

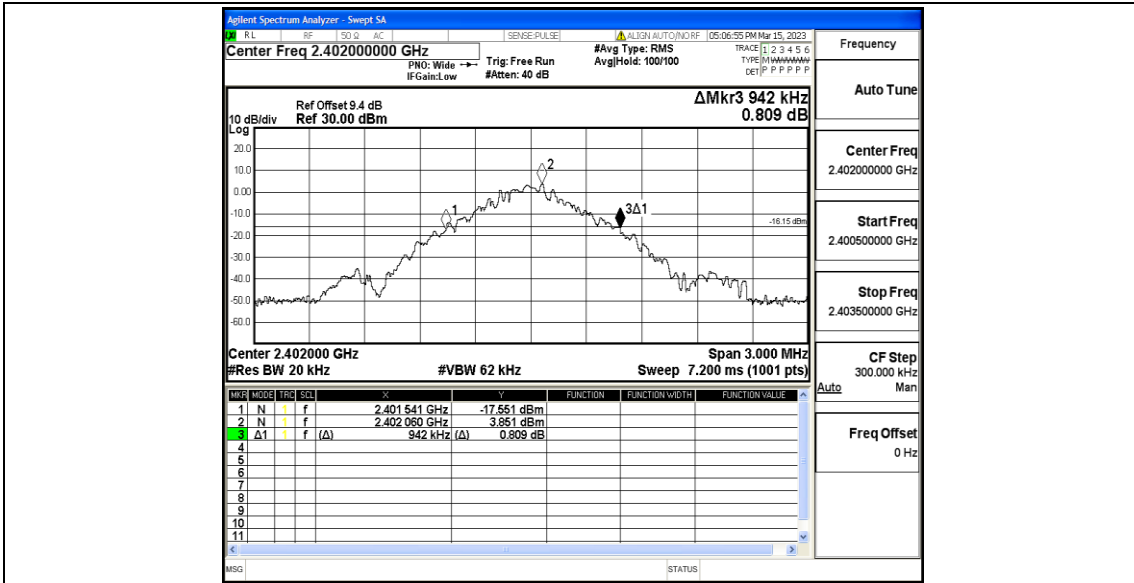
**Appendix Test Data for BT(BDR/EDR) (Conducted Measurement)****Product Name: Smart phone****Trade Mark: KRIP****Test Model: K60****FCC ID: 2APX7K60****Environmental Conditions**

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

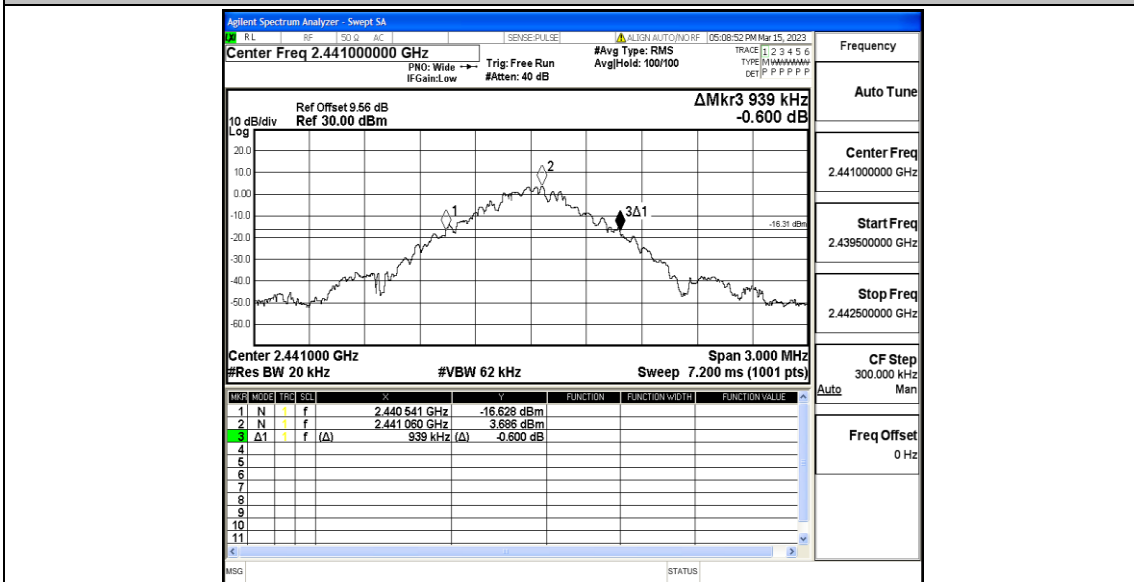
**Appendix A: 20dB Emission Bandwidth****Test Result**

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	---	---

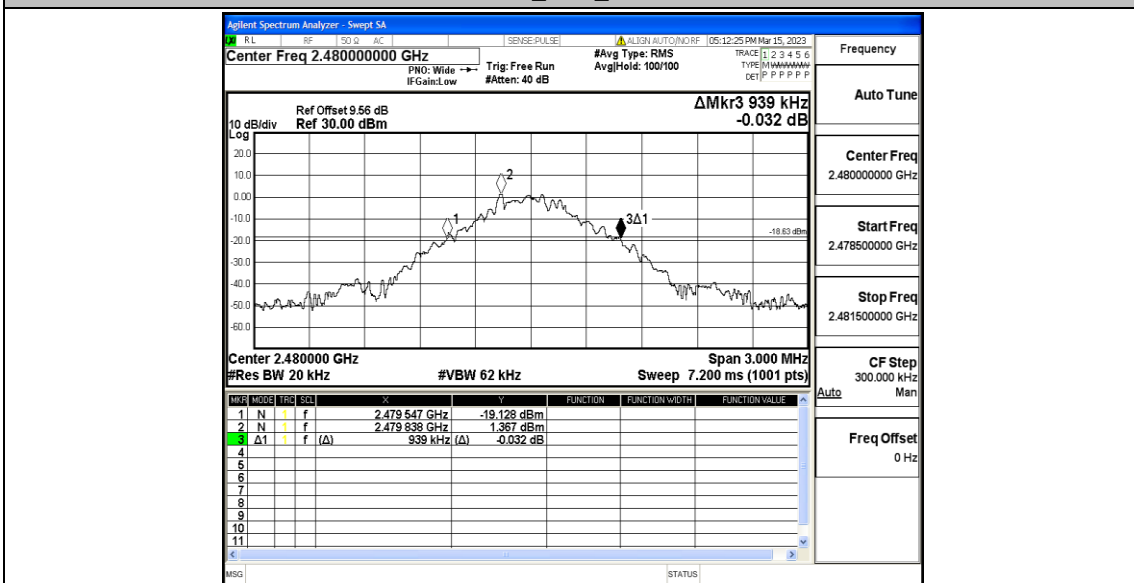
Test Graphs



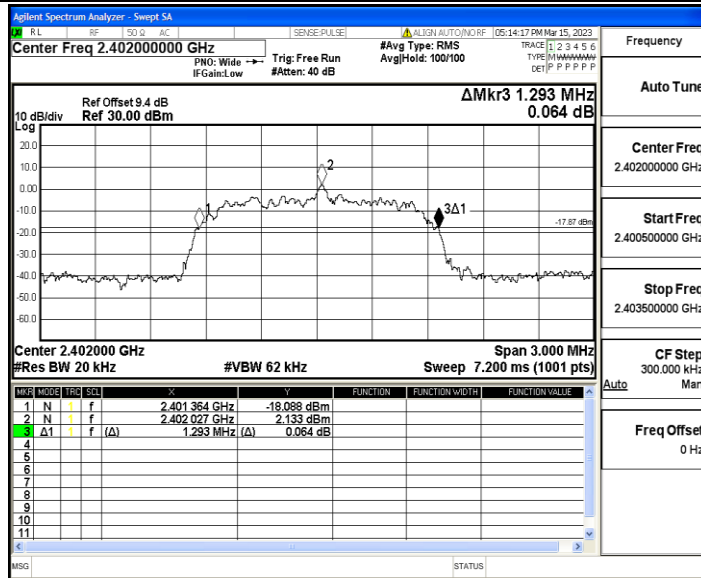
DH5\_Ant1\_2402



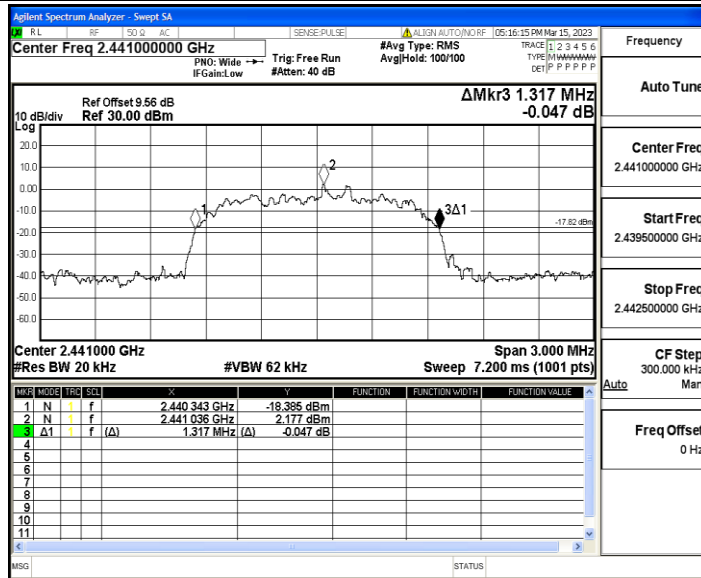
DH5\_Ant1\_2441



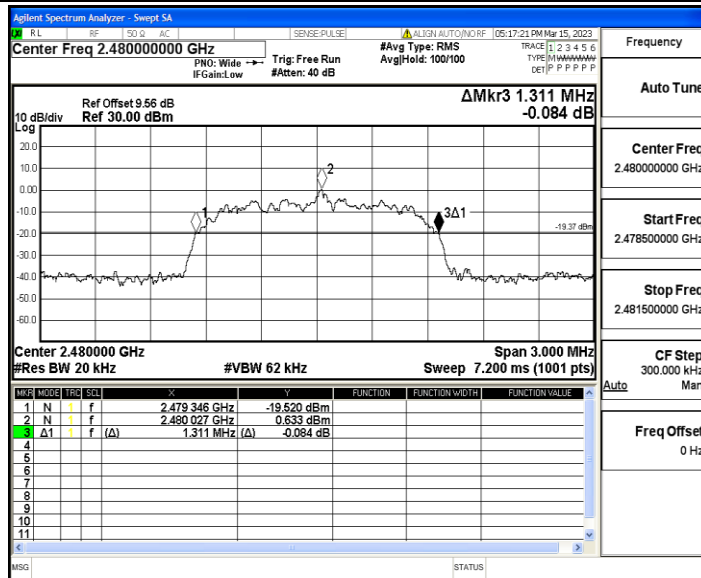
DH5\_Ant1\_2480



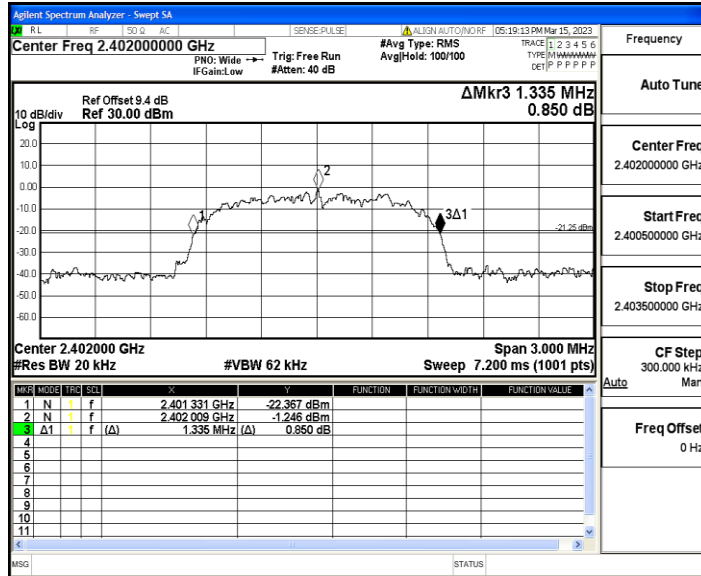
2DH5\_Ant1\_2402



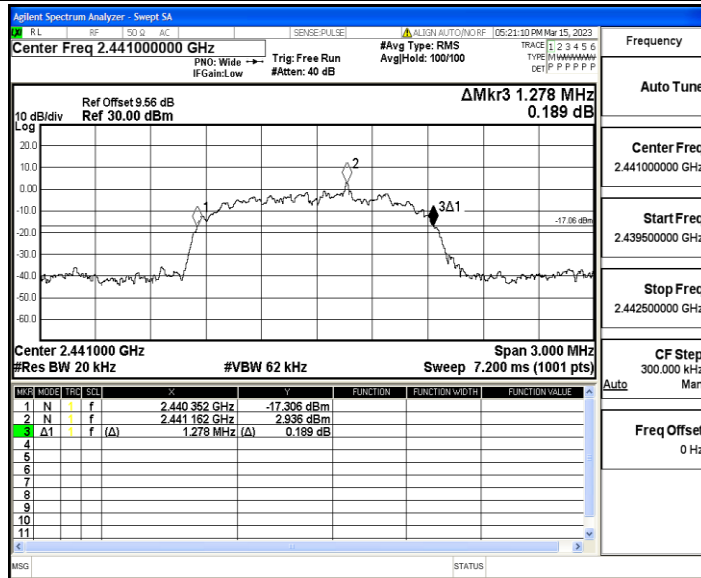
2DH5\_Ant1\_2441



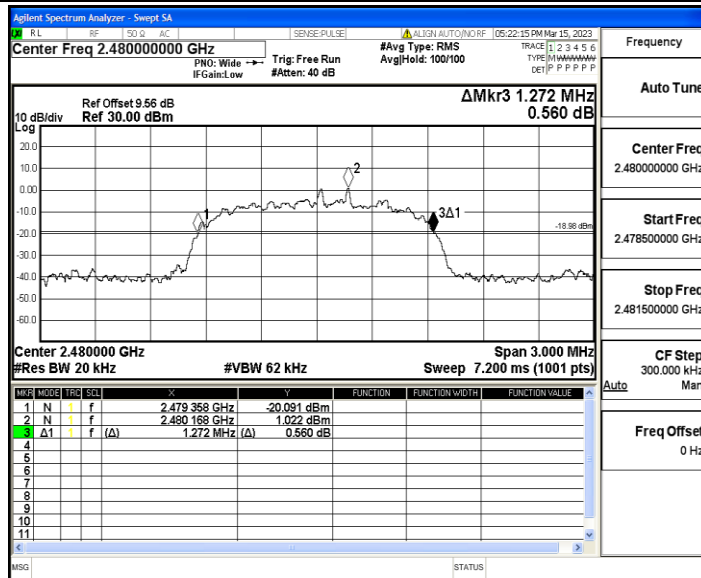
2DH5\_Ant1\_2480



3DH5\_Ant1\_2402



3DH5\_Ant1\_2441



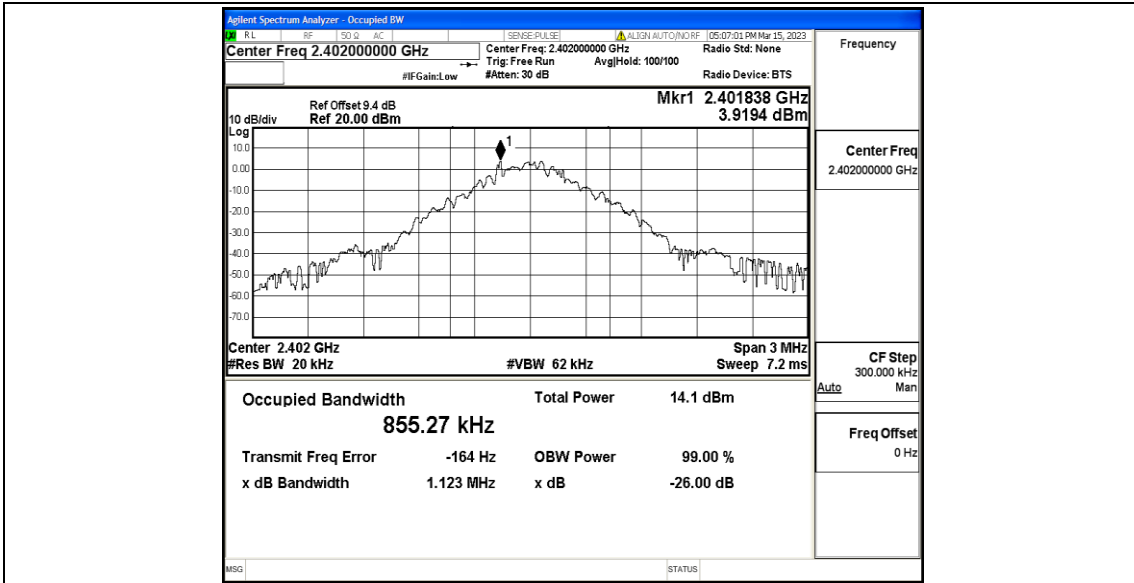
3DH5\_Ant1\_2480

## Appendix B: Occupied Channel Bandwidth

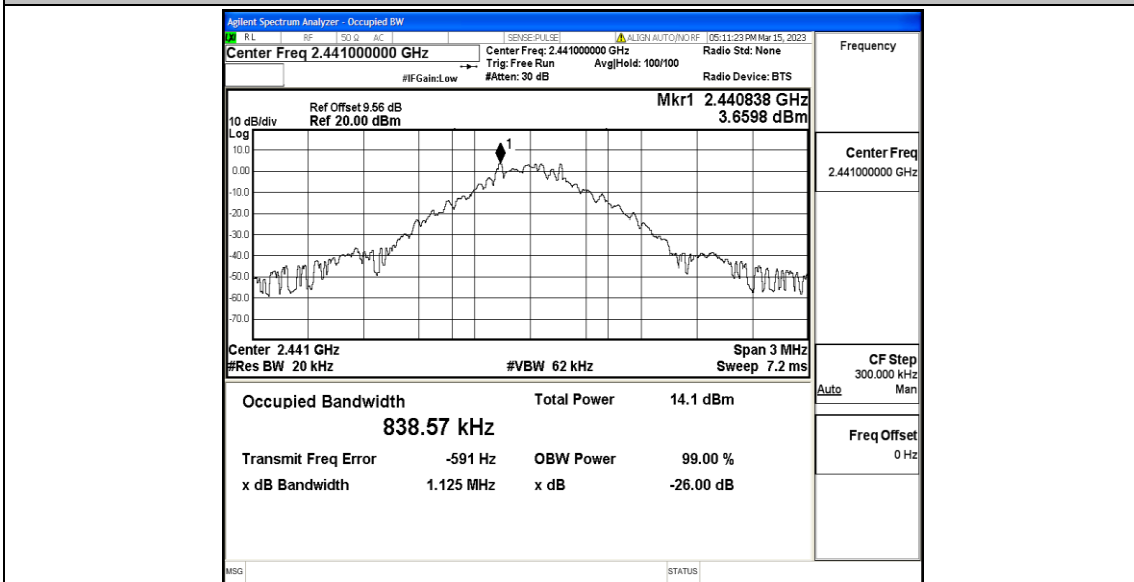
### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85527	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	---	---

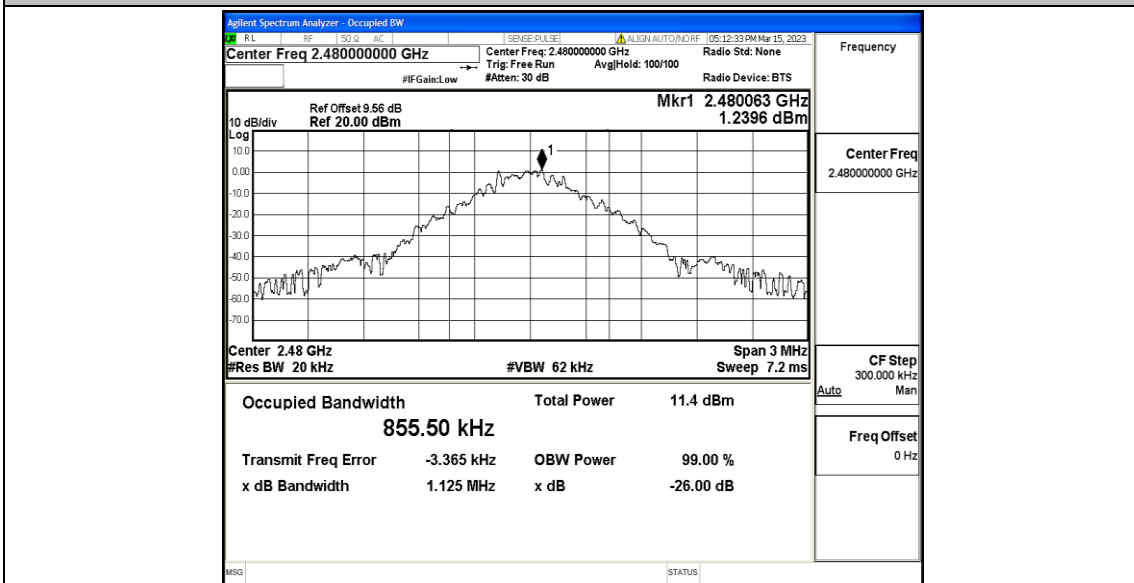
Test Graphs



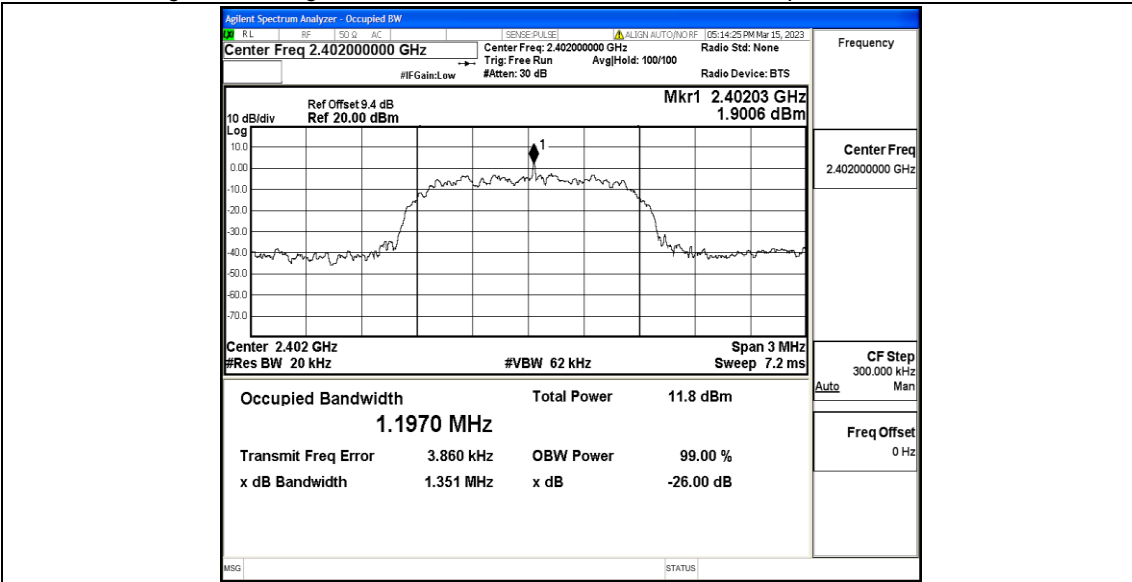
DH5\_Ant1\_2402



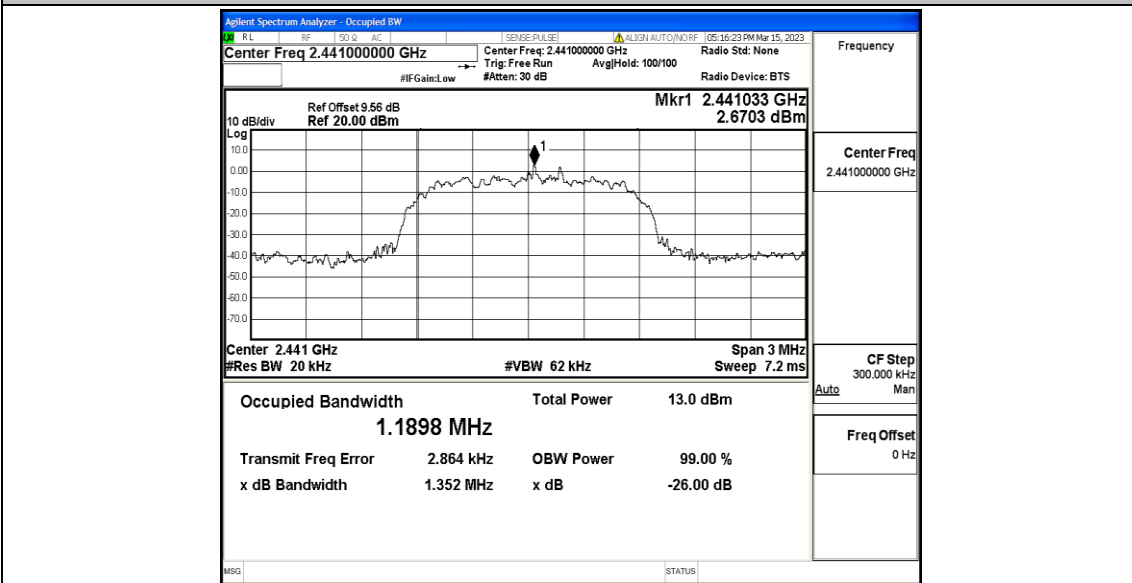
DH5\_Ant1\_2441



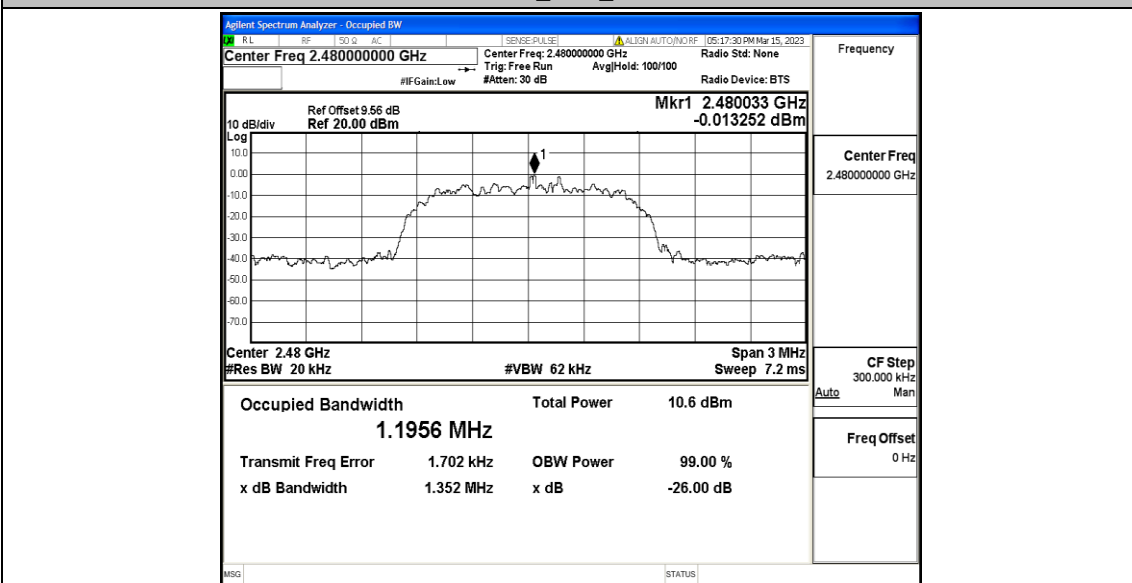
DH5\_Ant1\_2480



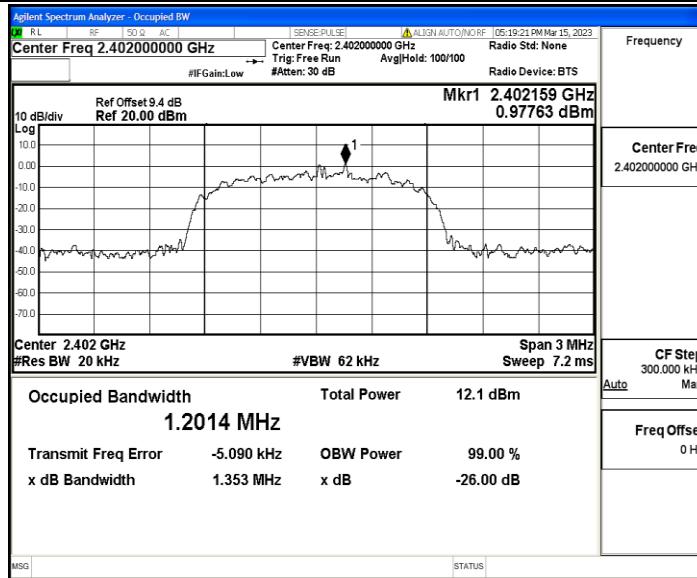
2DH5\_Ant1\_2402



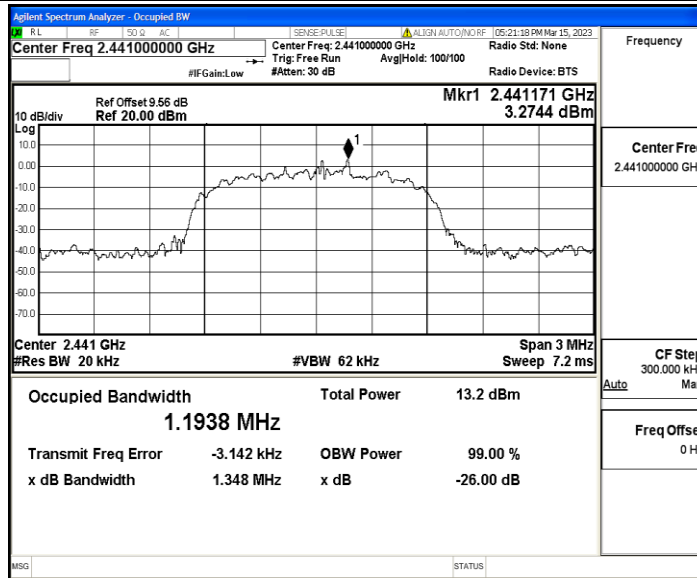
2DH5\_Ant1\_2441



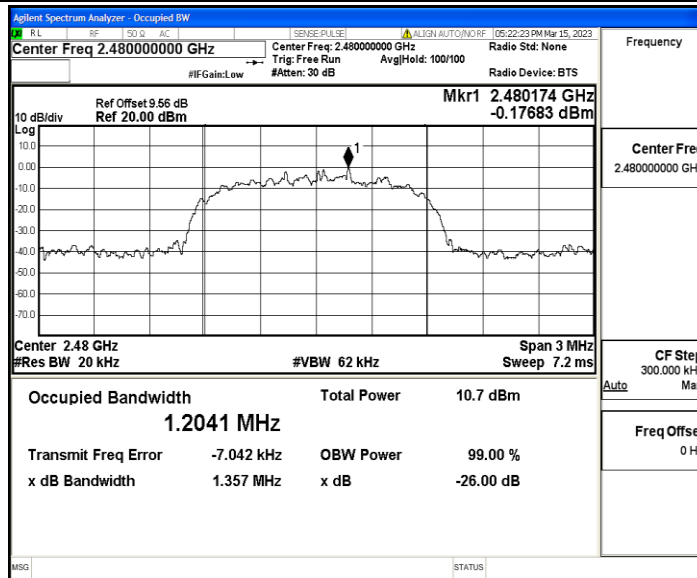
2DH5\_Ant1\_2480



3DH5\_Ant1\_2402



3DH5\_Ant1\_2441



3DH5\_Ant1\_2480

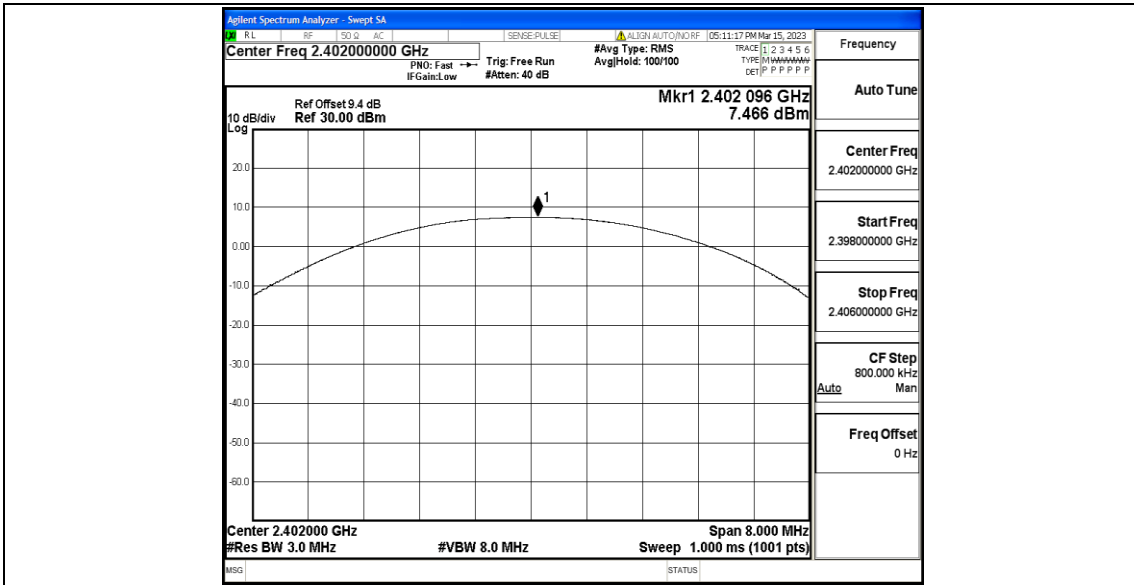


## Appendix C: Maximum Peak conducted output power

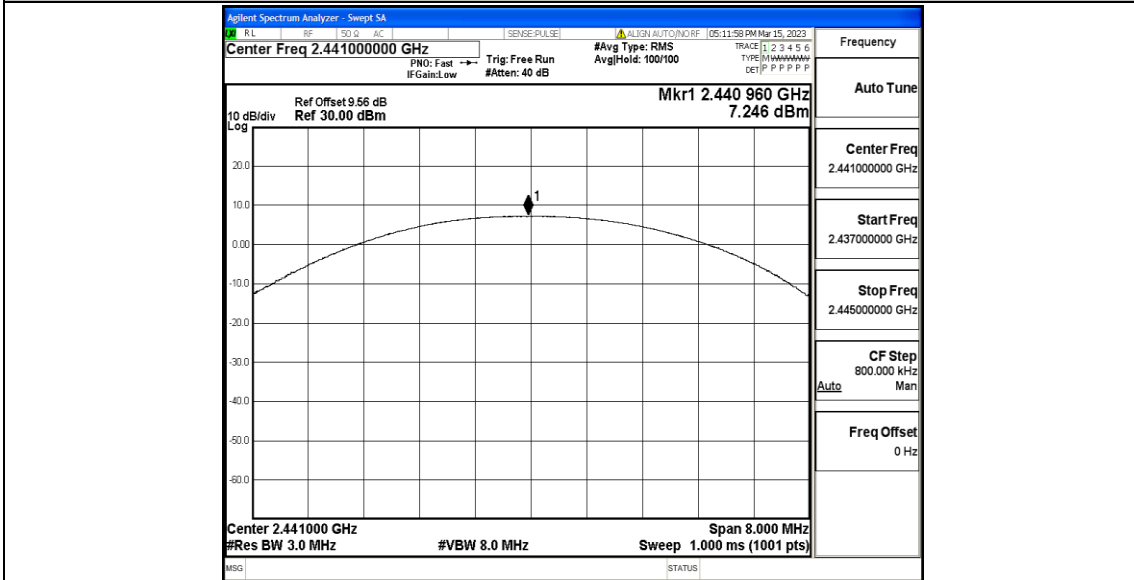
### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	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

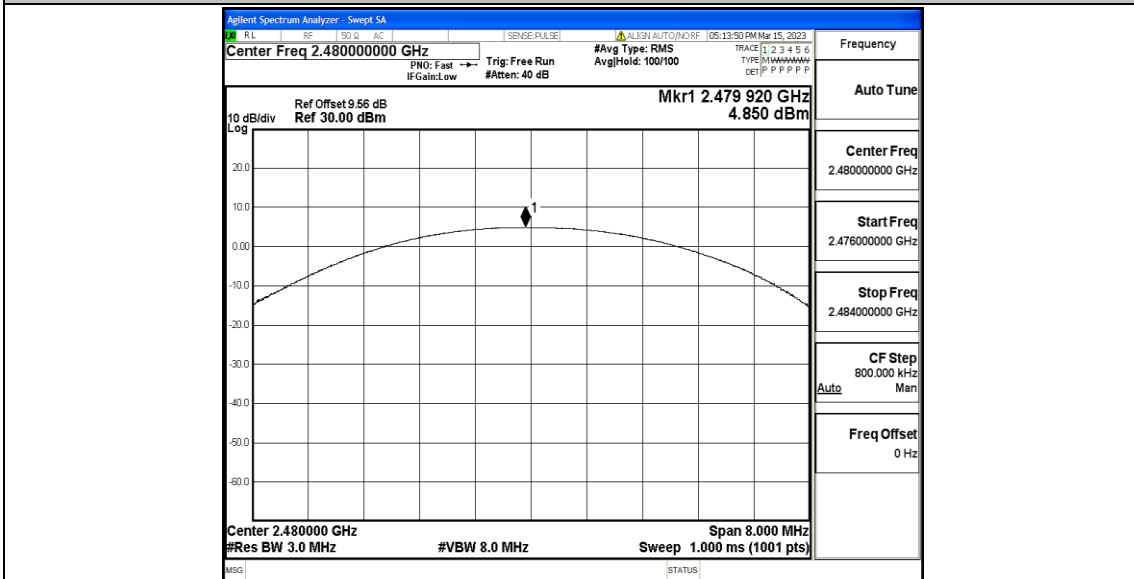
### Test Graphs



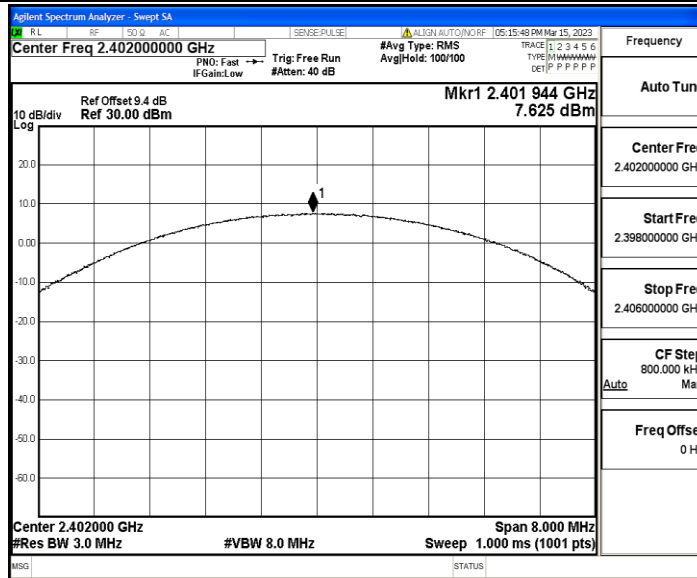
DH5\_Ant1\_2402



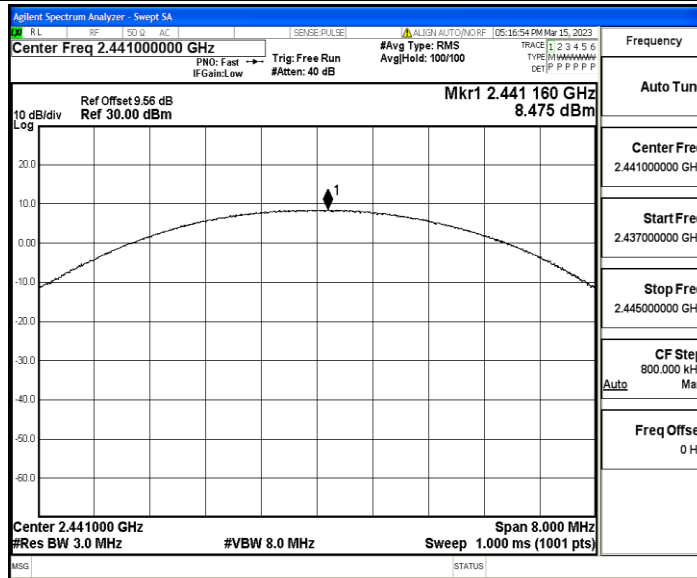
DH5\_Ant1\_2441



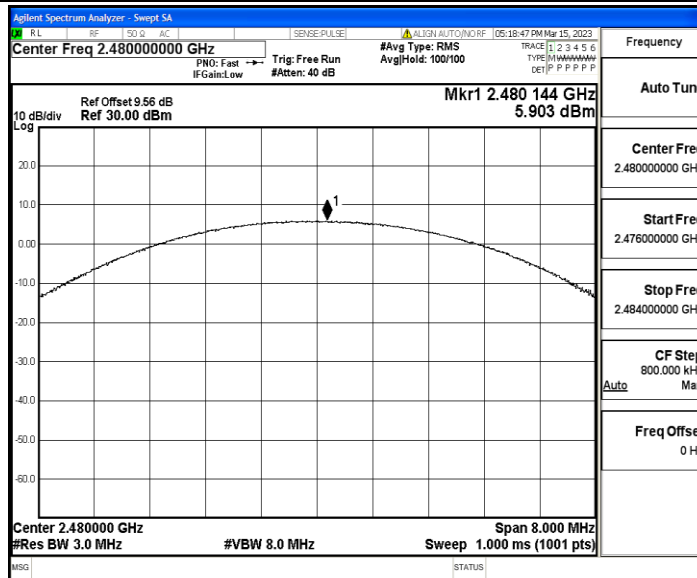
DH5\_Ant1\_2480



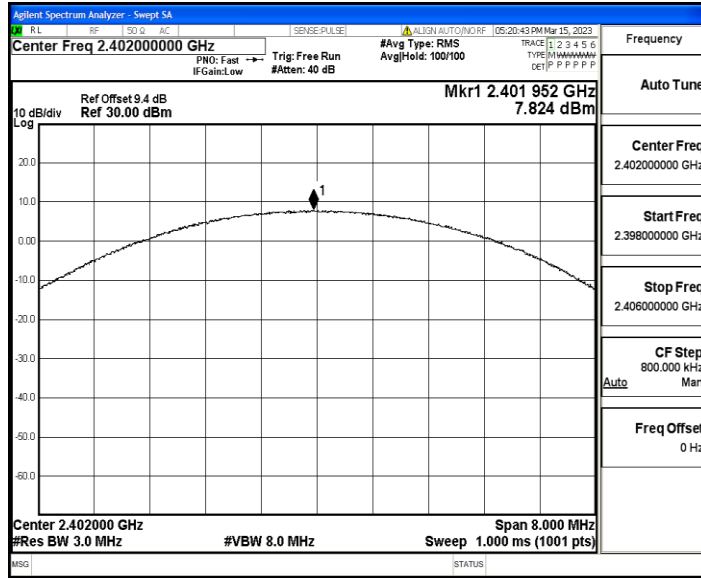
2DH5\_Ant1\_2402



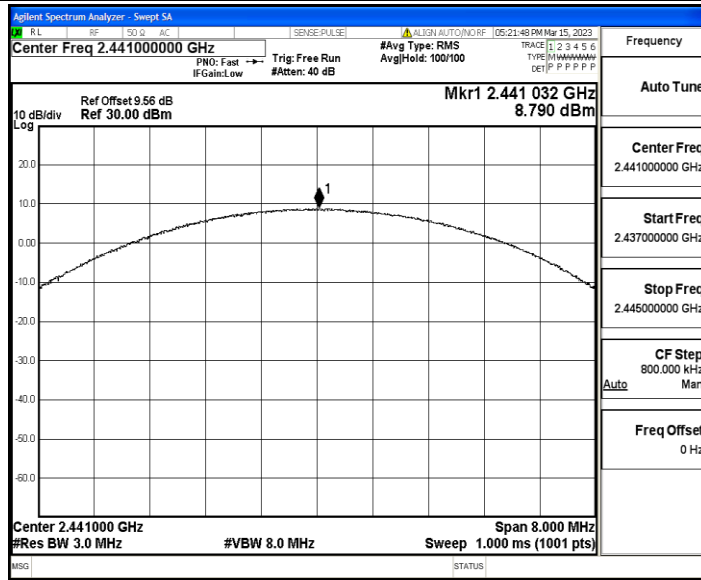
2DH5\_Ant1\_2441



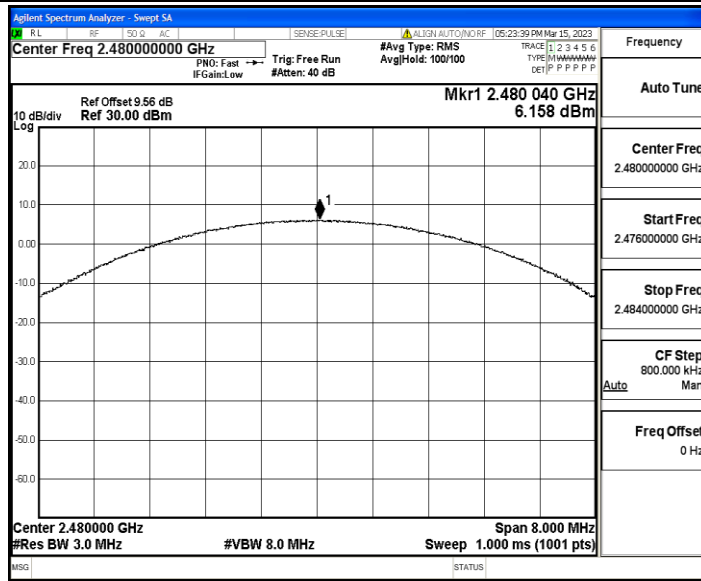
2DH5\_Ant1\_2480



3DH5\_Ant1\_2402



3DH5\_Ant1\_2441



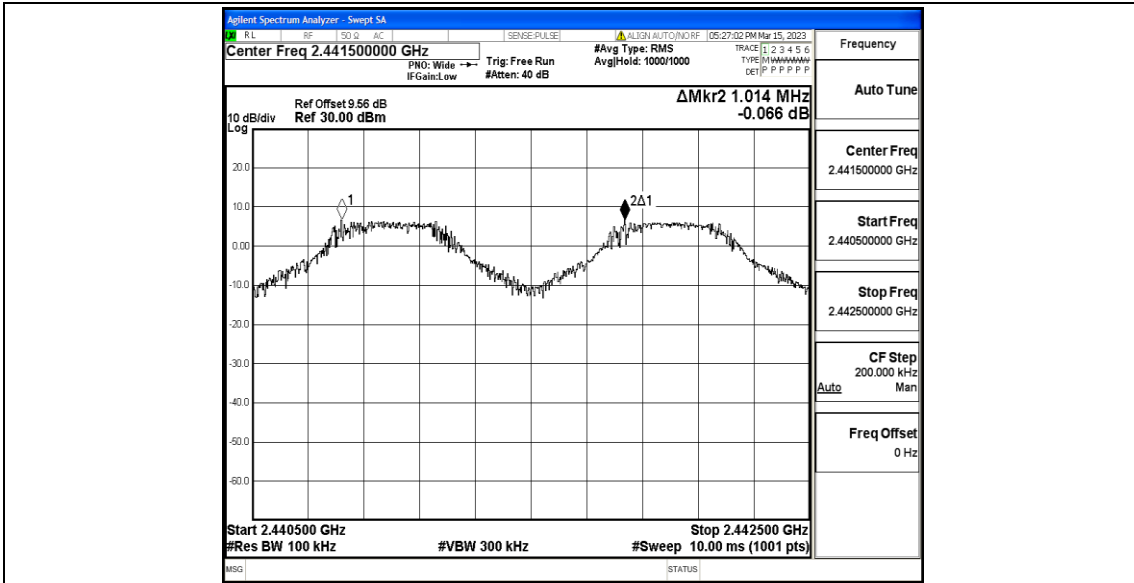
3DH5\_Ant1\_2480

## Appendix D: Carrier frequency separation

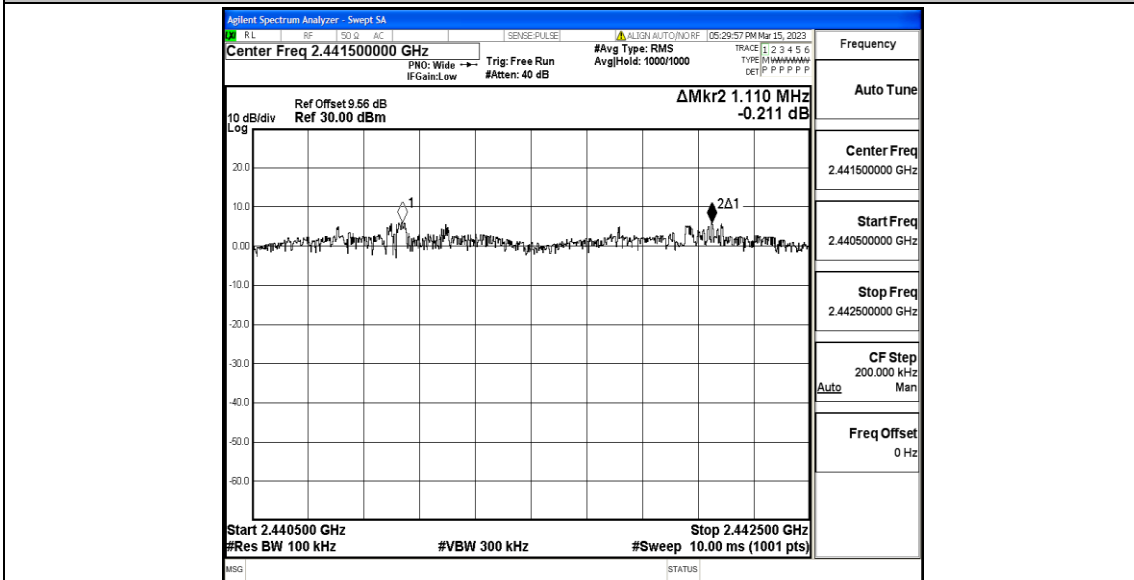
### Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.014	$\geq 0.942$	PASS
2DH5	Ant1	Hop	1.11	$\geq 0.878$	PASS
3DH5	Ant1	Hop	1.134	$\geq 0.890$	PASS

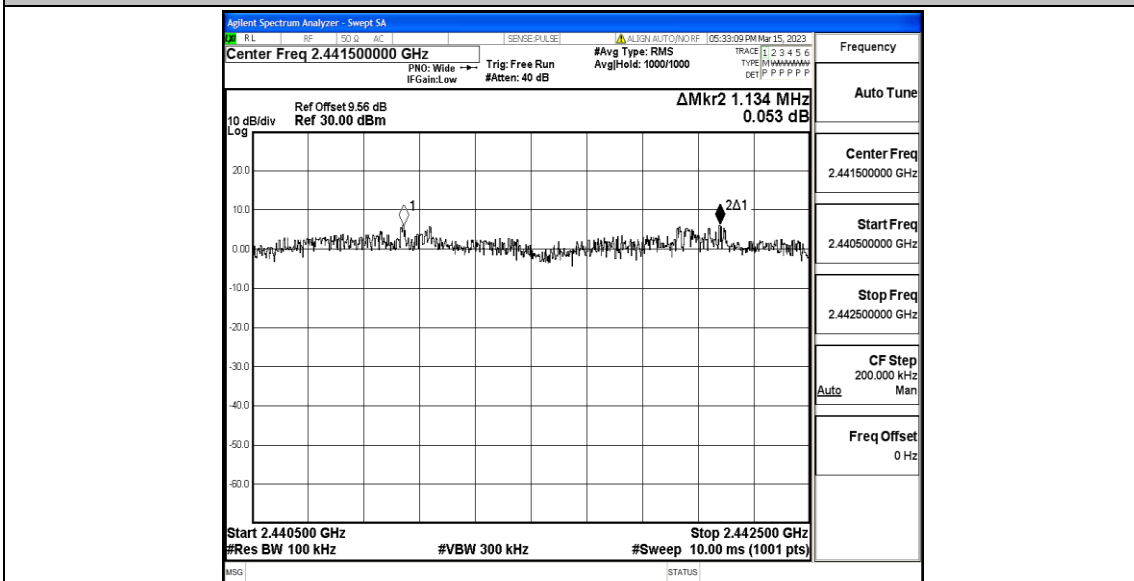
### Test Graphs



DH5\_Ant1\_Hop



2DH5\_Ant1\_Hop



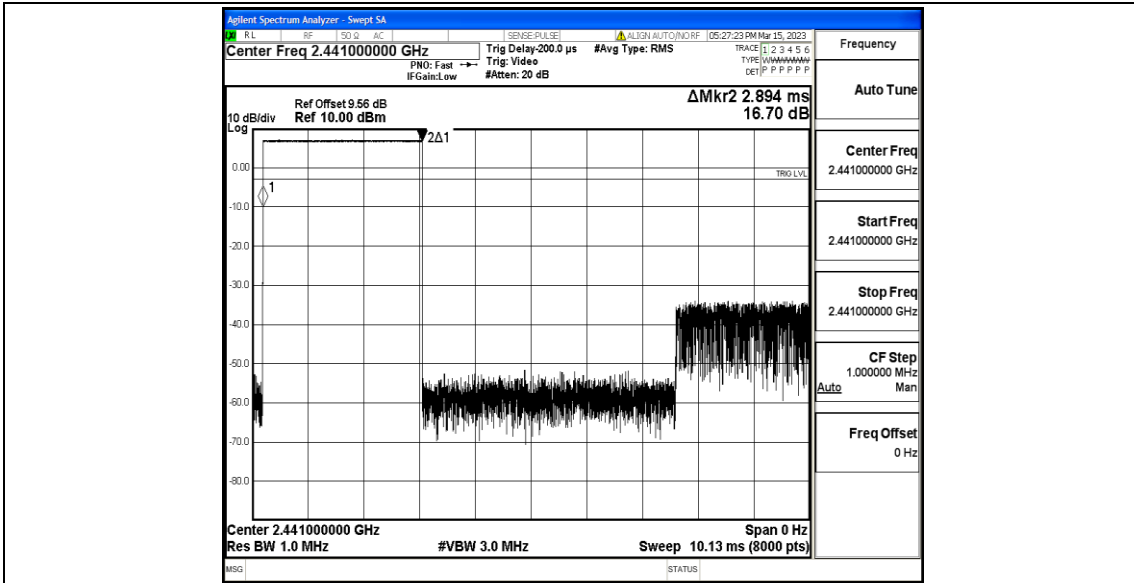
3DH5\_Ant1\_Hop

## Appendix E: Time of occupancy

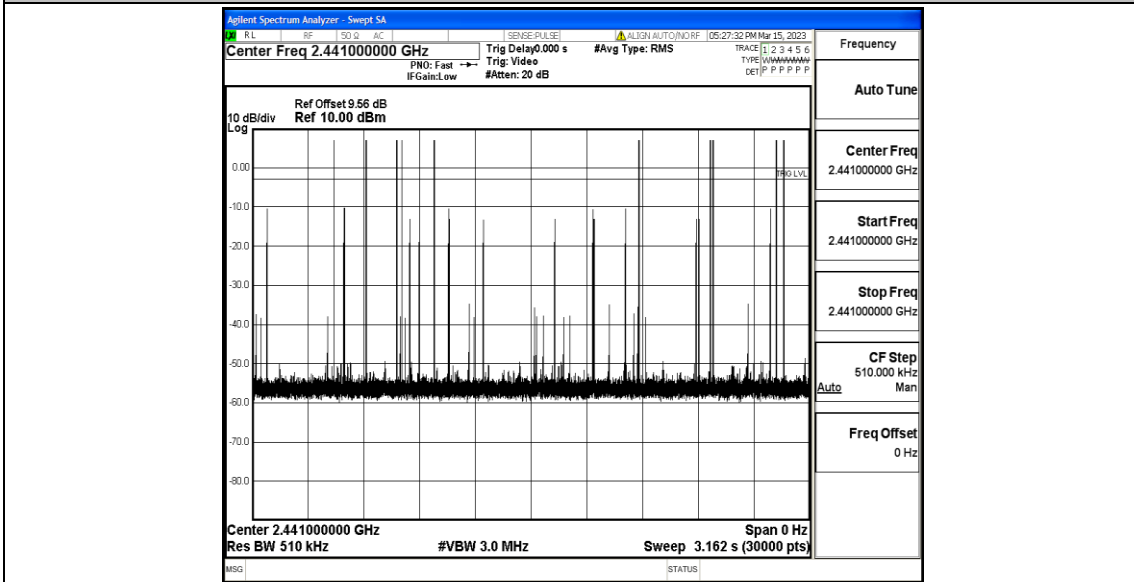
### Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.894	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

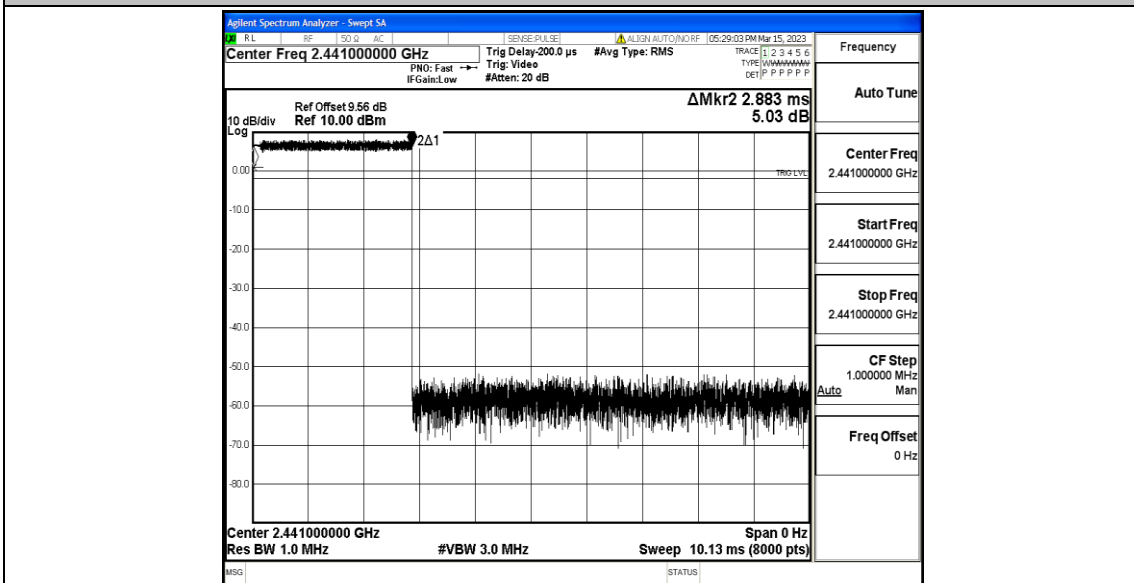
### Test Graphs



DH5\_Ant1\_Hop

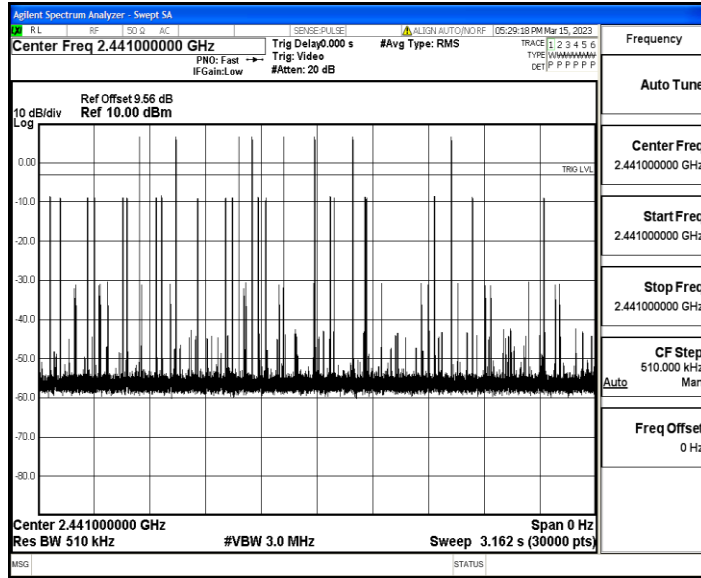


DH5\_Ant1\_Hop

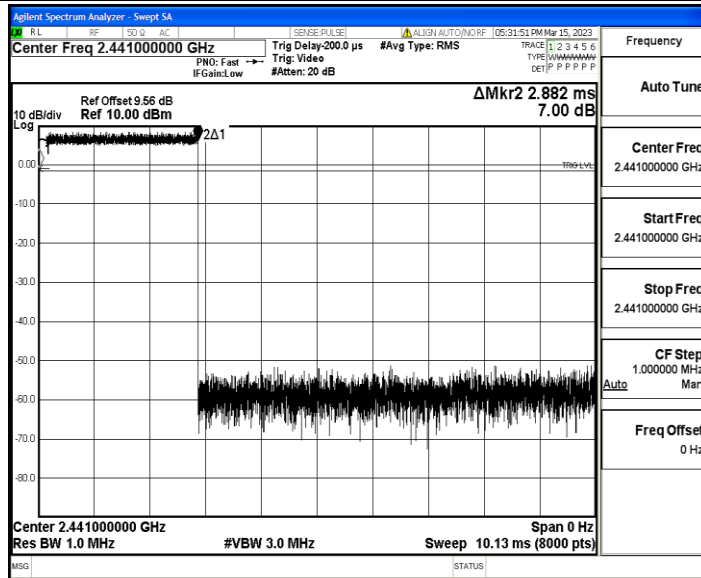


2DH5\_Ant1\_Hop

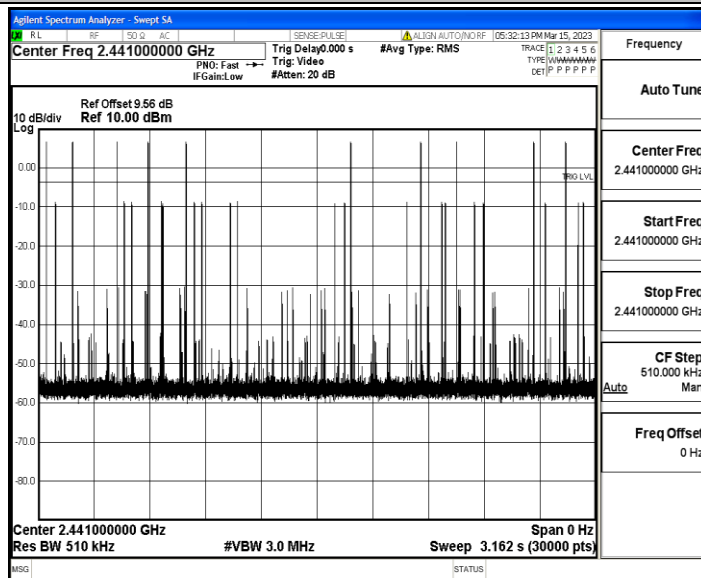




2DH5\_Ant1\_Hop



3DH5\_Ant1\_Hop



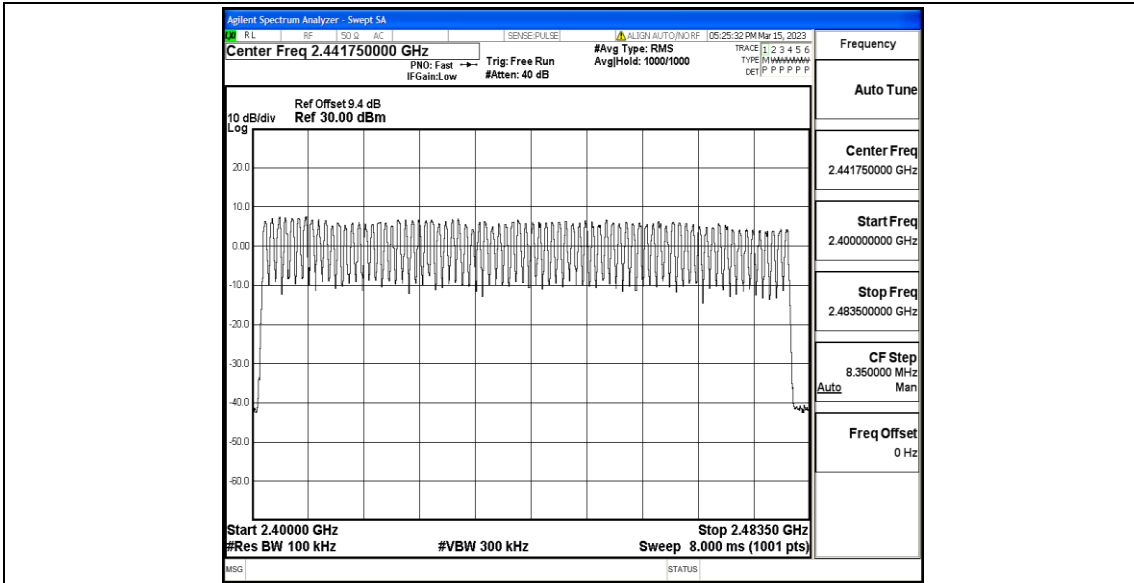
3DH5\_Ant1\_Hop

## Appendix F: Number of hopping channels

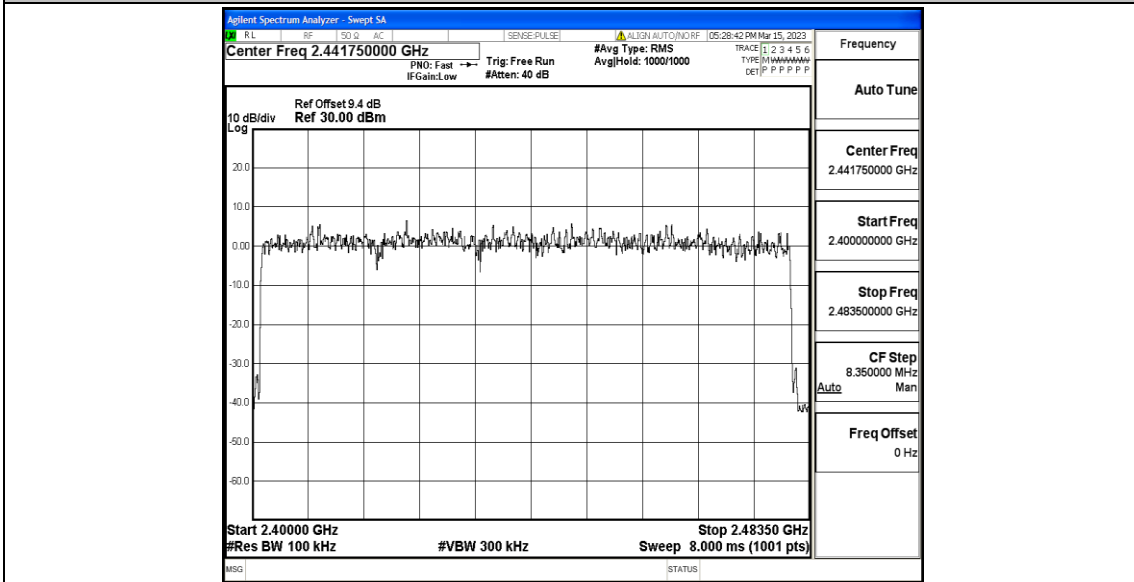
### Test Result

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

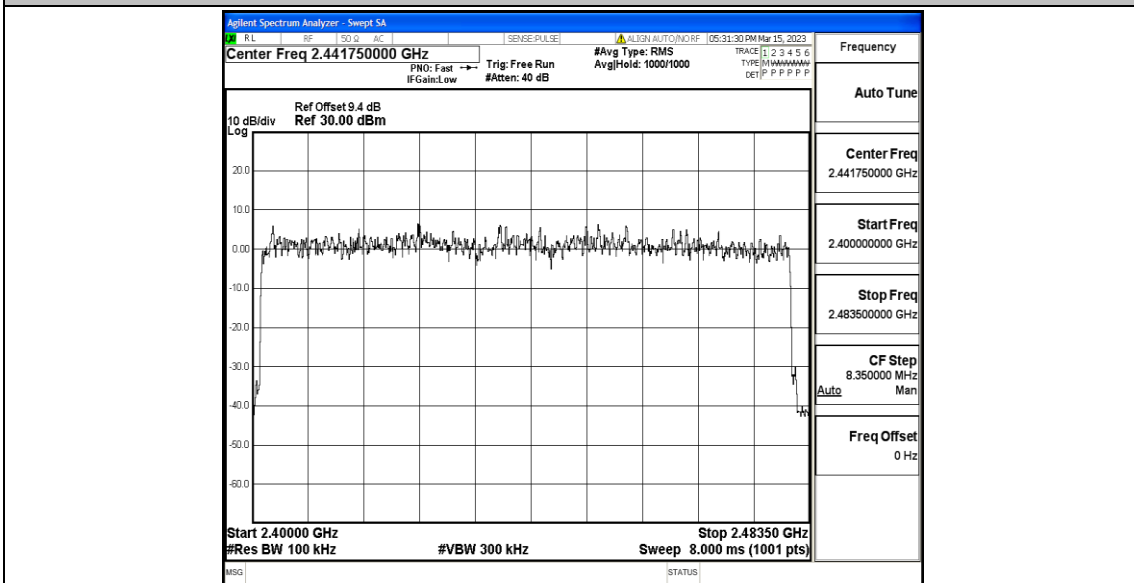
### Test Graphs



DH5\_Ant1\_Hop



2DH5\_Ant1\_Hop



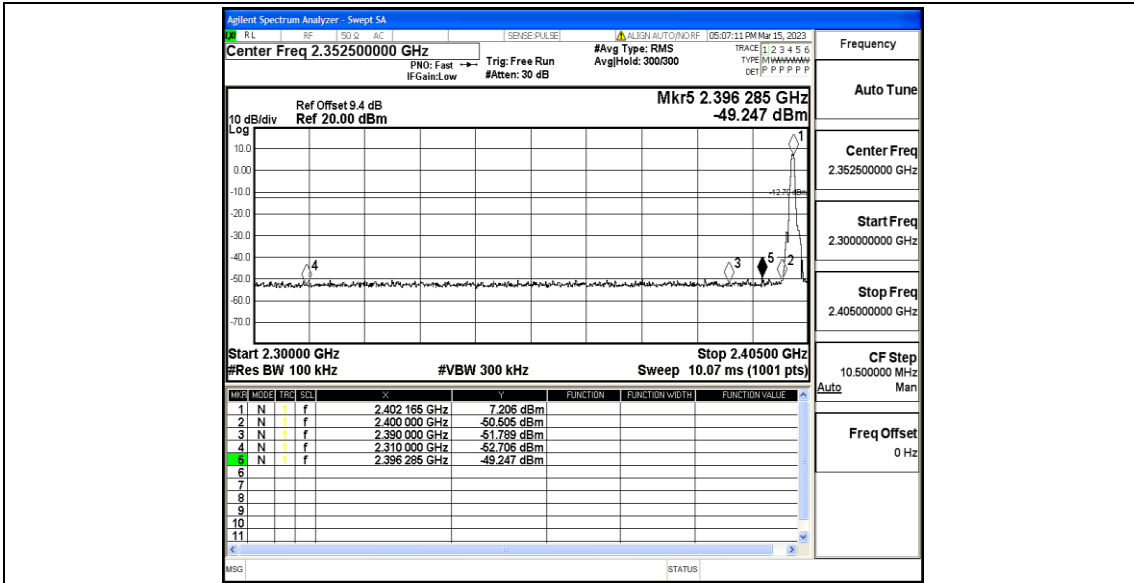
3DH5\_Ant1\_Hop

## Appendix G: Band edge measurements

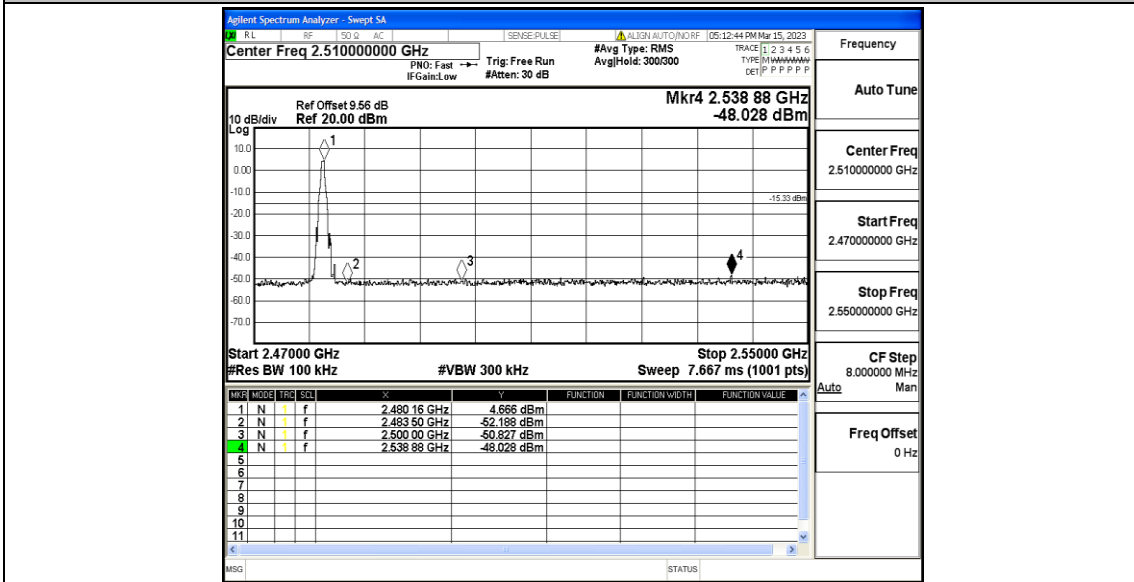
### Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	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

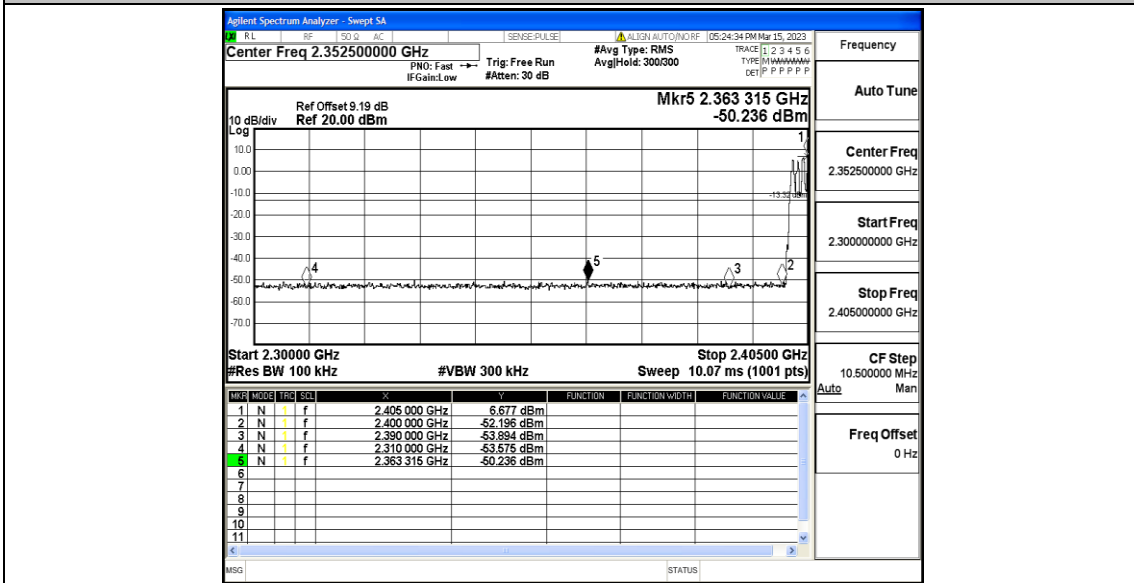
Test Graphs



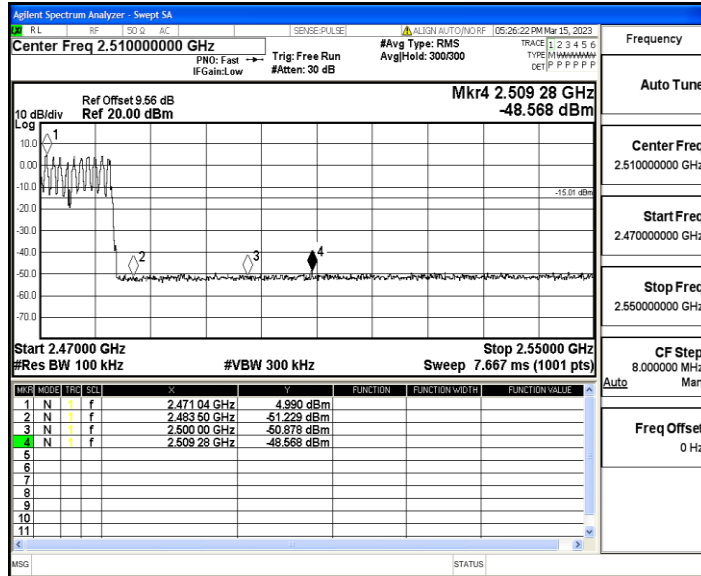
DH5\_Ant1\_Low\_2402



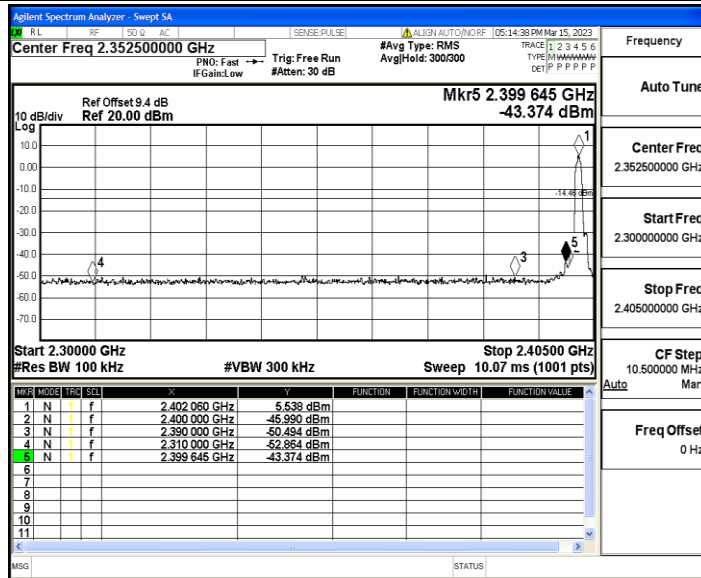
DH5\_Ant1\_High\_2480



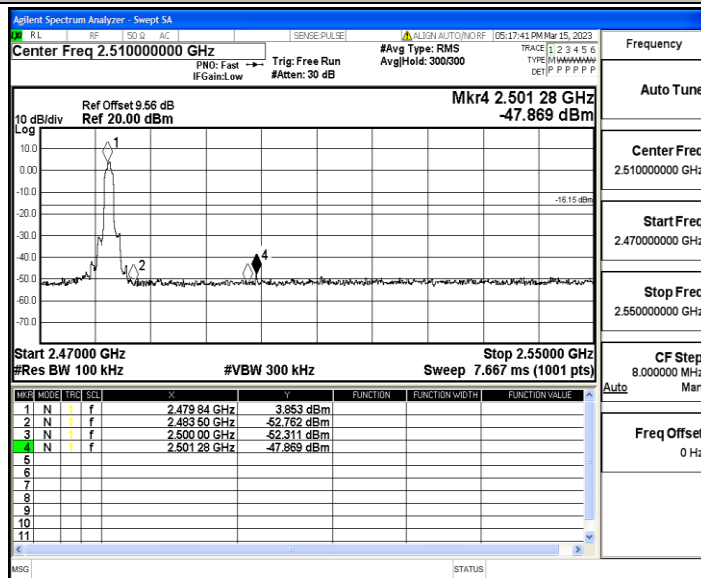
DH5\_Ant1\_Low\_Hop\_2402



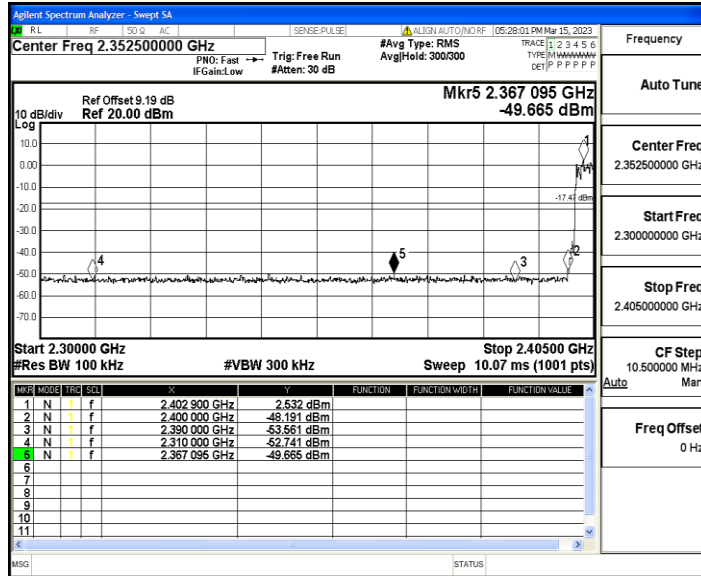
DH5\_Ant1\_High\_Hop\_2480



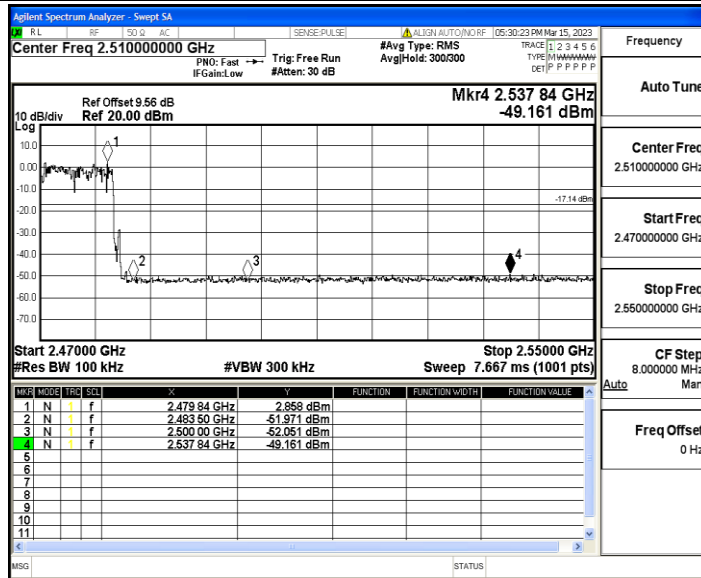
2DH5\_Ant1\_Low\_2402



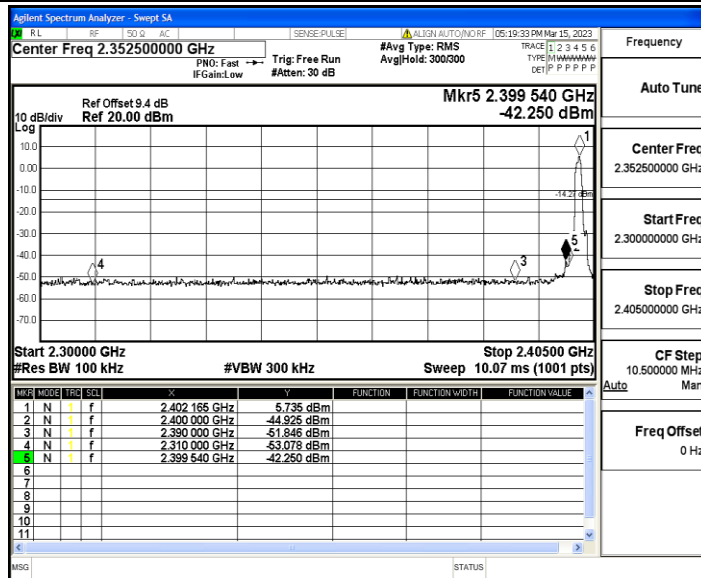
2DH5\_Ant1\_High\_2480



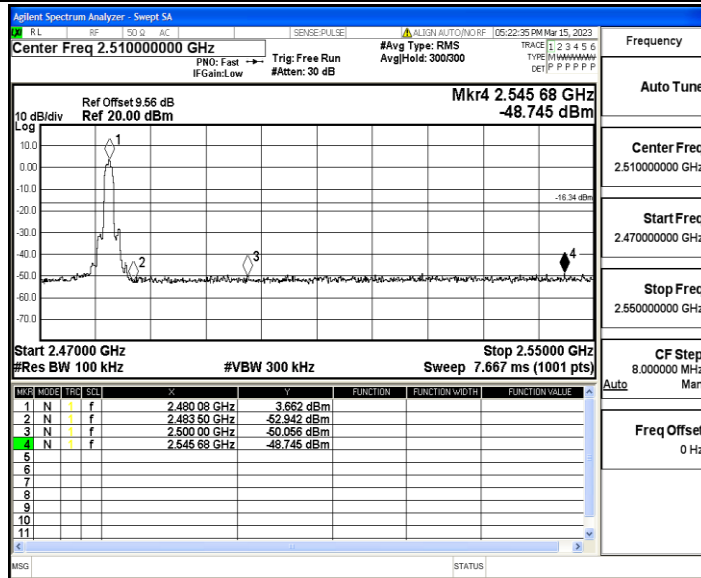
2DH5\_Ant1\_Low\_Hop\_2402



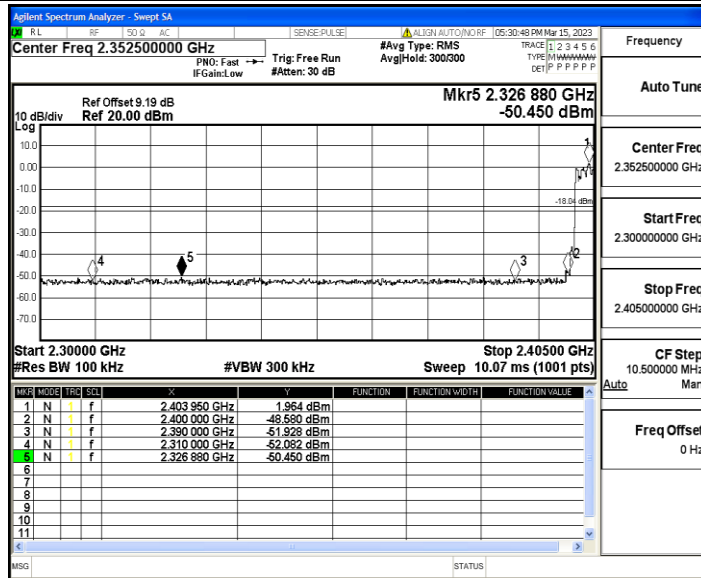
2DH5\_Ant1\_High\_Hop\_2480



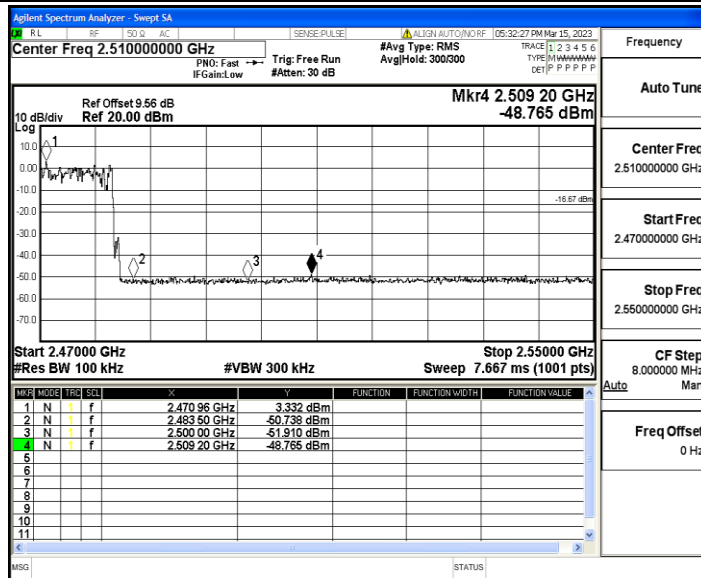
3DH5\_Ant1\_Low\_2402



3DH5\_Ant1\_High\_2480



3DH5\_Ant1\_Low\_Hop\_2402



3DH5\_Ant1\_High\_Hop\_2480

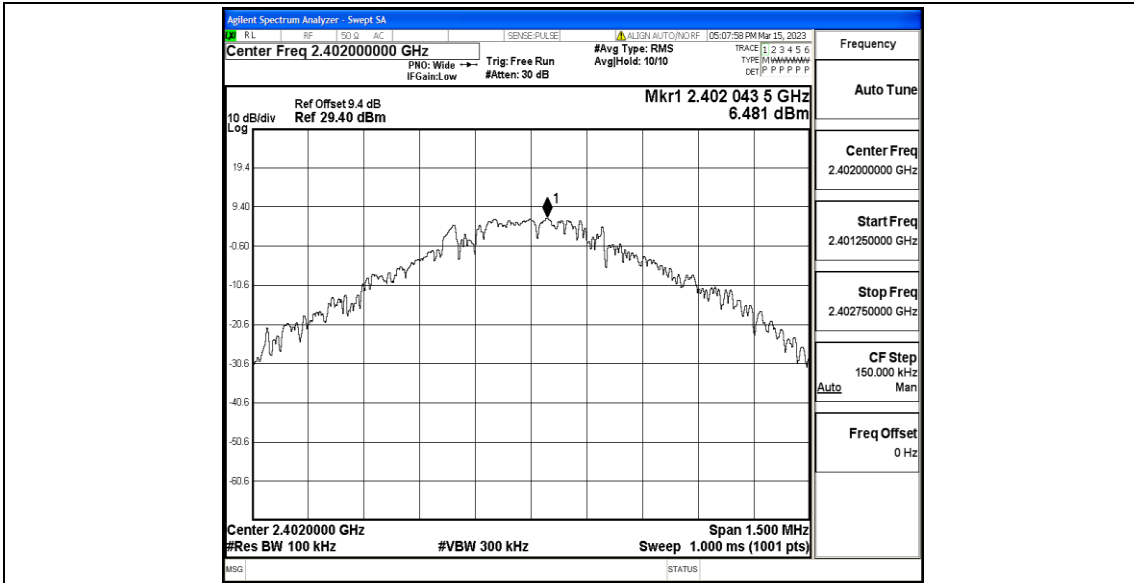


## Appendix H: Conducted Spurious Emission

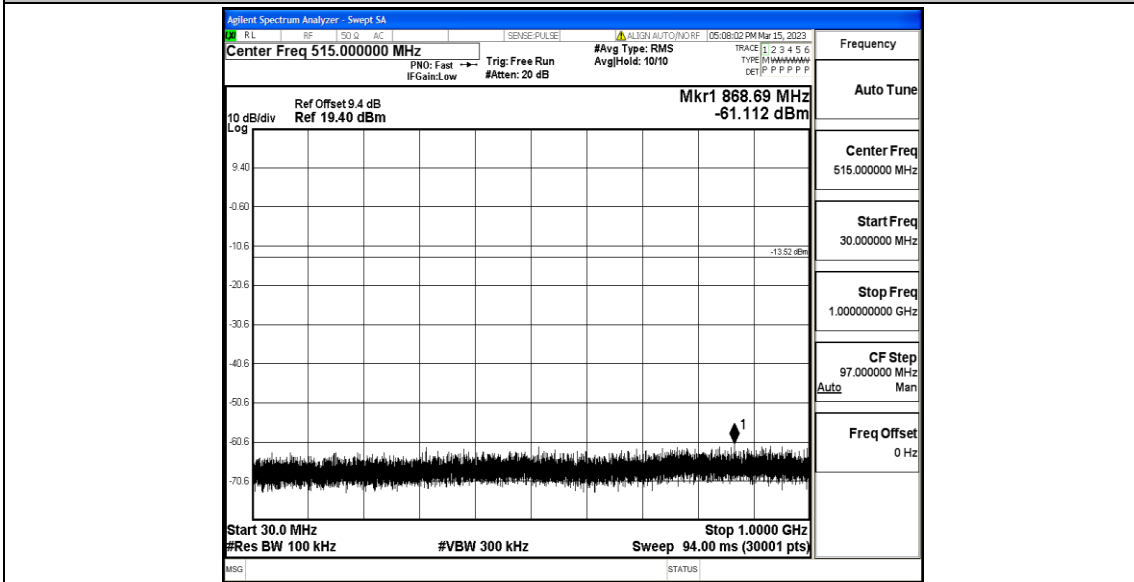
### Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	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

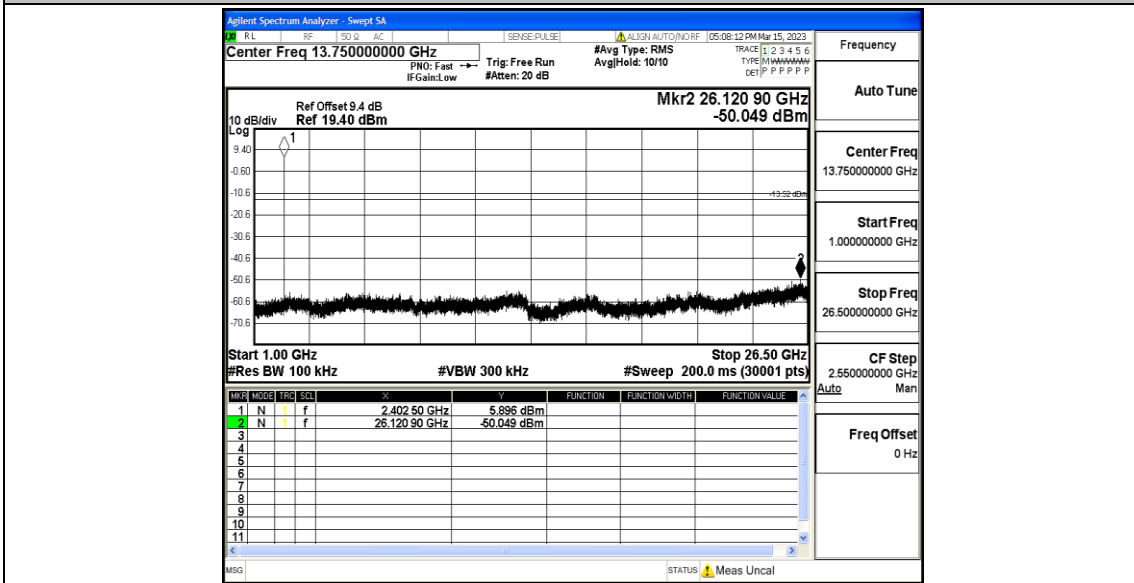
Test Graphs



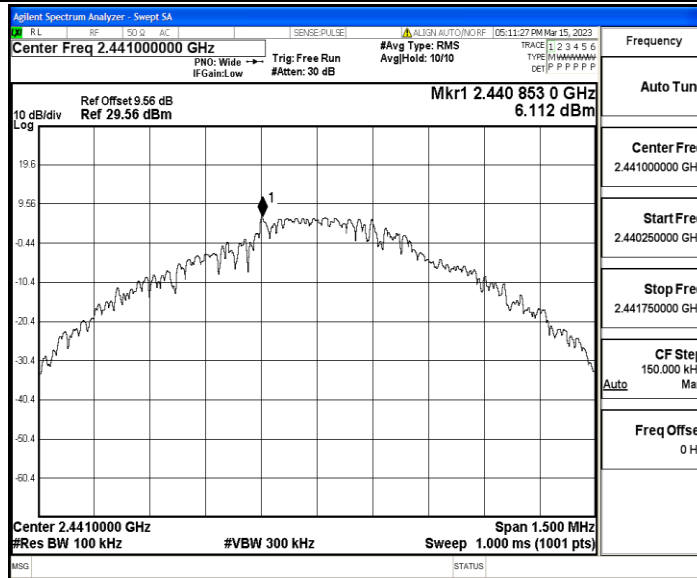
DH5\_Ant1\_2402\_0~Reference



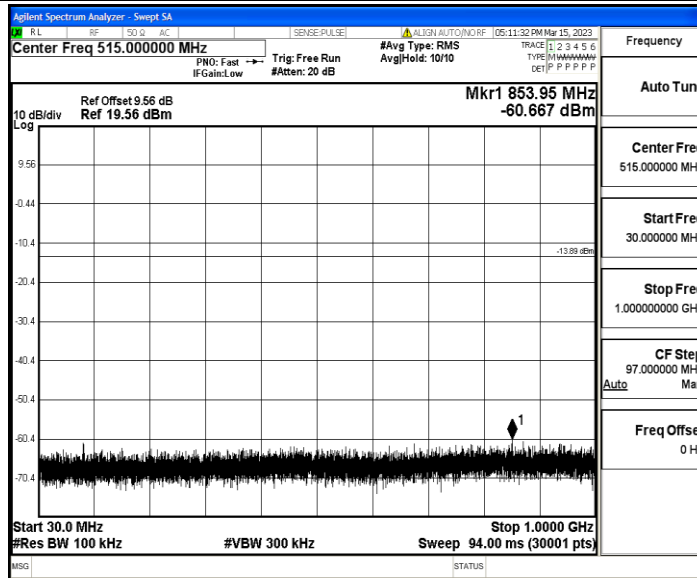
DH5\_Ant1\_2402\_30~1000



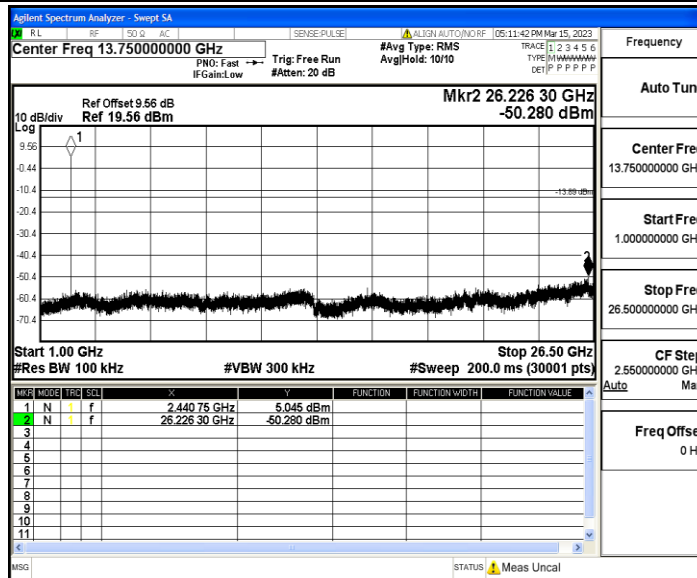
DH5\_Ant1\_2402\_1000~26500



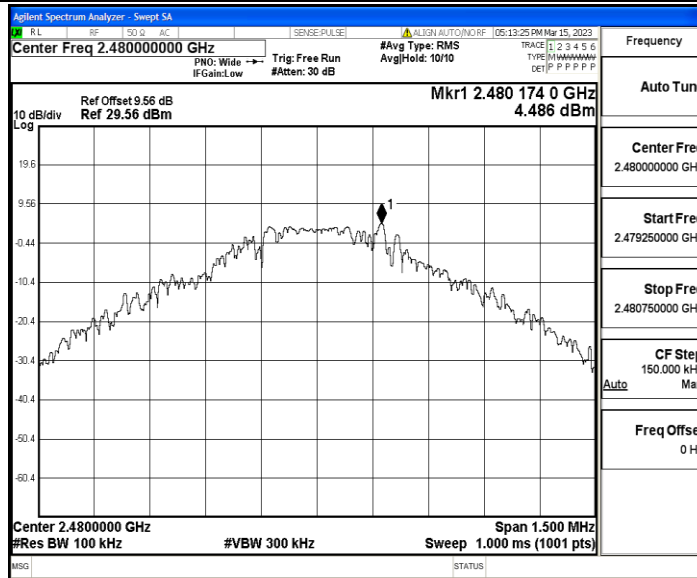
DH5\_Ant1\_2441\_0~Reference



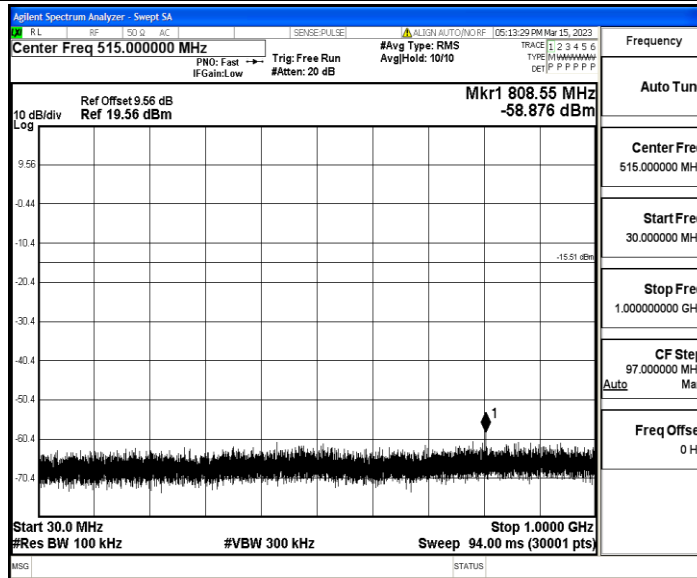
DH5\_Ant1\_2441\_30~1000



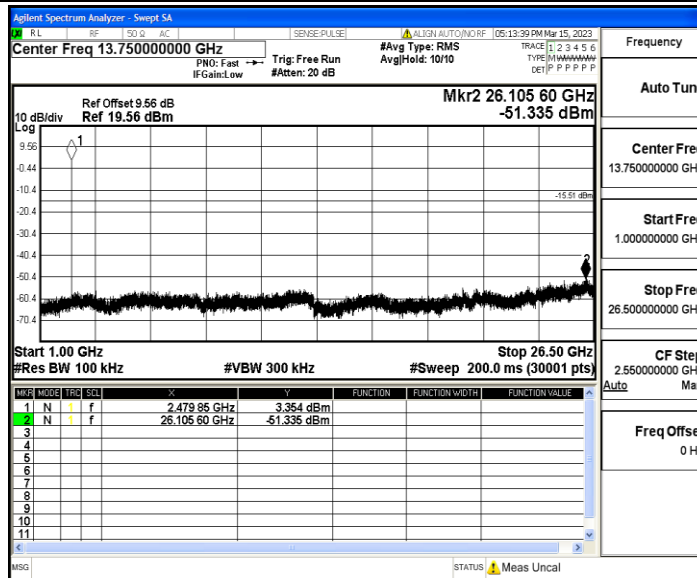
DH5\_Ant1\_2441\_1000~26500



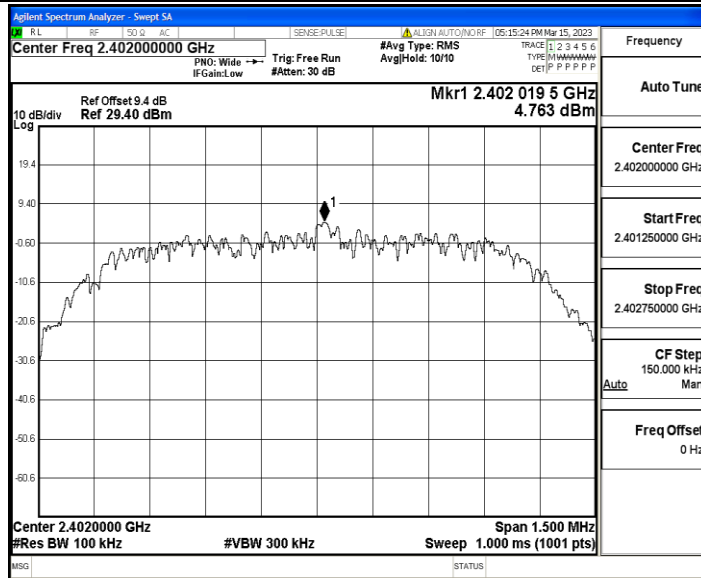
DH5\_Ant1\_2480\_0~Reference



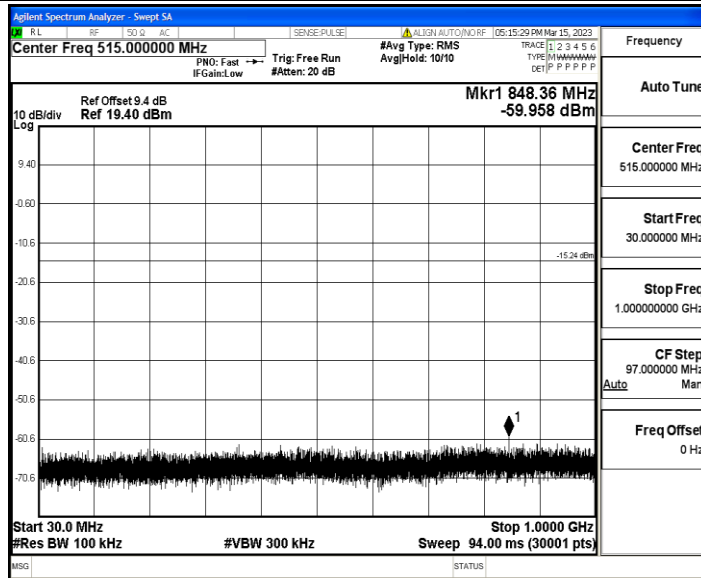
DH5\_Ant1\_2480\_30~1000



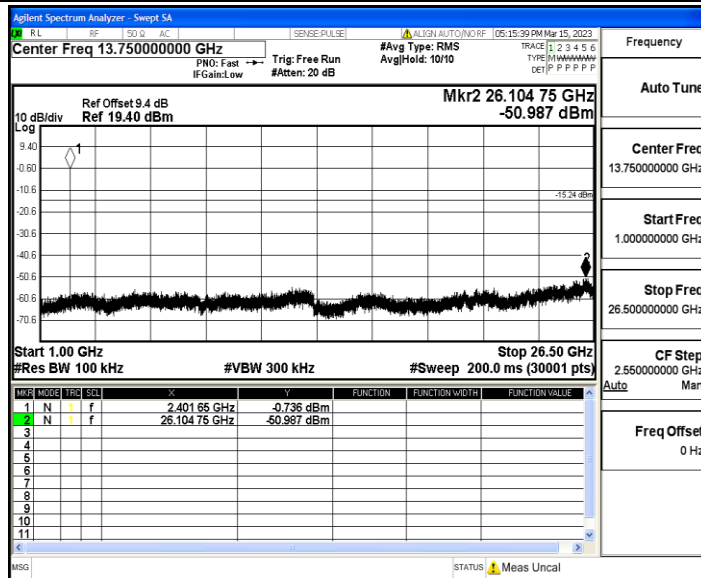
DH5\_Ant1\_2480\_1000~26500



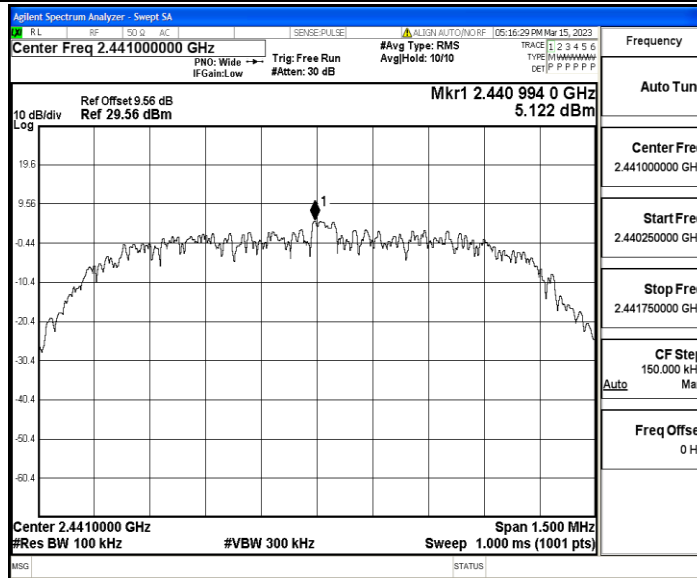
2DH5\_Ant1\_2402\_0~Reference



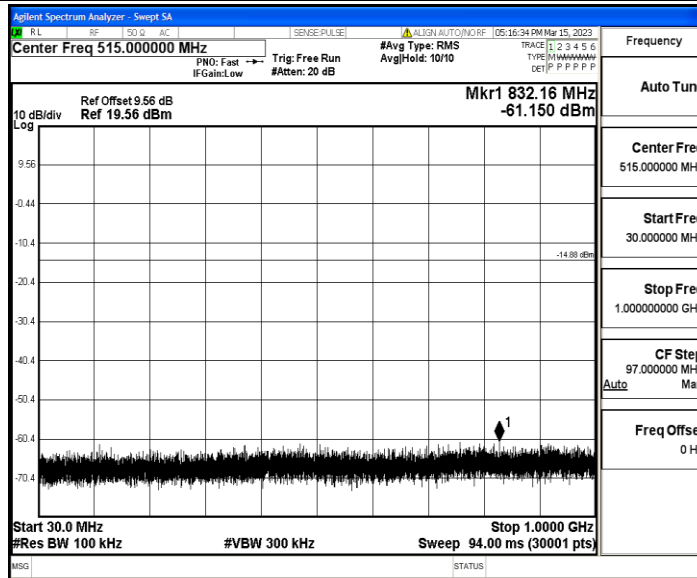
2DH5\_Ant1\_2402\_30~1000



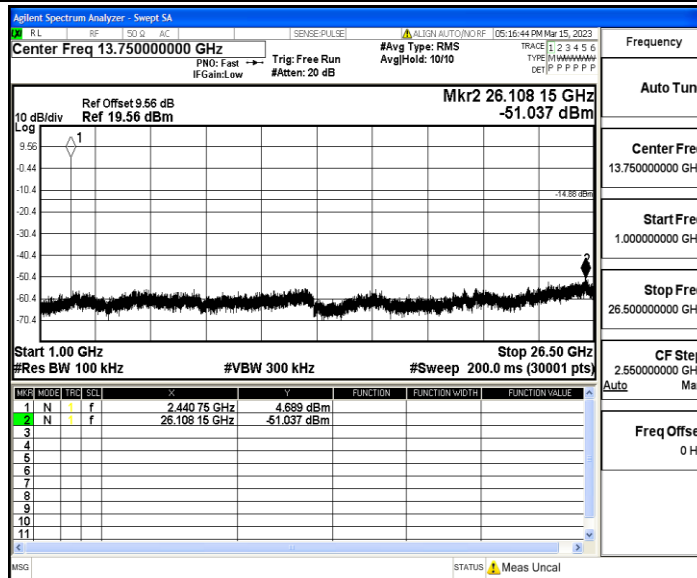
2DH5\_Ant1\_2402\_1000~26500



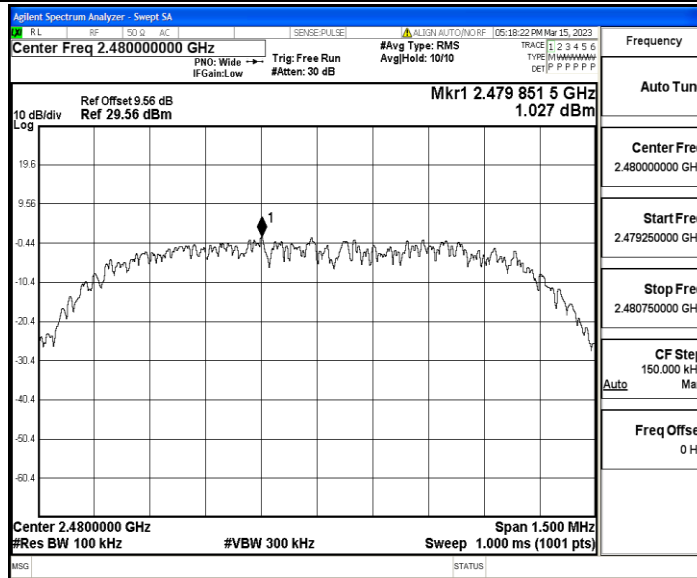
2DH5\_Ant1\_2441\_0~Reference



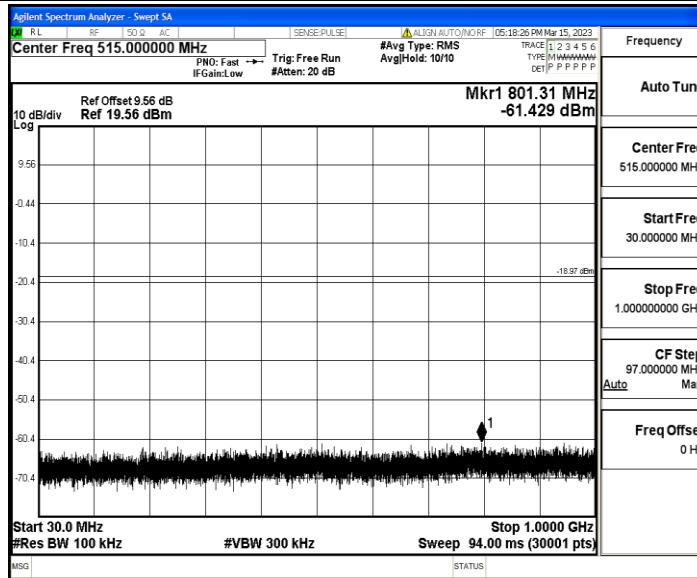
2DH5\_Ant1\_2441\_30~1000



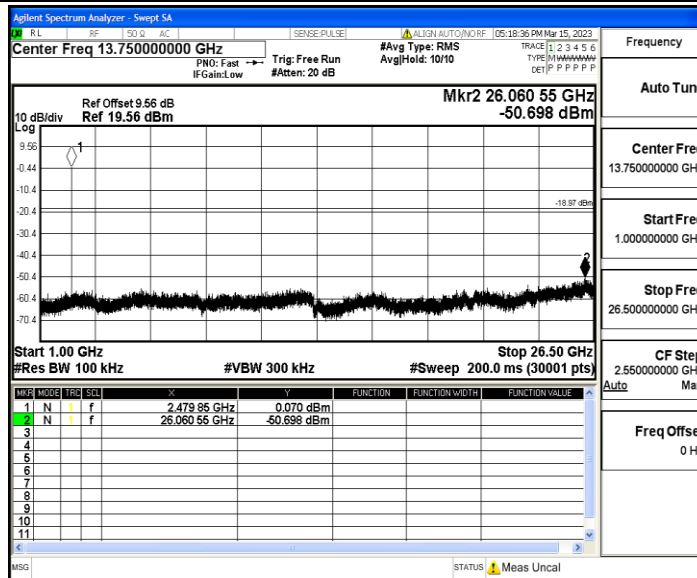
2DH5\_Ant1\_2441\_1000~26500



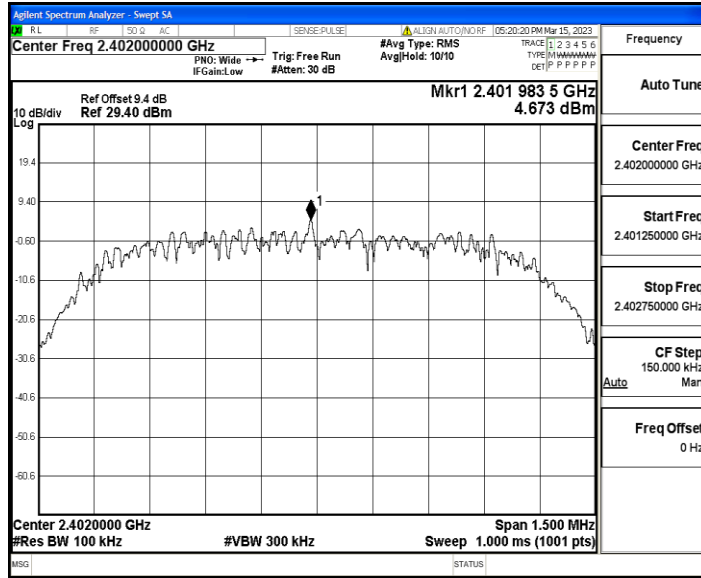
2DH5\_Ant1\_2480\_0~Reference



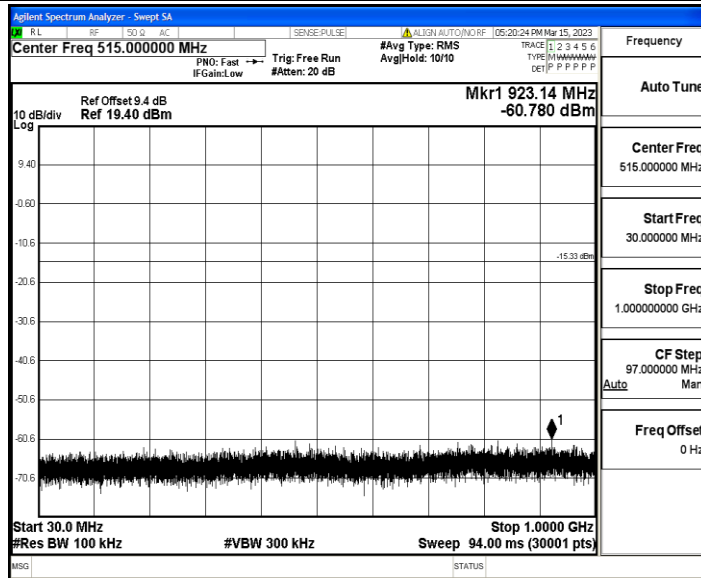
2DH5\_Ant1\_2480\_30~1000



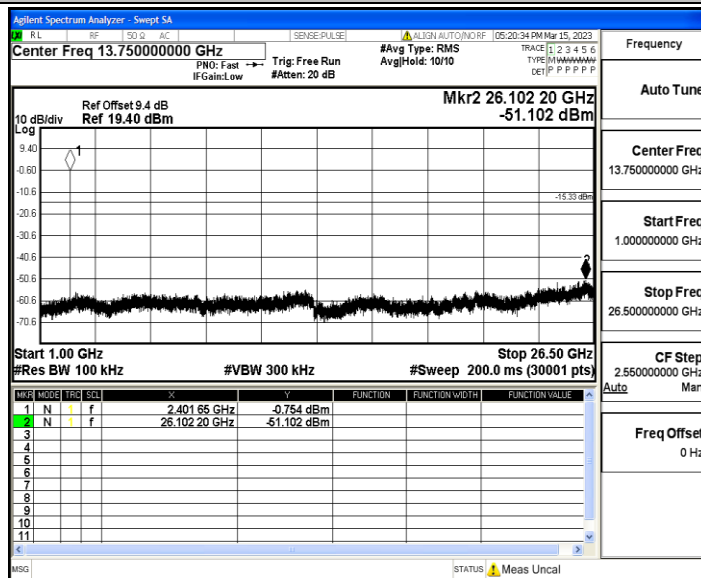
2DH5\_Ant1\_2480\_1000~26500



3DH5\_Ant1\_2402\_0~Reference

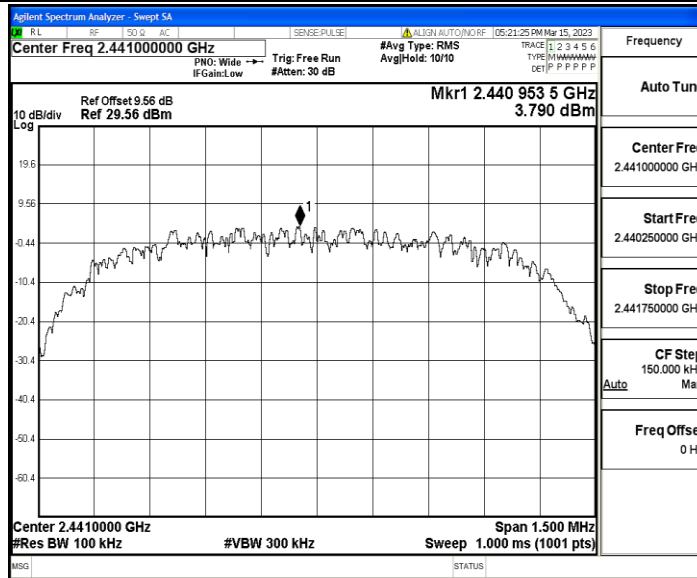


3DH5\_Ant1\_2402\_30~1000

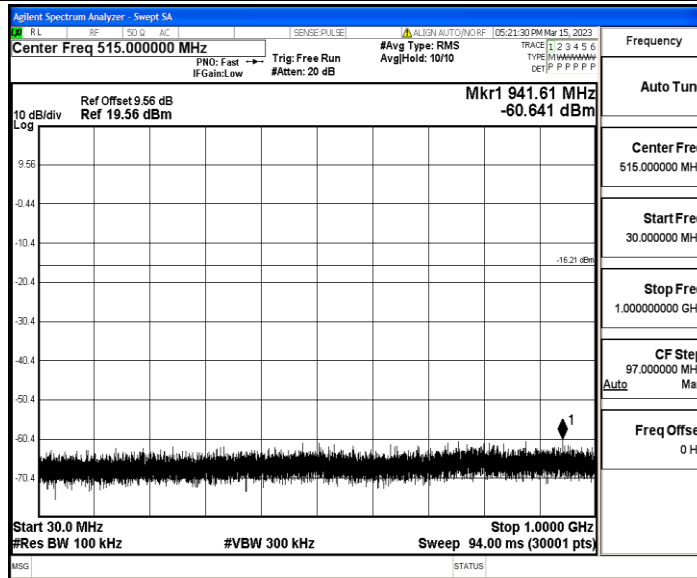


3DH5\_Ant1\_2402\_1000~26500

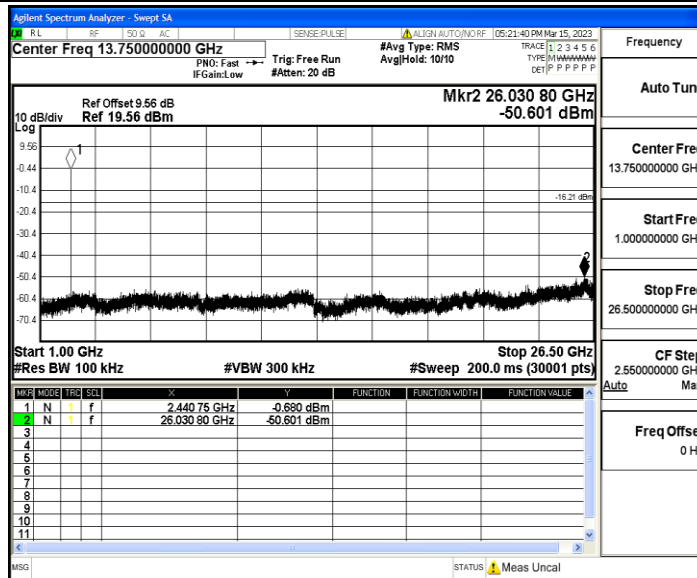




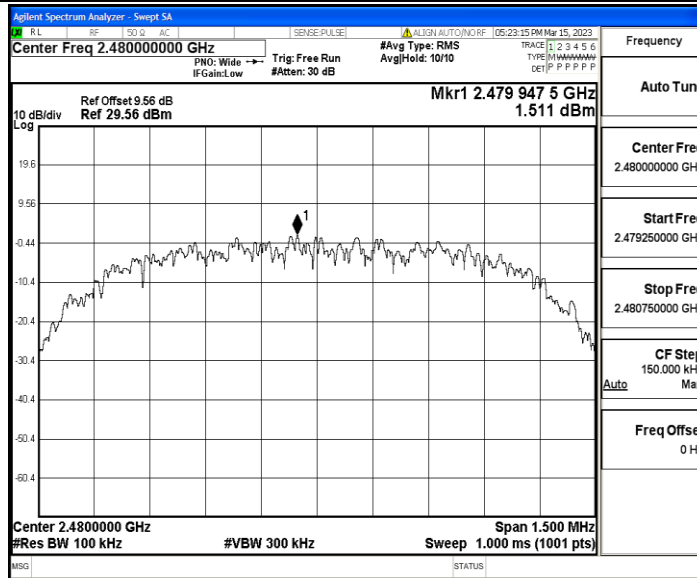
3DH5\_Ant1\_2441\_0~Reference



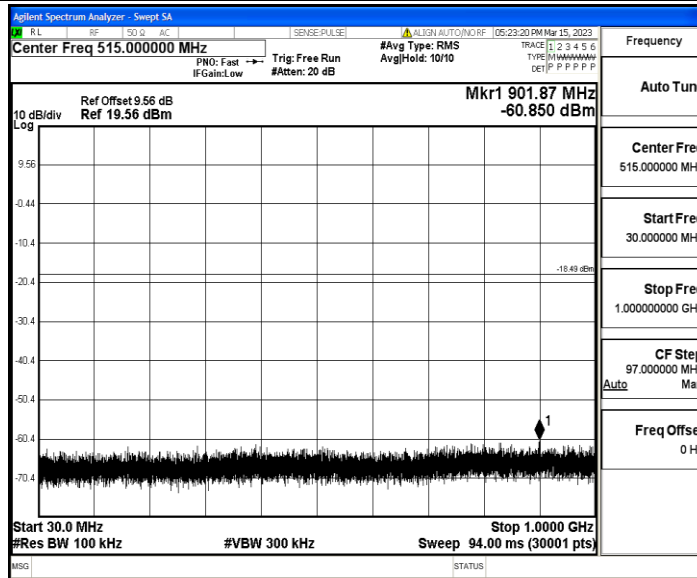
3DH5\_Ant1\_2441\_30~1000



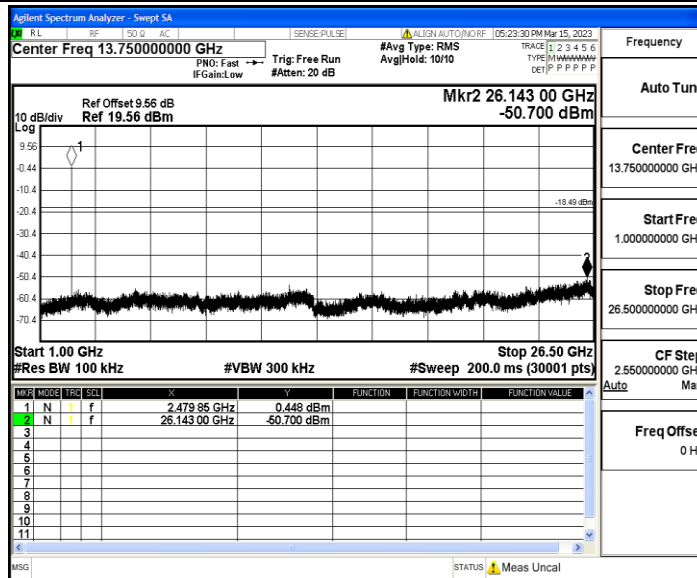
3DH5\_Ant1\_2441\_1000~26500



3DH5\_Ant1\_2480\_0~Reference



3DH5\_Ant1\_2480\_30~1000



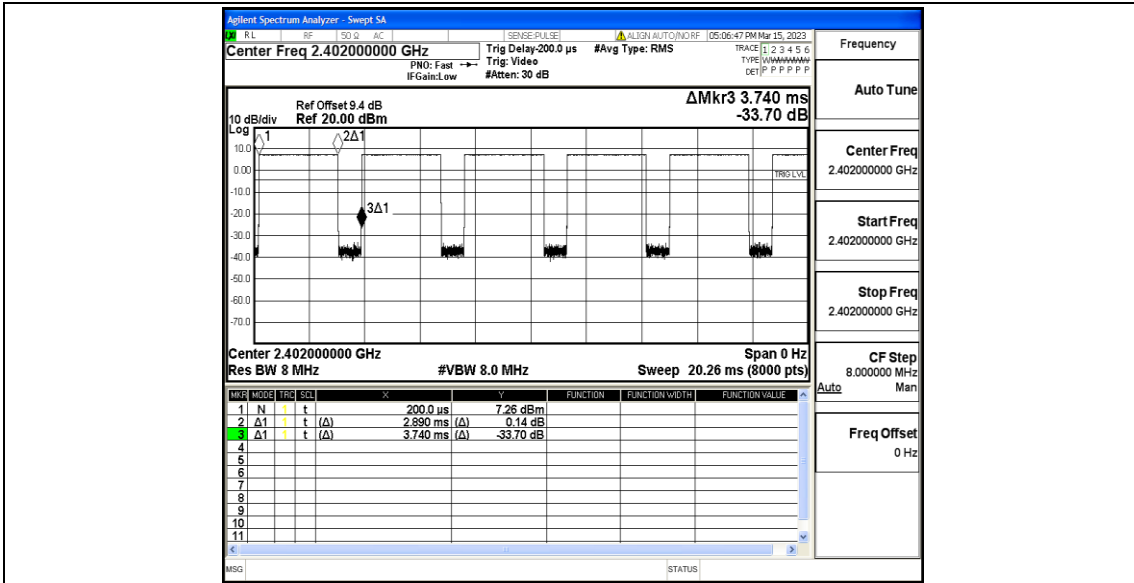
3DH5\_Ant1\_2480\_1000~26500

## Appendix I: Duty Cycle

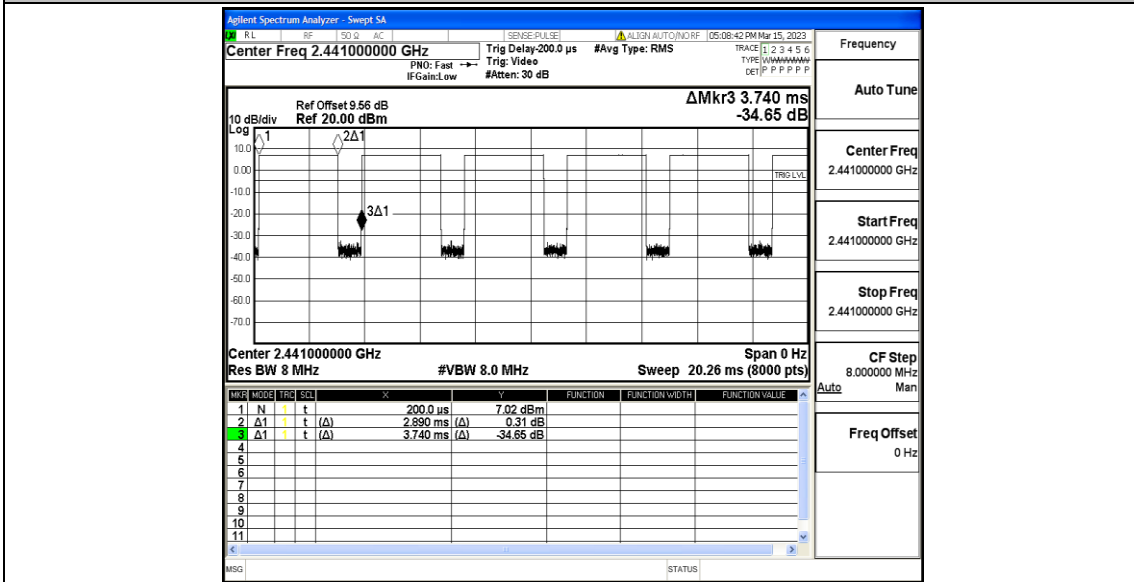
### Test Result

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

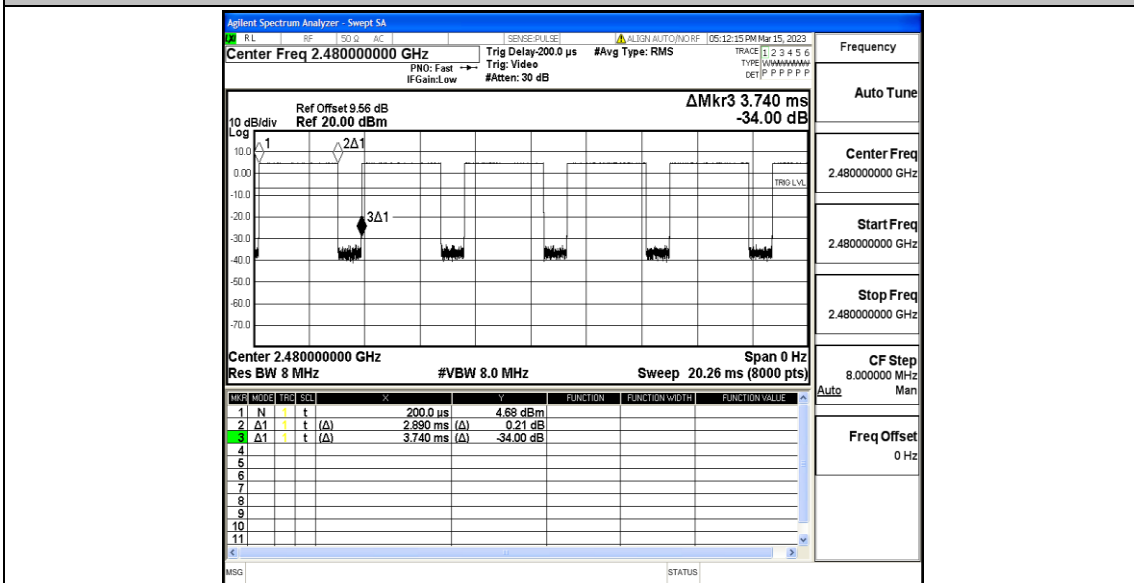
### Test Graphs



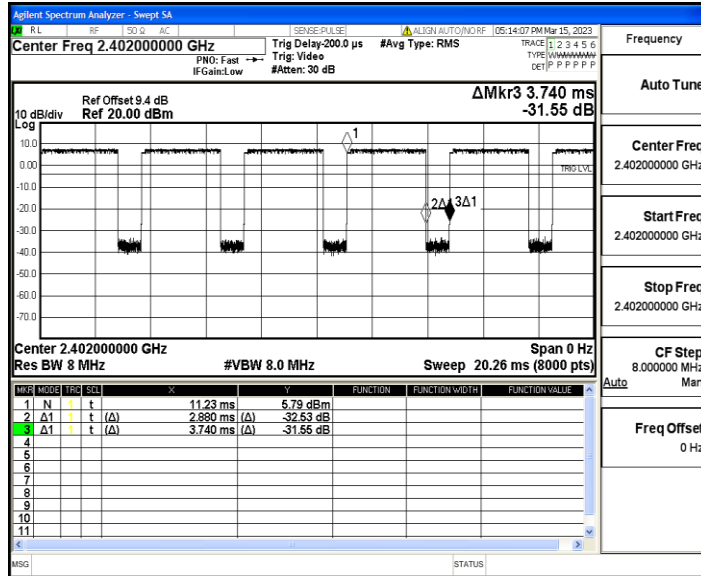
DH5\_Ant1\_2402



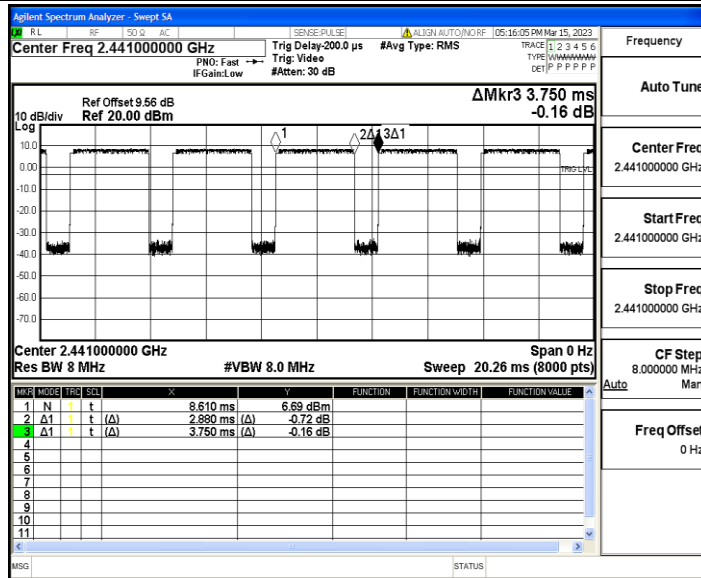
DH5\_Ant1\_2441



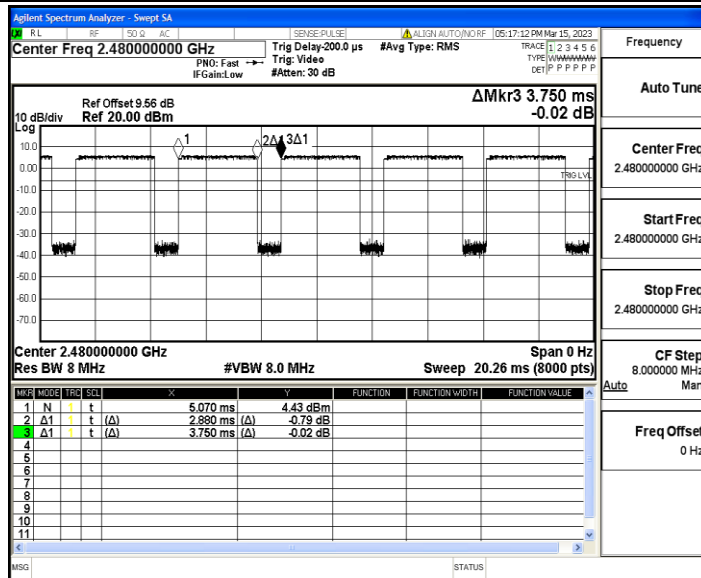
DH5\_Ant1\_2480



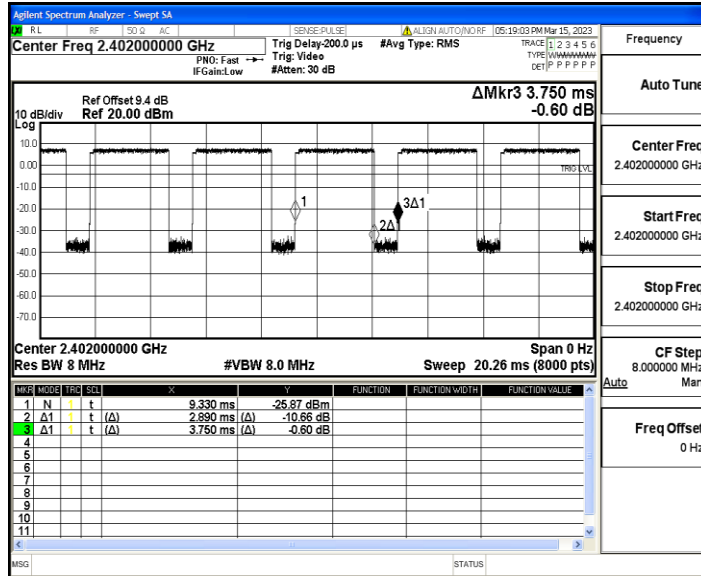
2DH5\_Ant1\_2402



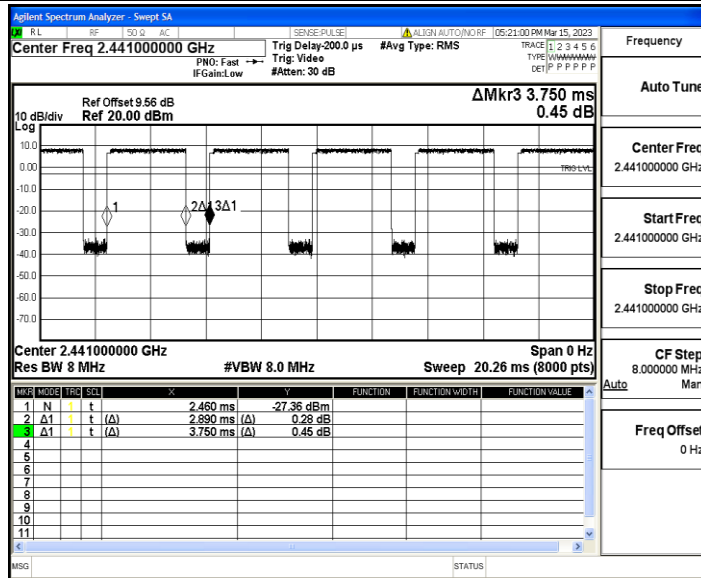
2DH5\_Ant1\_2441



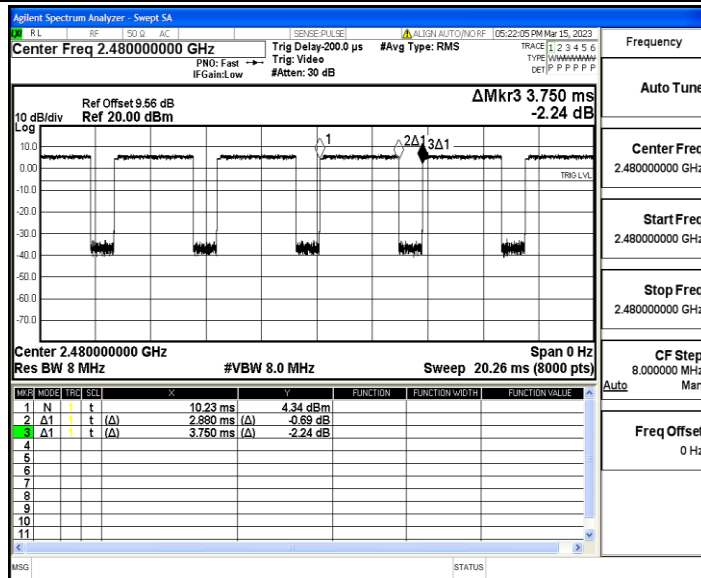
2DH5\_Ant1\_2480



3DH5\_Ant1\_2402



3DH5\_Ant1\_2441



3DH5\_Ant1\_2480

## Appendix 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.