

## Appendix Test Data for SRD (Conducted Measurement)

Product Name: K61 Mechanical keyboard

Trade Mark: DUSTSILVER

Test Model: K61

FCC ID: 2A7D6-K61

### Environmental Conditions

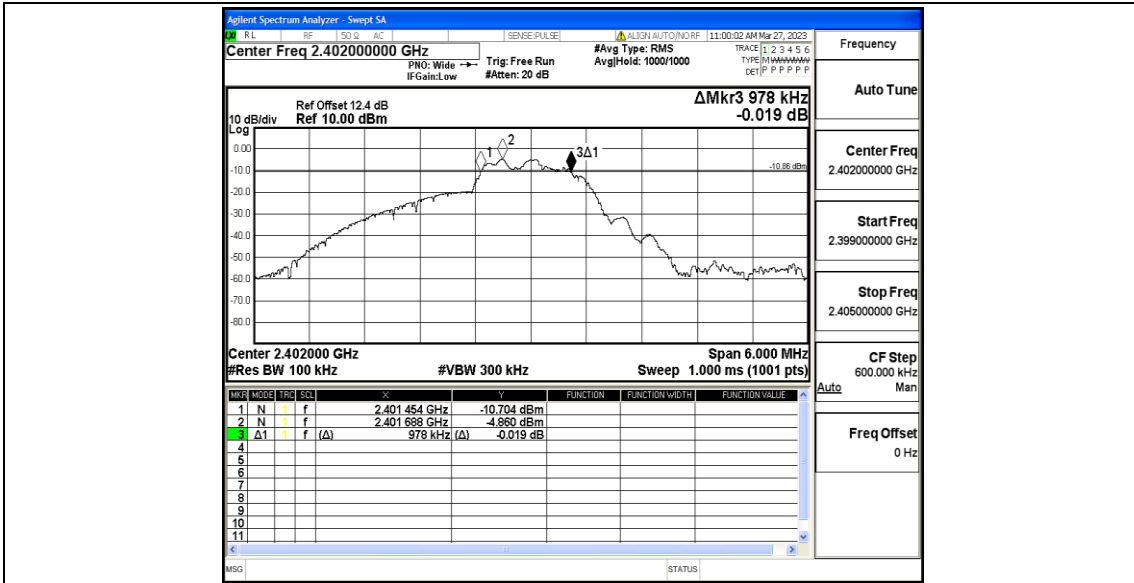
Temperature:	22.7°C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

## Appendix A: DTS Bandwidth

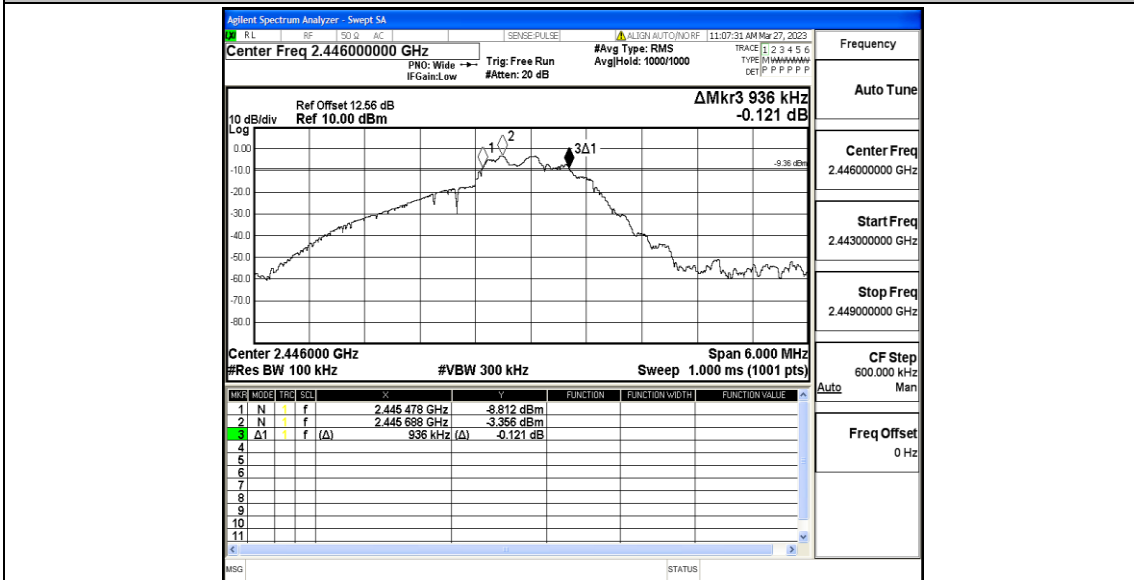
### Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	0.978	2401.454	2402.432	0.5	PASS
		2446	0.936	2445.478	2446.414	0.5	PASS
		2479	0.948	2478.484	2479.432	0.5	PASS

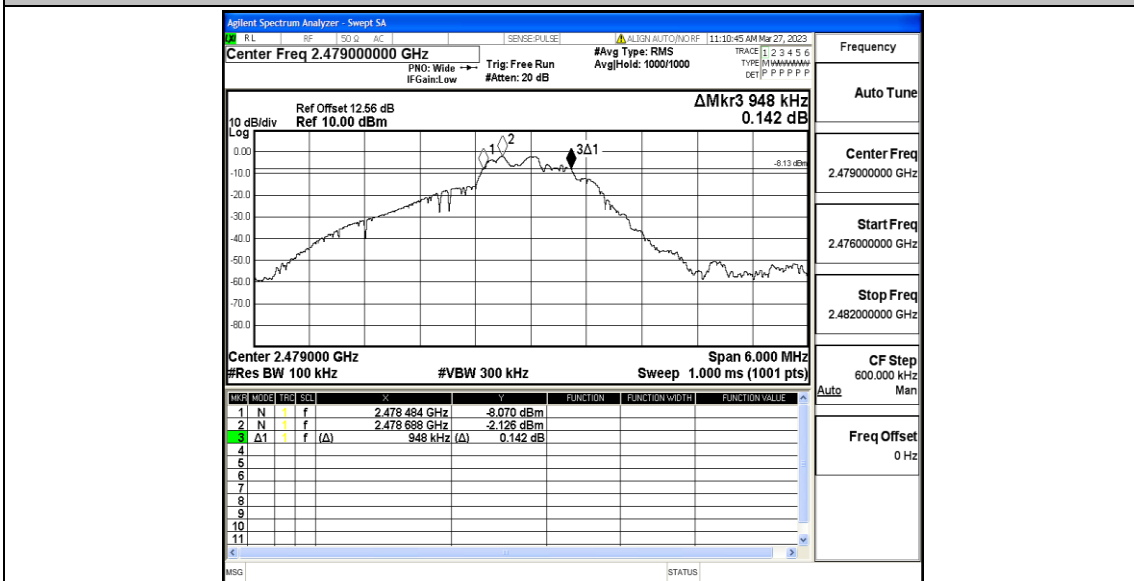
Test Graphs



SRD\_Ant1\_2402



SRD\_Ant1\_2446



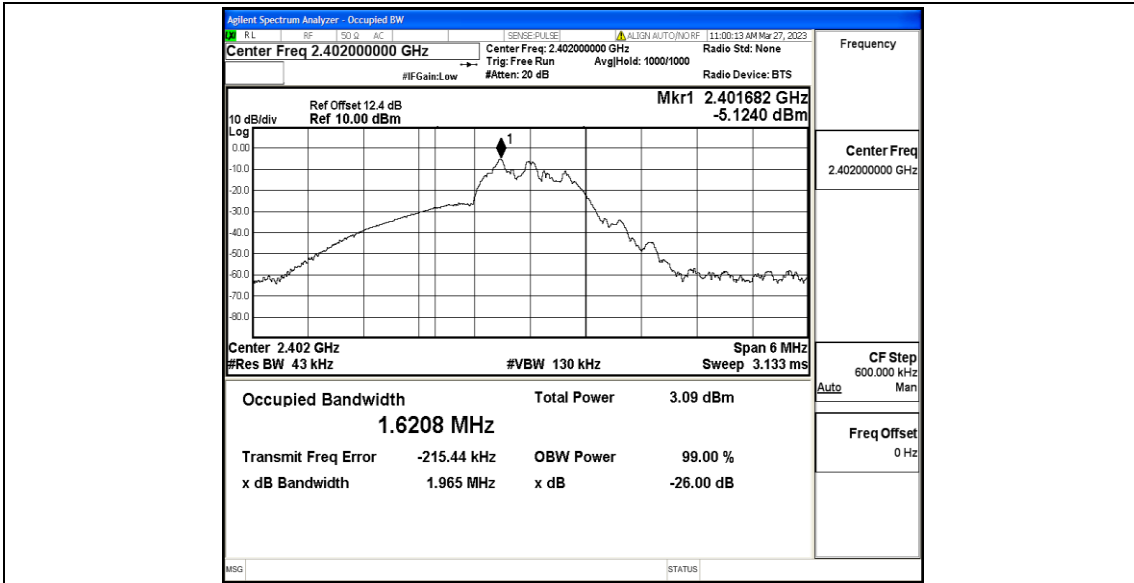
SRD\_Ant1\_2479

## Appendix B: Occupied Channel Bandwidth

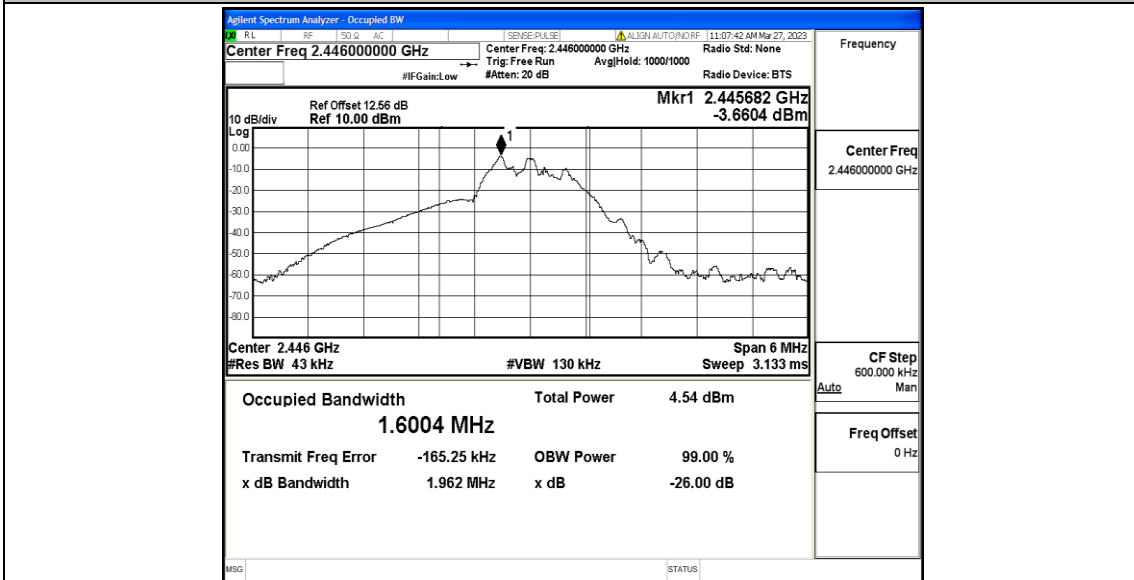
### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	1.6208	2400.9742	2402.5950	---	---
		2446	1.6004	2445.0346	2446.6350	---	---
		2479	1.5882	2478.0665	2479.6547	---	---

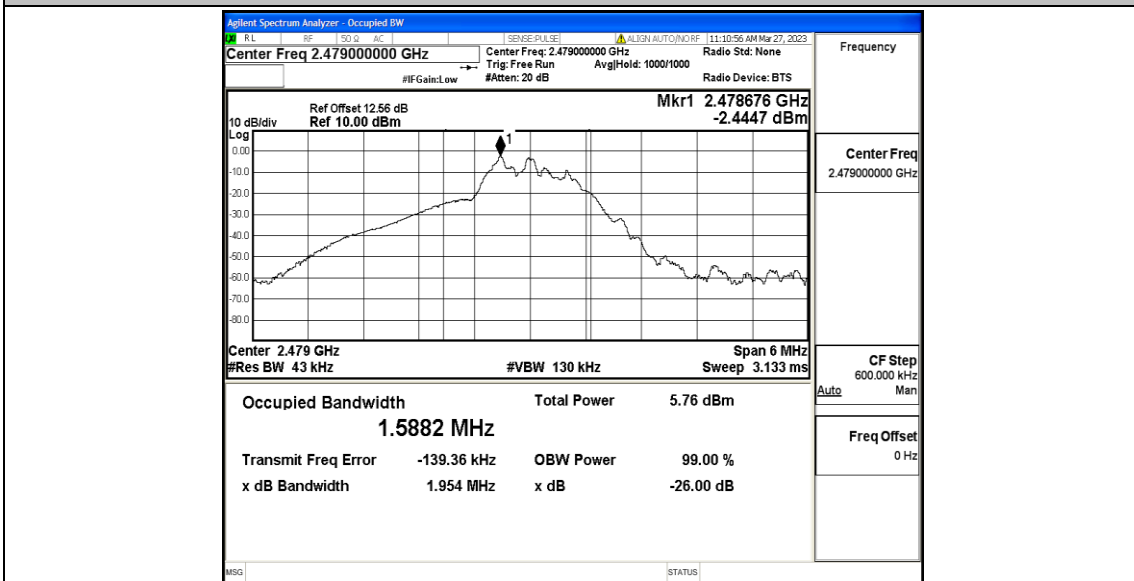
Test Graphs



SRD\_Ant1\_2402



SRD\_Ant1\_2446



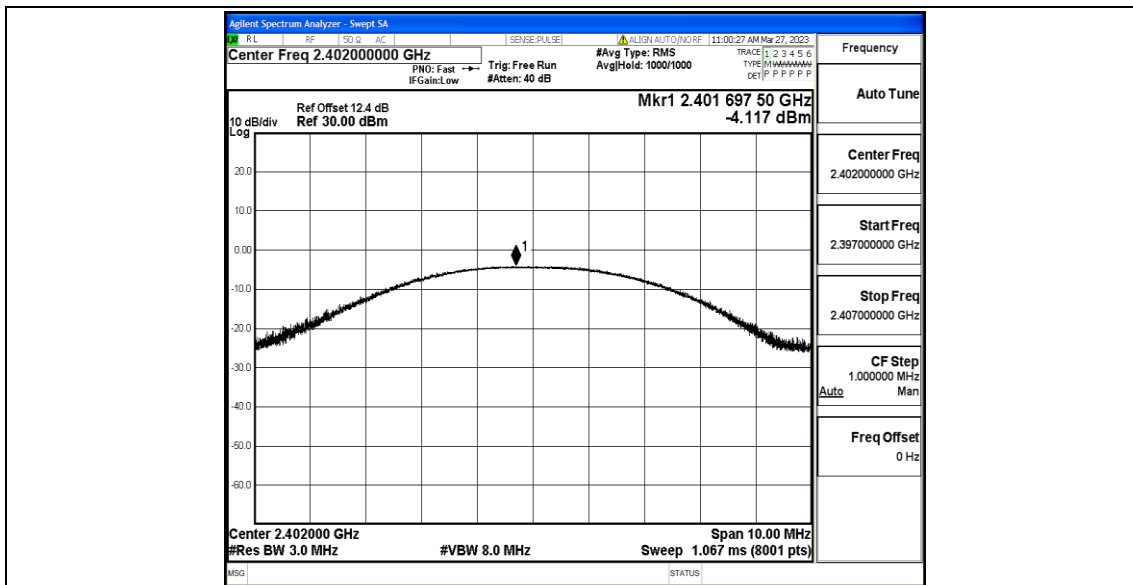
SRD\_Ant1\_2479

## Appendix C: Maximum conducted output power

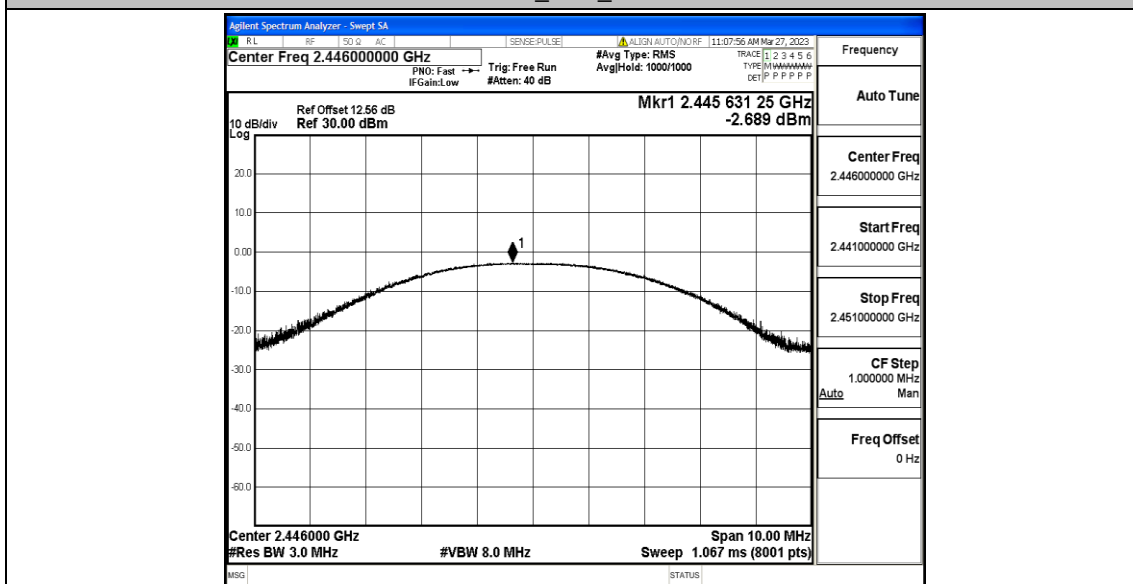
### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	-4.12	≤30	PASS
		2446	-2.69	≤30	PASS
		2479	-1.46	≤30	PASS

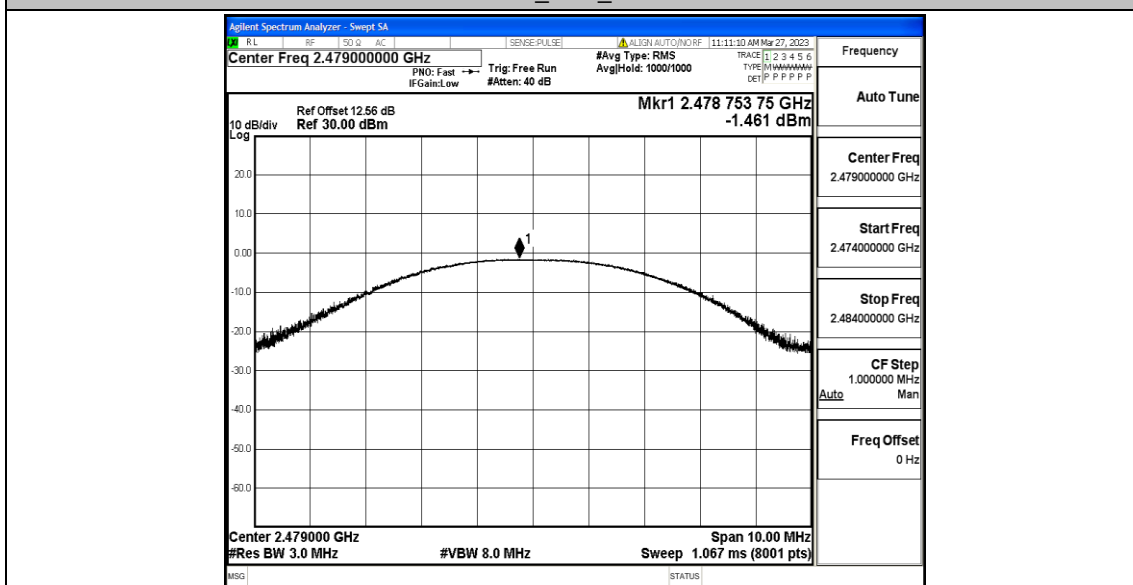
Test Graphs



SRD\_Ant1\_2402



SRD\_Ant1\_2446



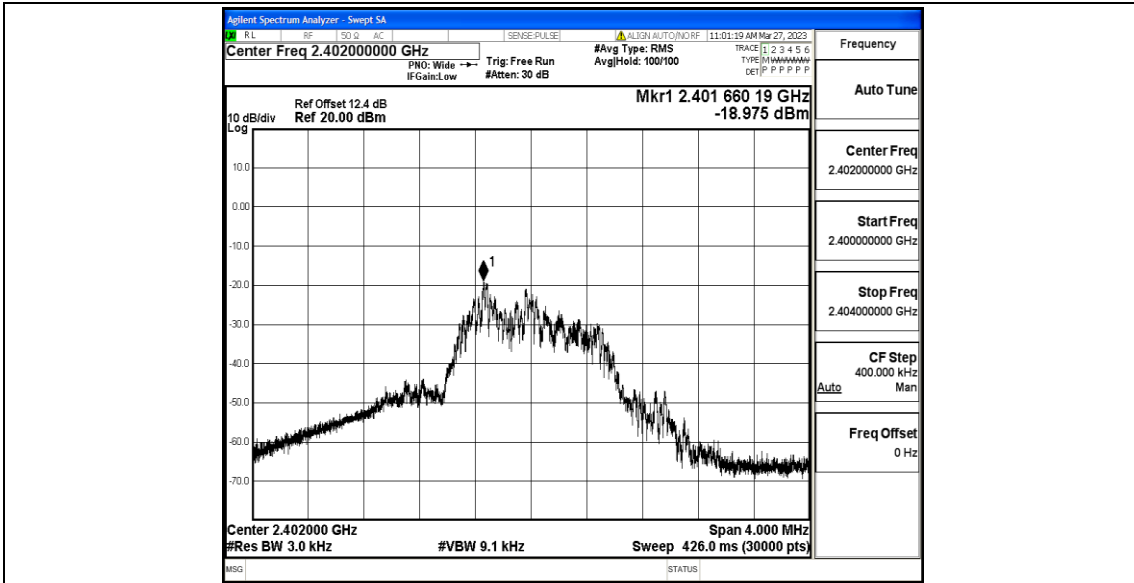
SRD\_Ant1\_2479

## Appendix D: Maximum power spectral density

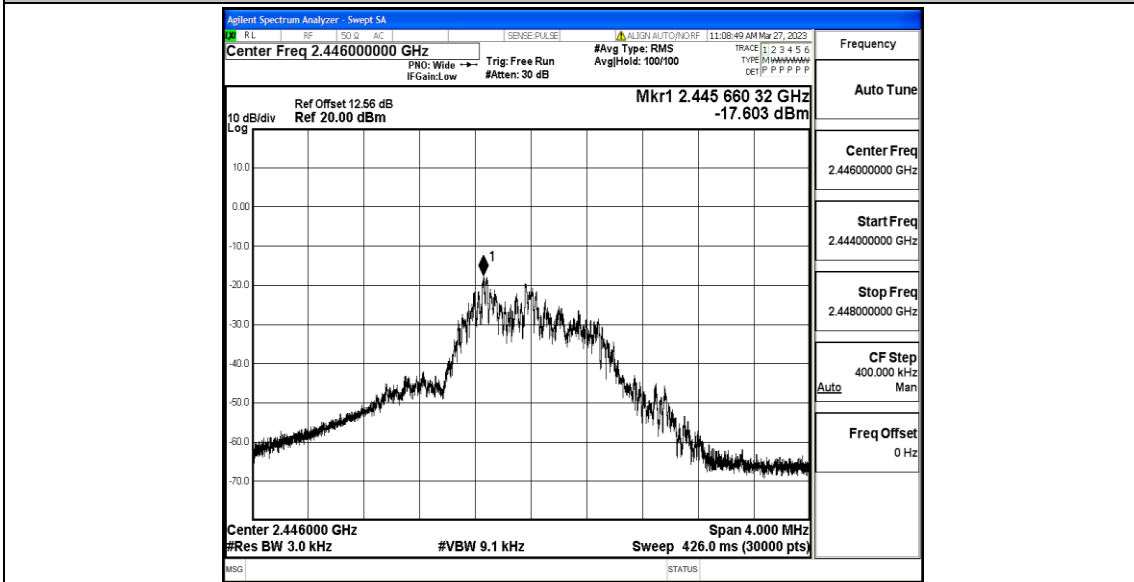
### Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2402	-18.98	≤8.00	PASS
		2446	-17.6	≤8.00	PASS
		2479	-16.4	≤8.00	PASS

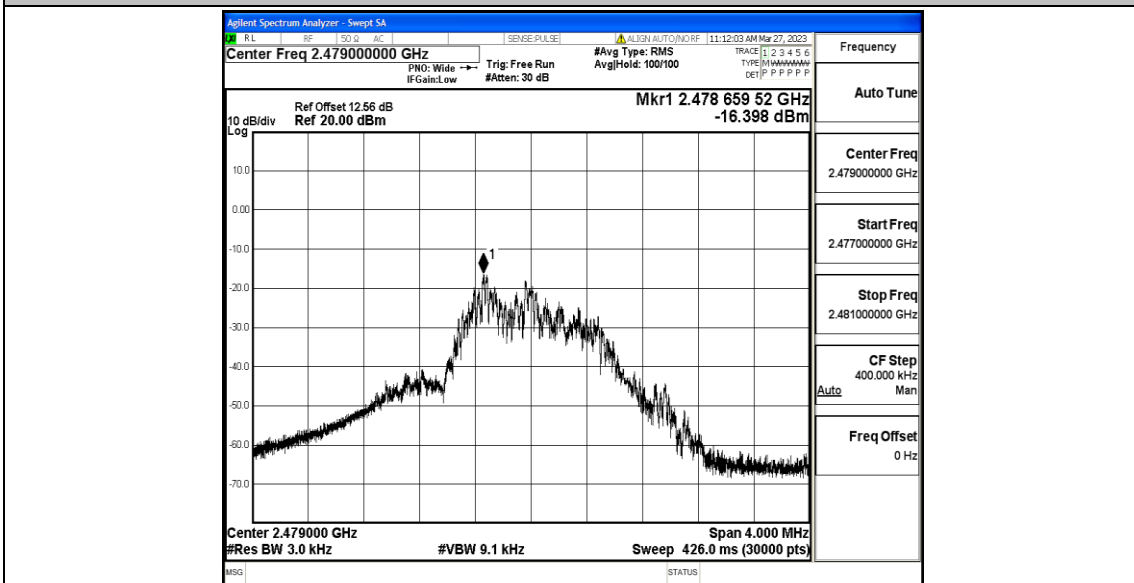
### Test Graphs



SRD\_Ant1\_2402



SRD\_Ant1\_2446



SRD\_Ant1\_2479

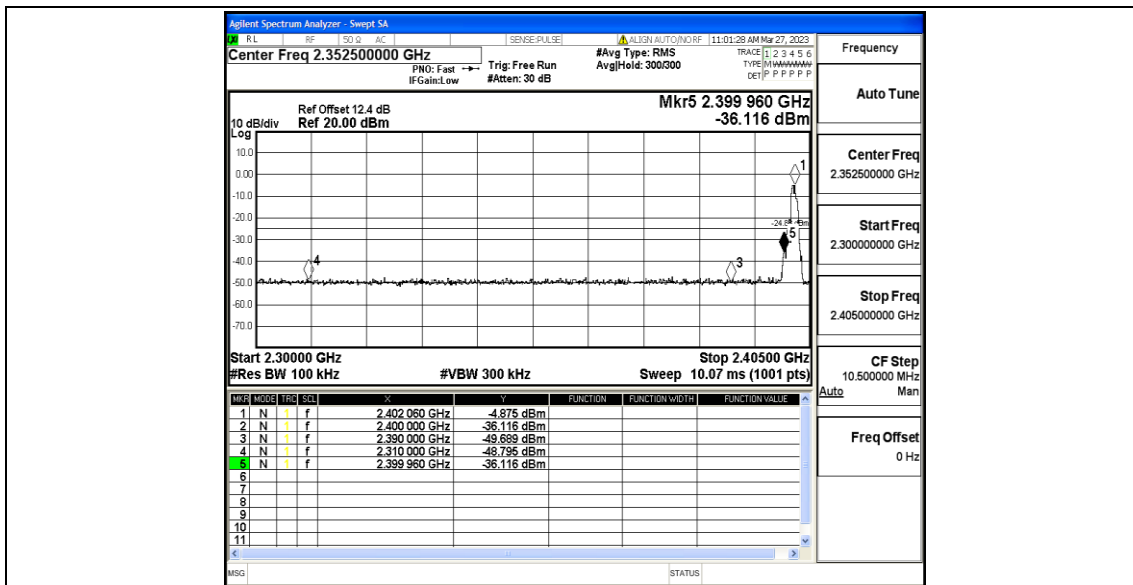


## Appendix E: Band edge measurements

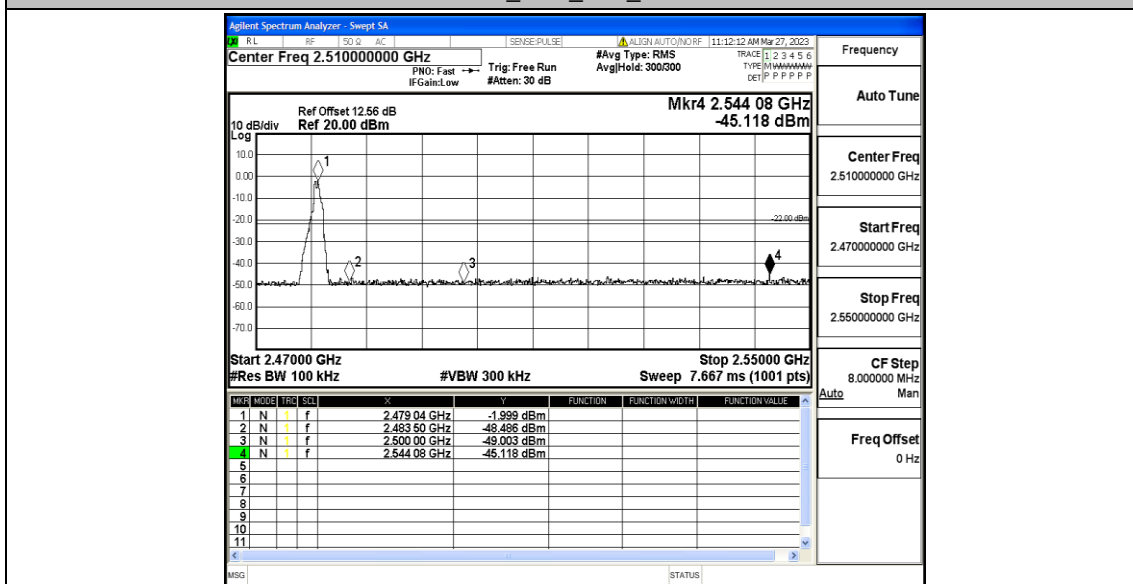
### Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2402	-4.88	-36.12	≤-24.88	PASS
		High	2479	-2.00	-45.12	≤-22	PASS

### Test Graphs



SRD\_Ant1\_Low\_2402



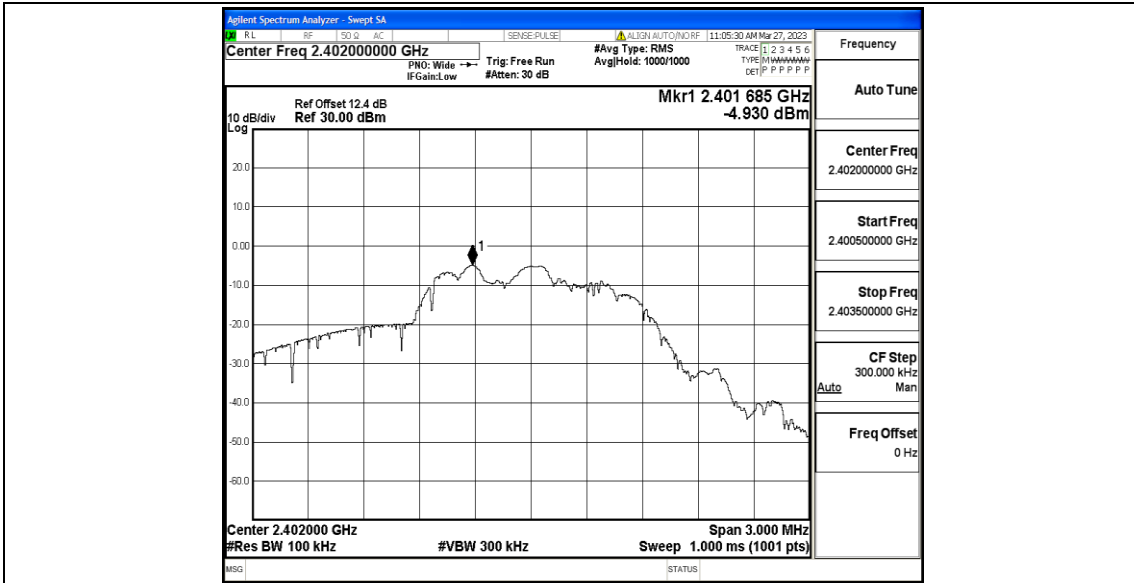
SRD\_Ant1\_High\_2479

## Appendix F: Conducted Spurious Emission

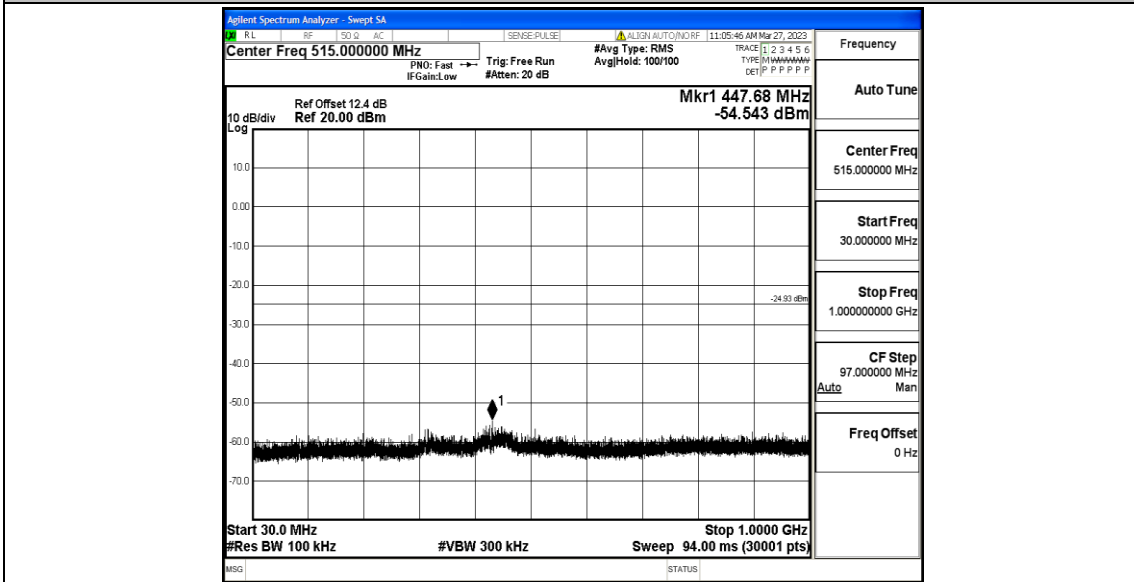
### Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	Reference	-4.93	-4.93	---	PASS
			30~1000	-4.93	-54.54	≤-24.93	PASS
			1000~26500	-4.93	-44.7	≤-24.93	PASS
		2446	Reference	-3.41	-3.41	---	PASS
			30~1000	-3.41	-54.33	≤-23.41	PASS
			1000~26500	-3.41	-47.11	≤-23.41	PASS
		2479	Reference	-2.14	-2.14	---	PASS
			30~1000	-2.14	-54.52	≤-22.14	PASS
			1000~26500	-2.14	-47.39	≤-22.14	PASS

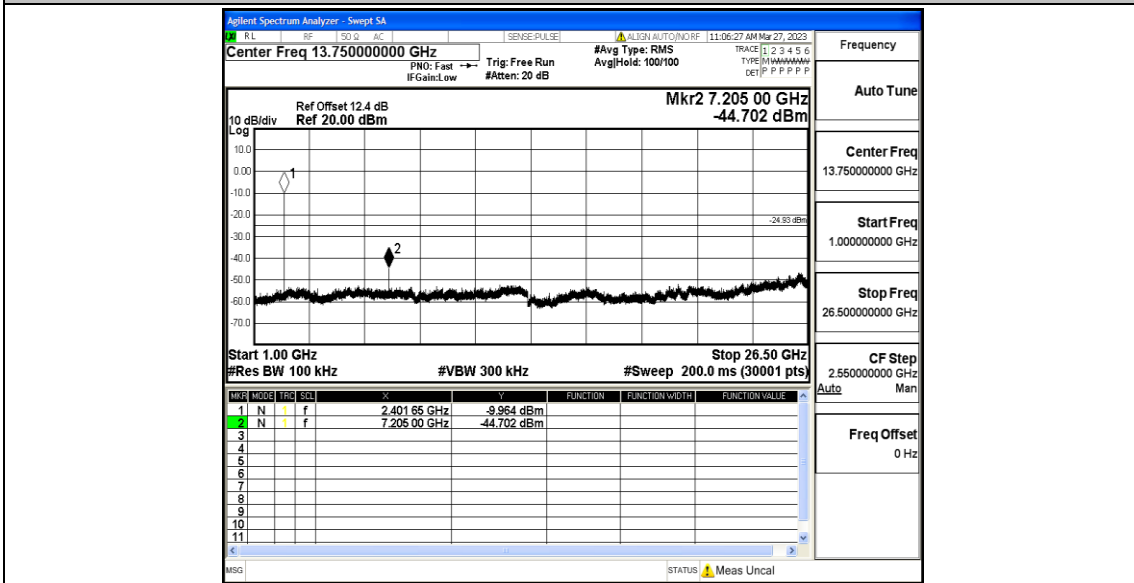
Test Graphs



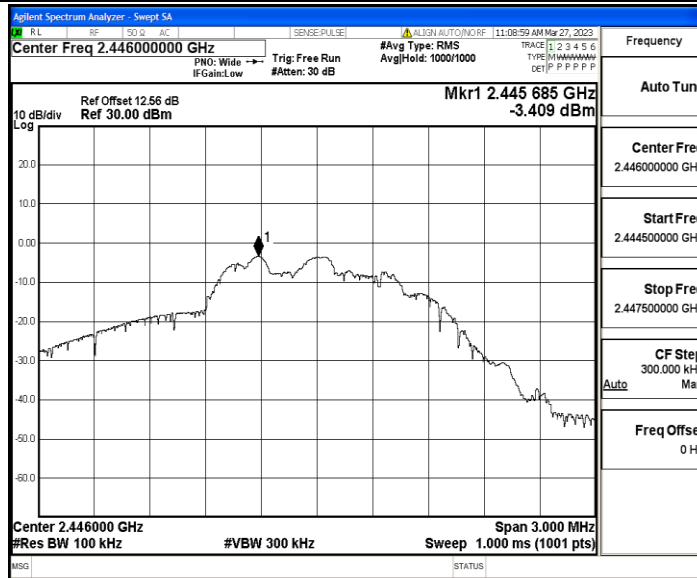
SRD\_Ant1\_2402\_0~Reference



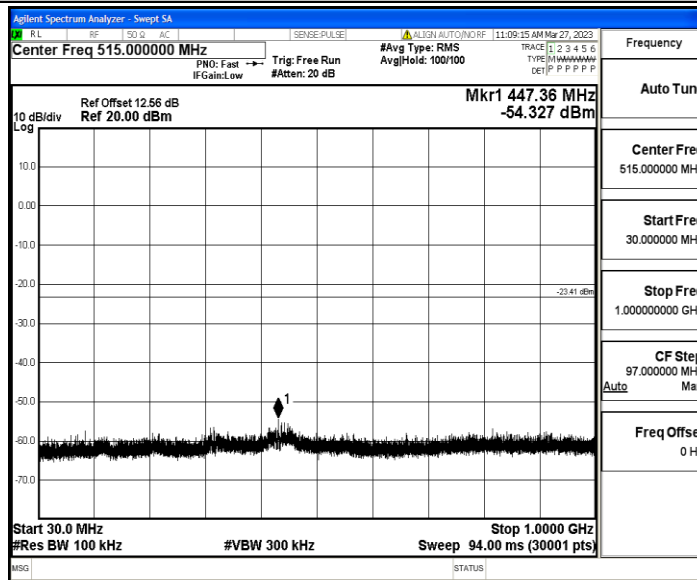
SRD\_Ant1\_2402\_30~1000



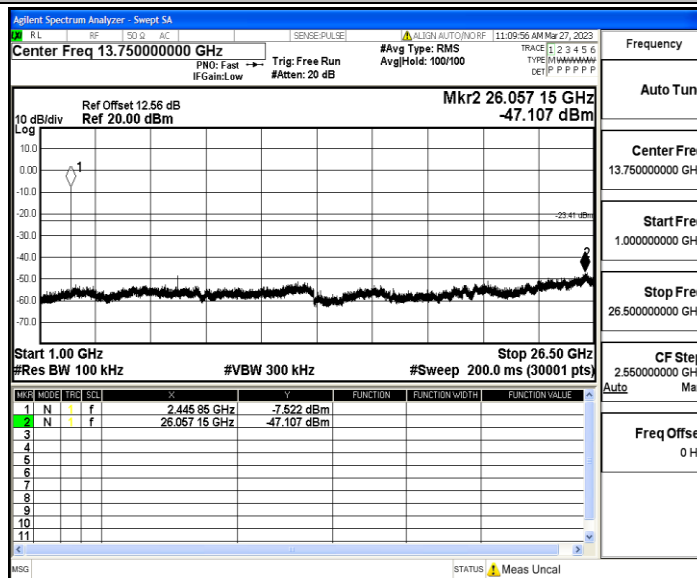
SRD\_Ant1\_2402\_1000~26500



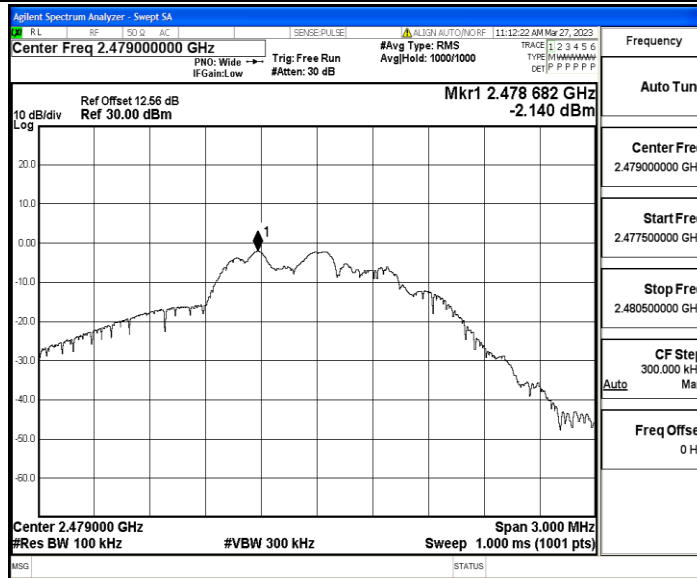
SRD\_Ant1\_2446\_0~Reference



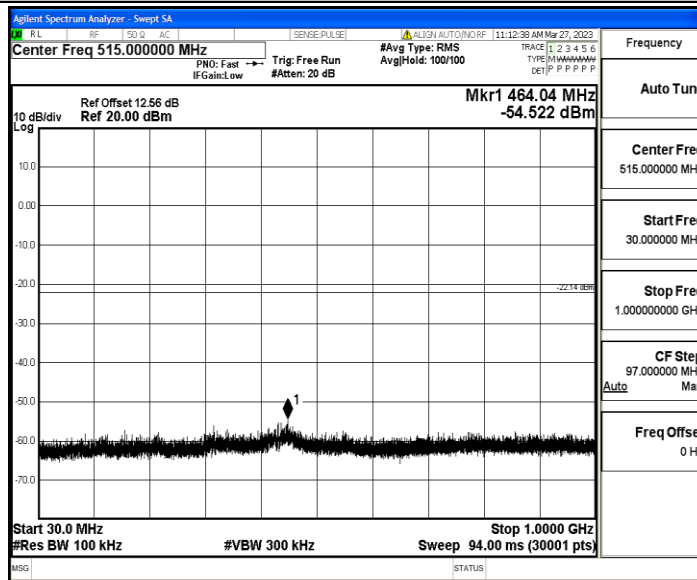
SRD\_Ant1\_2446\_30~1000



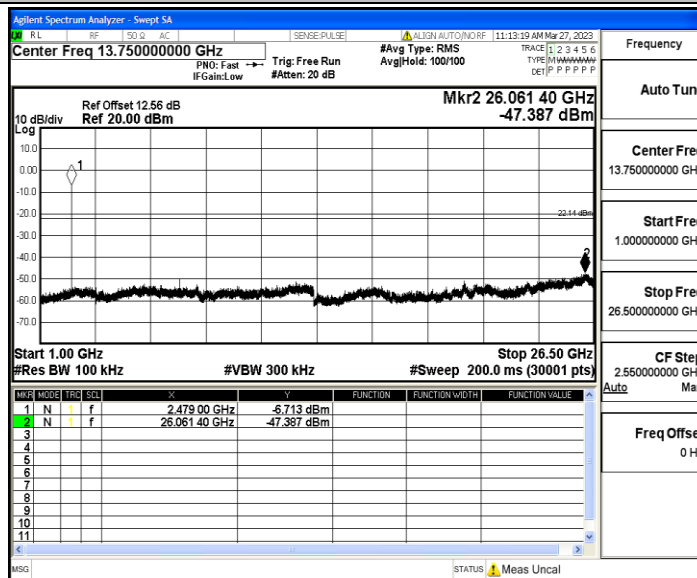
SRD\_Ant1\_2446\_1000~26500



SRD\_Ant1\_2479\_0~Reference



SRD\_Ant1\_2479\_30~1000



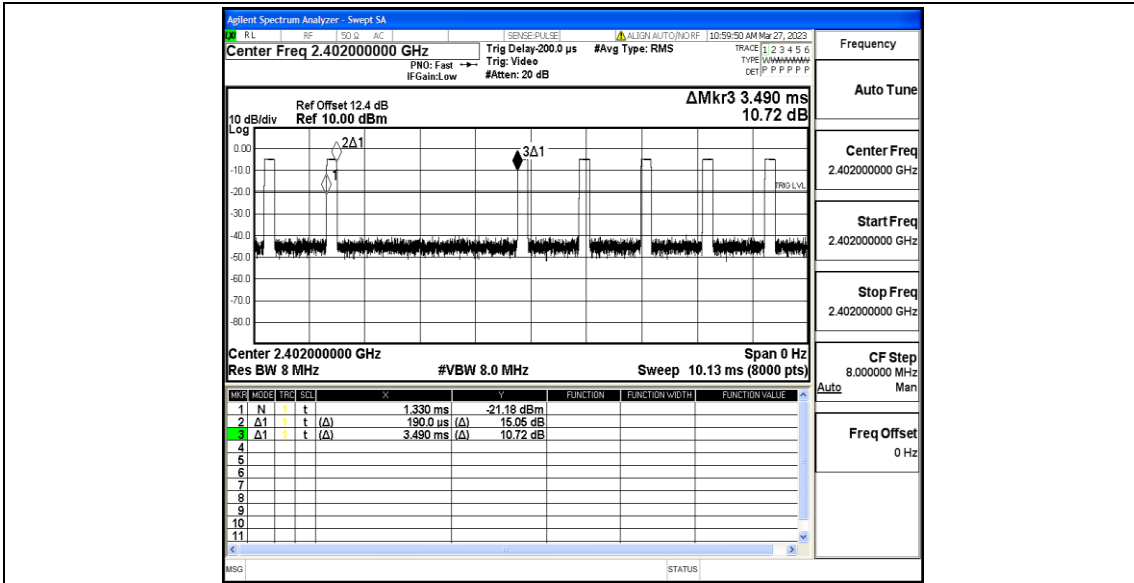
SRD\_Ant1\_2479\_1000~26500

## Appendix G: Duty Cycle

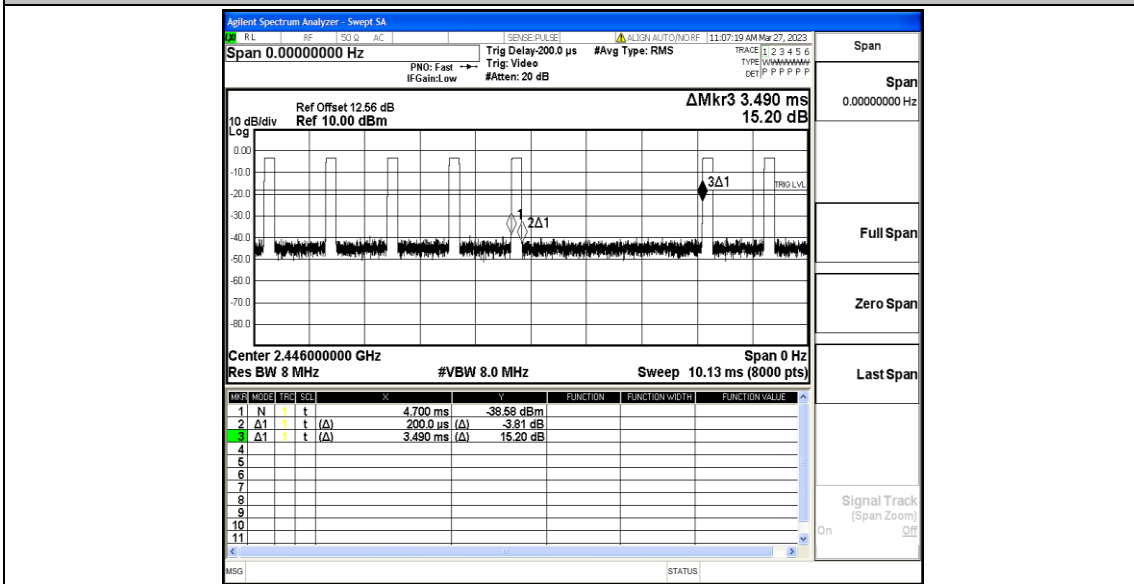
### Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	1/T [kHz]
SRD	Ant1	2402	0.19	3.49	5.26
		2446	0.20	3.49	5.00
		2479	0.20	3.49	5.00

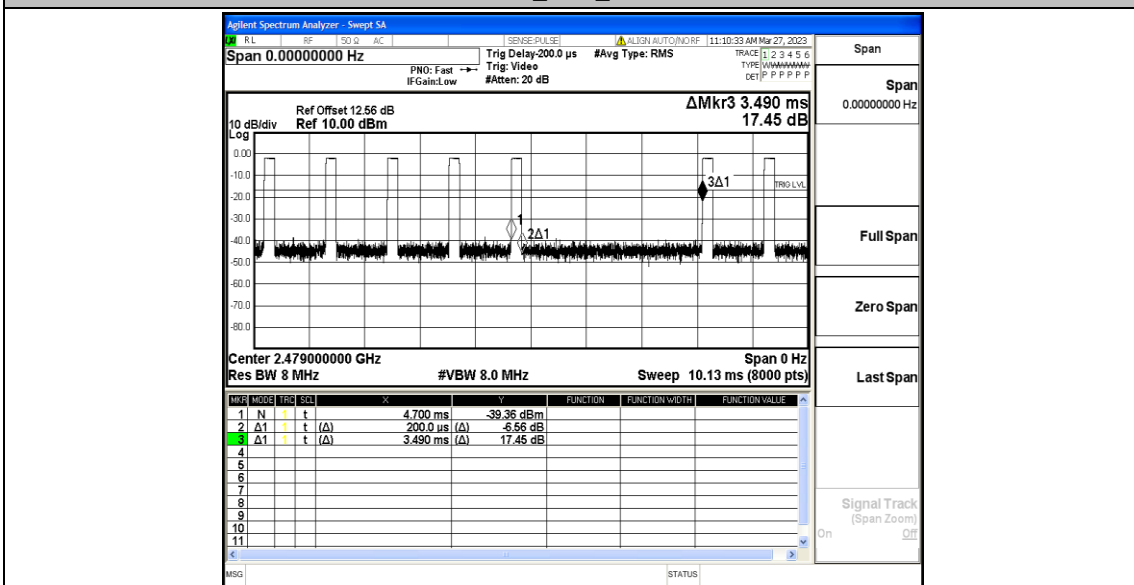
### Test Graphs



SRD\_Ant1\_2402



SRD\_Ant1\_2446



SRD\_Ant1\_2479