

Appendix Test Data for BT(BDR/EDR) (Conducted Measurement)**Product Name: Headset****Trade Mark: N/A****Test Model: P8B****FCC ID: 2BEFJ-P8B****Environmental Conditions**

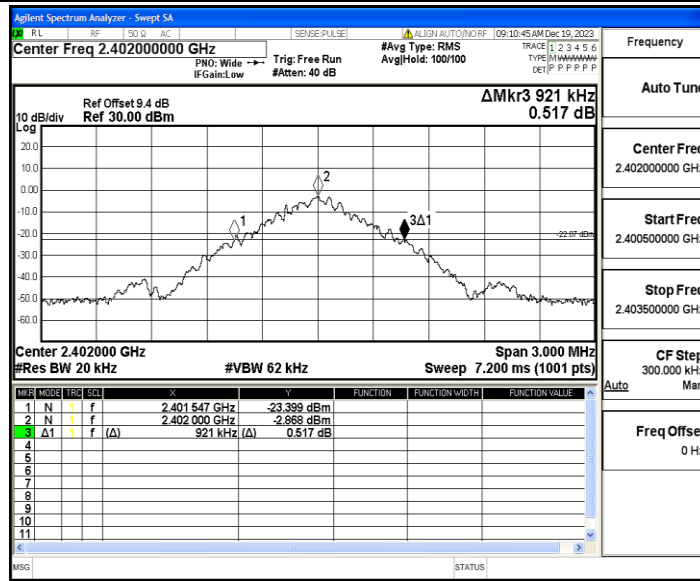
Temperature:	25.5°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

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

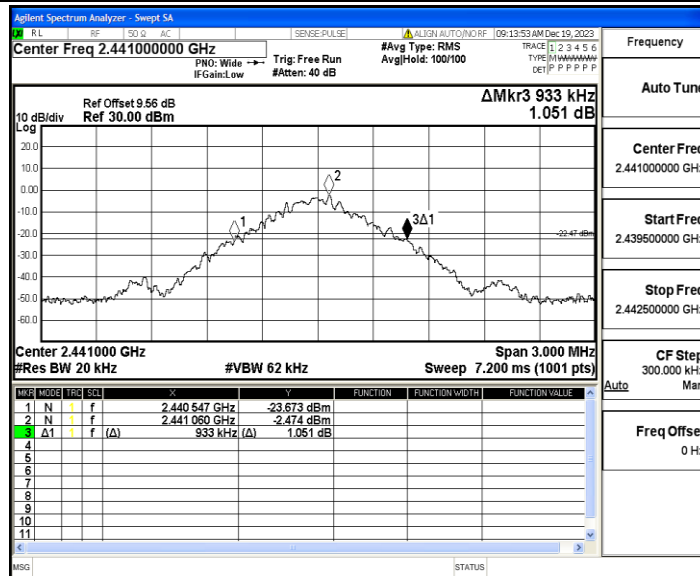
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.921	2401.547	2402.468	---	---
		2441	0.933	2440.547	2441.480	---	---
		2480	0.963	2479.514	2480.477	---	---
2DH5	Ant1	2402	1.287	2401.349	2402.636	---	---
		2441	1.299	2440.352	2441.651	---	---
		2480	1.287	2479.367	2480.654	---	---

Test Graphs

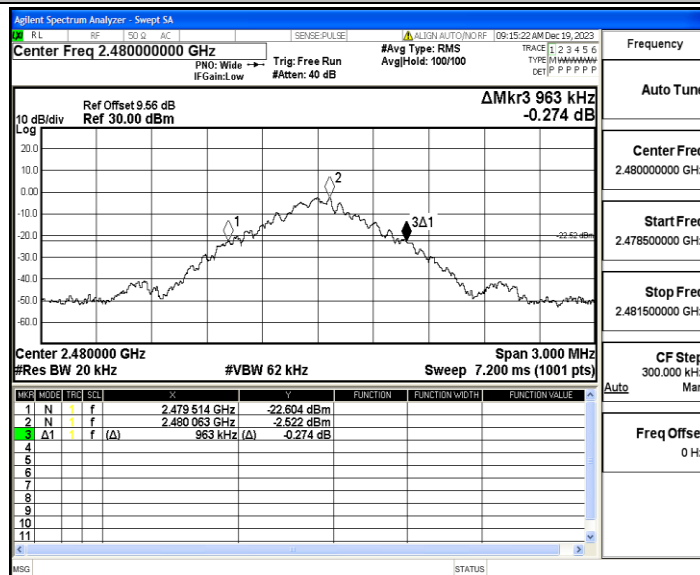
DH5_Ant1_2402



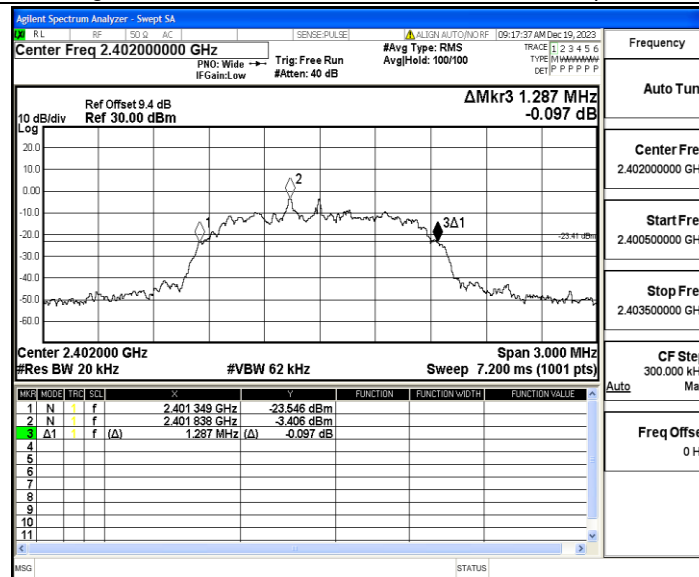
DH5_Ant1_2441



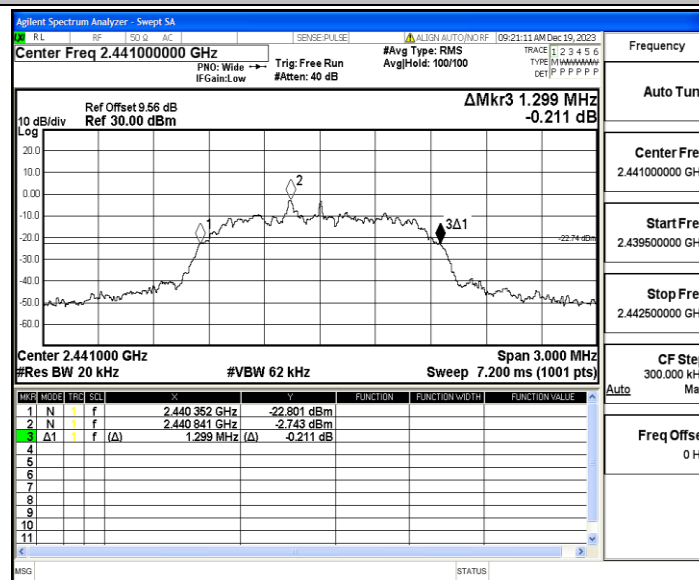
DH5_Ant1_2480



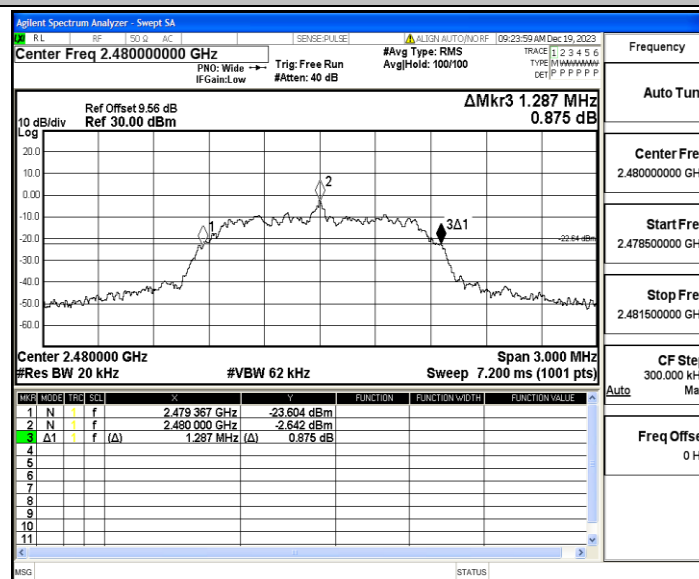
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



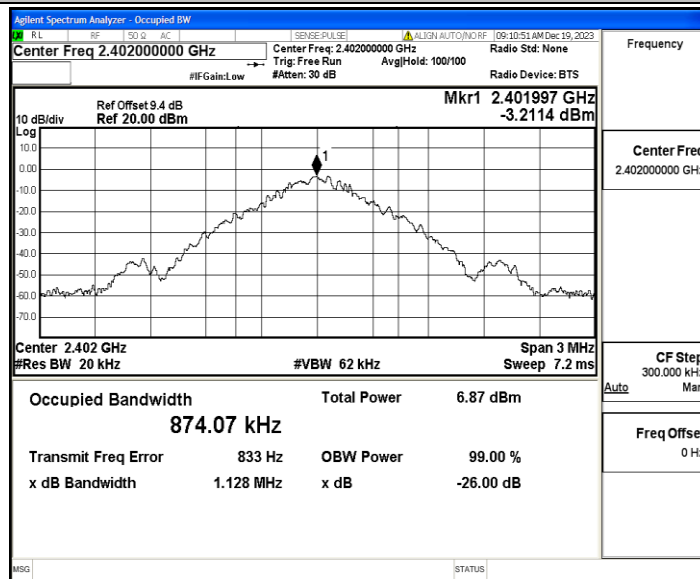
Appendix B: Occupied Channel Bandwidth

Test Result

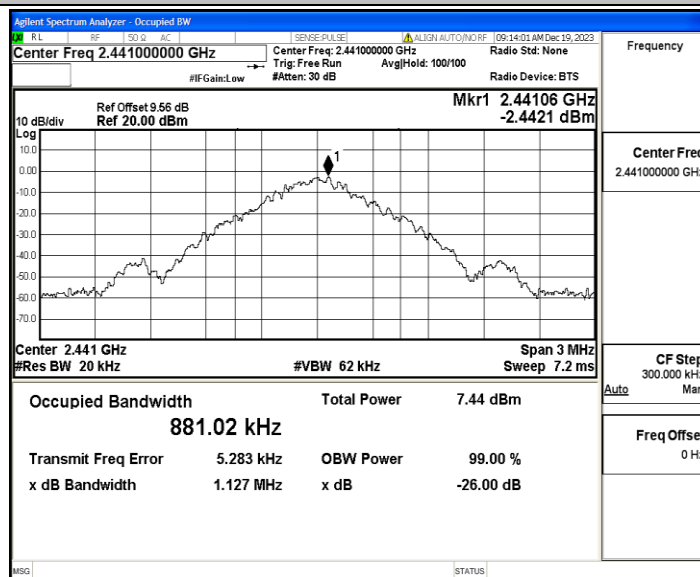
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87407	2401.5638	2402.4379	---	---
		2441	0.88102	2440.5648	2441.4458	---	---
		2480	0.88868	2479.5615	2480.4502	---	---
2DH5	Ant1	2402	1.1853	2401.4123	2402.5976	---	---
		2441	1.1914	2440.4078	2441.5992	---	---
		2480	1.1903	2479.4086	2480.5989	---	---

Test Graphs

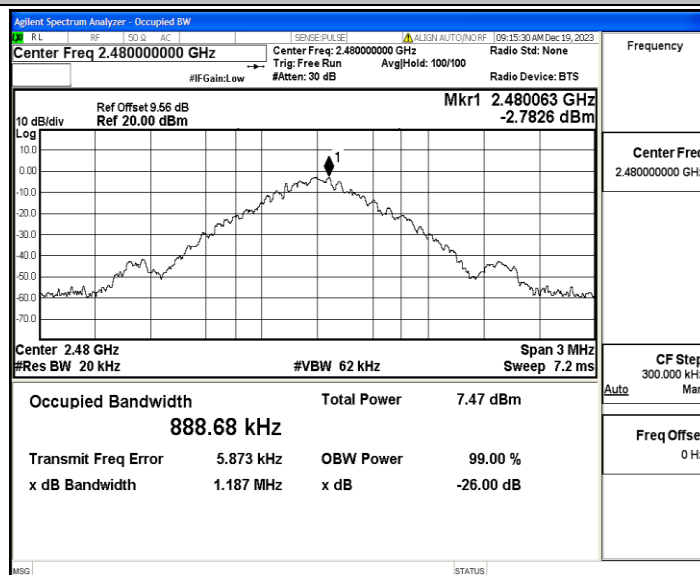
DH5_Ant1_2402



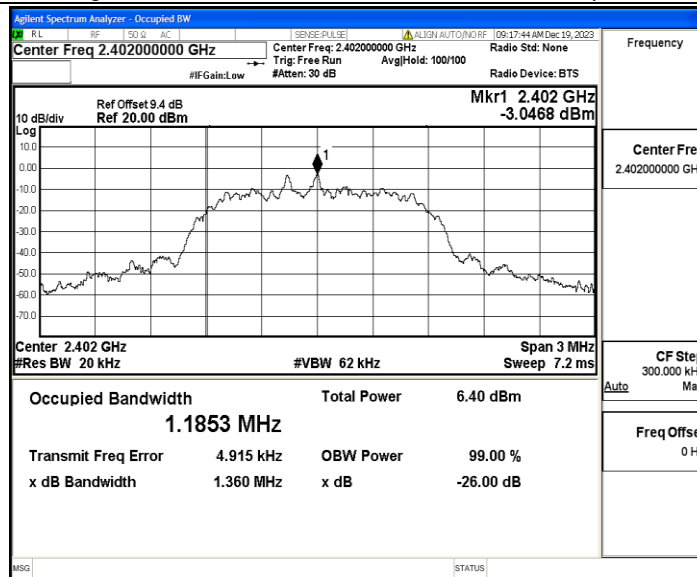
DH5_Ant1_2441



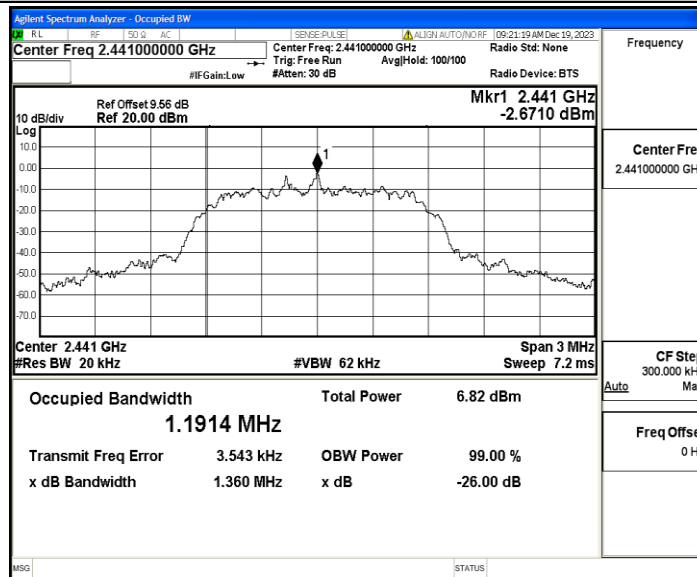
DH5_Ant1_2480



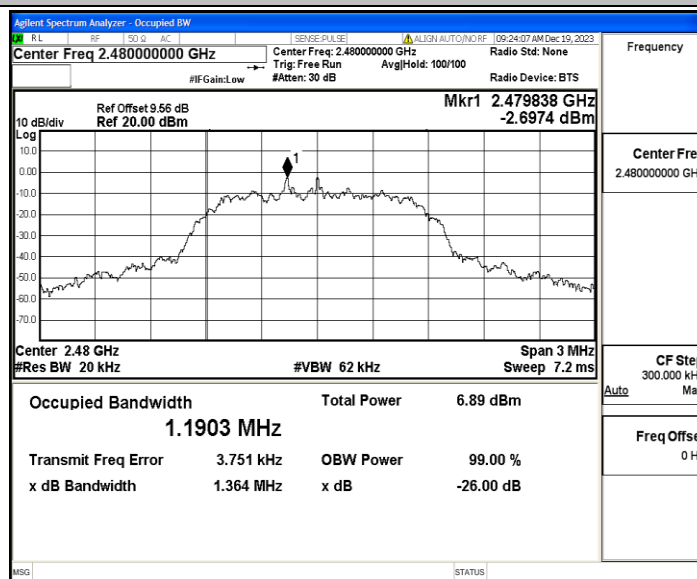
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



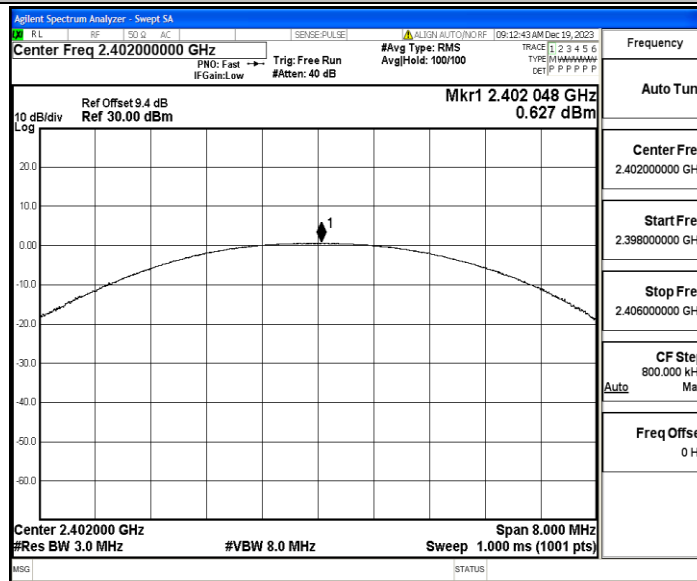
Appendix C: Maximum Peak conducted output power

Test Result

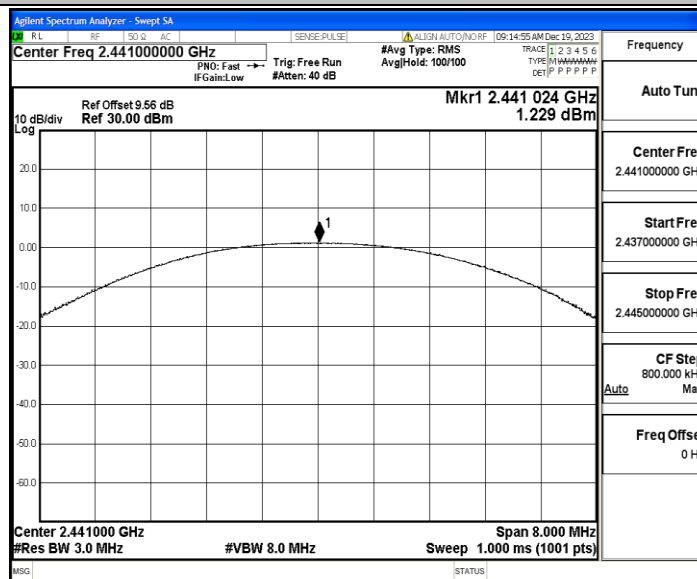
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.63	≤30	PASS
		2441	1.23	≤30	PASS
		2480	1.18	≤30	PASS
2DH5	Ant1	2402	1.39	≤20.97	PASS
		2441	1.91	≤20.97	PASS
		2480	1.96	≤20.97	PASS

Test Graphs

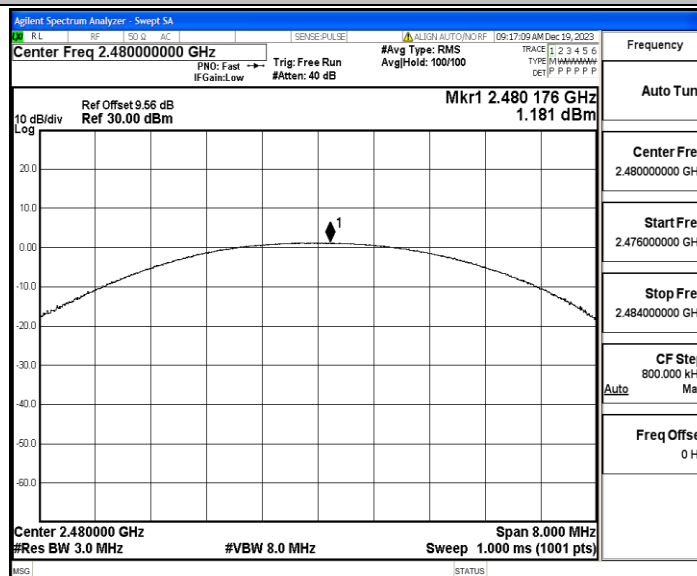
DH5_Ant1_2402



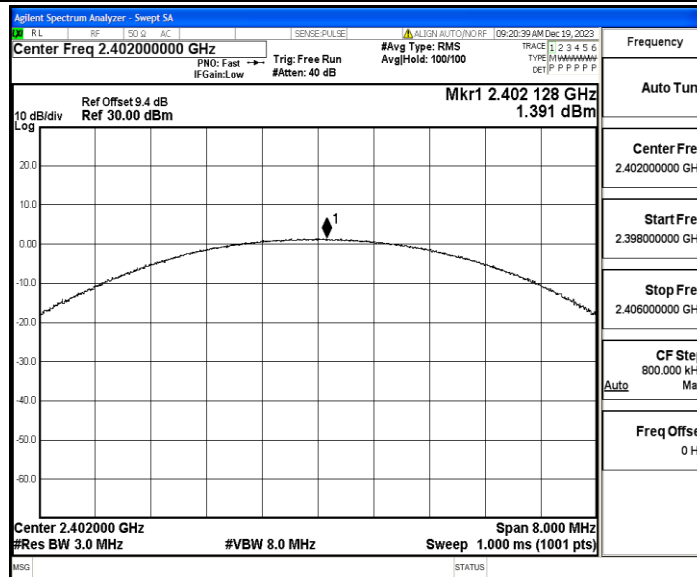
DH5_Ant1_2441



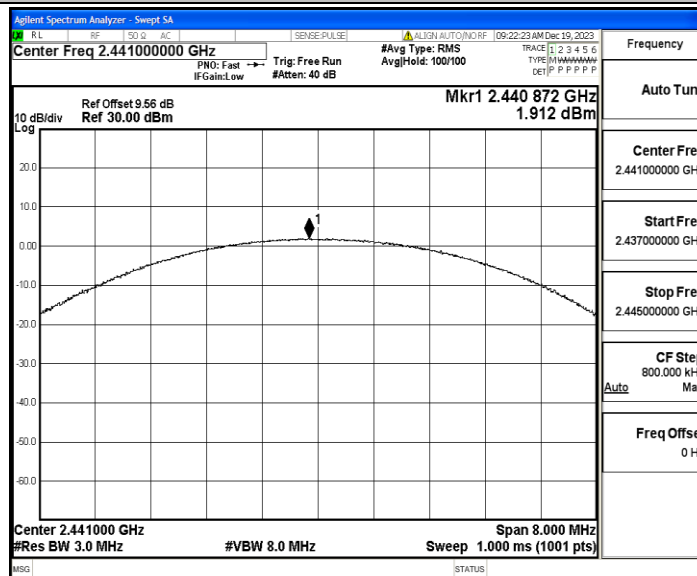
DH5_Ant1_2480



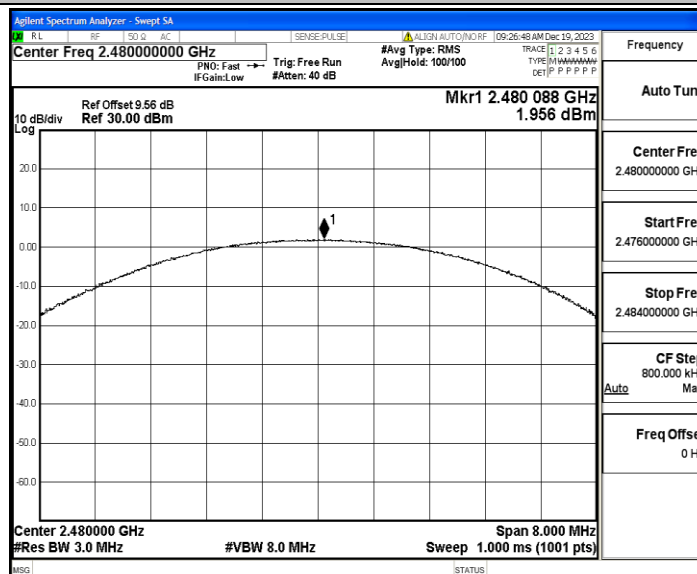
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480

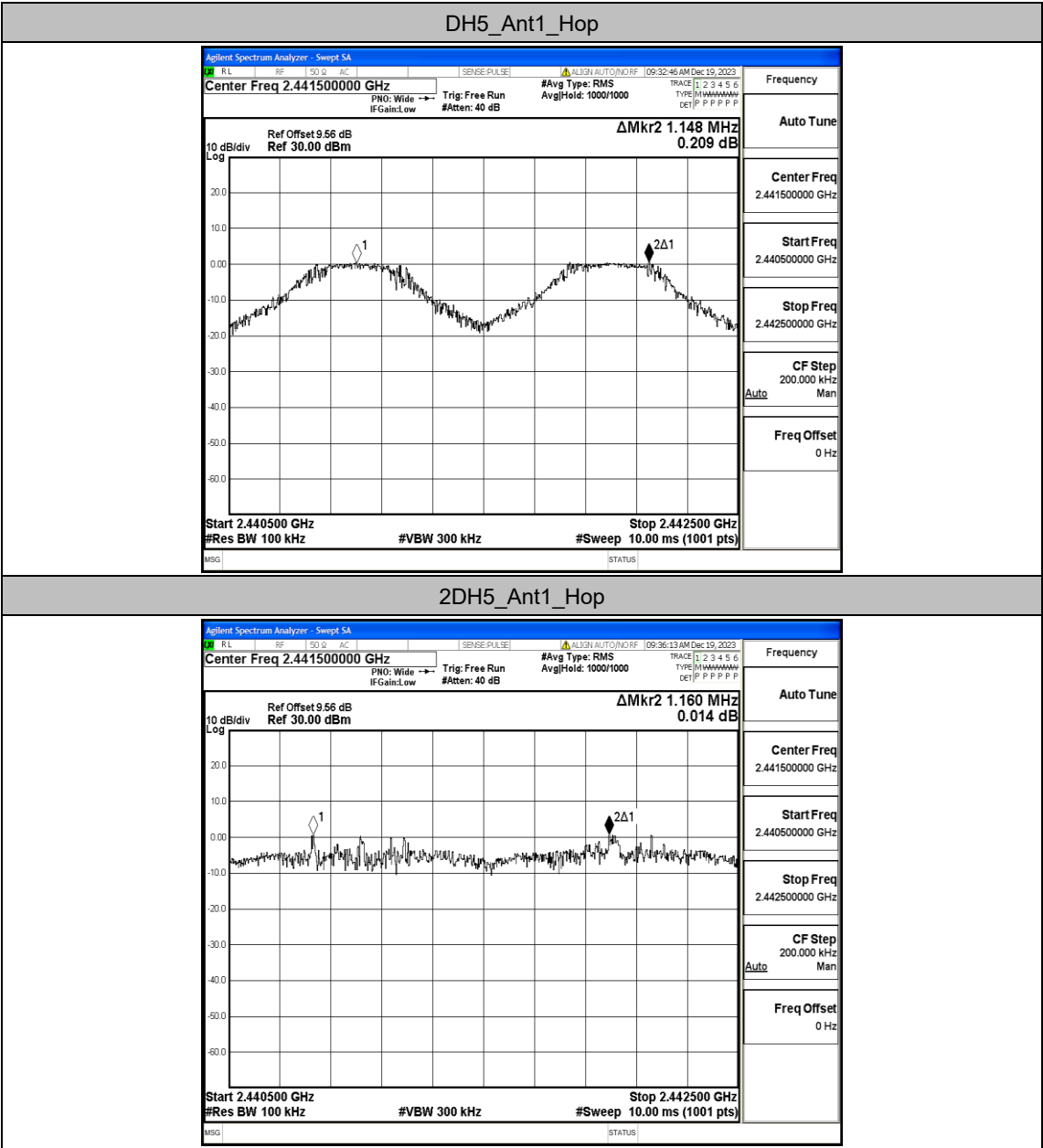


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.148	≥ 0.963	PASS
2DH5	Ant1	Hop	1.16	≥ 0.866	PASS

Test Graphs

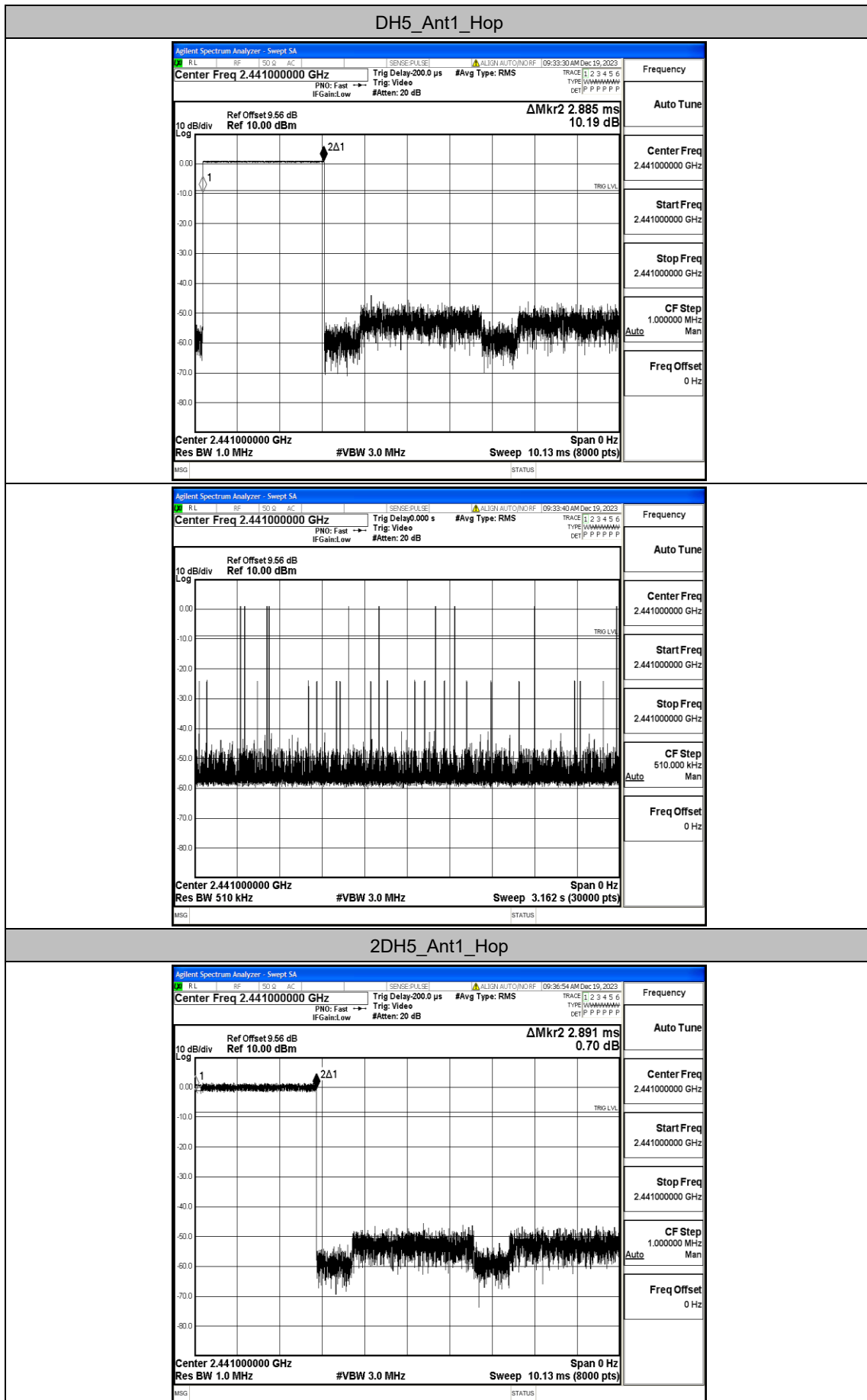


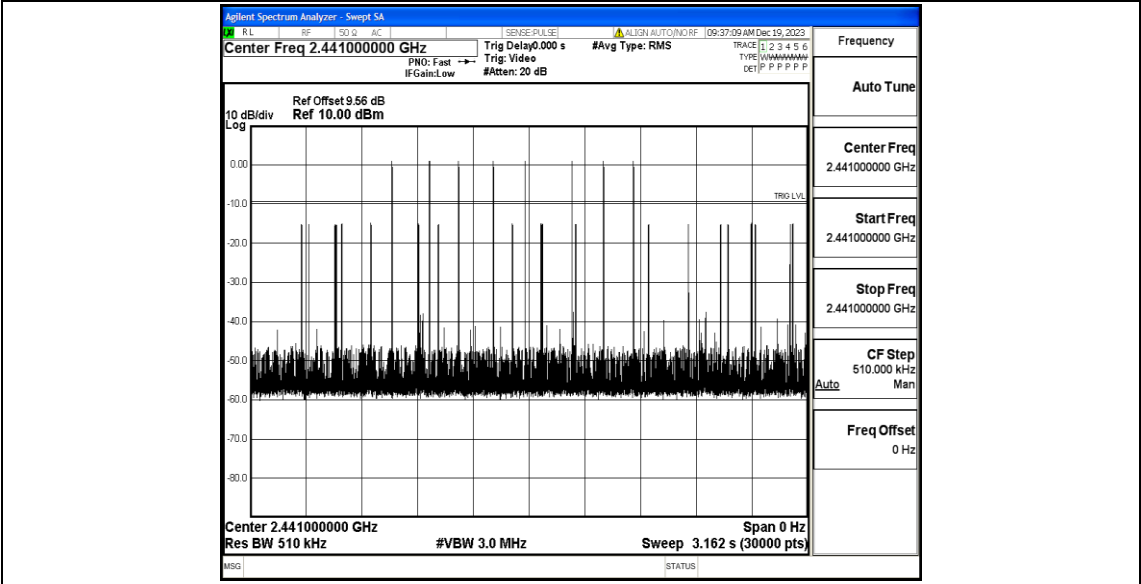
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.885	110	0.317	≤0.4	PASS
2DH5	Ant1	Hop	2.891	90	0.26	≤0.4	PASS

Test Graphs





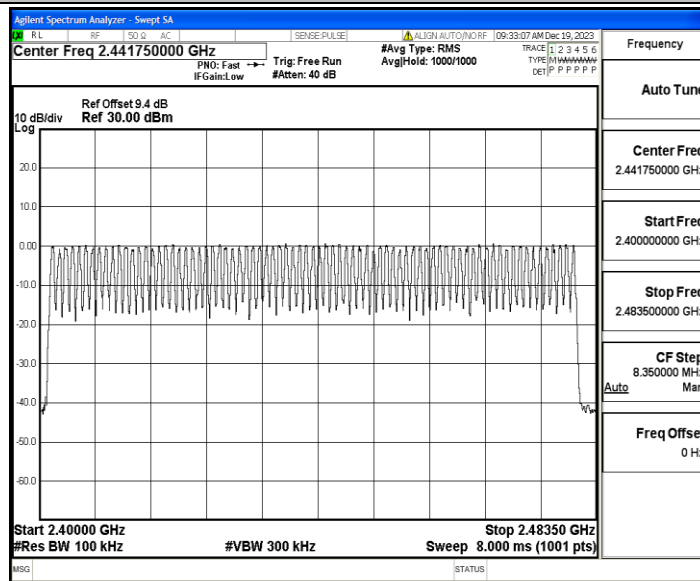
Appendix F: Number of hopping channels

Test Result

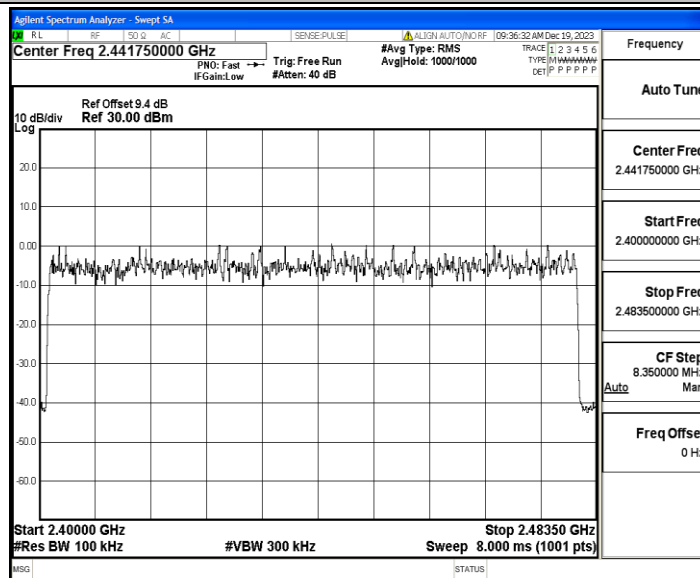
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

DH5_Ant1_Hop



2DH5_Ant1_Hop



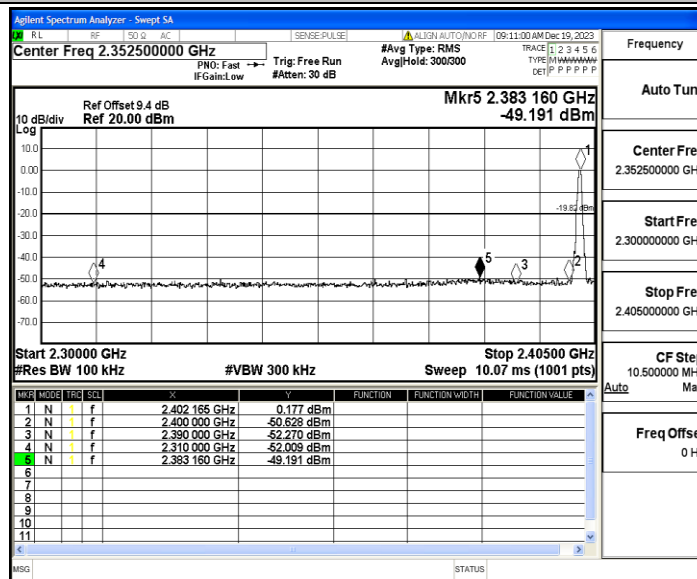
Appendix G: Band edge measurements

Test Result

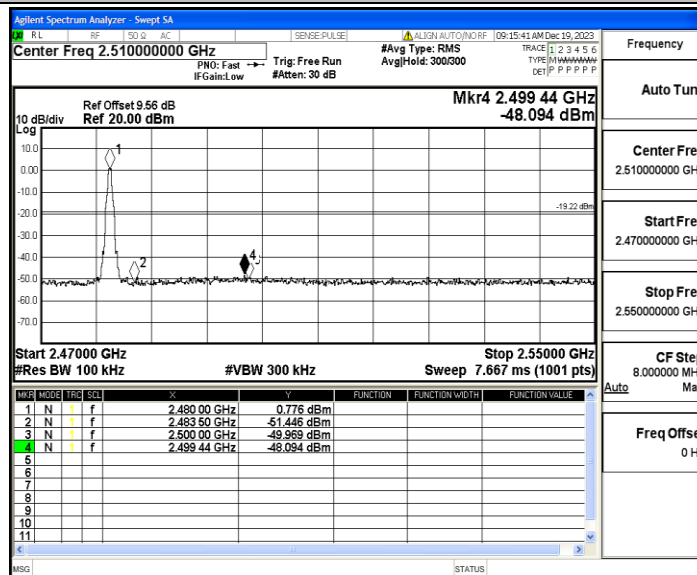
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.18	-49.19	≤ -19.82	PASS
		High	2480	0.78	-48.09	≤ -19.22	PASS
		Low	Hop_2402	-0.30	-49.97	≤ -20.3	PASS
		High	Hop_2480	0.56	-49.14	≤ -19.44	PASS
2DH5	Ant1	Low	2402	0.05	-48.16	≤ -19.96	PASS
		High	2480	0.86	-48.25	≤ -19.14	PASS
		Low	Hop_2402	-1.72	-49.58	≤ -21.72	PASS
		High	Hop_2480	0.19	-48.58	≤ -19.82	PASS

Test Graphs

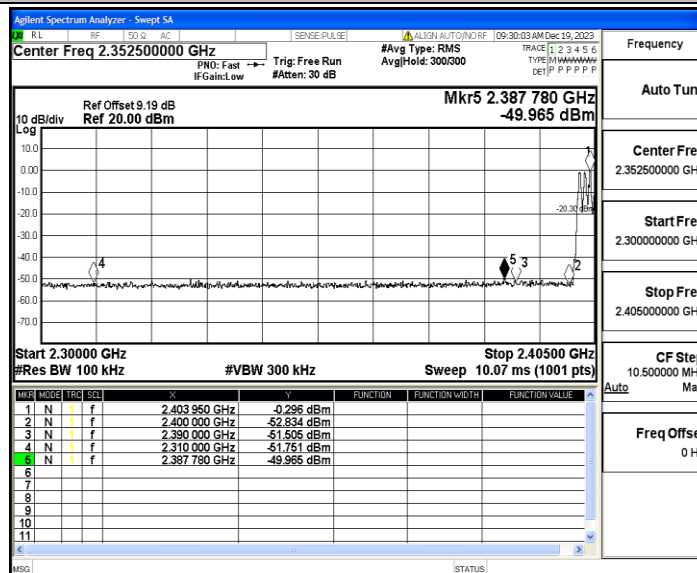
DH5_Ant1_Low_2402



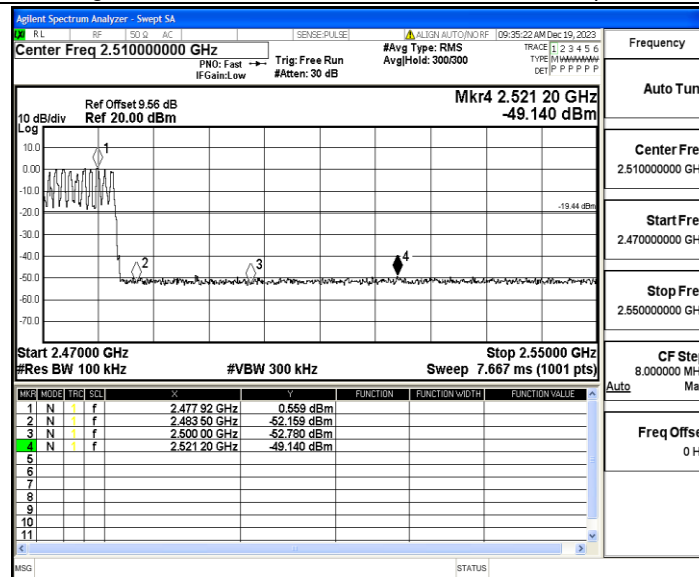
DH5_Ant1_High_2480



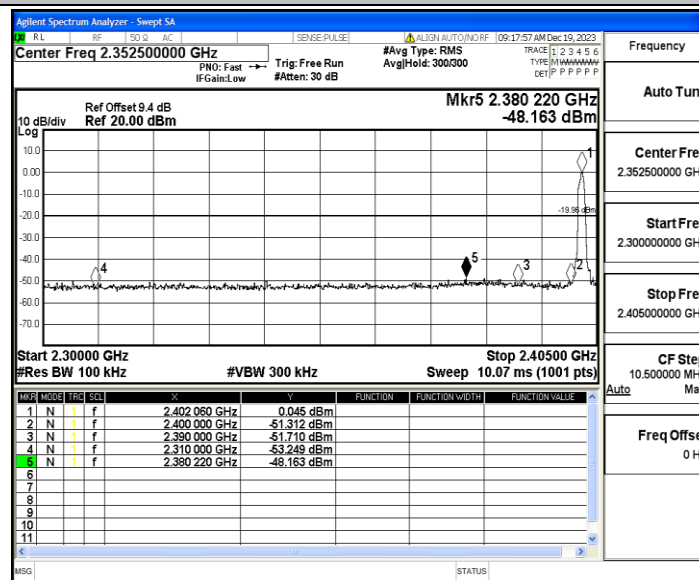
DH5_Ant1_Low_Hop_2402



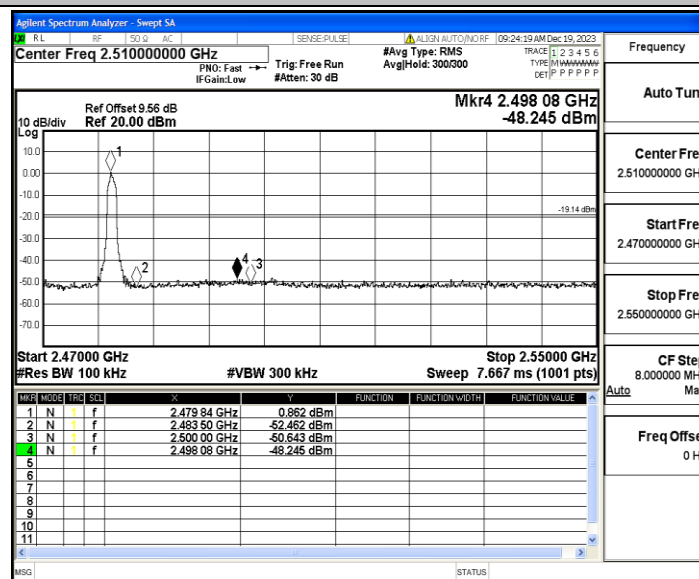
DH5_Ant1_High_Hop_2480



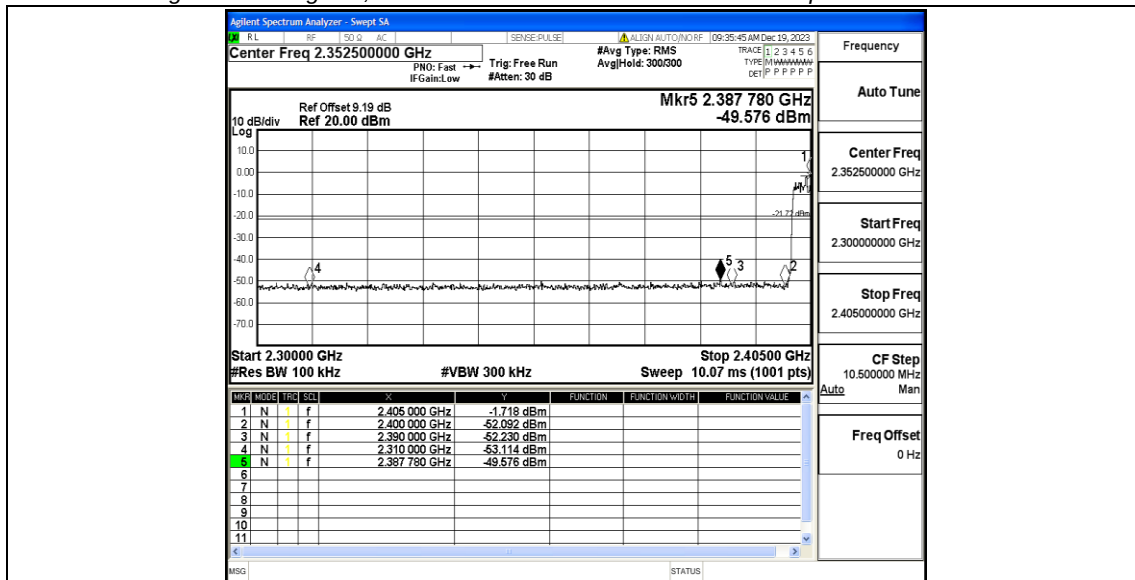
2DH5_Ant1_Low_2402



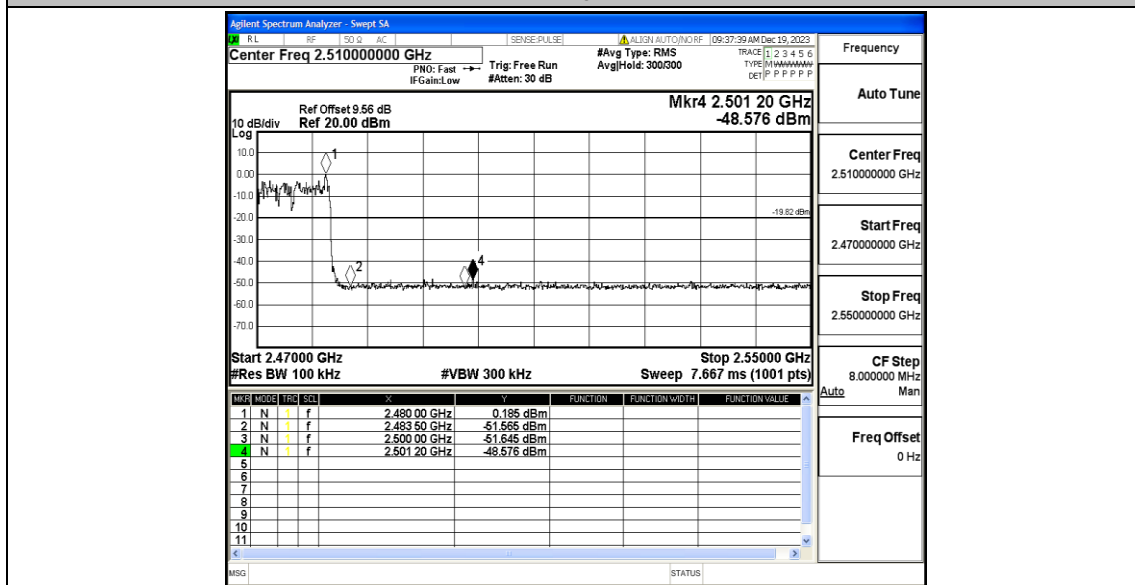
2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480



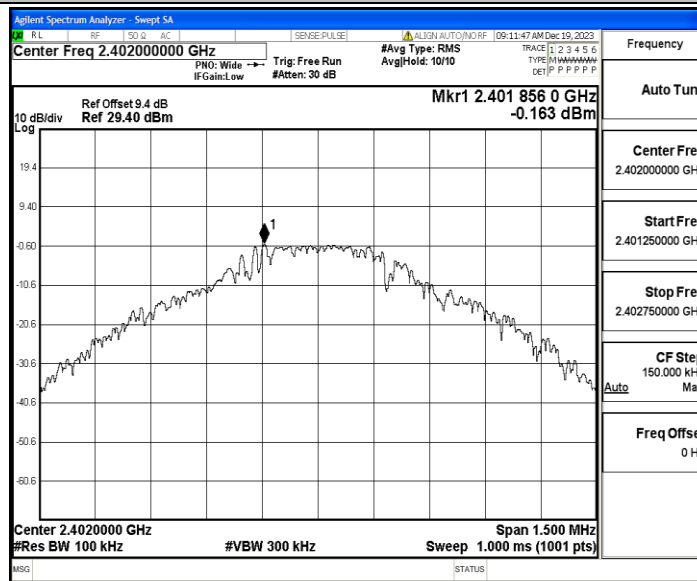
Appendix H: Conducted Spurious Emission

Test Result

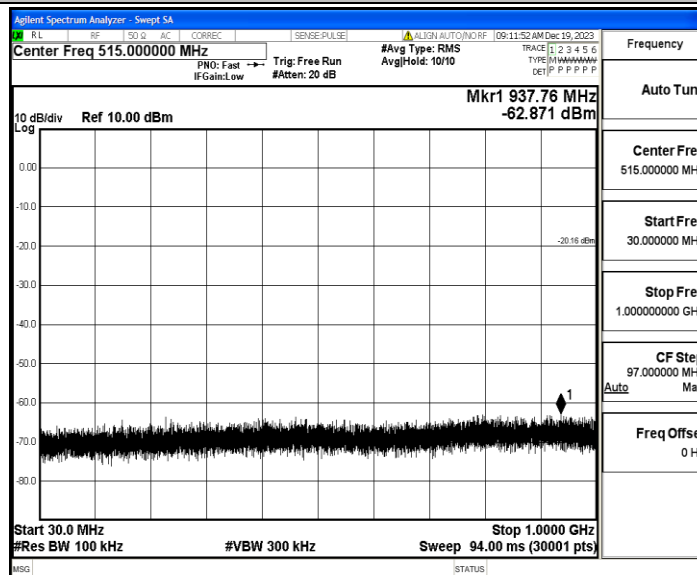
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.16	-0.16	---	PASS
			30~1000	-0.16	-62.87	≤-20.16	PASS
			1000~26500	-0.16	-45.54	≤-20.16	PASS
		2441	Reference	0.25	0.25	---	PASS
			30~1000	0.25	-62.22	≤-19.75	PASS
			1000~26500	0.25	-43.01	≤-19.75	PASS
		2480	Reference	0.32	0.32	---	PASS
			30~1000	0.32	-61.34	≤-19.68	PASS
			1000~26500	0.32	-41.08	≤-19.68	PASS
2DH5	Ant1	2402	Reference	-3.62	-3.62	---	PASS
			30~1000	-3.62	-61.58	≤-23.62	PASS
			1000~26500	-3.62	-44.87	≤-23.62	PASS
		2441	Reference	-0.58	-0.58	---	PASS
			30~1000	-0.58	-62.18	≤-20.58	PASS
			1000~26500	-0.58	-43.11	≤-20.58	PASS
		2480	Reference	-0.40	-0.40	---	PASS
			30~1000	-0.40	-62.05	≤-20.4	PASS
			1000~26500	-0.40	-41.56	≤-20.4	PASS

Test Graphs

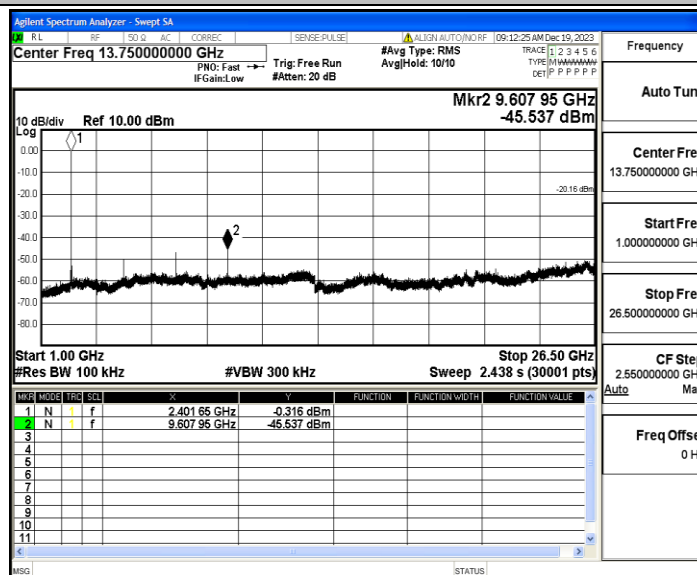
DH5_Ant1_2402_0~Reference



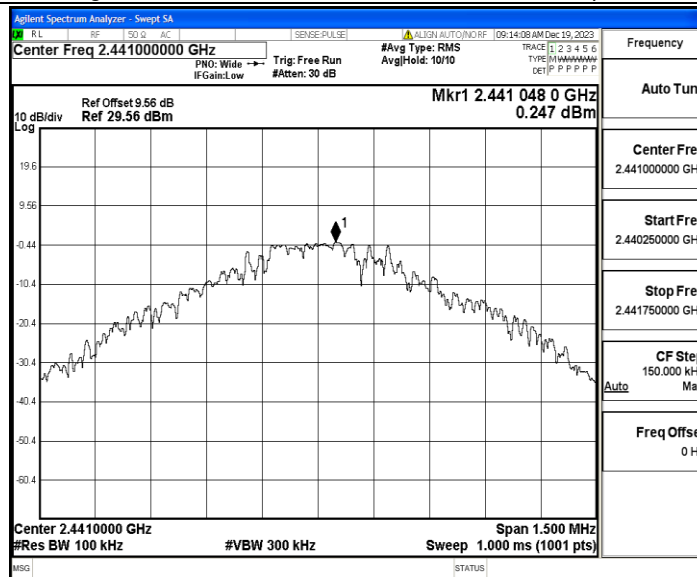
DH5_Ant1_2402_30~1000



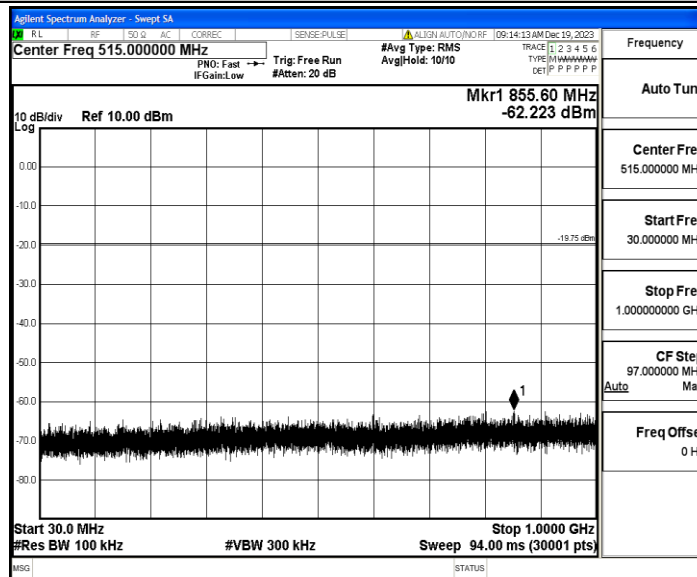
DH5_Ant1_2402_1000~26500



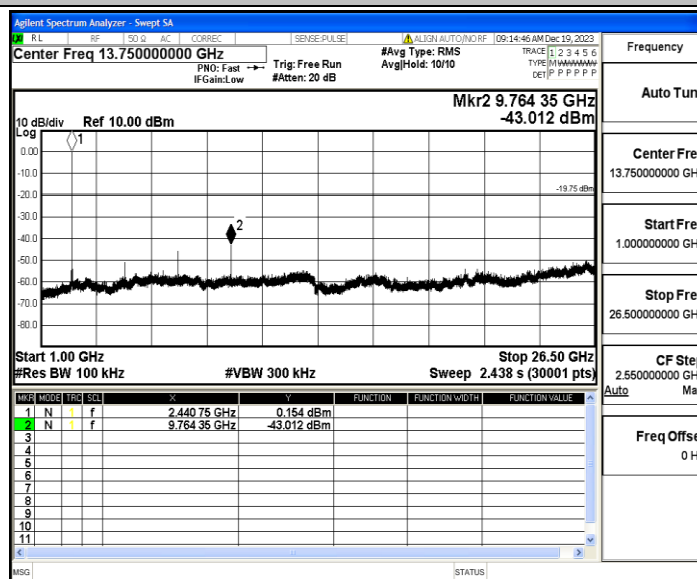
DH5_Ant1_2441_0~Reference



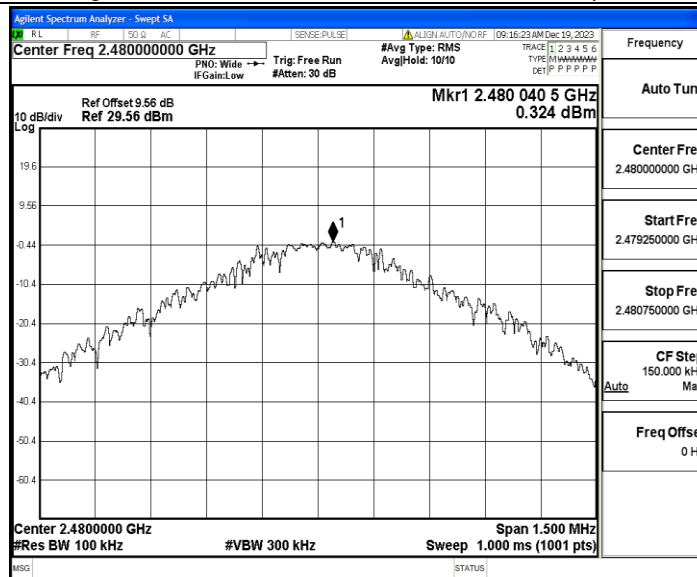
DH5_Ant1_2441_30~1000



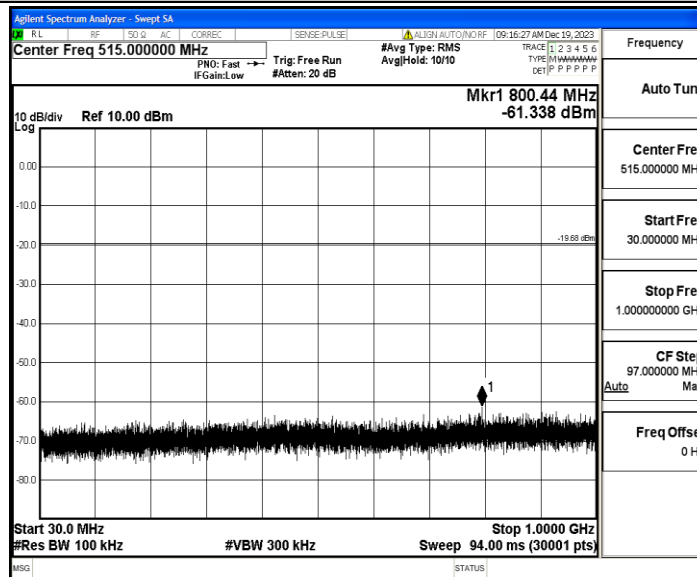
DH5_Ant1_2441_1000~26500



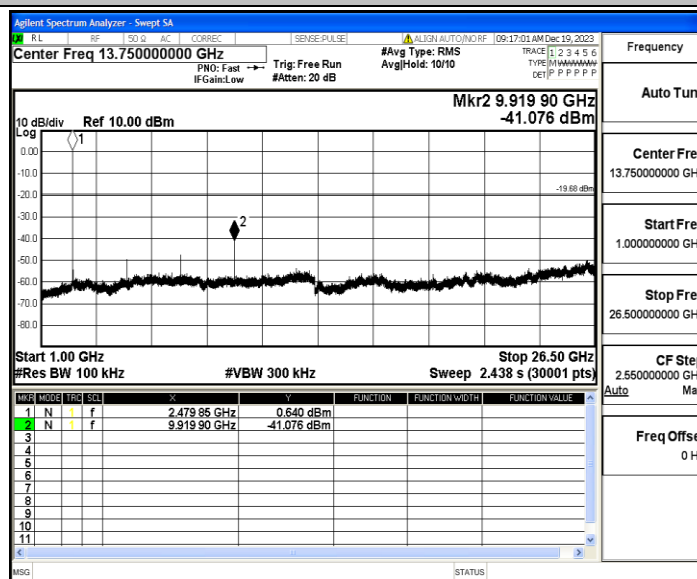
DH5_Ant1_2480_0~Reference



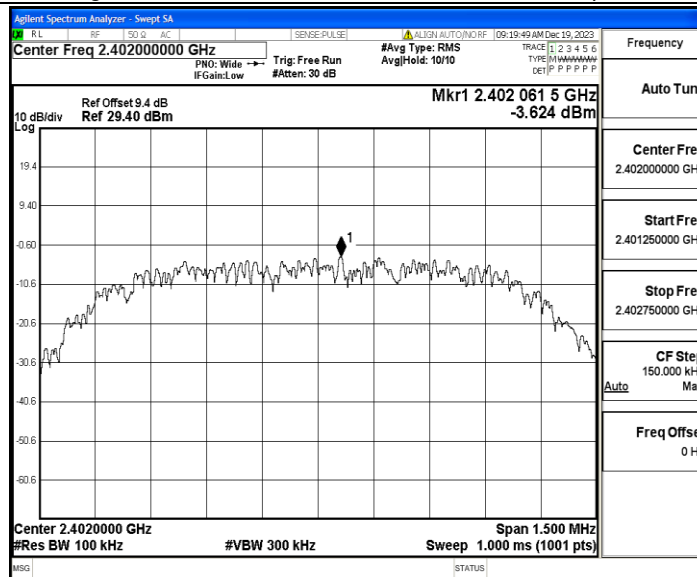
DH5_Ant1_2480_30~1000



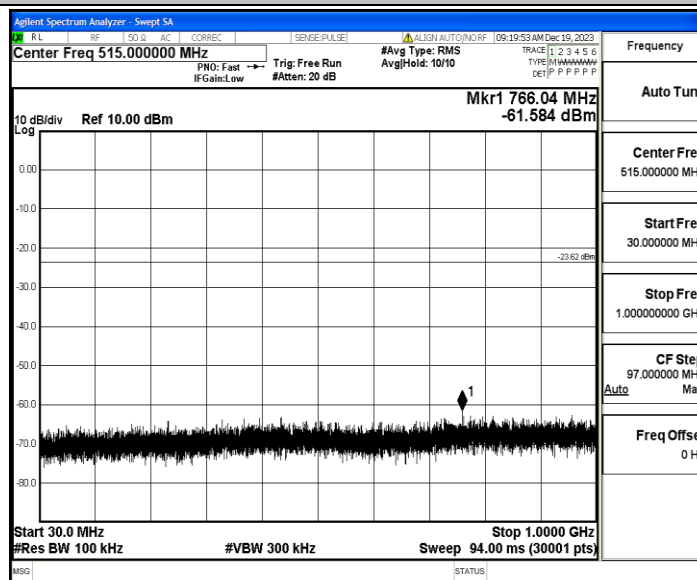
DH5_Ant1_2480_1000~26500



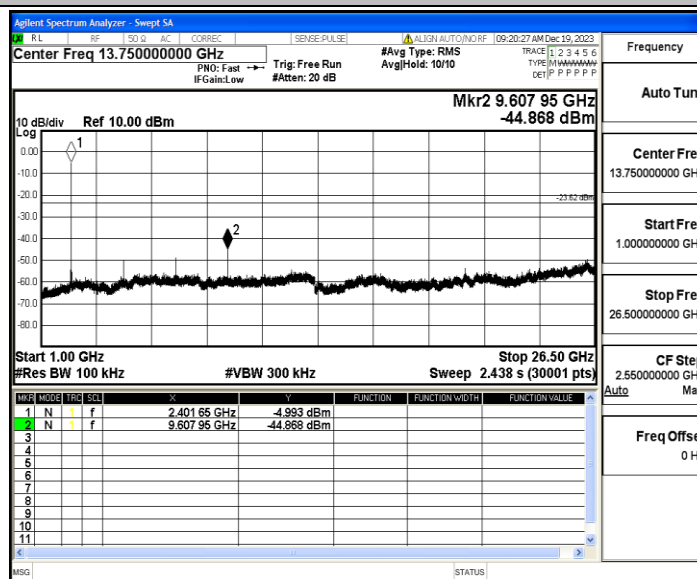
2DH5_Ant1_2402_0~Reference



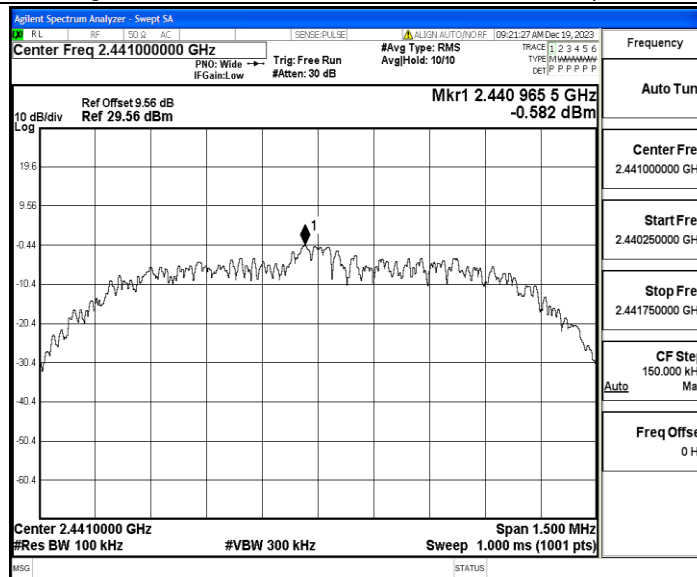
2DH5_Ant1_2402_30~1000



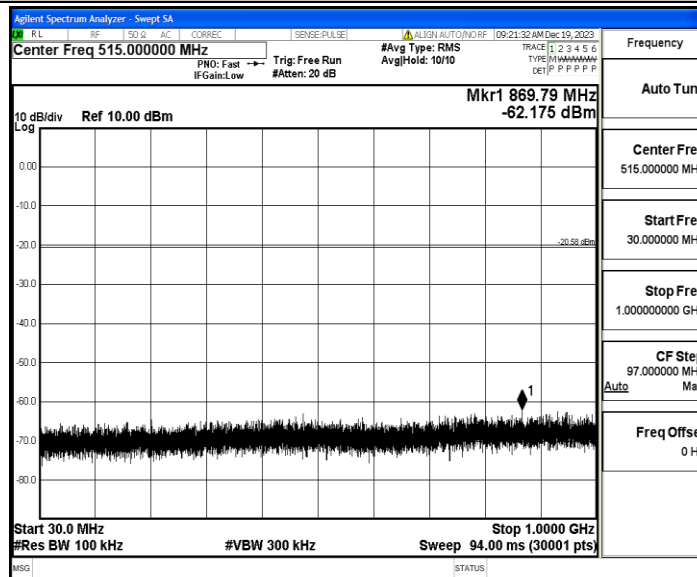
2DH5_Ant1_2402_1000~26500



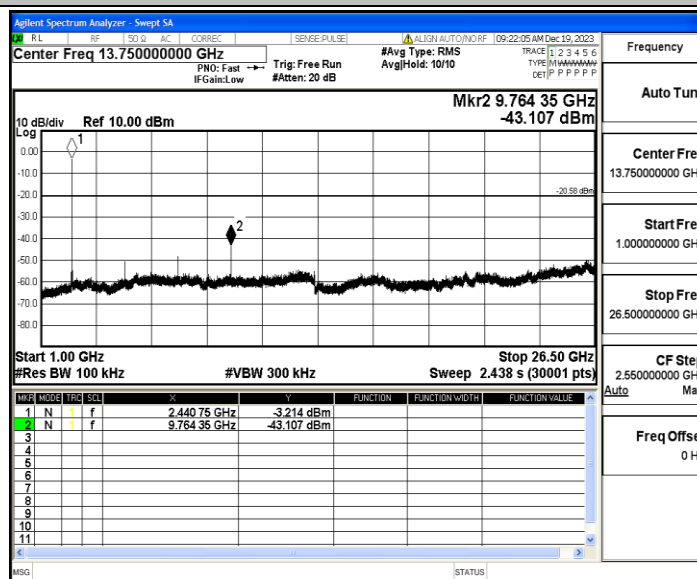
2DH5_Ant1_2441_0~Reference



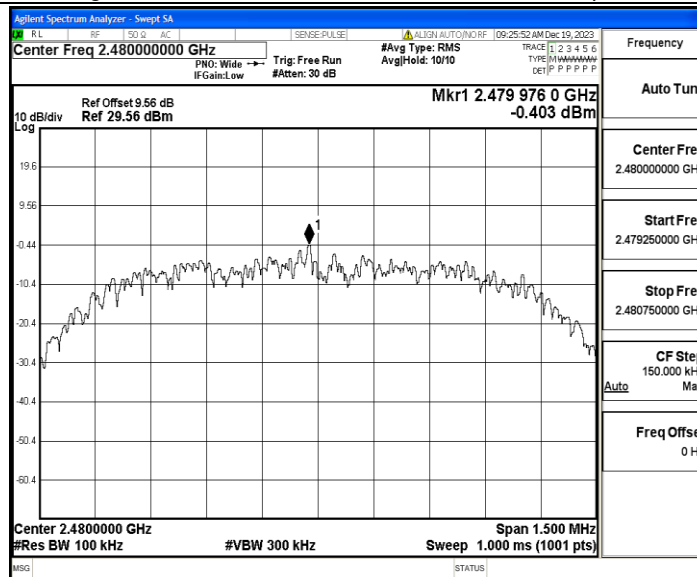
2DH5_Ant1_2441_30~1000



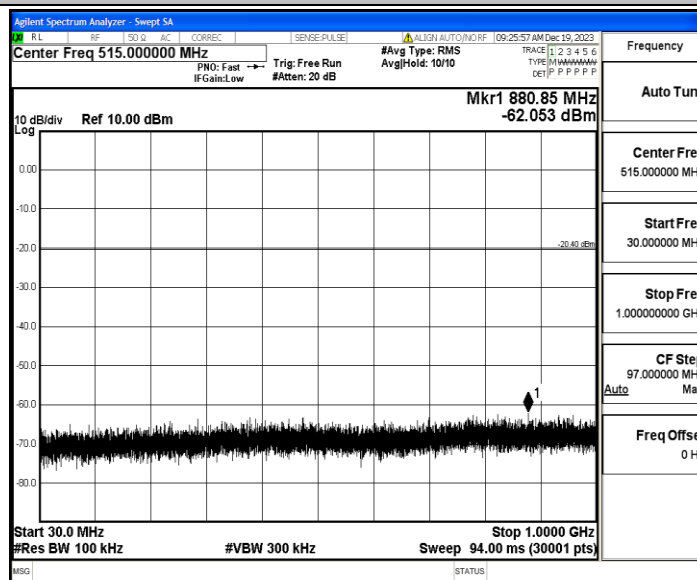
2DH5_Ant1_2441_1000~26500



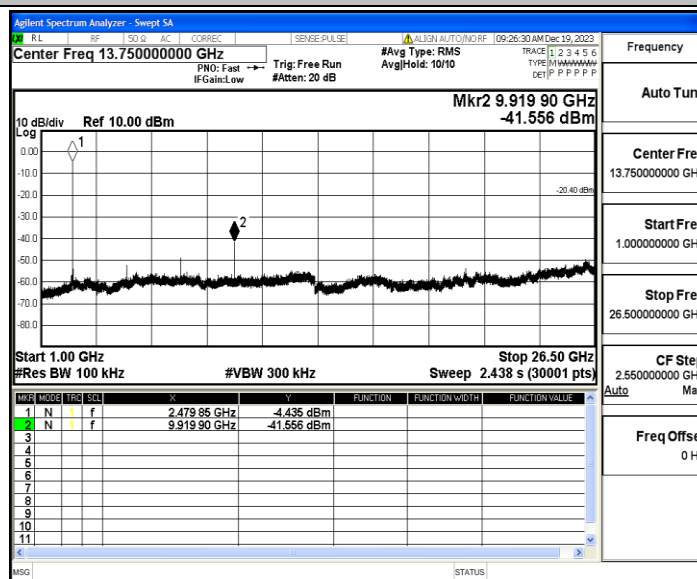
2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000



2DH5_Ant1_2480_1000~26500



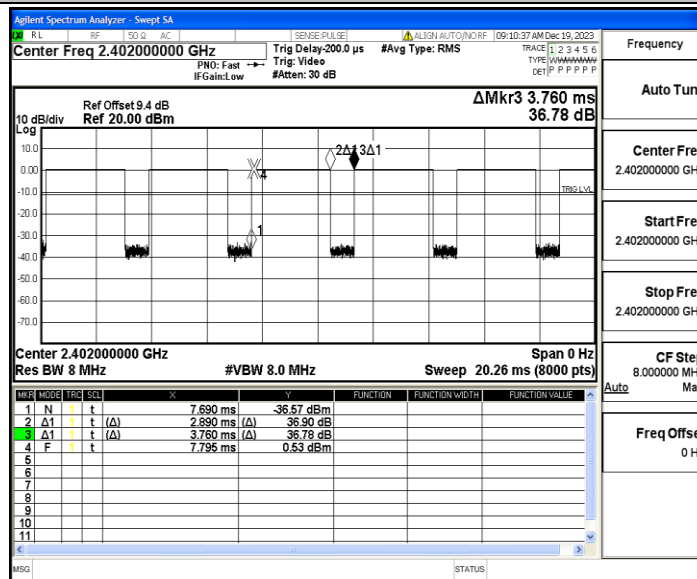
Appendix I: Duty Cycle

Test Result

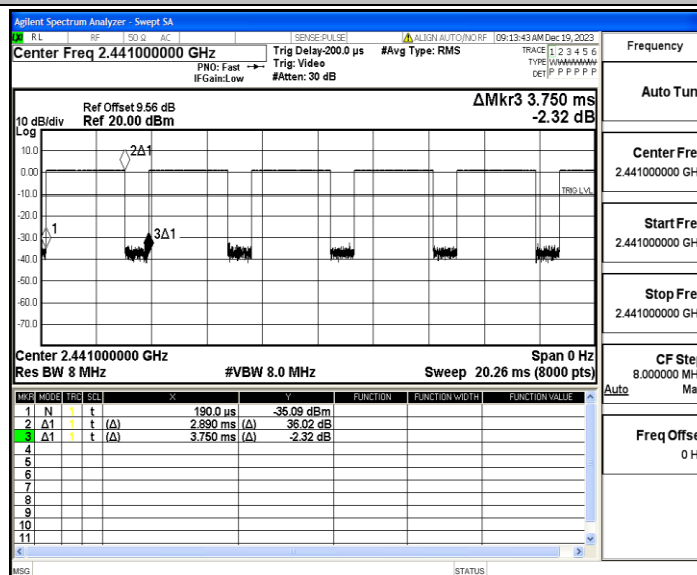
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T[kHz]
DH5	Ant1	2402	2.89	3.76	76.86	0.35
		2441	2.89	3.75	77.07	0.35
		2480	2.88	3.74	77.01	0.35
2DH5	Ant1	2402	0.00	0.85	100	∞
		2441	0.00	0.85	100	∞
		2480	0.00	0.85	100	∞

Test Graphs

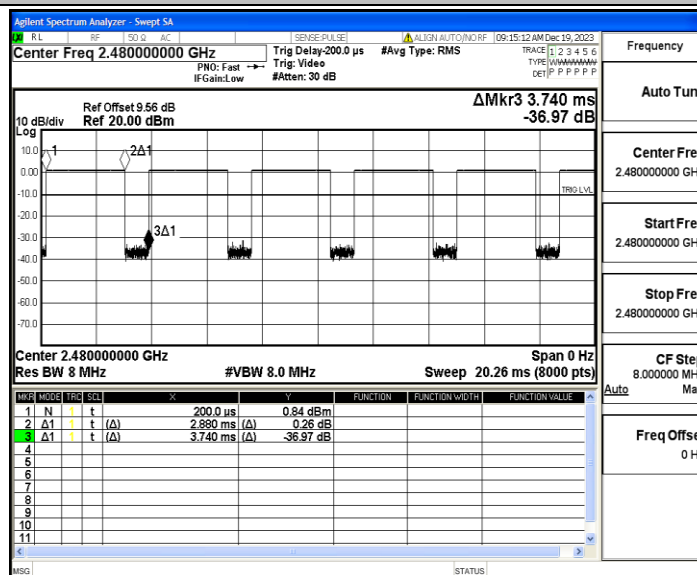
DH5_Ant1_2402



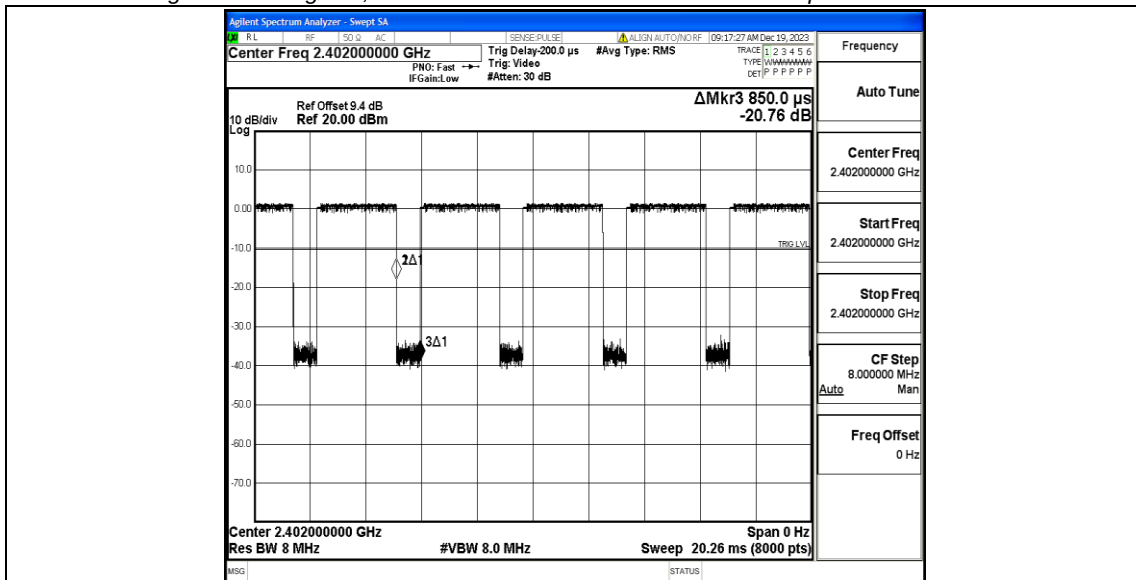
DH5_Ant1_2441



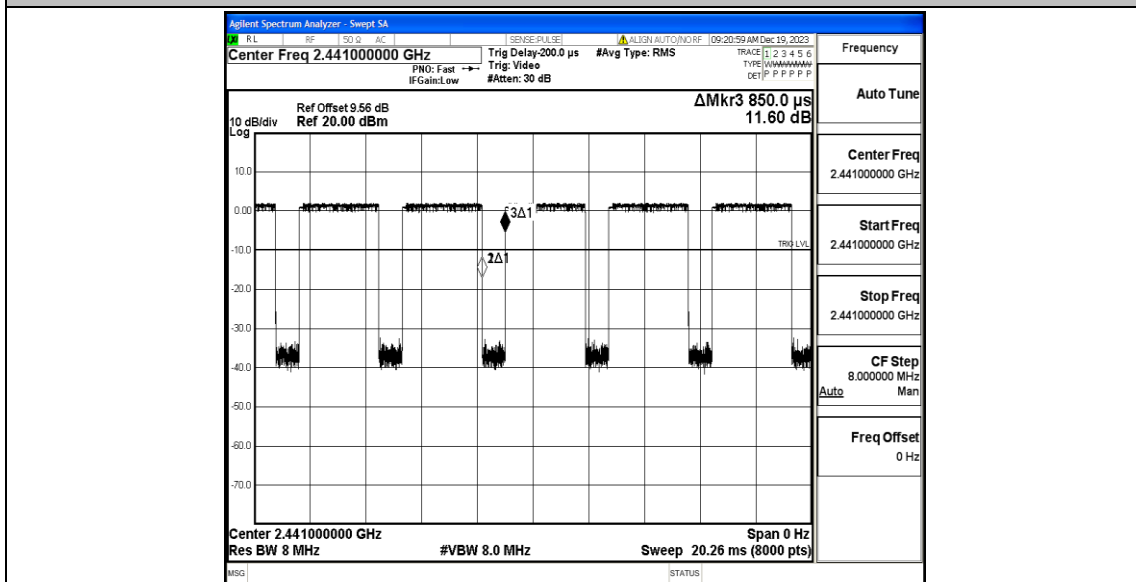
DH5_Ant1_2480



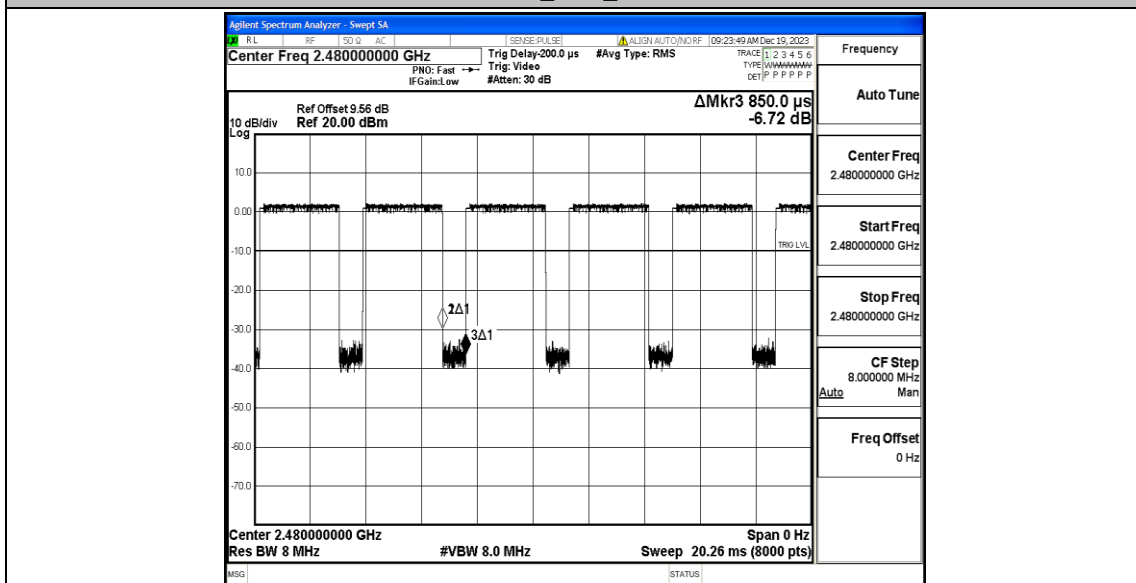
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



Appendix J: Emissions in Restricted Bands

Test Result

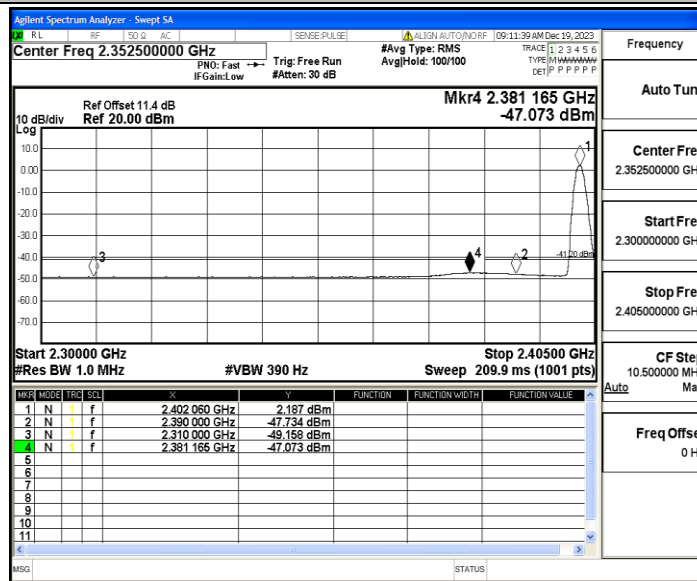
TestMode	Antenna	ChName	Channel	Detector	Freq(MHz)	Result(dBm)	Limit(dBm)	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-49.16	≤-41.20	PASS
				AV	2381.165	-47.07	≤-41.20	PASS
				AV	2390.000	-47.73	≤-41.20	PASS
				Peak	2310.000	-41.56	≤-21.20	PASS
				Peak	2382.425	-36.57	≤-21.20	PASS
				Peak	2390.000	-39.78	≤-21.20	PASS
		High	2480	AV	2483.500	-47.85	≤-41.20	PASS
				AV	2498.640	-46.5	≤-41.20	PASS
				AV	2500.000	-46.69	≤-41.20	PASS
				Peak	2483.500	-40.57	≤-21.20	PASS
				Peak	2491.760	-37.23	≤-21.20	PASS
				Peak	2500.000	-40.41	≤-21.20	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-49.5	≤-41.20	PASS
				AV	2381.690	-47.71	≤-41.20	PASS
				AV	2390.000	-48.33	≤-41.20	PASS
				Peak	2310.000	-46.49	≤-21.20	PASS
				Peak	2354.915	-38.16	≤-21.20	PASS
				Peak	2390.000	-42.69	≤-21.20	PASS
		High	2480	AV	2483.500	-48.04	≤-41.20	PASS
				AV	2499.600	-47.06	≤-41.20	PASS
				AV	2500.000	-47.08	≤-41.20	PASS
				Peak	2483.500	-44.36	≤-21.20	PASS
				Peak	2495.680	-38.32	≤-21.20	PASS
				Peak	2500.000	-41.72	≤-21.20	PASS

Note:

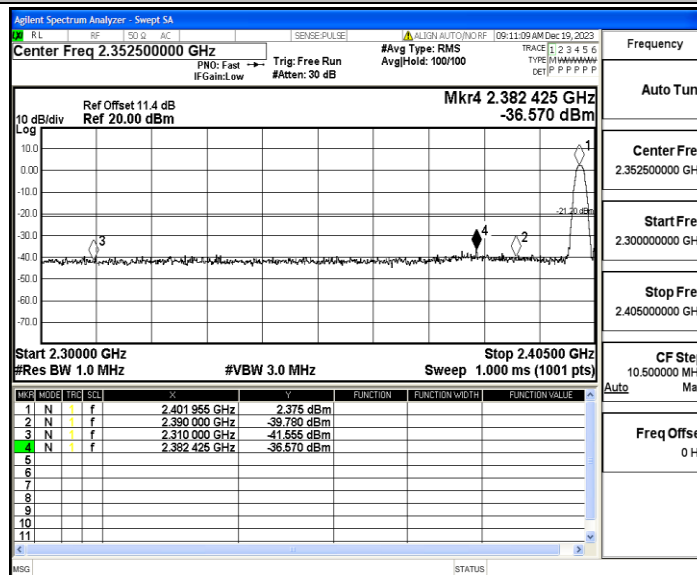
1. The Antenna Gain is compensated in the graph with 2dBi and Antenna Gain which is Higher.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

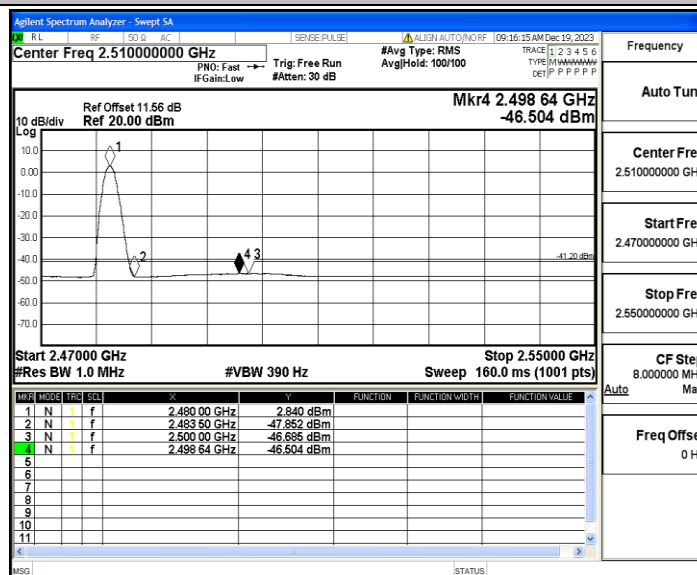
DH5_Ant1_Low_2402_AV



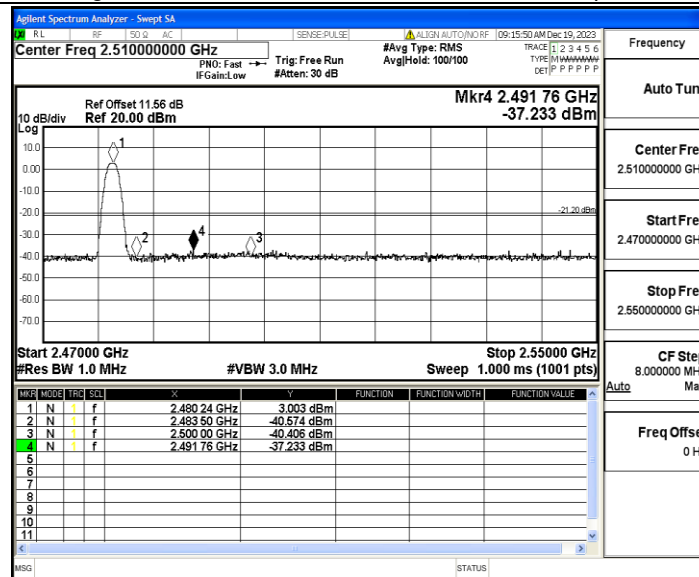
DH5_Ant1_Low_2402_Peak



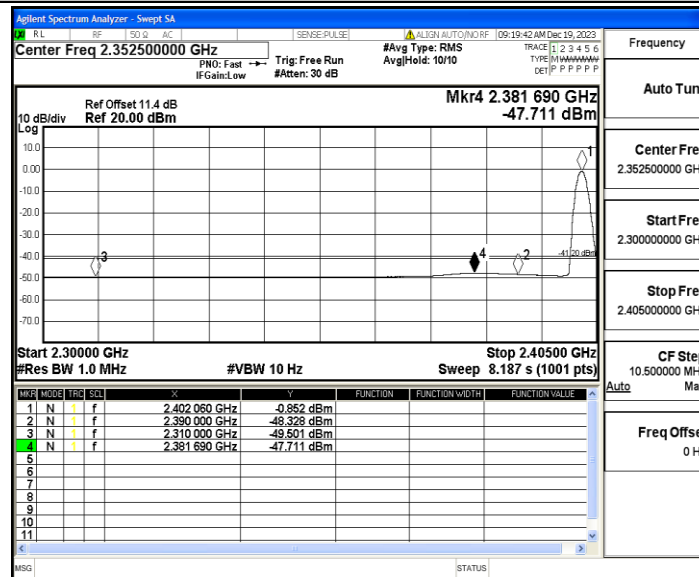
DH5_Ant1_High_2480_AV



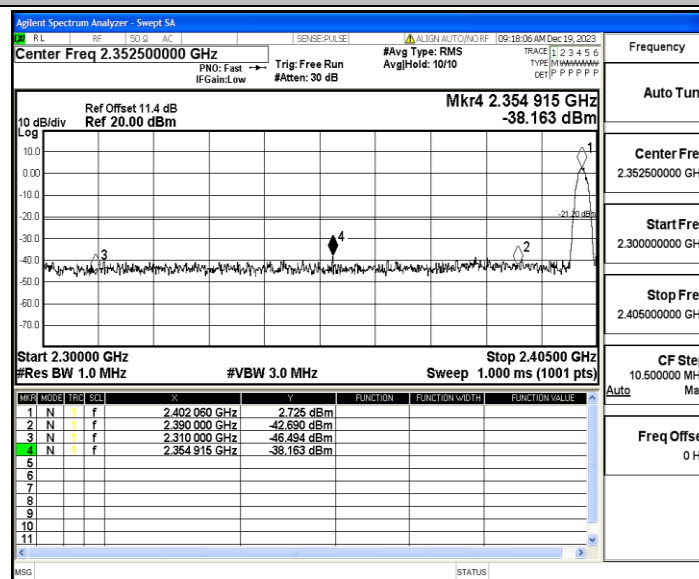
DH5_Ant1_High_2480_Peak



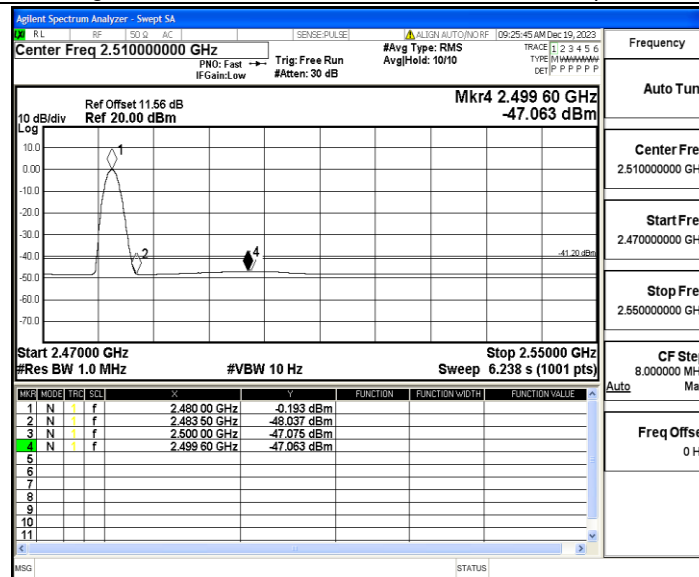
2DH5_Ant1_Low_2402_AV



2DH5_Ant1_Low_2402_Peak



2DH5_Ant1_High_2480_AV



2DH5_Ant1_High_2480_Peak

