

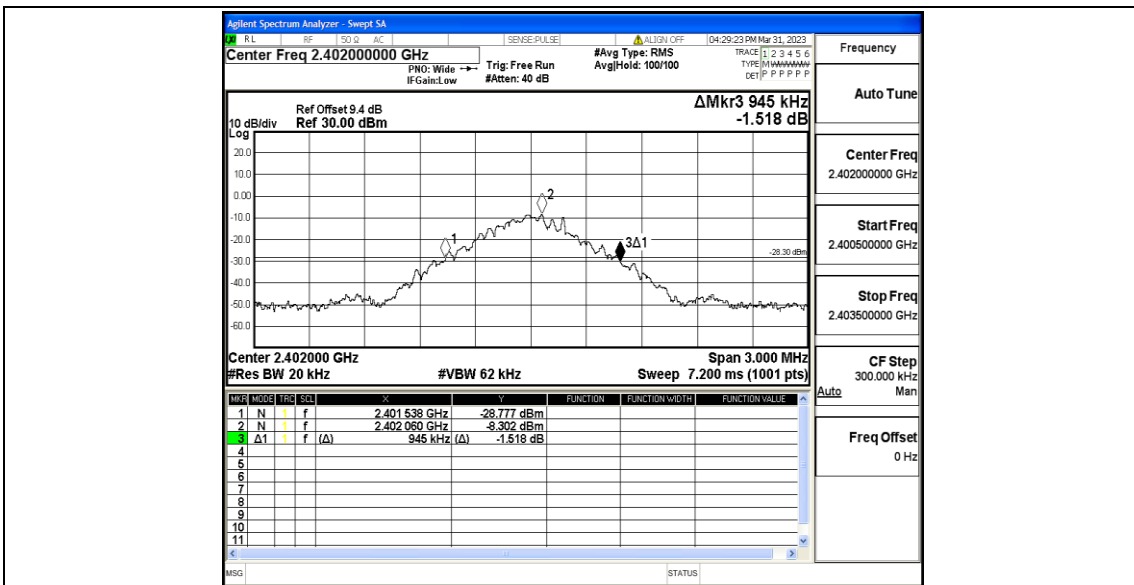
Appendix Test Data for BT(BDR/EDR) (Conducted Measurement)**Product Name: True Wireless Earbuds****Trade Mark: Tranya****Test Model: T6****FCC ID: 2A4AX-T6****Environmental Conditions**

Temperature:	25.5°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

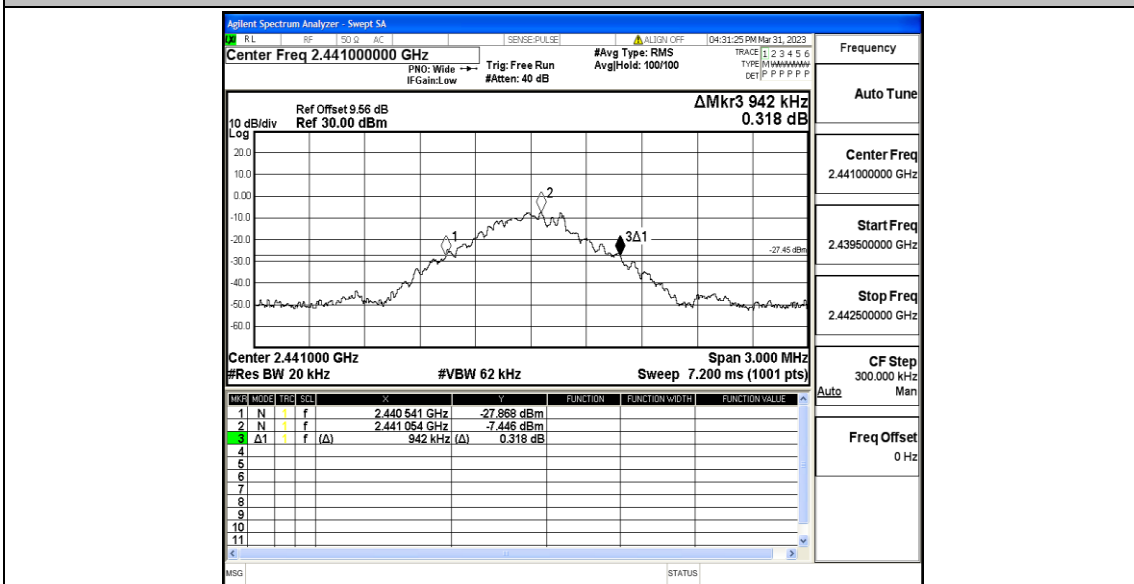
Appendix A: 20dB Emission Bandwidth**Test Result**

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.945	2401.538	2402.483	---	---
		2441	0.942	2440.541	2441.483	---	---
		2480	0.942	2479.538	2480.480	---	---
2DH5	Ant1	2402	1.341	2401.334	2402.675	---	---
		2441	1.323	2440.343	2441.666	---	---
		2480	1.338	2479.334	2480.672	---	---
3DH5	Ant1	2402	1.326	2401.337	2402.663	---	---
		2441	1.299	2440.349	2441.648	---	---
		2480	1.293	2479.358	2480.651	---	---

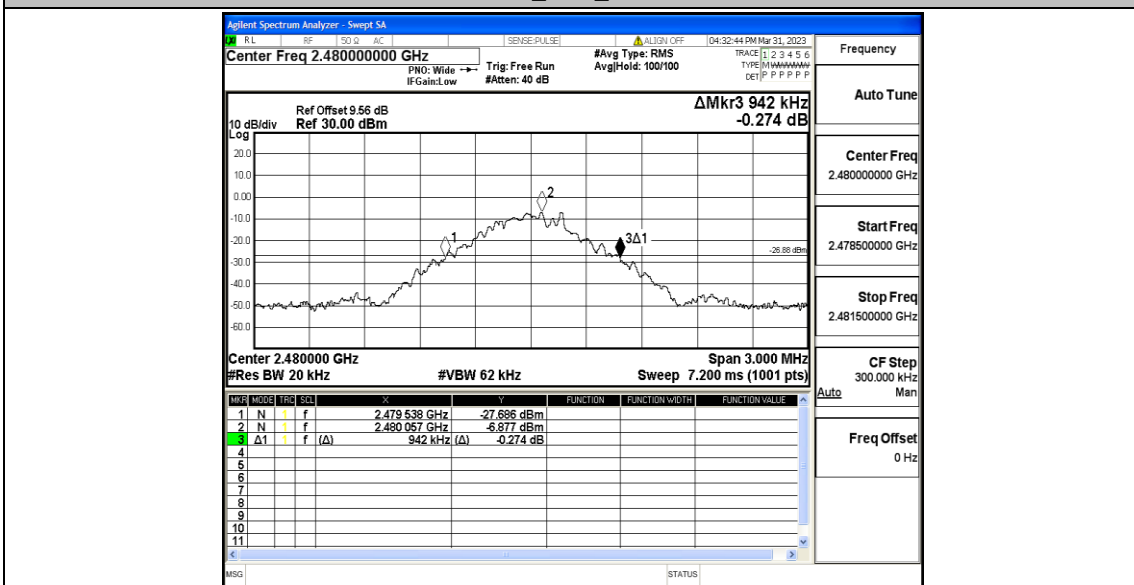
Test Graphs



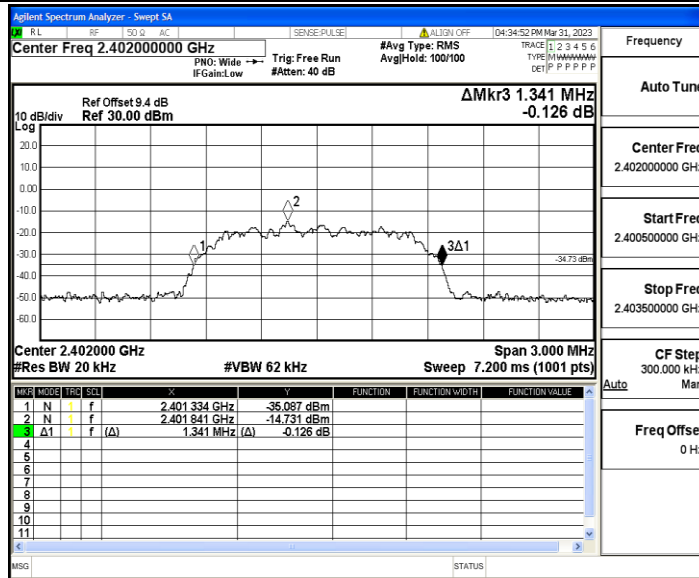
DH5_Ant1_2402



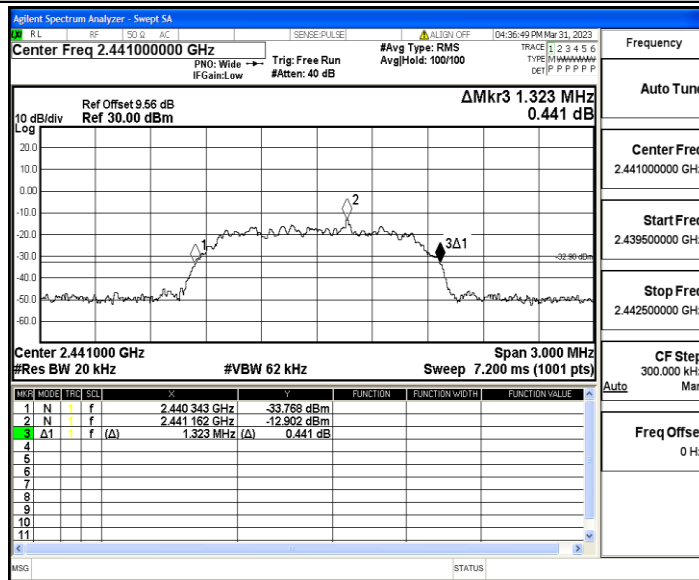
DH5_Ant1_2441



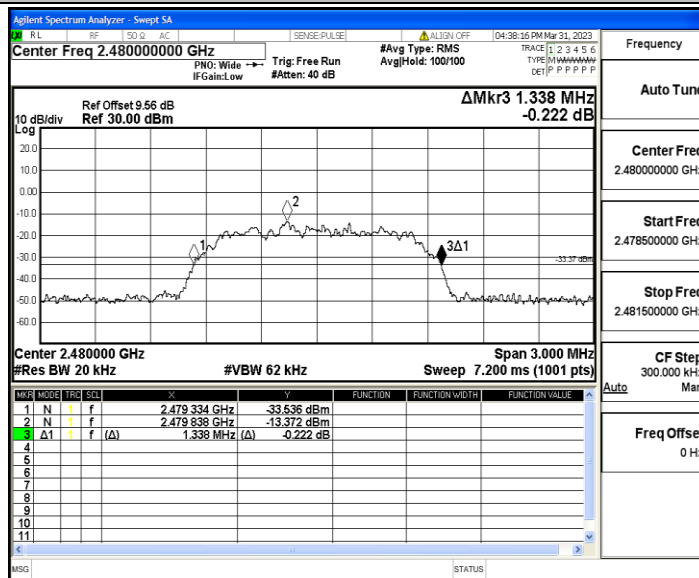
DH5_Ant1_2480



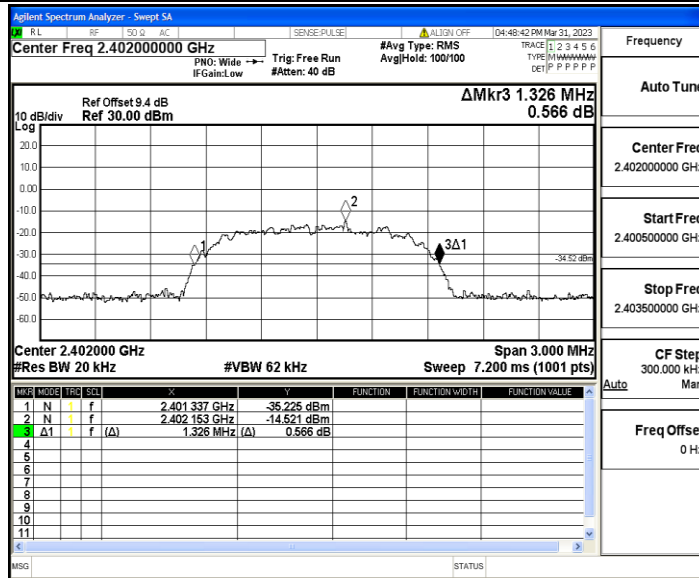
2DH5_Ant1_2402



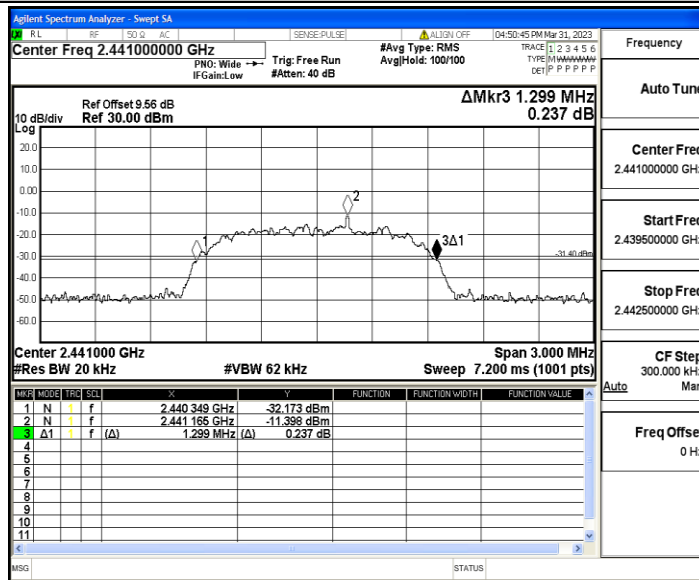
2DH5_Ant1_2441



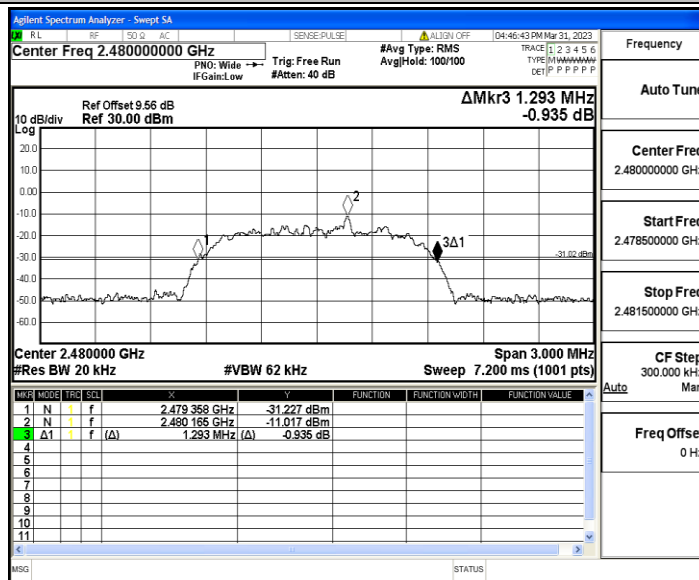
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



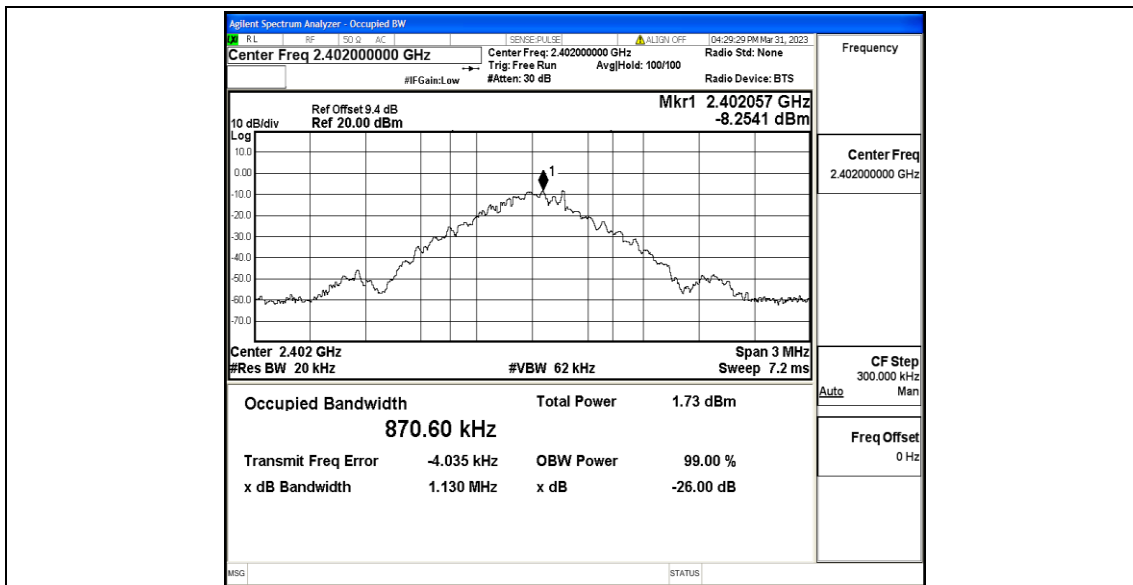
3DH5_Ant1_2480

Appendix B: Occupied Channel Bandwidth

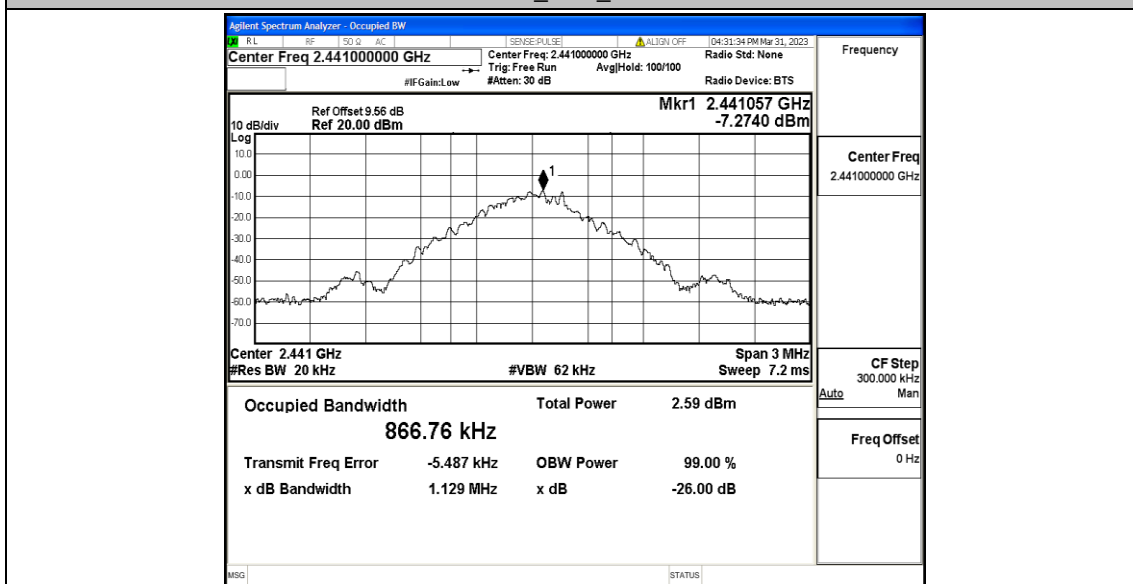
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87060	2401.5607	2402.4313	---	---
		2441	0.86676	2440.5611	2441.4279	---	---
		2480	0.86996	2479.5617	2480.4317	---	---
2DH5	Ant1	2402	1.1953	2401.4035	2402.5988	---	---
		2441	1.1955	2440.4028	2441.5983	---	---
		2480	1.1944	2479.4041	2480.5985	---	---
3DH5	Ant1	2402	1.1974	2401.3960	2402.5934	---	---
		2441	1.1959	2440.3983	2441.5942	---	---
		2480	1.1986	2479.3954	2480.5940	---	---

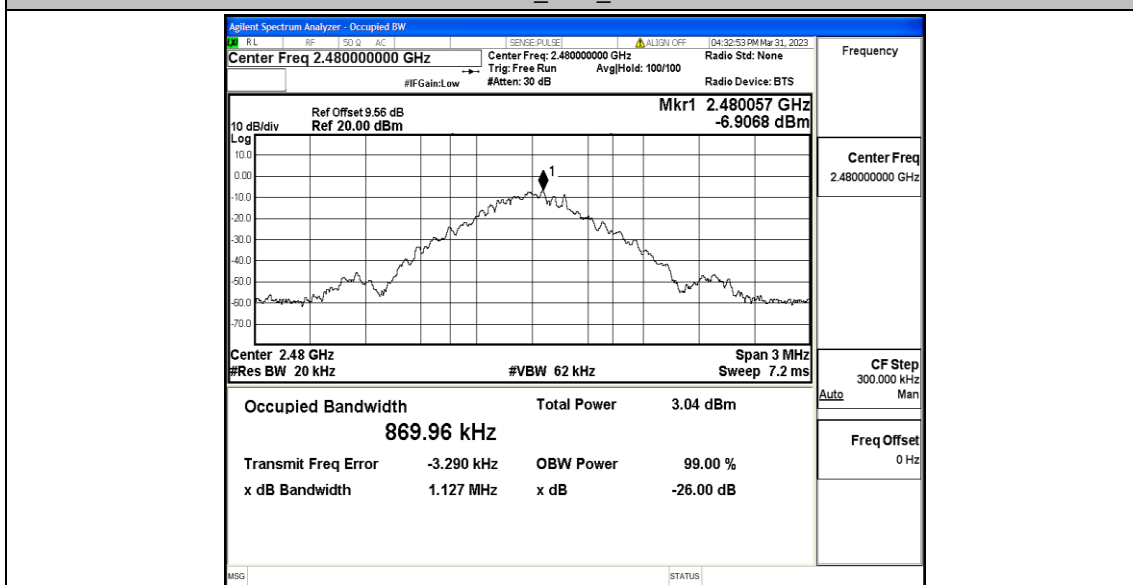
Test Graphs



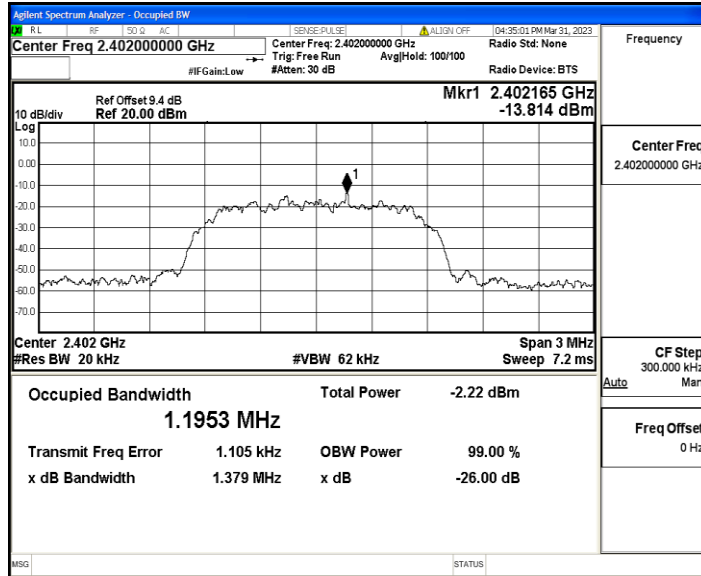
DH5_Ant1_2402



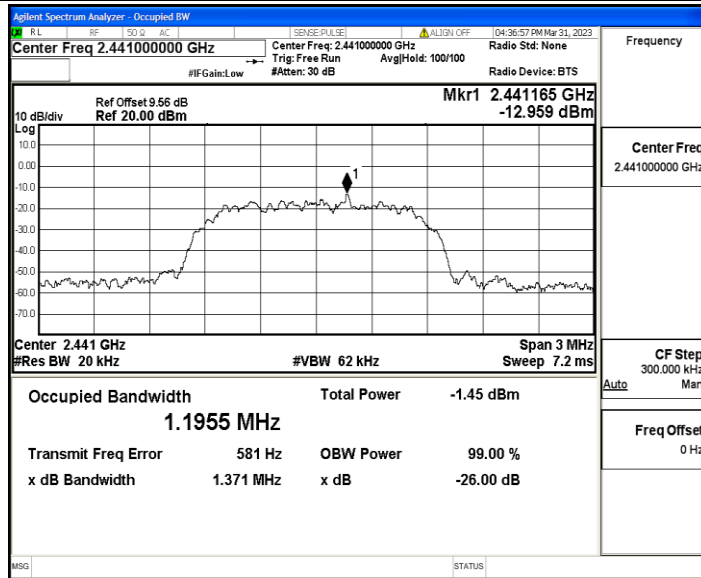
DH5_Ant1_2441



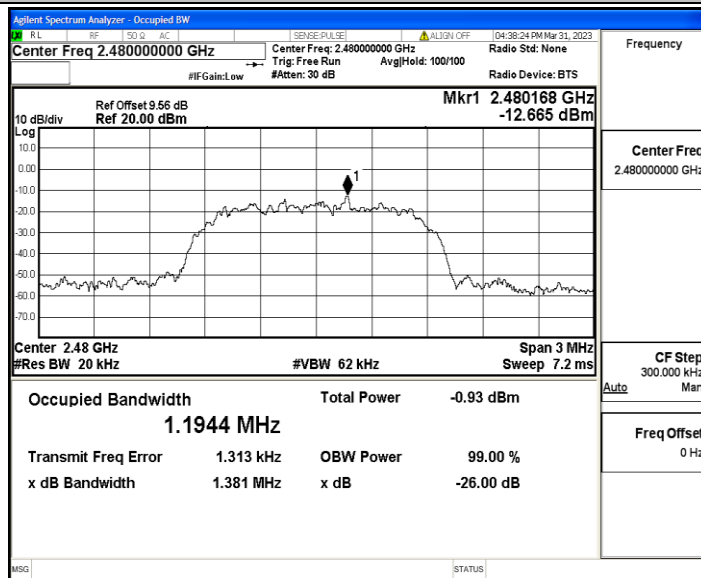
DH5_Ant1_2480



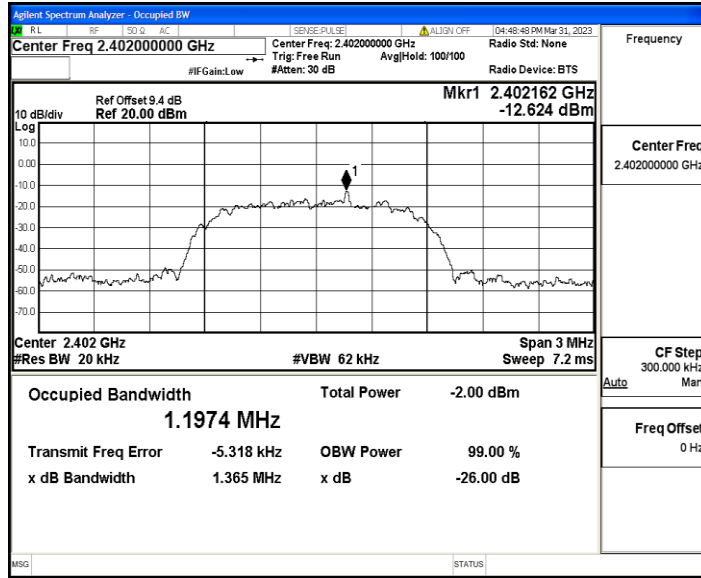
2DH5_Ant1_2402



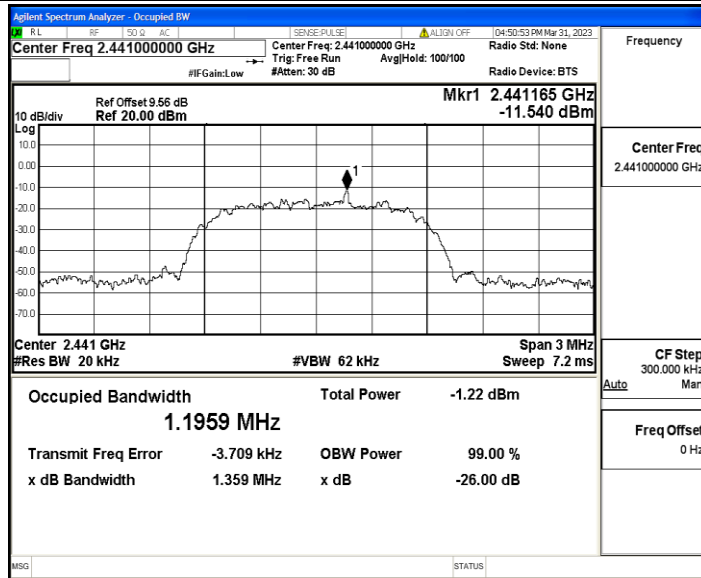
2DH5_Ant1_2441



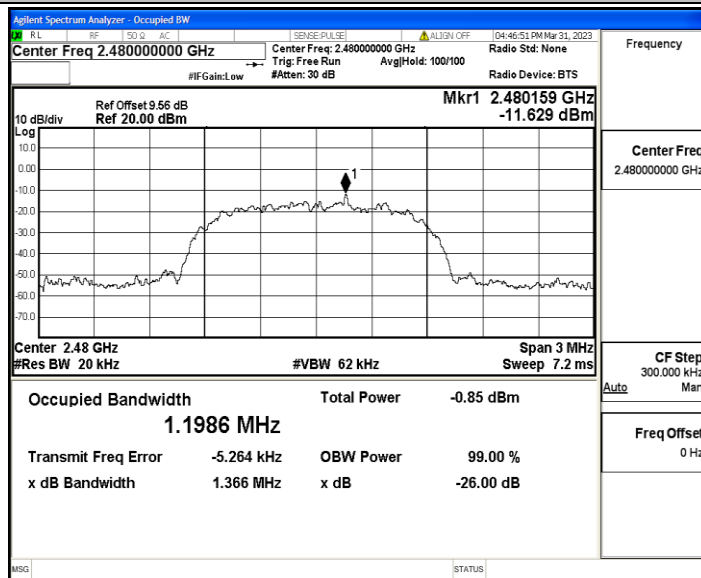
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



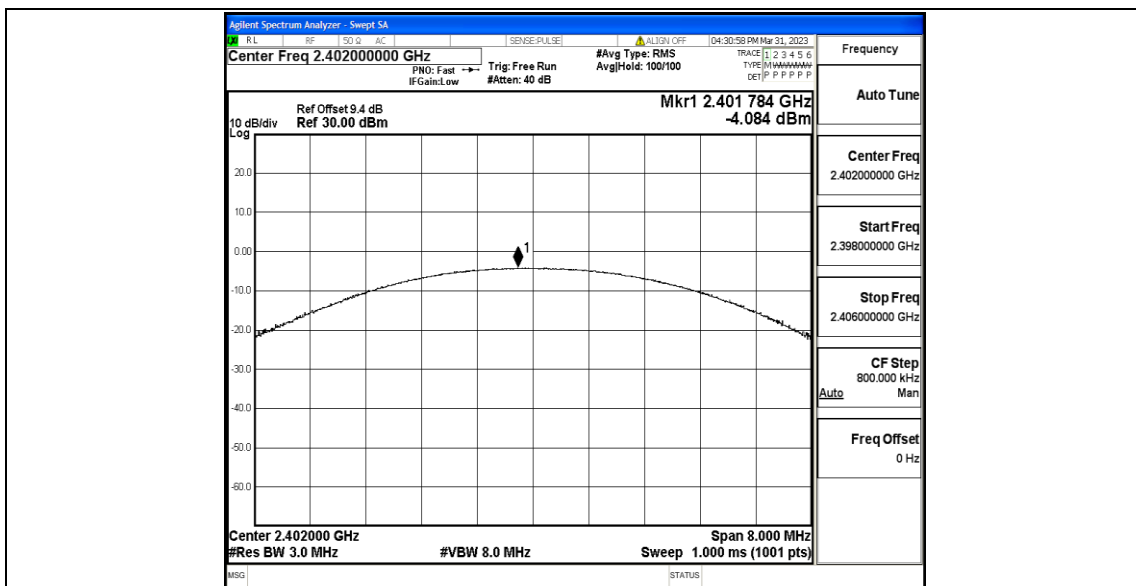
3DH5_Ant1_2480

Appendix C: Maximum Peak conducted output power

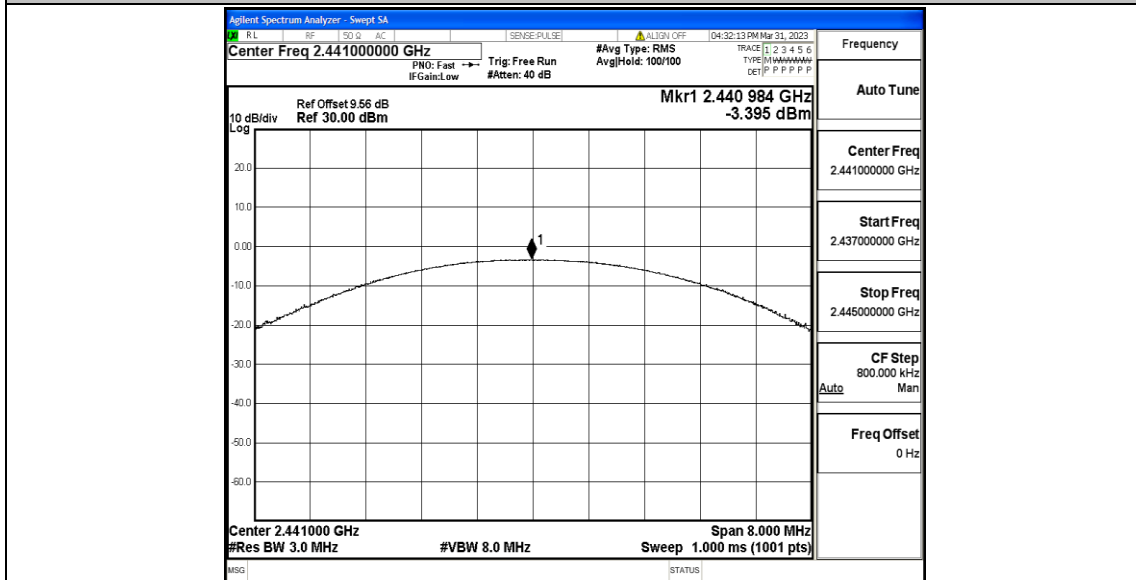
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-4.08	≤30	PASS
		2441	-3.4	≤30	PASS
		2480	-2.92	≤30	PASS
2DH5	Ant1	2402	-5.91	≤20.97	PASS
		2441	-5.06	≤20.97	PASS
		2480	-4.6	≤20.97	PASS
3DH5	Ant1	2402	-5.18	≤20.97	PASS
		2441	-4.51	≤20.97	PASS
		2480	-4.26	≤20.97	PASS

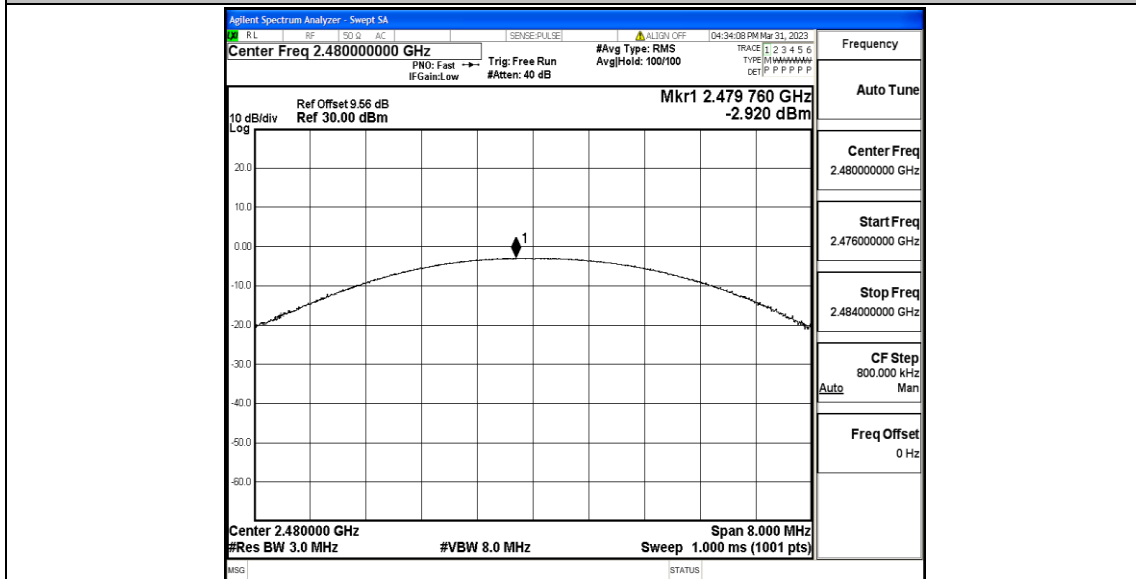
Test Graphs



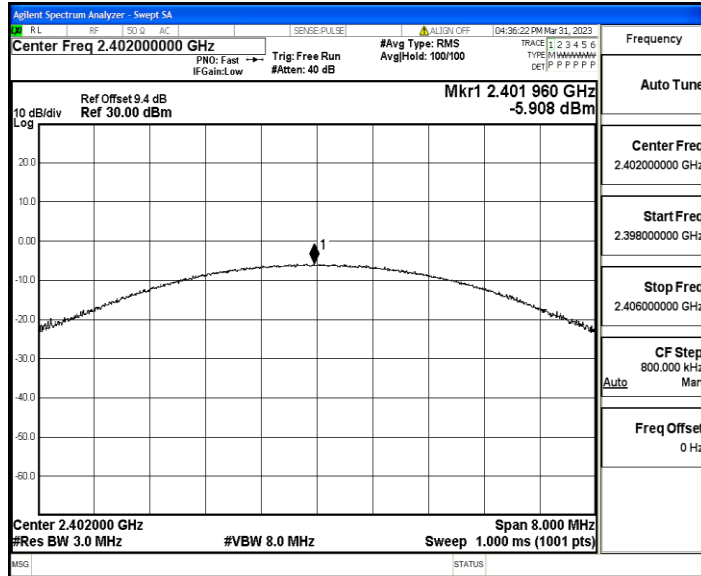
DH5_Ant1_2402



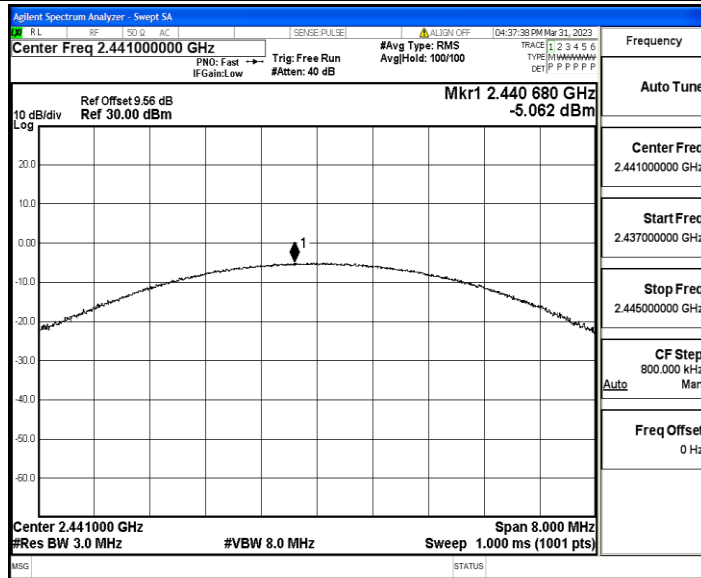
DH5_Ant1_2441



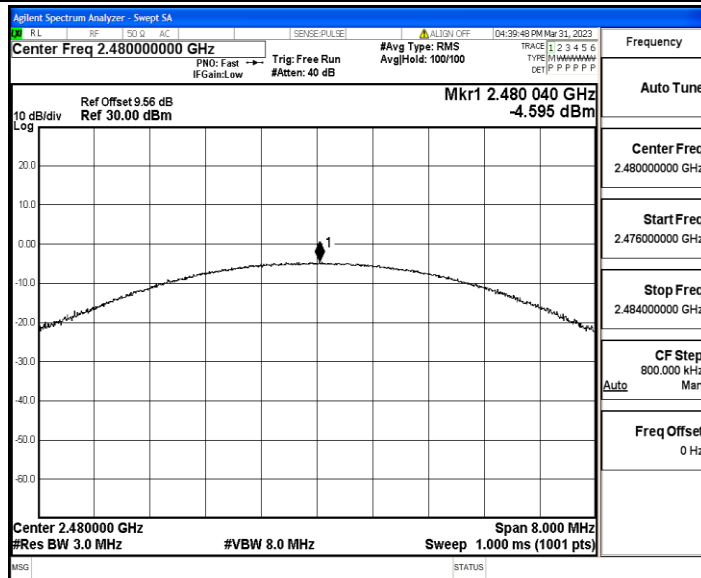
DH5_Ant1_2480



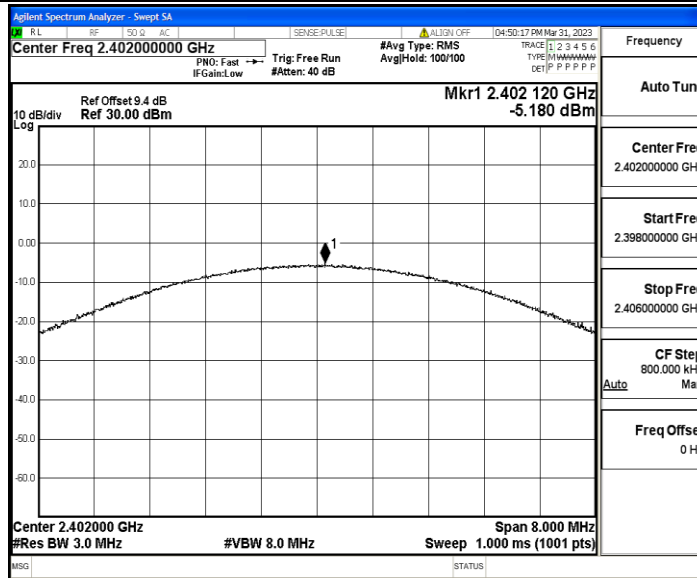
2DH5_Ant1_2402



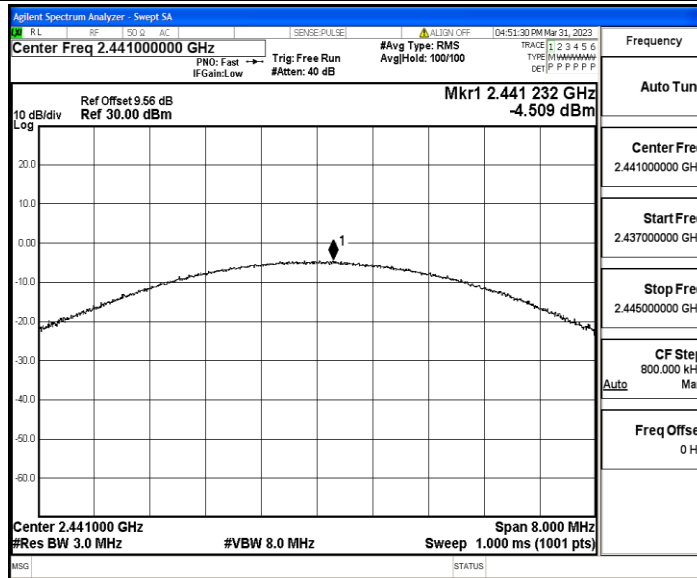
2DH5_Ant1_2441



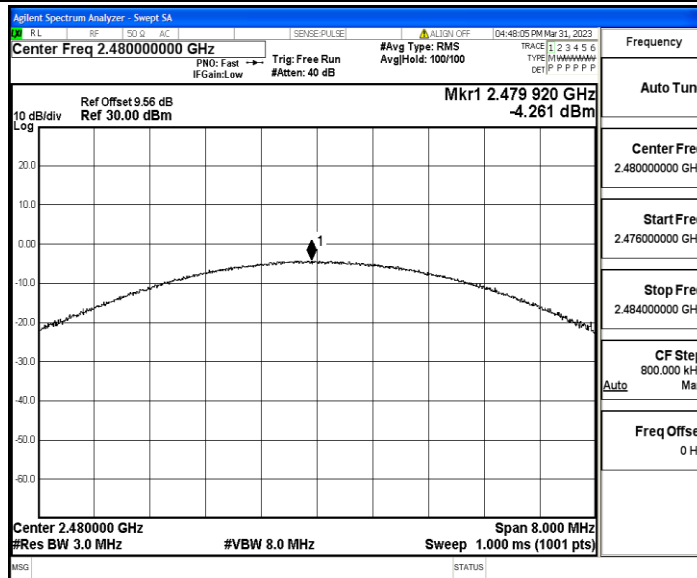
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



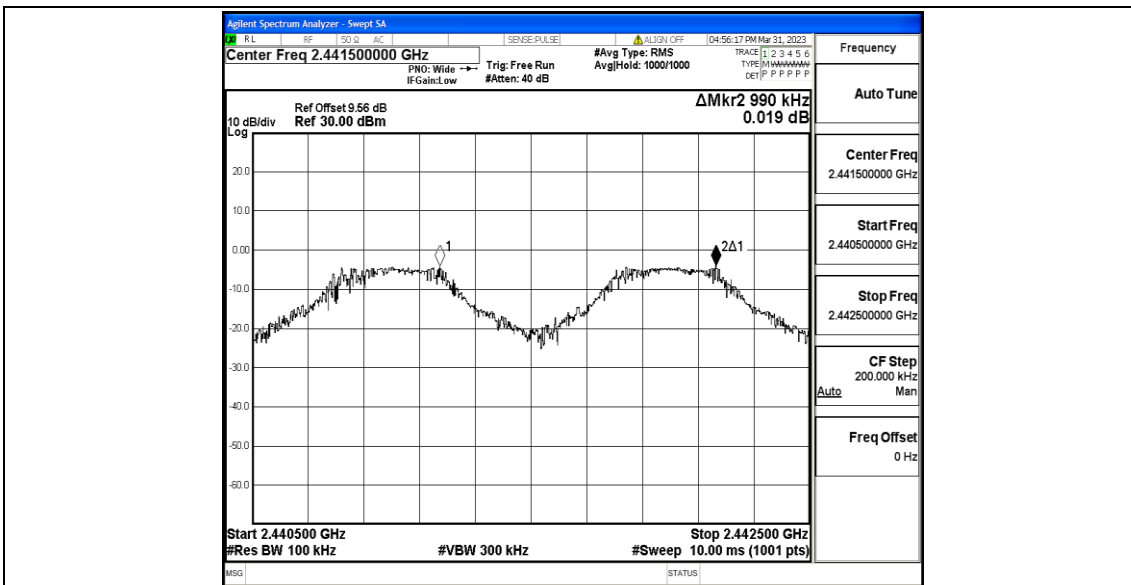
3DH5_Ant1_2480

Appendix D: Carrier frequency separation

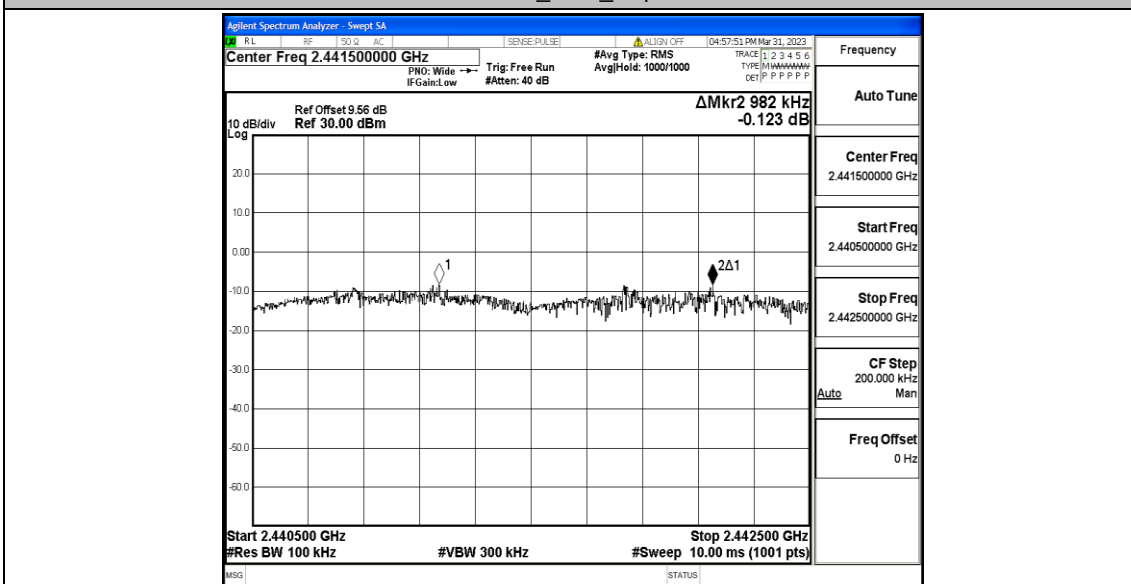
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.99	≥ 0.945	PASS
2DH5	Ant1	Hop	0.982	≥ 0.894	PASS
3DH5	Ant1	Hop	1.02	≥ 0.884	PASS

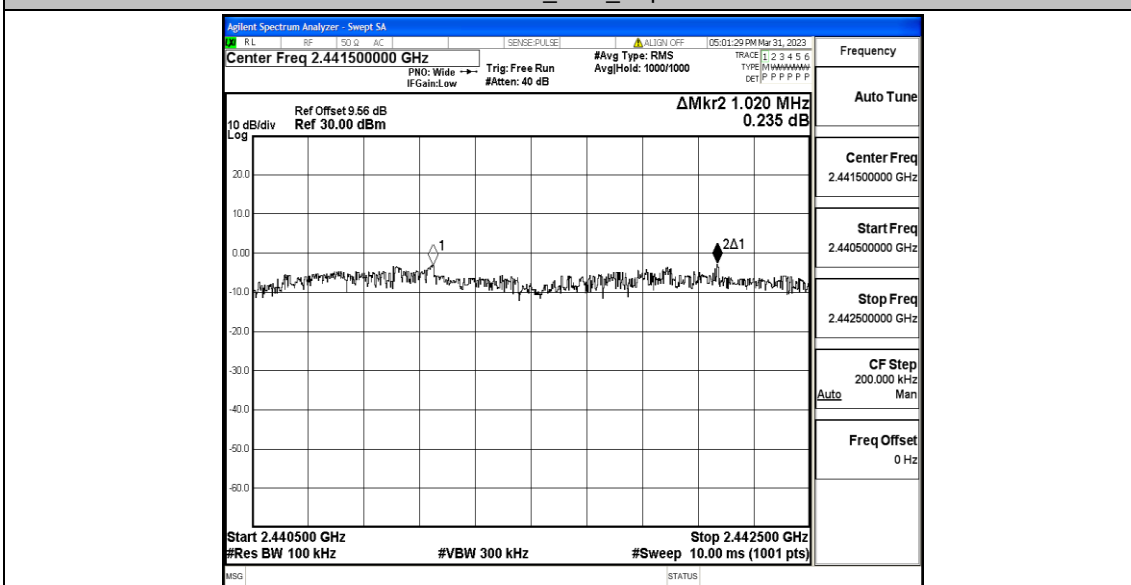
Test Graphs



DH5_Ant1_Hop



2DH5_Ant1_Hop



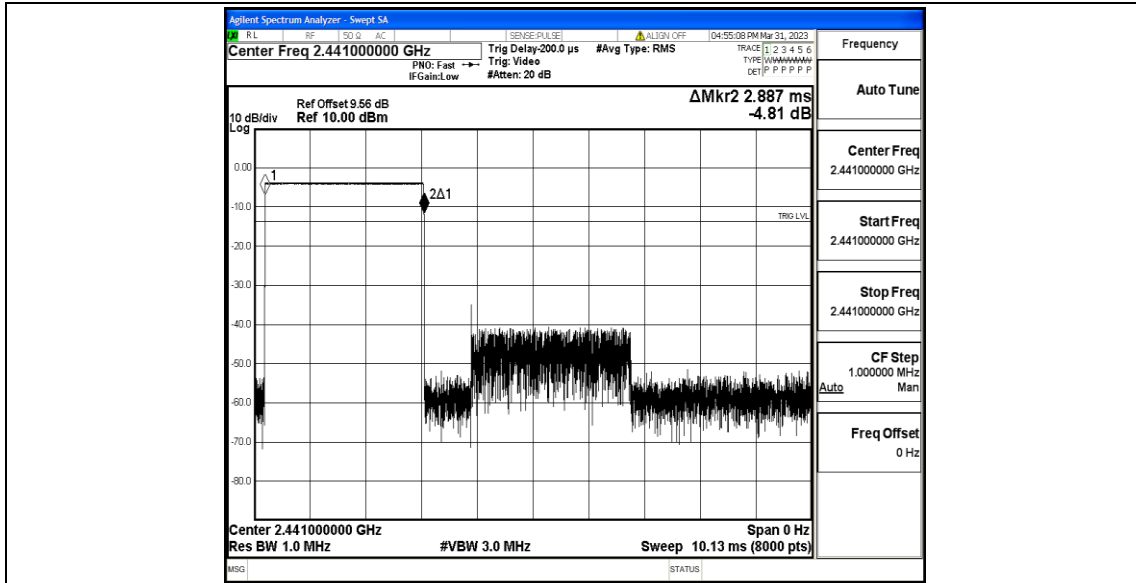
3DH5_Ant1_Hop

Appendix E: Time of occupancy

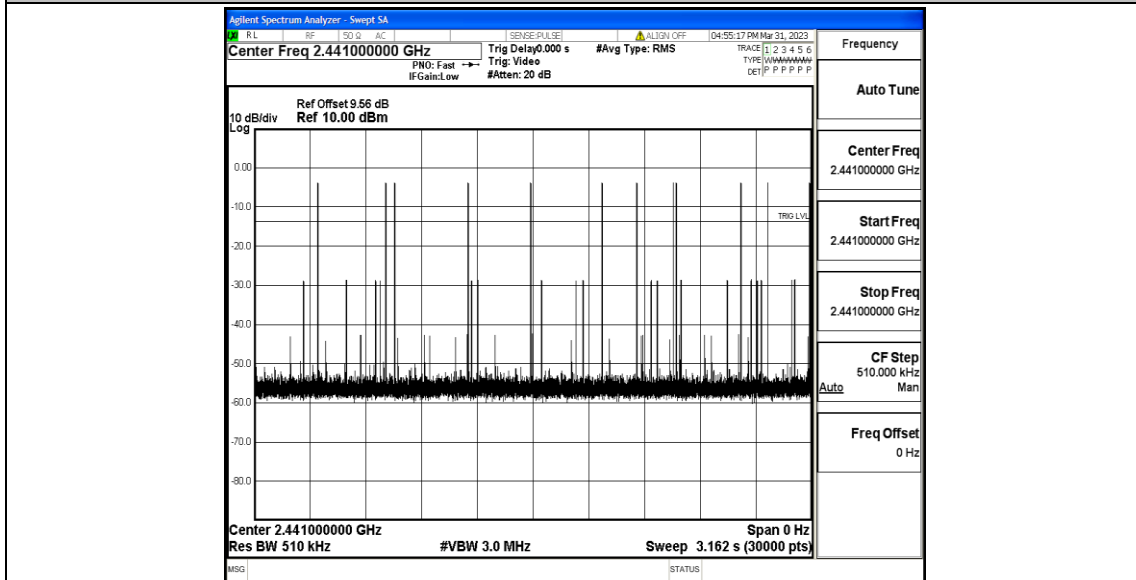
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.887	130	0.375	≤0.4	PASS
2DH5	Ant1	Hop	2.896	110	0.319	≤0.4	PASS
3DH5	Ant1	Hop	2.889	70	0.202	≤0.4	PASS

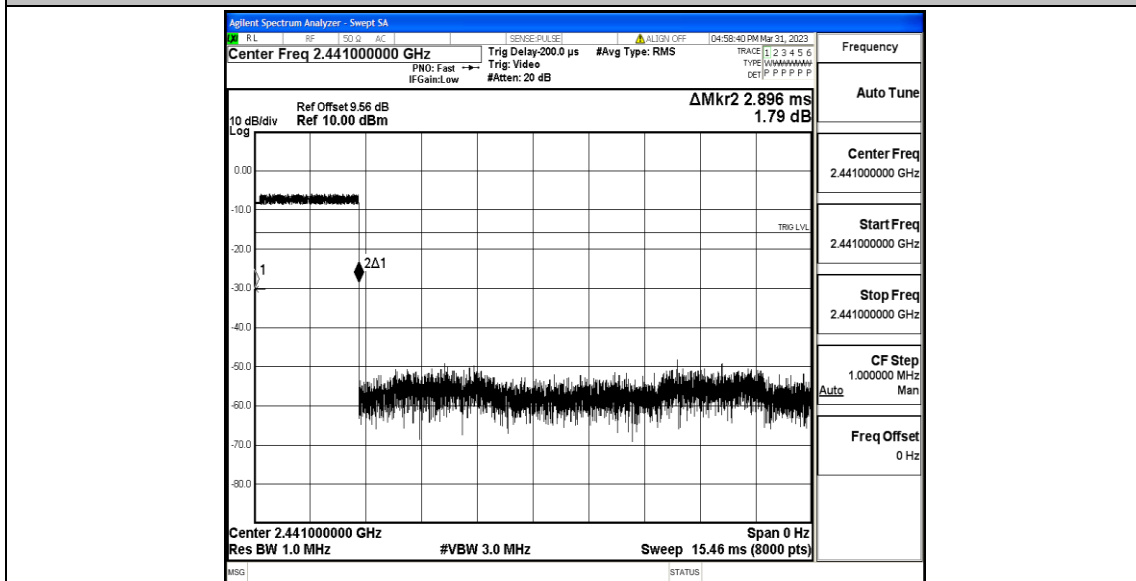
Test Graphs



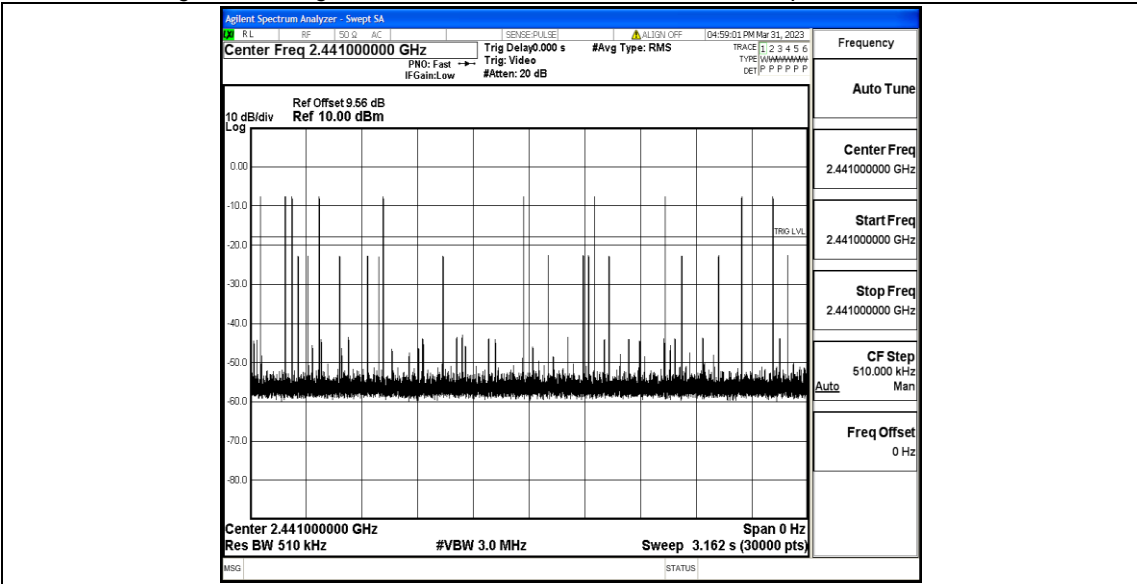
DH5_Ant1_Hop



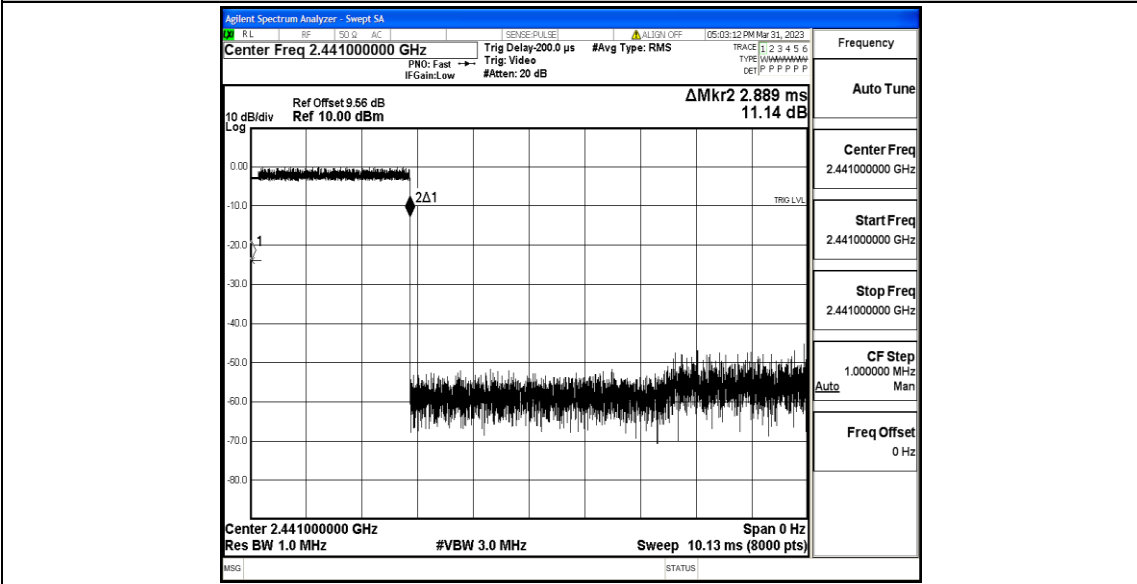
DH5_Ant1_Hop



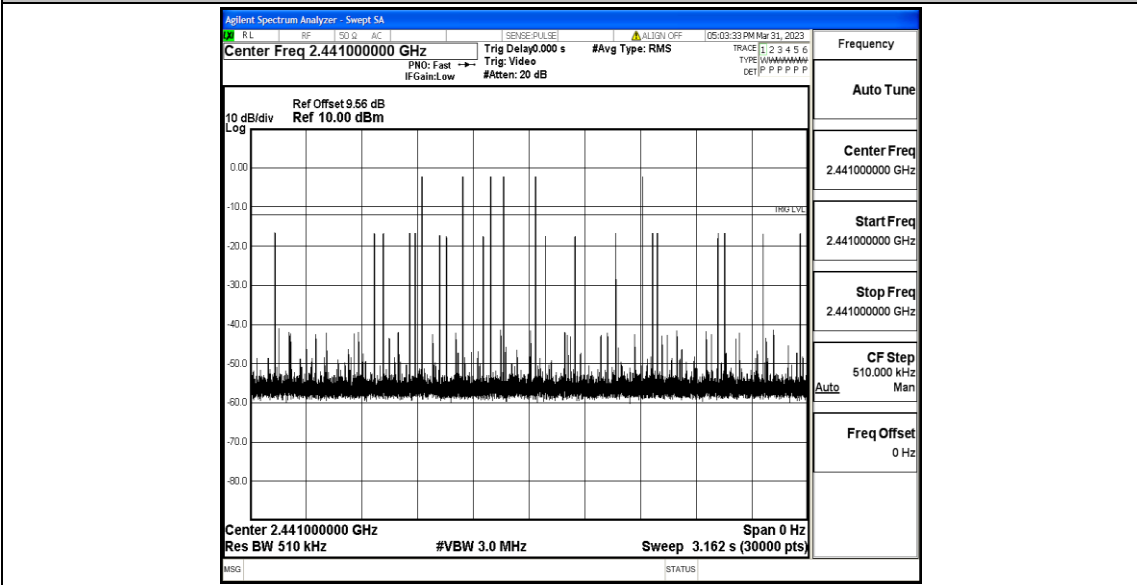
2DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop



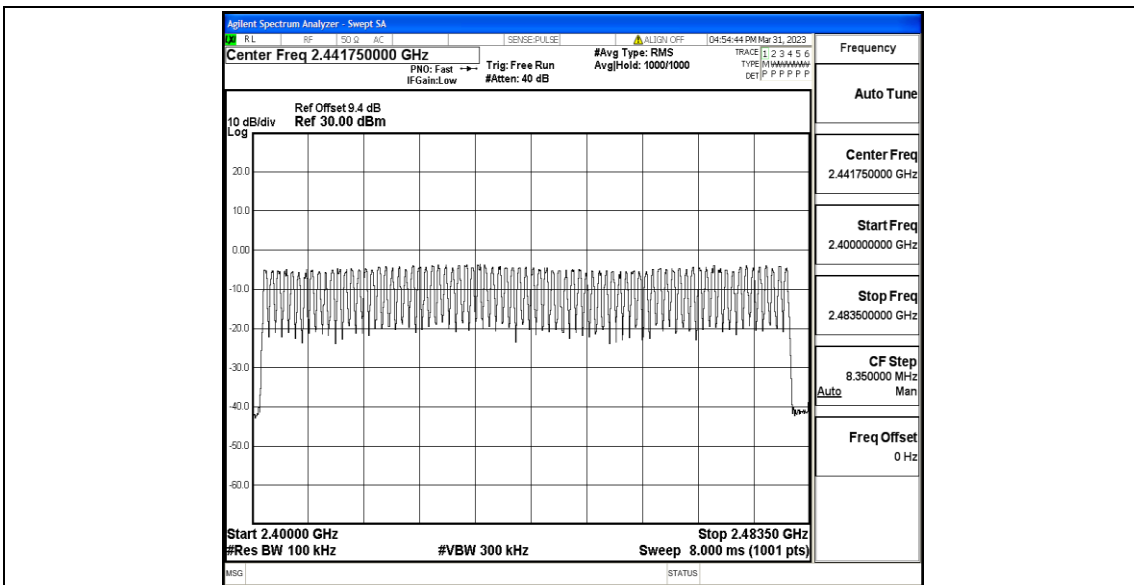
3DH5_Ant1_Hop

Appendix F: Number of hopping channels

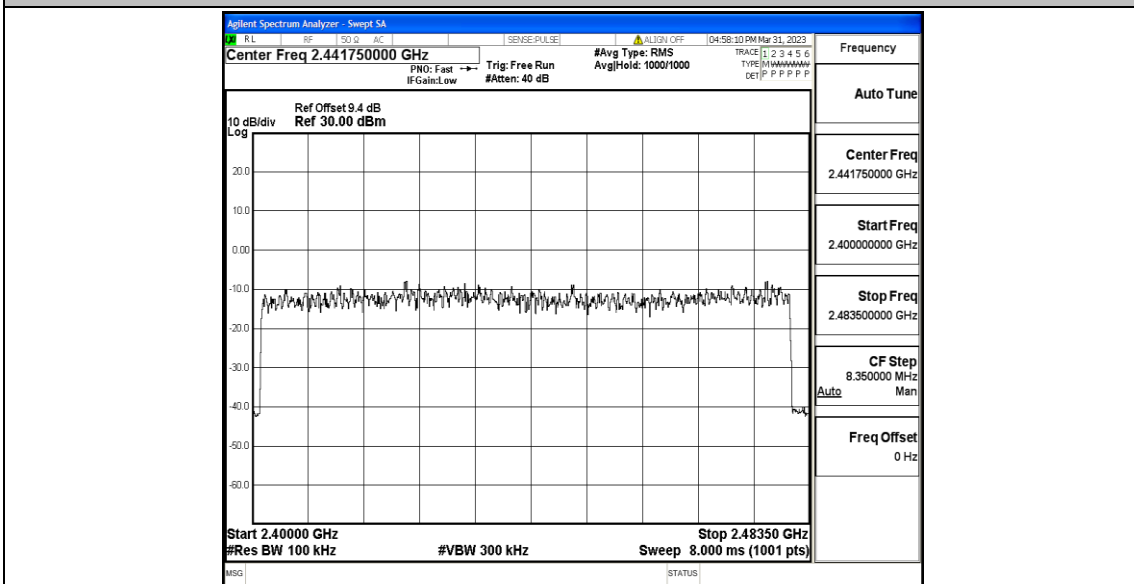
Test Result

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

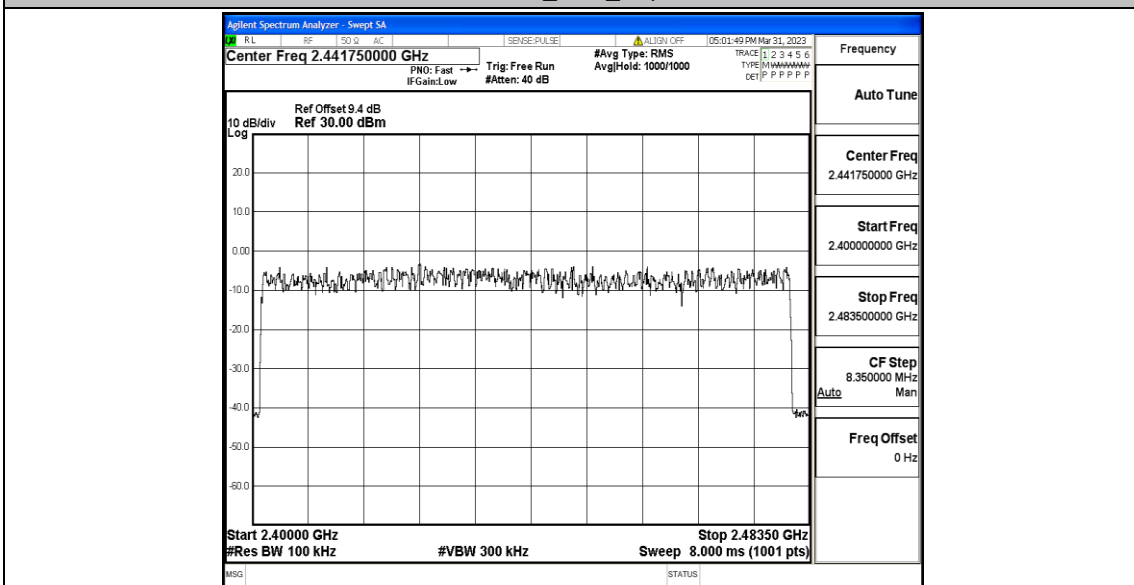
Test Graphs



DH5_Ant1_Hop



2DH5_Ant1_Hop



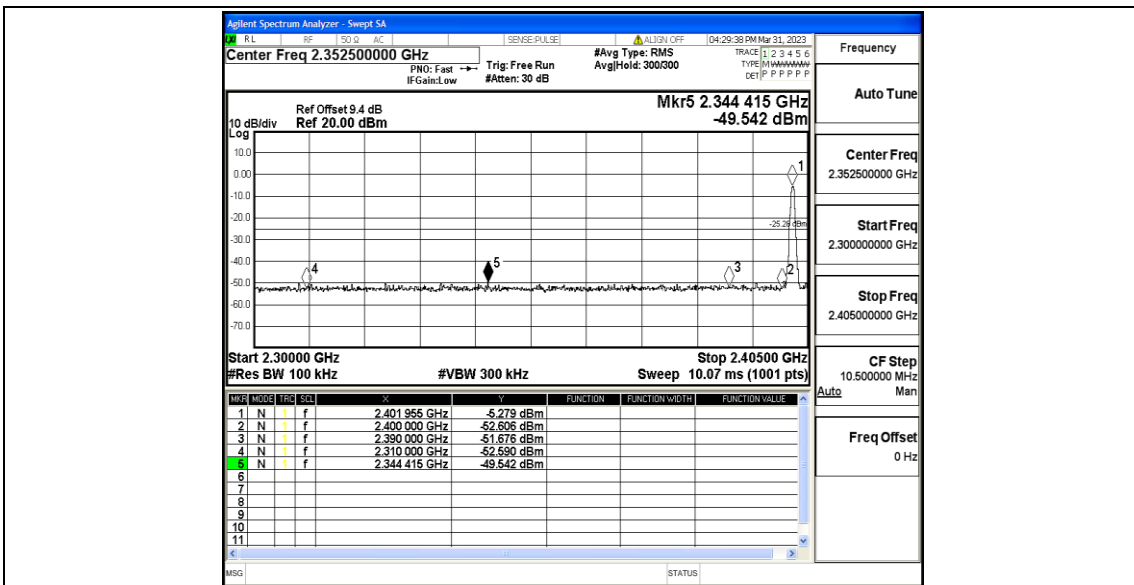
3DH5_Ant1_Hop

Appendix G: Band edge measurements

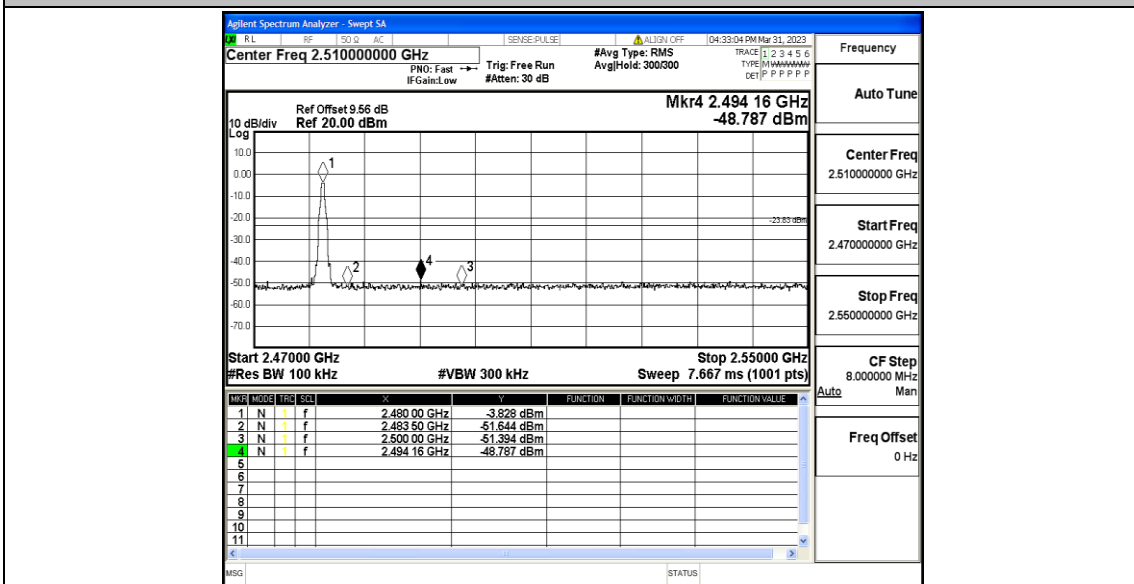
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-5.28	-49.54	≤-25.28	PASS
		High	2480	-3.83	-48.79	≤-23.83	PASS
		Low	Hop_2402	-5.31	-50.42	≤-25.31	PASS
		High	Hop_2480	-4.21	-48.31	≤-24.21	PASS
2DH5	Ant1	Low	2402	-9.74	-49.34	≤-29.74	PASS
		High	2480	-7.84	-48.76	≤-27.84	PASS
		Low	Hop_2402	-12.37	-49.69	≤-32.37	PASS
		High	Hop_2480	-9.01	-48.69	≤-29.01	PASS
3DH5	Ant1	Low	2402	-9.78	-49.42	≤-29.78	PASS
		High	2480	-7.95	-48.63	≤-27.95	PASS
		Low	Hop_2402	-6.09	-50.21	≤-26.09	PASS
		High	Hop_2480	-4.51	-49.02	≤-24.51	PASS

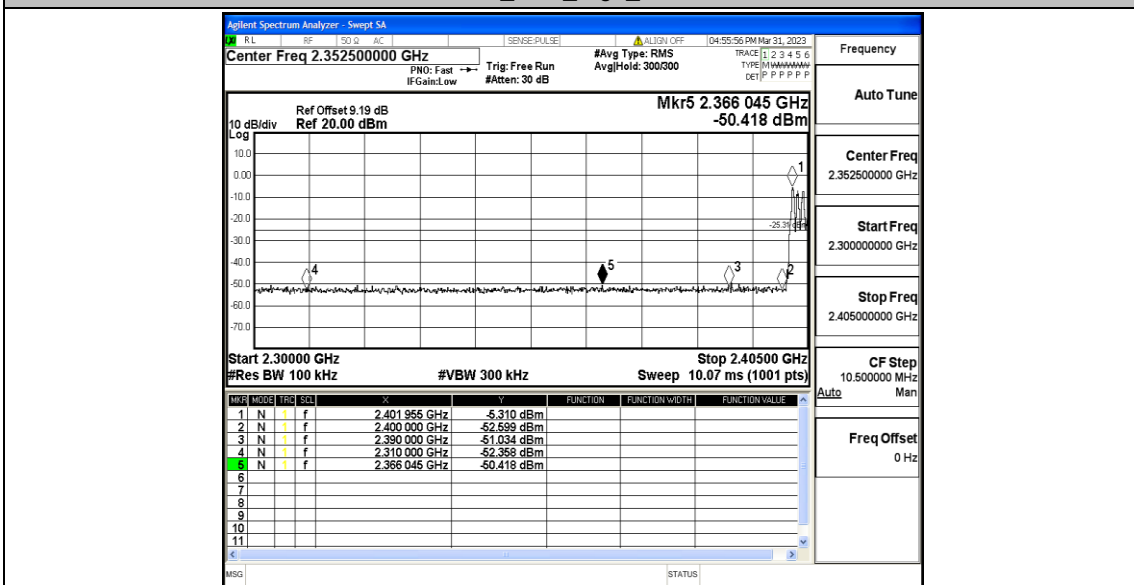
Test Graphs



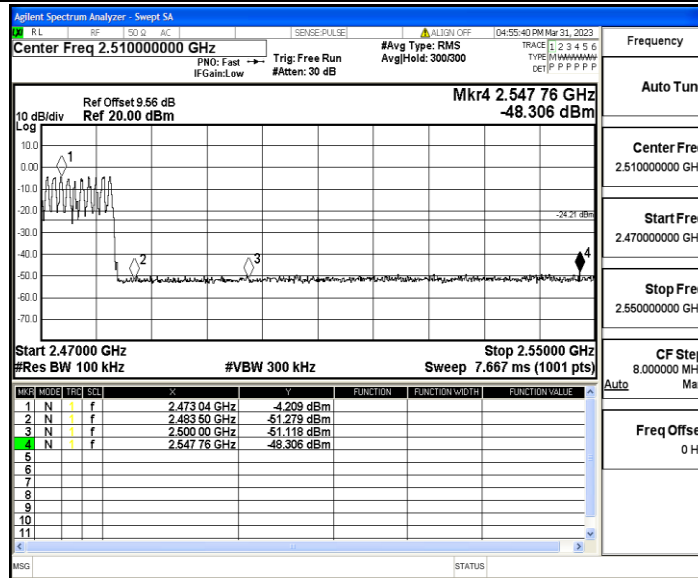
DH5_Ant1_Low_2402



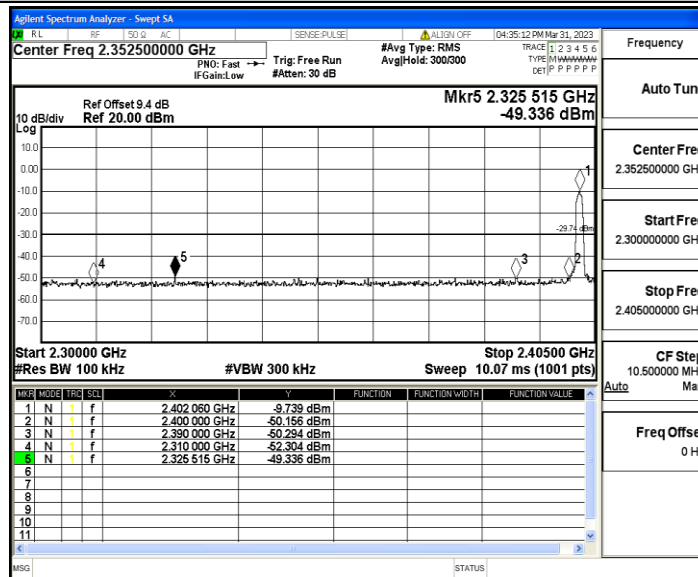
DH5_Ant1_High_2480



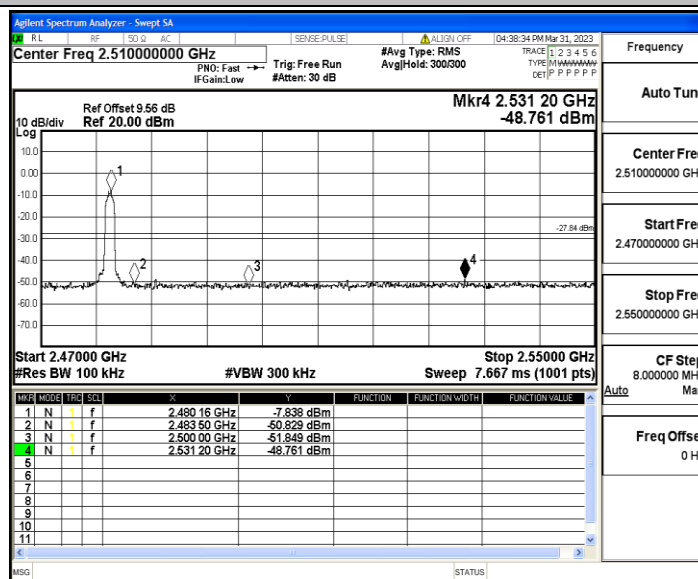
DH5_Ant1_Low_Hop_2402



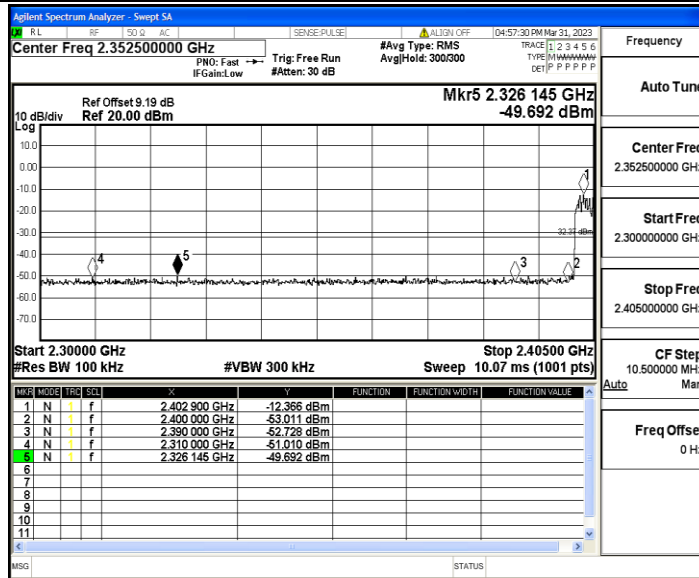
DH5_Ant1_High_Hop_2480



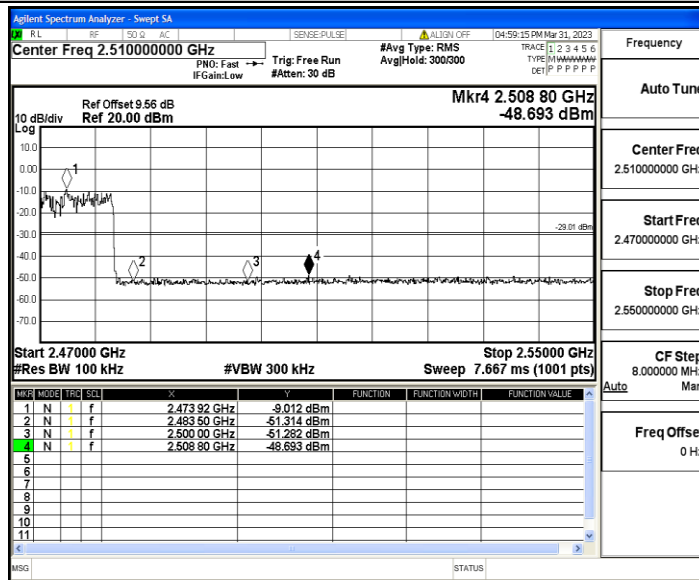
2DH5_Ant1_Low_2402



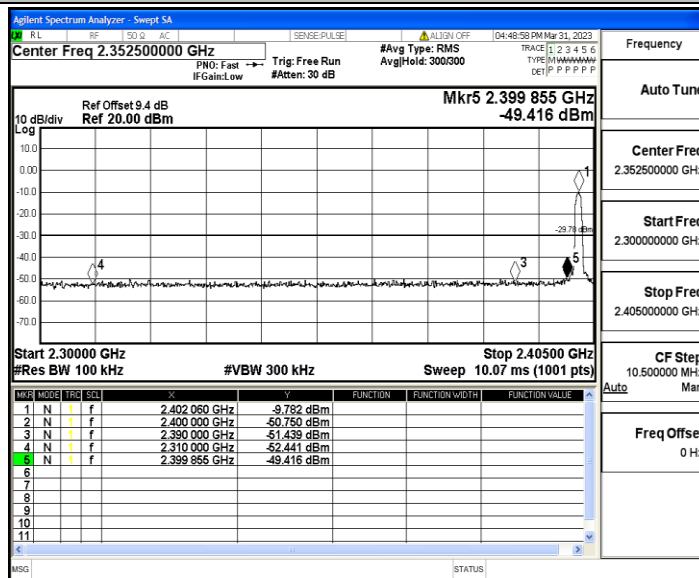
2DH5_Ant1_High_2480



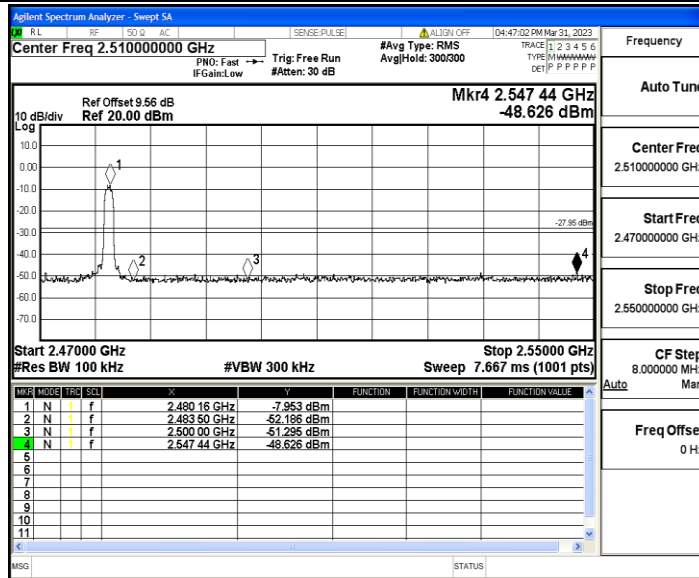
2DH5_Ant1_Low_Hop_2402



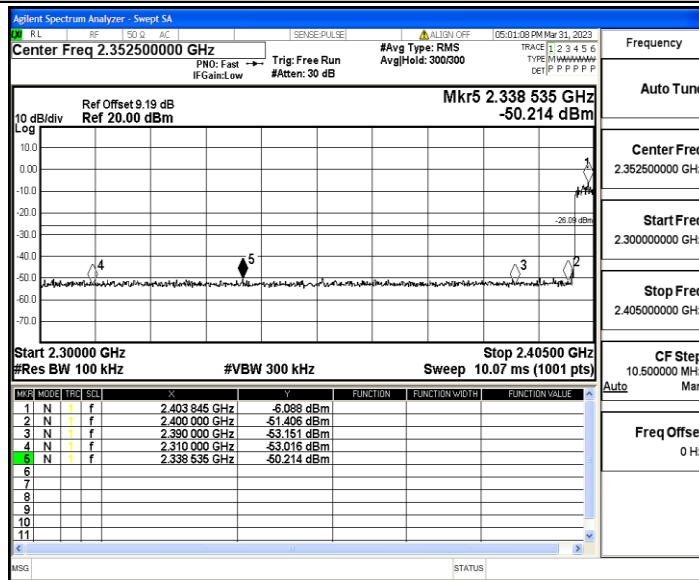
2DH5_Ant1_High_Hop_2480



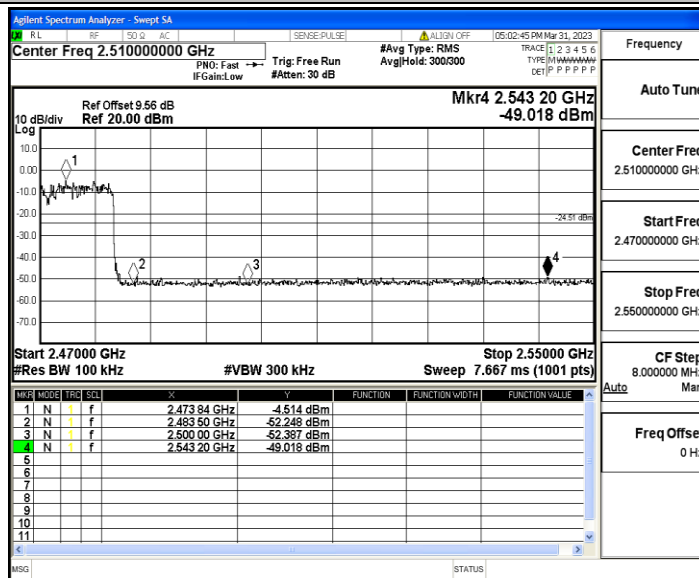
3DH5_Ant1_Low_2402



3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



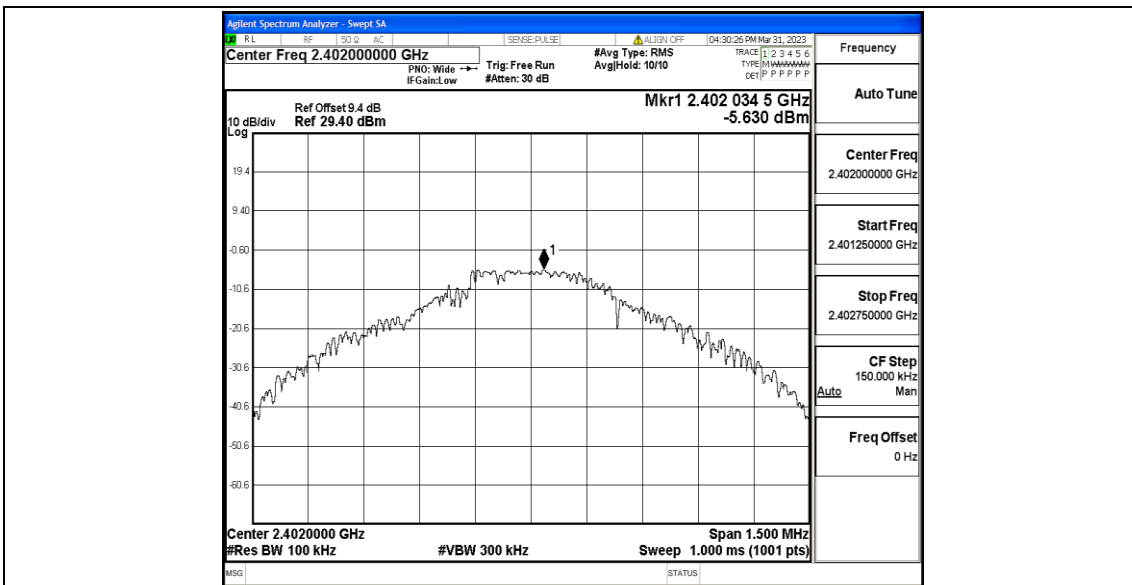
3DH5_Ant1_High_Hop_2480

Appendix H: Conducted Spurious Emission

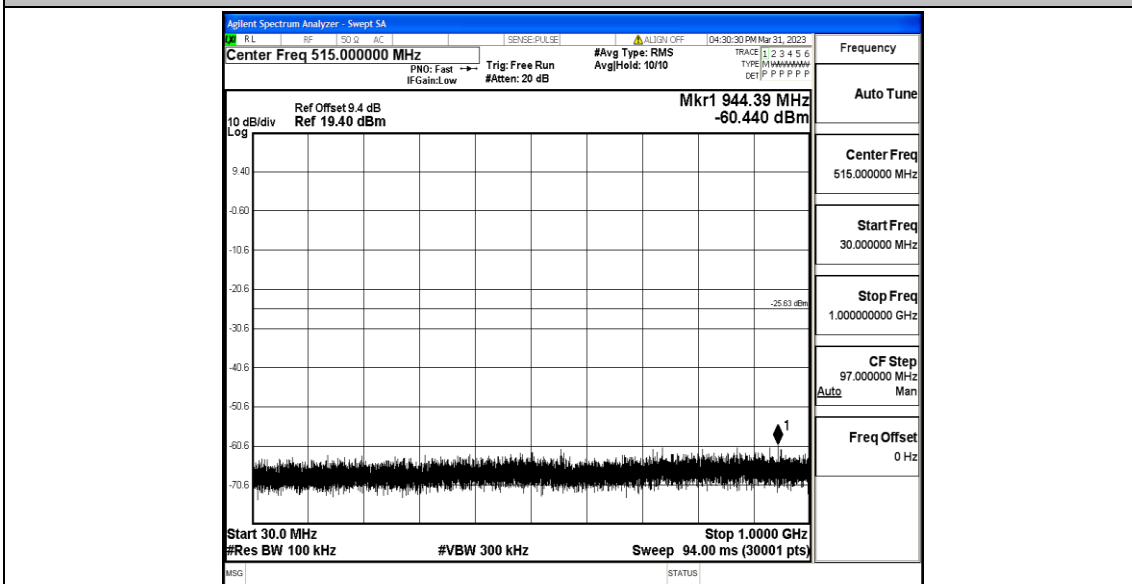
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-5.63	-5.63	---	PASS
			30~1000	-5.63	-60.44	≤-25.63	PASS
			1000~26500	-5.63	-39.84	≤-25.63	PASS
		2441	Reference	-4.89	-4.89	---	PASS
			30~1000	-4.89	-60.84	≤-24.89	PASS
			1000~26500	-4.89	-42.86	≤-24.89	PASS
		2480	Reference	-4.52	-4.52	---	PASS
			30~1000	-4.52	-61.33	≤-24.52	PASS
			1000~26500	-4.52	-42.8	≤-24.52	PASS
2DH5	Ant1	2402	Reference	-11.06	-11.06	---	PASS
			30~1000	-11.06	-60.93	≤-31.06	PASS
			1000~26500	-11.06	-45.27	≤-31.06	PASS
		2441	Reference	-9.85	-9.85	---	PASS
			30~1000	-9.85	-61.23	≤-29.85	PASS
			1000~26500	-9.85	-46.29	≤-29.85	PASS
		2480	Reference	-8.61	-8.61	---	PASS
			30~1000	-8.61	-61.46	≤-28.61	PASS
			1000~26500	-8.61	-47.03	≤-28.61	PASS
3DH5	Ant1	2402	Reference	-11.09	-11.09	---	PASS
			30~1000	-11.09	-60.67	≤-31.09	PASS
			1000~26500	-11.09	-45.92	≤-31.09	PASS
		2441	Reference	-8.81	-8.81	---	PASS
			30~1000	-8.81	-60.26	≤-28.81	PASS
			1000~26500	-8.81	-44.86	≤-28.81	PASS
		2480	Reference	-10.31	-10.31	---	PASS
			30~1000	-10.31	-60.78	≤-30.31	PASS
			1000~26500	-10.31	-43.4	≤-30.31	PASS

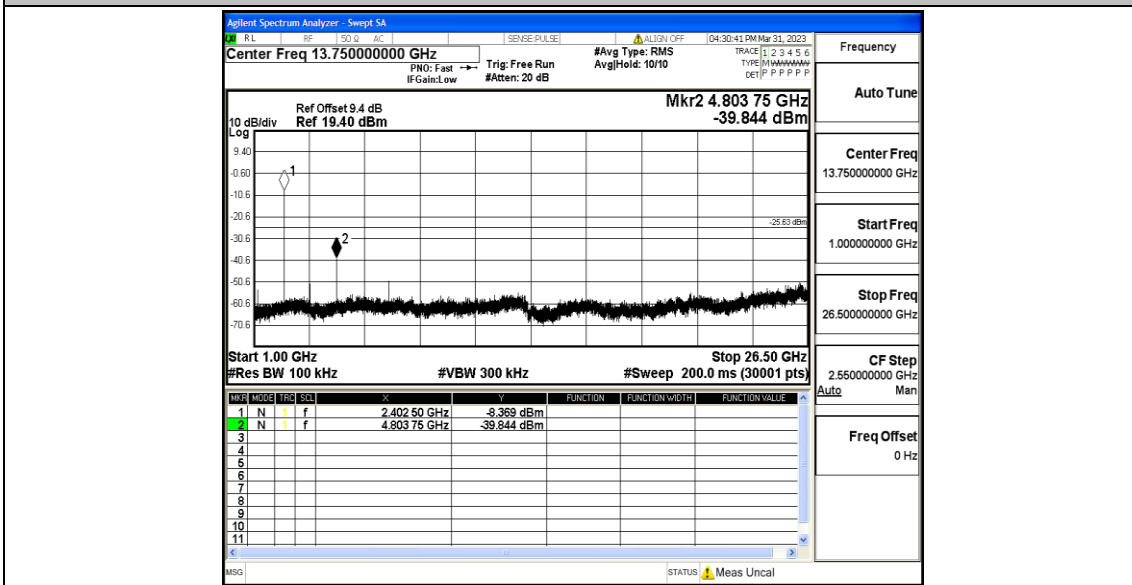
Test Graphs



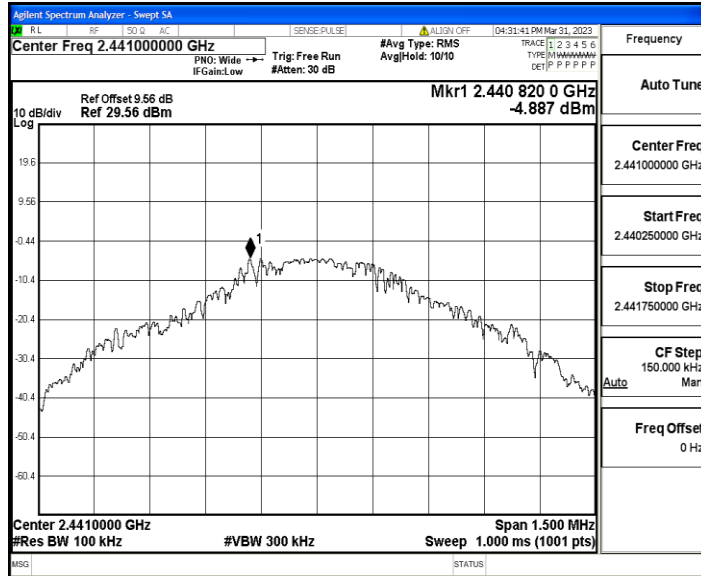
DH5_Ant1_2402_0~Reference



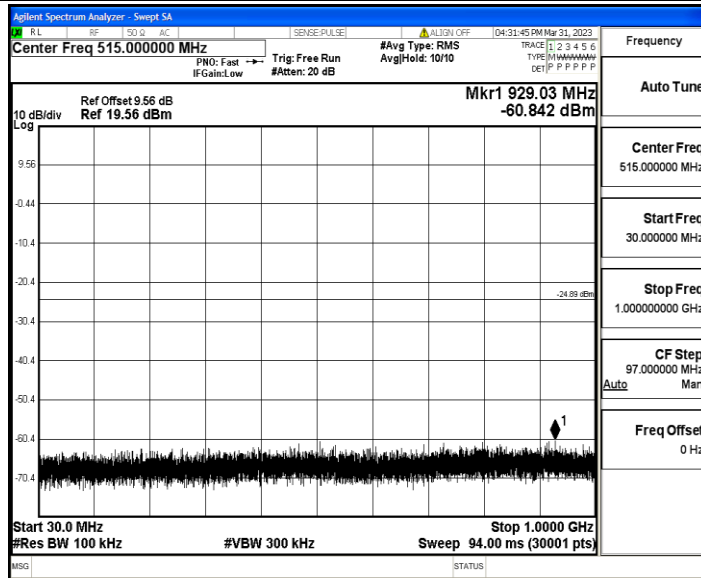
DH5_Ant1_2402_30~1000



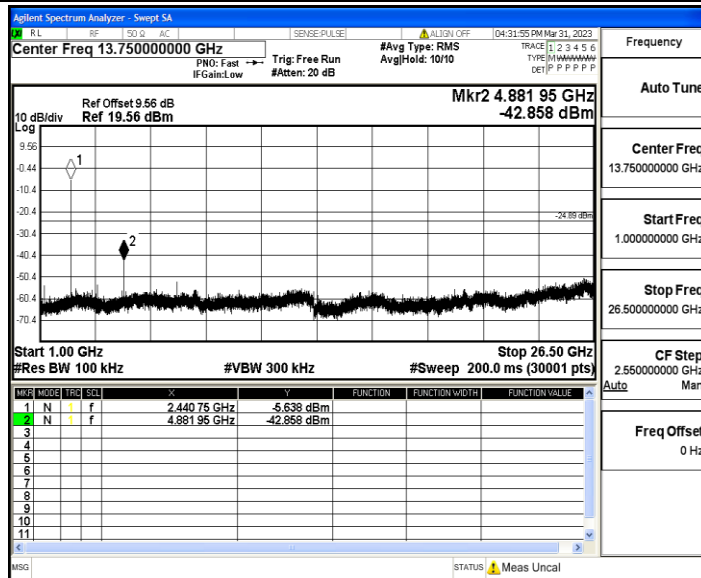
DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



DH5_Ant1_2441_1000~26500