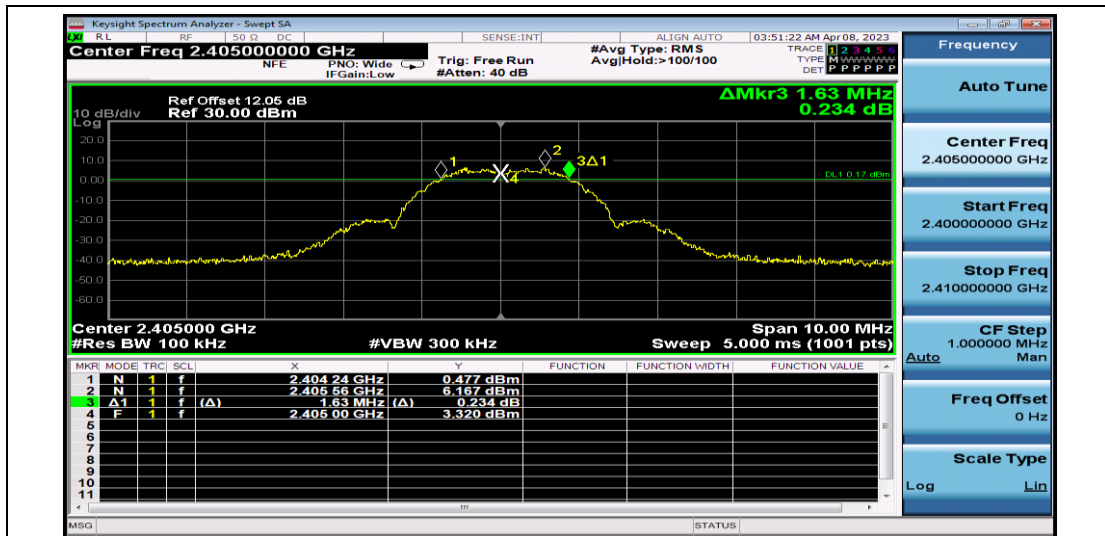


## Appendix A: DTS Bandwidth

### Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
ZIGB	Ant1	2405	1.630	2404.240	2405.870	0.5	PASS
		2440	1.630	2439.250	2440.880	0.5	PASS
		2480	1.600	2479.270	2480.870	0.5	PASS

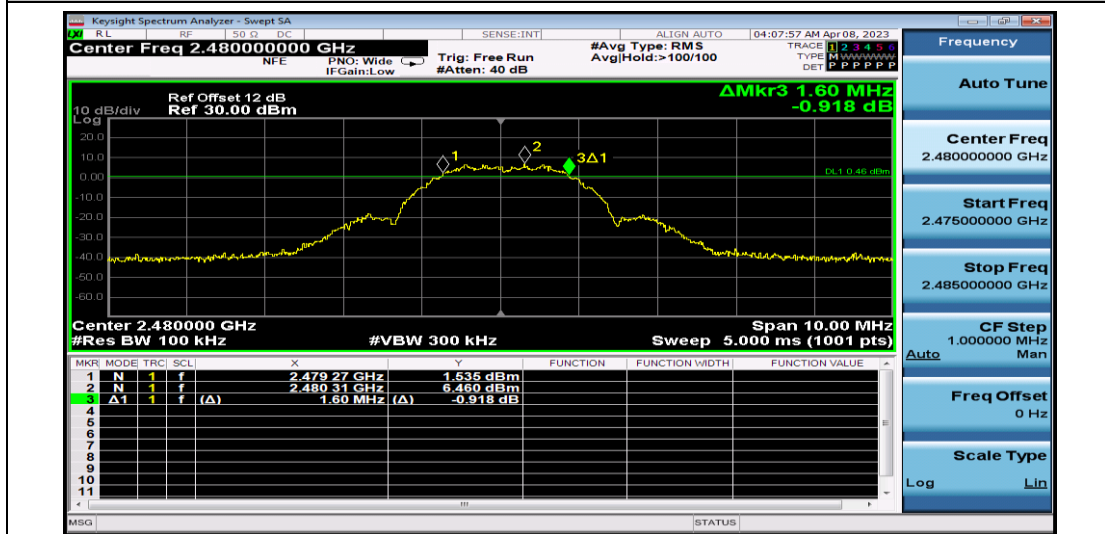
## Test Graphs



ZIGB\_Ant1\_2405



ZIGB\_Ant1\_2440



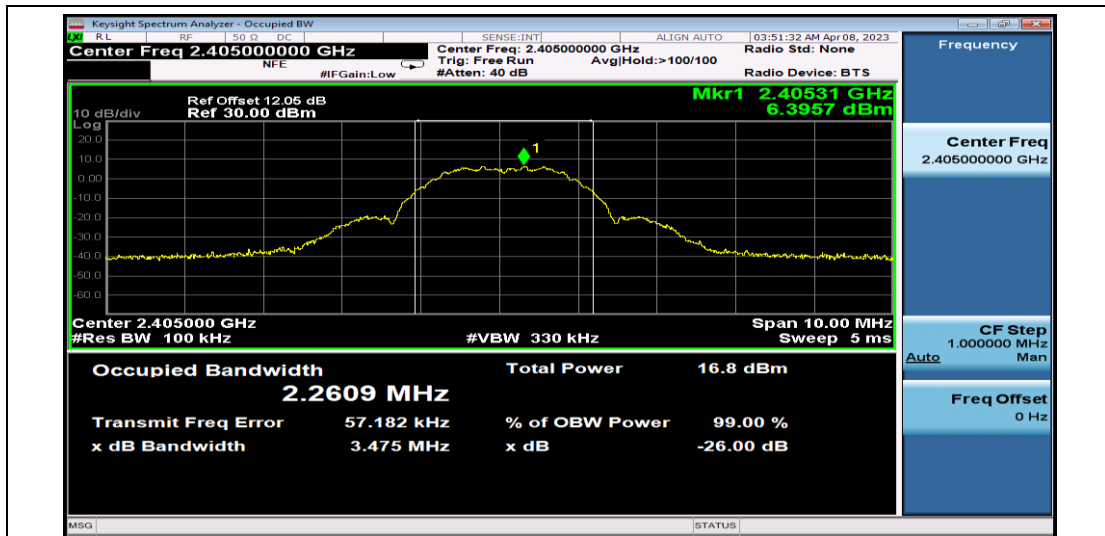
ZIGB\_Ant1\_2480

## Appendix B: Occupied Channel Bandwidth

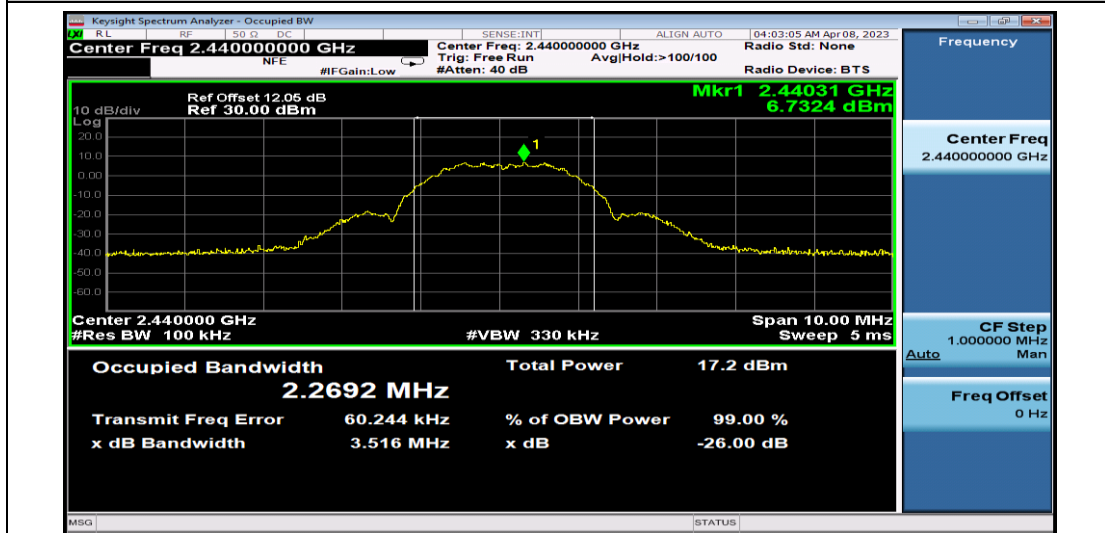
### Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
ZIGB	Ant1	2405	2.2634	2403.926	2406.189	---	---
		2440	2.2708	2438.926	2441.196	---	---
		2480	2.2694	2478.925	2481.194	---	---

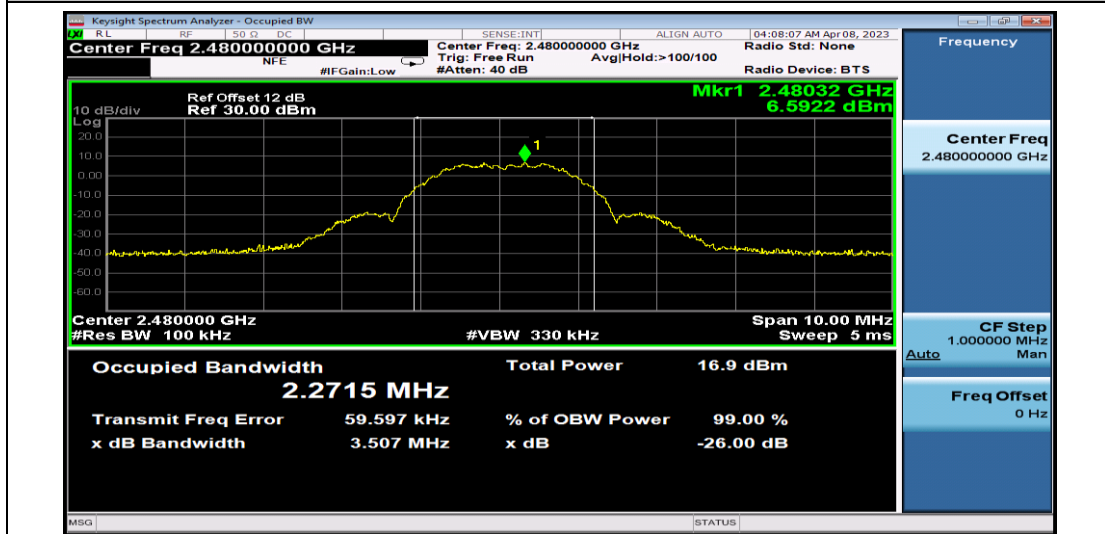
### Test Graphs



ZIGB\_Ant1\_2405



ZIGB\_Ant1\_2440



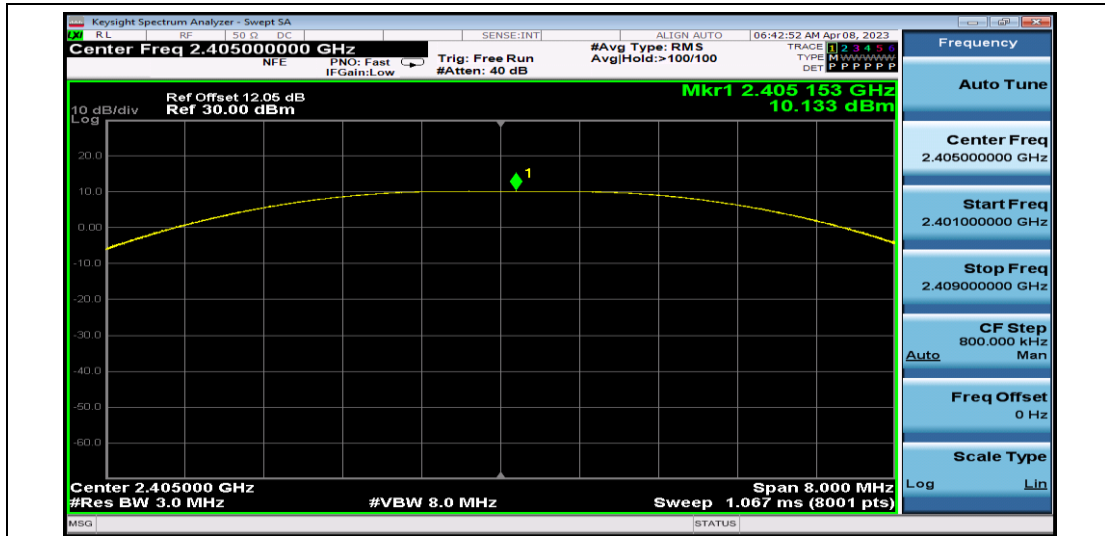
ZIGB\_Ant1\_2480

## Appendix C: Maximum conducted output power

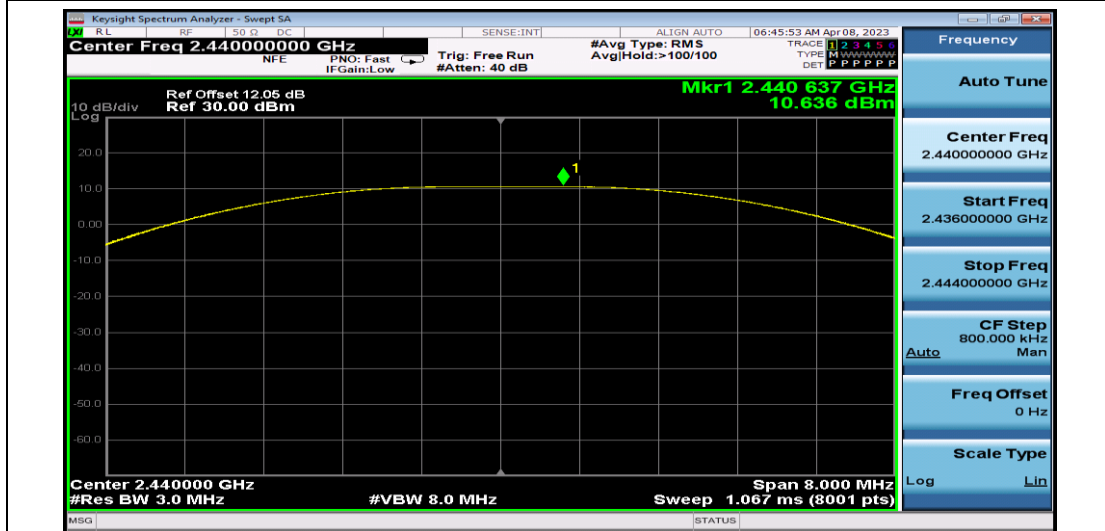
### Test Result

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
ZIGBEE	Ant1	2405	10.13	≤30	12.13	≤36	PASS
		2440	10.64	≤30	12.64	≤36	PASS
		2480	10.37	≤30	12.37	≤36	PASS

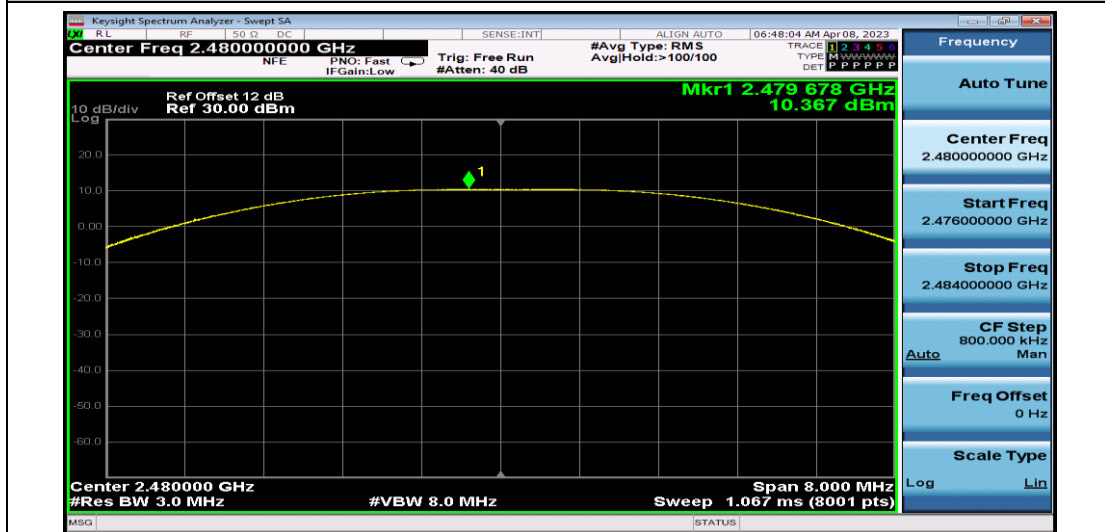
### Test Graphs



ZIGB\_Ant1\_2405



ZIGB\_Ant1\_2440



ZIGB\_Ant1\_2480

## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
ZIGB	Ant1	2405	-5.52	≤8.00	PASS
		2440	-4.86	≤8.00	PASS
		2480	-5.78	≤8.00	PASS

### Test Graphs



ZIGB\_Ant1\_2405



ZIGB\_Ant1\_2440



ZIGB\_Ant1\_2480

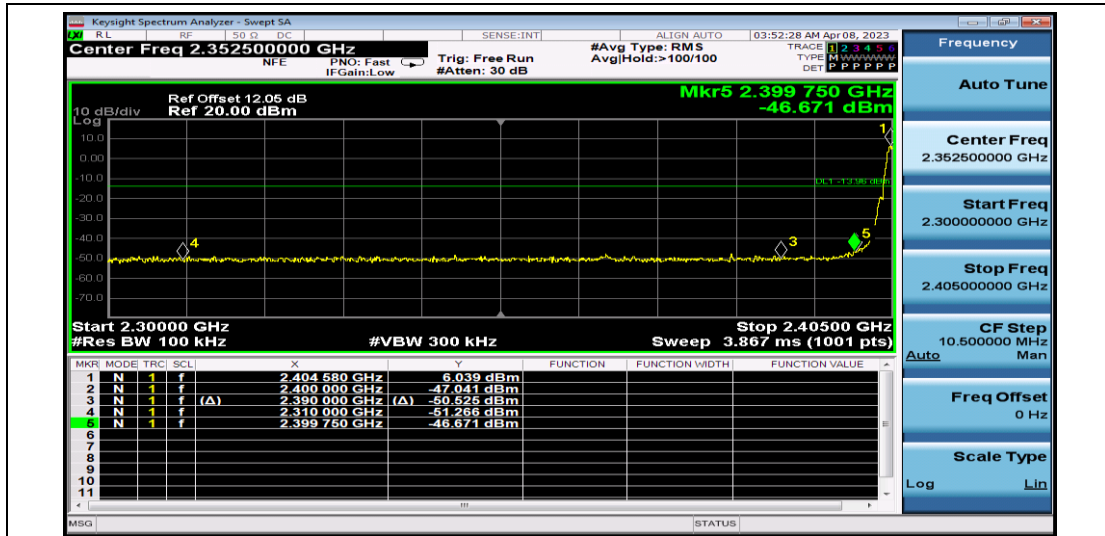


## Appendix E: Band edge measurements

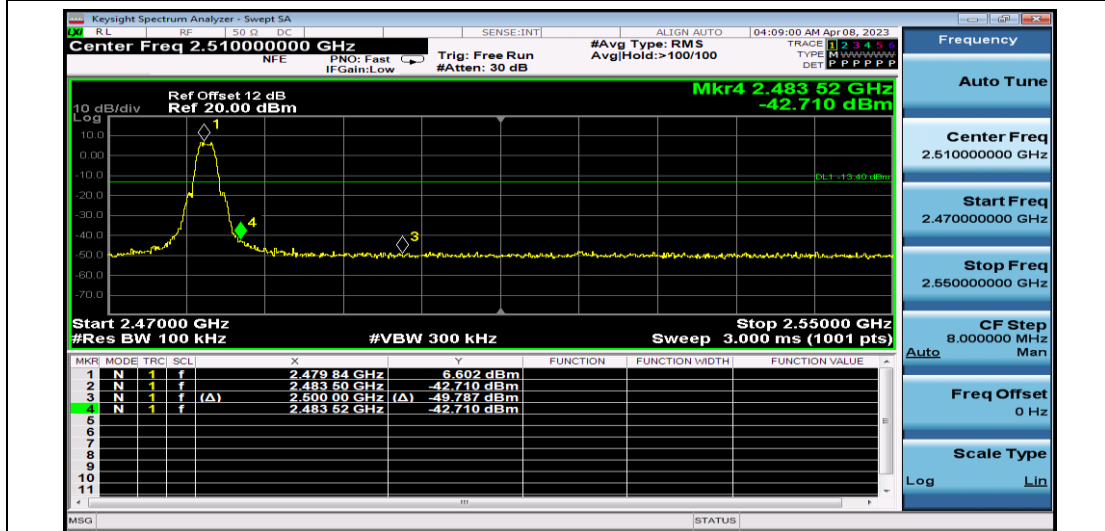
### Test Result

TestMode	Antenna	Channel	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
ZIGB	Ant1	Low	2405	6.04	-46.67	≤-13.96	PASS
		High	2480	6.60	-42.71	≤-13.4	PASS

### Test Graphs



ZIGB\_Ant1\_Low\_2405



ZIGB\_Ant1\_High\_2480

## Appendix F: Conducted Spurious Emission

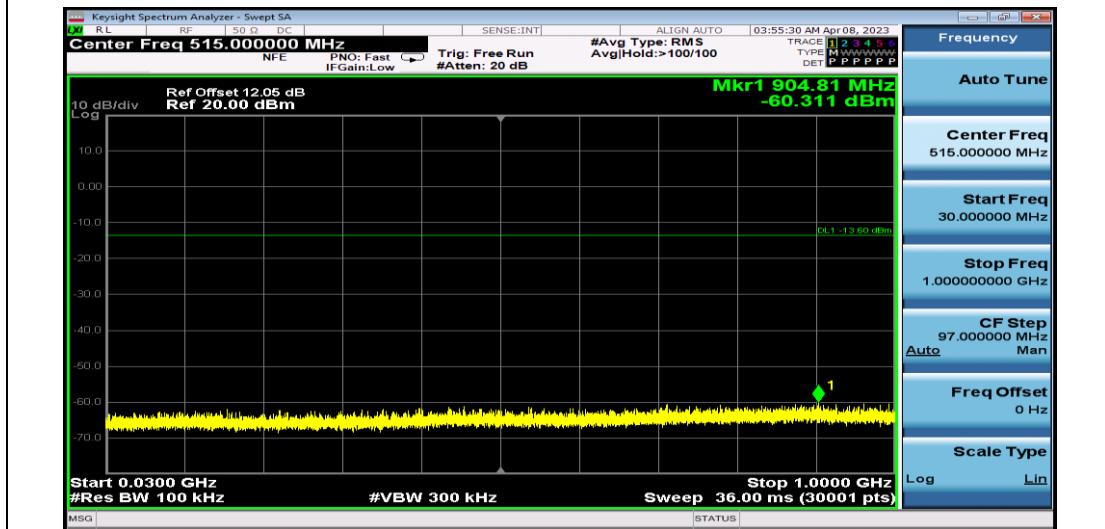
### Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
ZIGB	Ant1	2405	Reference	6.40	6.40	---	PASS
			30~1000	6.40	-60.31	≤-13.6	PASS
			1000~26500	6.40	-37.16	≤-13.6	PASS
		2440	Reference	6.58	6.58	---	PASS
			30~1000	6.58	-59.98	≤-13.42	PASS
			1000~26500	6.58	-41.49	≤-13.42	PASS
		2480	Reference	6.27	6.27	---	PASS
			30~1000	6.27	-59.46	≤-13.73	PASS
			1000~26500	6.27	-44.29	≤-13.73	PASS

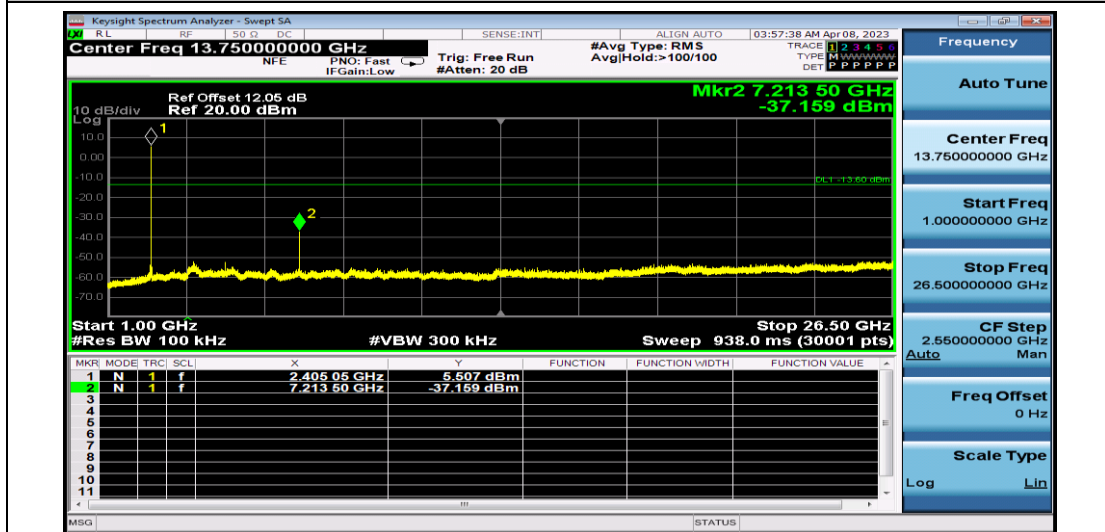
### Test Graphs



ZIGB\_Ant1\_2405\_0~Reference



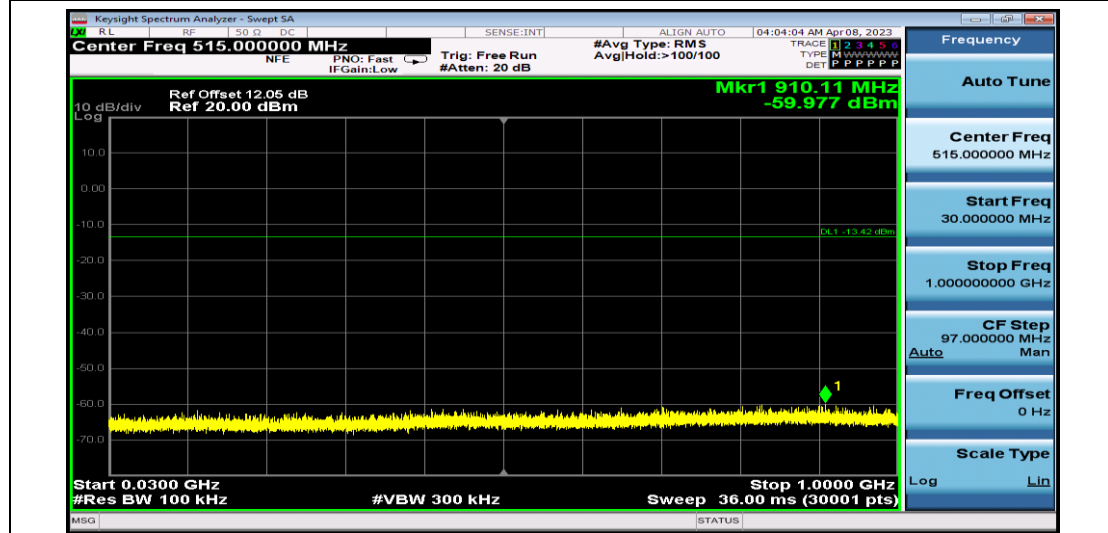
ZIGB\_Ant1\_2405\_30~1000



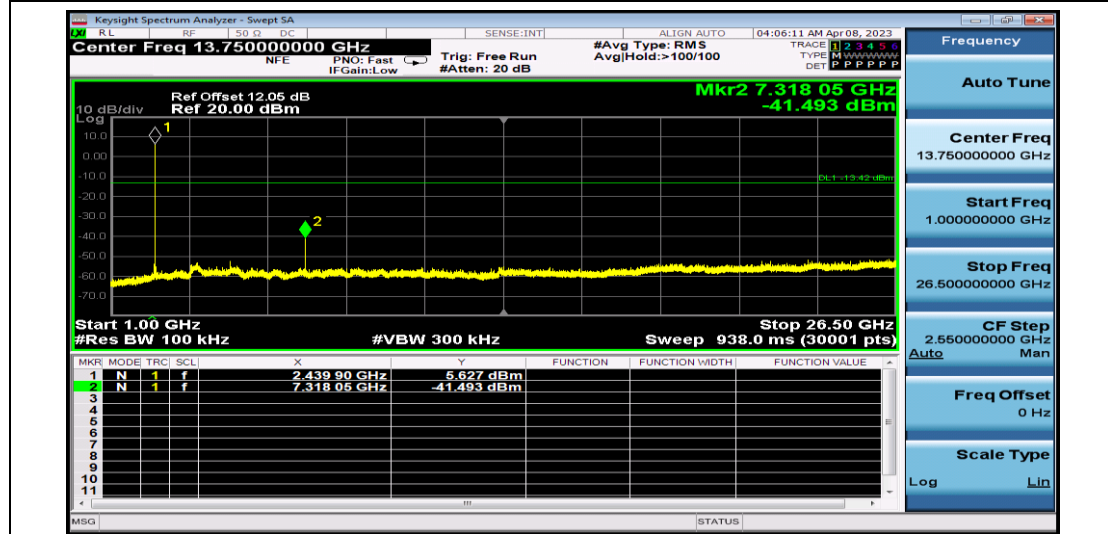
ZIGB\_Ant1\_2405\_1000~26500



ZIGB\_Ant1\_2440\_0~Reference



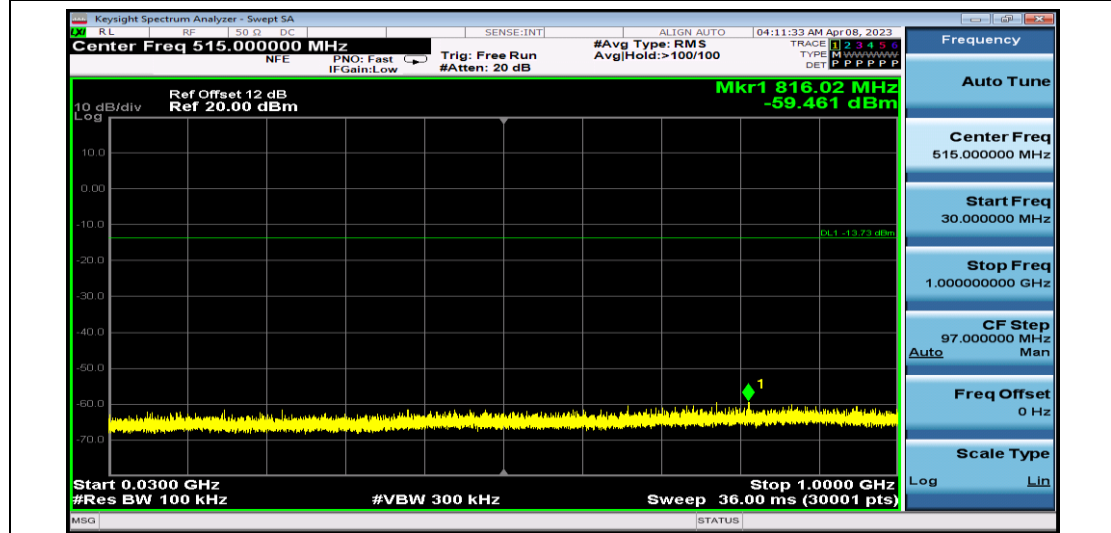
ZIGB\_Ant1\_2440\_30~1000



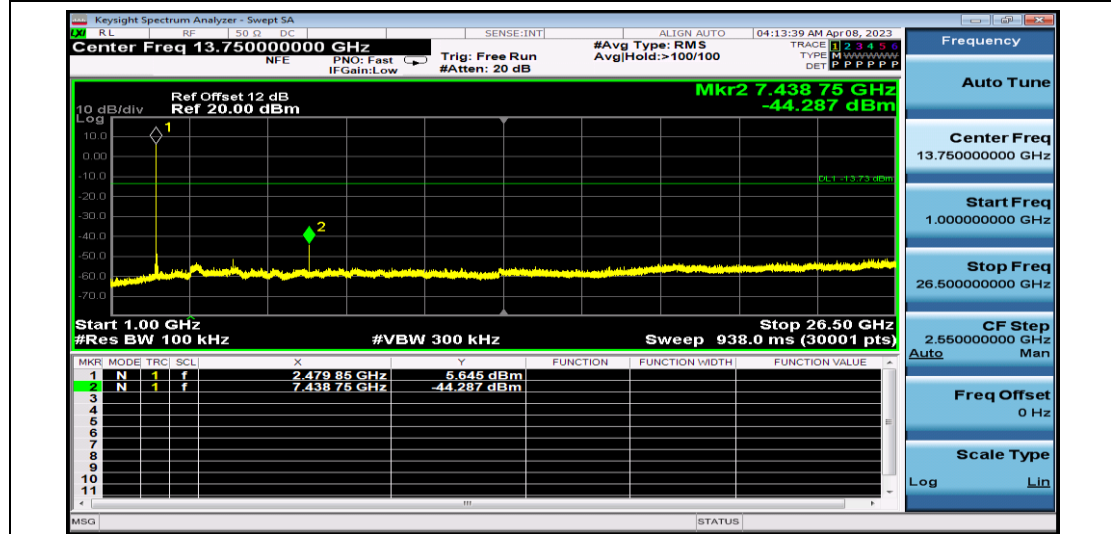
ZIGB\_Ant1\_2440\_1000~26500



ZIGB\_Ant1\_2480\_0~Reference



ZIGB\_Ant1\_2480\_30~1000



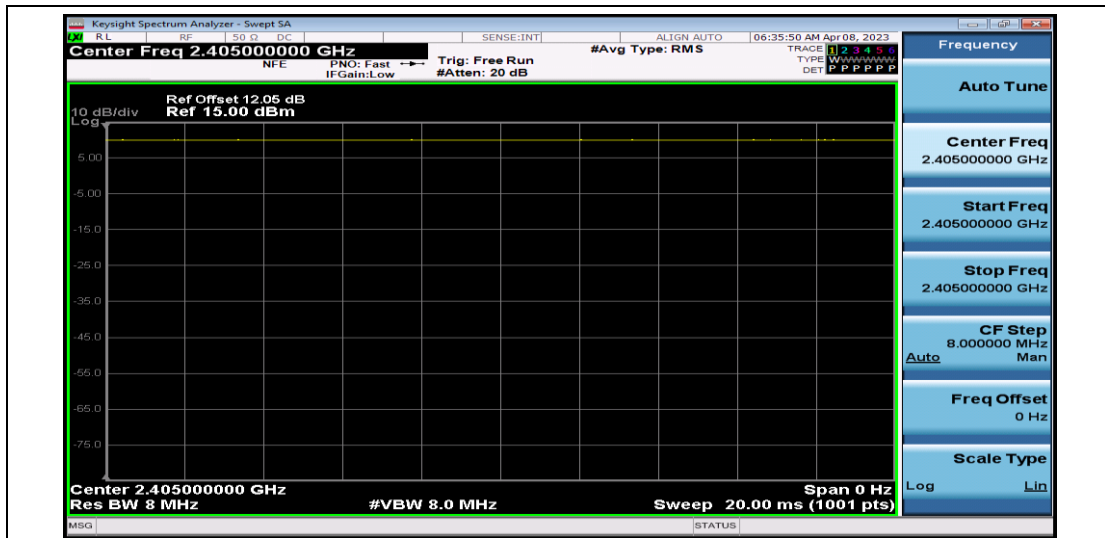
ZIGB\_Ant1\_2480\_1000~26500

## Appendix G: Duty Cycle

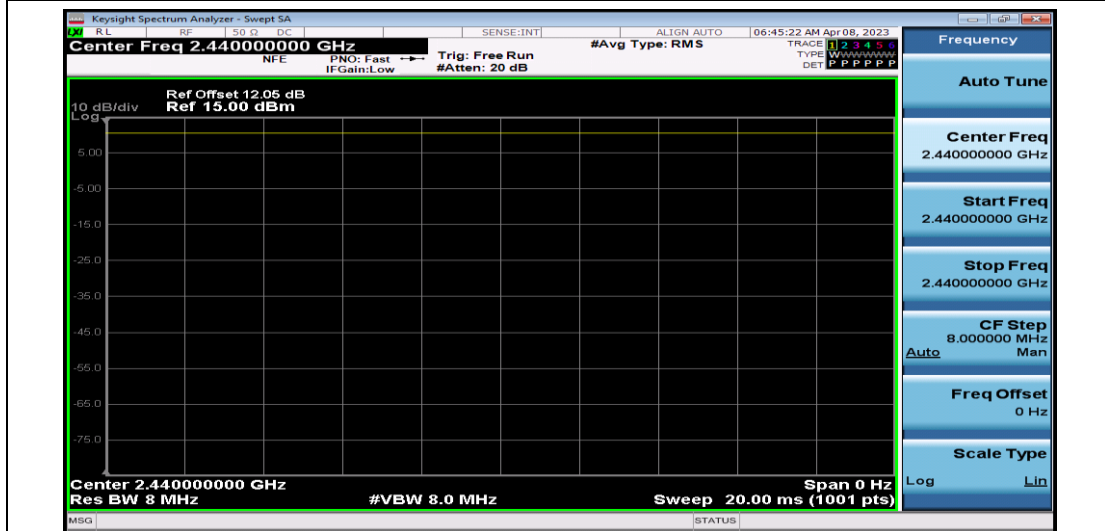
### Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
ZIGB	Ant1	2405	0.00	0.00	100	---	---
		2440	0.00	0.00	100	---	---
		2480	0.00	0.00	100	---	---

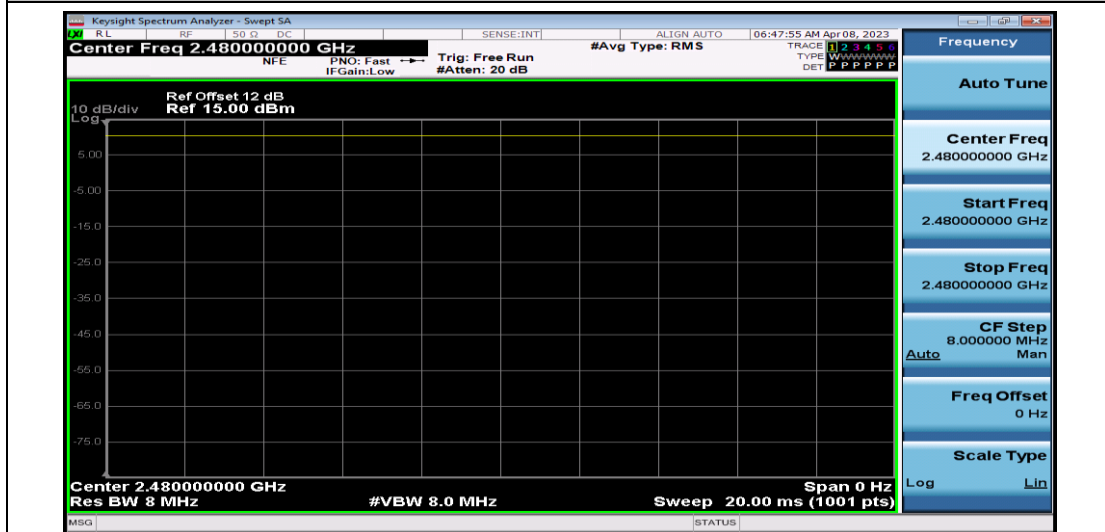
## Test Graphs



ZIGB\_Ant1\_2405



ZIGB\_Ant1\_2440



ZIGB\_Ant1\_2480



FCC ID: DWNIZYMO-MOTOR  
IC: 12049A-IZYMOMOT

