

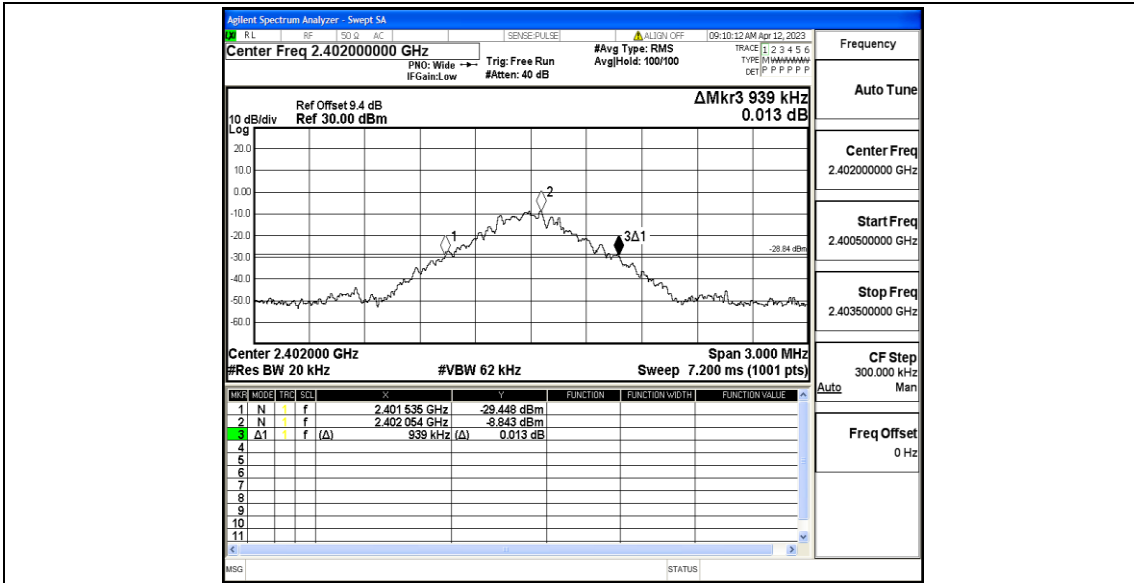
Appendix Test Data for BT(BDR/EDR) (Conducted Measurement)**Product Name: True Wireless Stereo Bluetooth Headset****Trade Mark: aigo****Test Model: T18****FCC ID: 2ASNB-T18****Environmental Conditions**

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

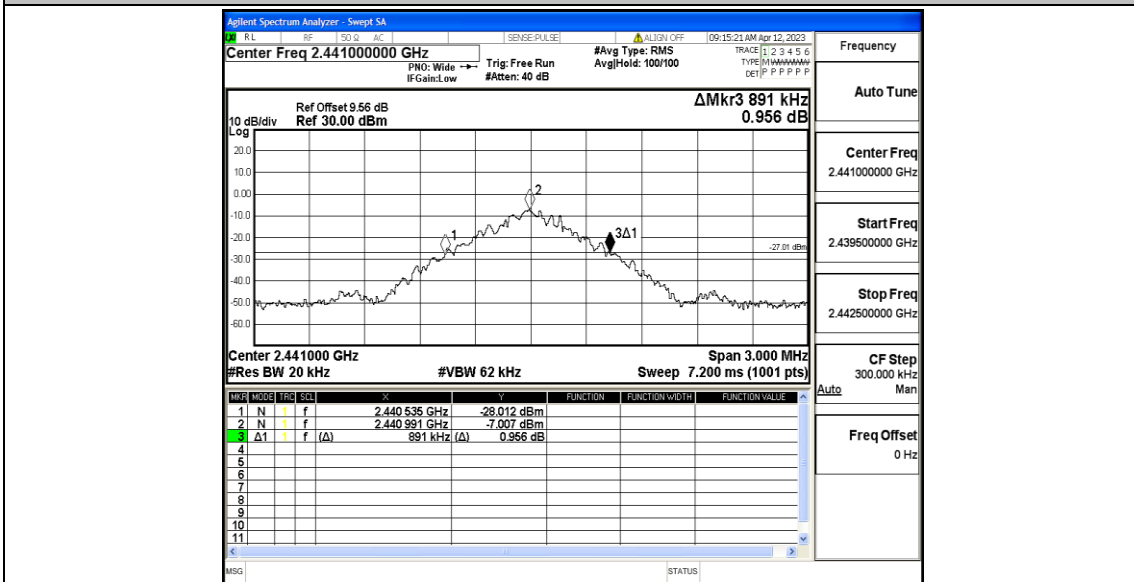
Appendix A: 20dB Emission Bandwidth**Test Result**

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.939	2401.535	2402.474	---	---
		2441	0.891	2440.535	2441.426	---	---
		2480	0.888	2479.535	2480.423	---	---
2DH5	Ant1	2402	1.284	2401.340	2402.624	---	---
		2441	1.251	2440.373	2441.624	---	---
		2480	1.284	2479.340	2480.624	---	---

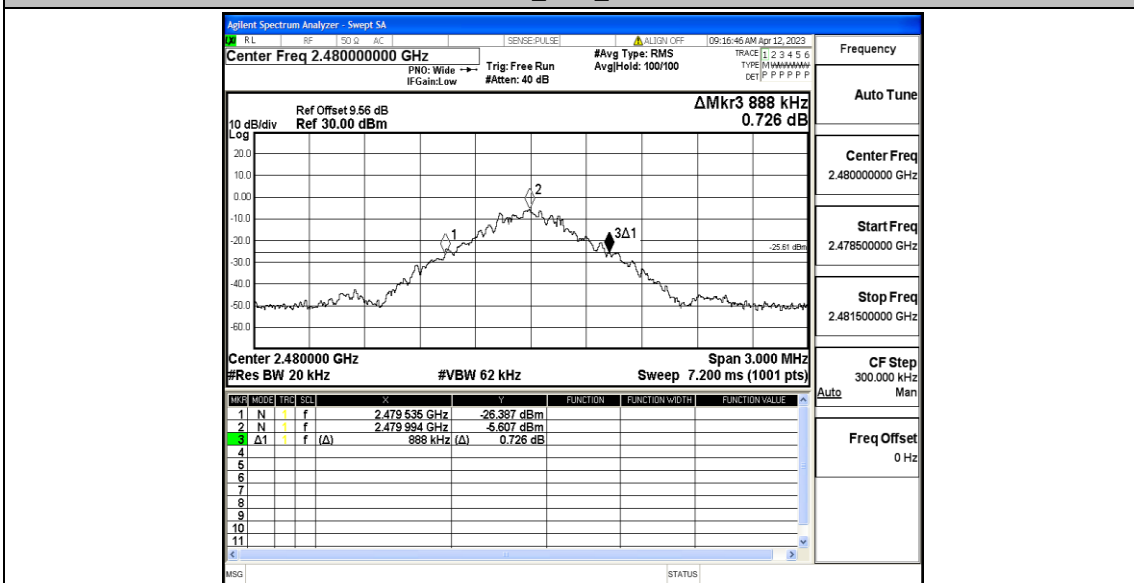
Test Graphs



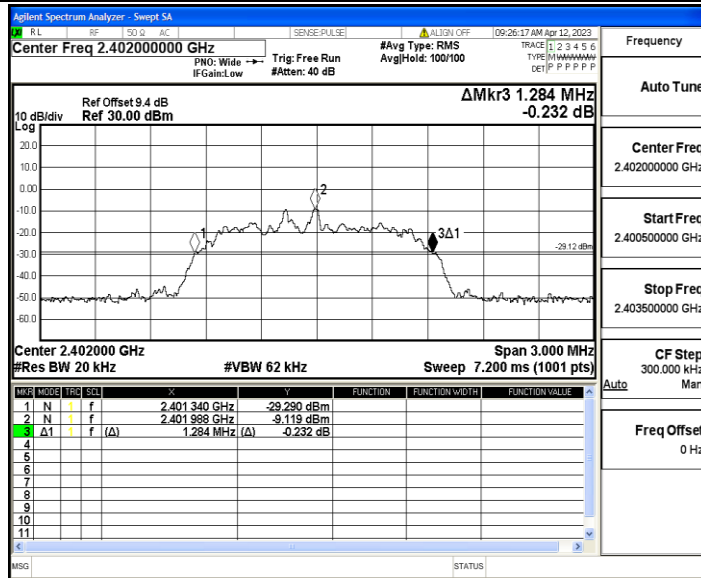
DH5_Ant1_2402



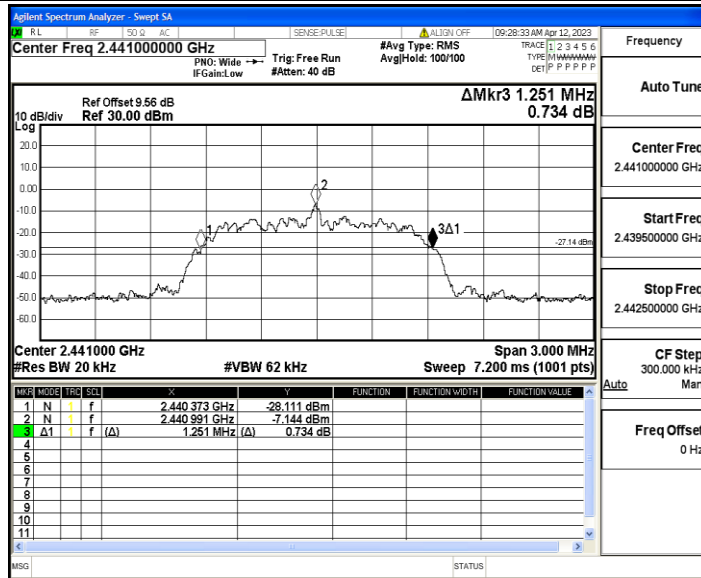
DH5_Ant1_2441



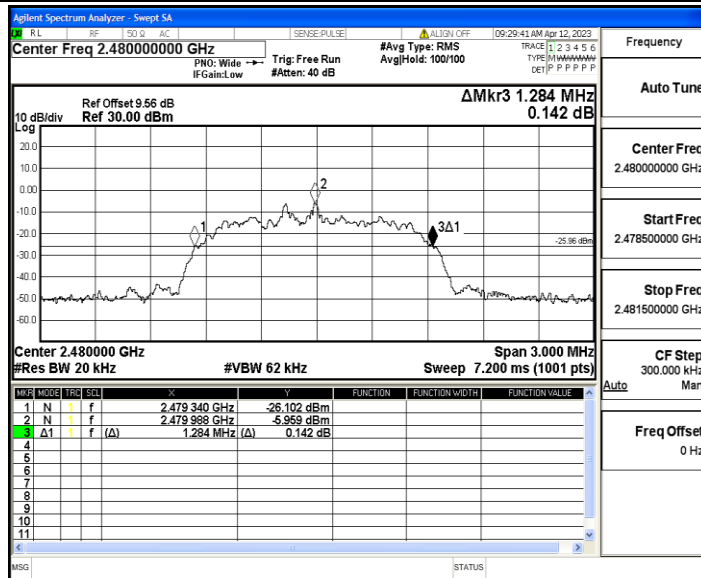
DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



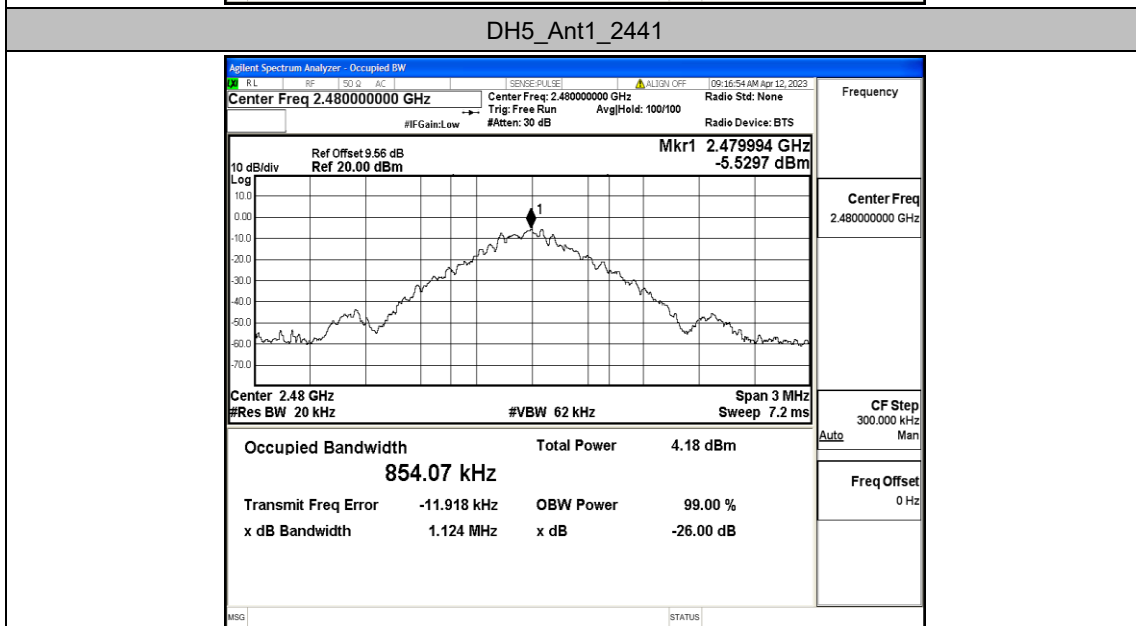
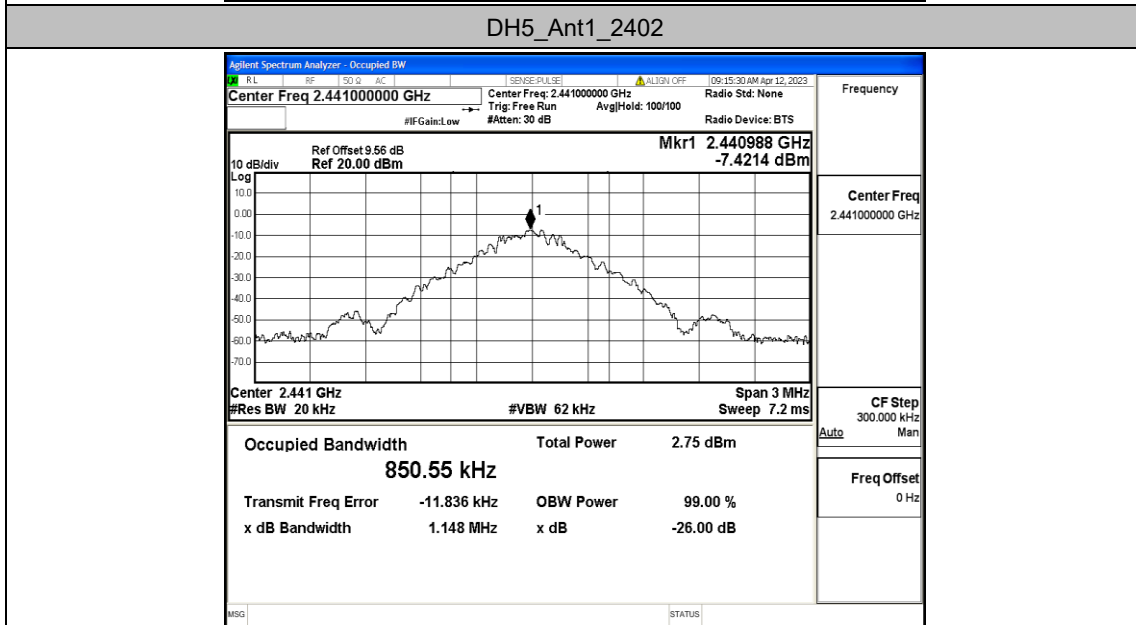
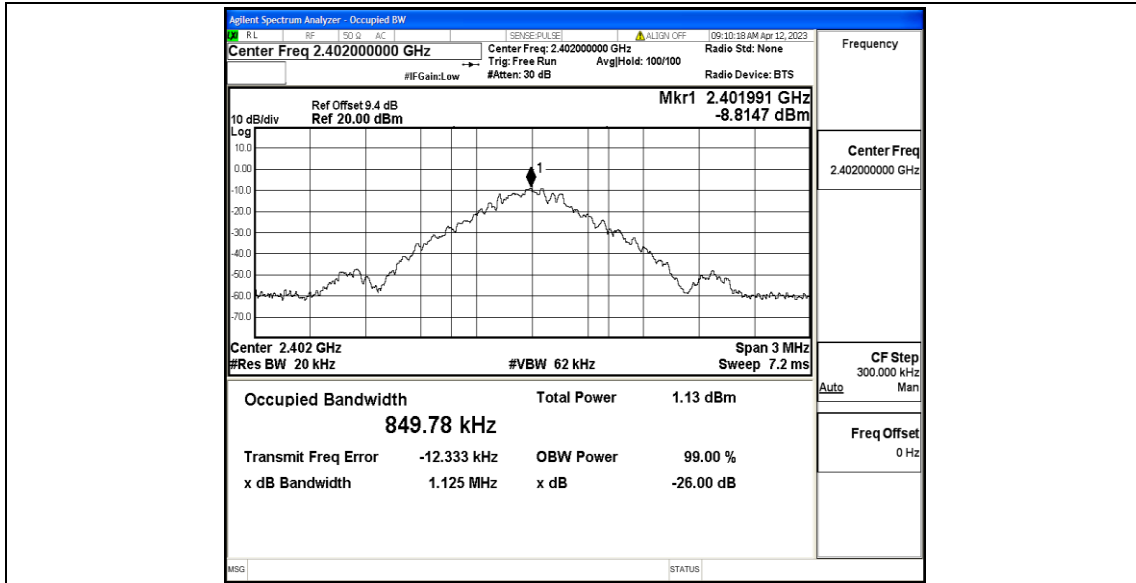
2DH5_Ant1_2480

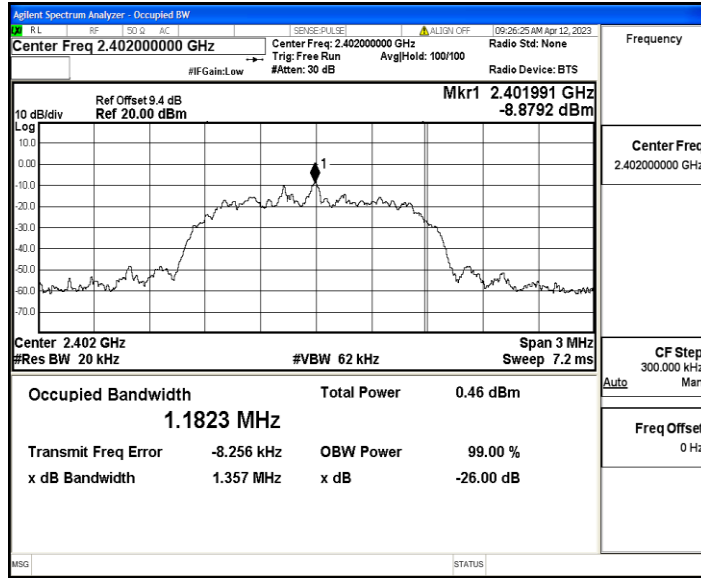
Appendix B: Occupied Channel Bandwidth

Test Result

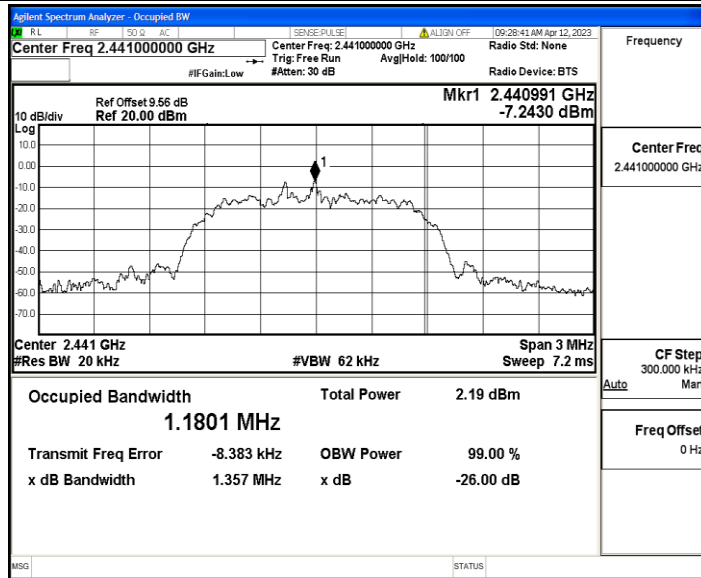
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.84978	2401.5628	2402.4126	---	---
		2441	0.85055	2440.5629	2441.4134	---	---
		2480	0.85407	2479.5610	2480.4151	---	---
2DH5	Ant1	2402	1.1823	2401.4006	2402.5829	---	---
		2441	1.1801	2440.4016	2441.5817	---	---
		2480	1.1906	2479.3978	2480.5884	---	---

Test Graphs

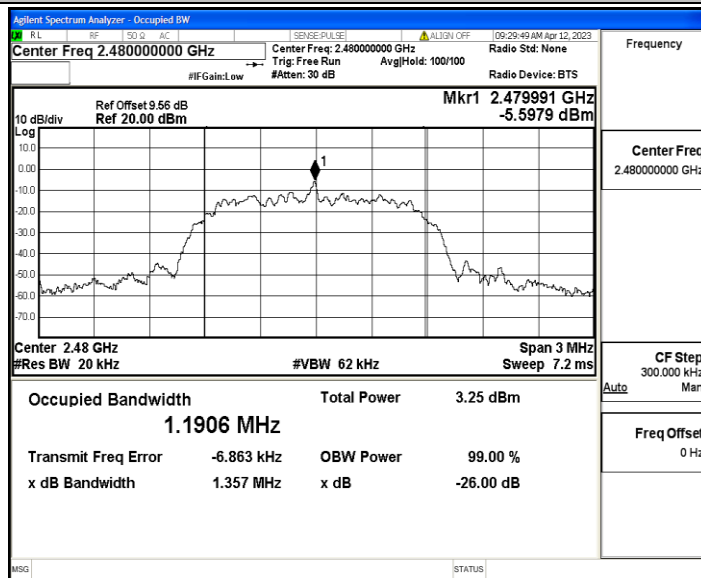




2DH5_Ant1_2402



2DH5_Ant1_2441



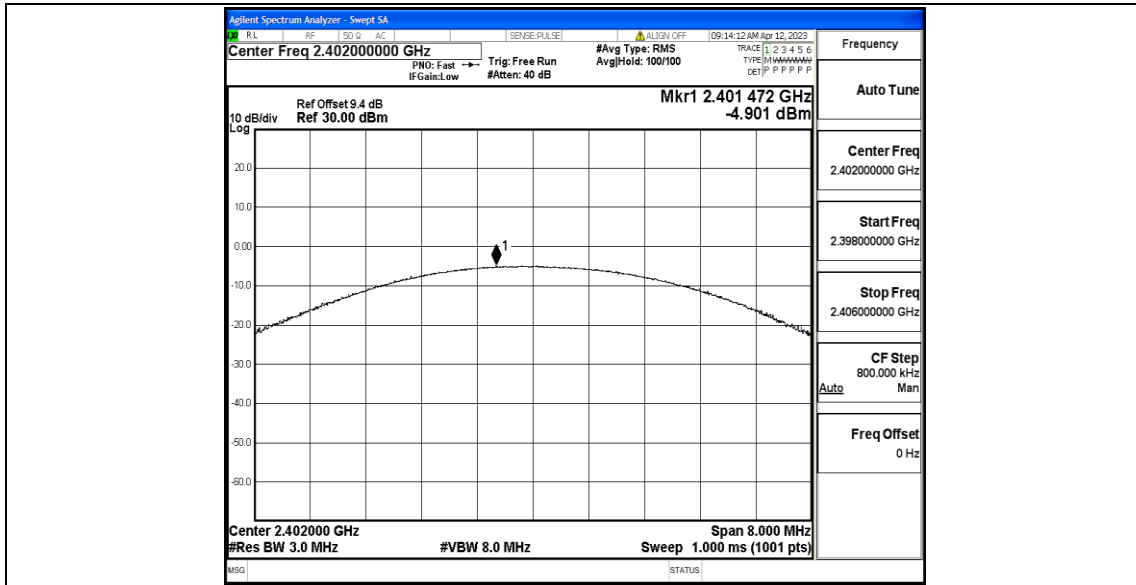
2DH5_Ant1_2480

Appendix C: Maximum Peak conducted output power

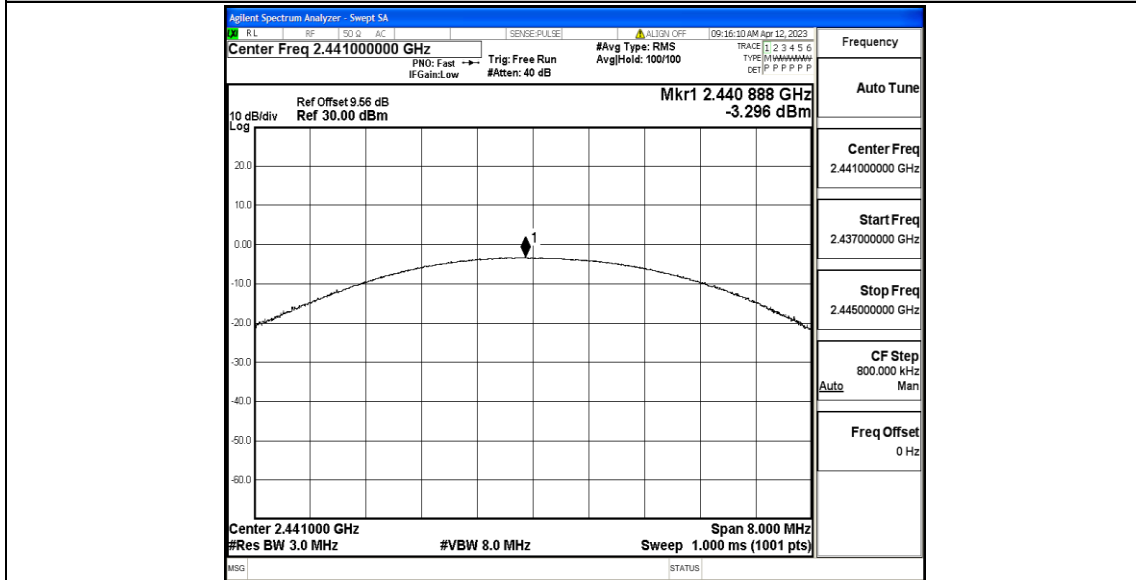
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-4.9	≤30	PASS
		2441	-3.3	≤30	PASS
		2480	-1.95	≤30	PASS
2DH5	Ant1	2402	-4.43	≤20.97	PASS
		2441	-2.61	≤20.97	PASS
		2480	-1.28	≤20.97	PASS

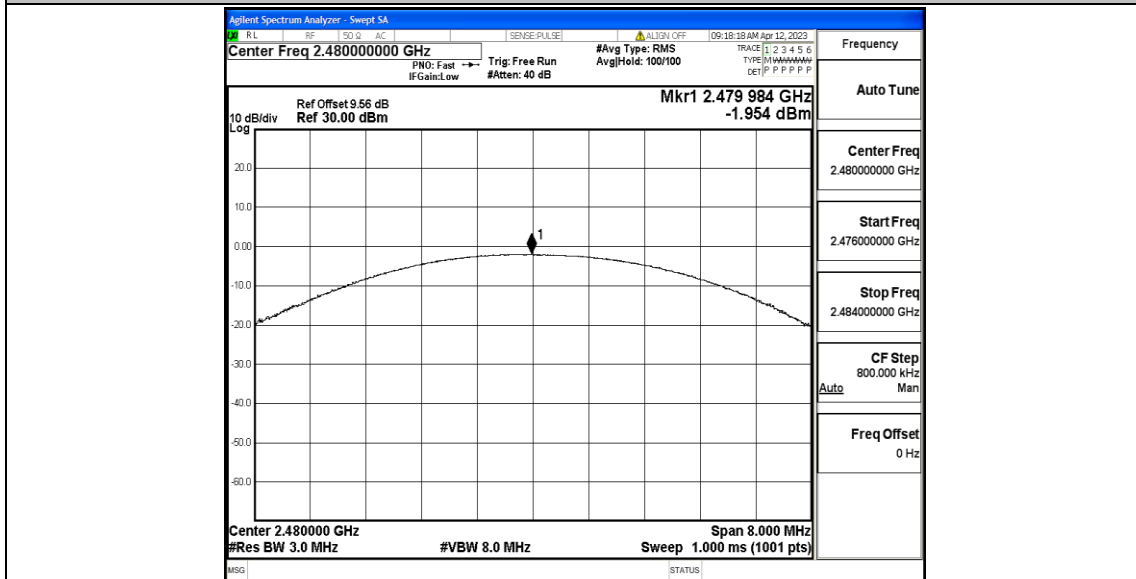
Test Graphs



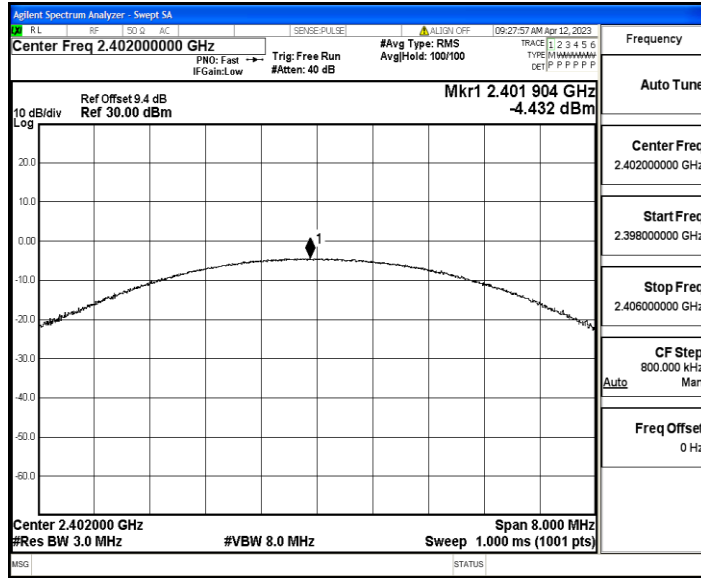
DH5_Ant1_2402



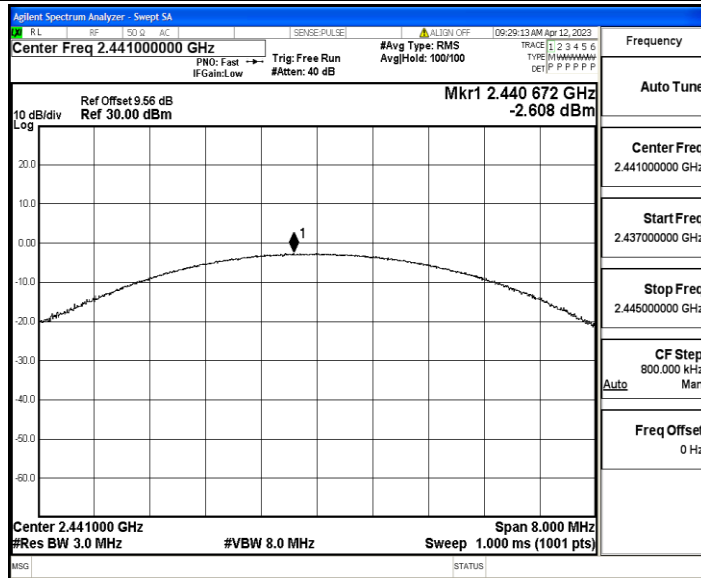
DH5_Ant1_2441



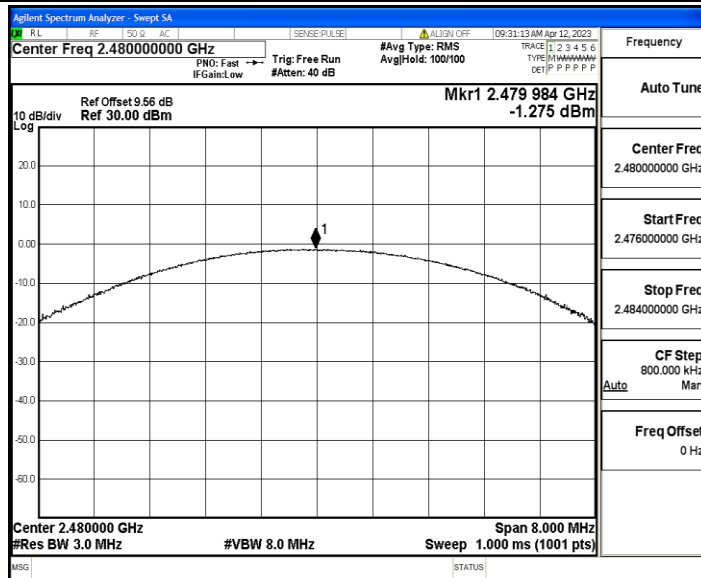
DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



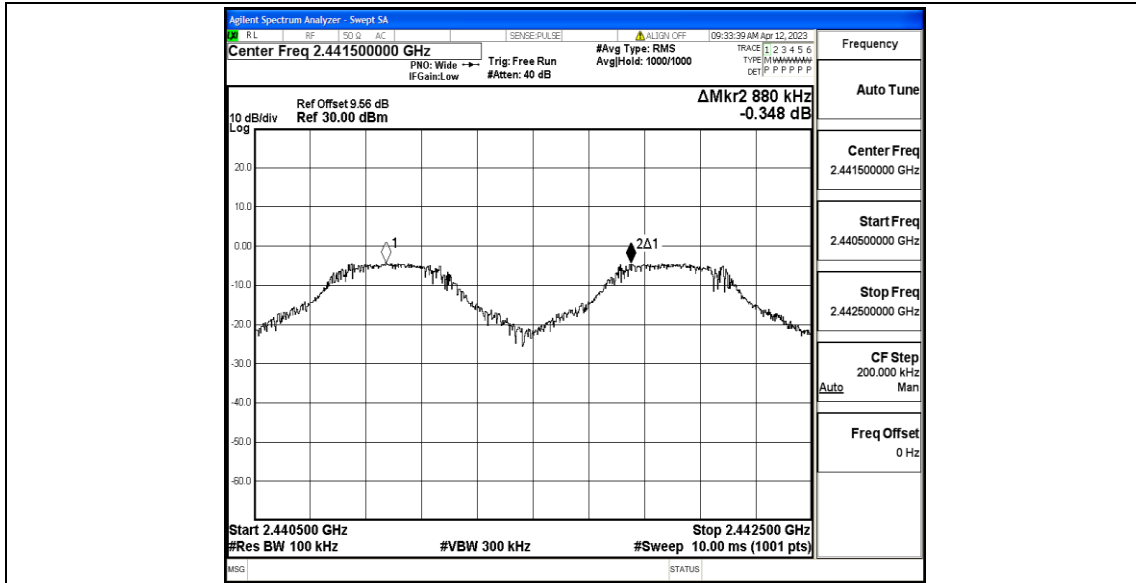
2DH5_Ant1_2480

Appendix D: Carrier frequency separation

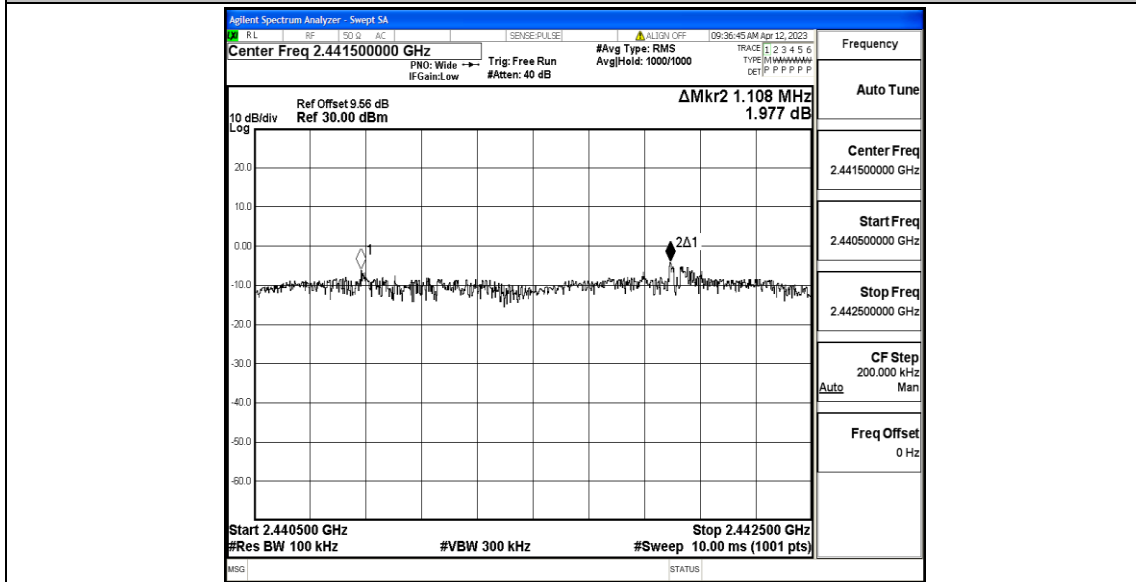
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.88	≥ 0.626	PASS
2DH5	Ant1	Hop	1.108	≥ 0.856	PASS

Test Graphs



DH5_Ant1_Hop



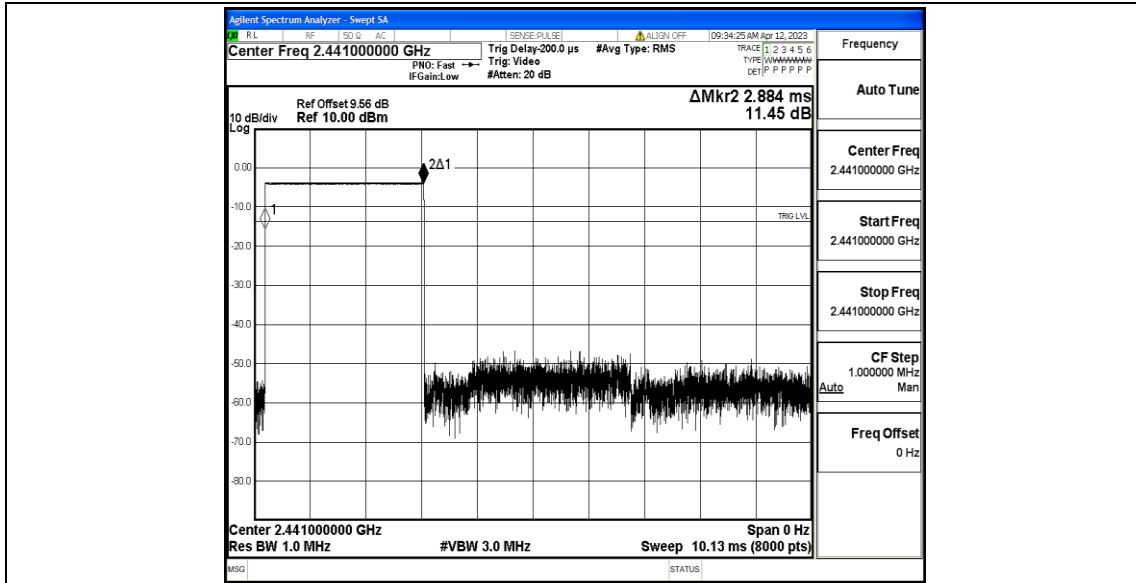
2DH5_Ant1_Hop

Appendix E: Time of occupancy

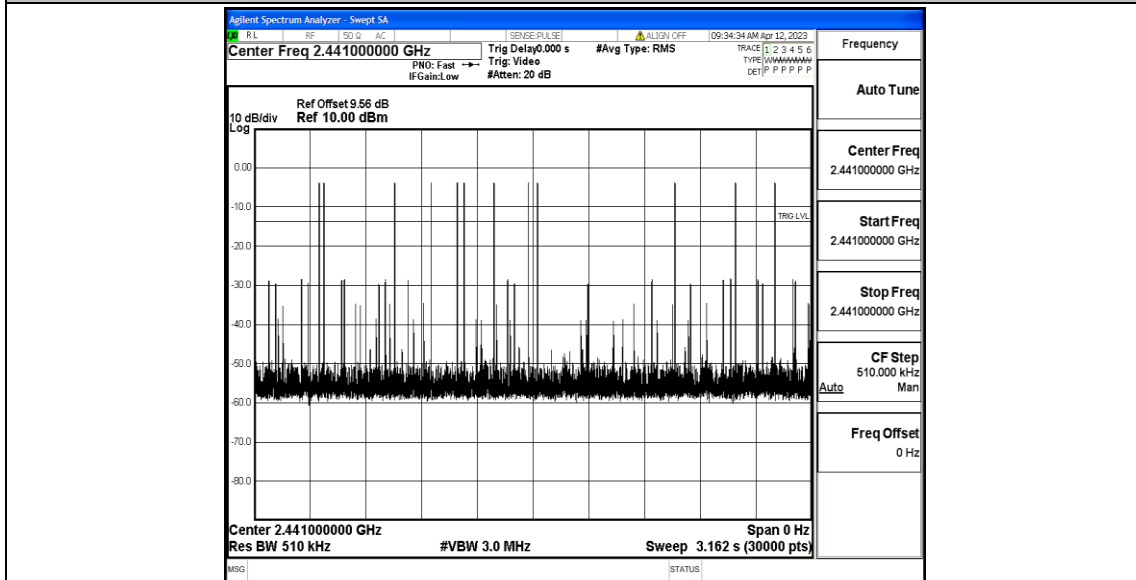
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.884	130	0.375	≤0.4	PASS
2DH5	Ant1	Hop	2.891	80	0.231	≤0.4	PASS

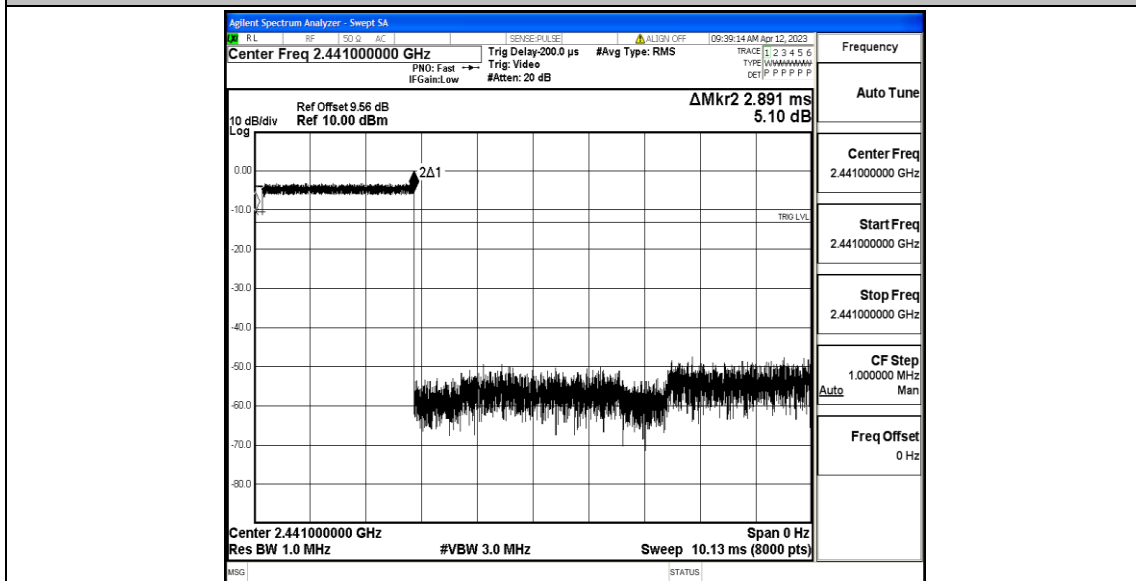
Test Graphs



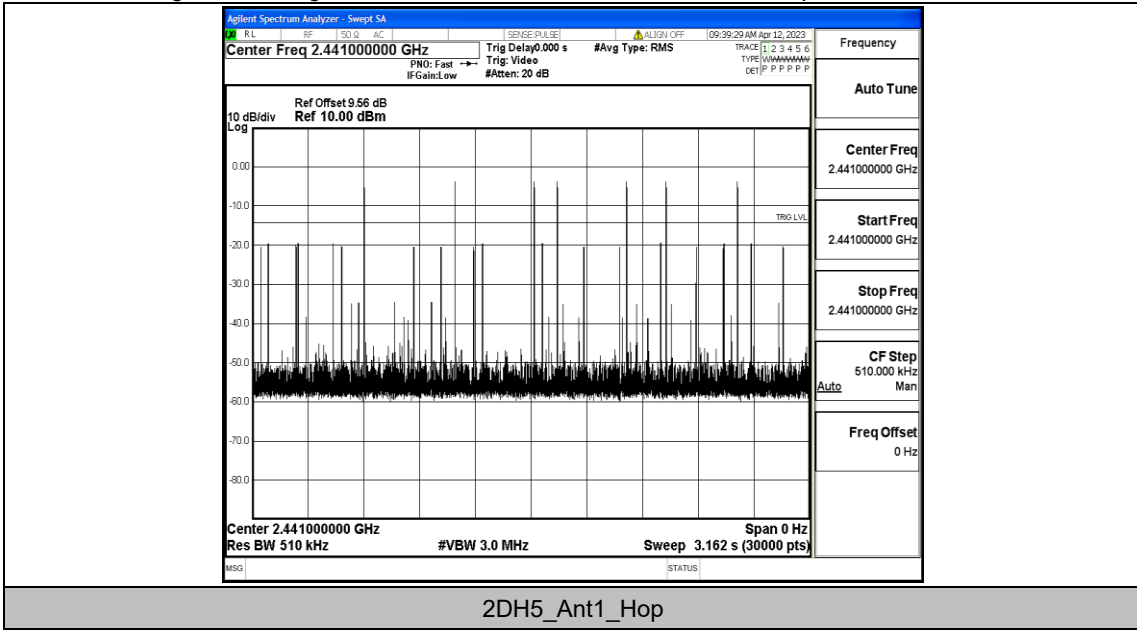
DH5_Ant1_Hop



DH5_Ant1_Hop



2DH5_Ant1_Hop



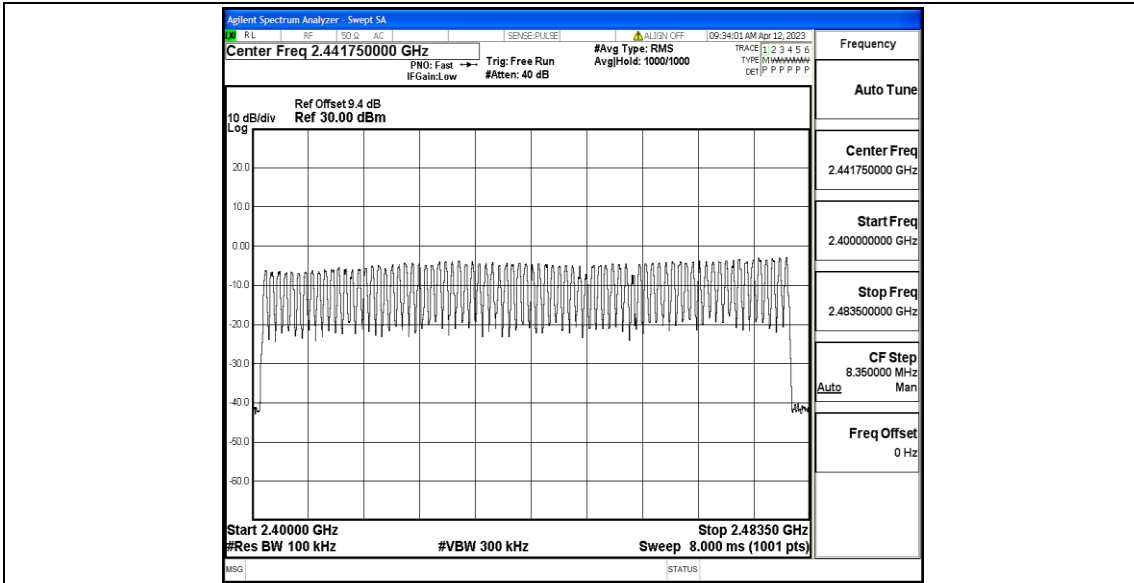
2DH5_Ant1_Hop

Appendix F: Number of hopping channels

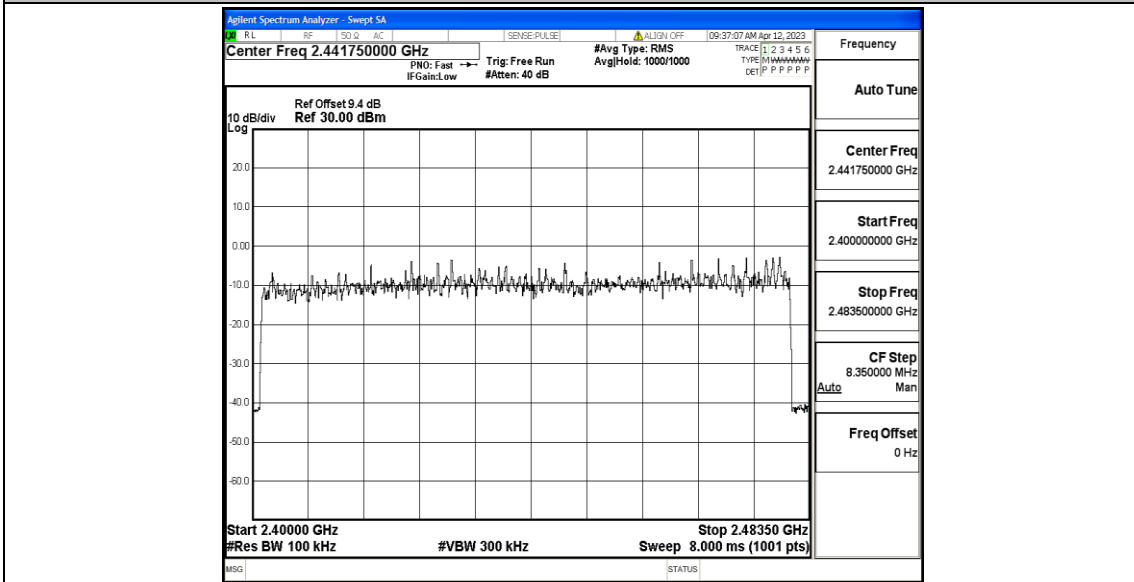
Test Result

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

Test Graphs



DH5_Ant1_Hop



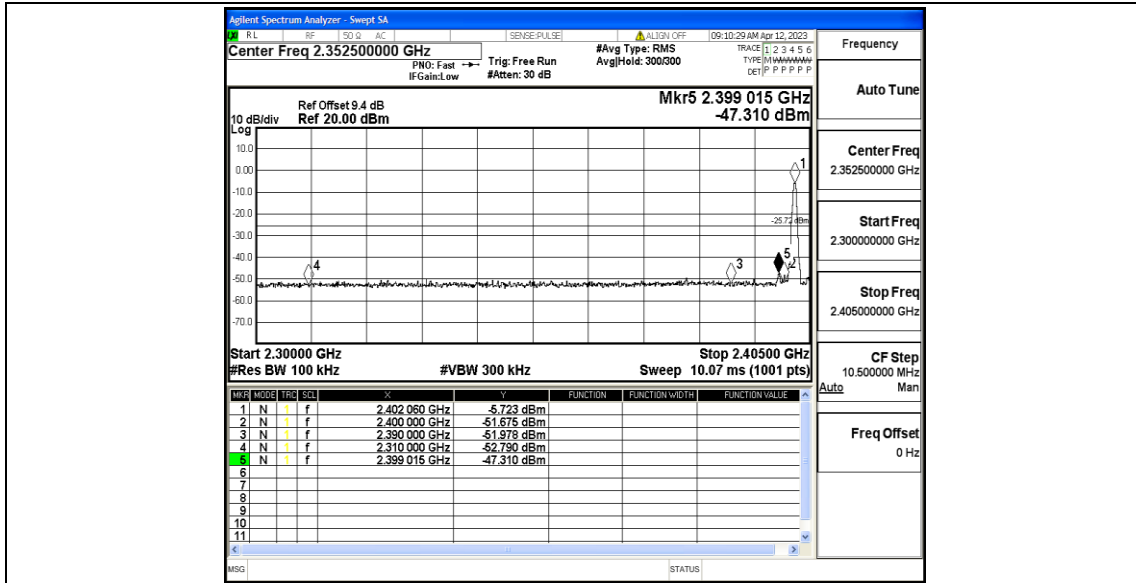
2DH5_Ant1_Hop

Appendix G: Band edge measurements

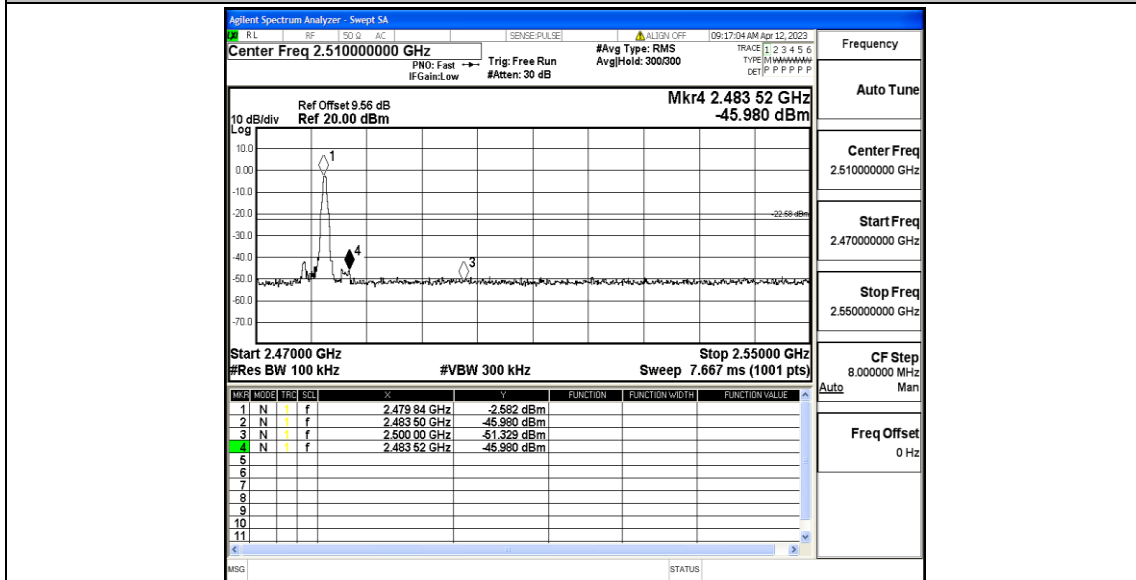
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-5.72	-47.31	≤-25.72	PASS
		High	2480	-2.58	-45.98	≤-22.58	PASS
		Low	Hop_2402	-6.77	-49.53	≤-26.77	PASS
		High	Hop_2480	-2.69	-48.52	≤-22.69	PASS
2DH5	Ant1	Low	2402	-7.01	-49.81	≤-27.01	PASS
		High	2480	-2.59	-49.07	≤-22.59	PASS
		Low	Hop_2402	-10.18	-49.99	≤-30.18	PASS
		High	Hop_2480	-6.03	-48.54	≤-26.03	PASS

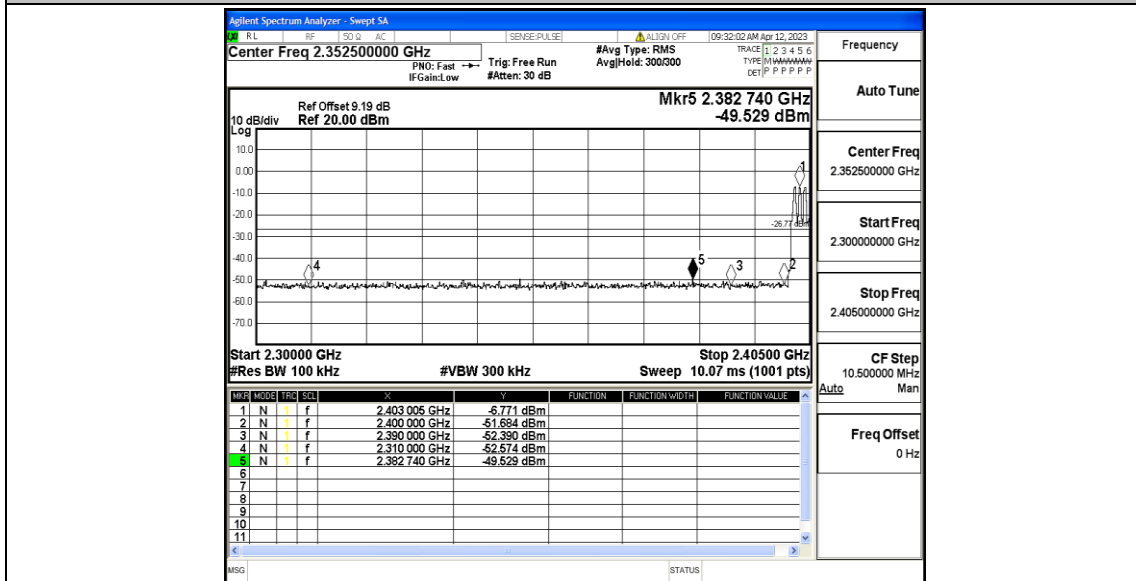
Test Graphs



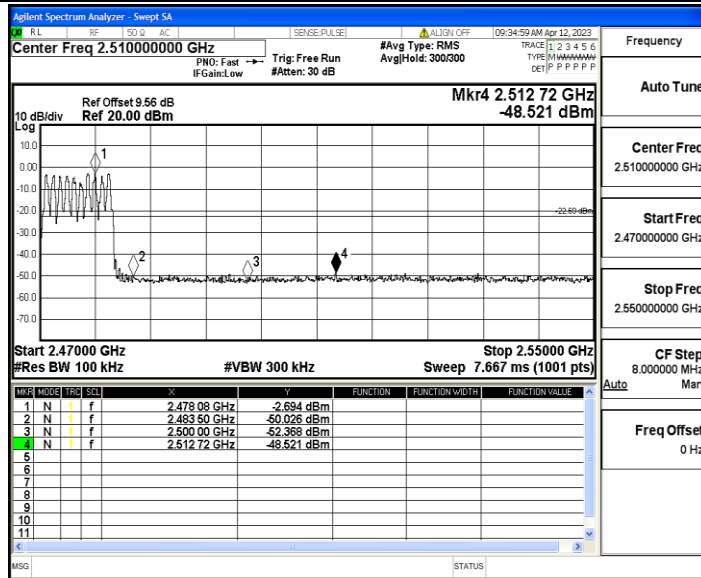
DH5_Ant1_Low_2402



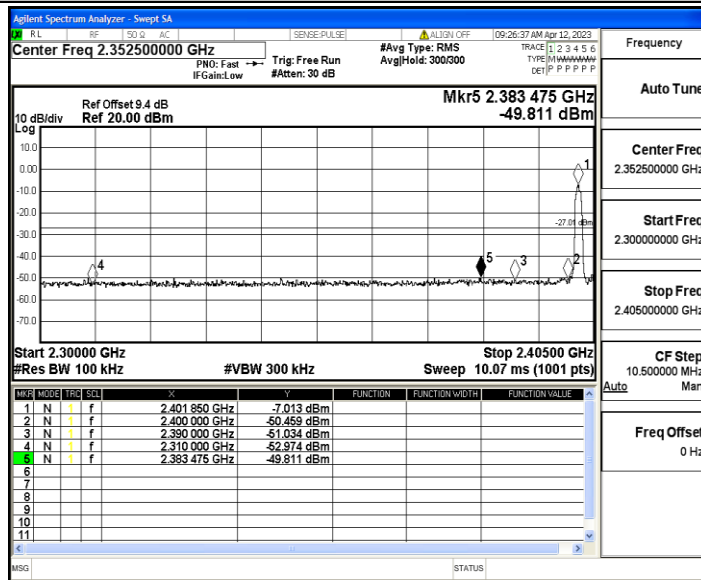
DH5_Ant1_High_2480



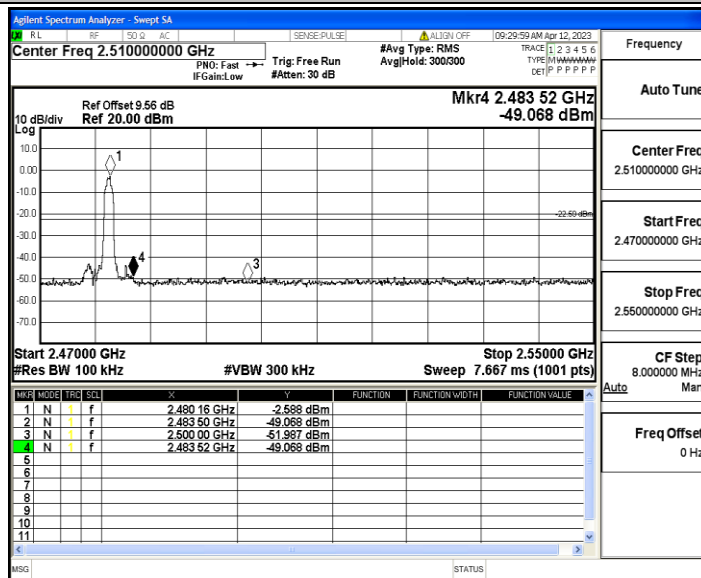
DH5_Ant1_Low_Hop_2402



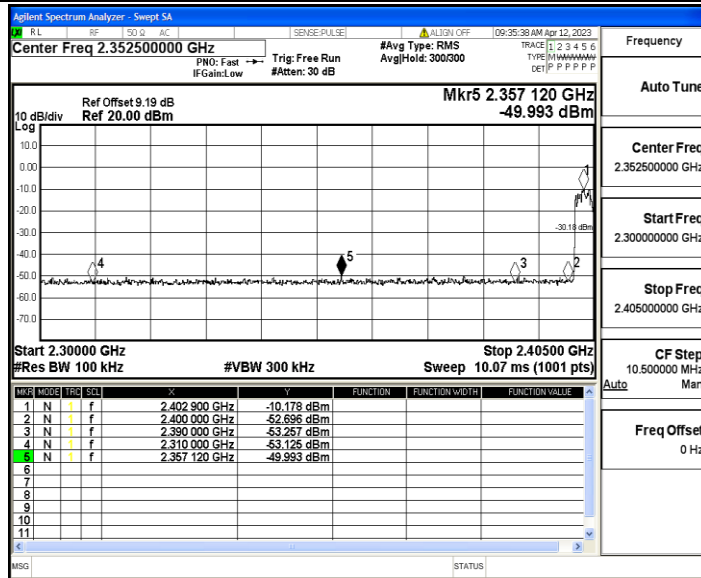
DH5_Ant1_High_Hop_2480



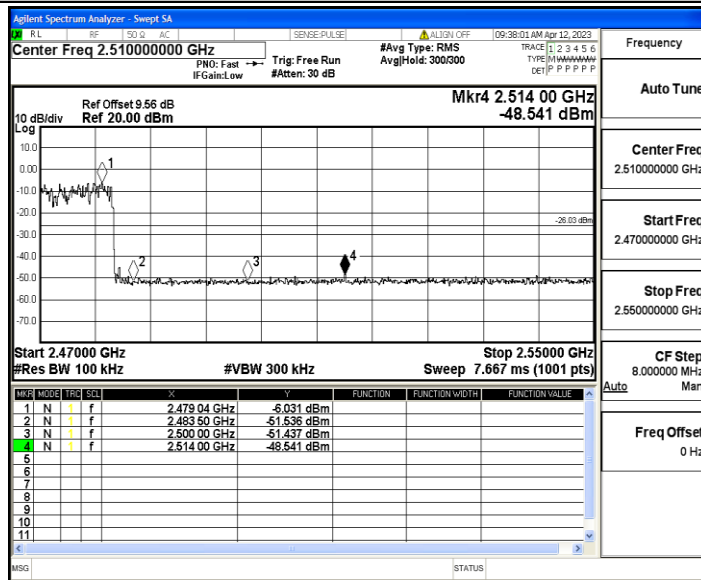
2DH5_Ant1_Low_2402



2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



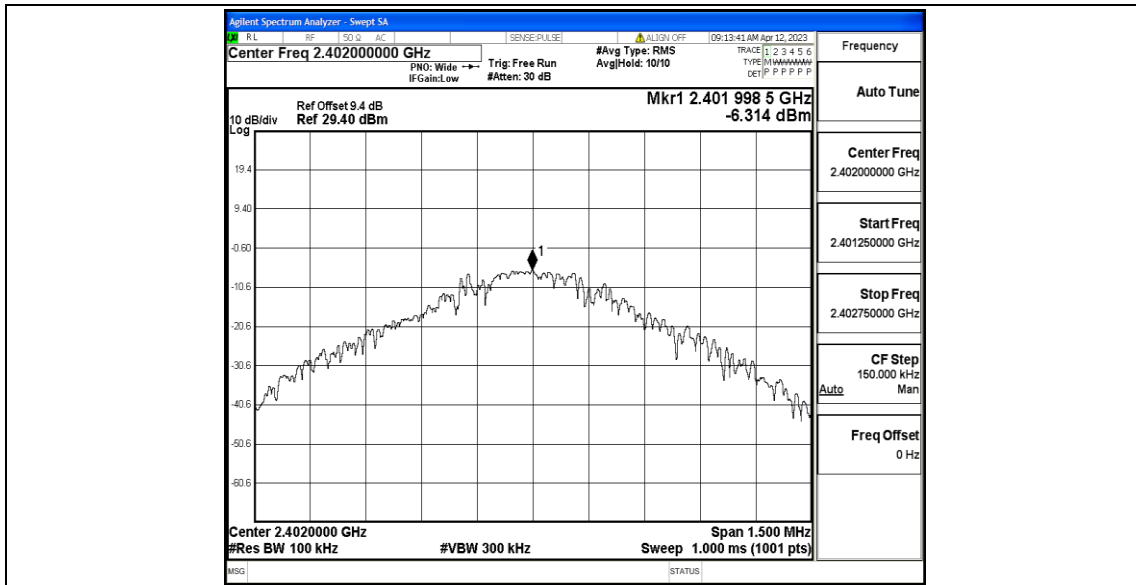
2DH5_Ant1_High_Hop_2480

Appendix H: Conducted Spurious Emission

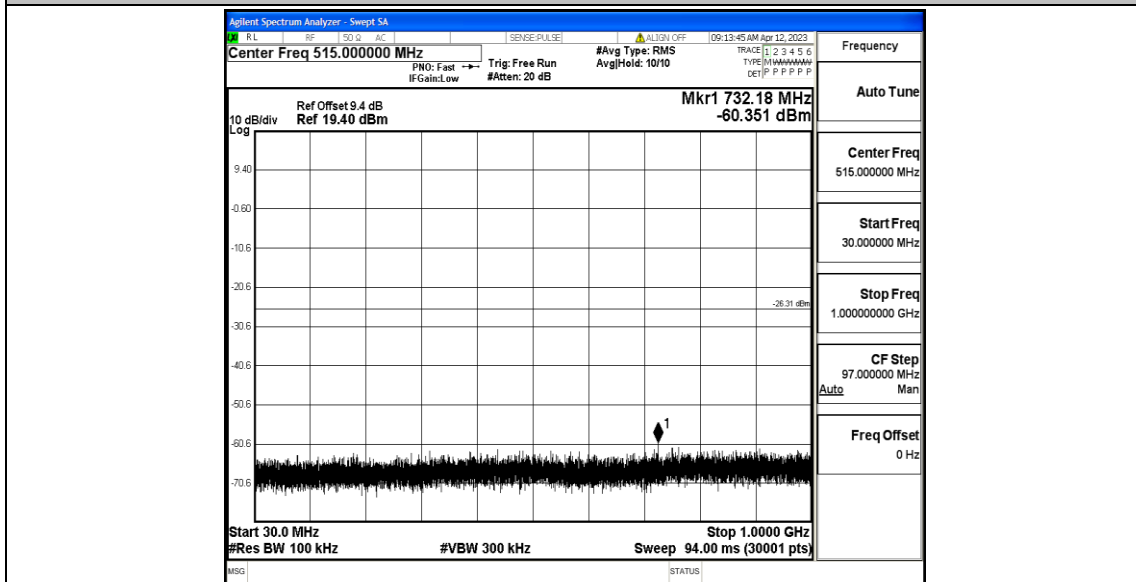
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-6.31	-6.31	---	PASS
			30~1000	-6.31	-60.35	≤-26.31	PASS
			1000~26500	-6.31	-51.81	≤-26.31	PASS
		2441	Reference	-3.99	-3.99	---	PASS
			30~1000	-3.99	-61.63	≤-23.99	PASS
			1000~26500	-3.99	-51.19	≤-23.99	PASS
		2480	Reference	-3.21	-3.21	---	PASS
			30~1000	-3.21	-61.08	≤-23.21	PASS
			1000~26500	-3.21	-50.99	≤-23.21	PASS
2DH5	Ant1	2402	Reference	-10.09	-10.09	---	PASS
			30~1000	-10.09	-60.56	≤-30.09	PASS
			1000~26500	-10.09	-47.74	≤-30.09	PASS
		2441	Reference	-4.01	-4.01	---	PASS
			30~1000	-4.01	-61.21	≤-24.01	PASS
			1000~26500	-4.01	-51.05	≤-24.01	PASS
		2480	Reference	-2.66	-2.66	---	PASS
			30~1000	-2.66	-61.04	≤-22.66	PASS
			1000~26500	-2.66	-50.56	≤-22.66	PASS

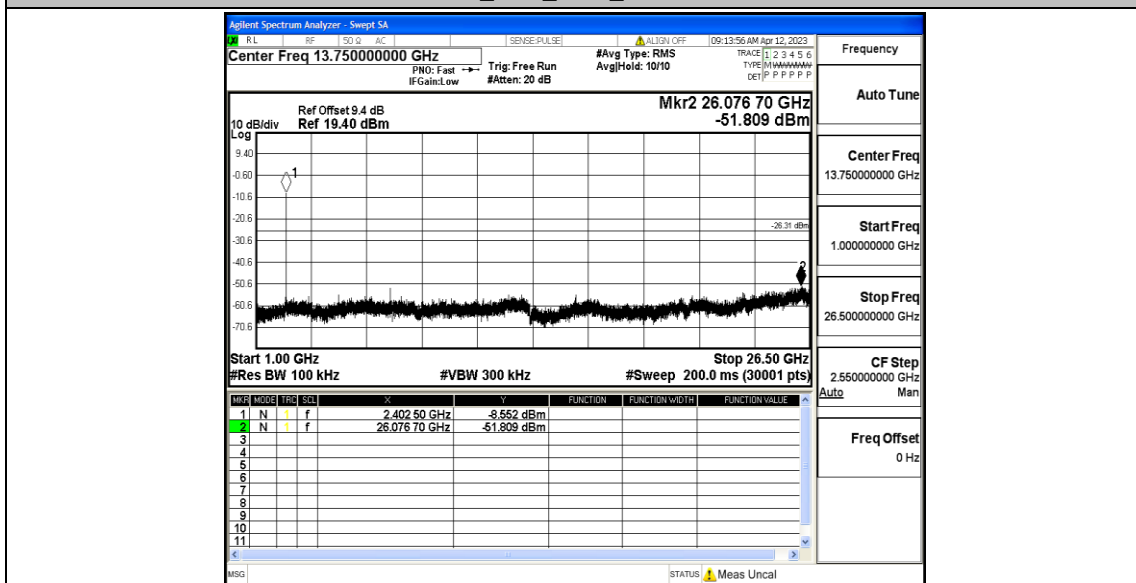
Test Graphs



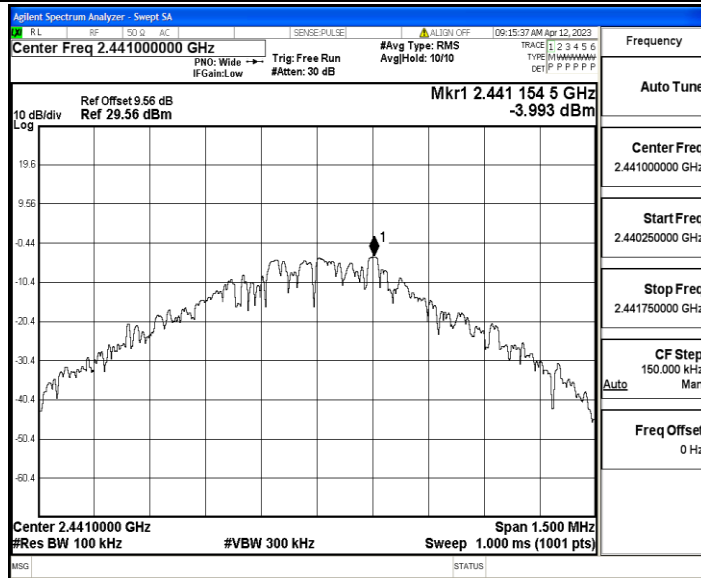
DH5_Ant1_2402_0~Reference



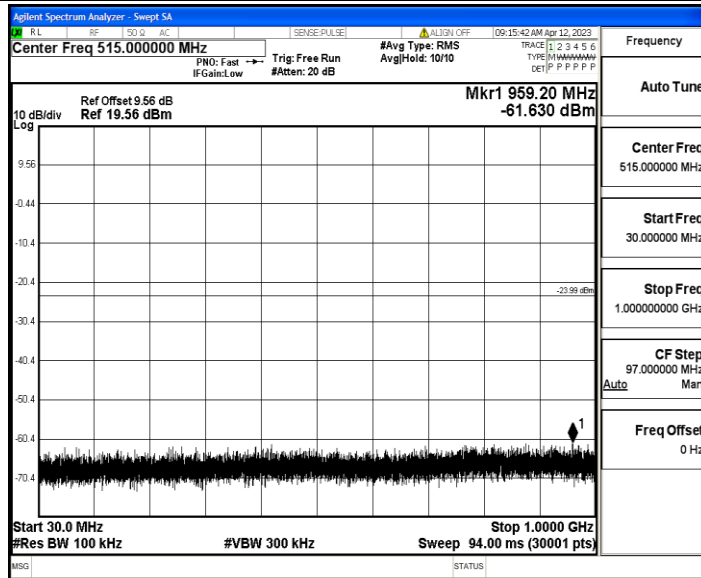
DH5_Ant1_2402_30~1000



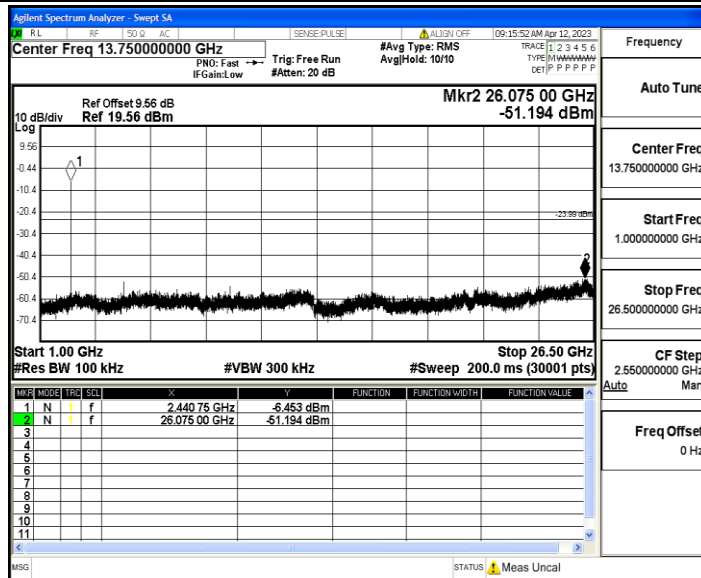
DH5_Ant1_2402_1000~26500



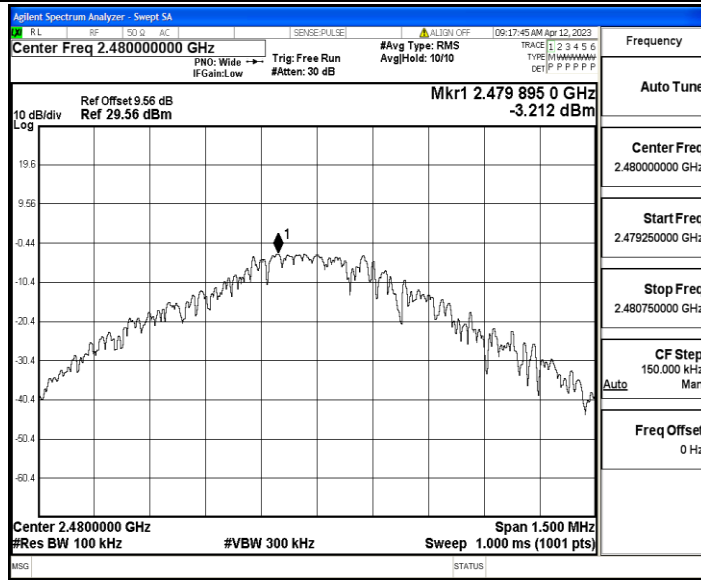
DH5_Ant1_2441_0~Reference



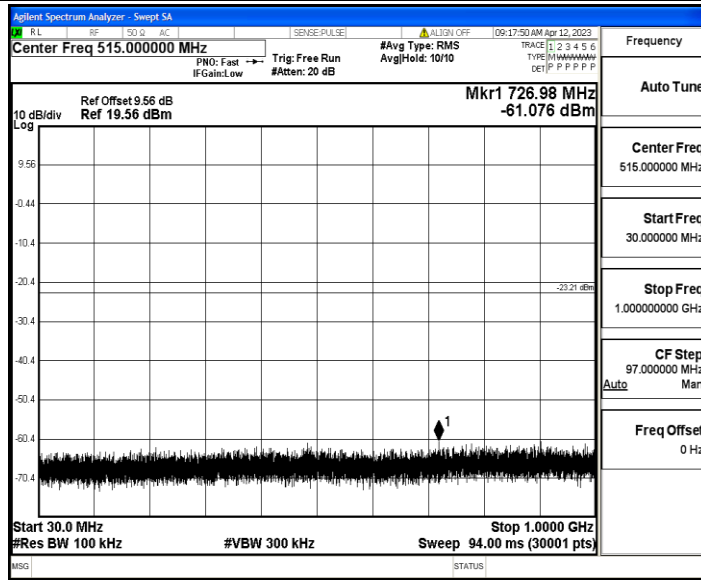
DH5_Ant1_2441_30~1000



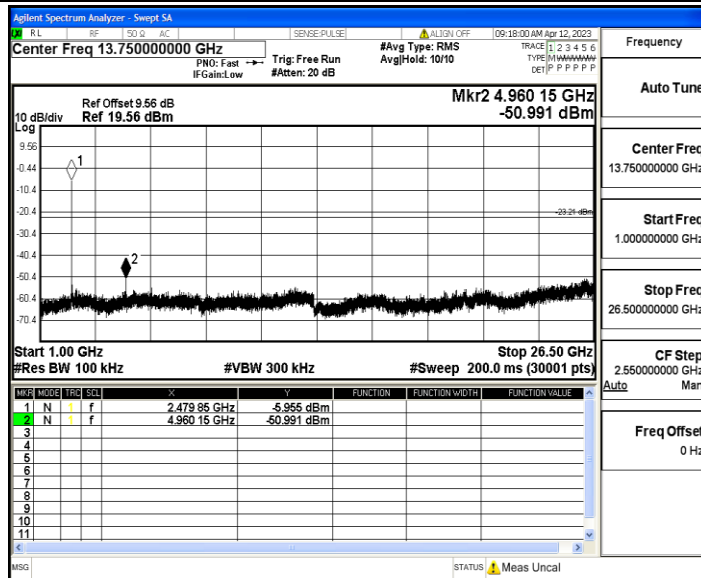
DH5_Ant1_2441_1000~26500



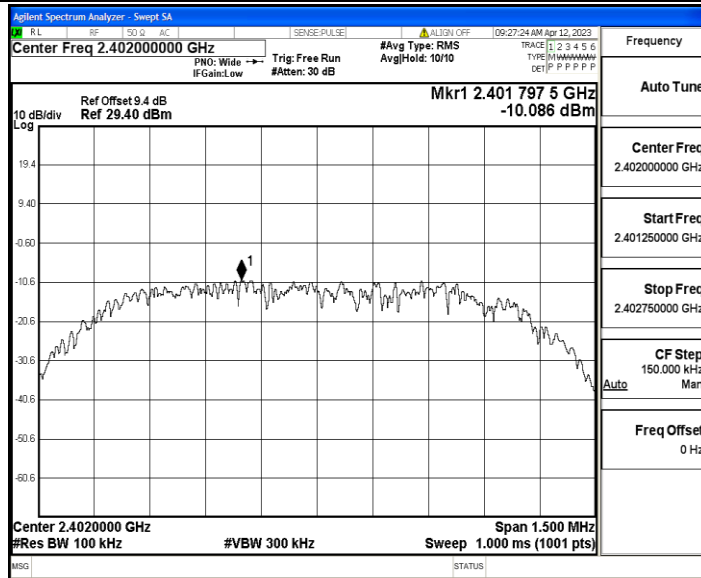
DH5_Ant1_2480_0~Reference



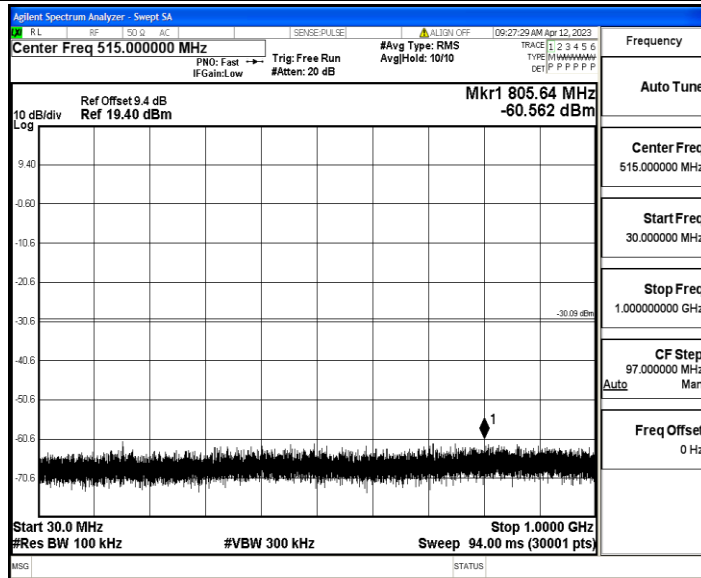
DH5_Ant1_2480_30~1000



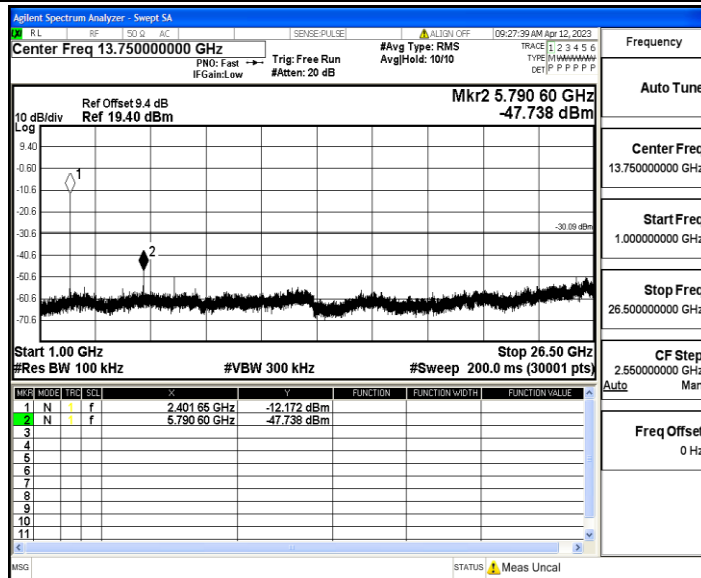
DH5_Ant1_2480_1000~26500



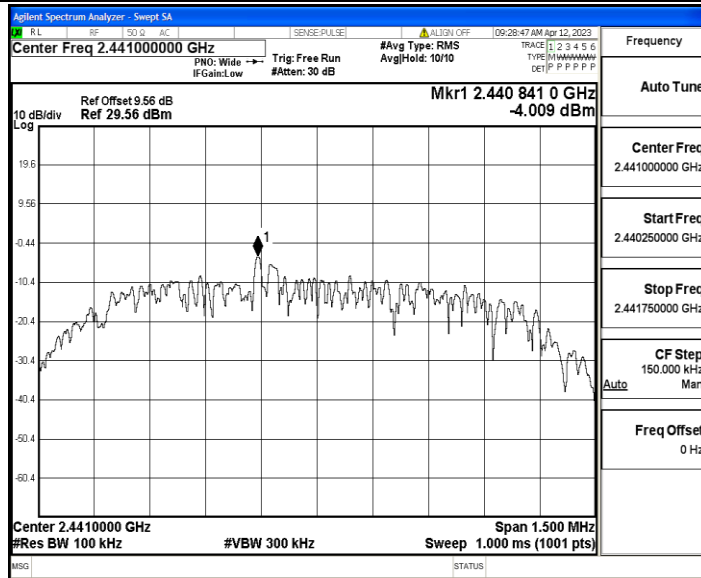
2DH5_Ant1_2402_0~Reference



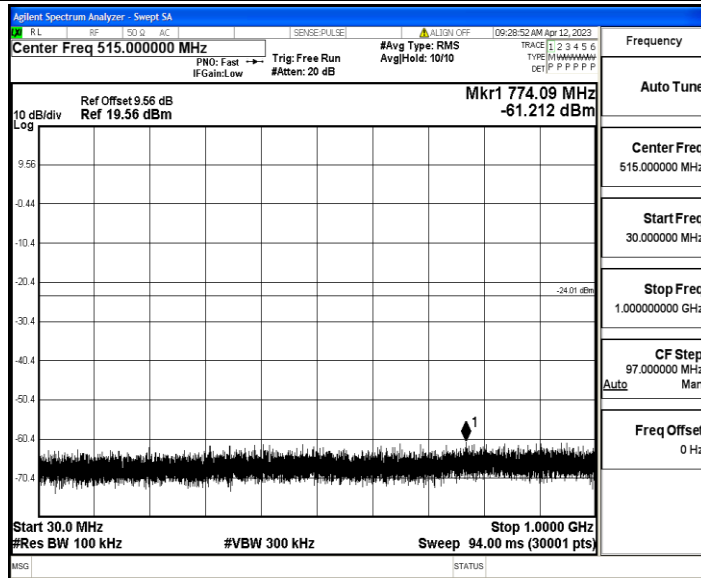
2DH5_Ant1_2402_30~1000



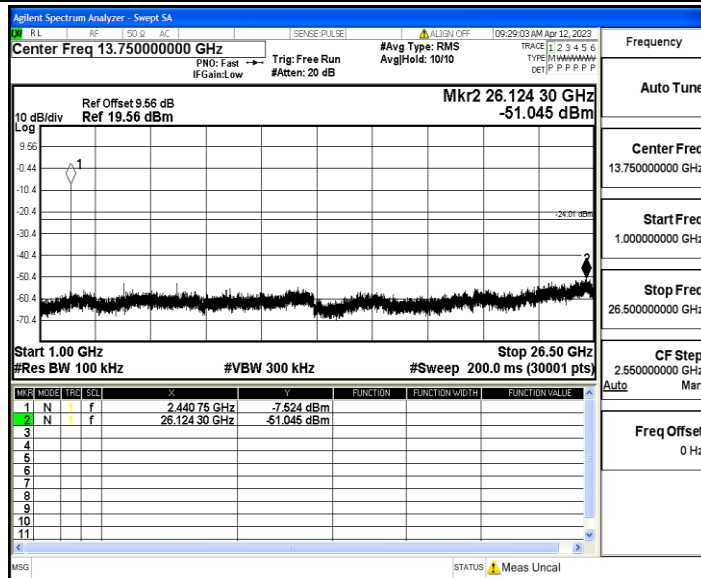
2DH5_Ant1_2402_1000~26500



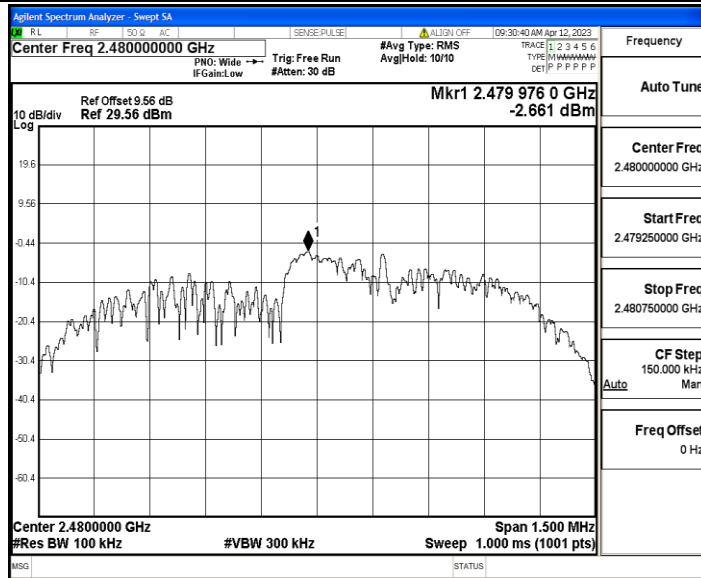
2DH5_Ant1_2441_0~Reference



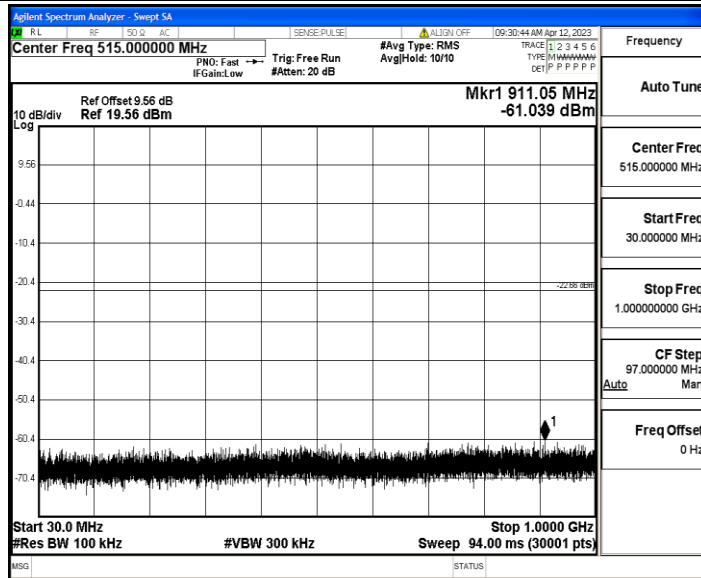
2DH5_Ant1_2441_30~1000



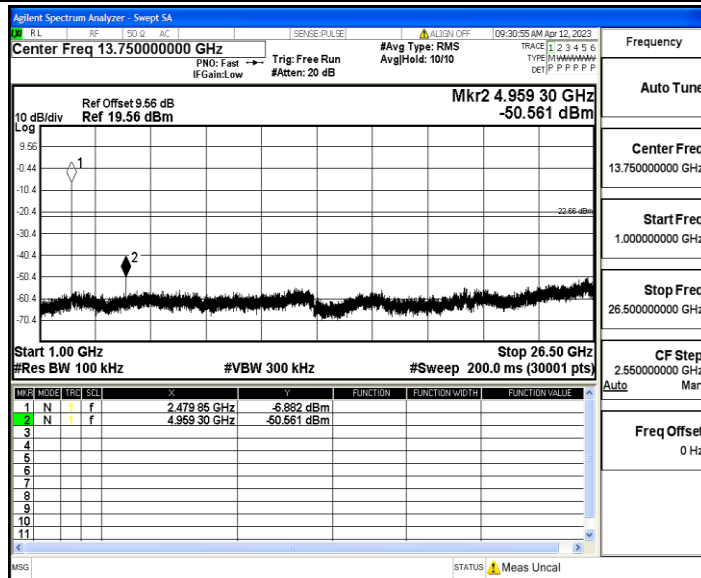
2DH5_Ant1_2441_1000~26500



2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000



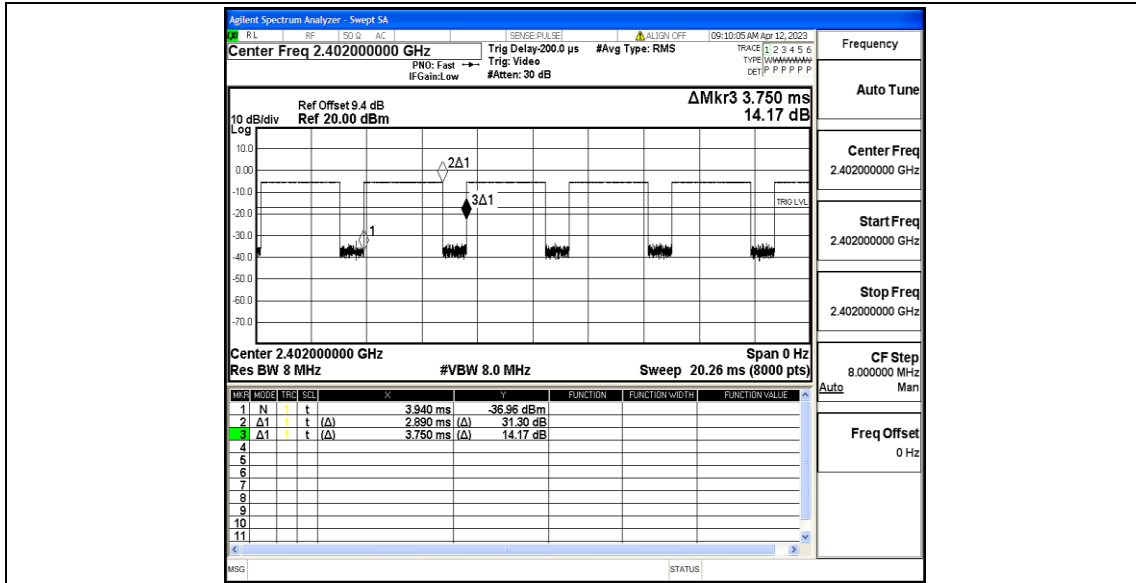
2DH5_Ant1_2480_1000~26500

Appendix I: Duty Cycle

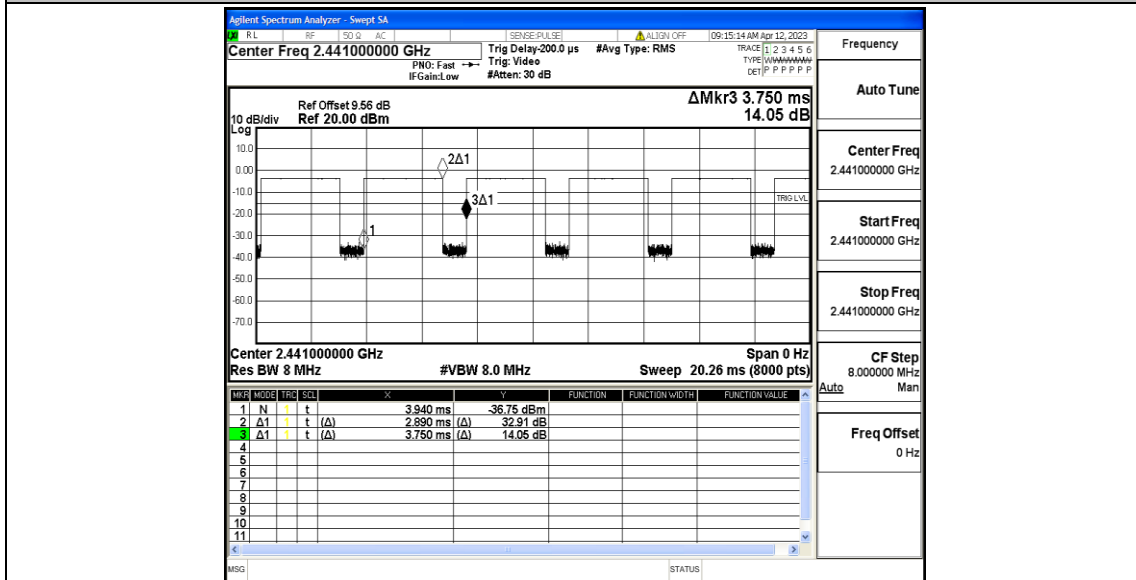
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T[kHz]
DH5	Ant1	2402	2.89	3.75	77.07	0.35
		2441	2.89	3.75	77.07	0.35
		2480	2.89	3.75	77.07	0.35
2DH5	Ant1	2402	2.89	3.75	77.07	0.35
		2441	2.90	3.75	77.33	0.34
		2480	2.89	3.75	77.07	0.35

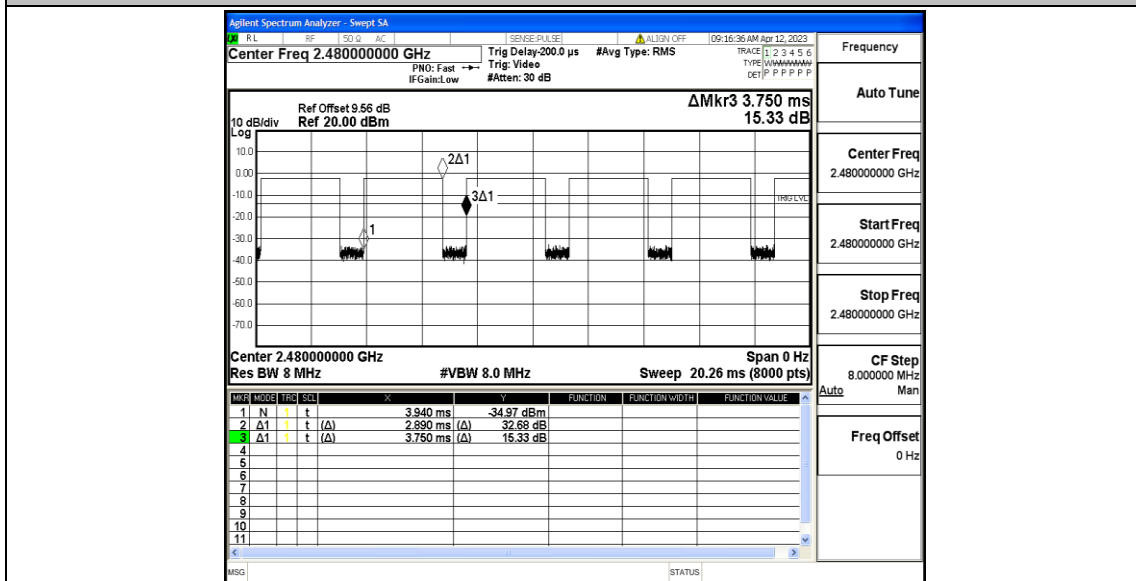
Test Graphs



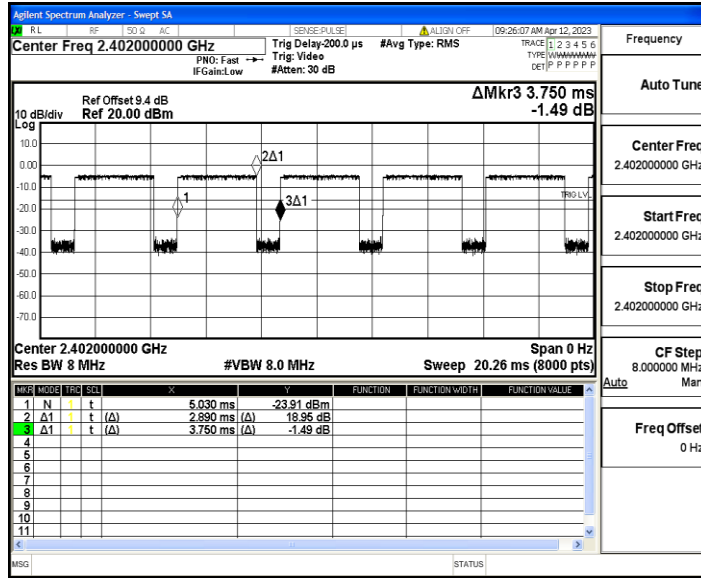
DH5_Ant1_2402



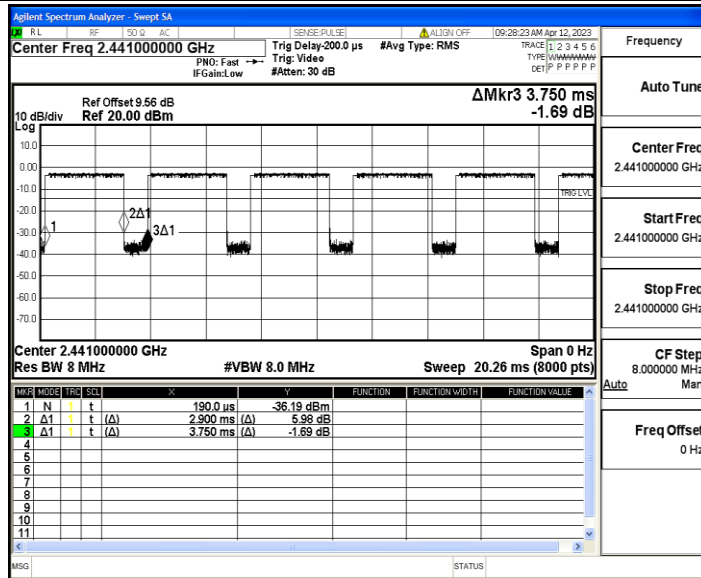
DH5_Ant1_2441



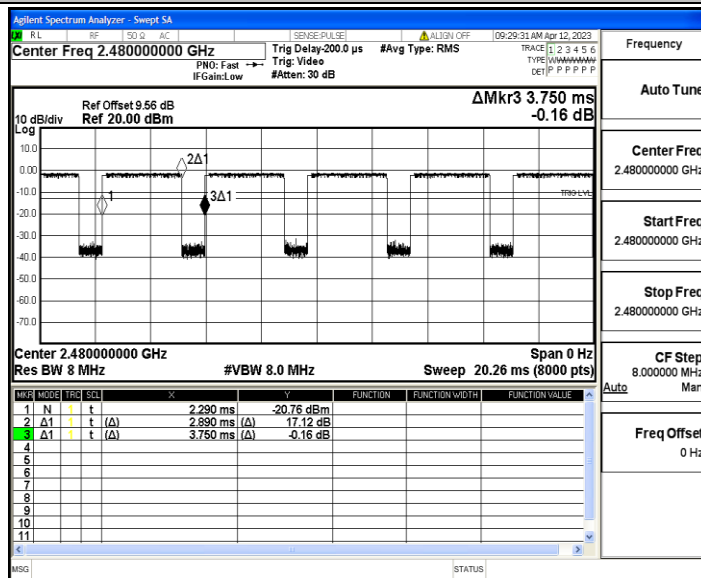
DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480

Appendix J: Emissions in Restricted Bands

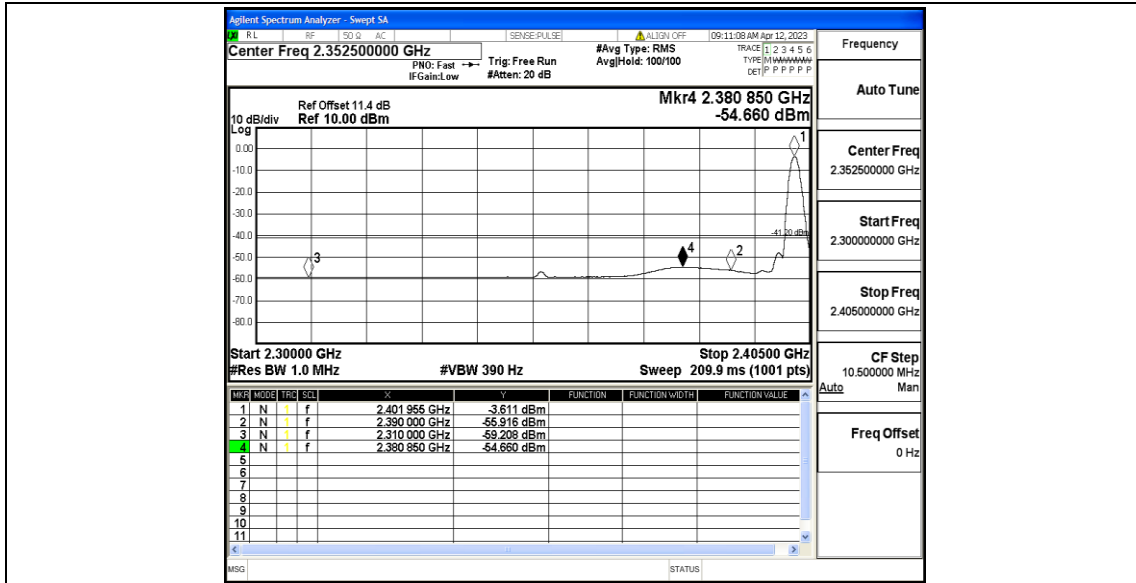
Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq(MHz)	Result(dBm)	Limit(dBm)	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-59.21	≤-41.20	PASS
				AV	2380.850	-54.66	≤-41.20	PASS
				AV	2390.000	-55.92	≤-41.20	PASS
				Peak	2310.000	-53.49	≤-21.20	PASS
				Peak	2387.780	-44.82	≤-21.20	PASS
				Peak	2390.000	-49.1	≤-21.20	PASS
		High	2480	AV	2483.500	-46.37	≤-41.20	PASS
				AV	2483.520	-46.37	≤-41.20	PASS
				AV	2500.000	-53.61	≤-41.20	PASS
				Peak	2483.500	-41.15	≤-21.20	PASS
				Peak	2483.520	-41.15	≤-21.20	PASS
				Peak	2500.000	-46.98	≤-21.20	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-59.1	≤-41.20	PASS
				AV	2380.850	-54.48	≤-41.20	PASS
				AV	2390.000	-55.91	≤-41.20	PASS
				Peak	2310.000	-52.12	≤-21.20	PASS
				Peak	2384.420	-45.28	≤-21.20	PASS
				Peak	2390.000	-49.55	≤-21.20	PASS
		High	2480	AV	2483.500	-48.47	≤-41.20	PASS
				AV	2483.520	-48.47	≤-41.20	PASS
				AV	2500.000	-53.59	≤-41.20	PASS
				Peak	2483.500	-42.58	≤-21.20	PASS
				Peak	2483.600	-42.53	≤-21.20	PASS
				Peak	2500.000	-45.98	≤-21.20	PASS

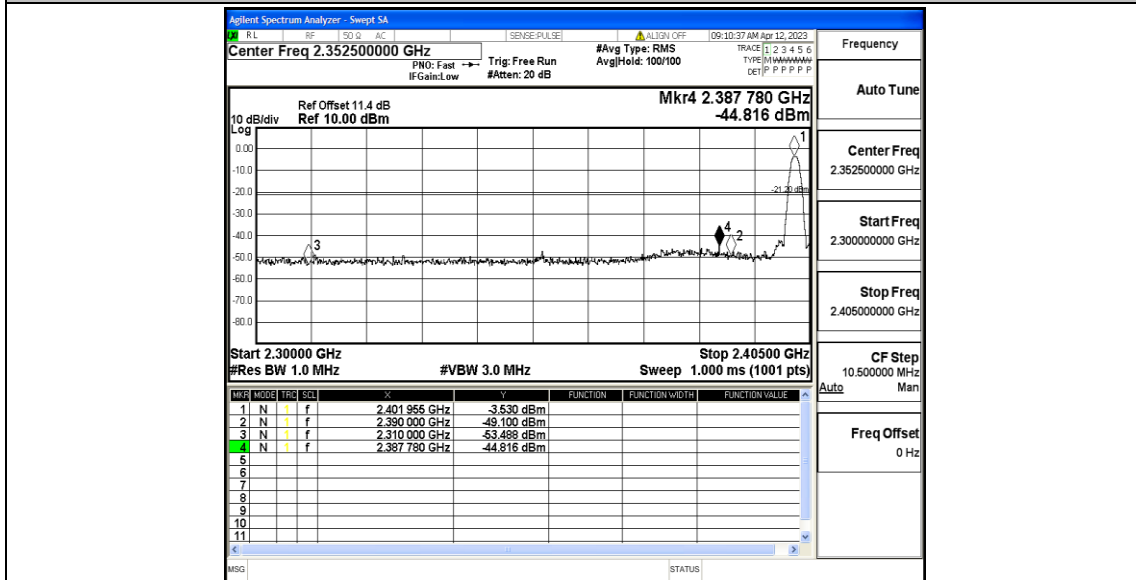
Note:

1. The Antenna Gain is compensated in the graph with 2dBi and Antenna Gain which is Higher.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

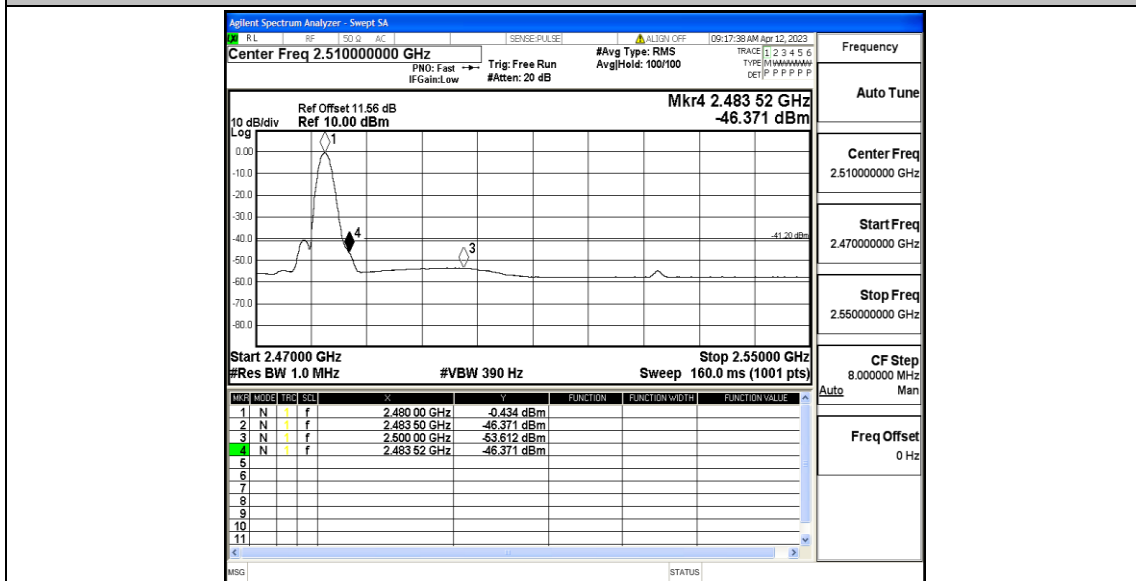
Test Graphs



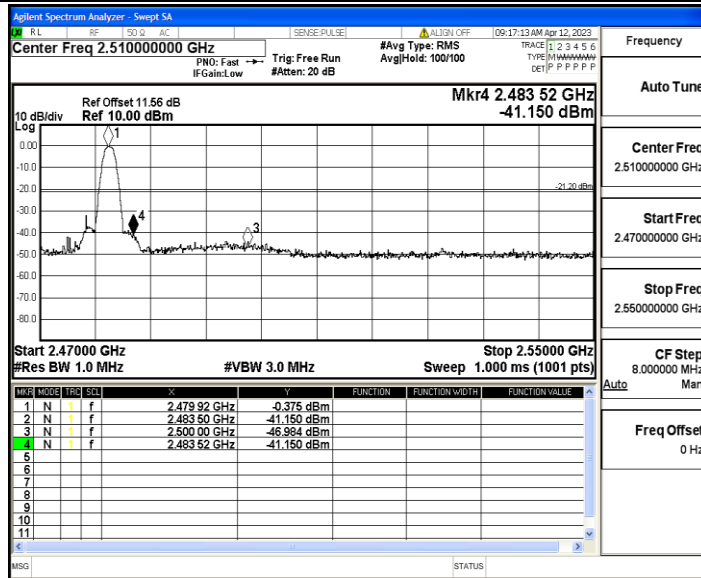
DH5_Ant1_Low_2402_AV



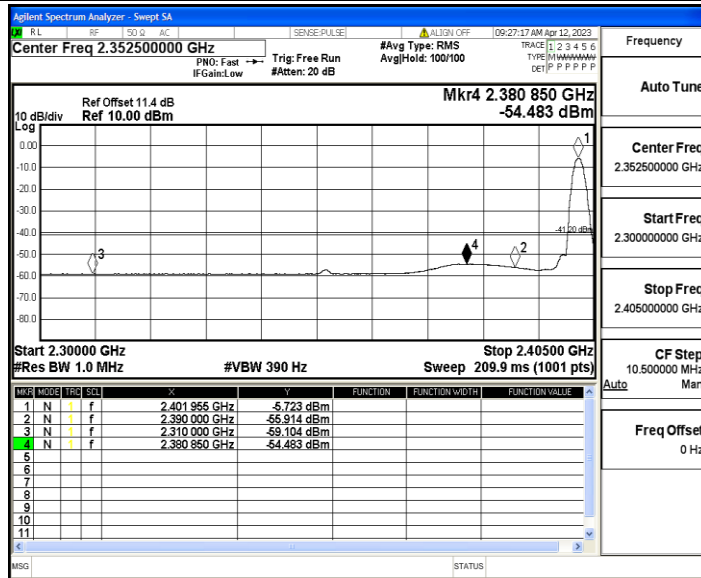
DH5_Ant1_Low_2402_Peak



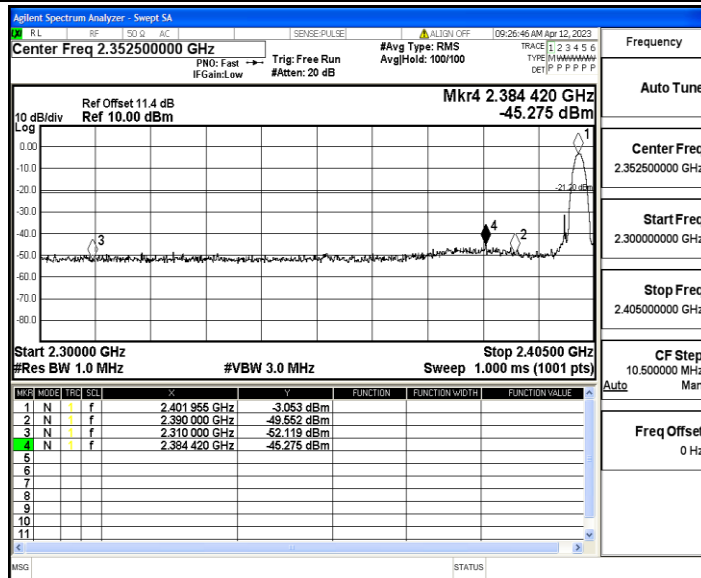
DH5_Ant1_High_2480_AV



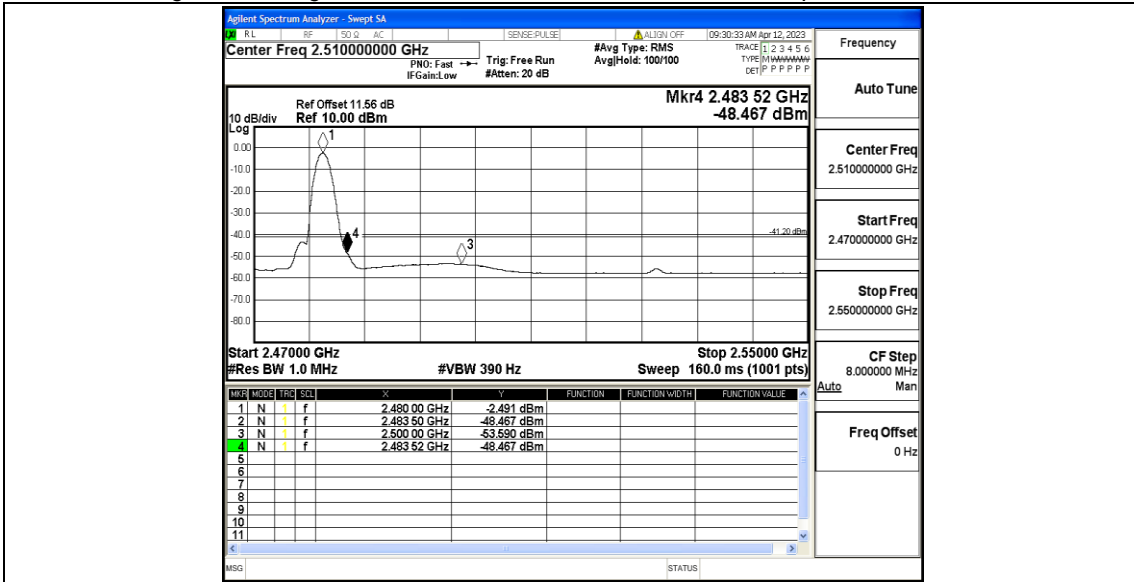
DH5_Ant1_High_2480_Peak



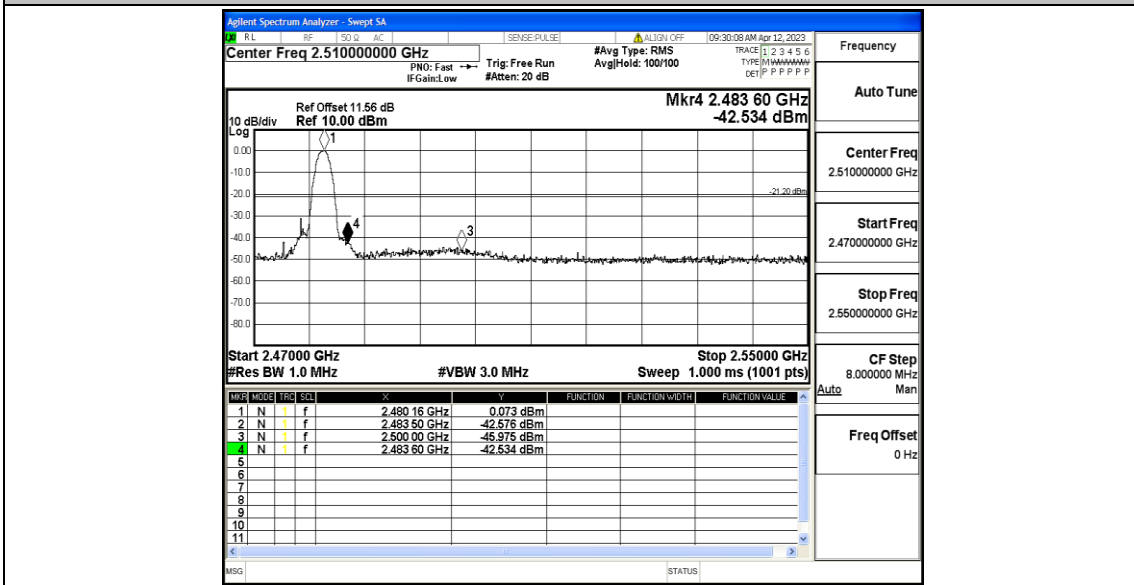
2DH5_Ant1_Low_2402_AV



2DH5_Ant1_Low_2402_Peak



2DH5_Ant1_High_2480_AV



2DH5_Ant1_High_2480_Peak