

Appendix Test Data for BT(BDR/EDR) (Conducted Measurement)**Product Name: 4K OTT BOX****Trade Mark: N/A****Test Model: SN6BKHE****FCC ID: 2AOVU-SN6BKHE****Environmental Conditions**

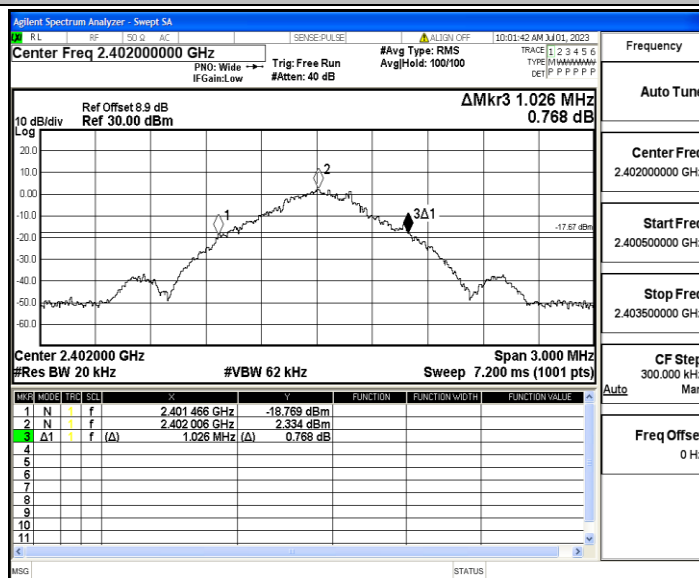
Temperature:	25.5°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

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

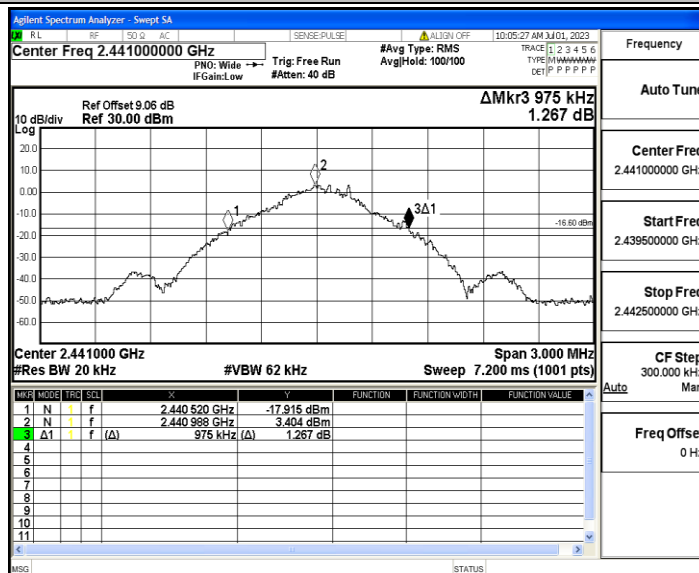
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.026	2401.466	2402.492	---	---
		2441	0.975	2440.520	2441.495	---	---
		2480	0.969	2479.526	2480.495	---	---
2DH5	Ant1	2402	1.272	2401.367	2402.639	---	---
		2441	1.287	2440.361	2441.648	---	---
		2480	1.305	2479.358	2480.663	---	---
3DH5	Ant1	2402	1.296	2401.352	2402.648	---	---
		2441	1.272	2440.364	2441.636	---	---
		2480	1.278	2479.367	2480.645	---	---

Test Graphs

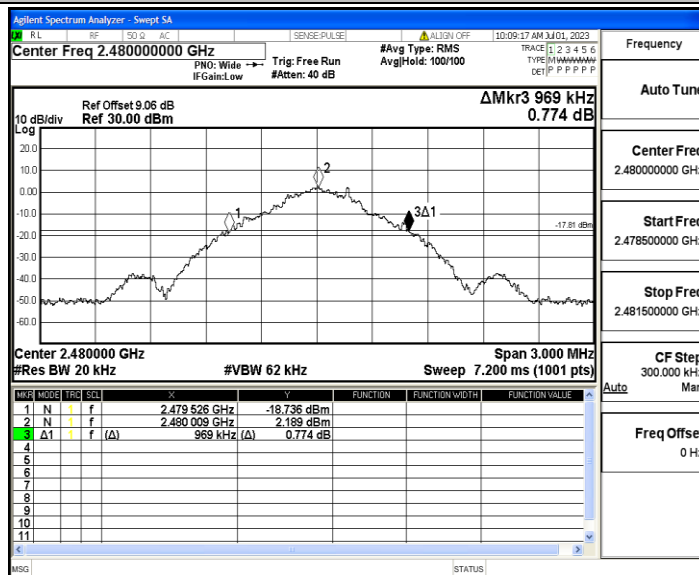
DH5_Ant1_2402



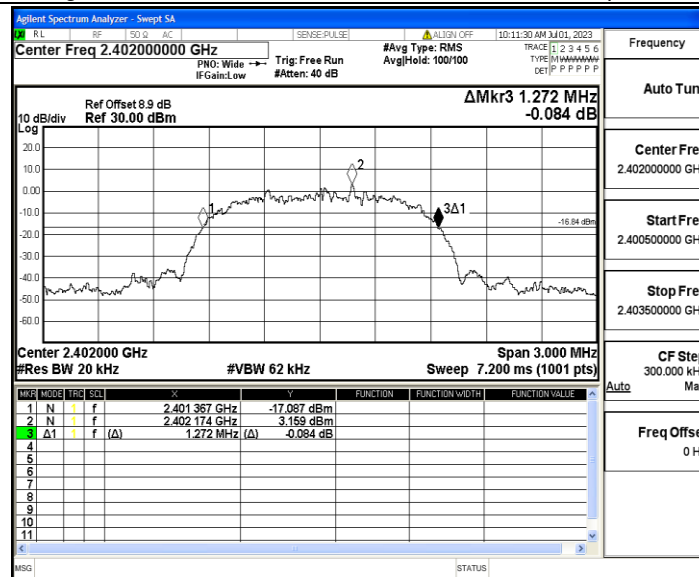
DH5_Ant1_2441



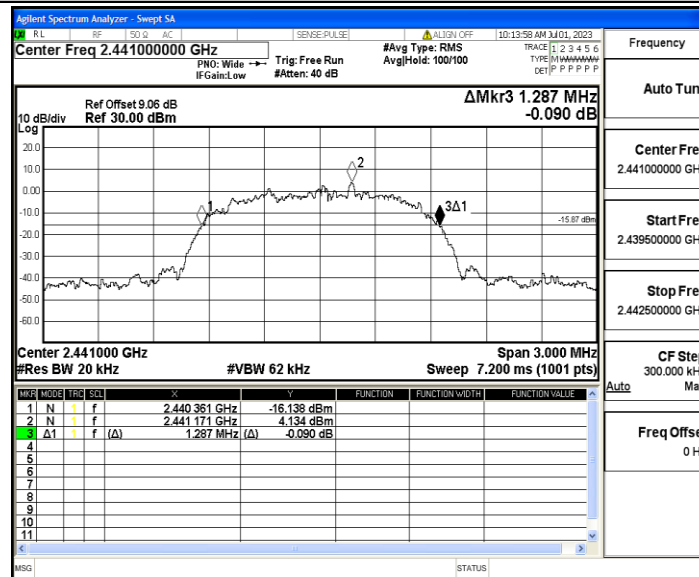
DH5_Ant1_2480



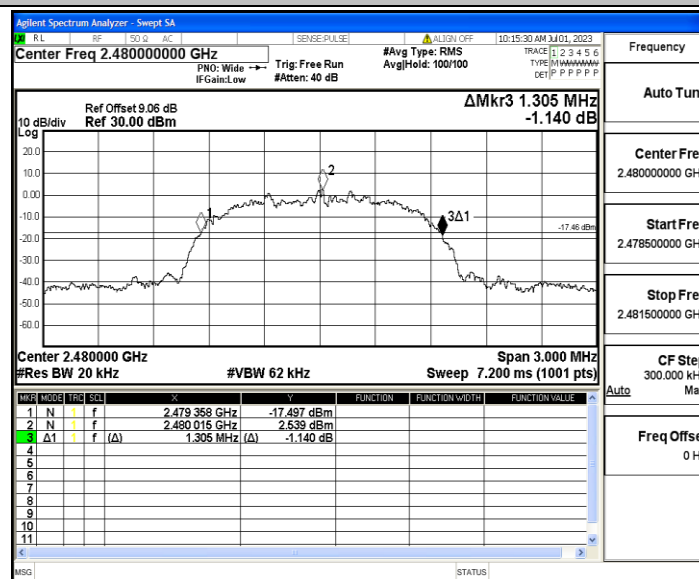
2DH5_Ant1_2402



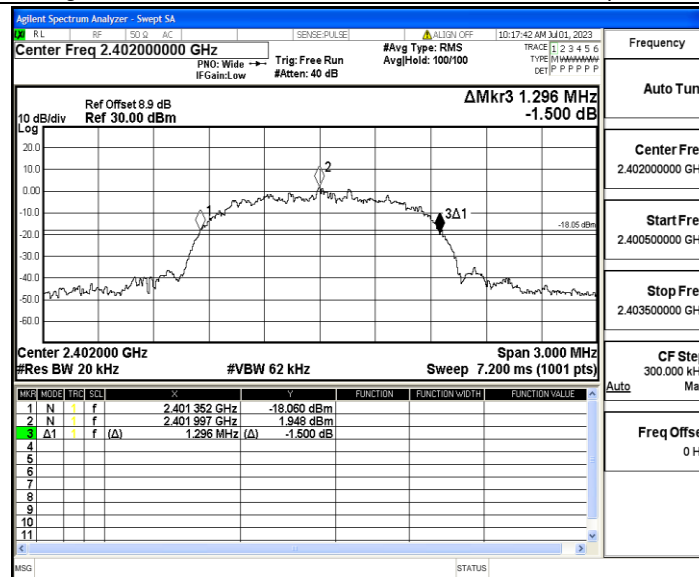
2DH5_Ant1_2441



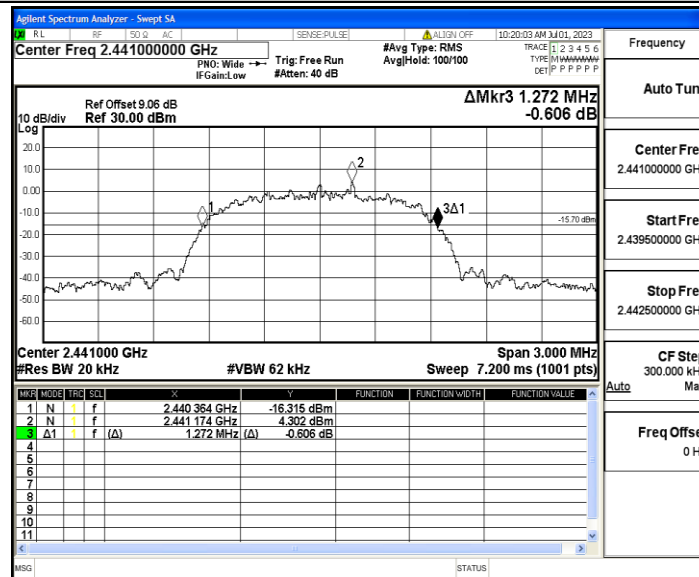
2DH5_Ant1_2480



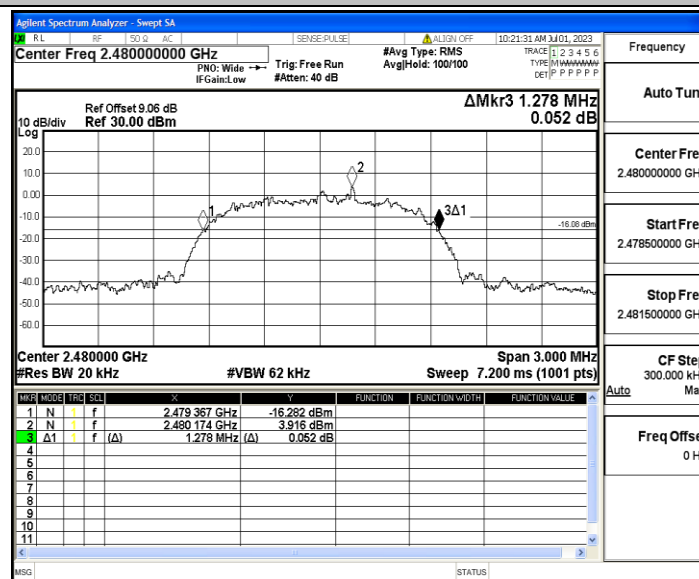
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



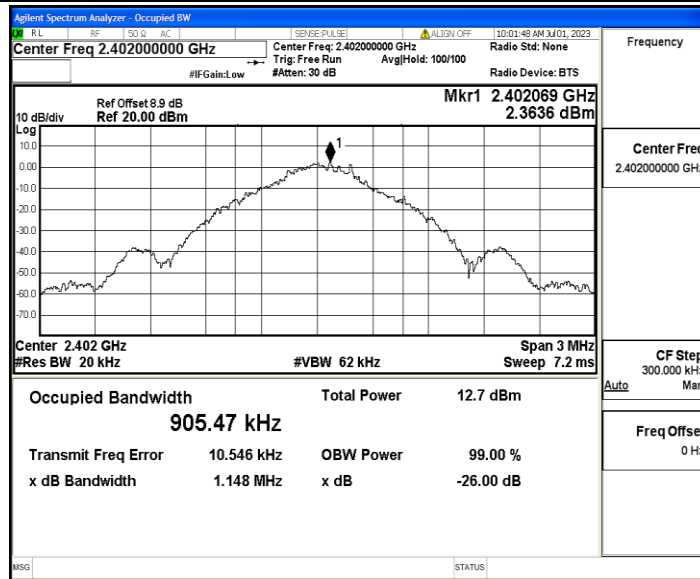
Appendix B: Occupied Channel Bandwidth

Test Result

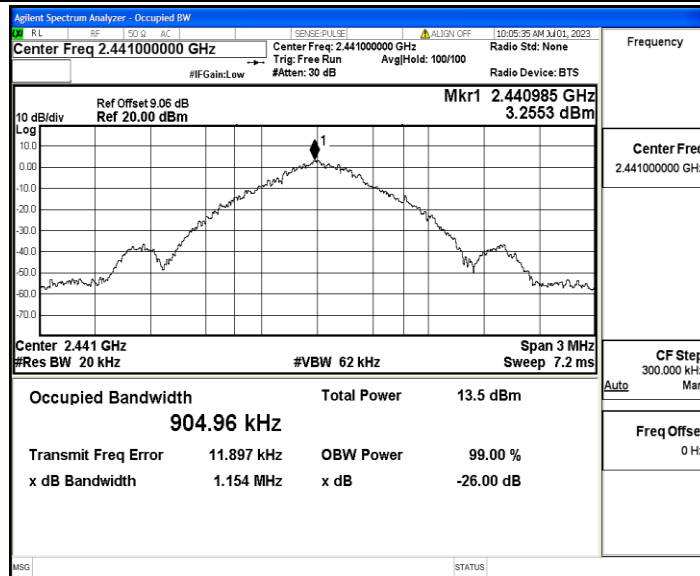
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.90547	2401.5578	2402.4633	---	---
		2441	0.90496	2440.5594	2441.4644	---	---
		2480	0.90685	2479.5546	2480.4615	---	---
2DH5	Ant1	2402	1.1762	2401.4195	2402.5957	---	---
		2441	1.1767	2440.4152	2441.5919	---	---
		2480	1.1807	2479.4105	2480.5912	---	---
3DH5	Ant1	2402	1.1739	2401.4180	2402.5919	---	---
		2441	1.1783	2440.4146	2441.5929	---	---
		2480	1.1742	2479.4199	2480.5941	---	---

Test Graphs

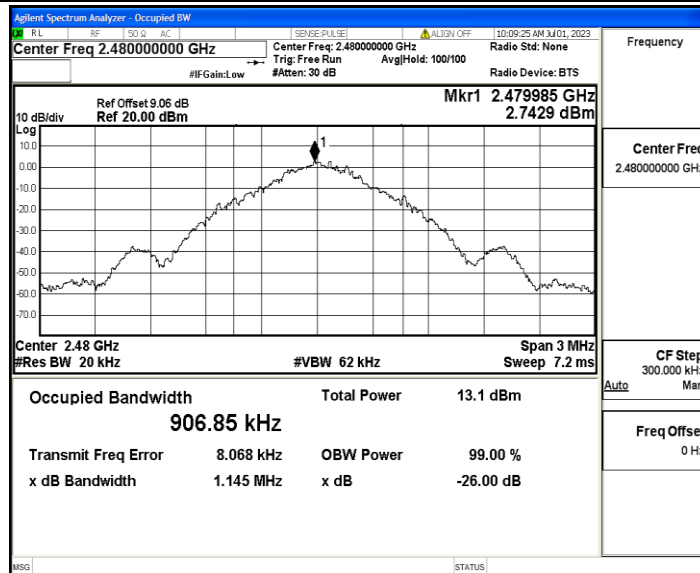
DH5_Ant1_2402



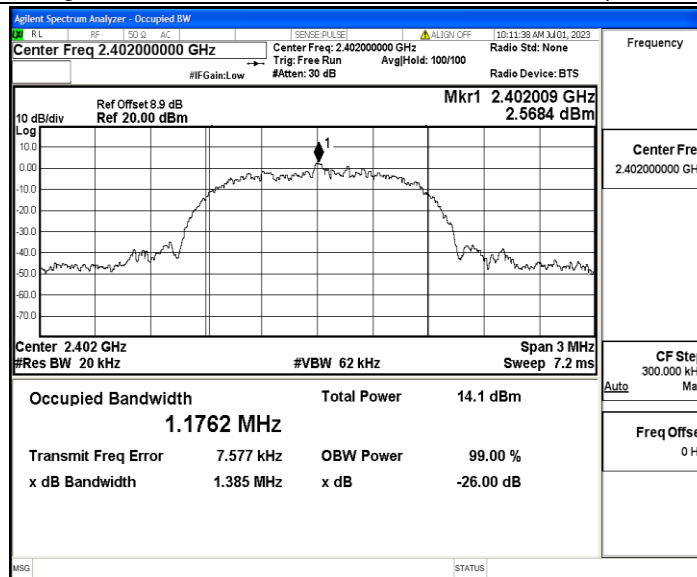
DH5_Ant1_2441



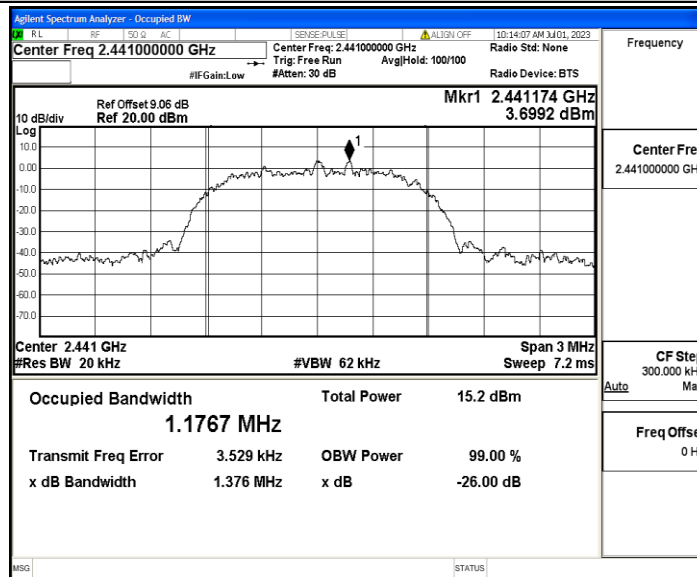
DH5_Ant1_2480



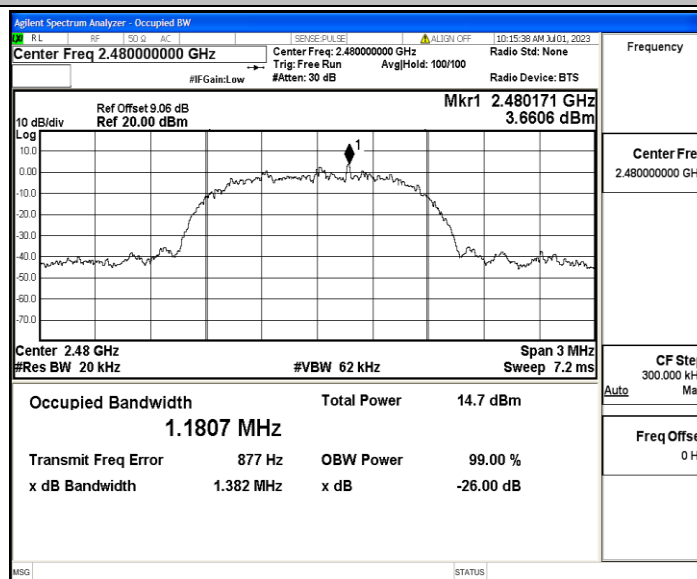
2DH5_Ant1_2402



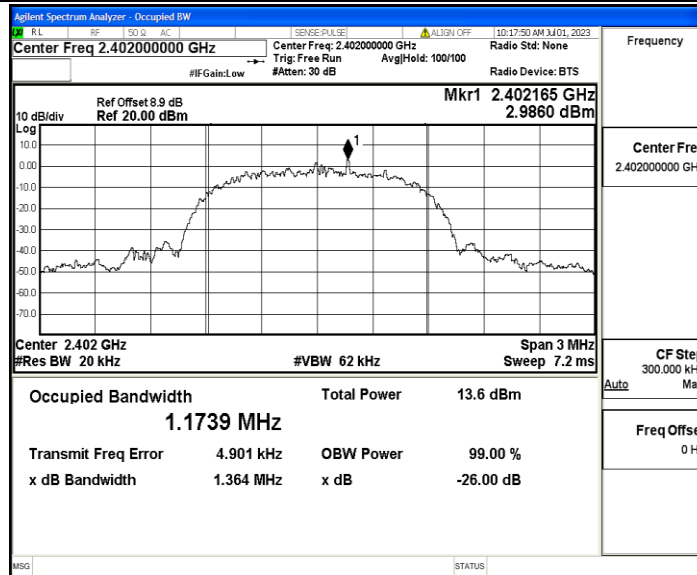
2DH5_Ant1_2441



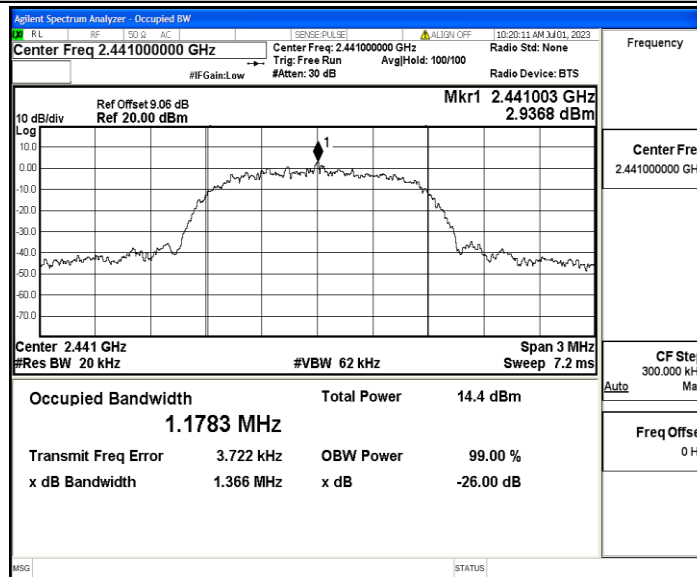
2DH5_Ant1_2480



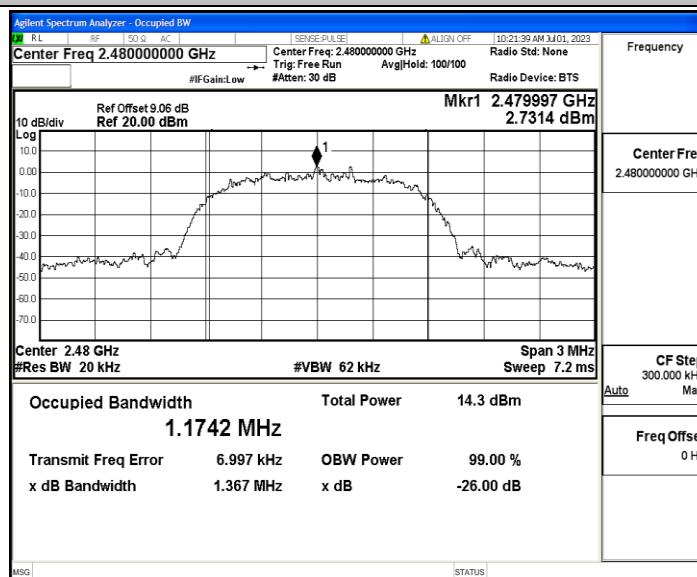
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



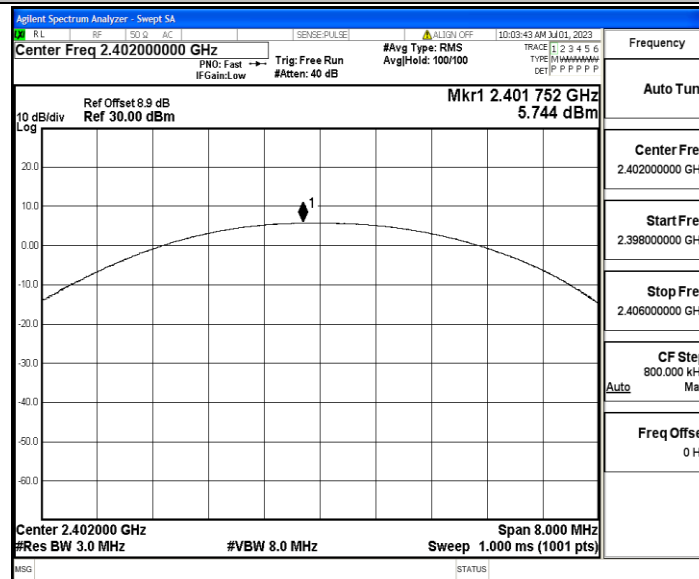
Appendix C: Maximum Peak conducted output power

Test Result

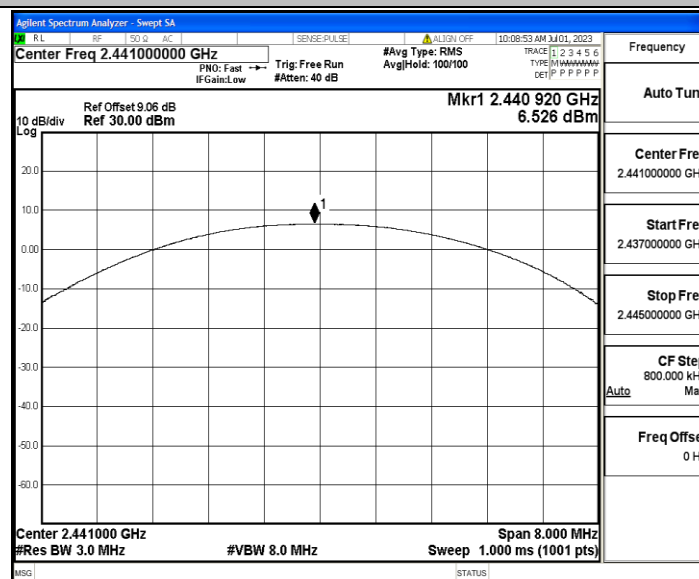
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	5.74	≤30.00	PASS
		2441	6.53	≤30.00	PASS
		2480	6.43	≤30.00	PASS
2DH5	Ant1	2402	8.75	≤20.97	PASS
		2441	9.66	≤20.97	PASS
		2480	8.85	≤20.97	PASS
3DH5	Ant1	2402	8.93	≤20.97	PASS
		2441	9.8	≤20.97	PASS
		2480	9.28	≤20.97	PASS

Test Graphs

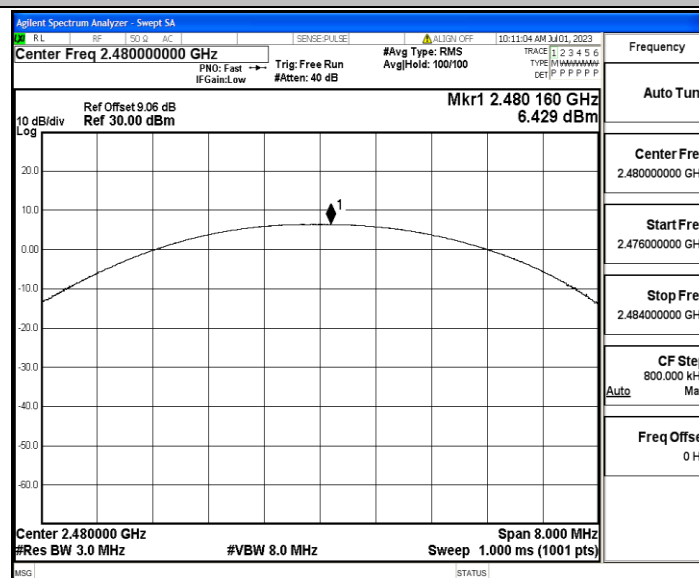
DH5_Ant1_2402



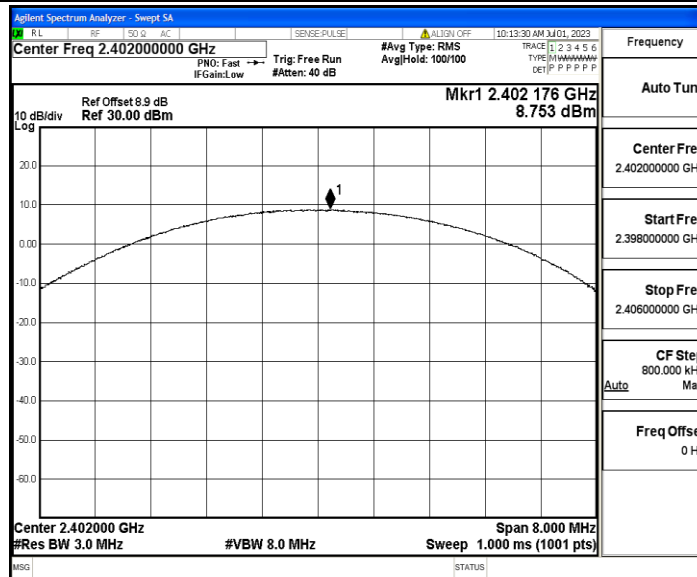
DH5_Ant1_2441



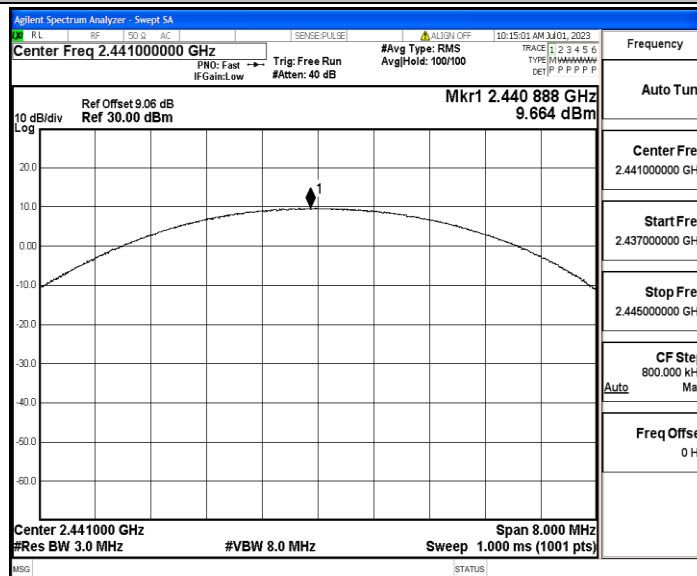
DH5_Ant1_2480



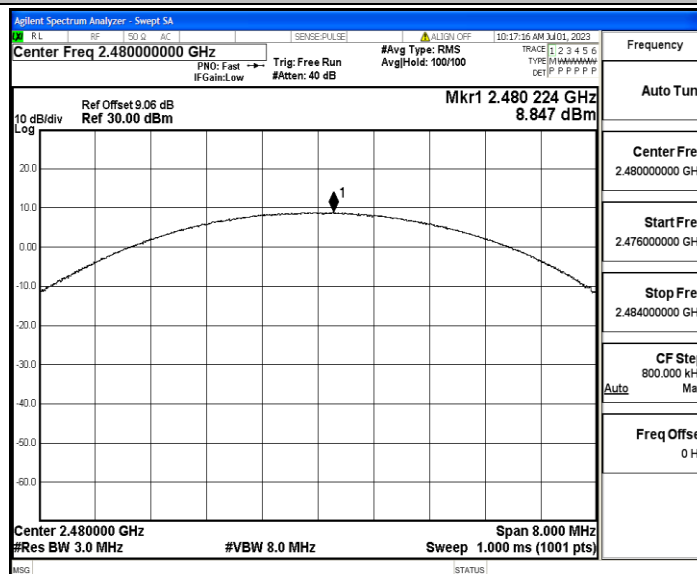
2DH5_Ant1_2402



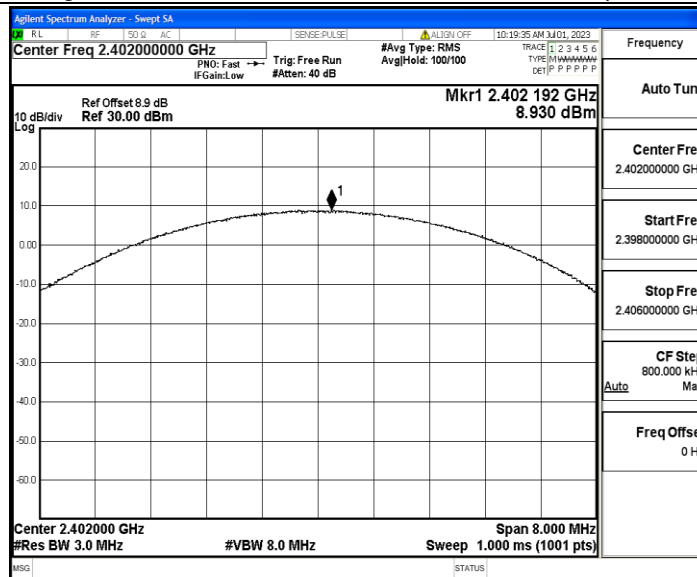
2DH5_Ant1_2441



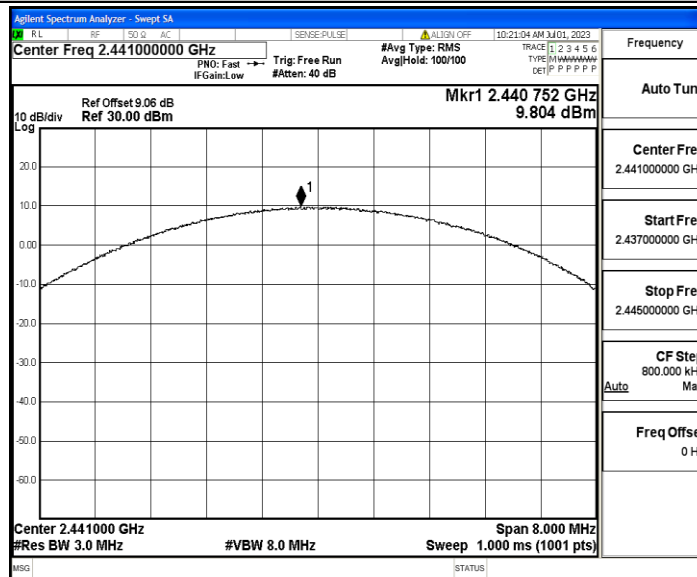
2DH5_Ant1_2480



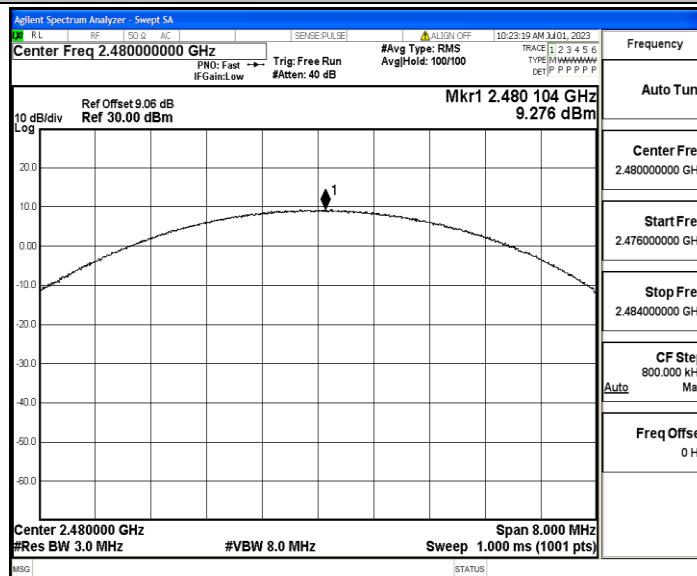
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

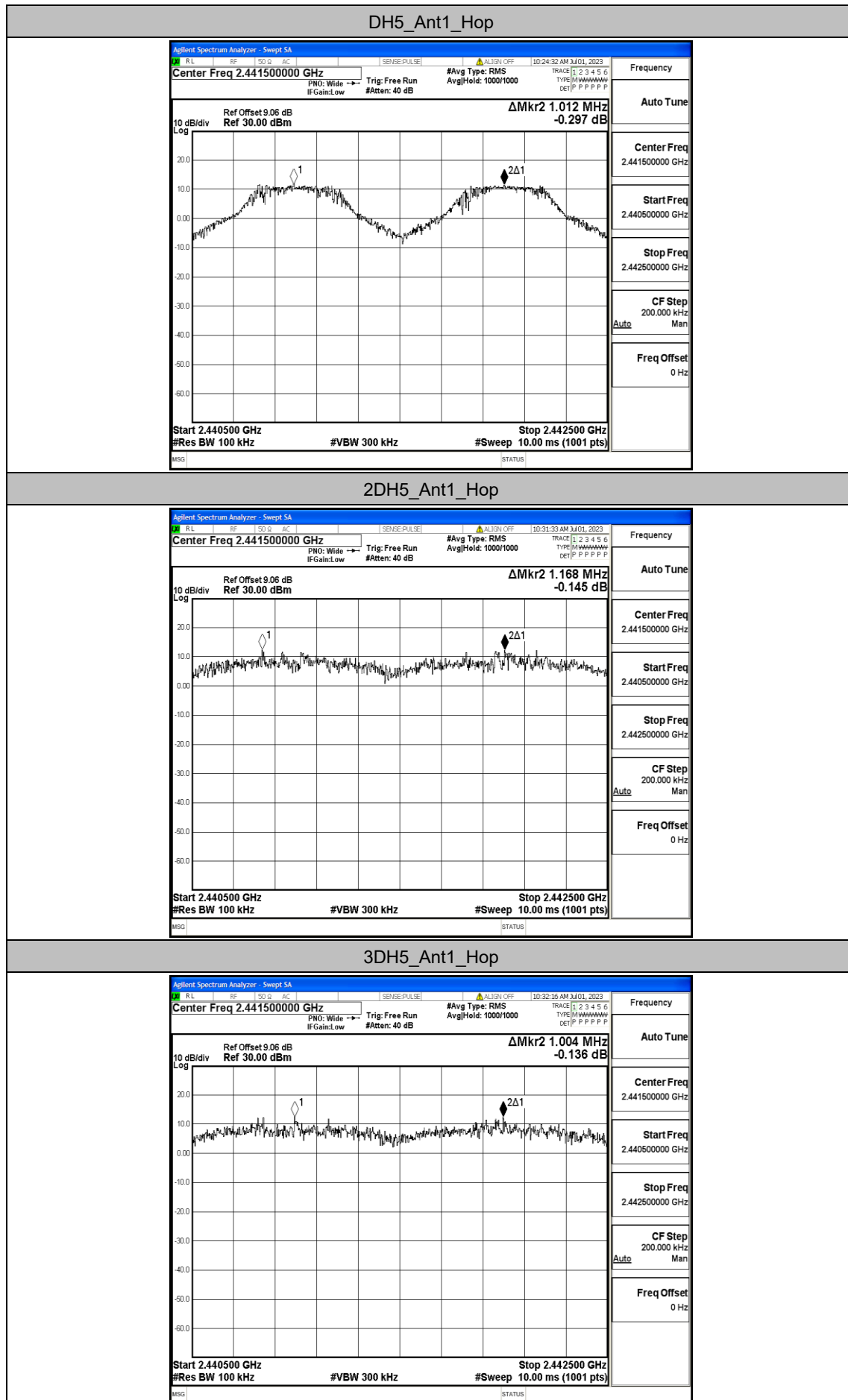


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.012	≥ 0.684	PASS
2DH5	Ant1	Hop	1.168	≥ 0.870	PASS
3DH5	Ant1	Hop	1.004	≥ 0.864	PASS

Test Graphs

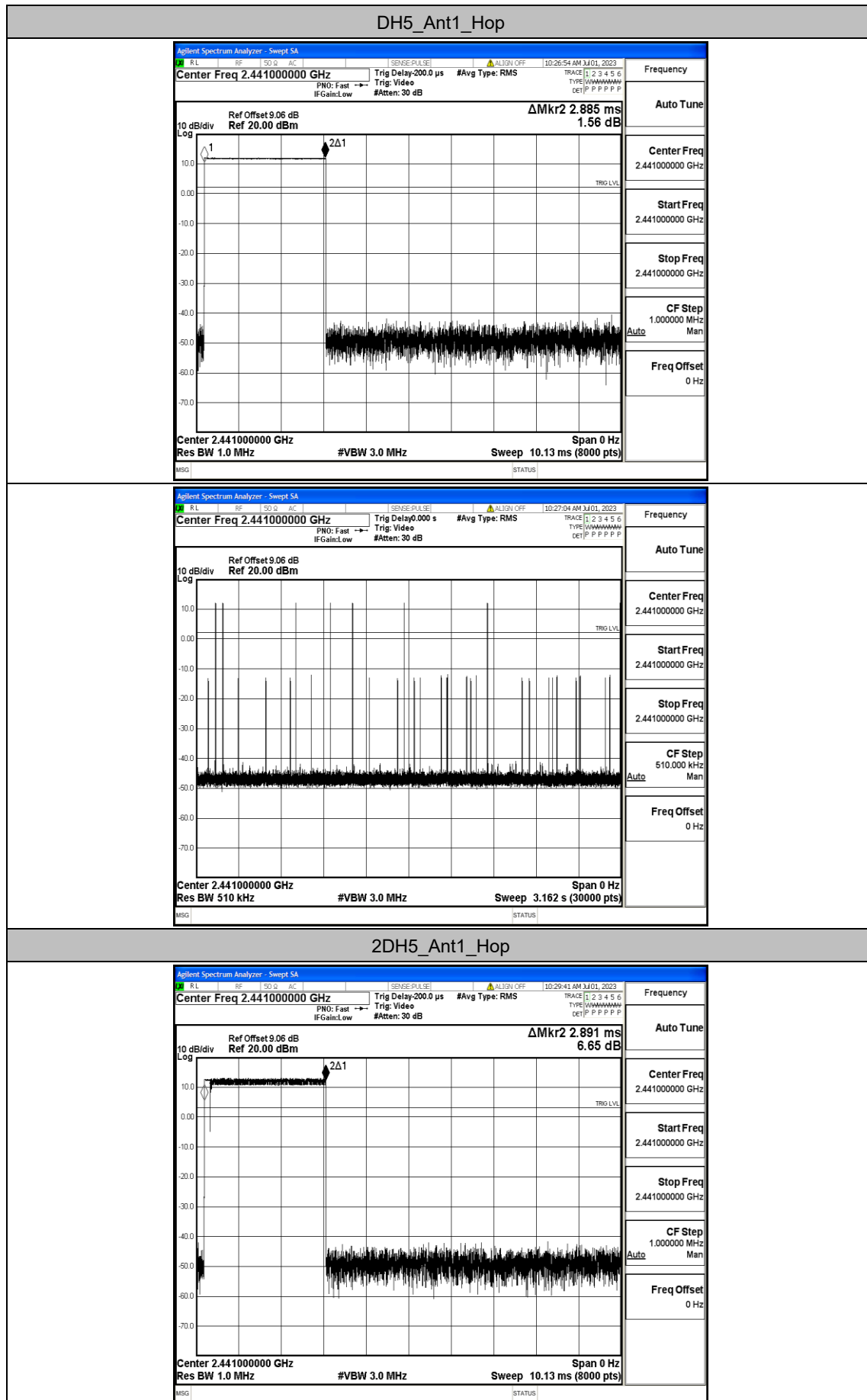


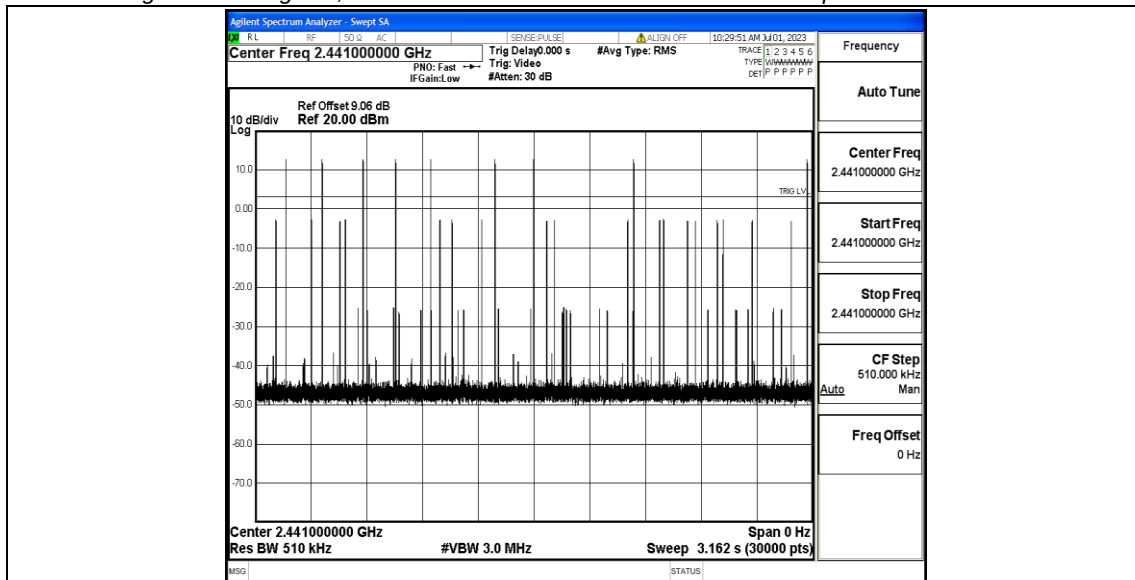
Appendix E: Time of occupancy

Test Result

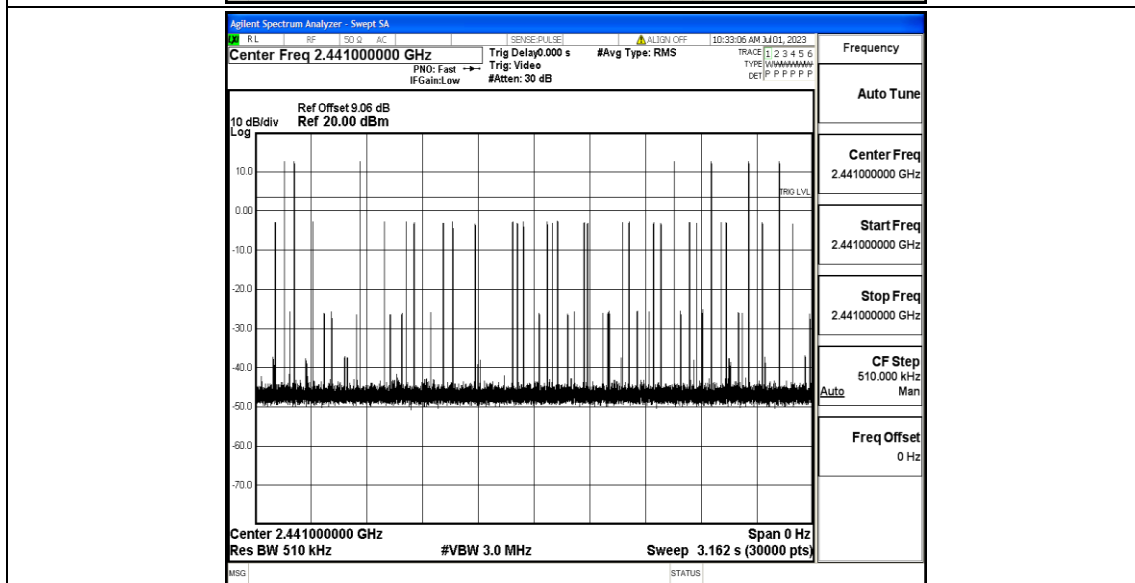
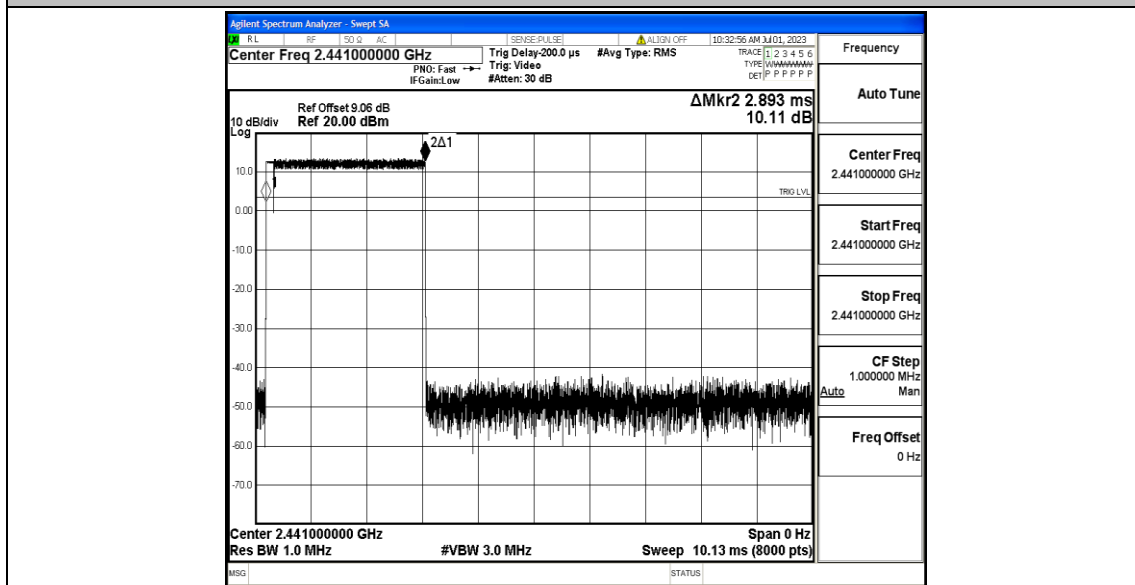
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.885	90	0.26	≤0.4	PASS
2DH5	Ant1	Hop	2.891	100	0.289	≤0.4	PASS
3DH5	Ant1	Hop	2.893	80	0.231	≤0.4	PASS

Test Graphs





3DH5_Ant1_Hop

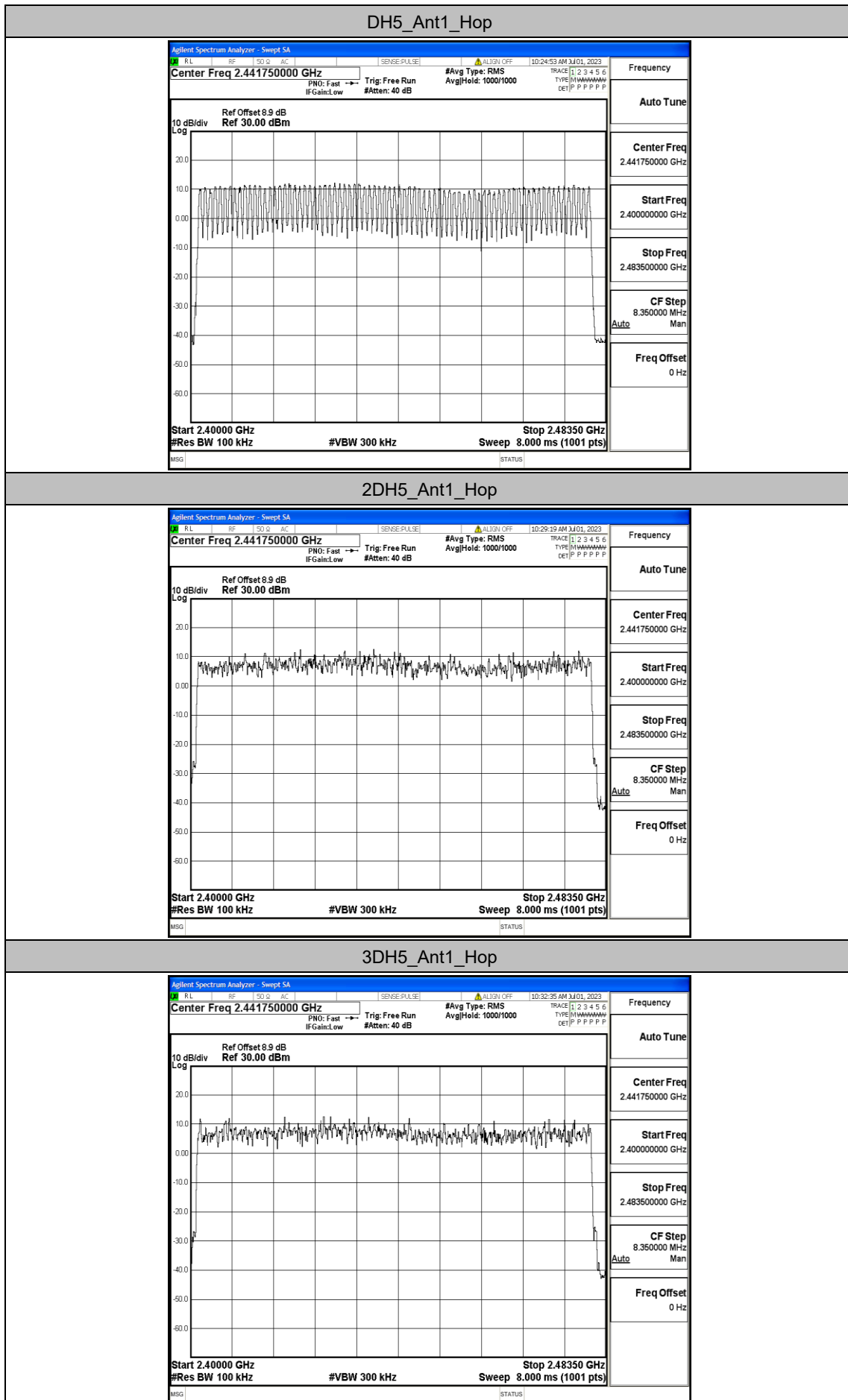


Appendix F: Number of hopping channels

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



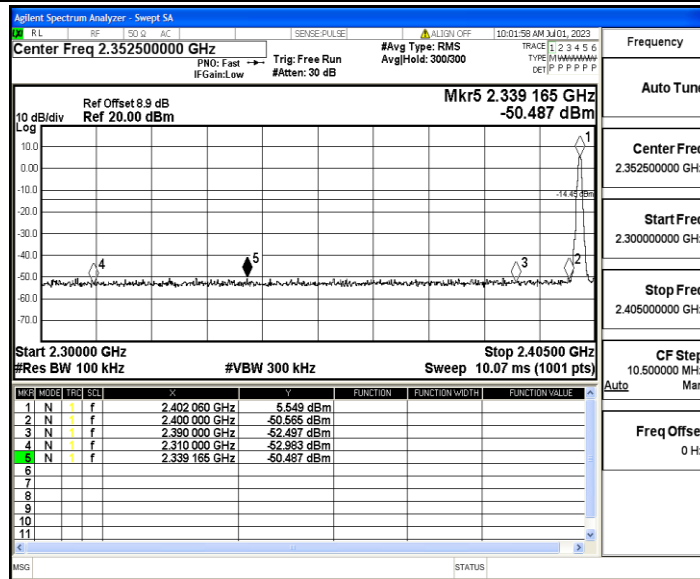
Appendix G: Band edge measurements

Test Result

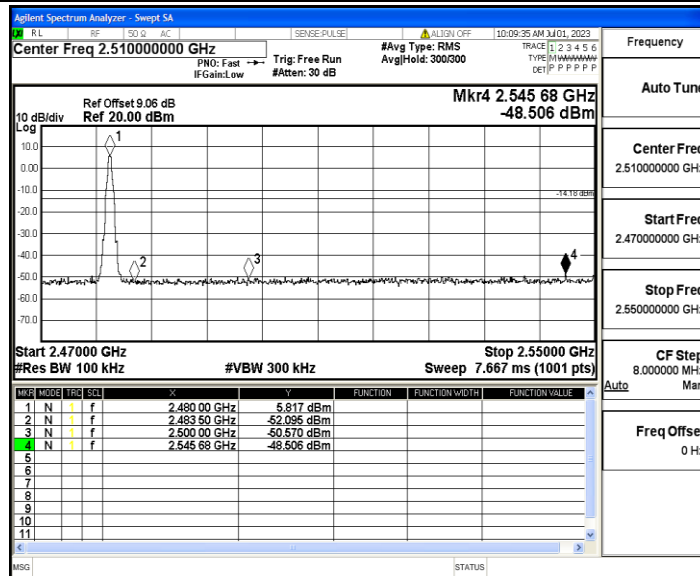
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	5.55	-50.49	≤ -14.45	PASS
		High	2480	5.82	-48.51	≤ -14.18	PASS
		Low	Hop_2402	9.75	-50.67	≤ -10.26	PASS
		High	Hop_2480	11.70	-49.23	≤ -8.3	PASS
2DH5	Ant1	Low	2402	6.98	-48.84	≤ -13.02	PASS
		High	2480	7.51	-49.18	≤ -12.49	PASS
		Low	Hop_2402	9.46	-50.39	≤ -10.54	PASS
		High	Hop_2480	11.45	-48.62	≤ -8.55	PASS
3DH5	Ant1	Low	2402	6.91	-49.39	≤ -13.09	PASS
		High	2480	7.43	-49.18	≤ -12.57	PASS
		Low	Hop_2402	9.68	-50.6	≤ -10.32	PASS
		High	Hop_2480	9.54	-48.44	≤ -10.46	PASS

Test Graphs

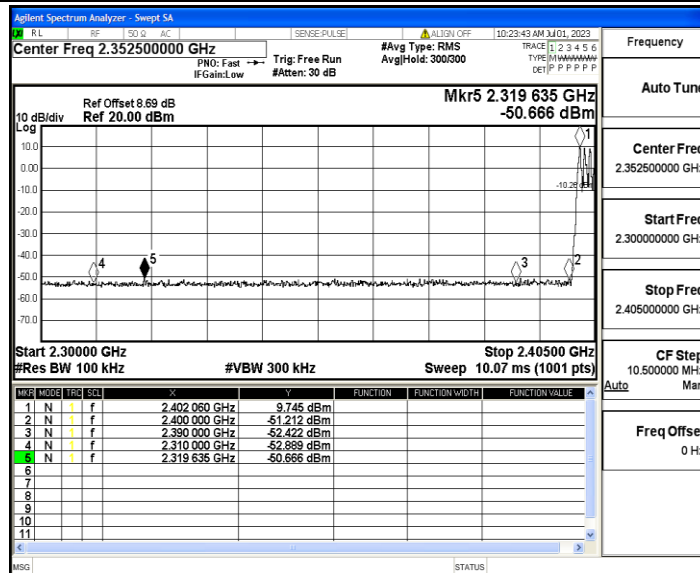
DH5_Ant1_Low_2402



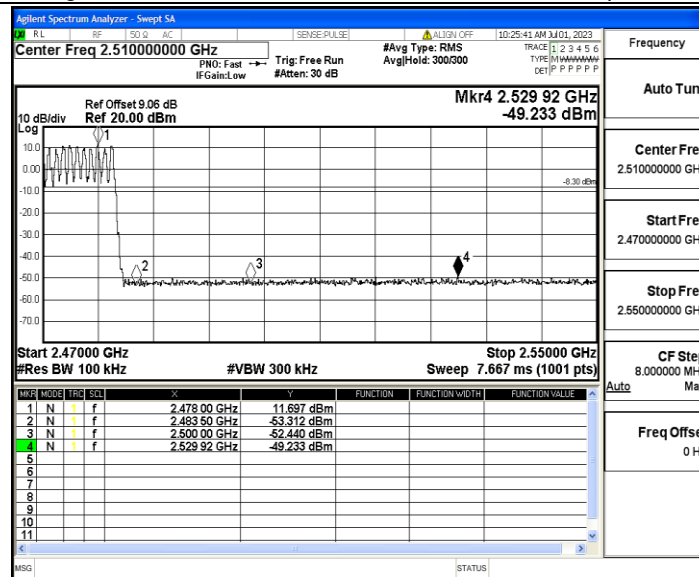
DH5_Ant1_High_2480



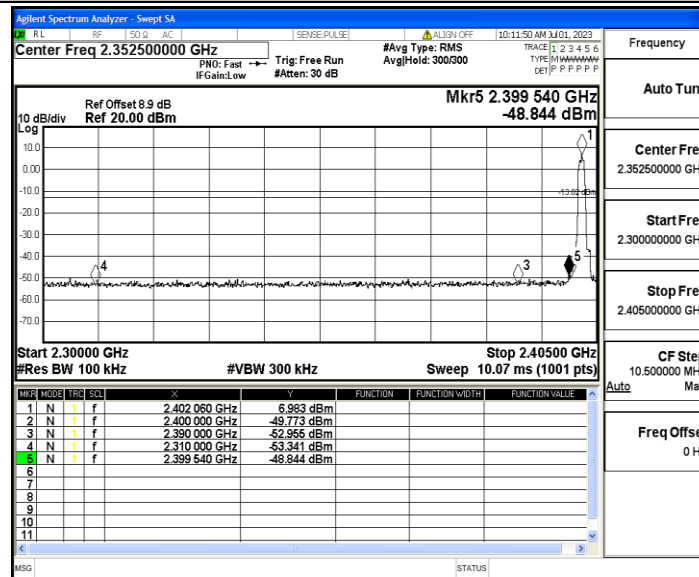
DH5_Ant1_Low_Hop_2402



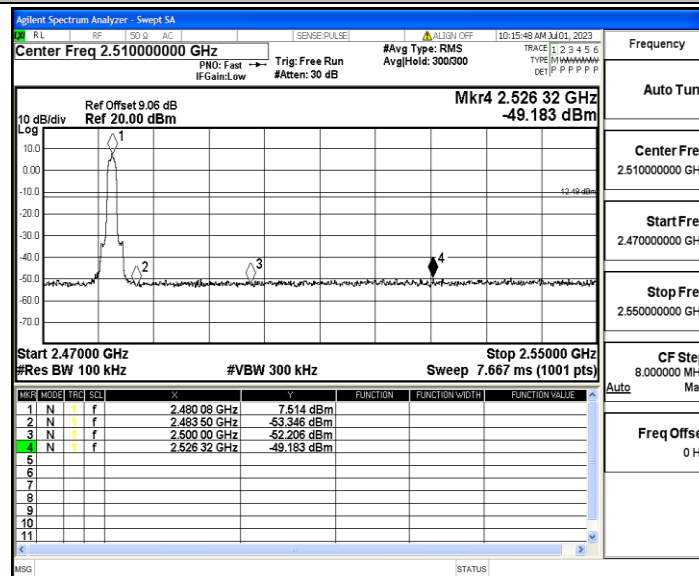
DH5_Ant1_High_Hop_2480



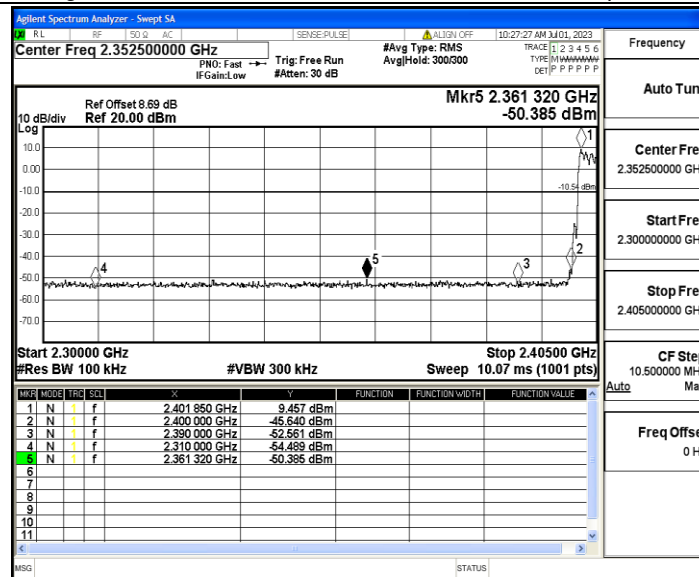
2DH5_Ant1_Low_2402



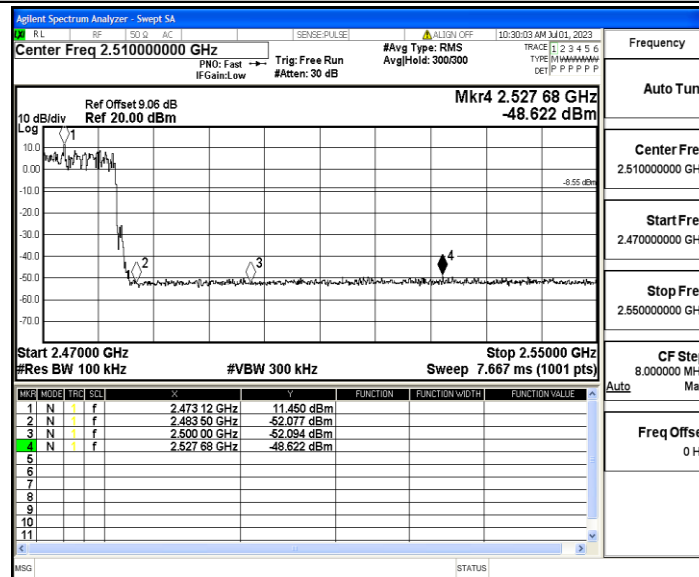
2DH5_Ant1_High_2480



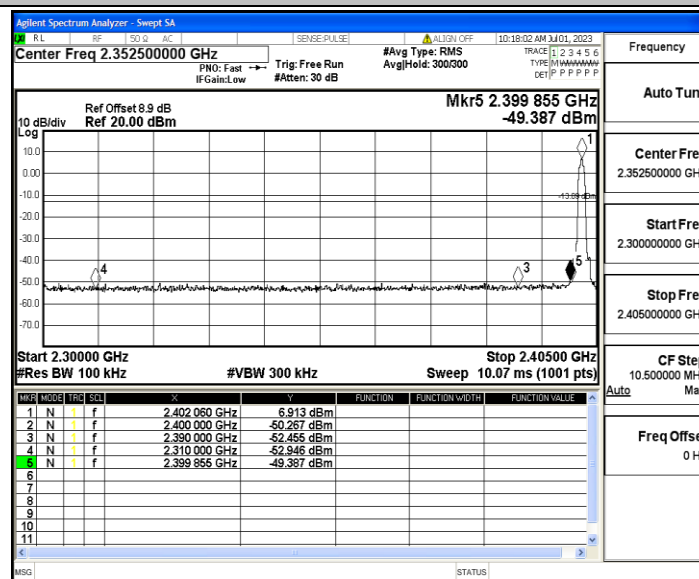
2DH5_Ant1_Low_Hop_2402



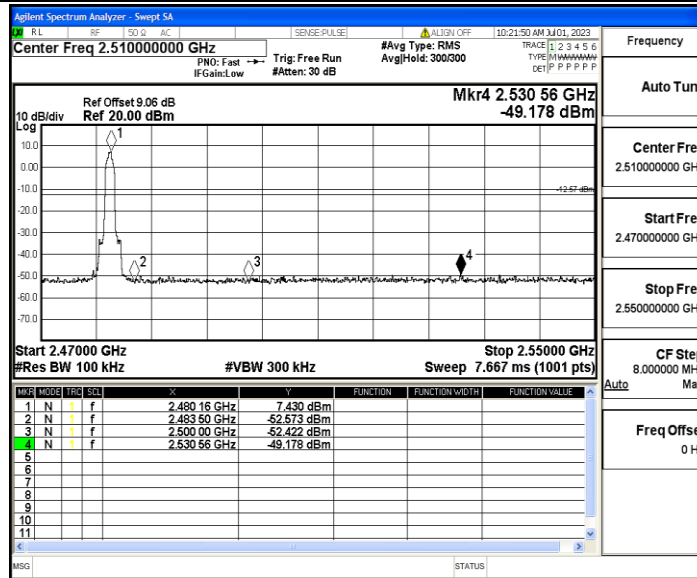
2DH5_Ant1_High_Hop_2480



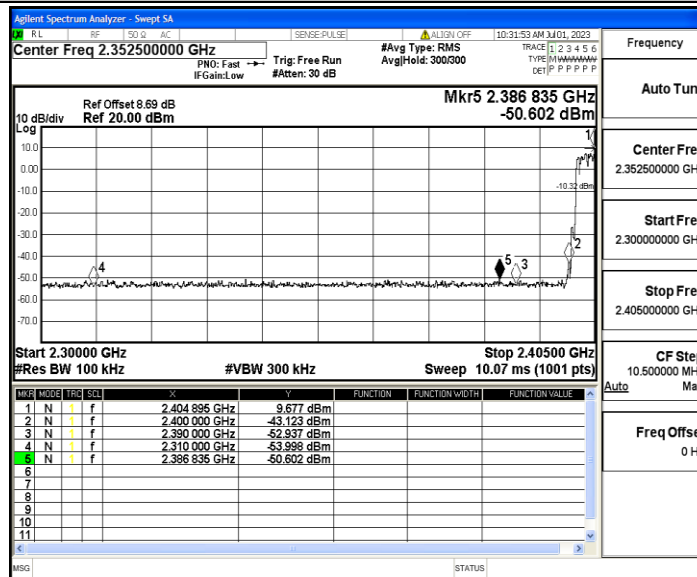
3DH5_Ant1_Low_2402



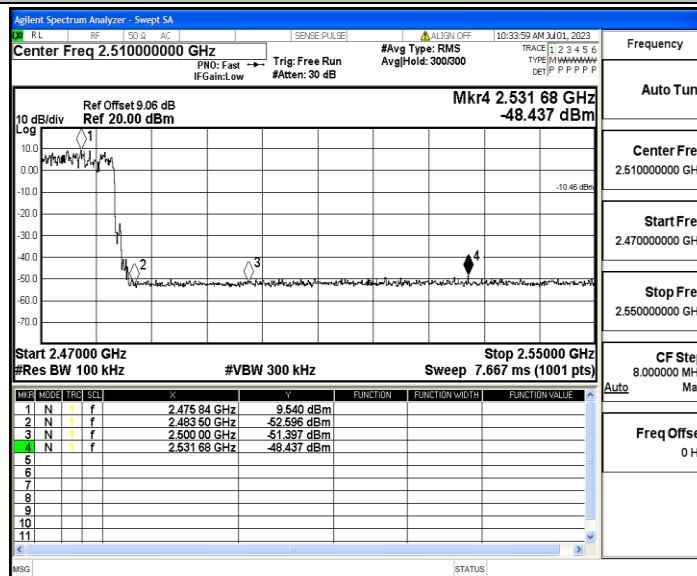
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480



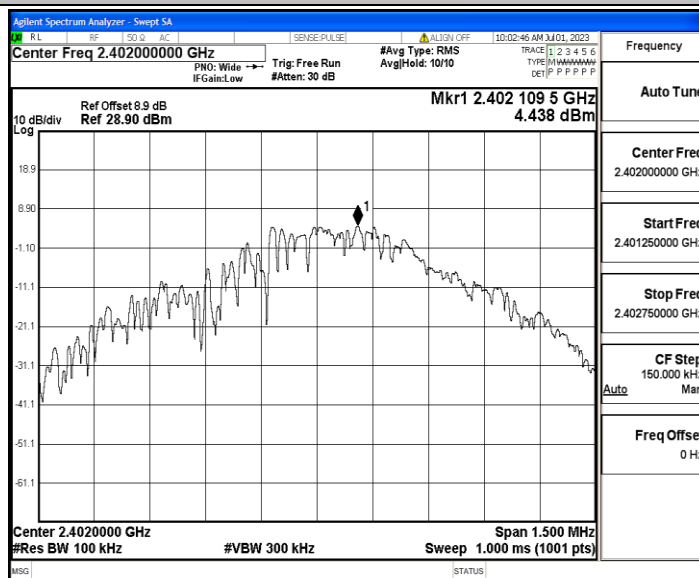
Appendix H: Conducted Spurious Emission

Test Result

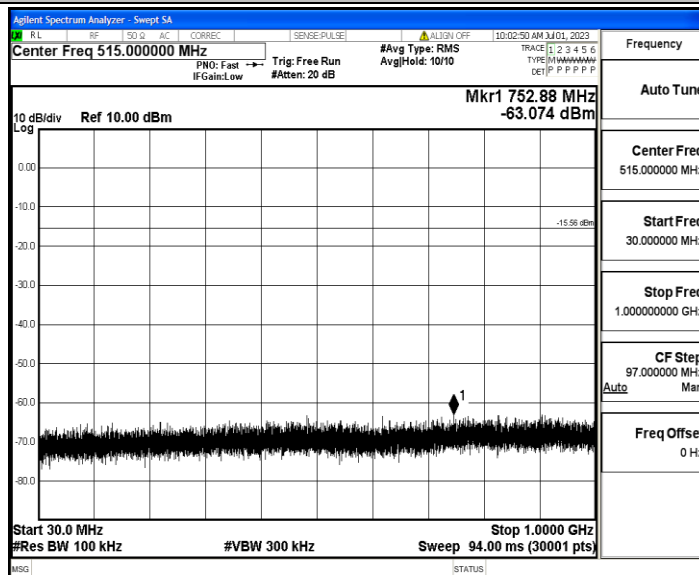
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	4.44	4.44	---	PASS
			30~1000	4.44	-63.07	≤-15.56	PASS
			1000~26500	4.44	-48.16	≤-15.56	PASS
		2441	Reference	5.83	5.83	---	PASS
			30~1000	5.83	-62.19	≤-14.17	PASS
			1000~26500	5.83	-49.55	≤-14.17	PASS
		2480	Reference	5.16	5.16	---	PASS
			30~1000	5.16	-61.33	≤-14.84	PASS
			1000~26500	5.16	-50.41	≤-14.84	PASS
2DH5	Ant1	2402	Reference	3.41	3.41	---	PASS
			30~1000	3.41	-61.26	≤-16.59	PASS
			1000~26500	3.41	-48.26	≤-16.59	PASS
		2441	Reference	7.23	7.23	---	PASS
			30~1000	7.23	-62.01	≤-12.77	PASS
			1000~26500	7.23	-49.64	≤-12.77	PASS
		2480	Reference	4.76	4.76	---	PASS
			30~1000	4.76	-62.88	≤-15.24	PASS
			1000~26500	4.76	-50.44	≤-15.24	PASS
3DH5	Ant1	2402	Reference	5.99	5.99	---	PASS
			30~1000	5.99	-62.53	≤-14.01	PASS
			1000~26500	5.99	-48.96	≤-14.01	PASS
		2441	Reference	5.12	5.12	---	PASS
			30~1000	5.12	-62.52	≤-14.88	PASS
			1000~26500	5.12	-49.64	≤-14.88	PASS
		2480	Reference	3.30	3.30	---	PASS
			30~1000	3.30	-62.88	≤-16.7	PASS
			1000~26500	3.30	-50.36	≤-16.7	PASS

Test Graphs

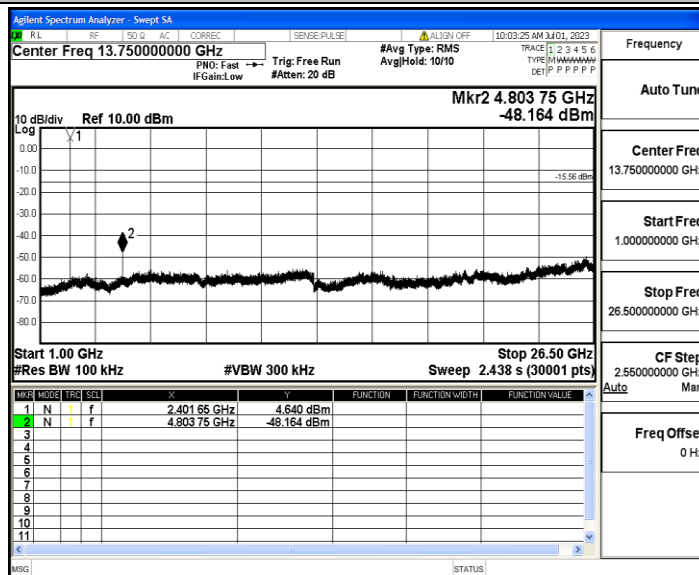
DH5_Ant1_2402_0~Reference



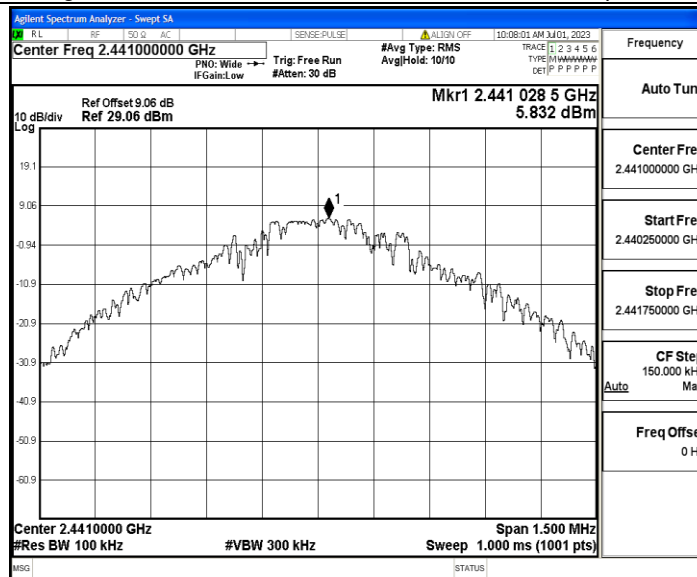
DH5_Ant1_2402_30~1000



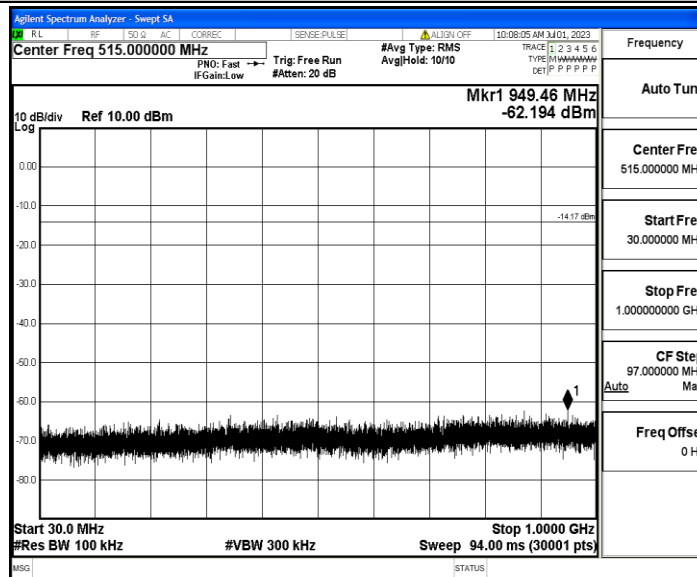
DH5_Ant1_2402_1000~26500



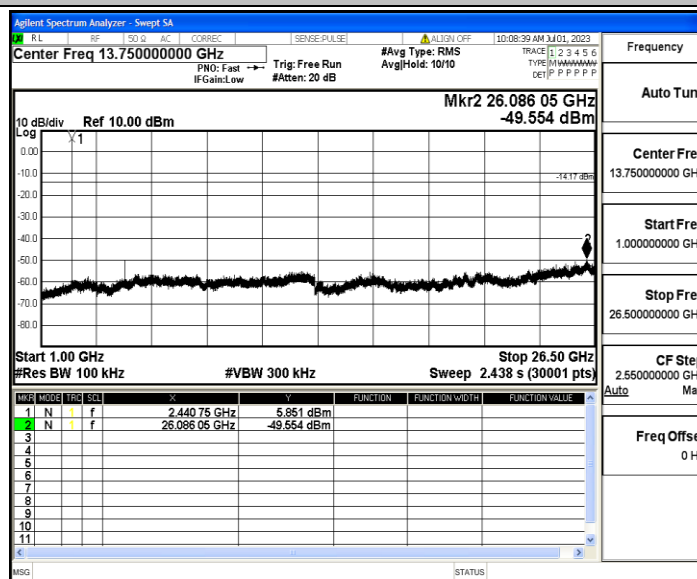
DH5_Ant1_2441_0~Reference



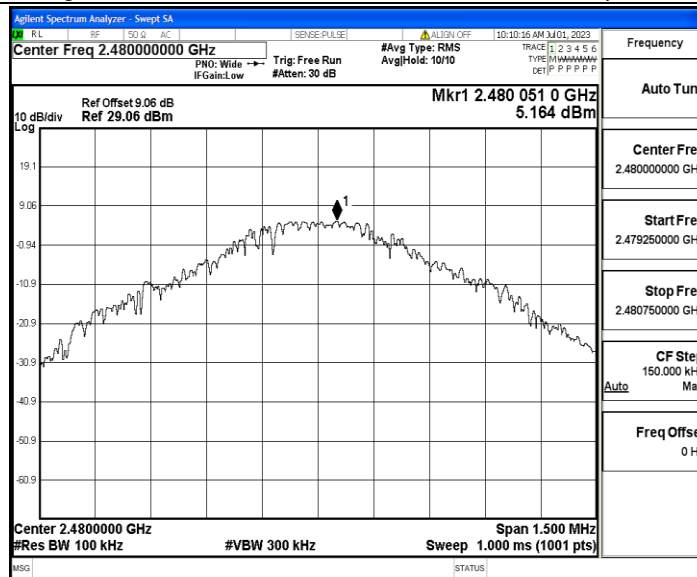
DH5_Ant1_2441_30~1000



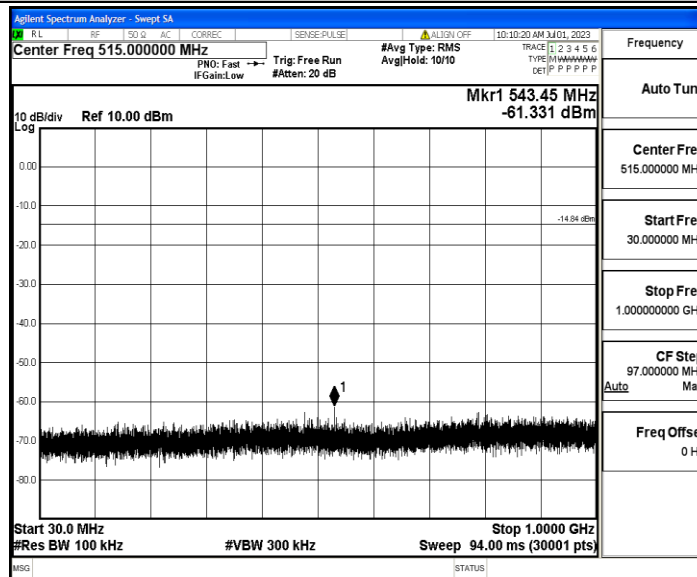
DH5_Ant1_2441_1000~26500



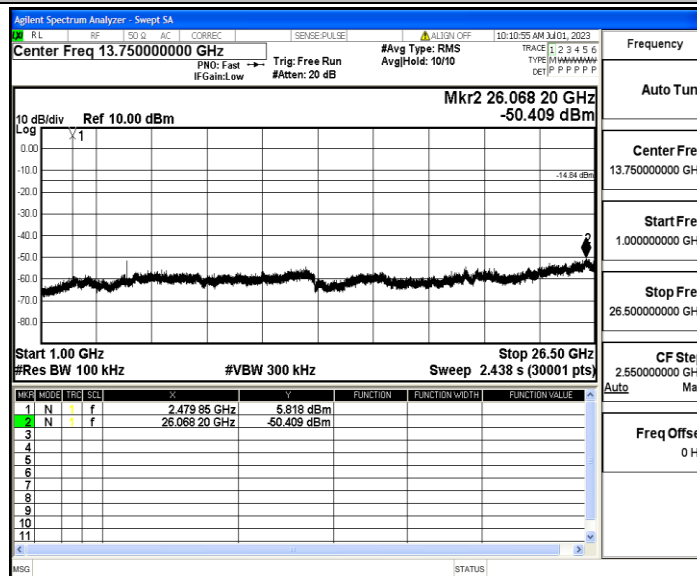
DH5_Ant1_2480_0~Reference



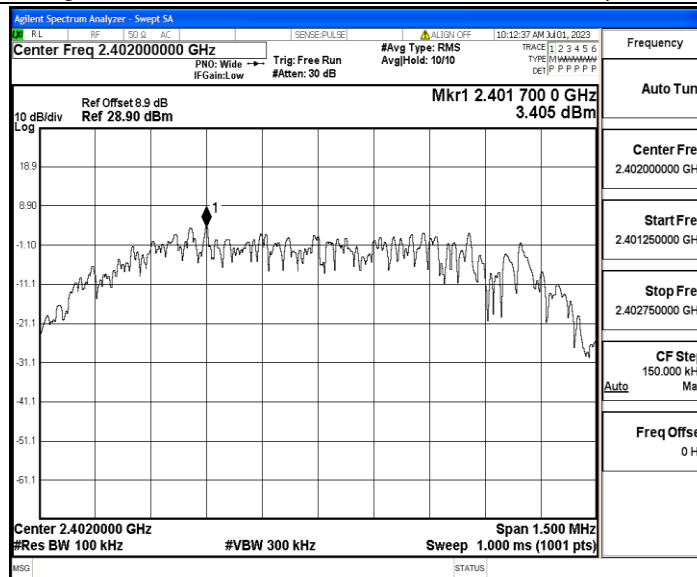
DH5_Ant1_2480_30~1000



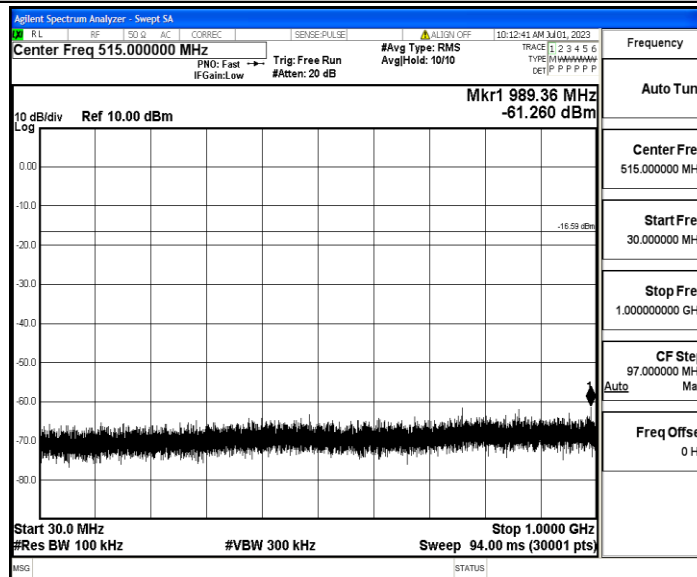
DH5_Ant1_2480_1000~26500



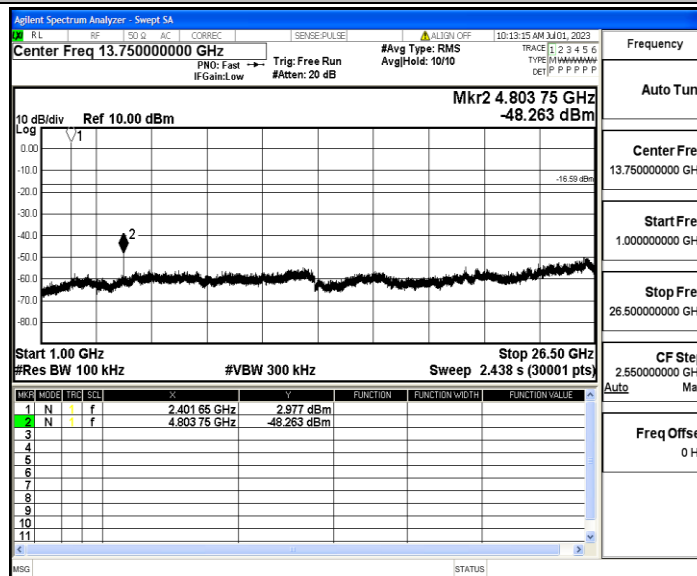
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



2DH5_Ant1_2402_1000~26500



2DH5_Ant1_2441_0~Reference