

## Appendix Test Data for BT(BDR/EDR) (Conducted Measurement)

Product Name: Bluetooth Keyboard

Trade Mark: Dexnor

Test Model: Bluetooth Keyboard Dexnor DK001

FCC ID: 2BA3T-DK001

### Environmental Conditions

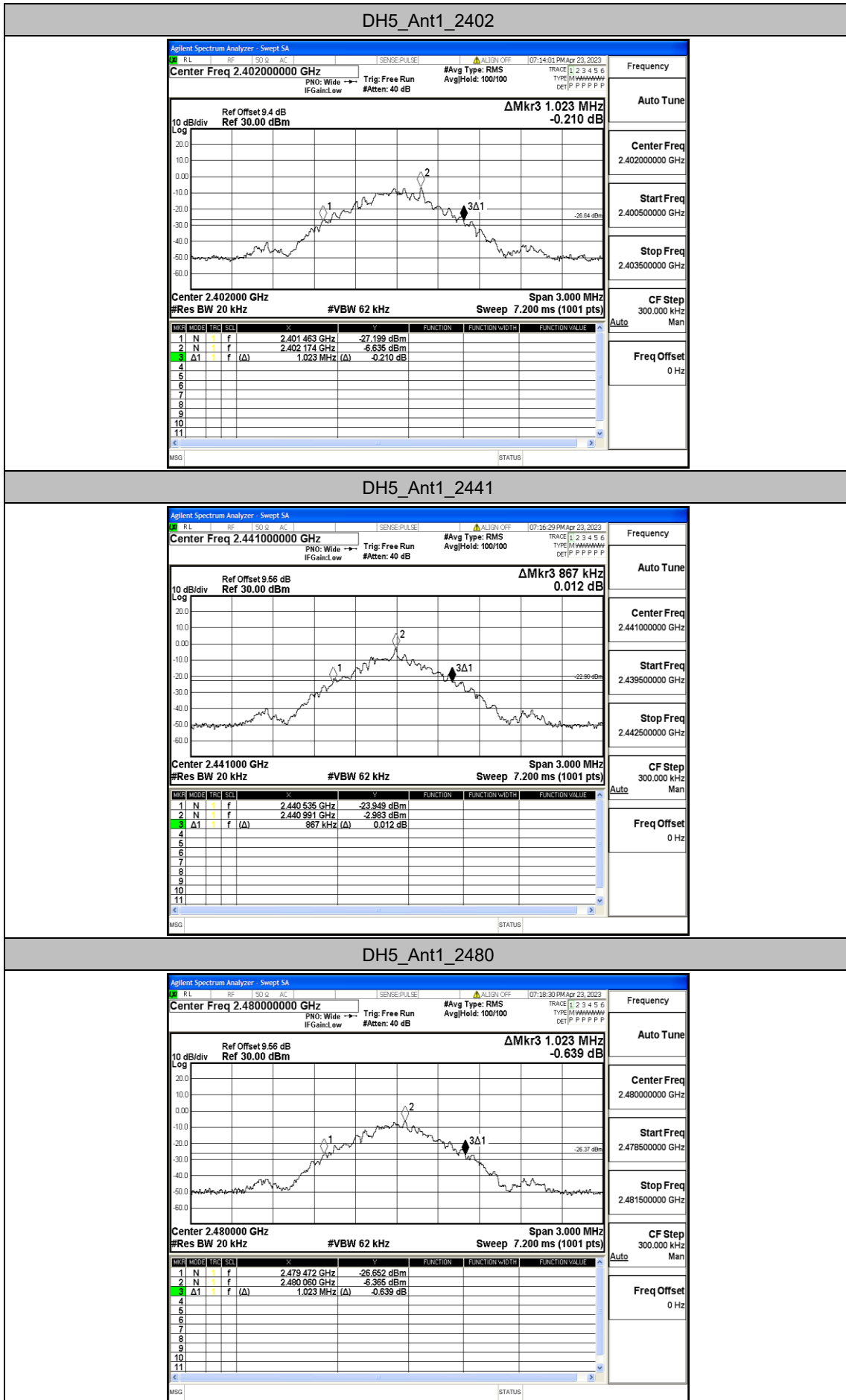
Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

## Appendix A: 20dB Emission Bandwidth

### Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.023	2401.463	2402.486	---	---
		2441	0.867	2440.535	2441.402	---	---
		2480	1.023	2479.472	2480.495	---	---

Test Graphs

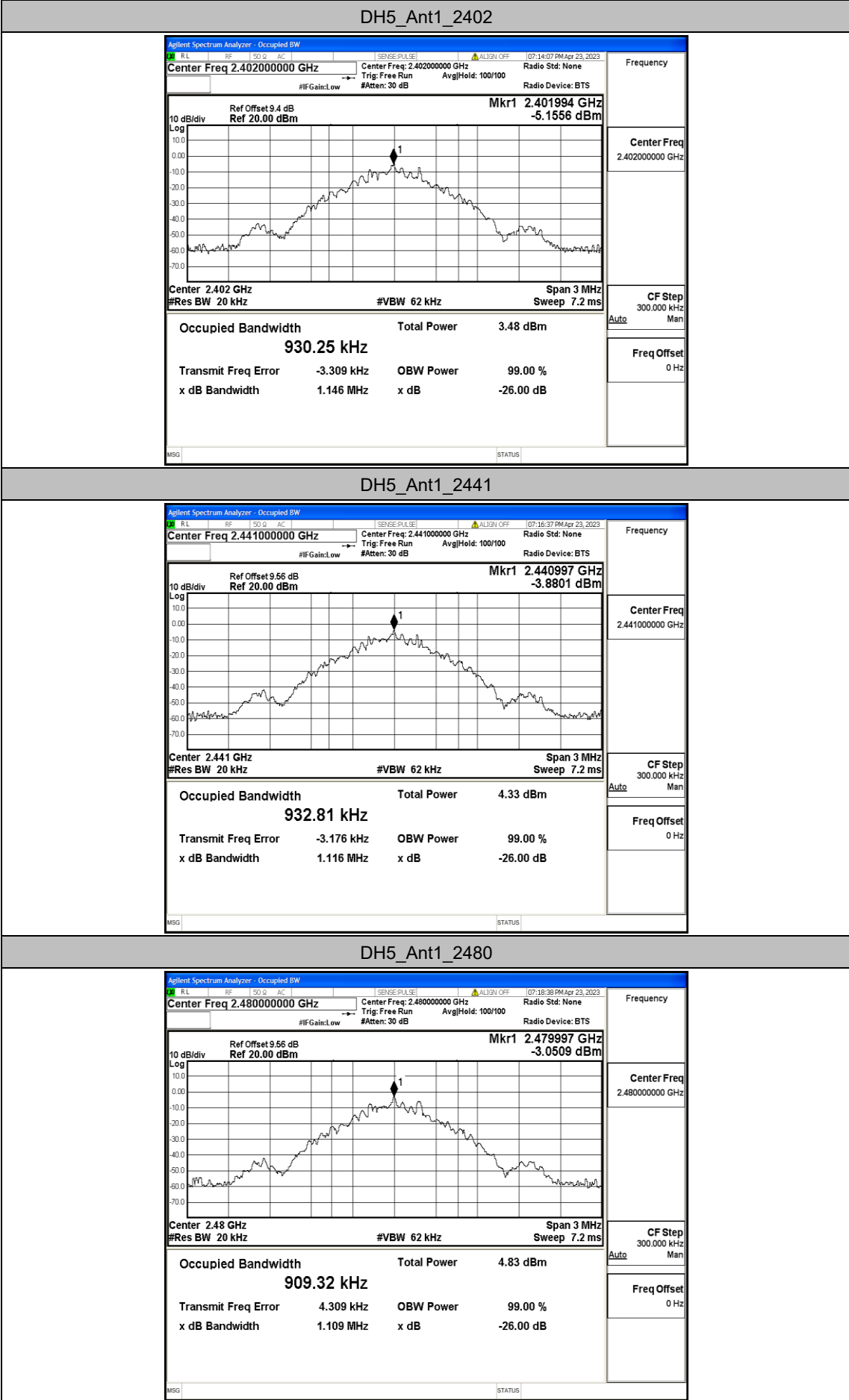


## Appendix B: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.93025	2401.5316	2402.4618	---	---
		2441	0.93281	2440.5304	2441.4632	---	---
		2480	0.90932	2479.5497	2480.4590	---	---

### Test Graphs

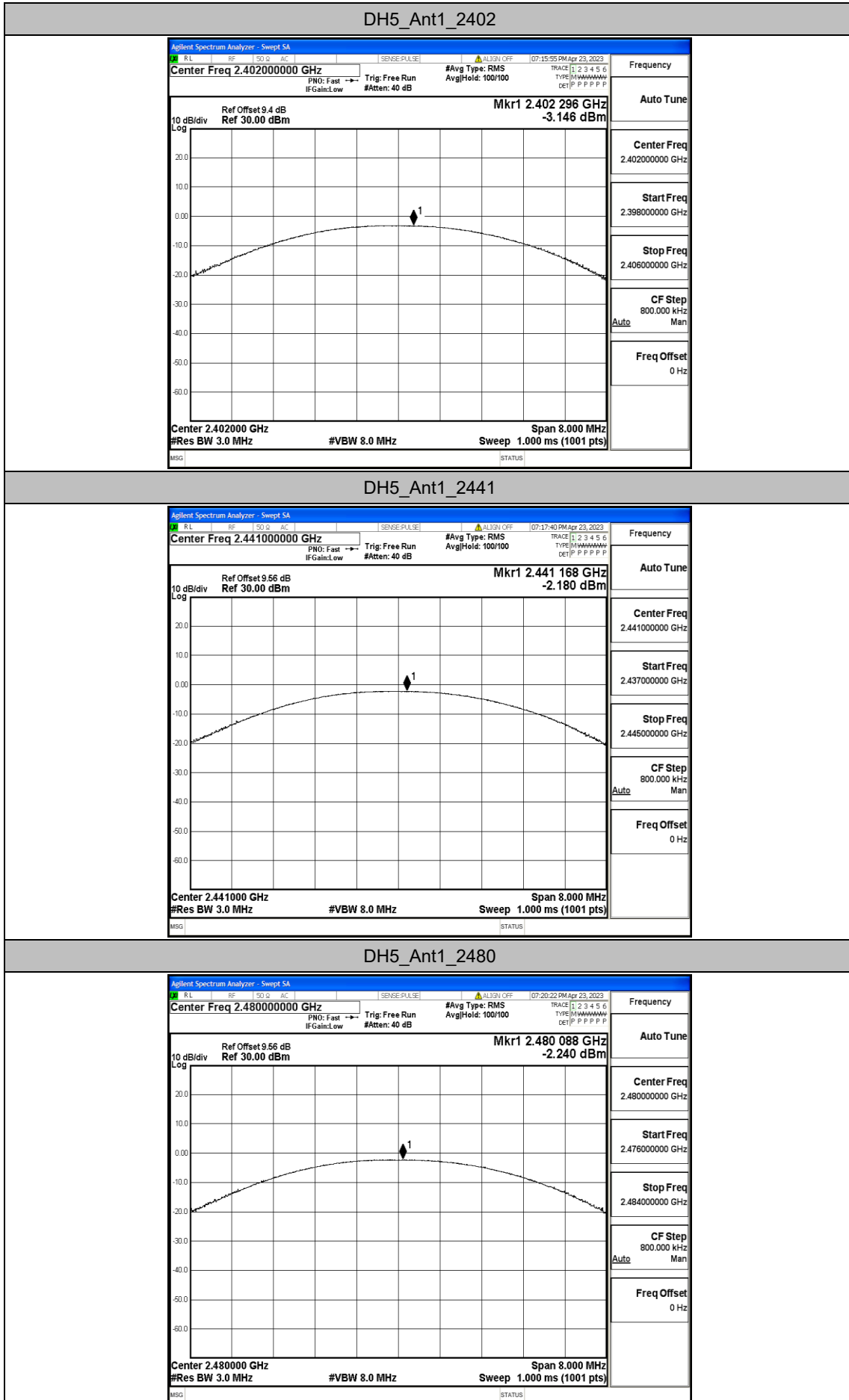


## Appendix C: Maximum Peak conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-3.15	≤20.97	PASS
		2441	-2.18	≤20.97	PASS
		2480	-2.24	≤20.97	PASS

### Test Graphs

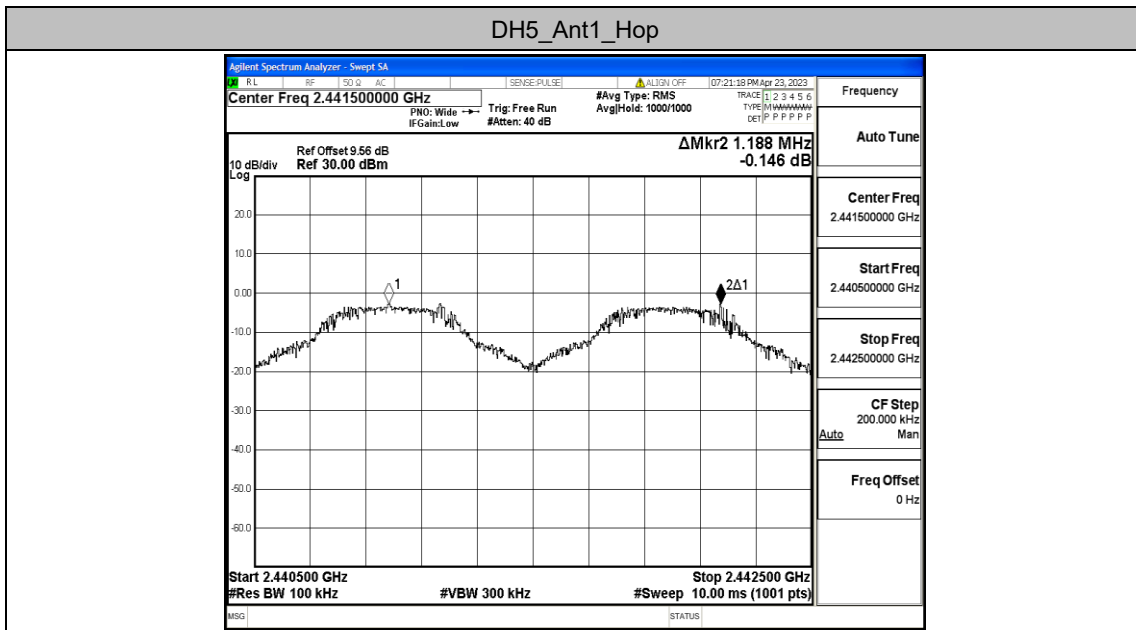


## Appendix D: Carrier frequency separation

### Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.188	$\geq 1.023$	PASS

### Test Graphs



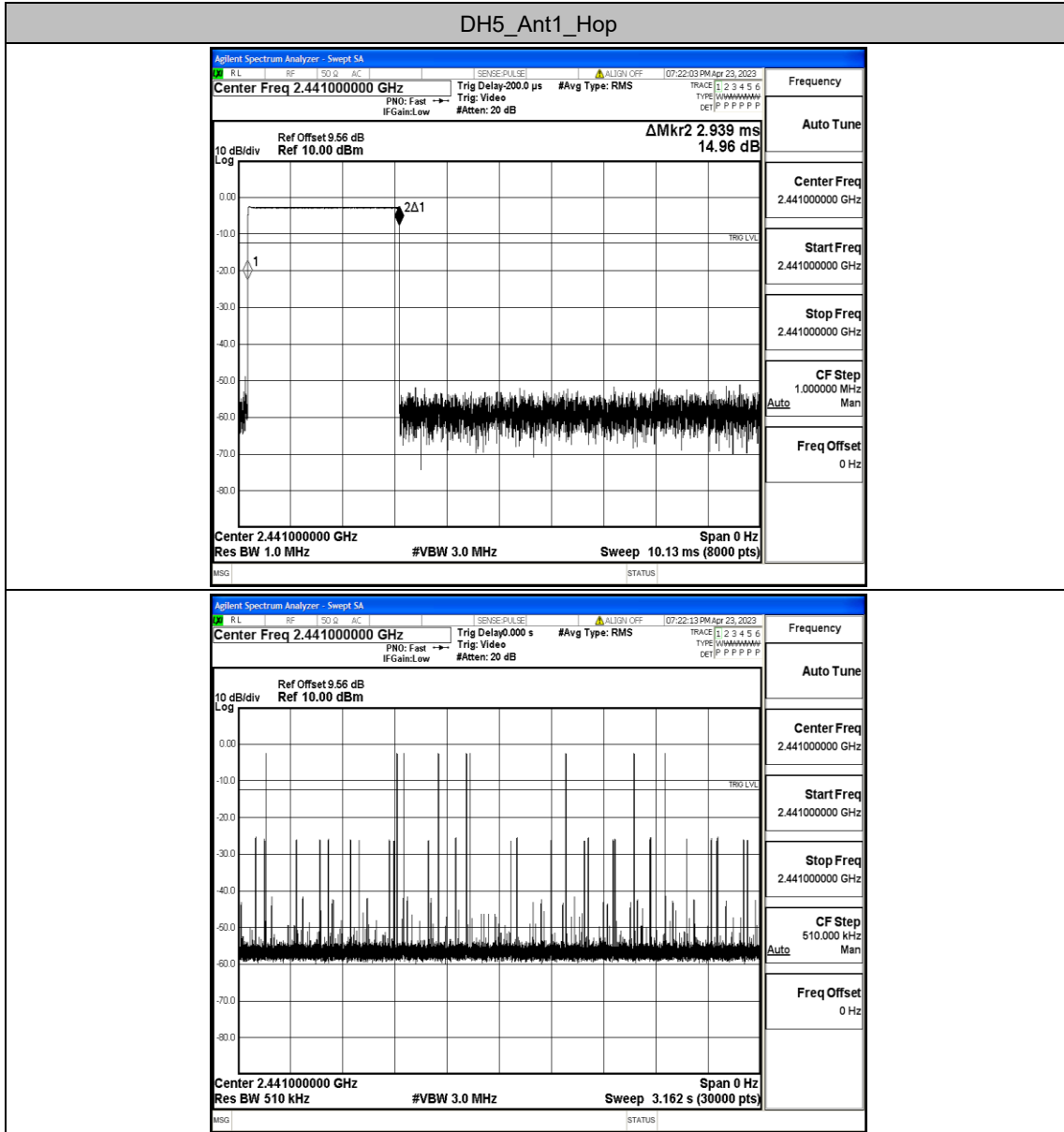


## Appendix E: Time of occupancy

### Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.939	100	0.294	≤0.4	PASS

### Test Graphs

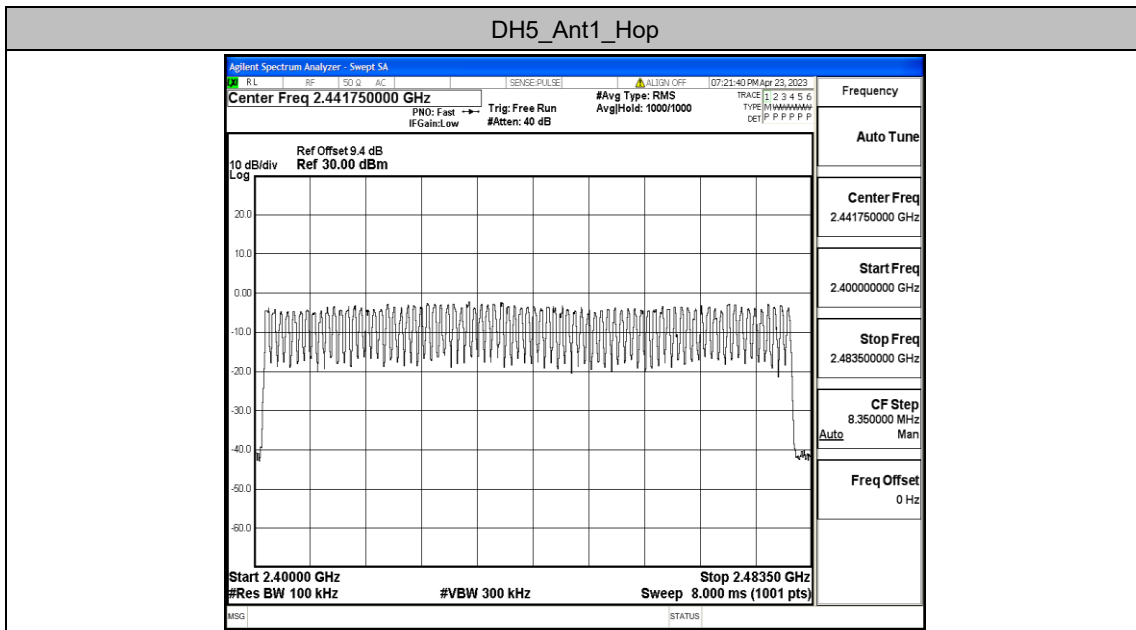


## Appendix F: Number of hopping channels

### Test Result

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

### Test Graphs



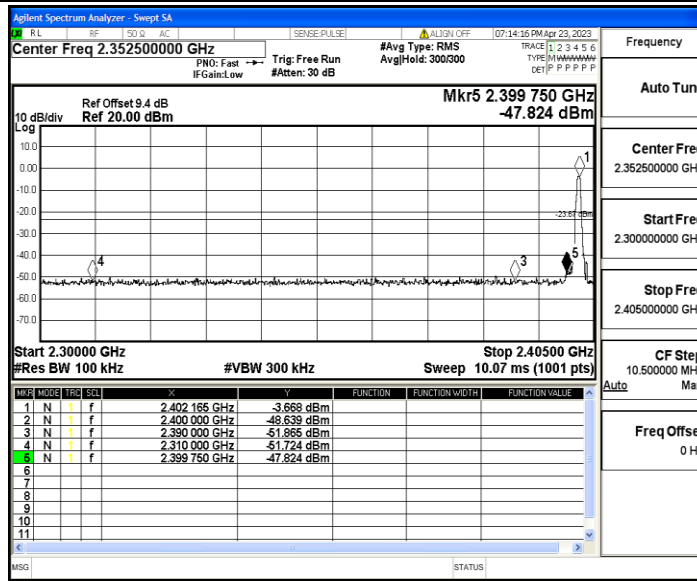
## Appendix G: Band edge measurements

### Test Result

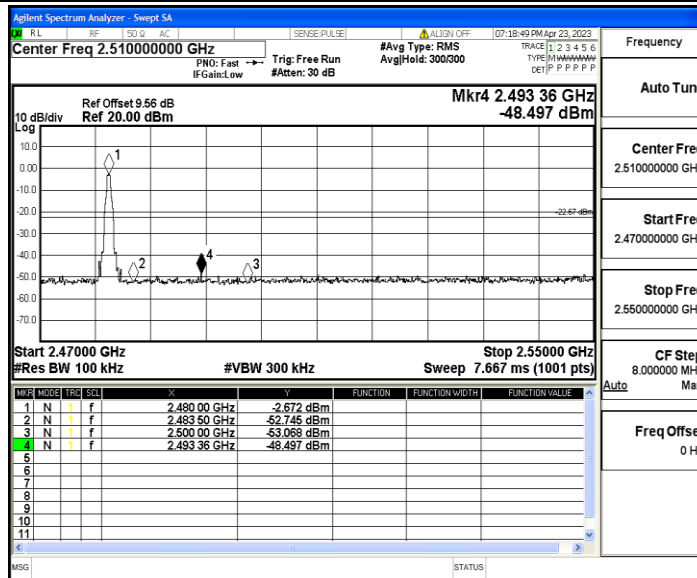
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-3.67	-47.82	≤-23.67	PASS
		High	2480	-2.67	-48.5	≤-22.67	PASS
		Low	Hop_2402	-4.68	-50.31	≤-24.68	PASS
		High	Hop_2480	-3.13	-48.31	≤-23.13	PASS

Test Graphs

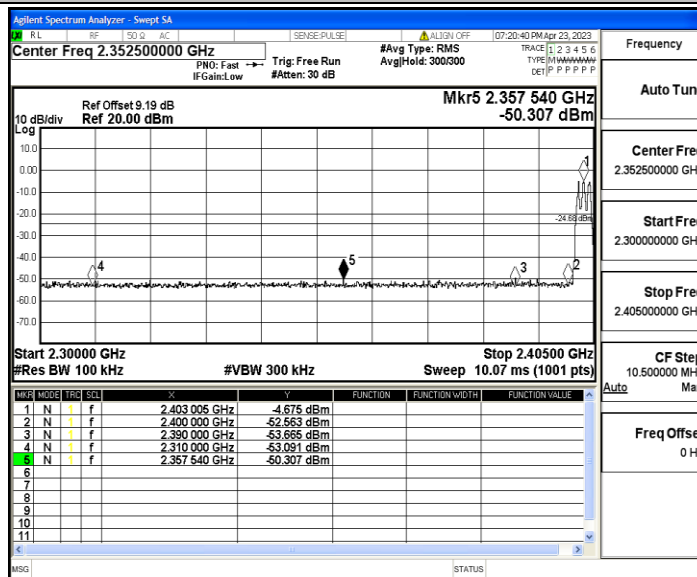
DH5\_Ant1\_Low\_2402



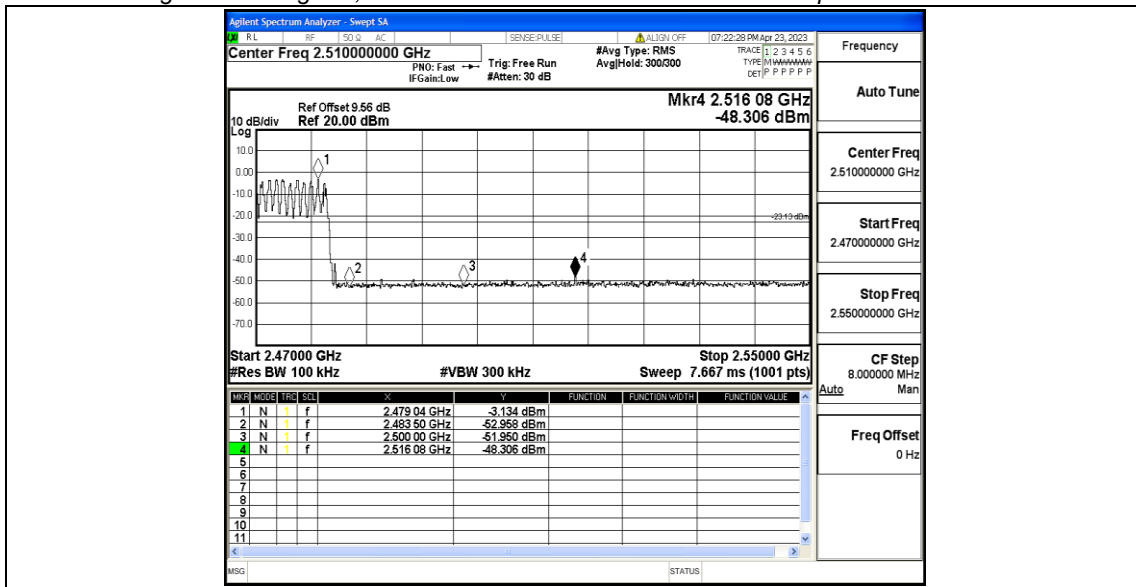
DH5\_Ant1\_High\_2480



DH5\_Ant1\_Low\_Hop\_2402



DH5\_Ant1\_High\_Hop\_2480



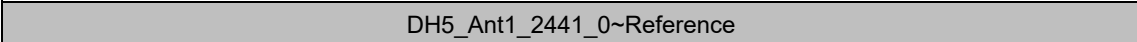
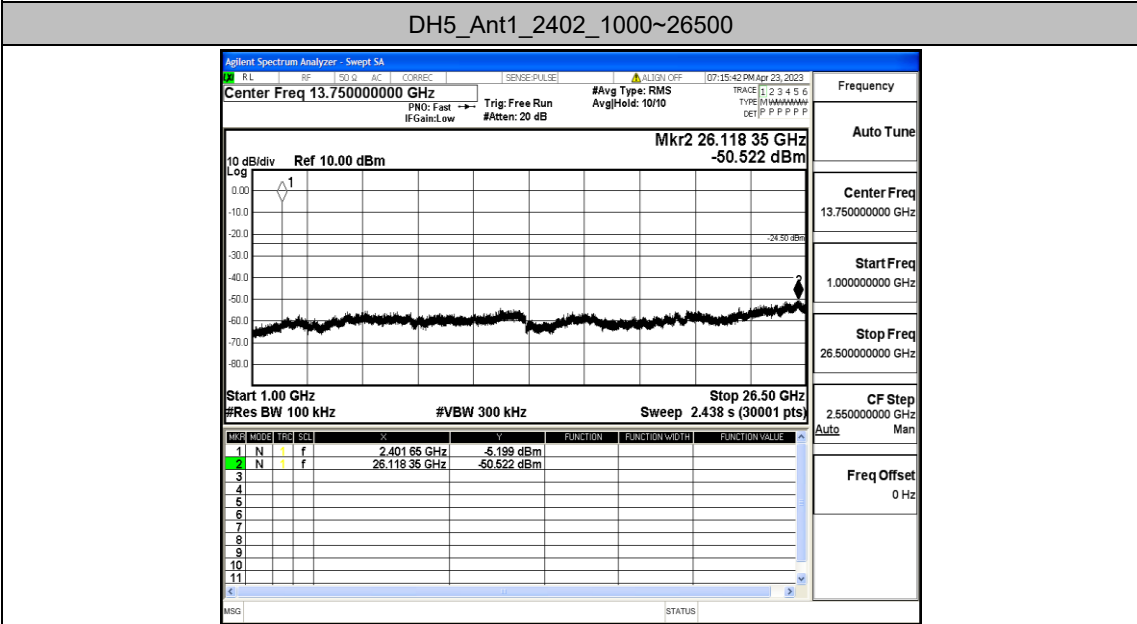
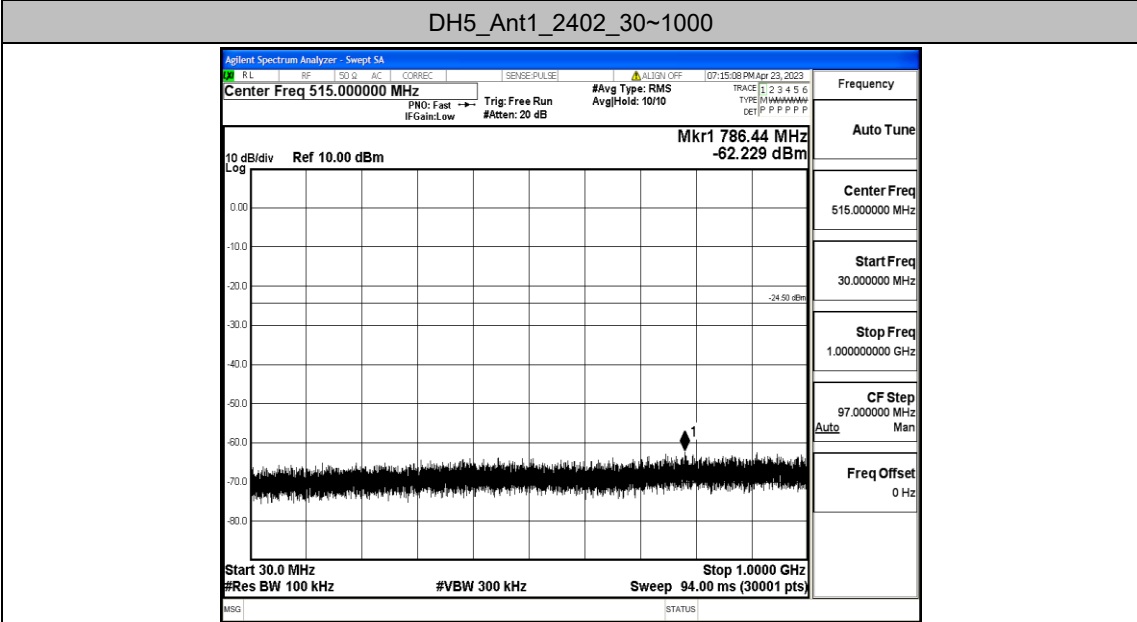
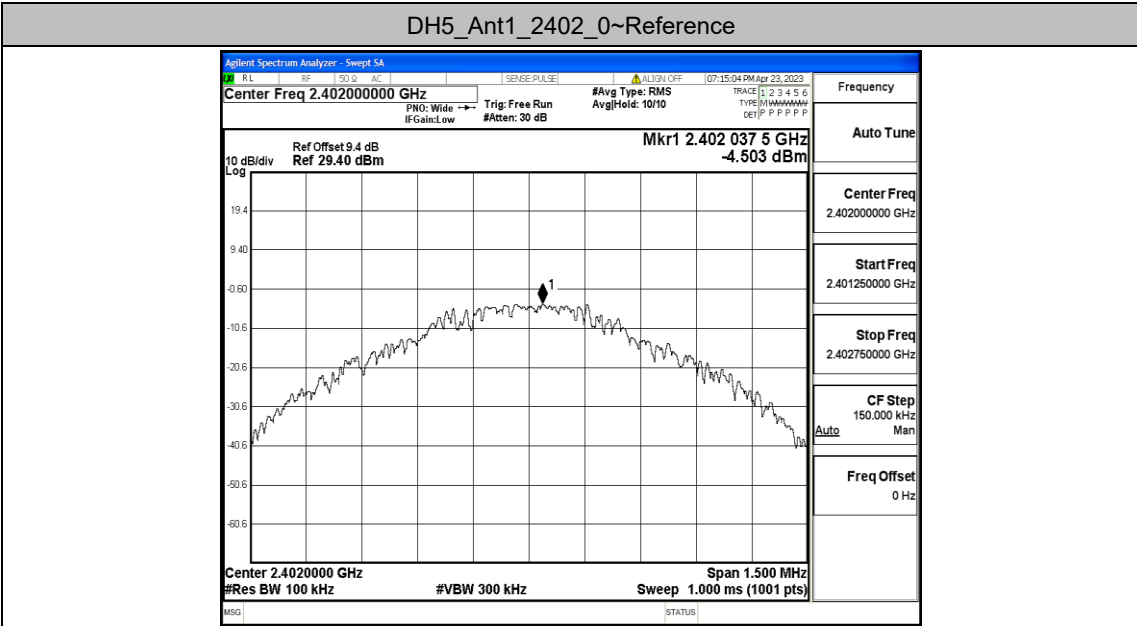
## Appendix H: Conducted Spurious Emission

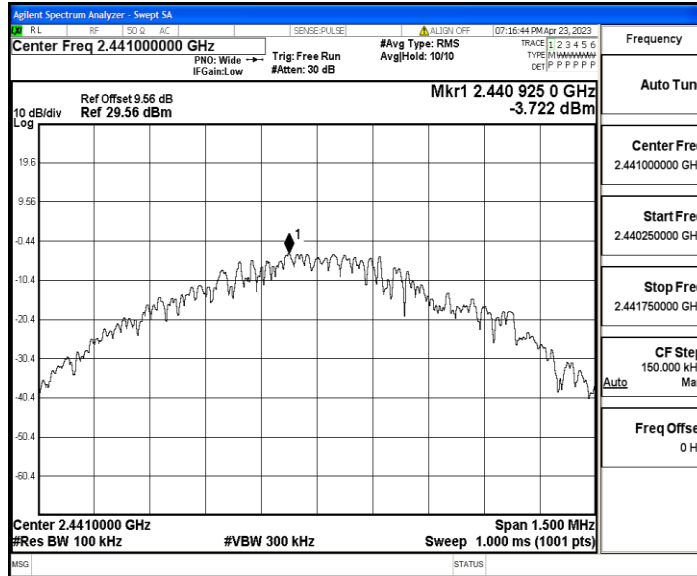
### Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-4.50	-4.50	---	PASS
			30~1000	-4.50	-62.23	≤-24.5	PASS
			1000~26500	-4.50	-50.52	≤-24.5	PASS
		2441	Reference	-3.72	-3.72	---	PASS
			30~1000	-3.72	-61.05	≤-23.72	PASS
			1000~26500	-3.72	-49.62	≤-23.72	PASS
		2480	Reference	-3.31	-3.31	---	PASS
			30~1000	-3.31	-61.54	≤-23.31	PASS
			1000~26500	-3.31	-48.99	≤-23.31	PASS

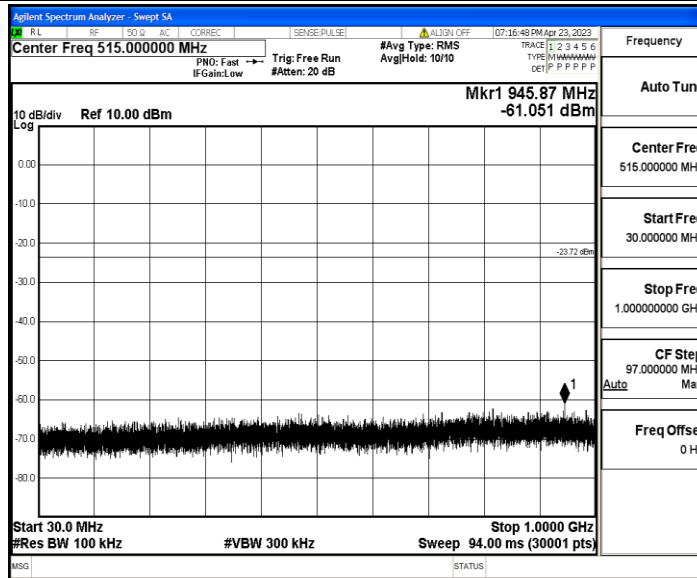


Test Graphs

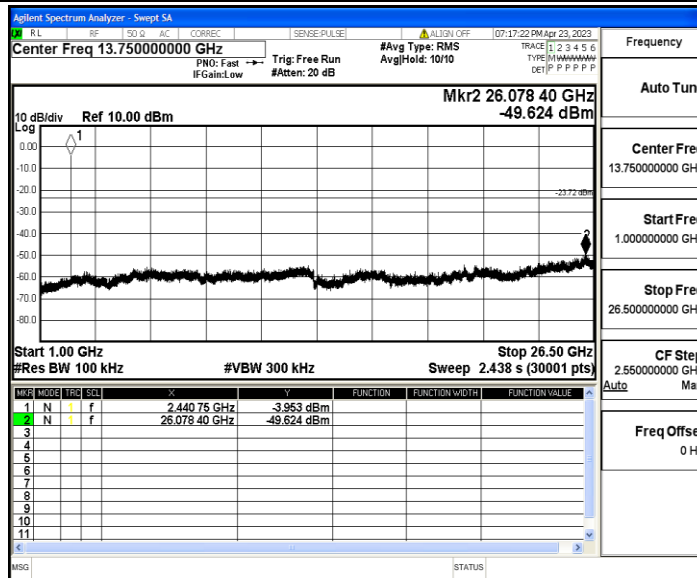




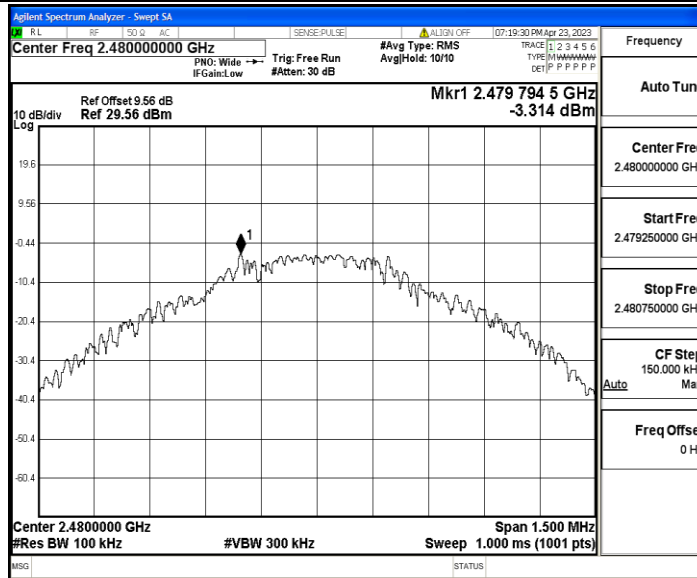
DH5\_Ant1\_2441\_30~1000



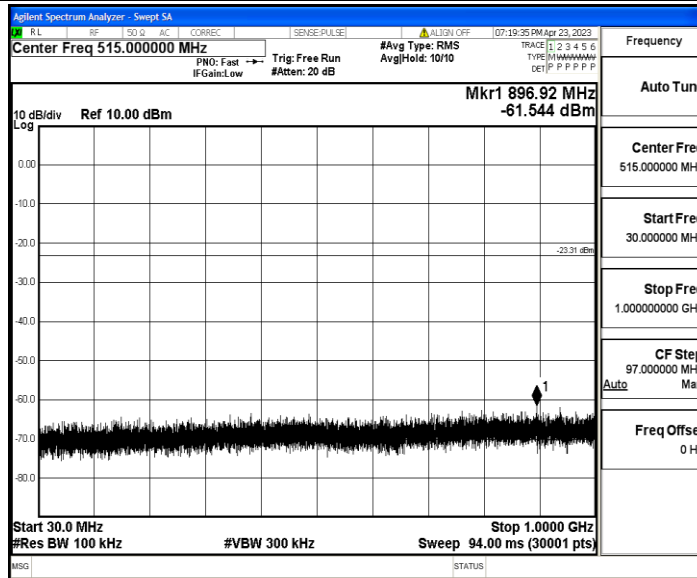
DH5\_Ant1\_2441\_1000~26500



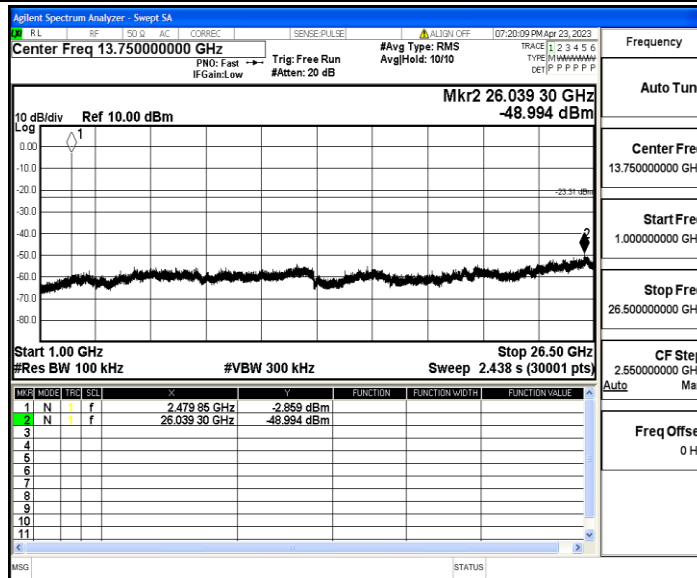
DH5\_Ant1\_2480\_0~Reference



DH5\_Ant1\_2480\_30~1000



DH5\_Ant1\_2480\_1000~26500

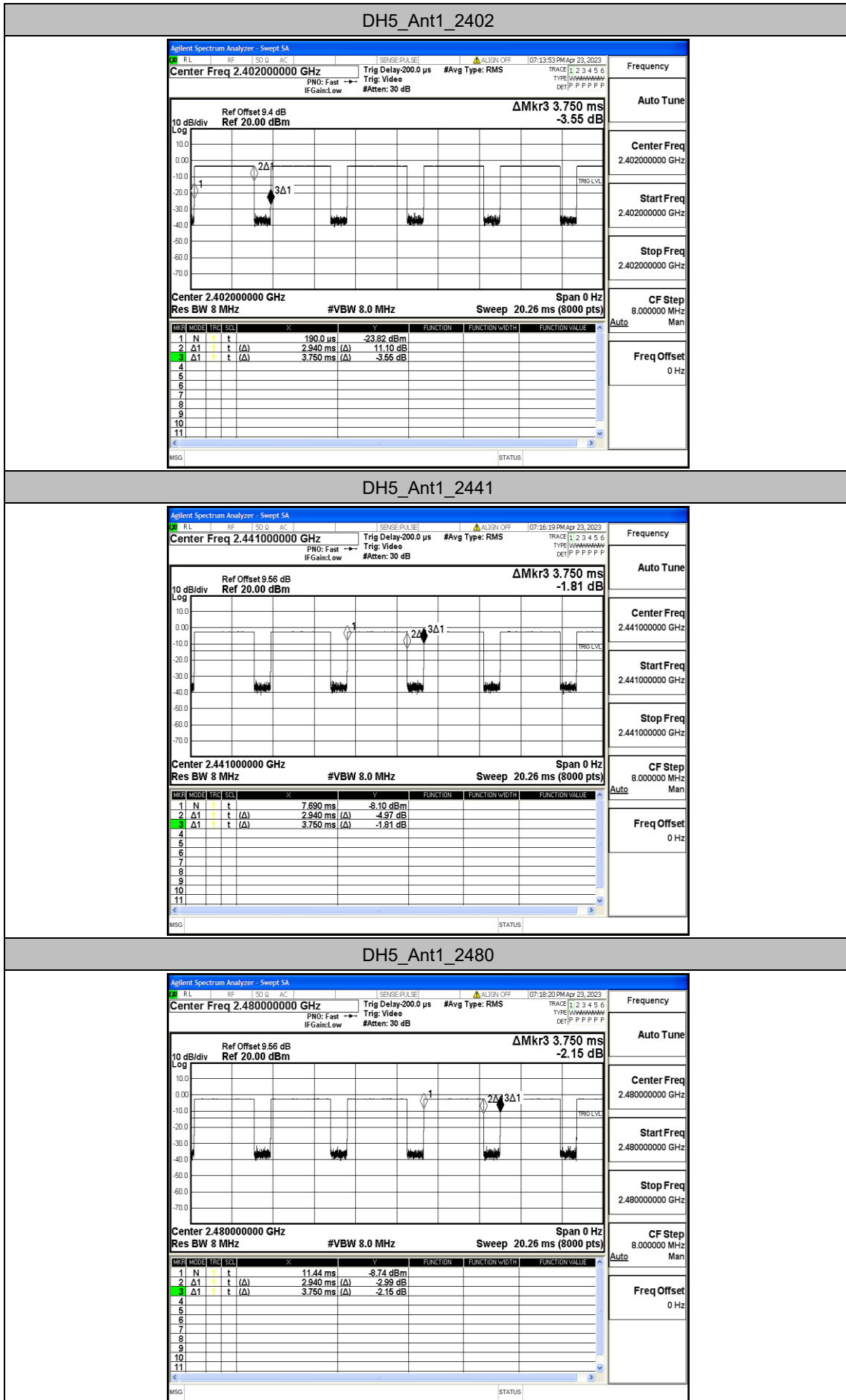


## Appendix I: Duty Cycle

### Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T[kHz]
DH5	Ant1	2402	2.94	3.75	78.40	0.34
		2441	2.94	3.75	78.40	0.34
		2480	2.94	3.75	78.40	0.34

Test Graphs



## Appendix J: Emissions in Restricted Bands

### Test Result

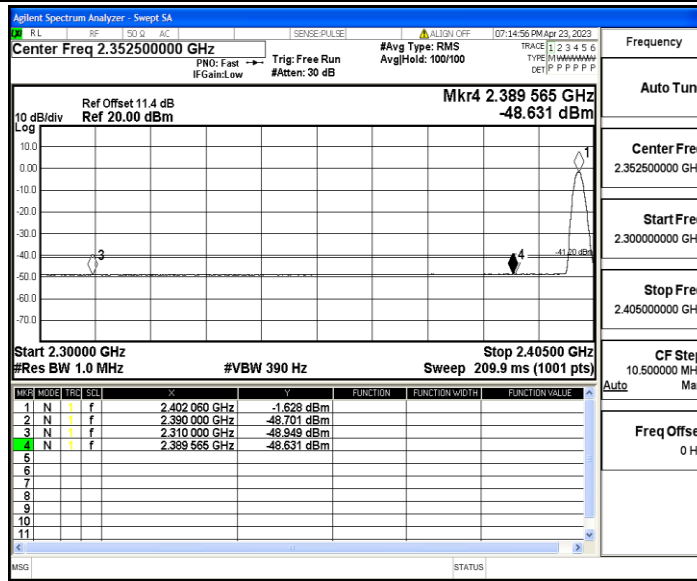
TestMode	Antenna	ChName	Channel	Detector	Freq(MHz)	Result(dBm)	Limit(dBm)	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-48.95	≤-41.20	PASS
				AV	2389.565	-48.63	≤-41.20	PASS
				AV	2390.000	-48.7	≤-41.20	PASS
				Peak	2310.000	-41.3	≤-21.20	PASS
				Peak	2372.975	-38.46	≤-21.20	PASS
				Peak	2390.000	-40.55	≤-21.20	PASS
		High	2480	AV	2483.500	-48.06	≤-41.20	PASS
				AV	2499.680	-47.85	≤-41.20	PASS
				AV	2500.000	-48.05	≤-41.20	PASS
				Peak	2483.500	-41.02	≤-21.20	PASS
				Peak	2493.440	-38.02	≤-21.20	PASS
				Peak	2500.000	-41.03	≤-21.20	PASS

#### Note:

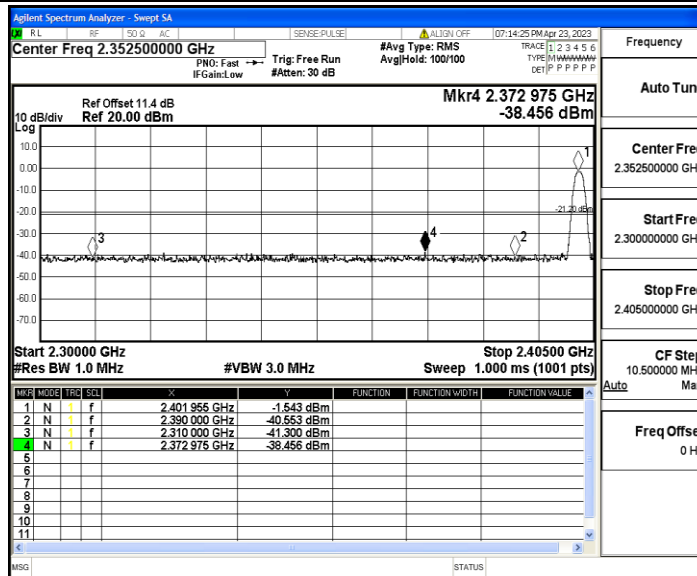
1. The Antenna Gain is compensated in the graph with 2dBi and Antenna Gain which is Higher.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

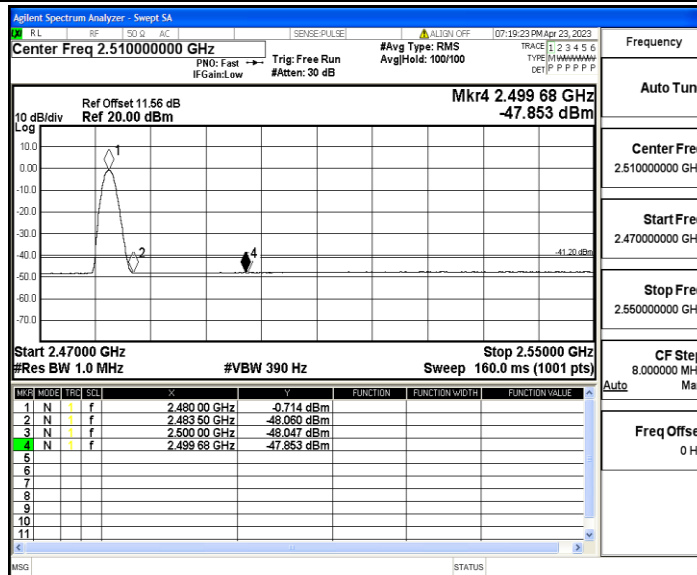
DH5\_Ant1\_Low\_2402\_AV



DH5\_Ant1\_Low\_2402\_Peak



DH5\_Ant1\_High\_2480\_AV



DH5\_Ant1\_High\_2480\_Peak

