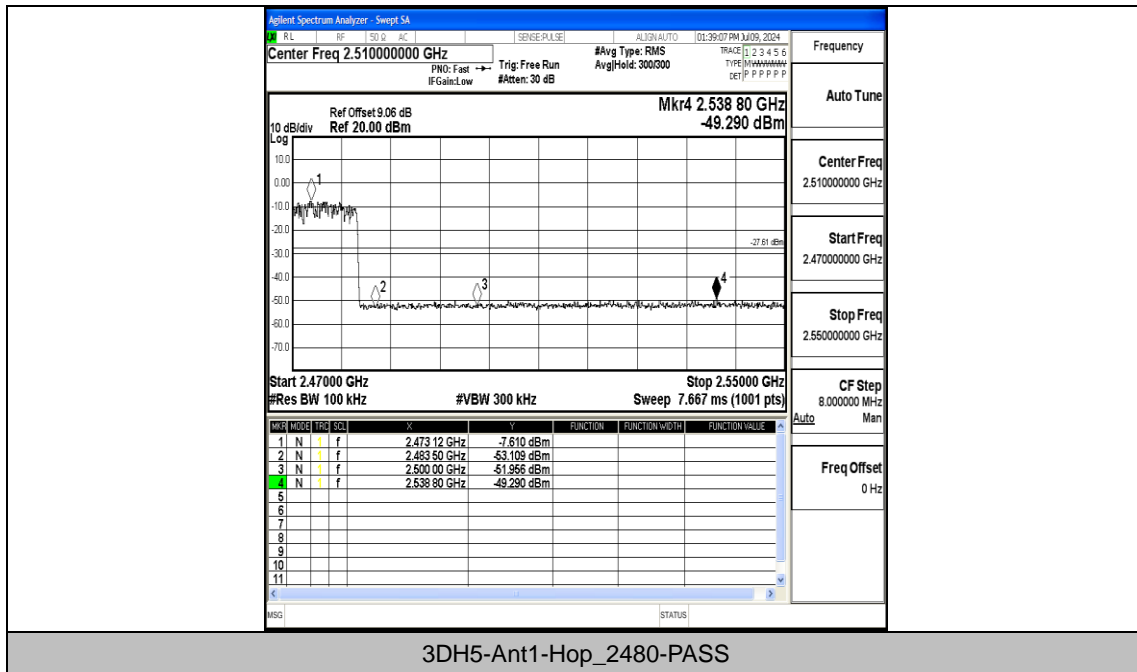
3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS

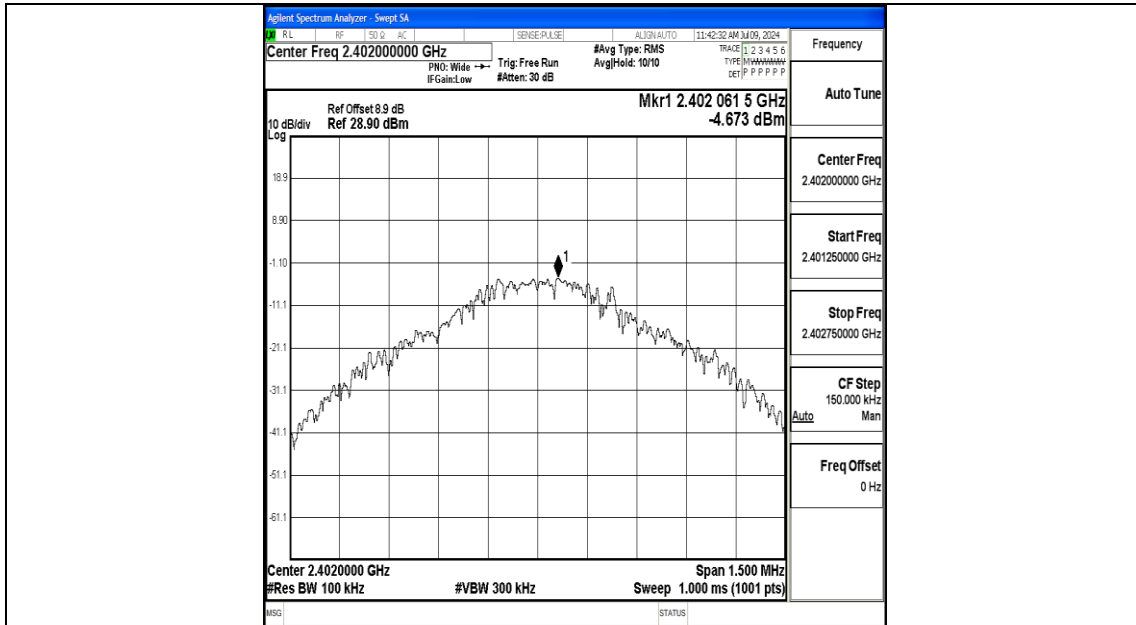


Appendix H: Conducted Spurious Emission

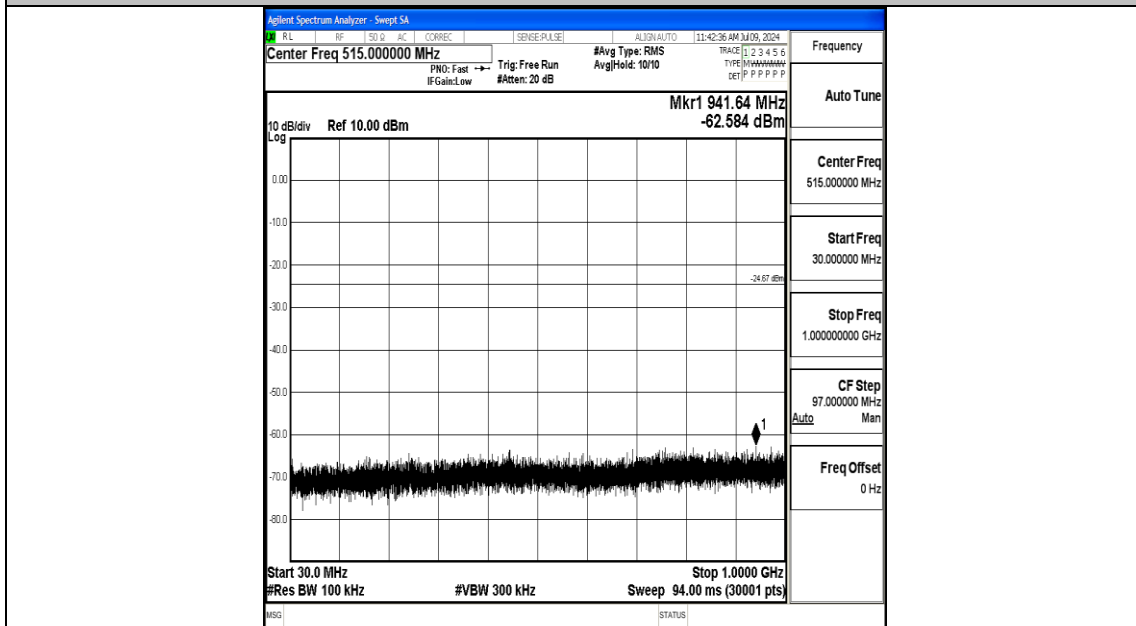
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-4.67	-4.67	---	PASS
DH5	Ant1	2402	30~1000	-4.67	-62.58	≤-24.67	PASS
DH5	Ant1	2402	1000~26500	-4.67	-50.97	≤-24.67	PASS
DH5	Ant1	2441	0~Reference	-4.17	-4.17	---	PASS
DH5	Ant1	2441	30~1000	-4.17	-61.84	≤-24.17	PASS
DH5	Ant1	2441	1000~26500	-4.17	-50.12	≤-24.17	PASS
DH5	Ant1	2480	0~Reference	-4.52	-4.52	---	PASS
DH5	Ant1	2480	30~1000	-4.52	-62.95	≤-24.52	PASS
DH5	Ant1	2480	1000~26500	-4.52	-49.57	≤-24.52	PASS
2DH5	Ant1	2402	0~Reference	-5.11	-5.11	---	PASS
2DH5	Ant1	2402	30~1000	-5.11	-62.5	≤-25.11	PASS
2DH5	Ant1	2402	1000~26500	-5.11	-50.84	≤-25.11	PASS
2DH5	Ant1	2441	0~Reference	-7.35	-7.35	---	PASS
2DH5	Ant1	2441	30~1000	-7.35	-61.46	≤-27.35	PASS
2DH5	Ant1	2441	1000~26500	-7.35	-48.78	≤-27.35	PASS
2DH5	Ant1	2480	0~Reference	-7.72	-7.72	---	PASS
2DH5	Ant1	2480	30~1000	-7.72	-62.81	≤-27.72	PASS
2DH5	Ant1	2480	1000~26500	-7.72	-49.77	≤-27.72	PASS
3DH5	Ant1	2402	0~Reference	-8.04	-8.04	---	PASS
3DH5	Ant1	2402	30~1000	-8.04	-62.1	≤-28.04	PASS
3DH5	Ant1	2402	1000~26500	-8.04	-50.37	≤-28.04	PASS
3DH5	Ant1	2441	0~Reference	-7.30	-7.30	---	PASS
3DH5	Ant1	2441	30~1000	-7.30	-62.06	≤-27.3	PASS
3DH5	Ant1	2441	1000~26500	-7.30	-50.71	≤-27.3	PASS
3DH5	Ant1	2480	0~Reference	-6.81	-6.81	---	PASS
3DH5	Ant1	2480	30~1000	-6.81	-61.95	≤-26.81	PASS
3DH5	Ant1	2480	1000~26500	-6.81	-50.48	≤-26.81	PASS

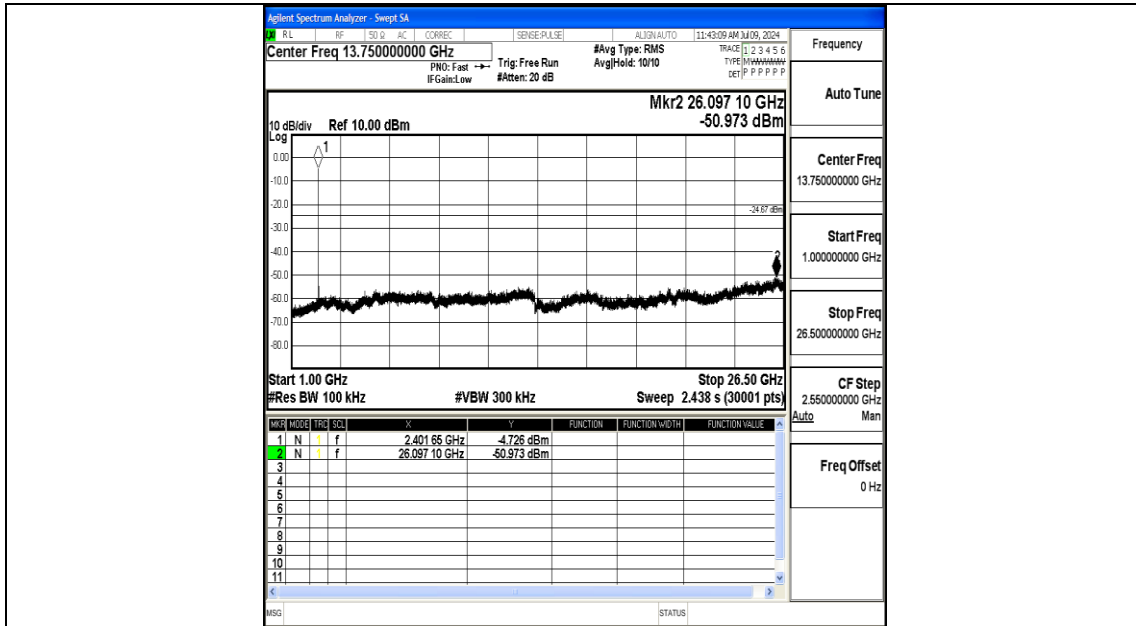
Test Graphs



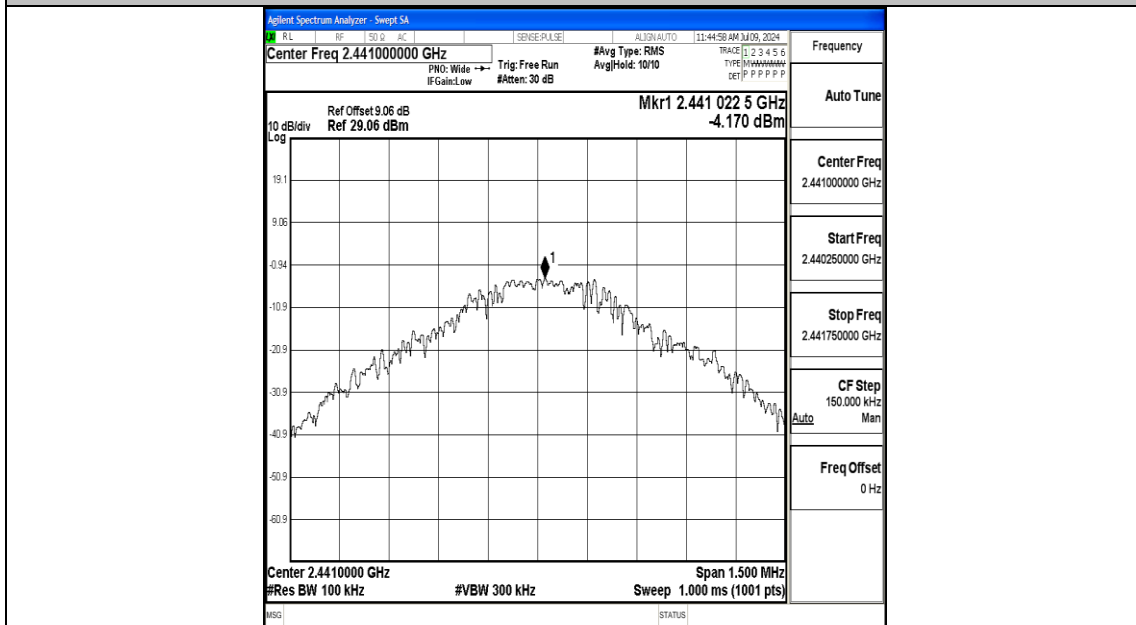
DH5-Ant1-2402-0~Reference-PASS



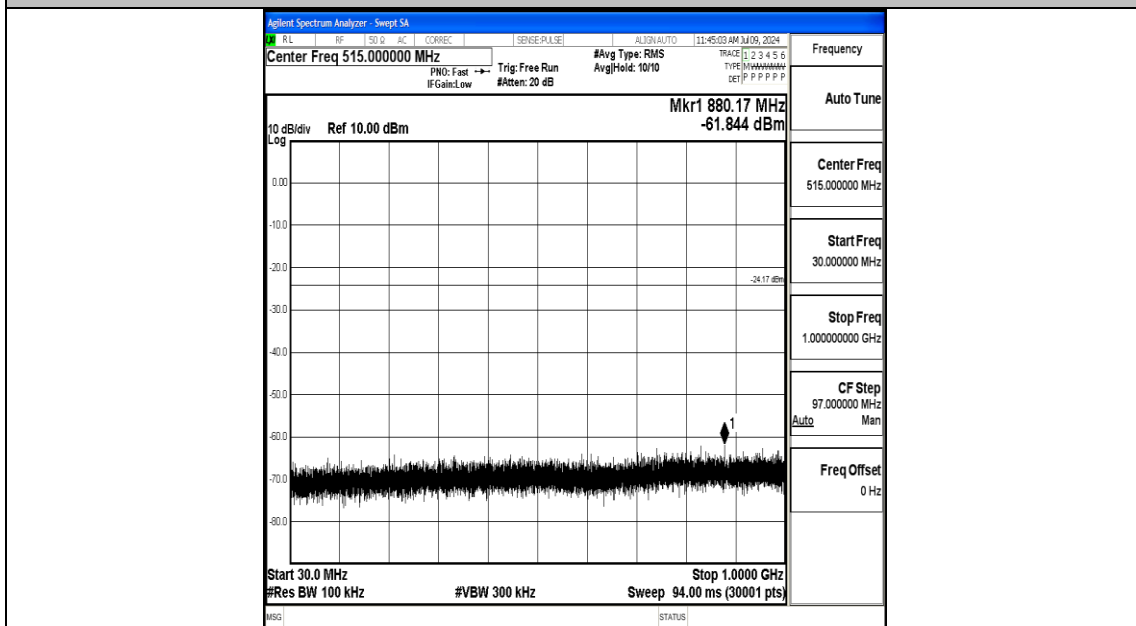
DH5-Ant1-2402-30~1000-PASS



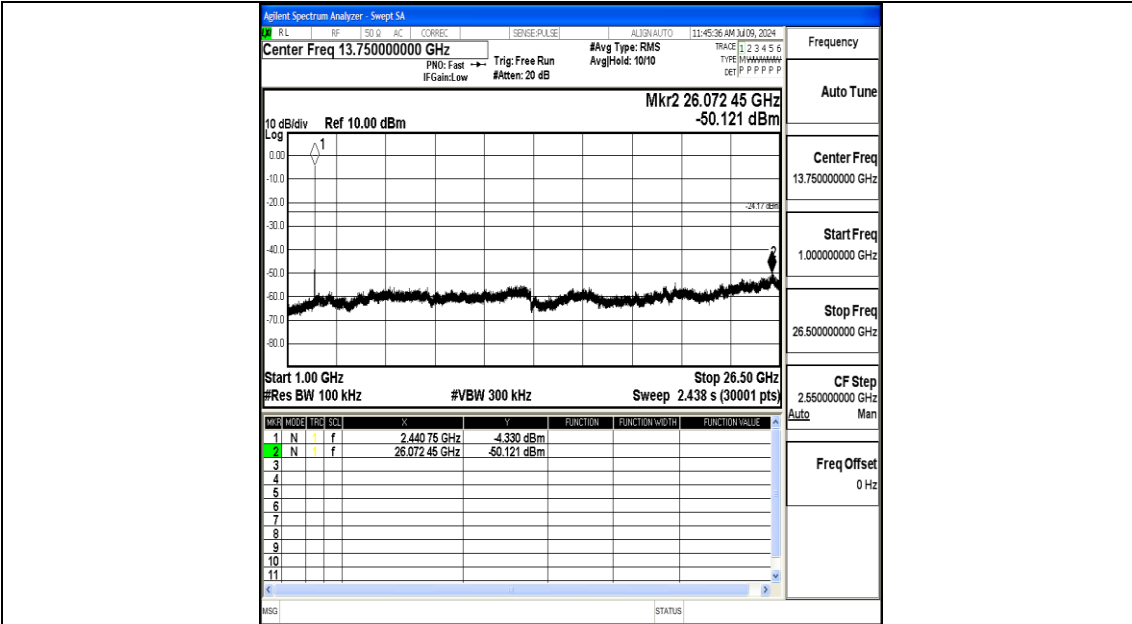
DH5-Ant1-2402-1000~26500-PASS



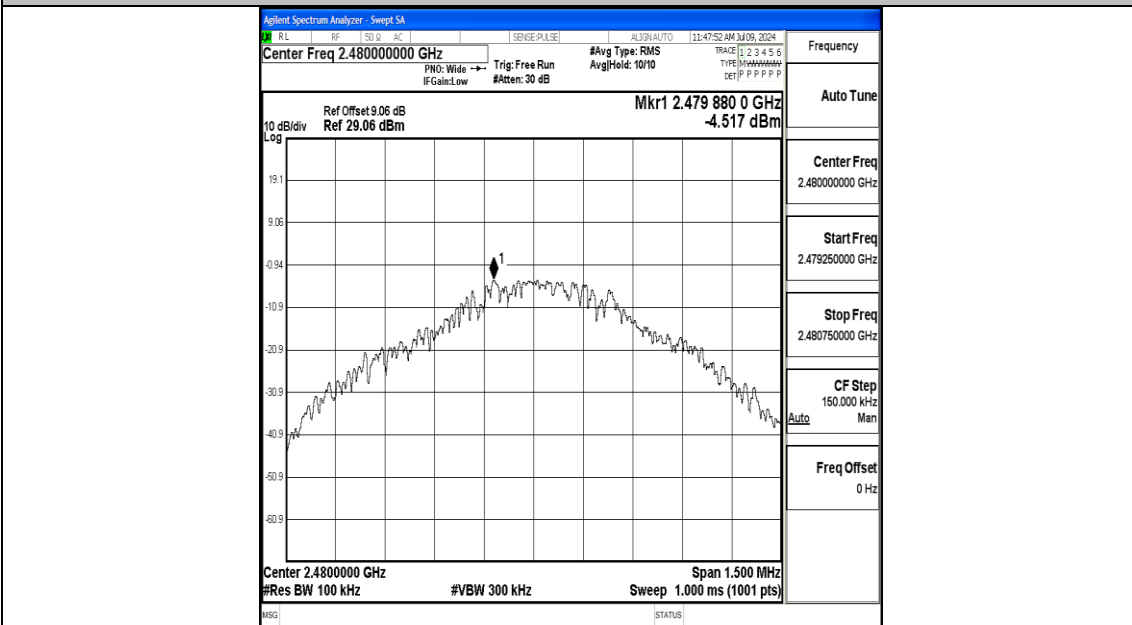
DH5-Ant1-2441-0~Reference-PASS



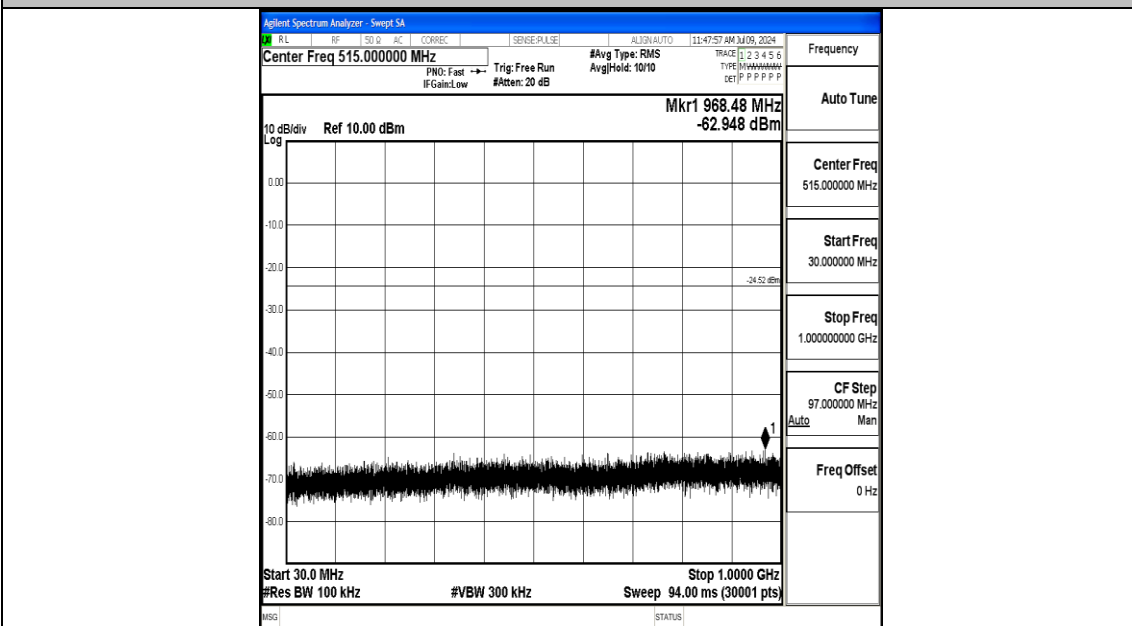
DH5-Ant1-2441-30~1000-PASS



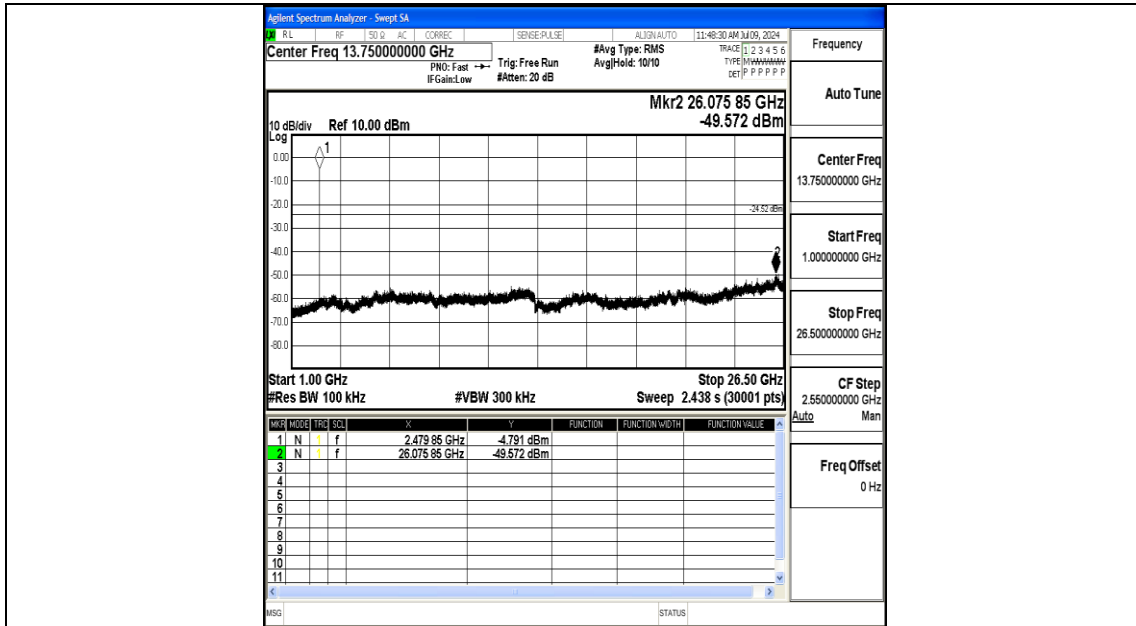
DH5-Ant1-2441-1000~26500-PASS



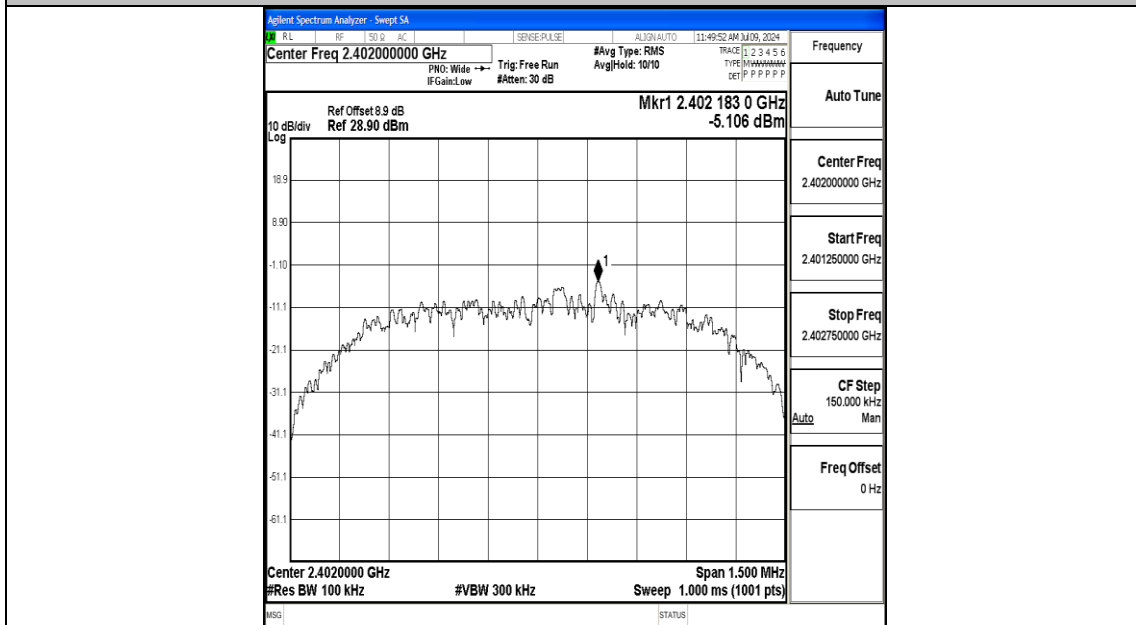
DH5-Ant1-2480-0~Reference-PASS



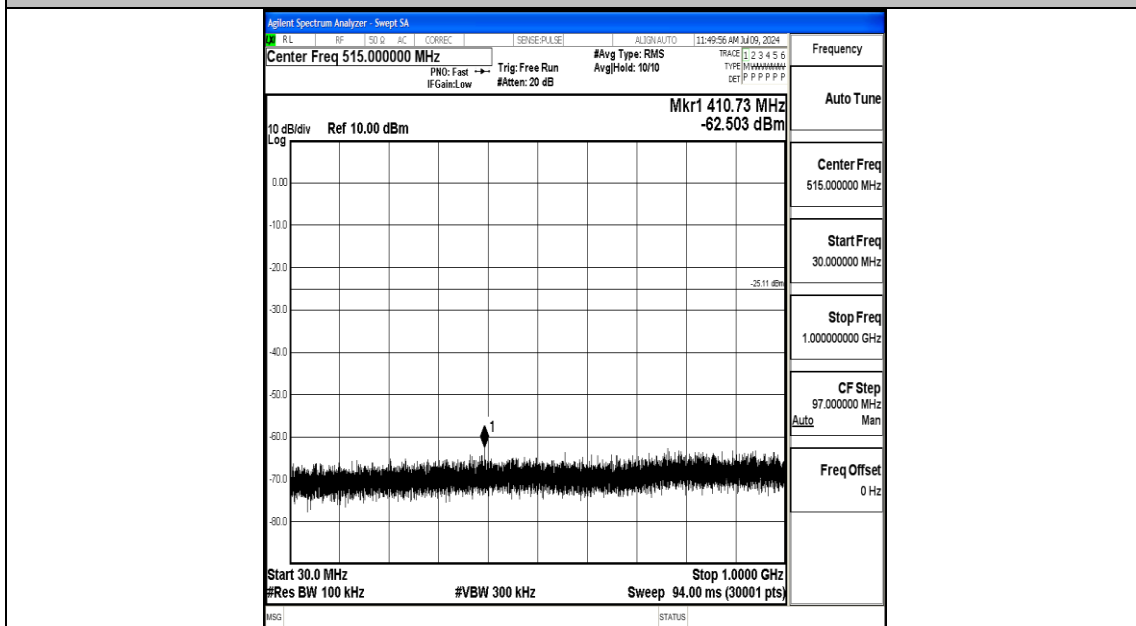
DH5-Ant1-2480-30~1000-PASS



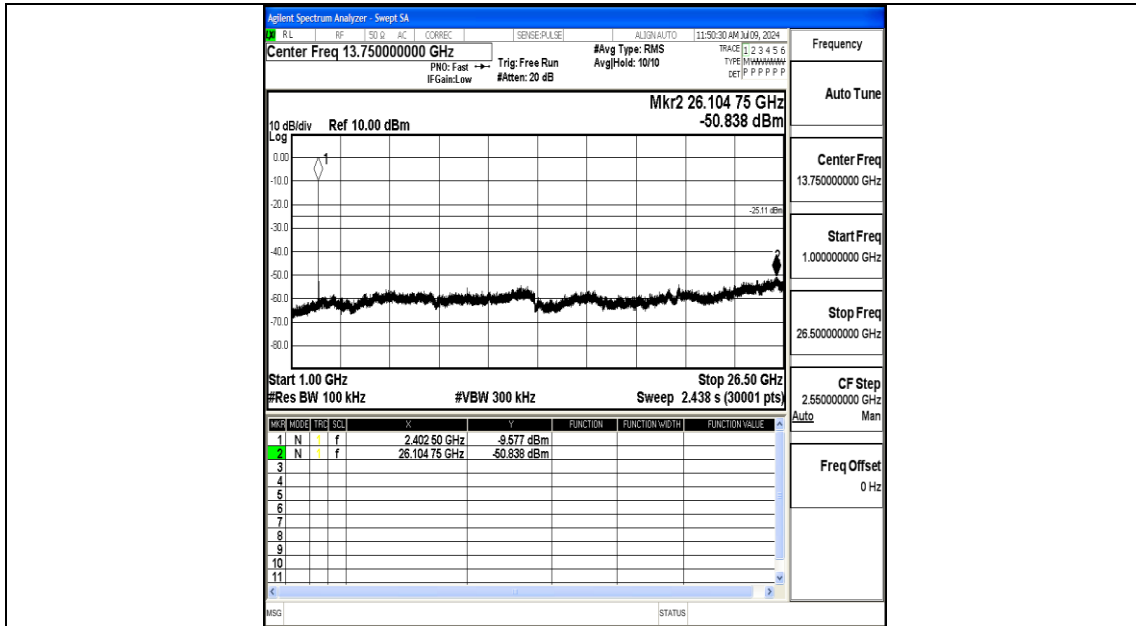
DH5-Ant1-2480-1000~26500-PASS



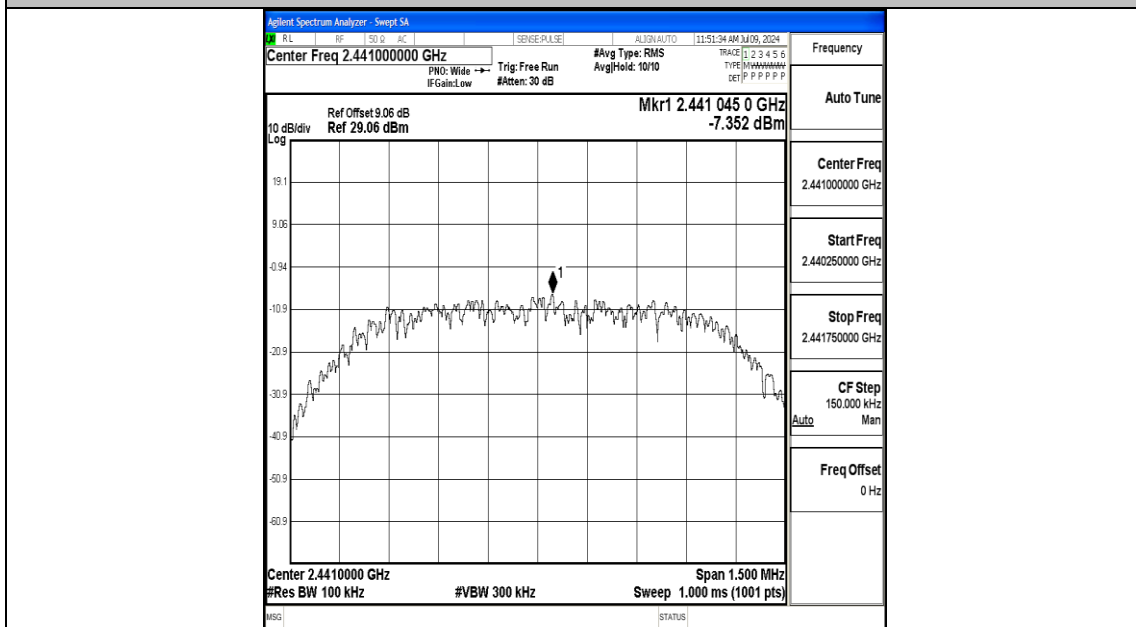
2DH5-Ant1-2402-0~Reference-PASS



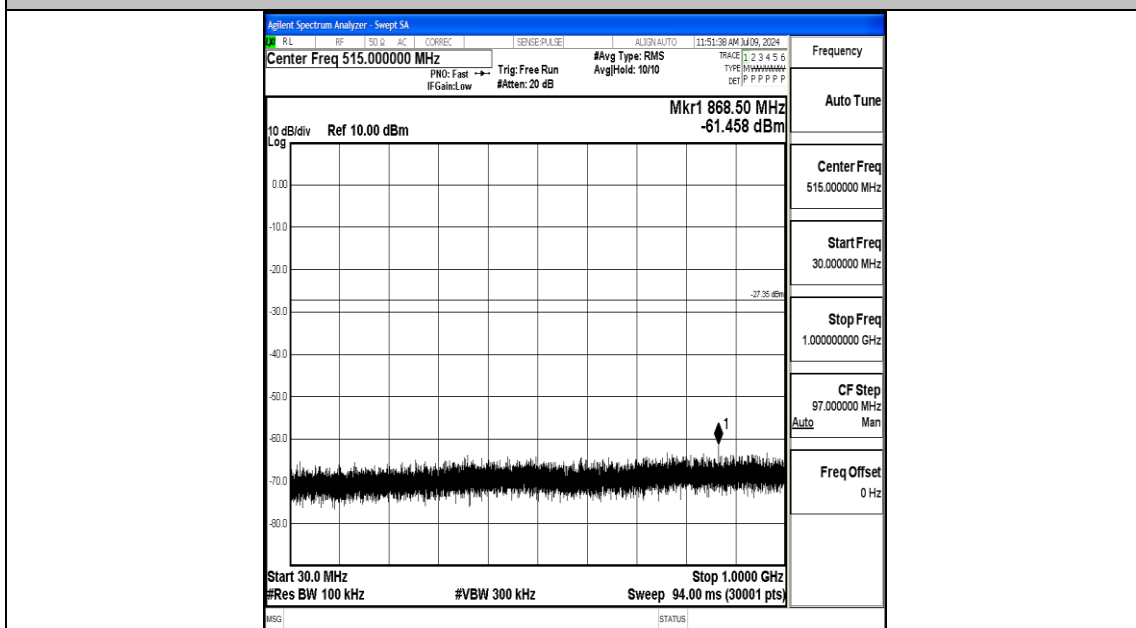
2DH5-Ant1-2402-30~1000-PASS



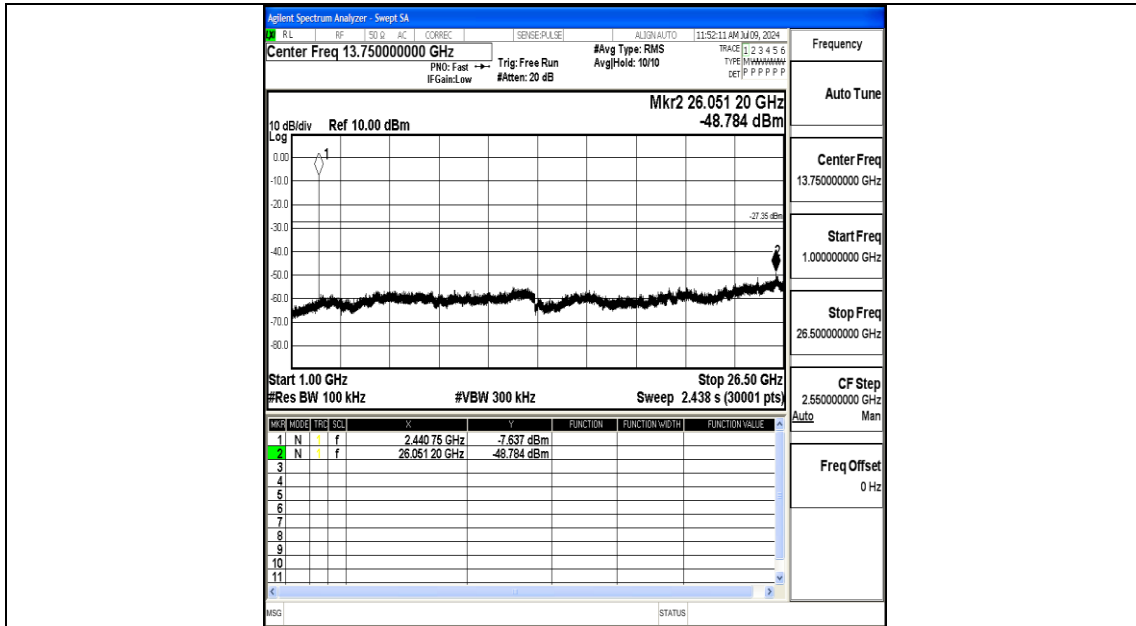
2DH5-Ant1-2402-1000~26500-PASS



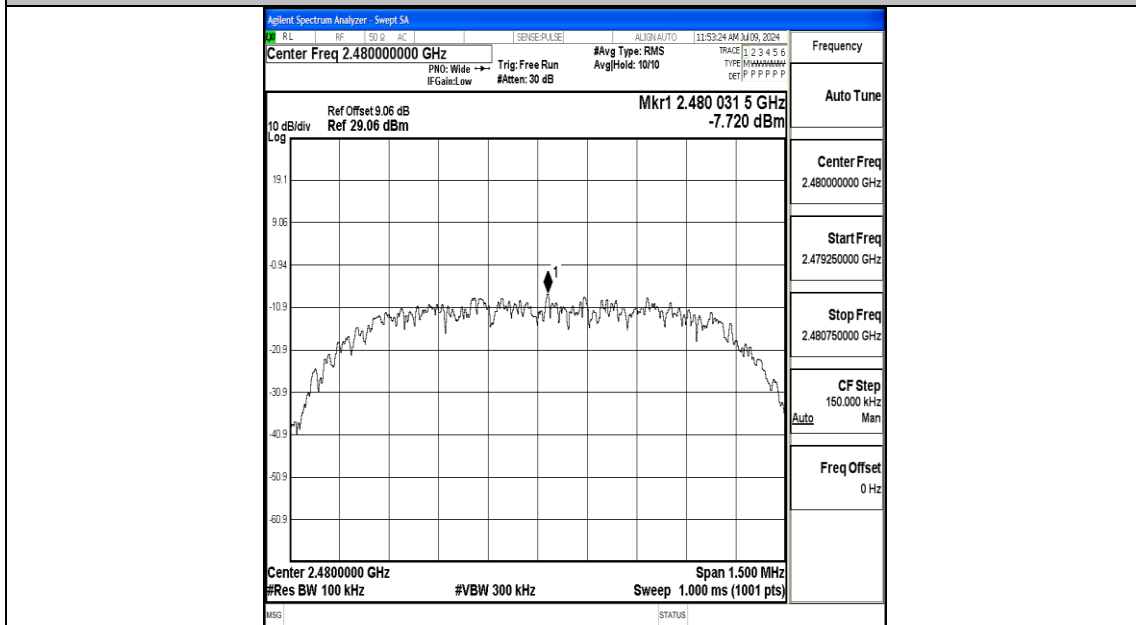
2DH5-Ant1-2441-0~Reference-PASS



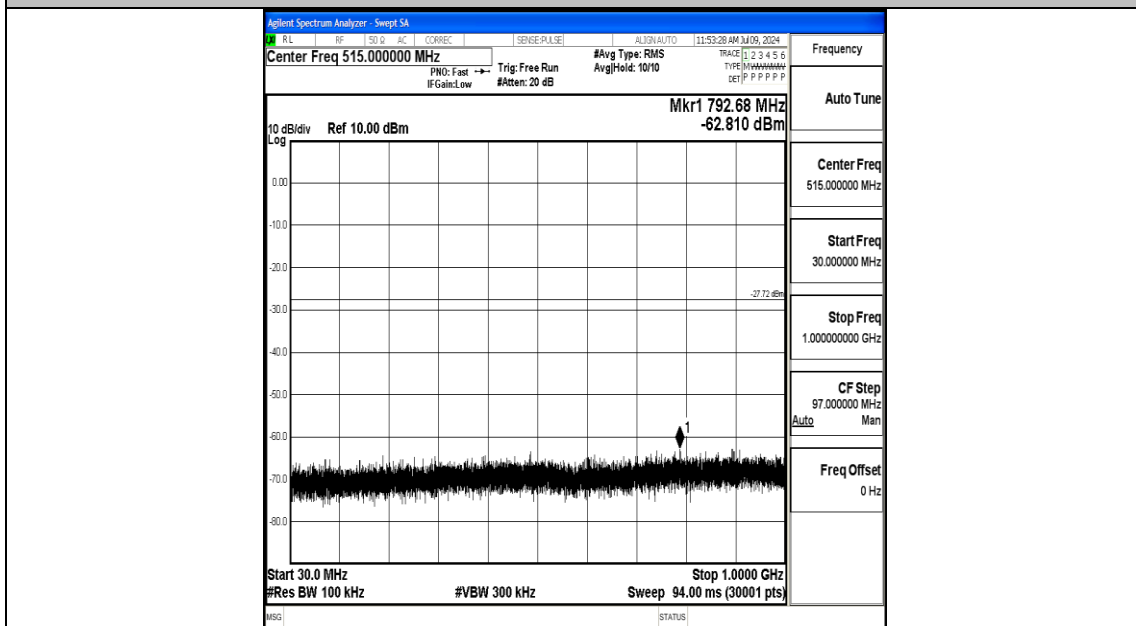
2DH5-Ant1-2441-30~1000-PASS



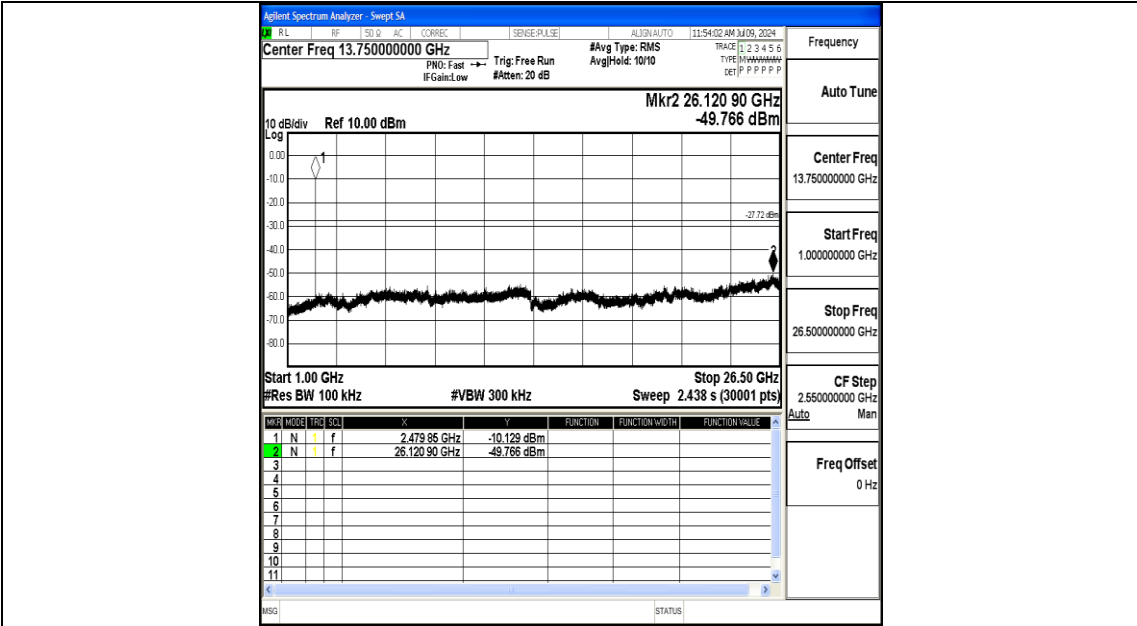
2DH5-Ant1-2441-1000~26500-PASS



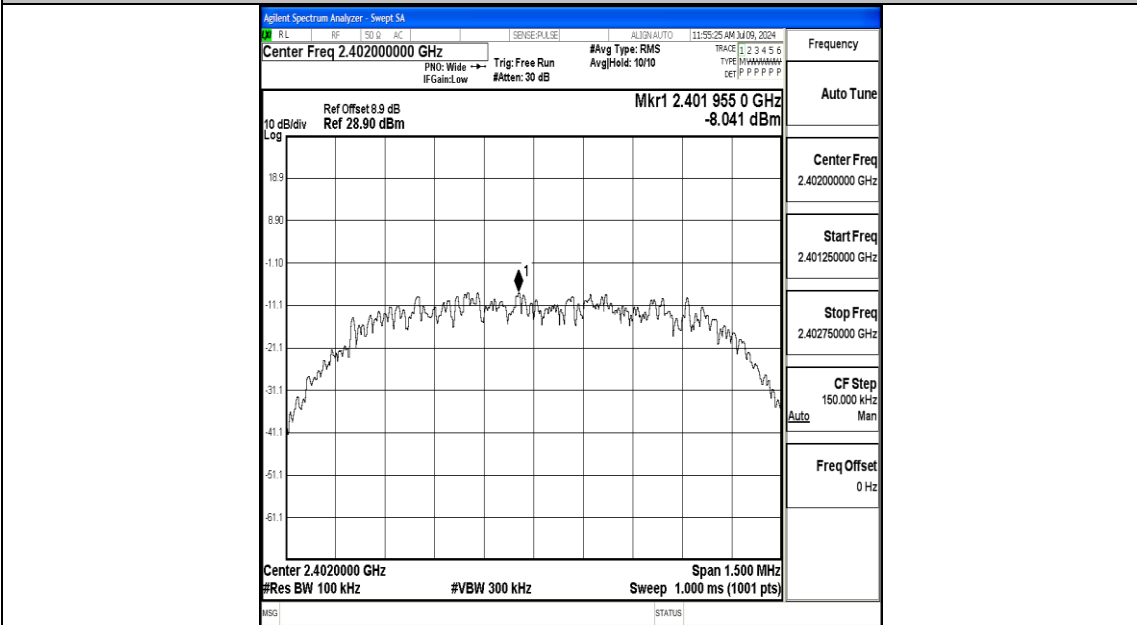
2DH5-Ant1-2480-0~Reference-PASS



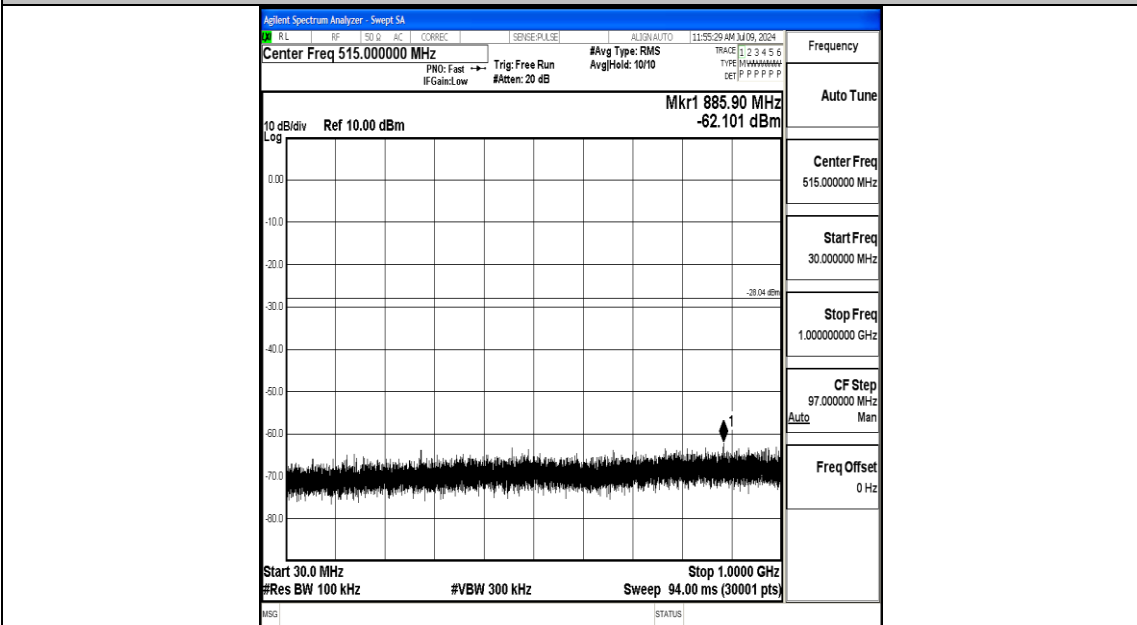
2DH5-Ant1-2480-30~1000-PASS



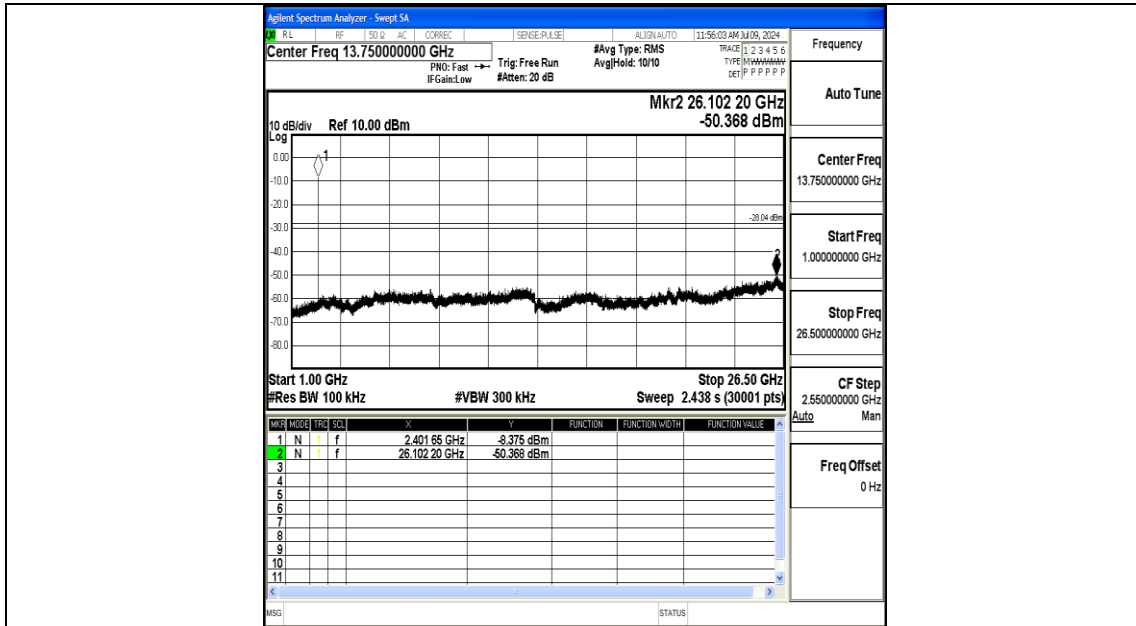
2DH5-Ant1-2480-1000~26500-PASS



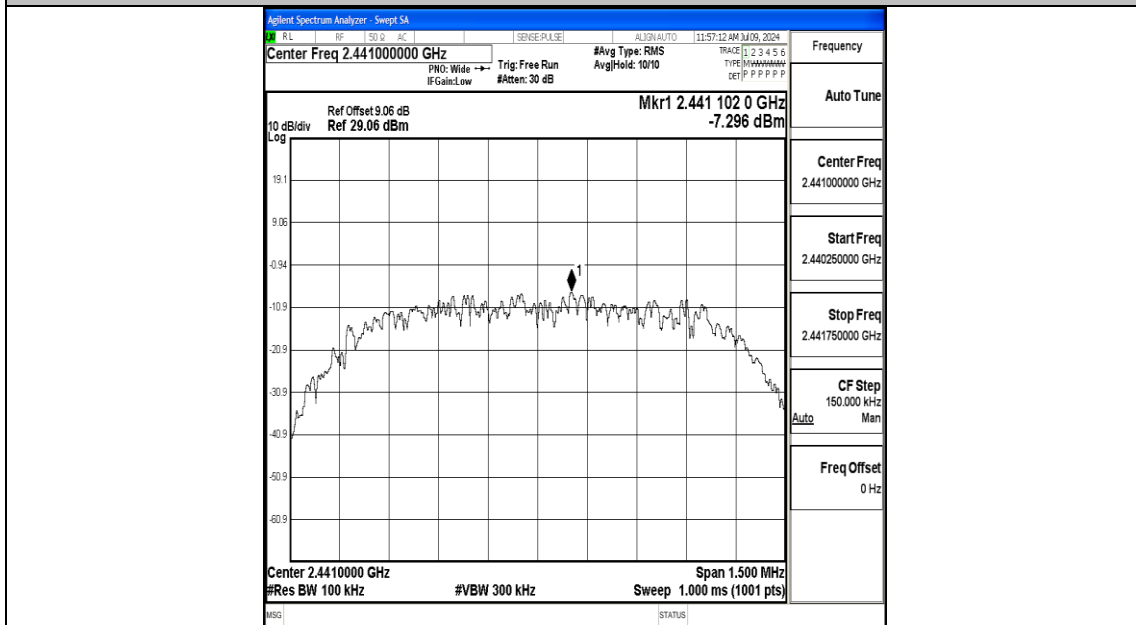
3DH5-Ant1-2402-0~Reference-PASS



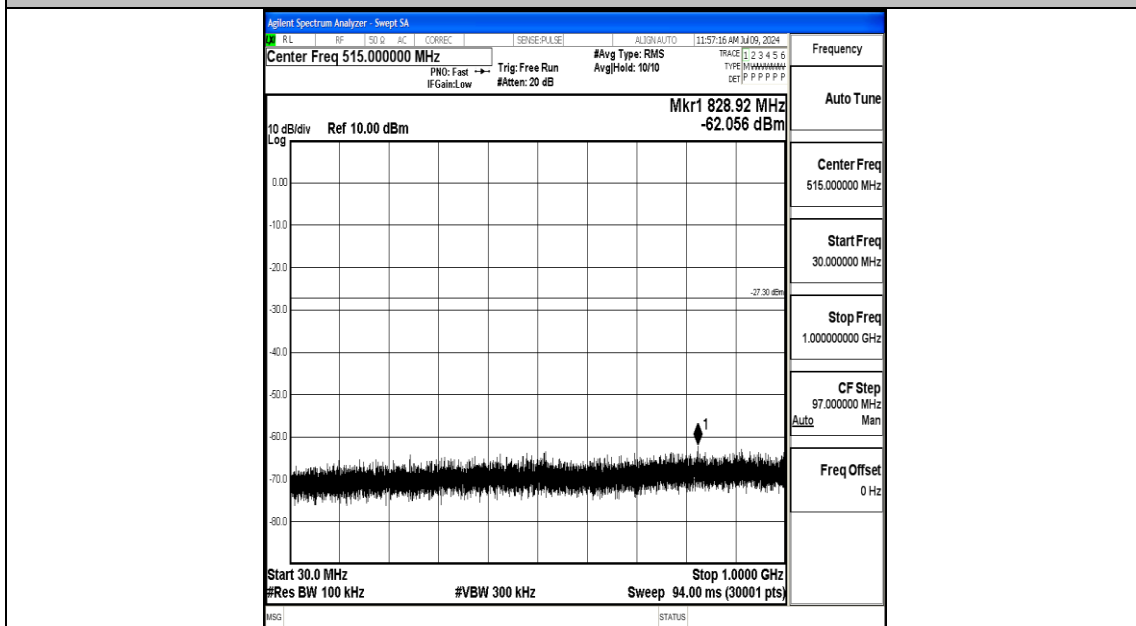
3DH5-Ant1-2402-30~1000-PASS



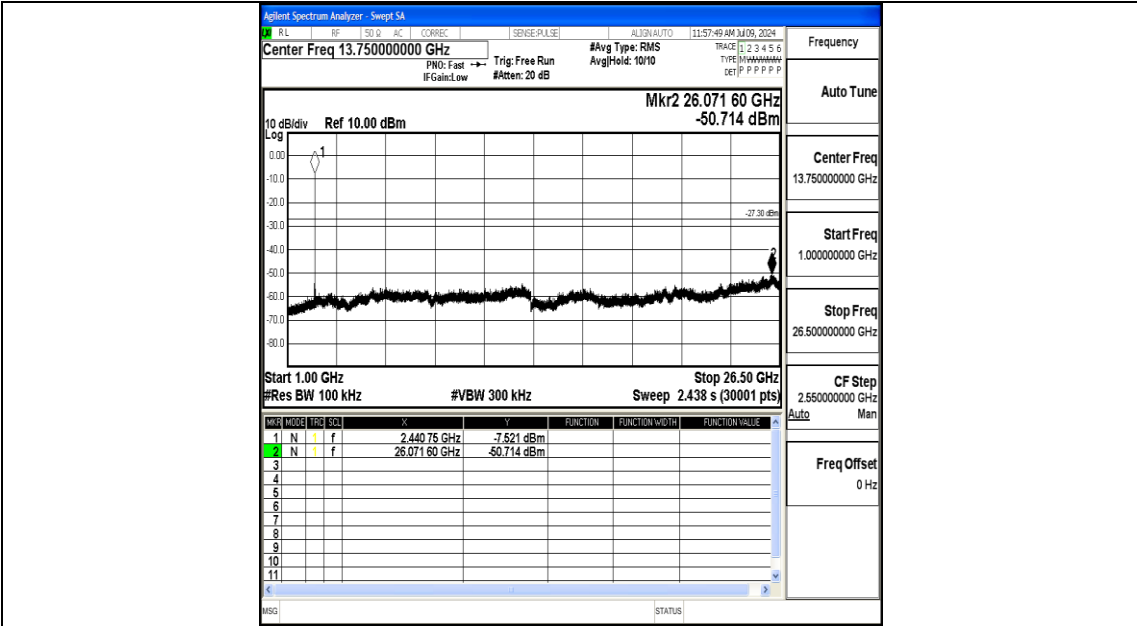
3DH5-Ant1-2402-1000~26500-PASS



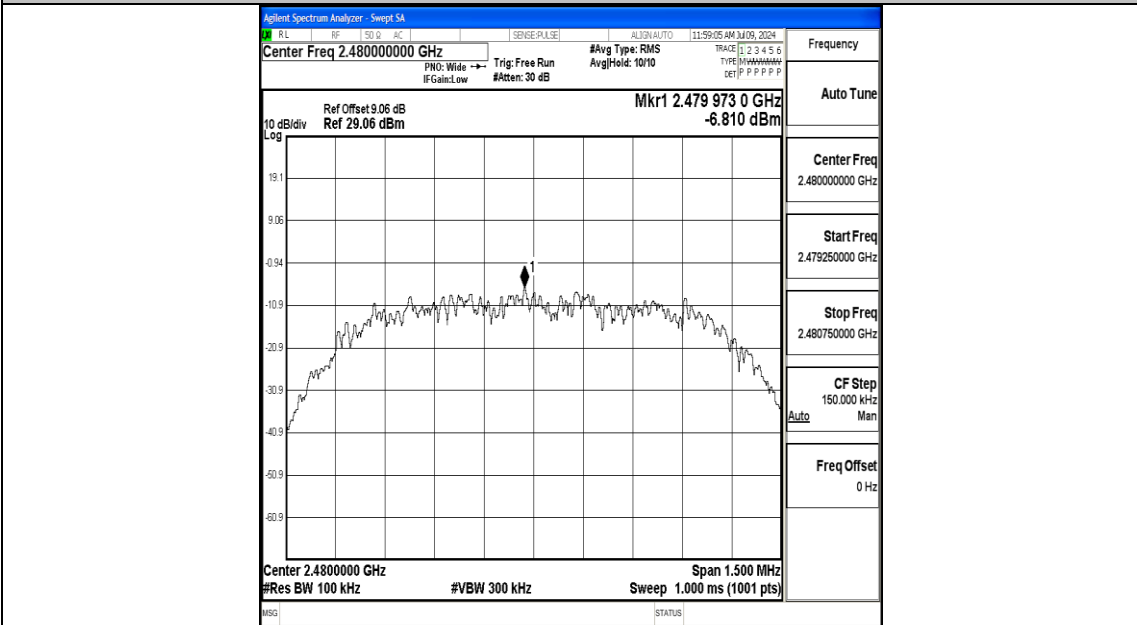
3DH5-Ant1-2441-0~Reference-PASS



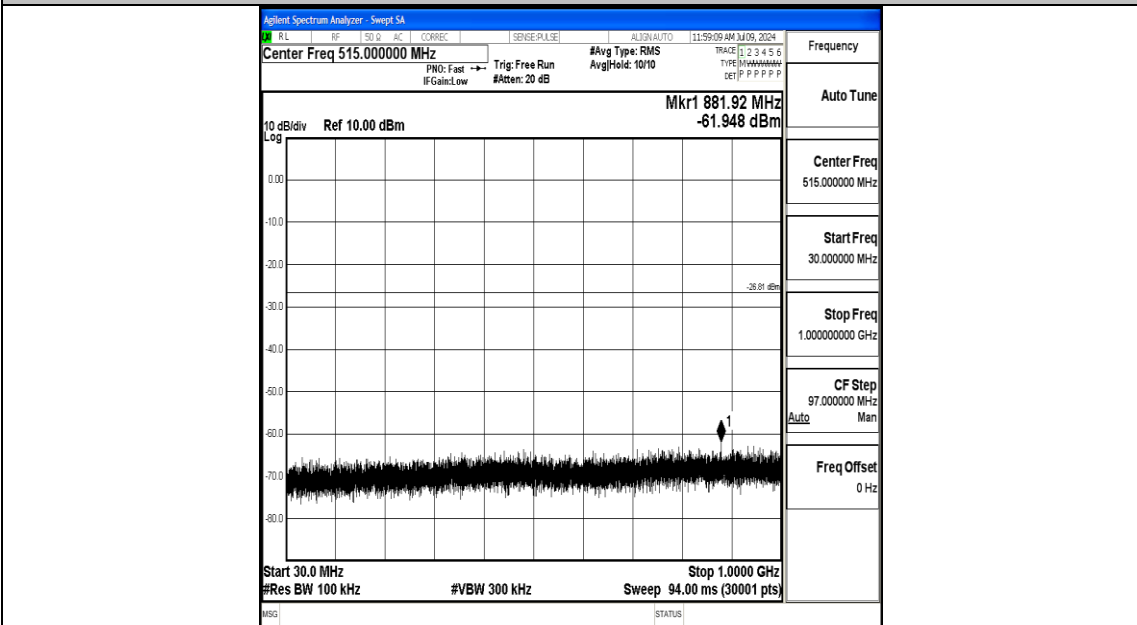
3DH5-Ant1-2441-30~1000-PASS



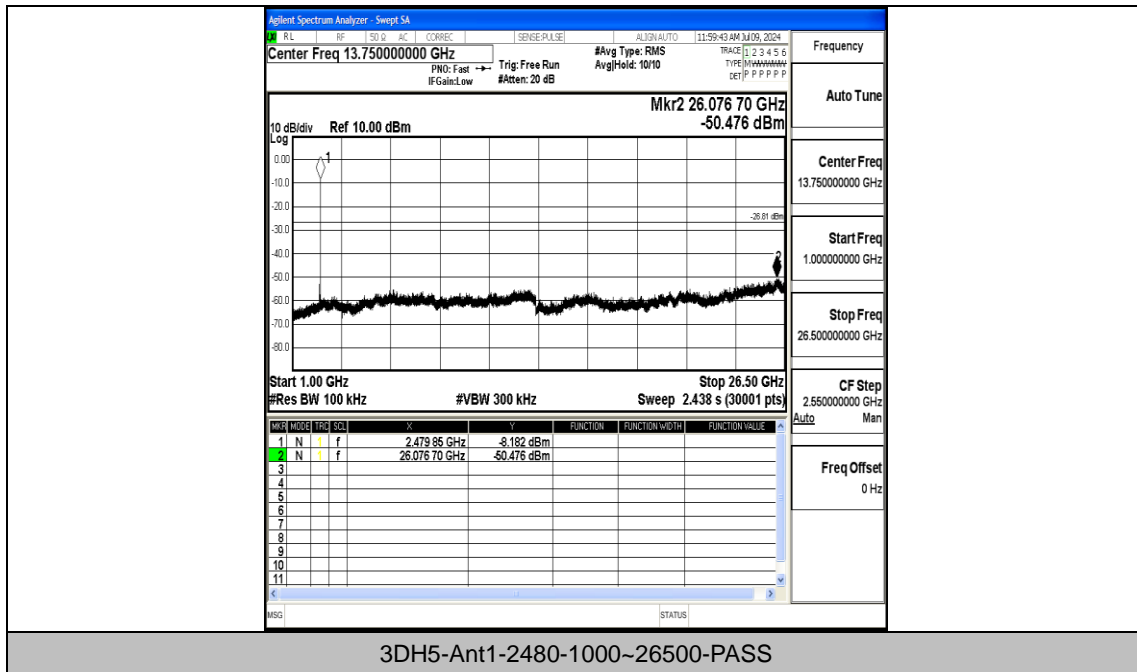
3DH5-Ant1-2441-1000~26500-PASS



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



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

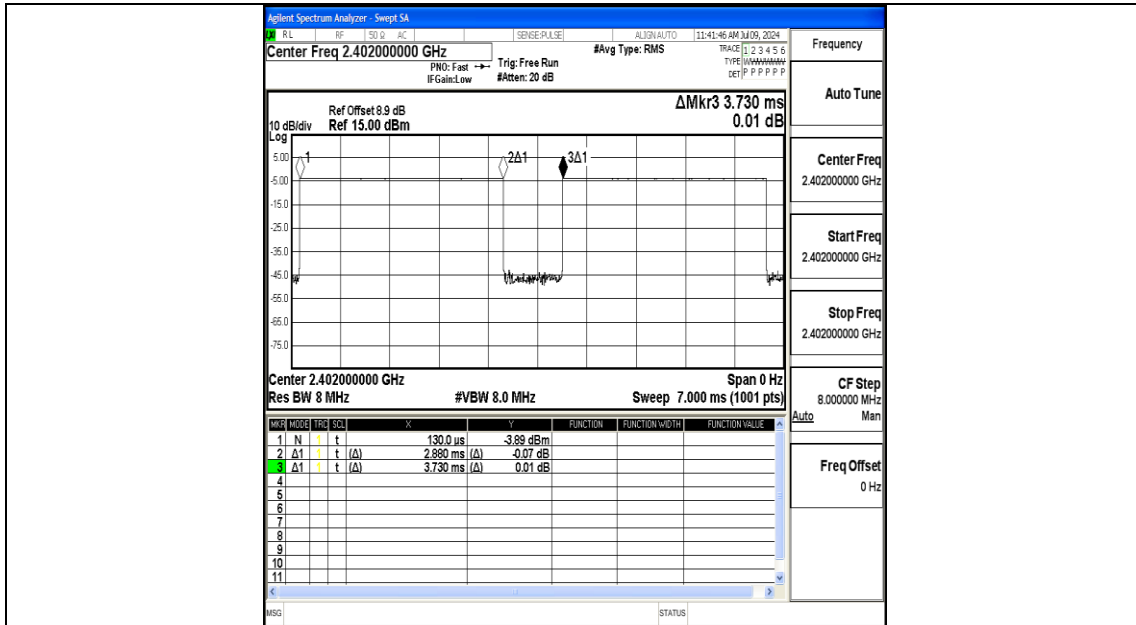


Appendix I: Duty Cycle

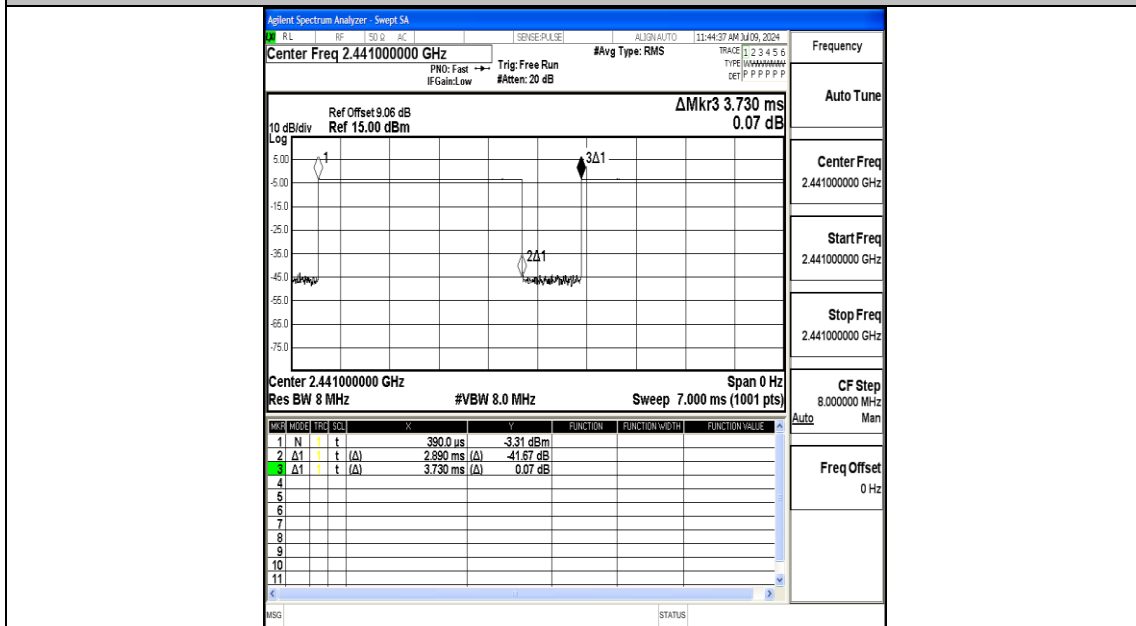
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.73	77.21	1.12
DH5	Ant1	2441	2.89	3.73	77.48	1.11
DH5	Ant1	2480	2.88	3.73	77.21	1.12
2DH5	Ant1	2402	2.89	3.74	77.27	1.12
2DH5	Ant1	2441	2.89	3.73	77.48	1.11
2DH5	Ant1	2480	2.90	3.74	77.54	1.10
3DH5	Ant1	2402	2.89	3.74	77.27	1.12
3DH5	Ant1	2441	2.89	3.74	77.27	1.12
3DH5	Ant1	2480	2.89	3.73	77.48	1.11

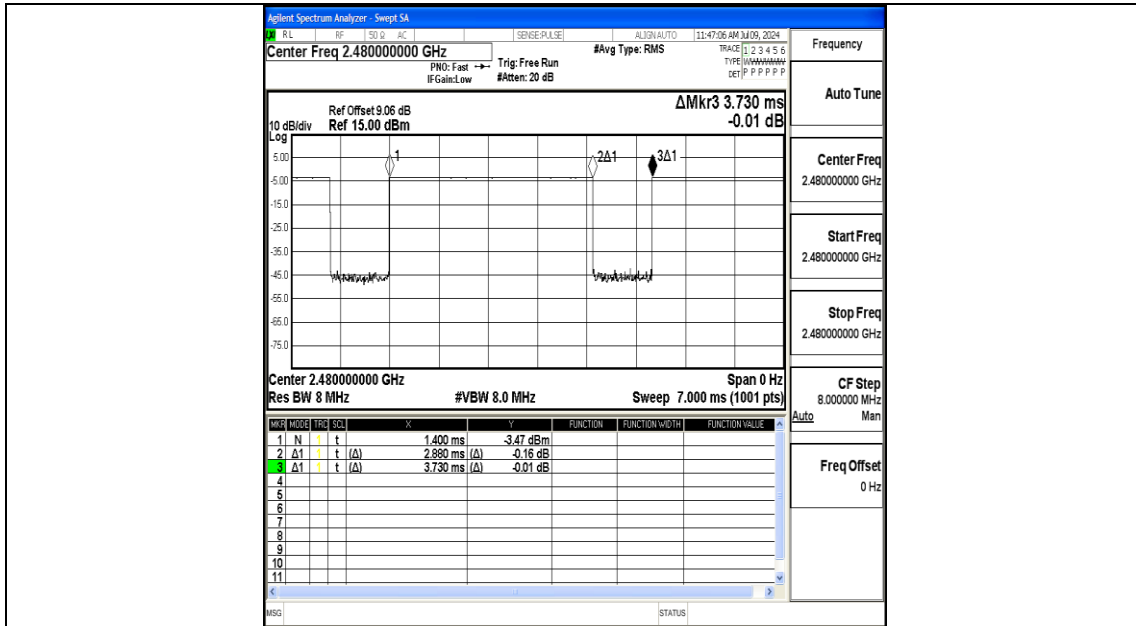
Test Graphs



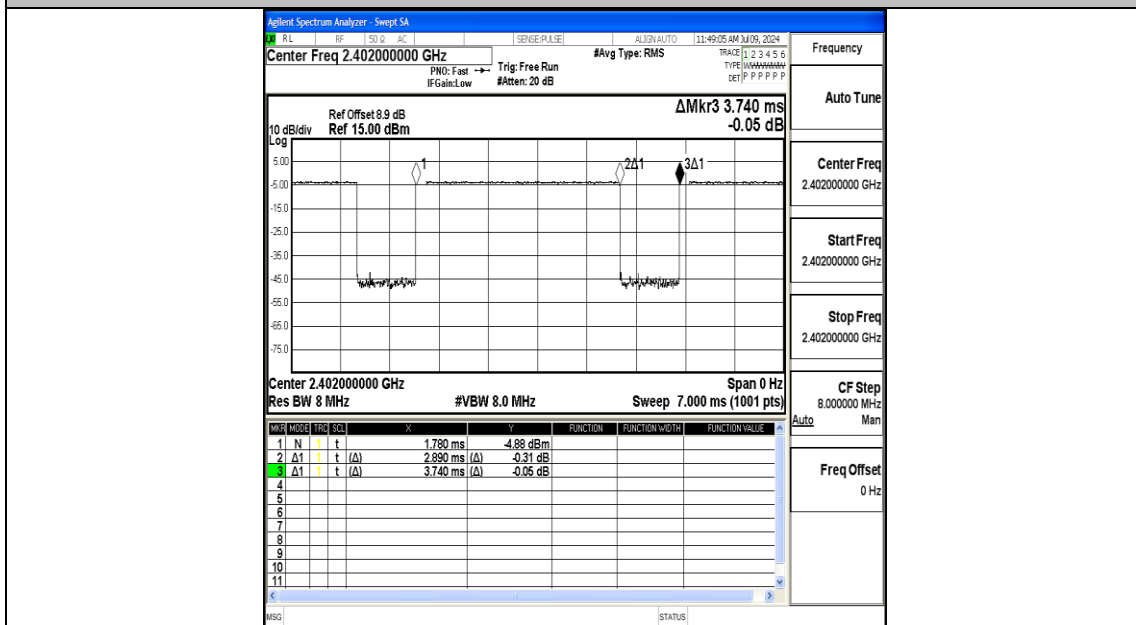
NTNV-DH5-Ant1-2402



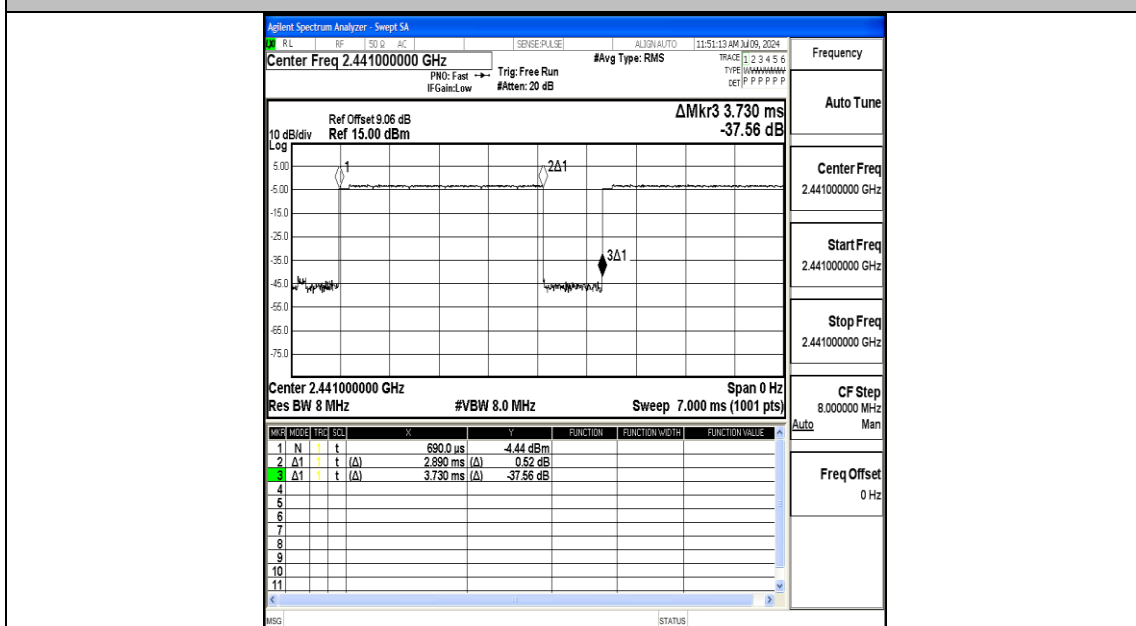
NTNV-DH5-Ant1-2441



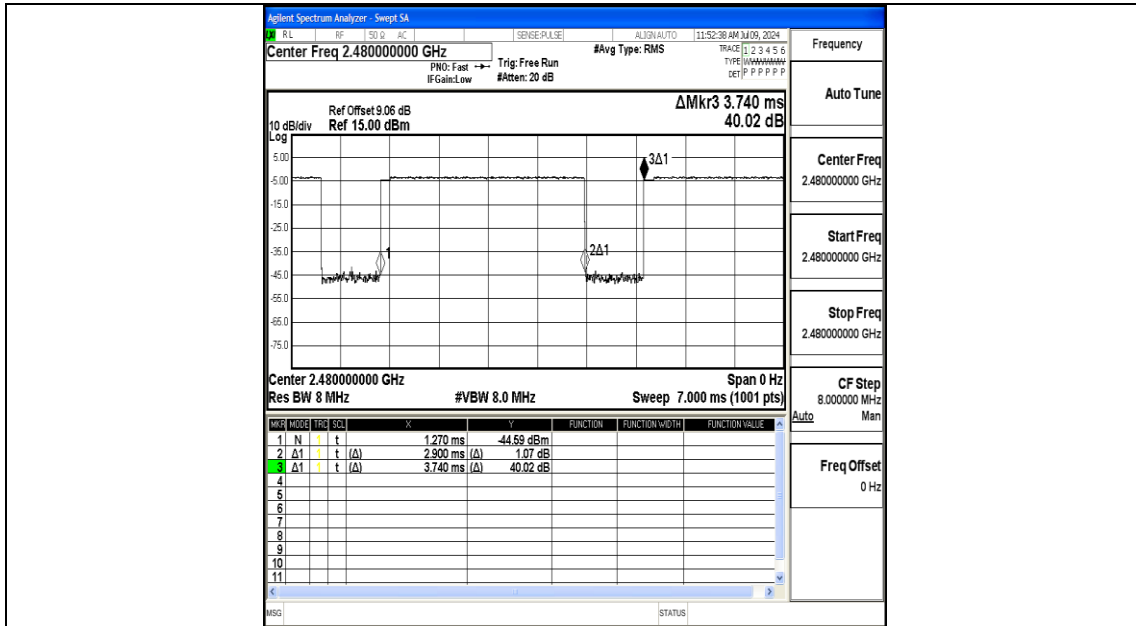
NTNV-DH5-Ant1-2480



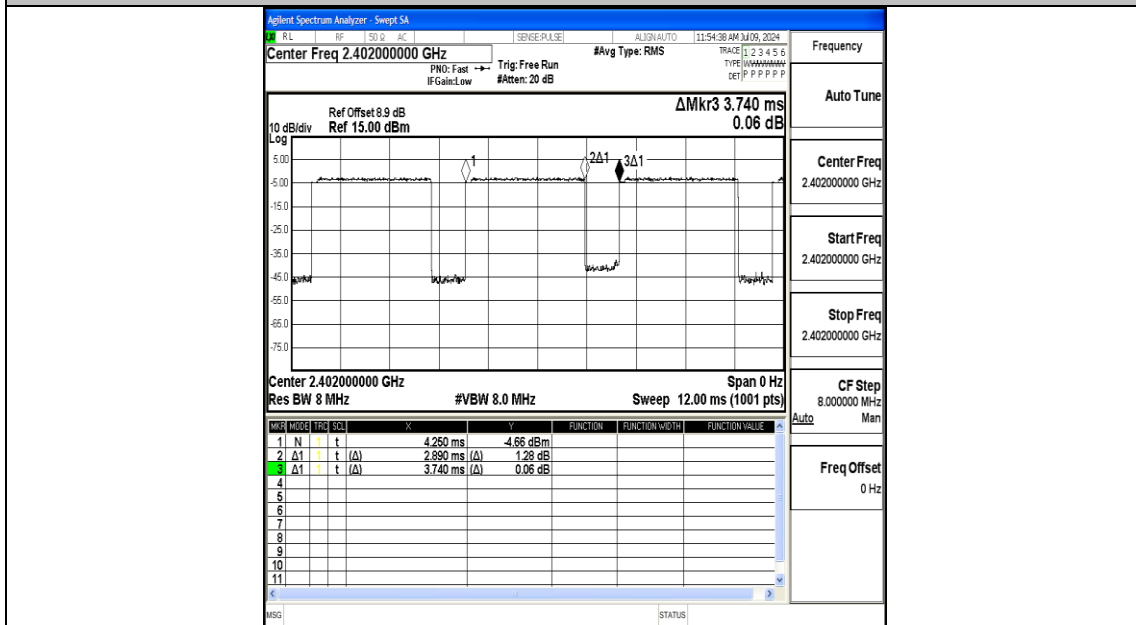
NTNV-2DH5-Ant1-2402



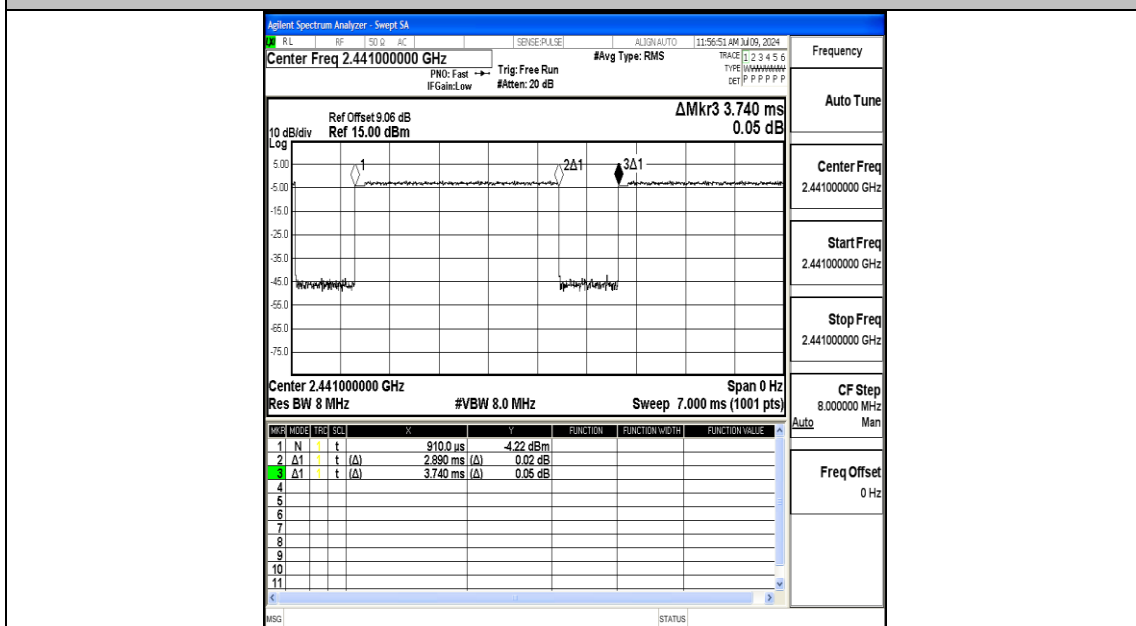
NTNV-2DH5-Ant1-2441



NTNV-2DH5-Ant1-2480



NTNV-3DH5-Ant1-2402



NTNV-3DH5-Ant1-2441

