

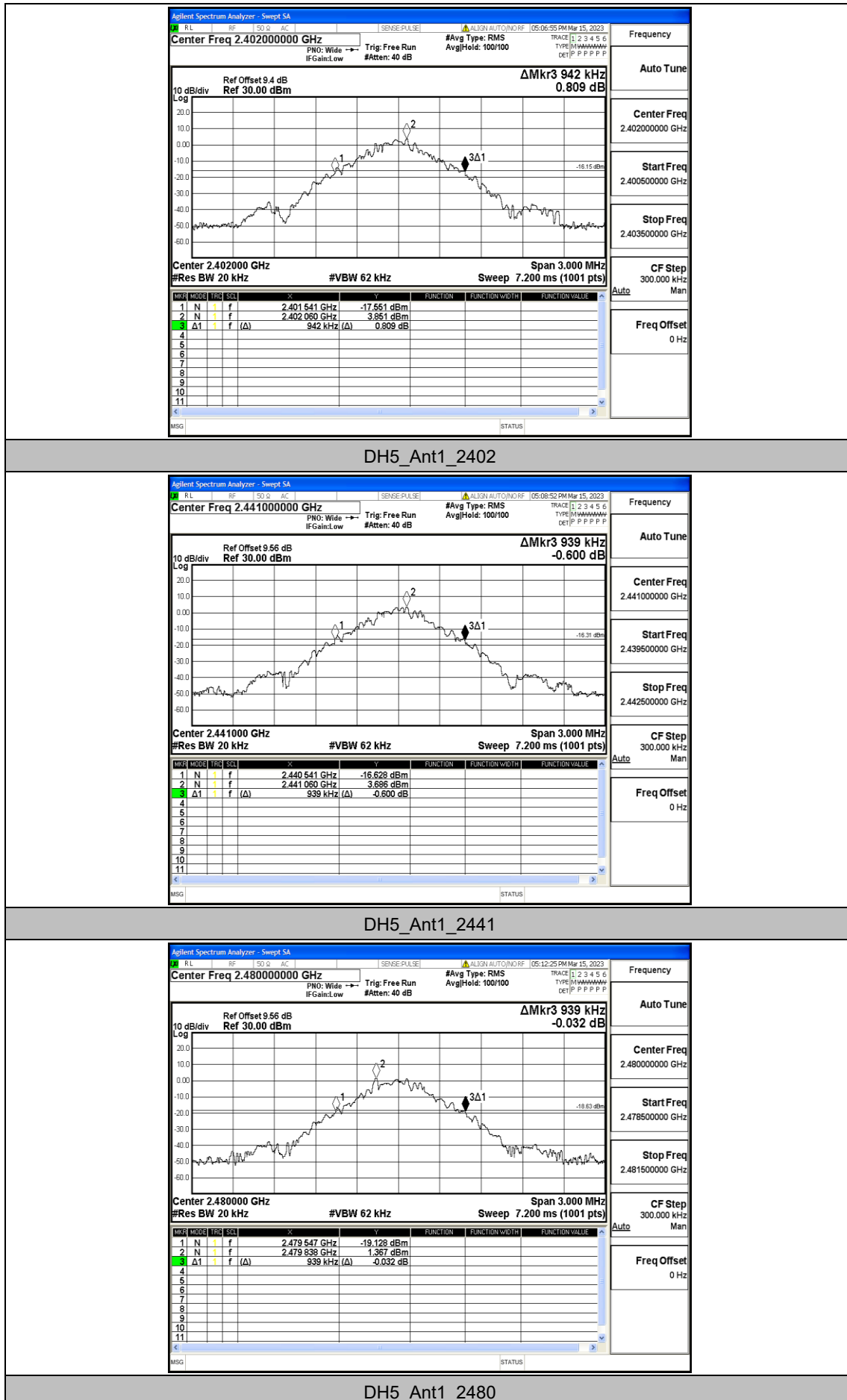
Appendix Test Data for BT(BDR/EDR) (Conducted Measurement)**Product Name: Smart phone****Trade Mark: KRIP****Test Model: K60****FCC ID: 2APX7K60****Environmental Conditions**

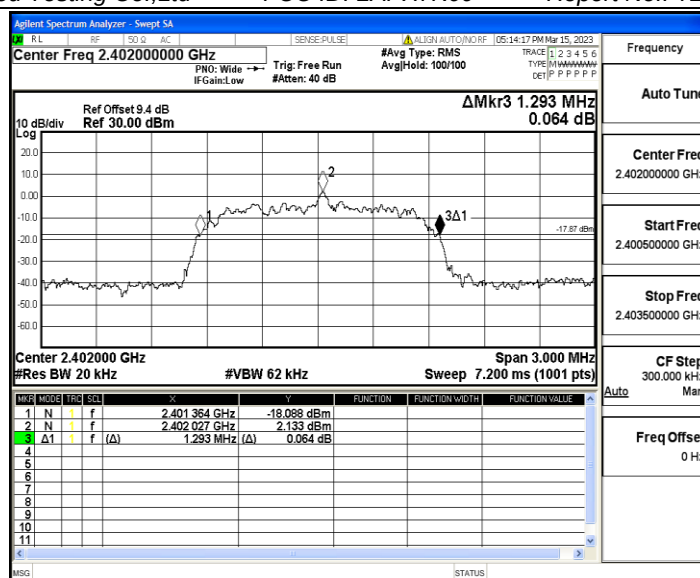
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

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

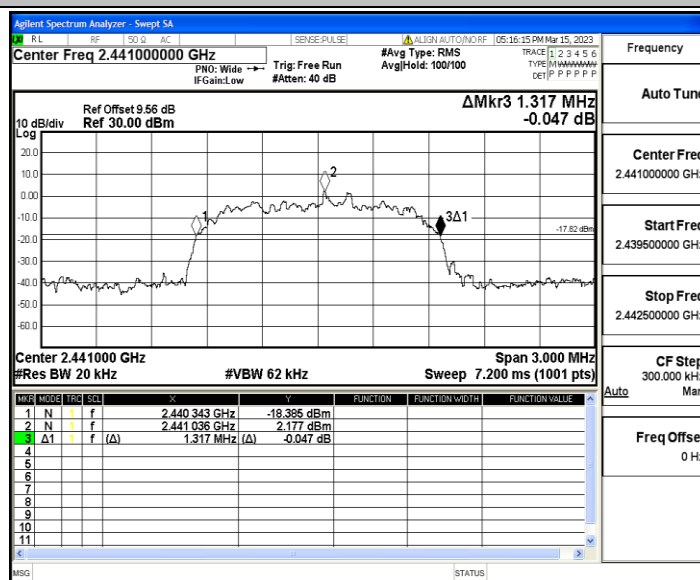
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.942	2401.541	2402.483	---	---
		2441	0.939	2440.541	2441.480	---	---
		2480	0.939	2479.547	2480.486	---	---
2DH5	Ant1	2402	1.293	2401.364	2402.657	---	---
		2441	1.317	2440.343	2441.660	---	---
		2480	1.311	2479.346	2480.657	---	---
3DH5	Ant1	2402	1.335	2401.331	2402.666	---	---
		2441	1.278	2440.352	2441.630	---	---
		2480	1.272	2479.358	2480.630	---	---

Test Graphs

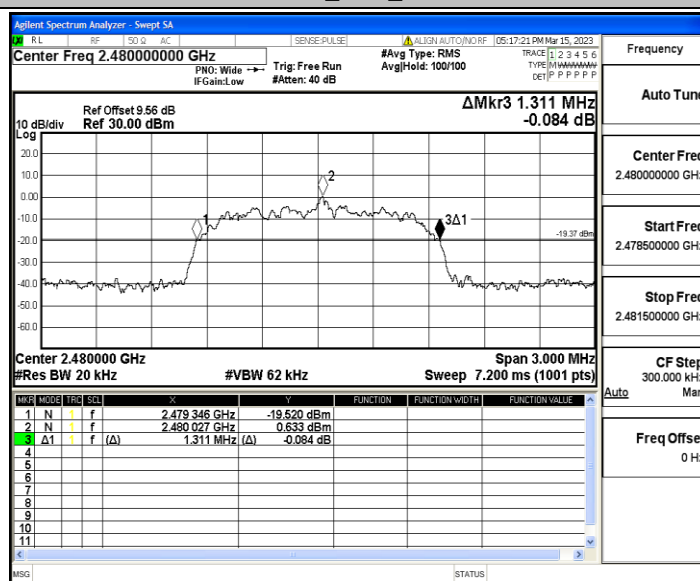




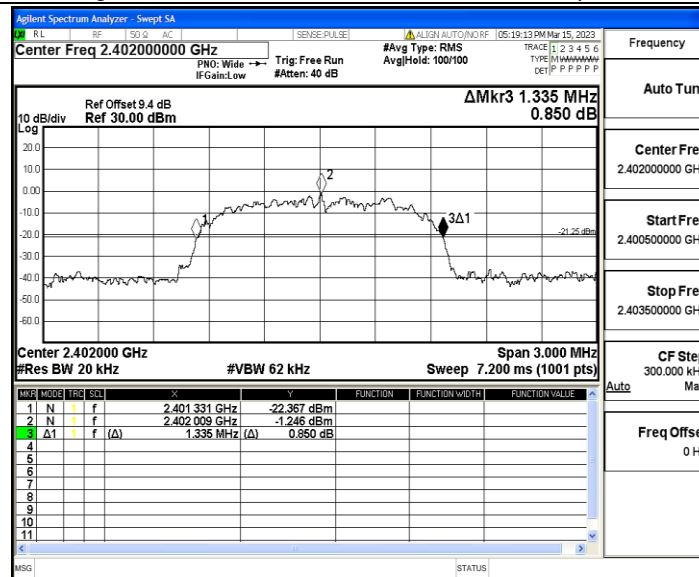
2DH5_Ant1_2402



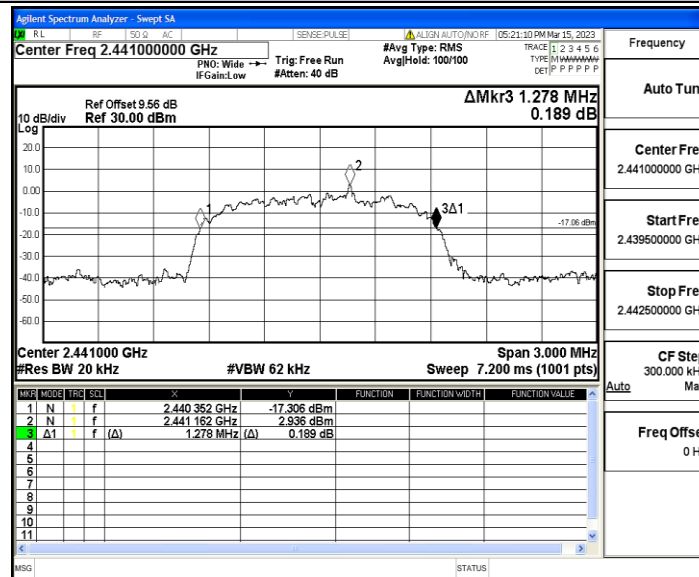
2DH5_Ant1_2441



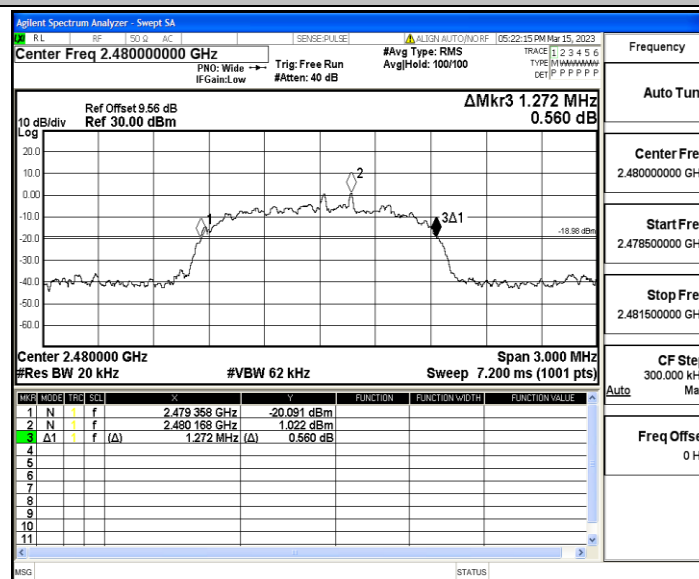
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



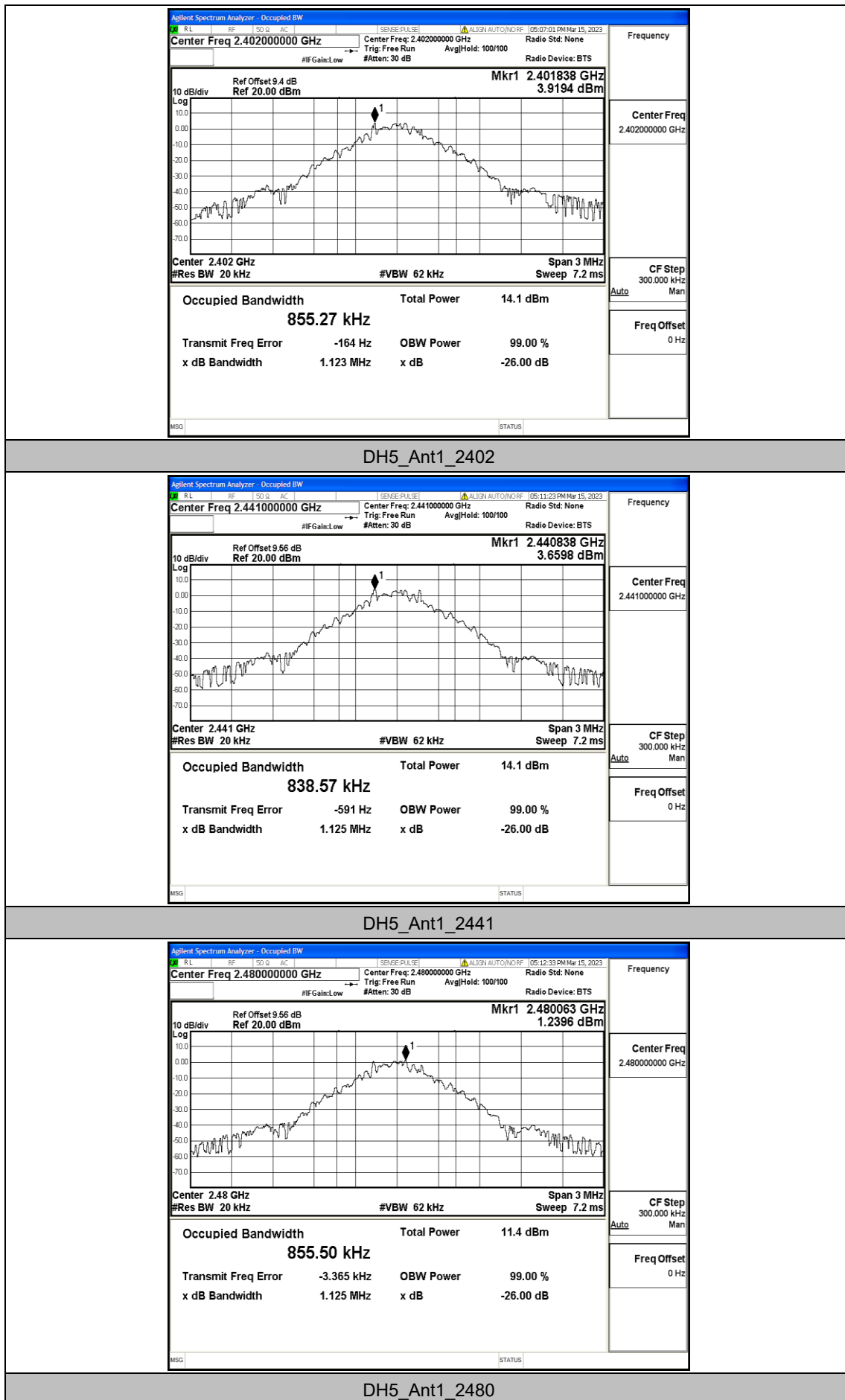
3DH5_Ant1_2480

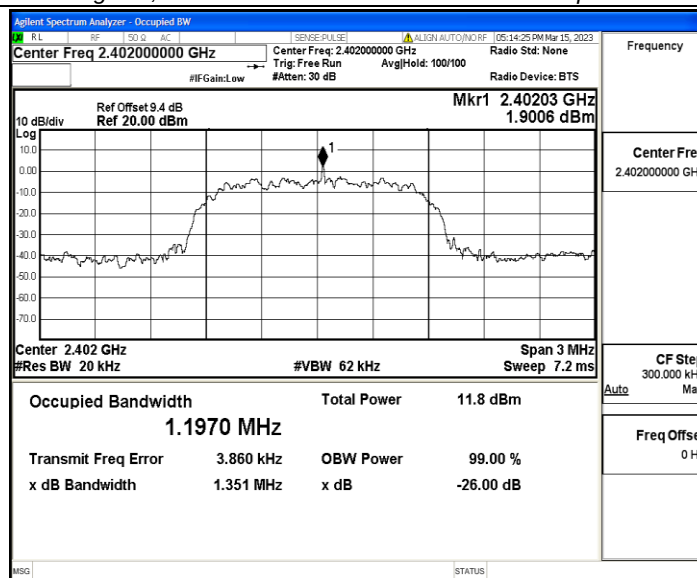
Appendix B: Occupied Channel Bandwidth

Test Result

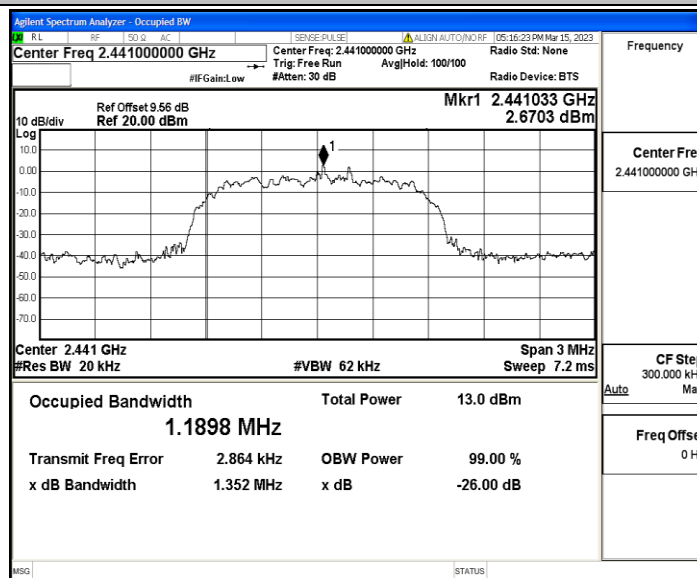
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85527	2401.5722	2402.4275	---	---
		2441	0.83857	2440.5801	2441.4187	---	---
		2480	0.85550	2479.5689	2480.4244	---	---
2DH5	Ant1	2402	1.1970	2401.4054	2402.6024	---	---
		2441	1.1898	2440.4080	2441.5978	---	---
		2480	1.1956	2479.4039	2480.5995	---	---
3DH5	Ant1	2402	1.2014	2401.3942	2402.5956	---	---
		2441	1.1938	2440.4000	2441.5938	---	---
		2480	1.2041	2479.3909	2480.5950	---	---

Test Graphs

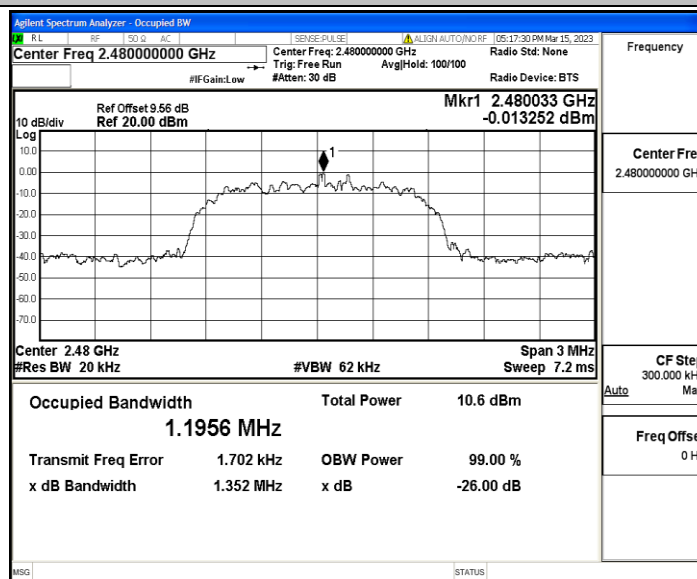




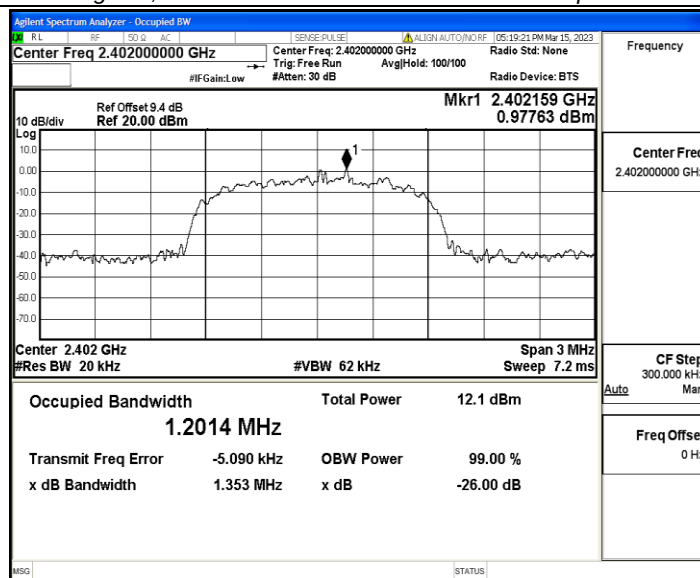
2DH5_Ant1_2402



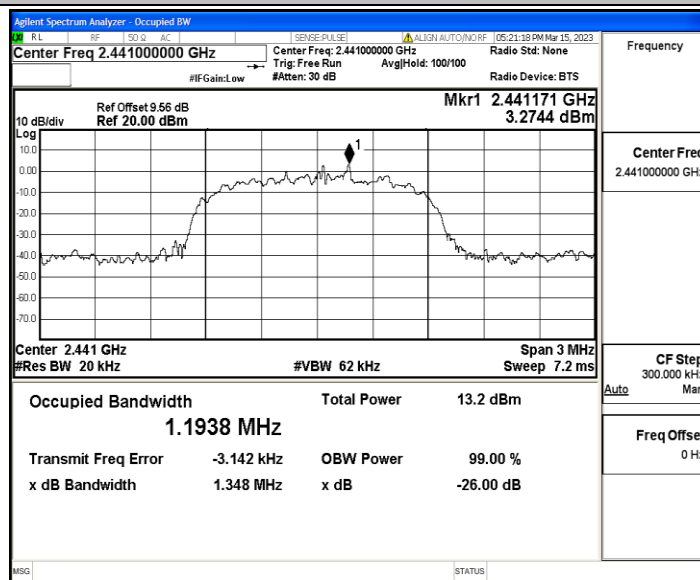
2DH5_Ant1_2441



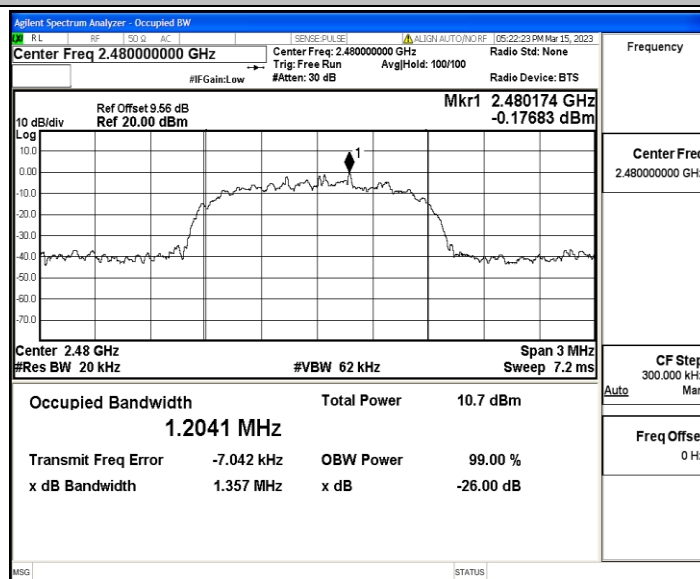
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



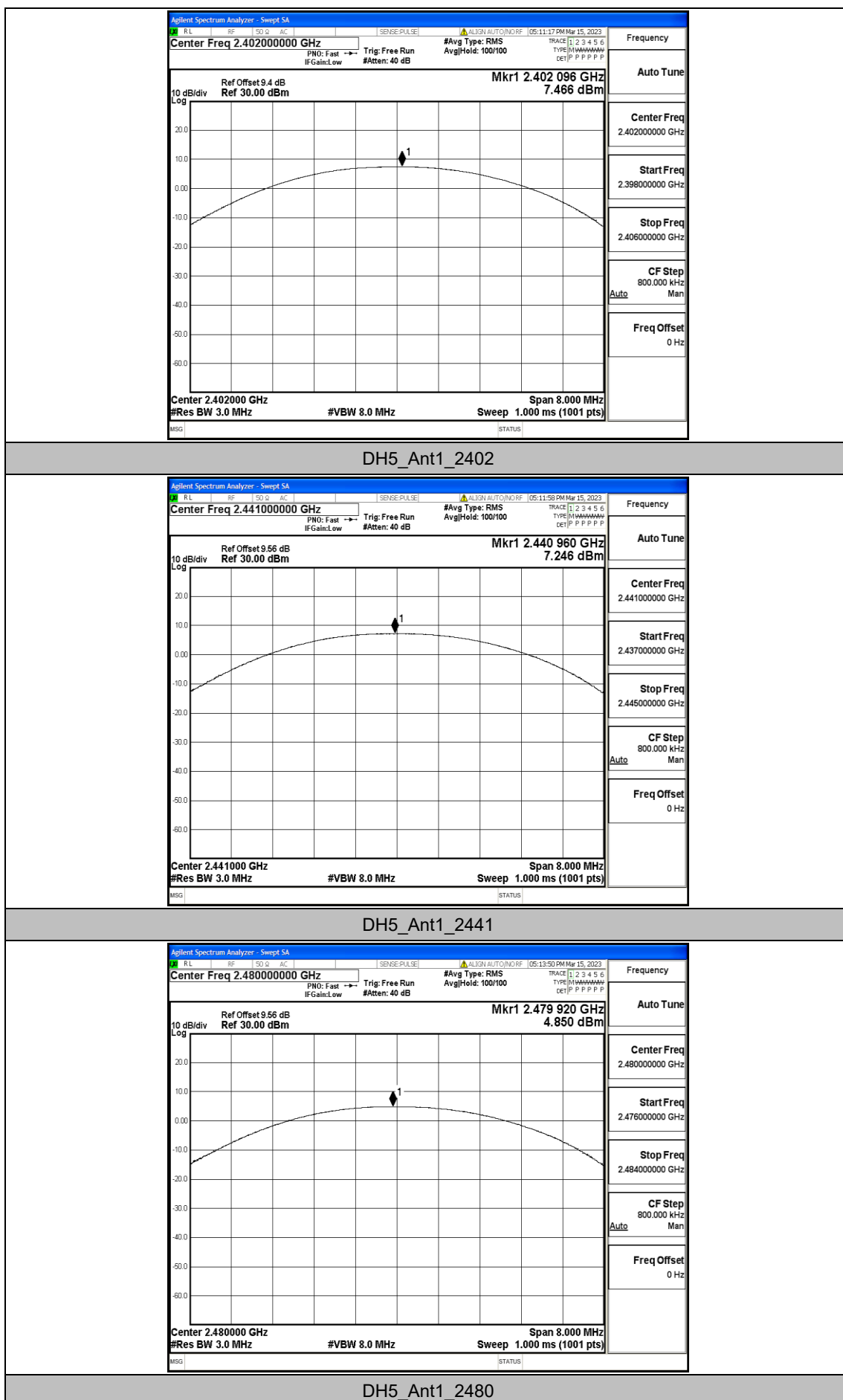
3DH5_Ant1_2480

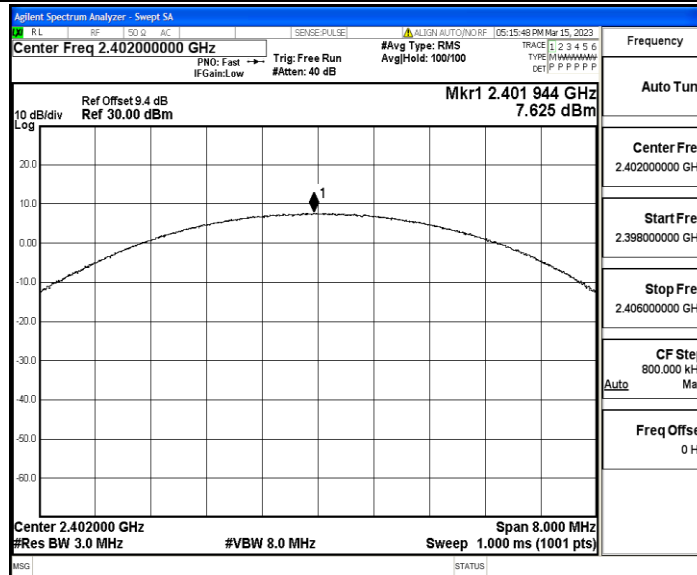
Appendix C: Maximum Peak conducted output power

Test Result

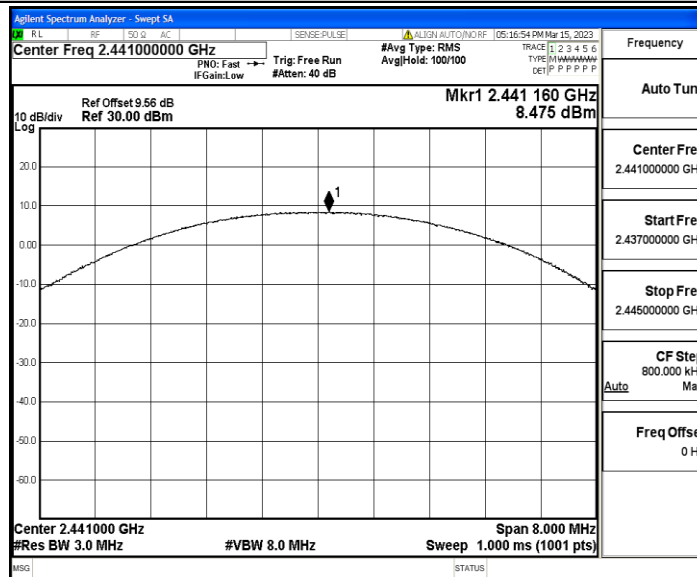
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	7.47	≤30.00	PASS
		2441	7.25	≤30.00	PASS
		2480	4.85	≤30.00	PASS
2DH5	Ant1	2402	7.63	≤20.97	PASS
		2441	8.48	≤20.97	PASS
		2480	5.9	≤20.97	PASS
3DH5	Ant1	2402	7.82	≤20.97	PASS
		2441	8.79	≤20.97	PASS
		2480	6.16	≤20.97	PASS

Test Graphs

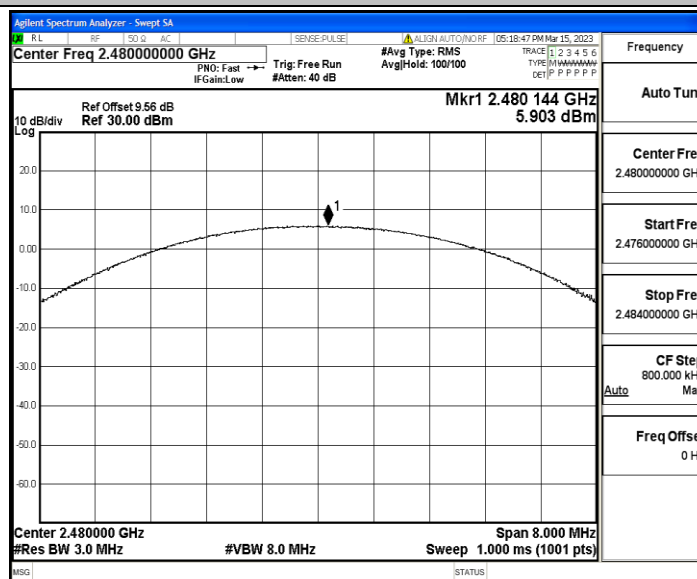




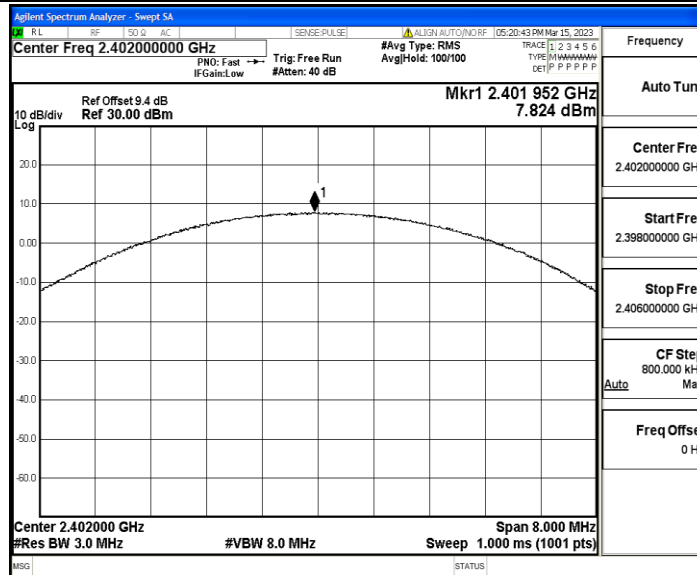
2DH5_Ant1_2402



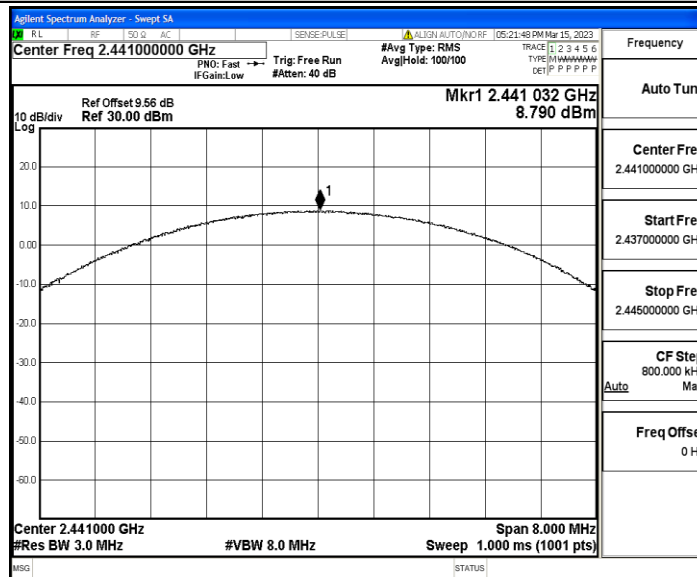
2DH5_Ant1_2441



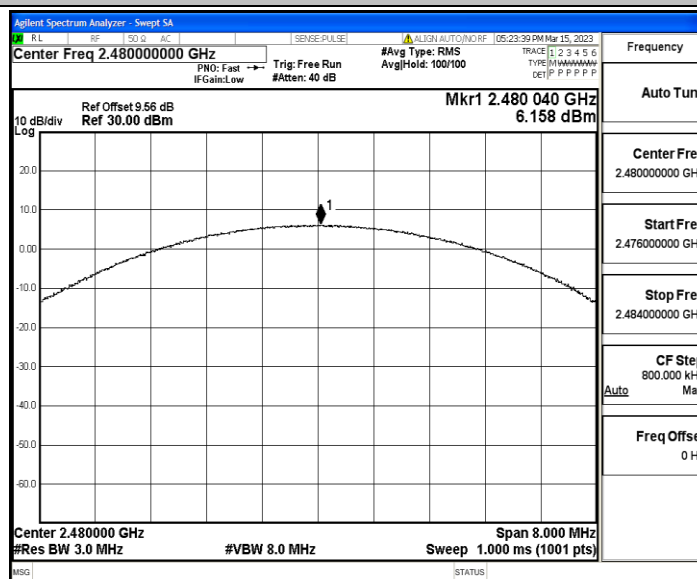
2DH5_Ant1_2480



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	1.014	≥ 0.942	PASS
2DH5	Ant1	Hop	1.11	≥ 0.878	PASS
3DH5	Ant1	Hop	1.134	≥ 0.890	PASS

Test Graphs

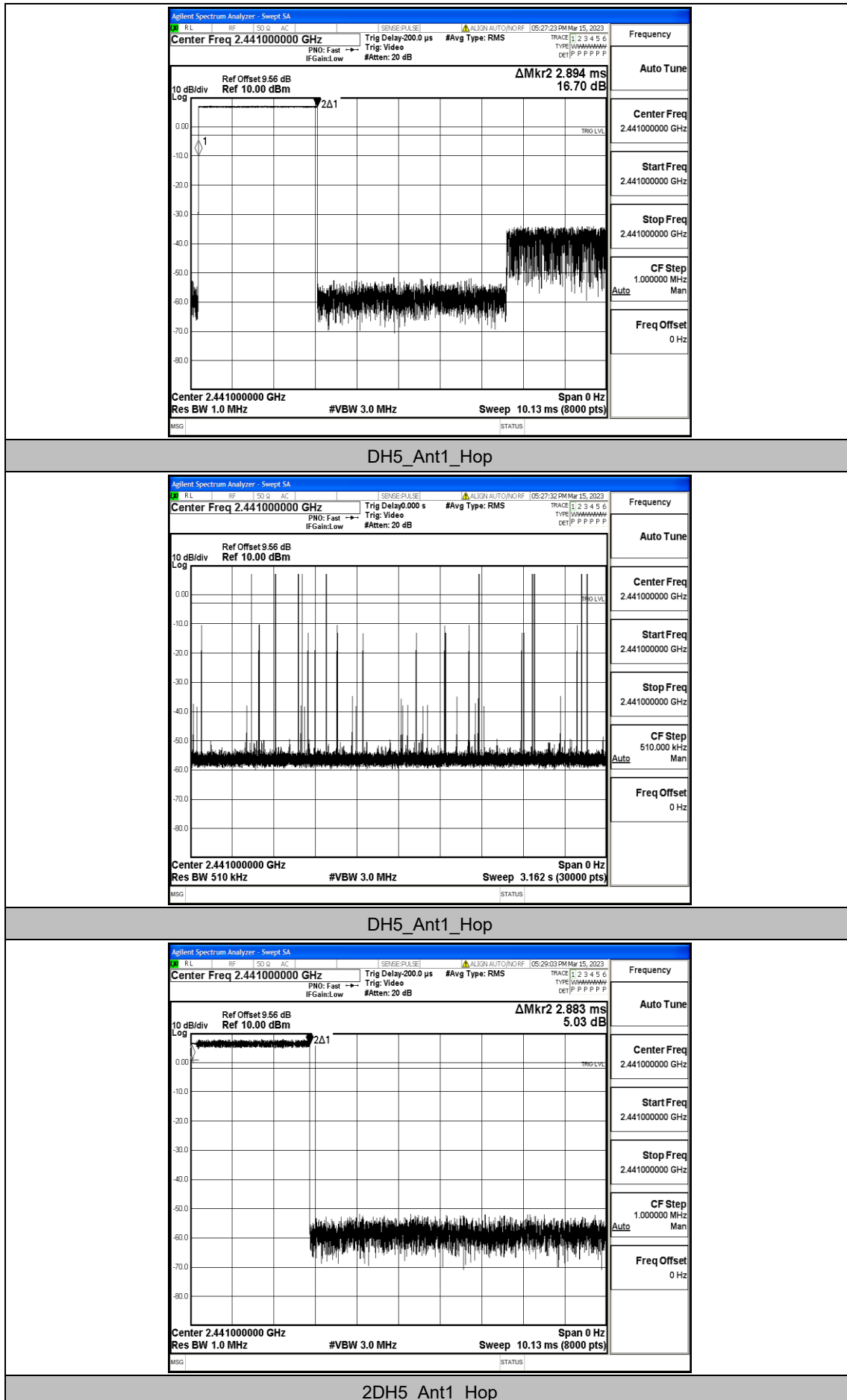


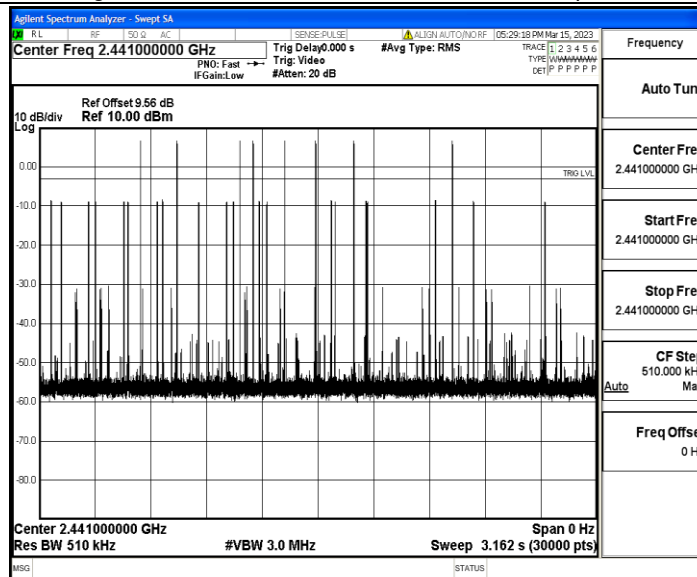
Appendix E: Time of occupancy

Test Result

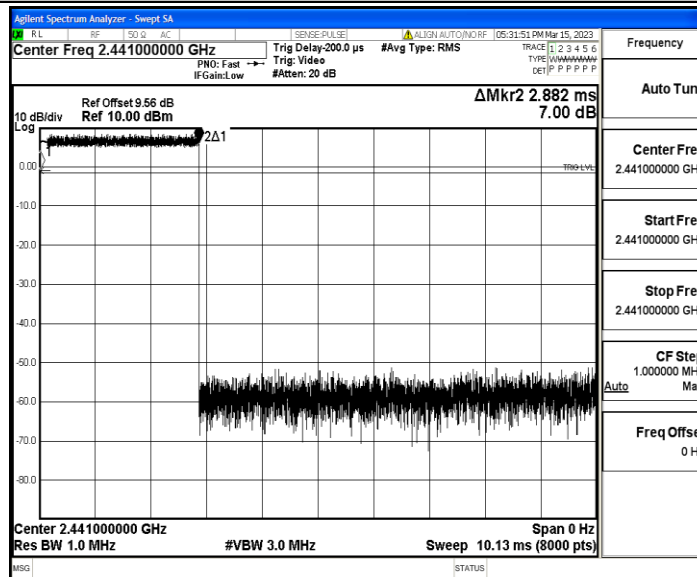
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.894	110	0.318	≤0.4	PASS
2DH5	Ant1	Hop	2.883	90	0.259	≤0.4	PASS
3DH5	Ant1	Hop	2.882	110	0.317	≤0.4	PASS

Test Graphs

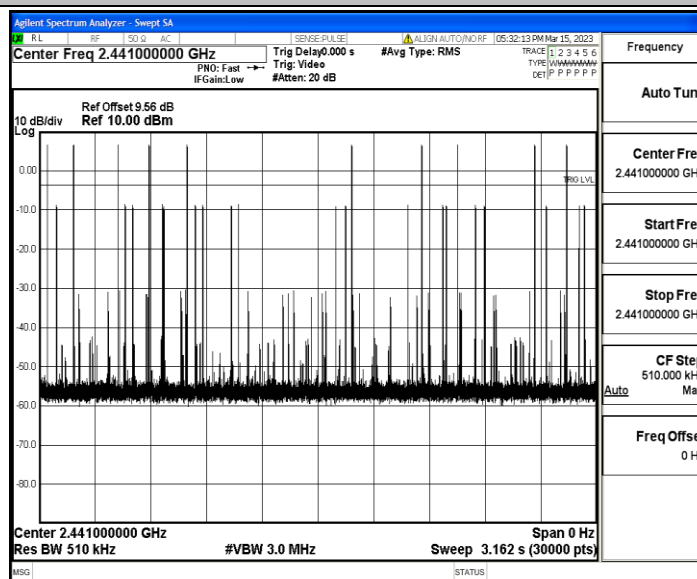




2DH5_Ant1_Hop



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

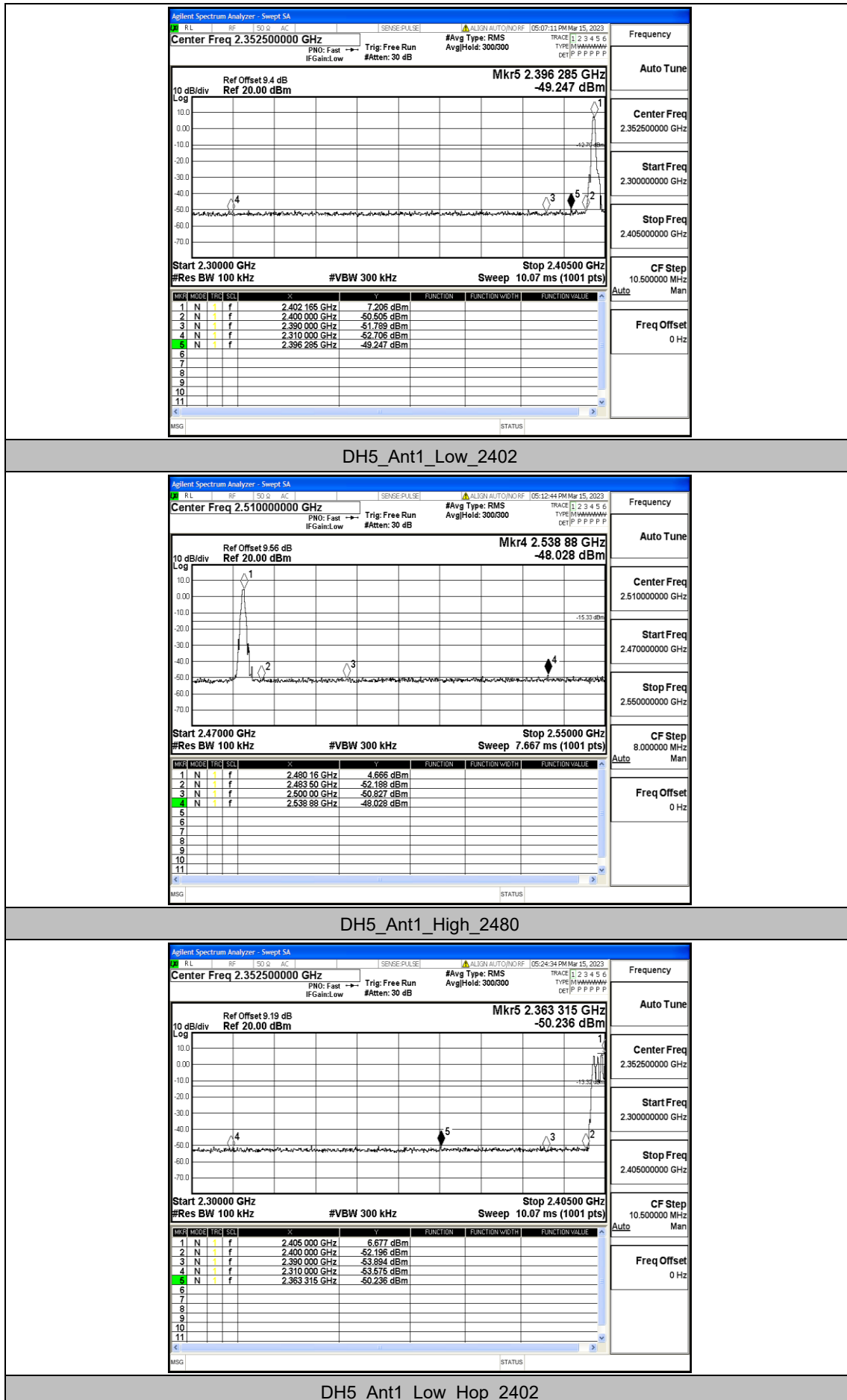


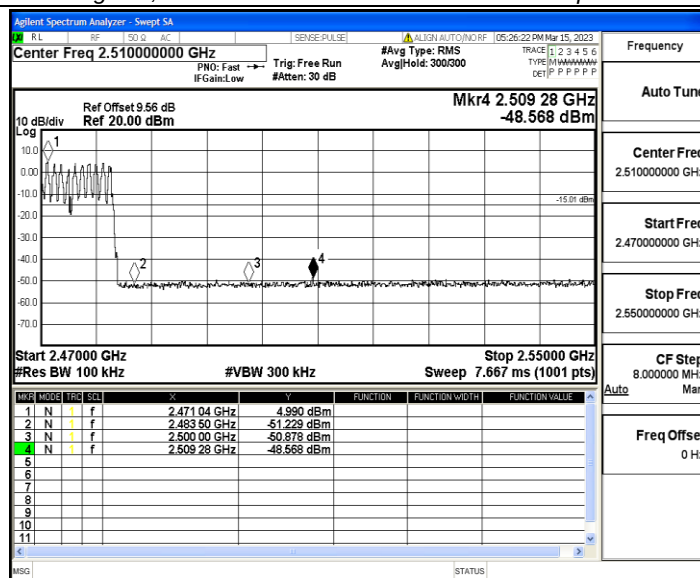
Appendix G: Band edge measurements

Test Result

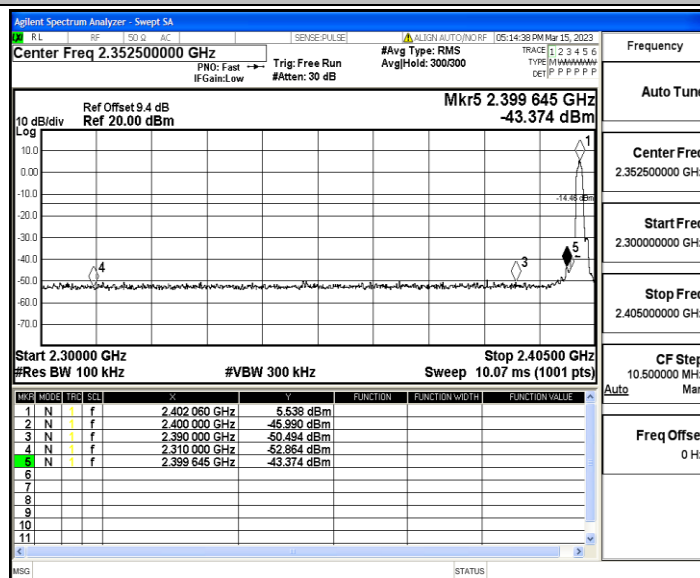
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	7.21	-49.25	≤ -12.79	PASS
		High	2480	4.67	-48.03	≤ -15.33	PASS
		Low	Hop_2402	6.68	-50.24	≤ -13.32	PASS
		High	Hop_2480	4.99	-48.57	≤ -15.01	PASS
2DH5	Ant1	Low	2402	5.54	-43.37	≤ -14.46	PASS
		High	2480	3.85	-47.87	≤ -16.15	PASS
		Low	Hop_2402	2.53	-49.67	≤ -17.47	PASS
		High	Hop_2480	2.86	-49.16	≤ -17.14	PASS
3DH5	Ant1	Low	2402	5.74	-42.25	≤ -14.27	PASS
		High	2480	3.66	-48.75	≤ -16.34	PASS
		Low	Hop_2402	1.96	-50.45	≤ -18.04	PASS
		High	Hop_2480	3.33	-48.77	≤ -16.67	PASS

Test Graphs

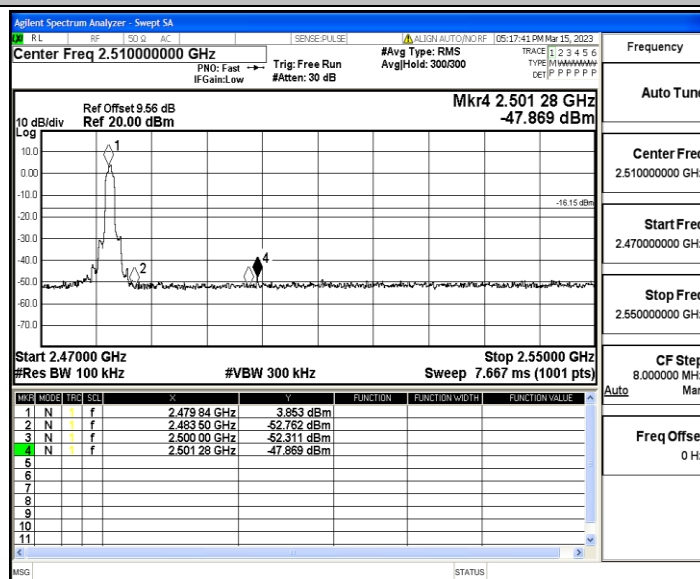




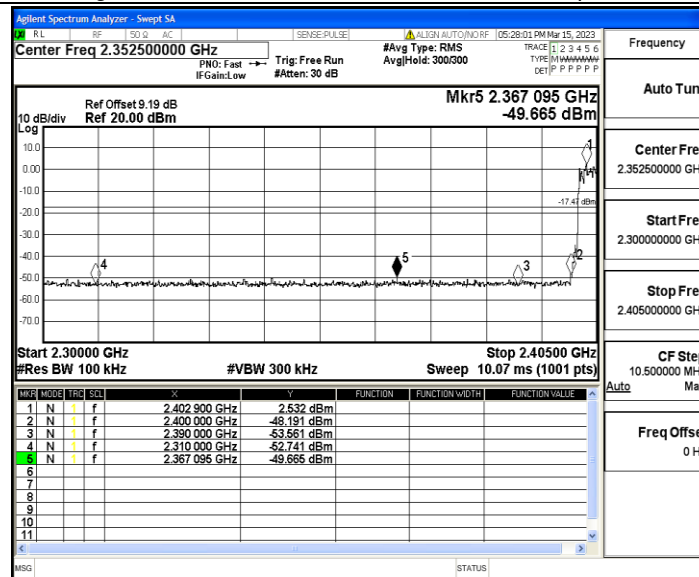
DH5_Ant1_High_Hop_2480



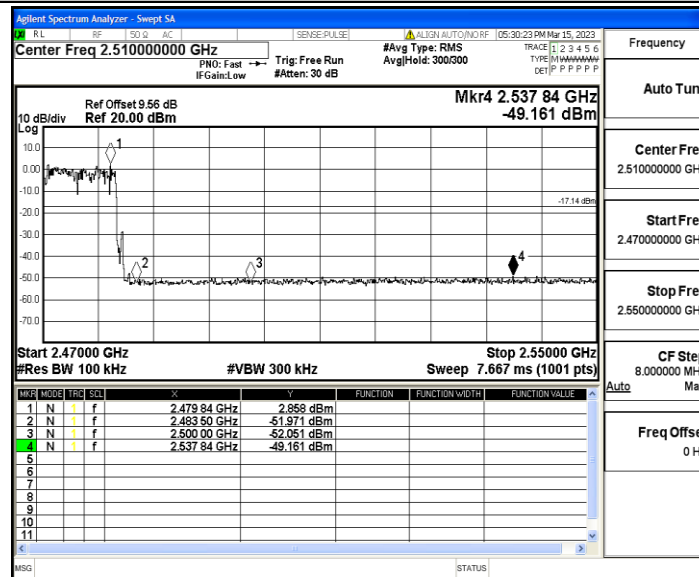
2DH5_Ant1_Low_2402



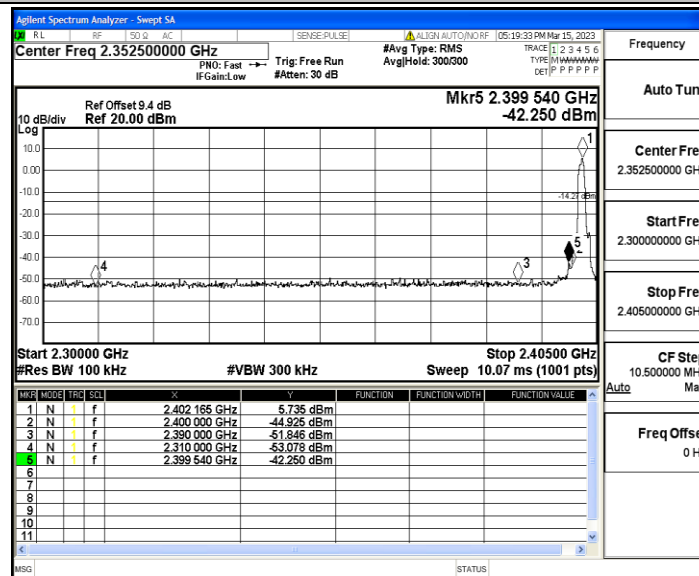
2DH5_Ant1_High_2480



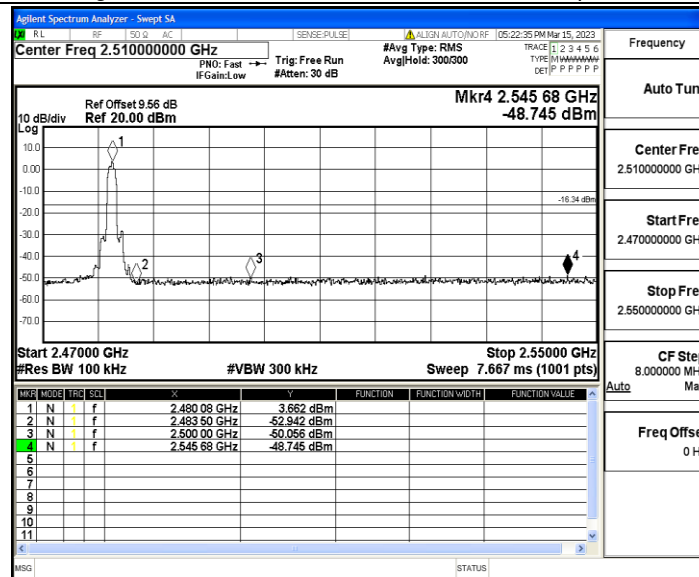
2DH5_Ant1_Low_Hop_2402



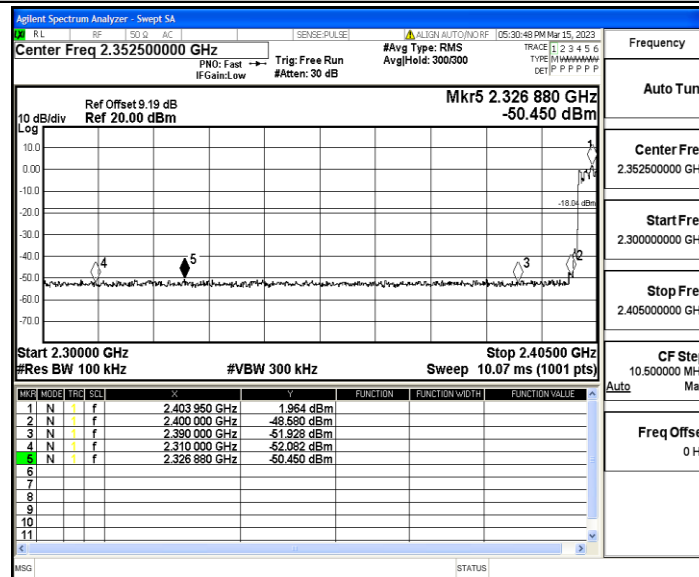
2DH5_Ant1_High_Hop_2480



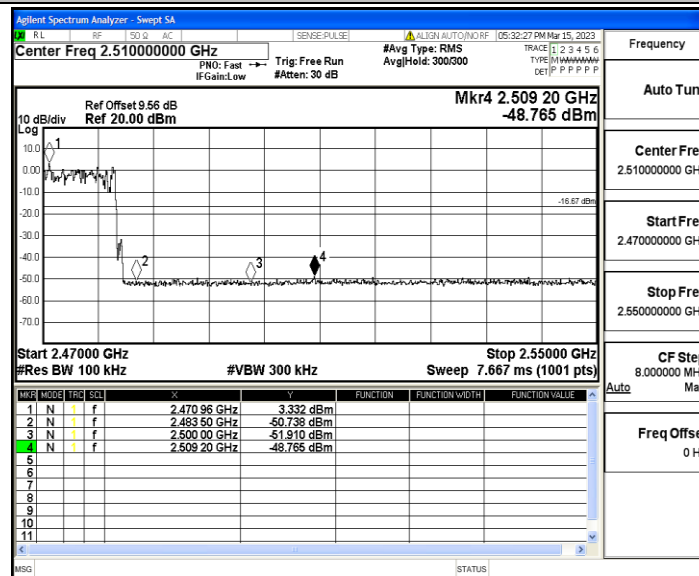
3DH5_Ant1_Low_2402



3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



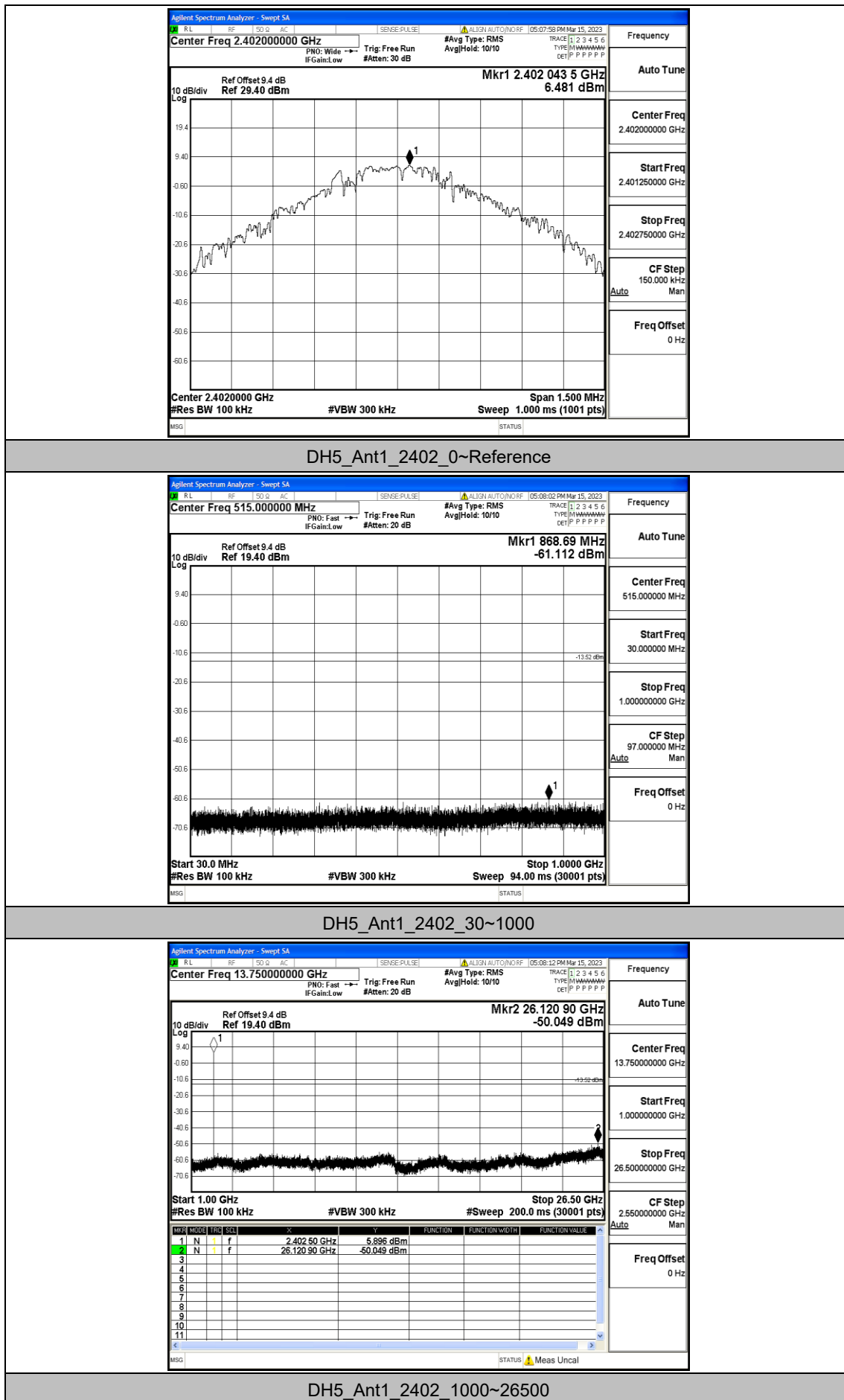
3DH5_Ant1_High_Hop_2480

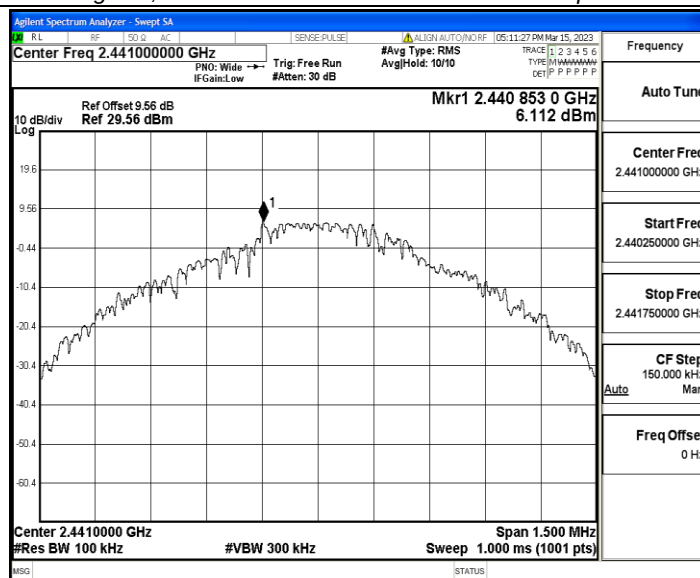
Appendix H: Conducted Spurious Emission

Test Result

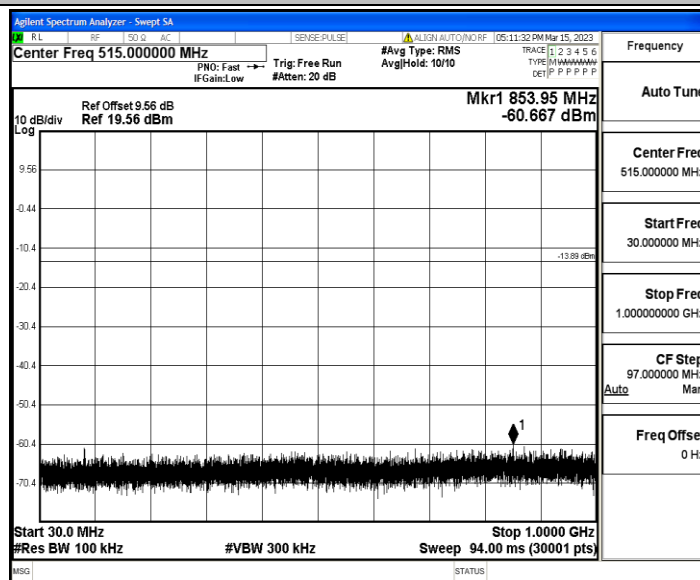
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	6.48	6.48	---	PASS
			30~1000	6.48	-61.11	≤-13.52	PASS
			1000~26500	6.48	-50.05	≤-13.52	PASS
		2441	Reference	6.11	6.11	---	PASS
			30~1000	6.11	-60.67	≤-13.89	PASS
			1000~26500	6.11	-50.28	≤-13.89	PASS
		2480	Reference	4.49	4.49	---	PASS
			30~1000	4.49	-58.88	≤-15.51	PASS
			1000~26500	4.49	-51.34	≤-15.51	PASS
2DH5	Ant1	2402	Reference	4.76	4.76	---	PASS
			30~1000	4.76	-59.96	≤-15.24	PASS
			1000~26500	4.76	-50.99	≤-15.24	PASS
		2441	Reference	5.12	5.12	---	PASS
			30~1000	5.12	-61.15	≤-14.88	PASS
			1000~26500	5.12	-51.04	≤-14.88	PASS
		2480	Reference	1.03	1.03	---	PASS
			30~1000	1.03	-61.43	≤-18.97	PASS
			1000~26500	1.03	-50.7	≤-18.97	PASS
3DH5	Ant1	2402	Reference	4.67	4.67	---	PASS
			30~1000	4.67	-60.78	≤-15.33	PASS
			1000~26500	4.67	-51.1	≤-15.33	PASS
		2441	Reference	3.79	3.79	---	PASS
			30~1000	3.79	-60.64	≤-16.21	PASS
			1000~26500	3.79	-50.6	≤-16.21	PASS
		2480	Reference	1.51	1.51	---	PASS
			30~1000	1.51	-60.85	≤-18.49	PASS
			1000~26500	1.51	-50.7	≤-18.49	PASS

Test Graphs

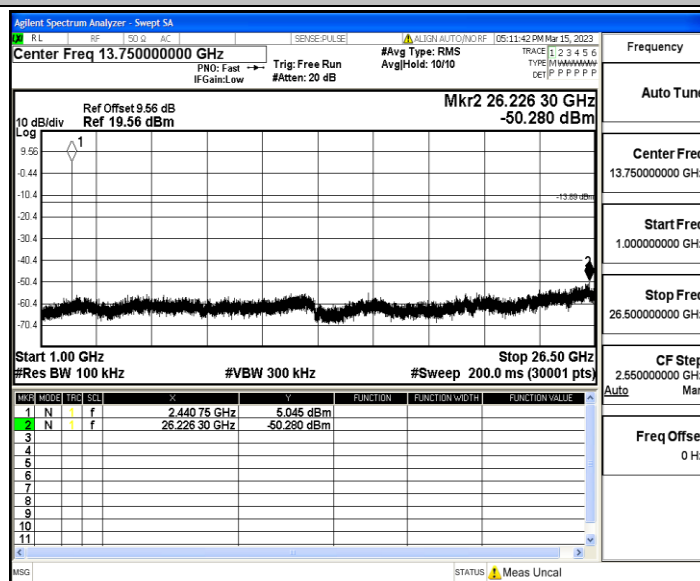




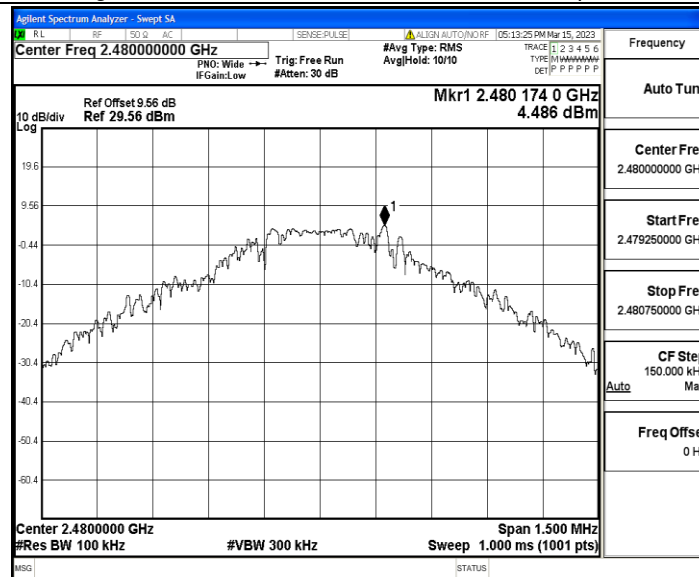
DH5_Ant1_2441_0~Reference



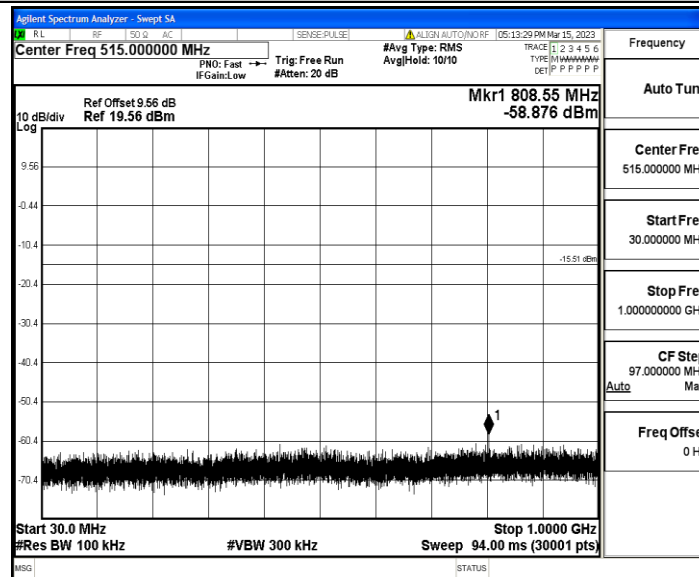
DH5_Ant1_2441_30~1000



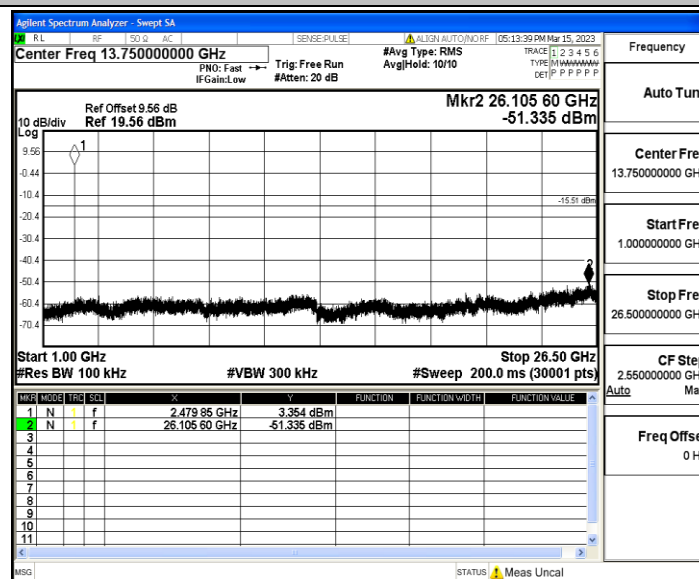
DH5_Ant1_2441_1000~26500



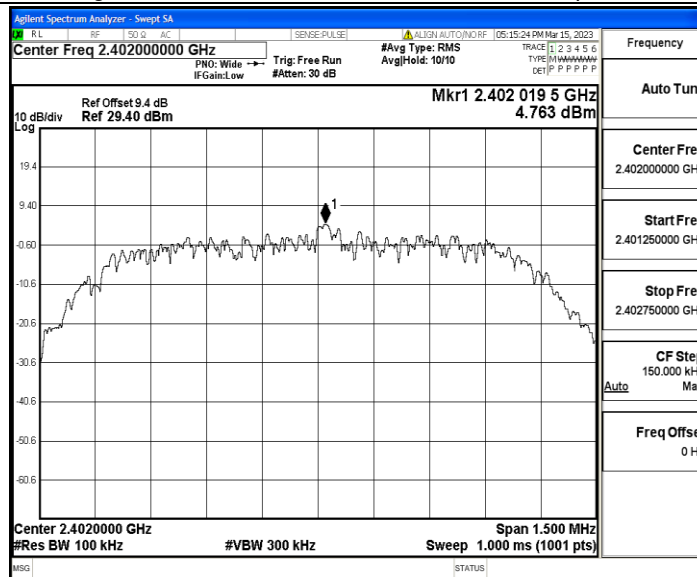
DH5_Ant1_2480_0~Reference



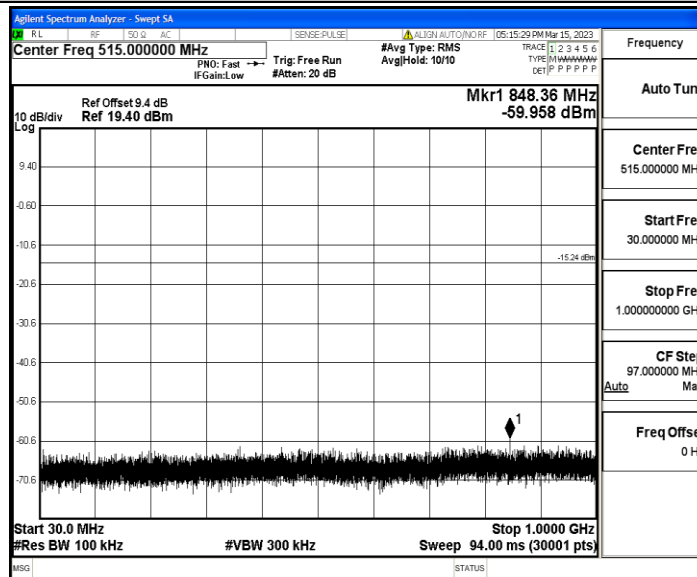
DH5_Ant1_2480_30~1000



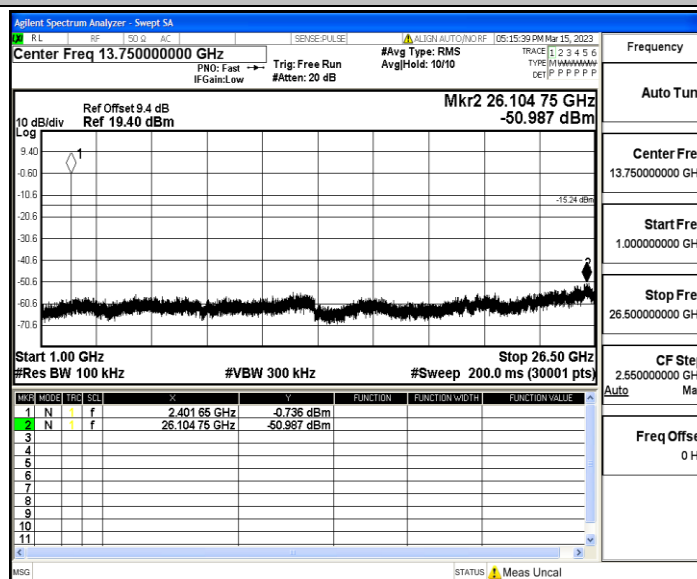
DH5_Ant1_2480_1000~26500



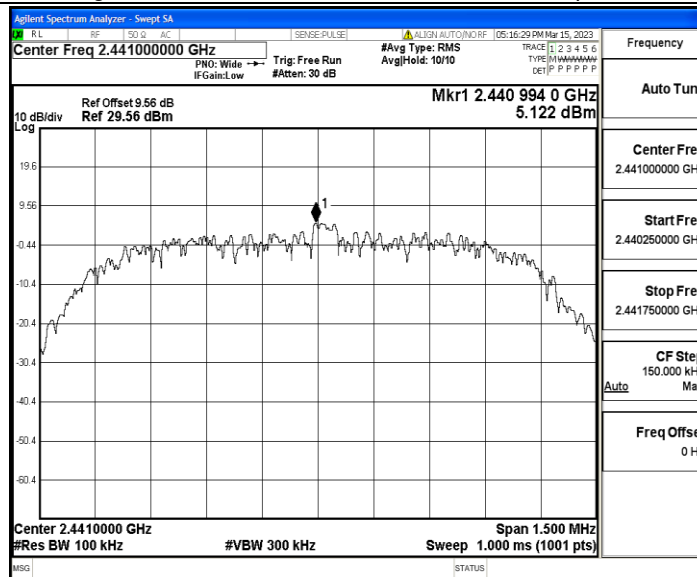
2DH5_Ant1_2402_0~Reference



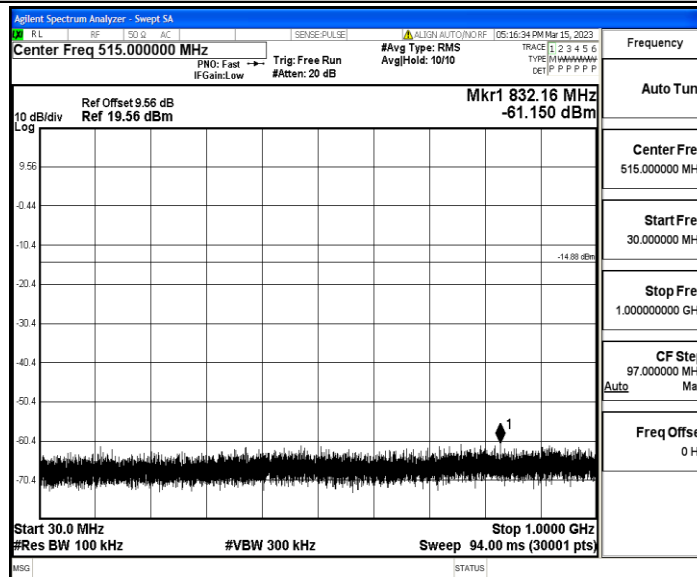
2DH5_Ant1_2402_30~1000



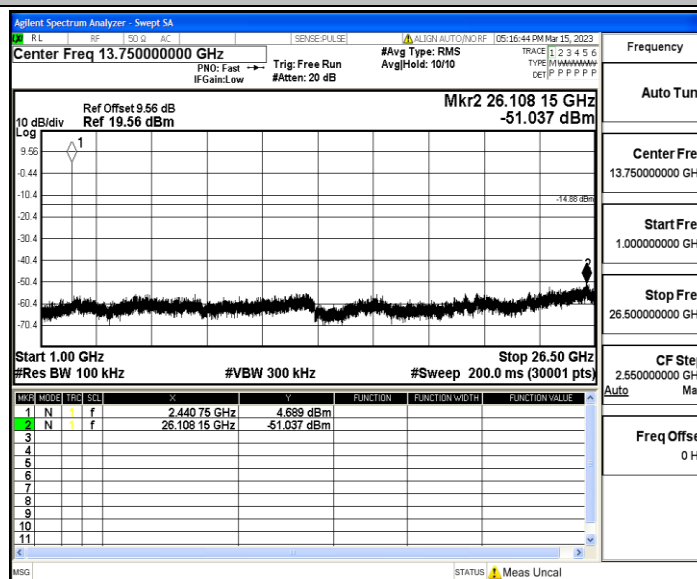
2DH5_Ant1_2402_1000~26500



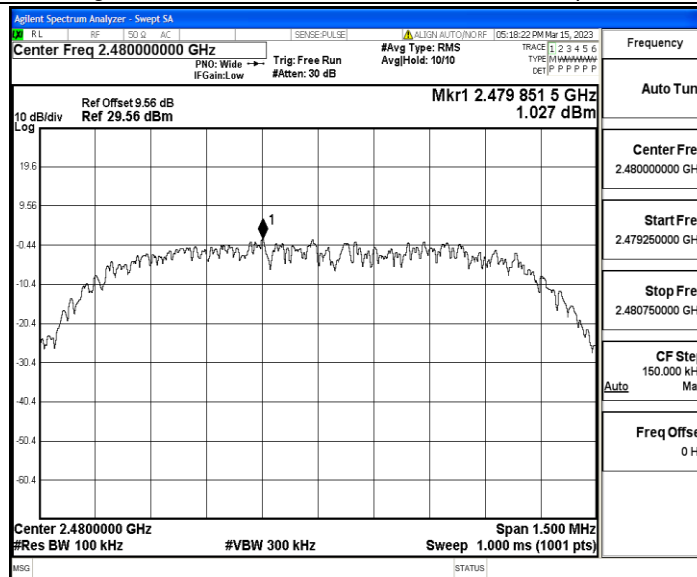
2DH5_Ant1_2441_0~Reference



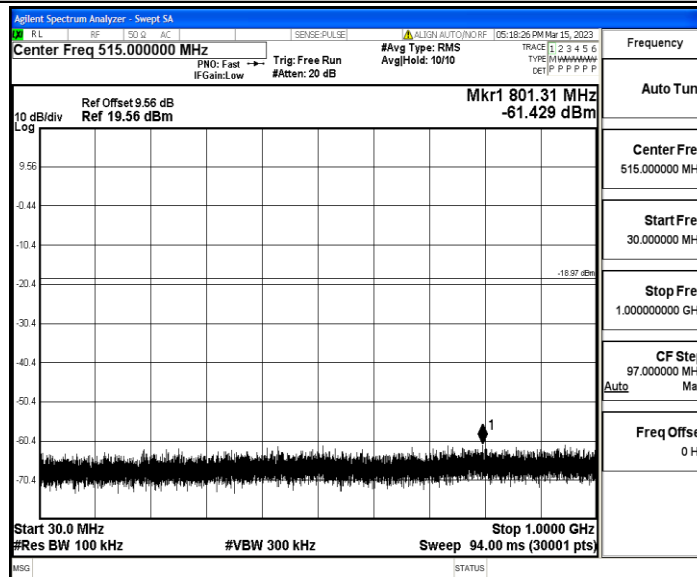
2DH5_Ant1_2441_30~1000



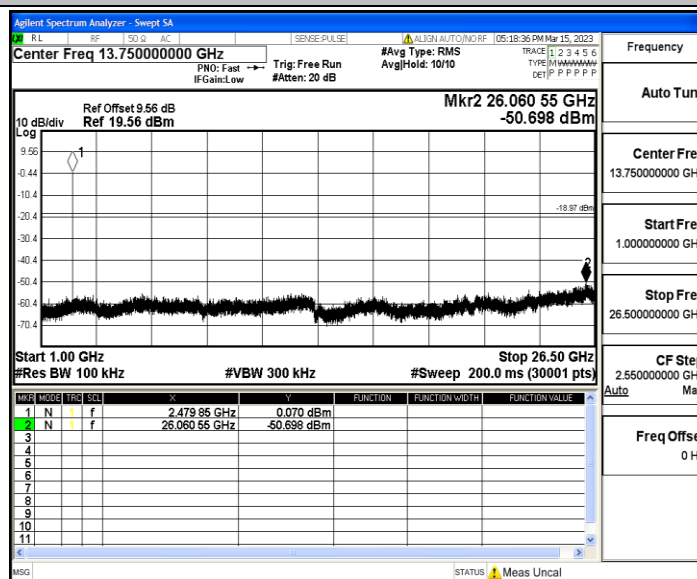
2DH5_Ant1_2441_1000~26500



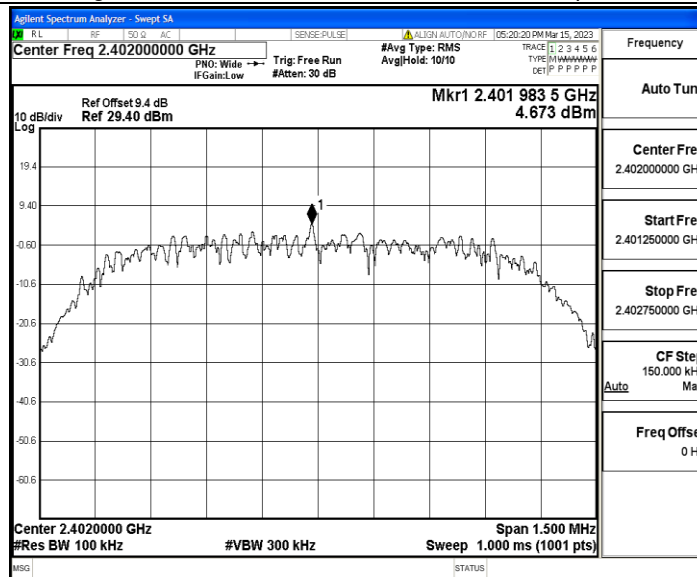
2DH5_Ant1_2480_0~Reference



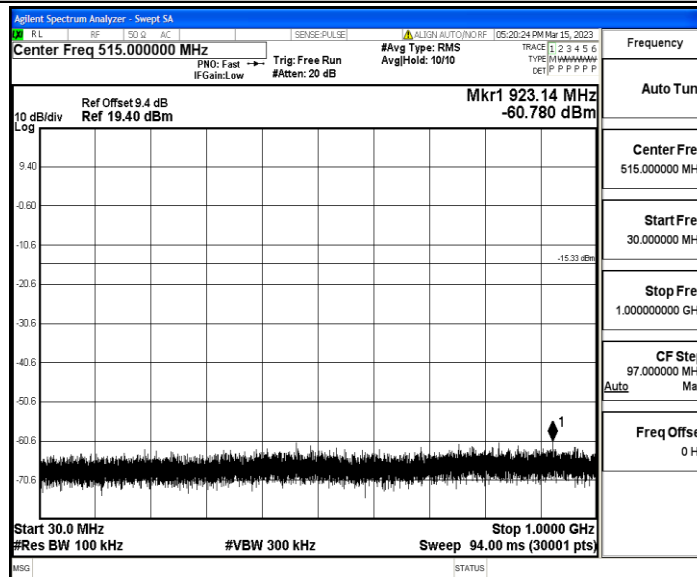
2DH5_Ant1_2480_30~1000



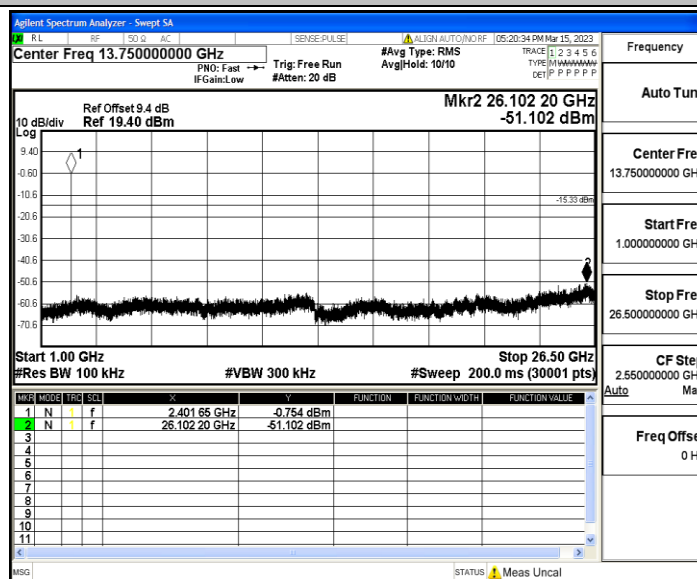
2DH5_Ant1_2480_1000~26500



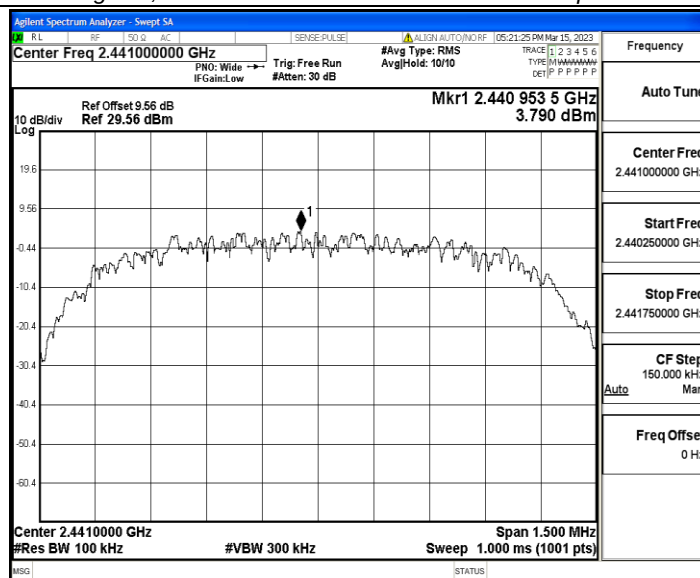
3DH5_Ant1_2402_0~Reference



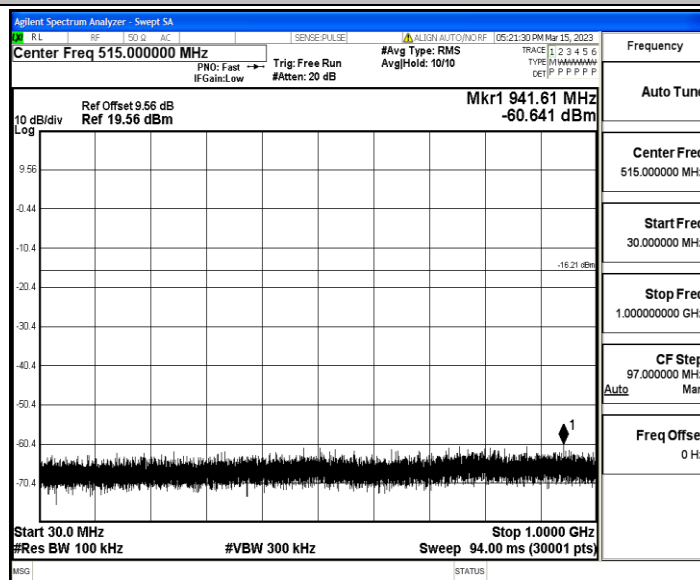
3DH5_Ant1_2402_30~1000



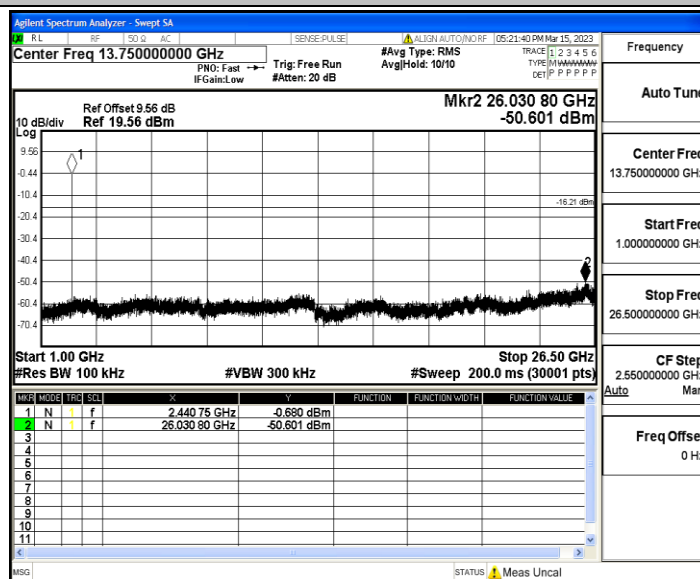
3DH5_Ant1_2402_1000~26500



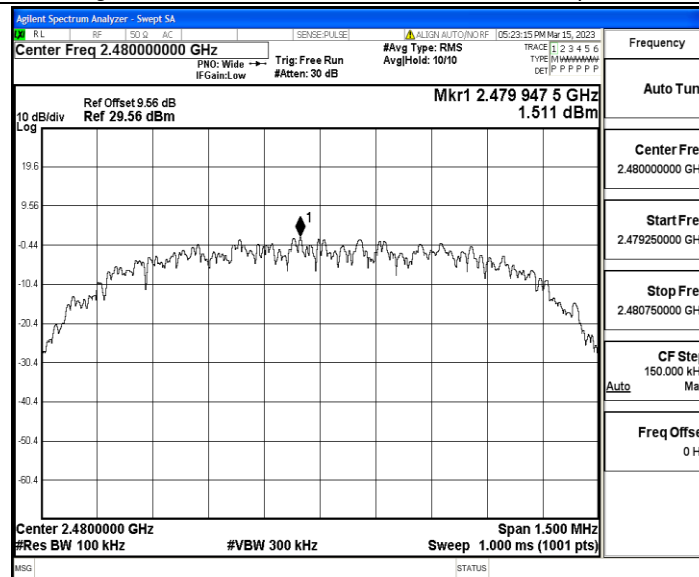
3DH5_Ant1_2441_0~Reference



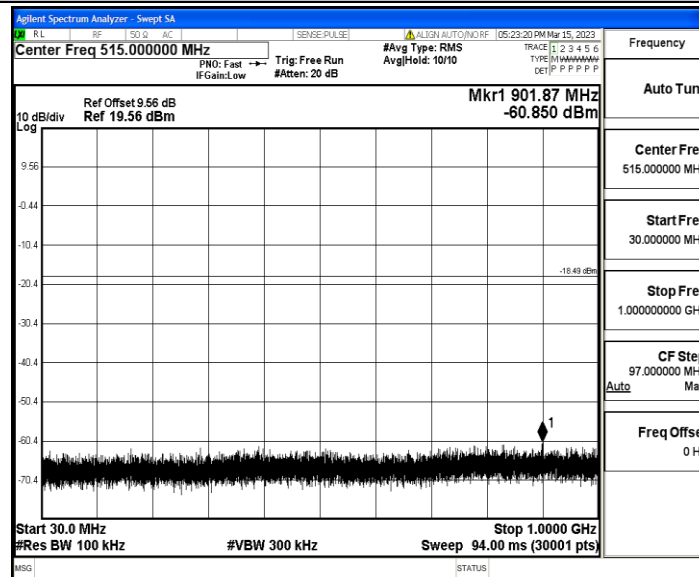
3DH5_Ant1_2441_30~1000



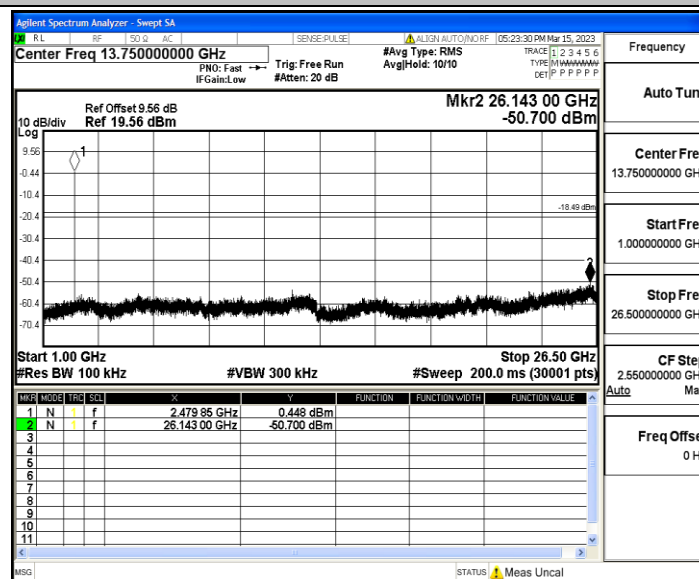
3DH5_Ant1_2441_1000~26500



3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



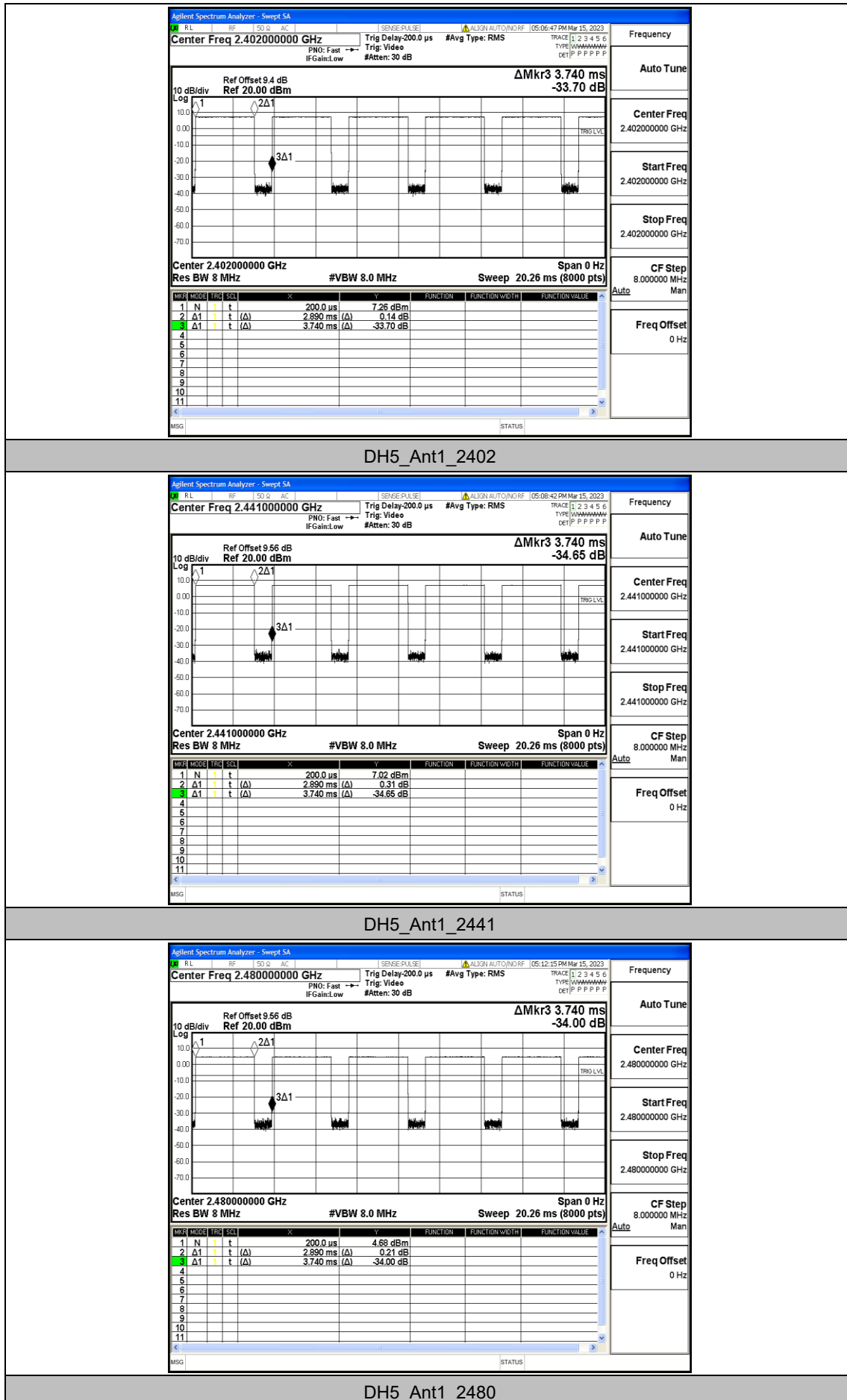
3DH5_Ant1_2480_1000~26500

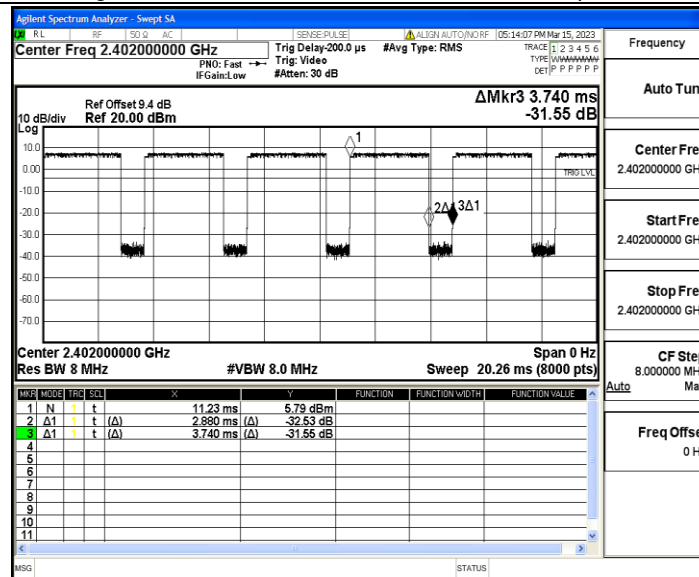
Appendix I: Duty Cycle

Test Result

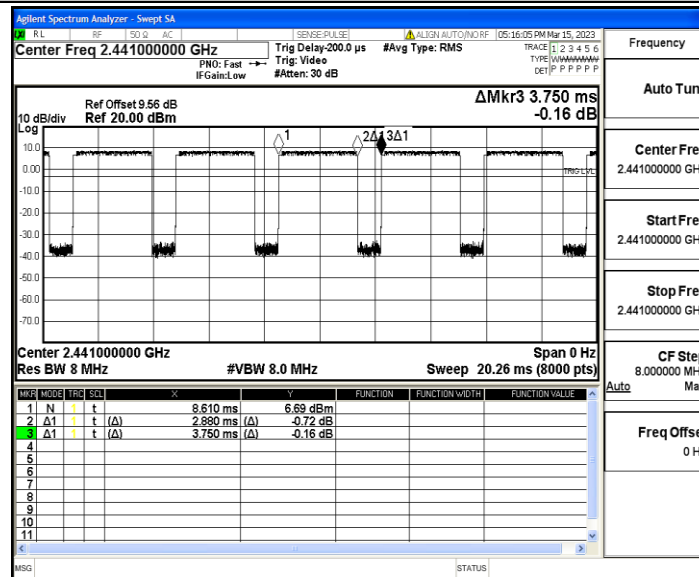
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T[kHz]
DH5	Ant1	2402	2.89	3.74	77.27	0.35
		2441	2.89	3.74	77.27	0.35
		2480	2.89	3.74	77.27	0.35
2DH5	Ant1	2402	2.88	3.74	77.01	0.35
		2441	2.88	3.75	76.80	0.35
		2480	2.88	3.75	76.80	0.35
3DH5	Ant1	2402	2.89	3.75	77.07	0.35
		2441	2.89	3.75	77.07	0.35
		2480	2.88	3.75	76.80	0.35

Test Graphs

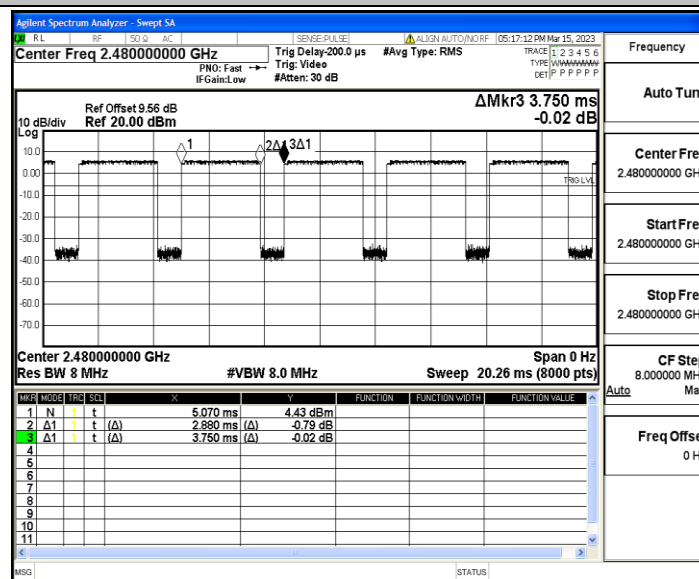




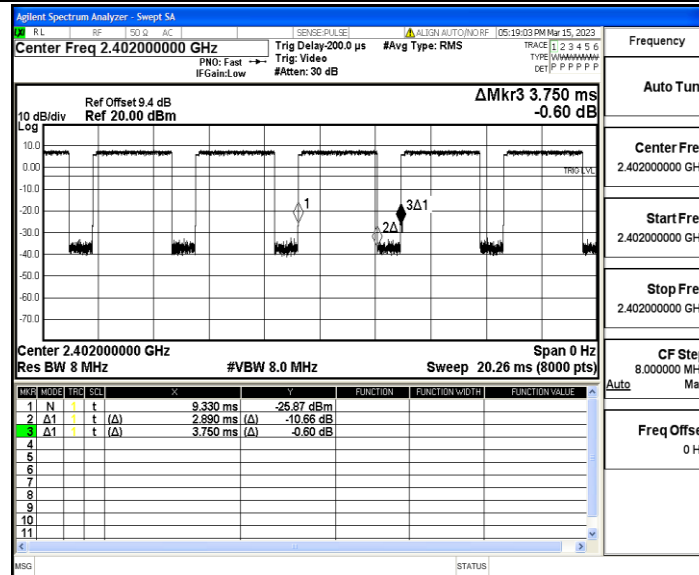
2DH5_Ant1_2402



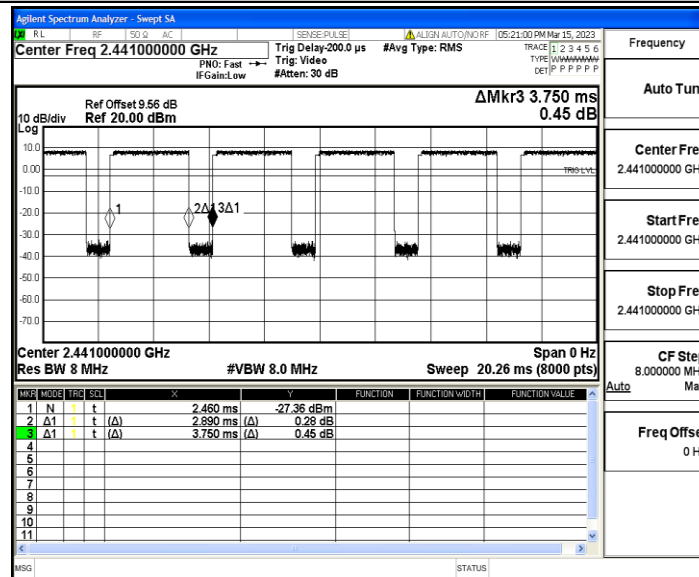
2DH5_Ant1_2441



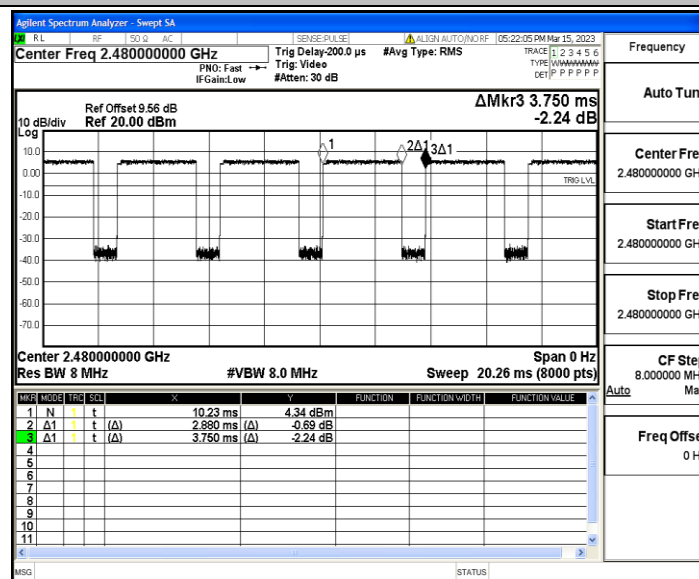
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_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	-48.89	≤-41.20	PASS
				AV	2389.775	-48.55	≤-41.20	PASS
				AV	2390.000	-48.69	≤-41.20	PASS
				Peak	2310.000	-41.55	≤-21.20	PASS
				Peak	2319.845	-39.01	≤-21.20	PASS
				Peak	2390.000	-41.53	≤-21.20	PASS
		High	2480	AV	2483.500	-47.29	≤-41.20	PASS
				AV	2483.520	-47.29	≤-41.20	PASS
				AV	2500.000	-48	≤-41.20	PASS
				Peak	2483.500	-38.56	≤-21.20	PASS
				Peak	2492.080	-38.43	≤-21.20	PASS
				Peak	2500.000	-40.8	≤-21.20	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-48.89	≤-41.20	PASS
				AV	2375.075	-48.6	≤-41.20	PASS
				AV	2390.000	-48.67	≤-41.20	PASS
				Peak	2310.000	-39.67	≤-21.20	PASS
				Peak	2355.965	-38.49	≤-21.20	PASS
				Peak	2390.000	-41.61	≤-21.20	PASS
		High	2480	AV	2483.500	-46.38	≤-41.20	PASS
				AV	2483.520	-46.38	≤-41.20	PASS
				AV	2500.000	-48.01	≤-41.20	PASS
				Peak	2483.500	-39.15	≤-21.20	PASS
				Peak	2498.160	-38.61	≤-21.20	PASS
				Peak	2500.000	-41.96	≤-21.20	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-48.73	≤-41.20	PASS
				AV	2389.460	-48.56	≤-41.20	PASS
				AV	2390.000	-48.57	≤-41.20	PASS
				Peak	2310.000	-43.13	≤-21.20	PASS
				Peak	2357.645	-37.11	≤-21.20	PASS
				Peak	2390.000	-41.01	≤-21.20	PASS
		High	2480	AV	2483.500	-46.41	≤-41.20	PASS
				AV	2483.520	-46.41	≤-41.20	PASS
				AV	2500.000	-47.91	≤-41.20	PASS
				Peak	2483.500	-36	≤-21.20	PASS
				Peak	2483.520	-36	≤-21.20	PASS
				Peak	2500.000	-41.98	≤-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.