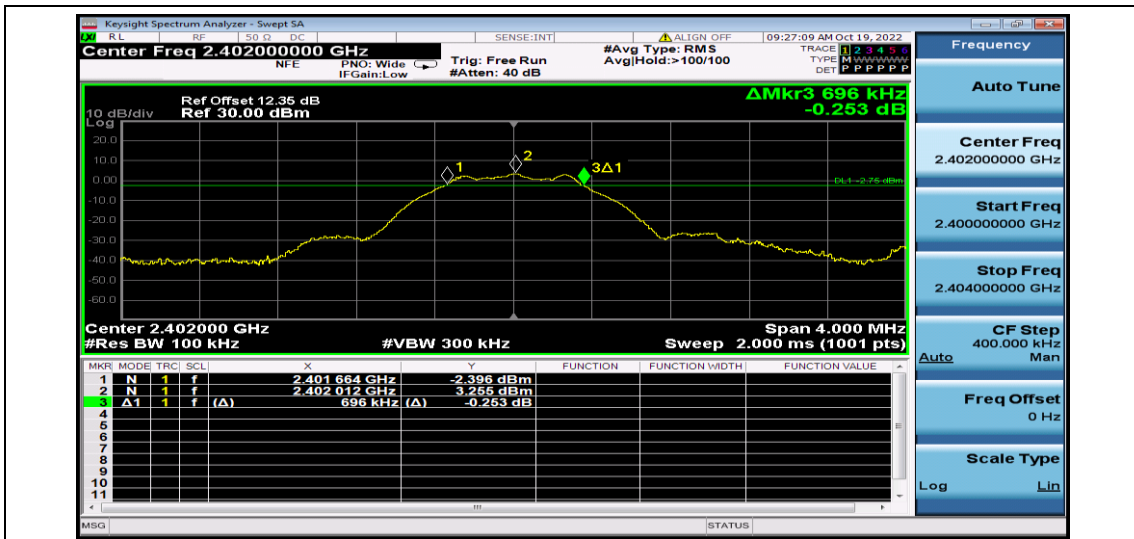


## Appendix A: DTS Bandwidth

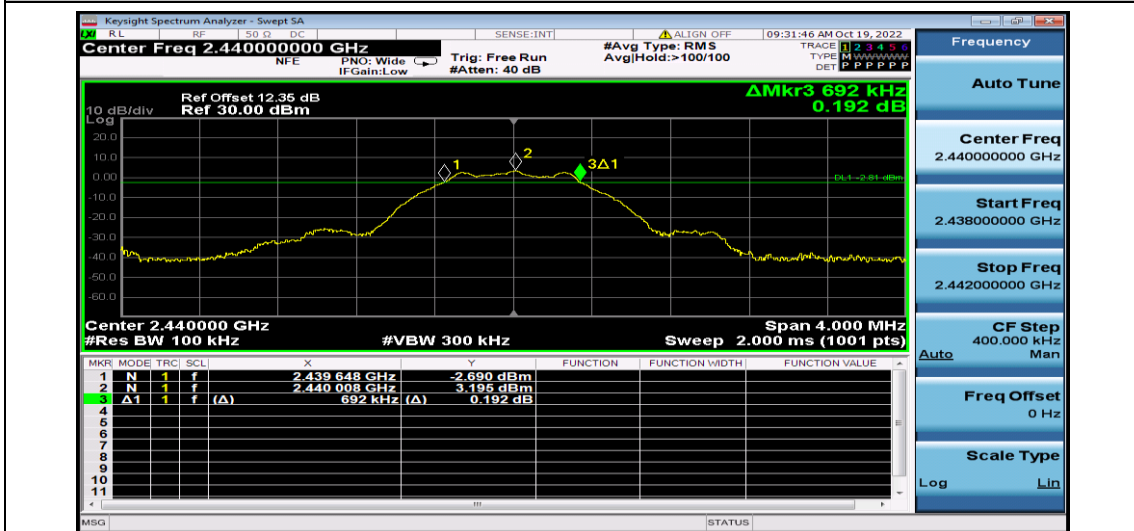
### Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.696	2401.664	2402.360	0.5	PASS
		2440	0.692	2439.648	2440.340	0.5	PASS
		2480	0.712	2479.636	2480.348	0.5	PASS

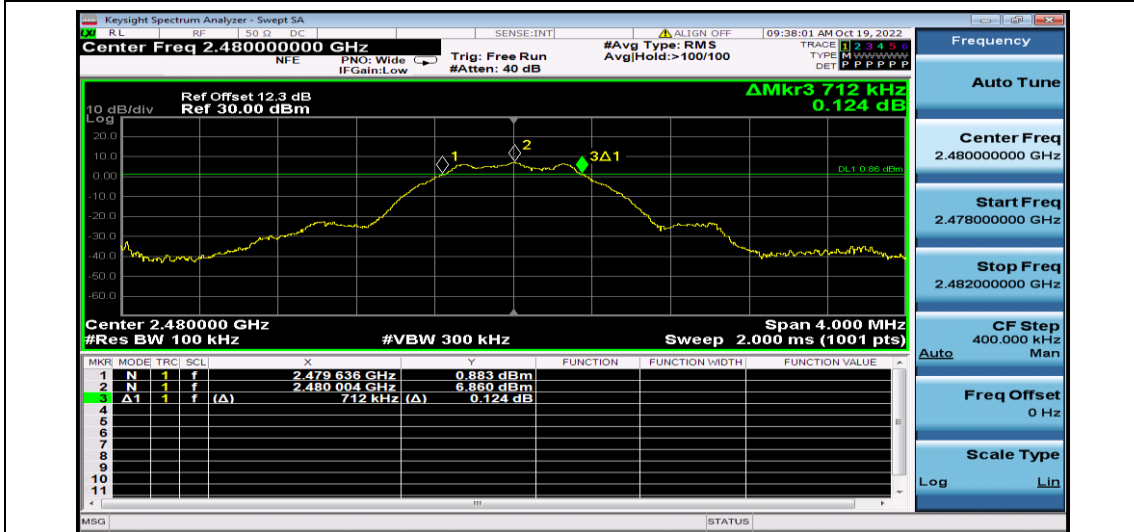
# Test Graphs



BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



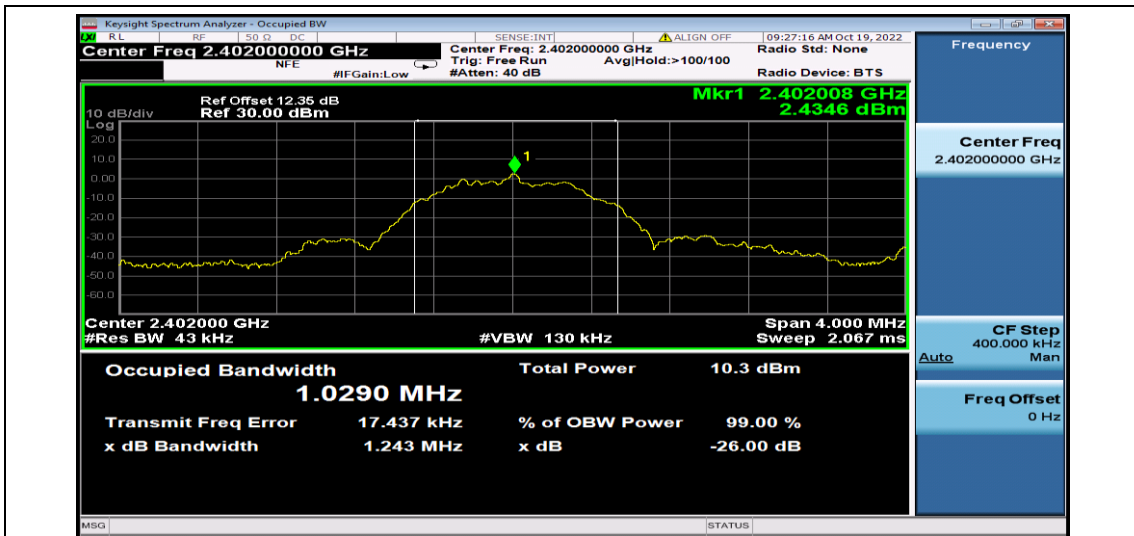
BLE\_1M\_Ant1\_2480

## Appendix B: Occupied Channel Bandwidth

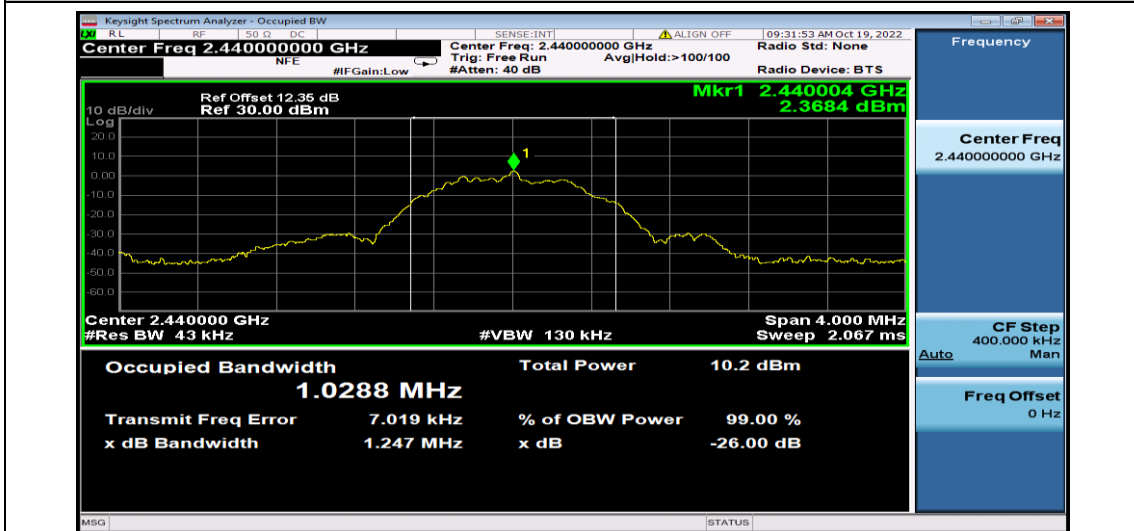
### Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0281	2401.503	2402.531	---	---
		2440	1.0285	2439.493	2440.521	---	---
		2480	1.0270	2479.495	2480.522	---	---

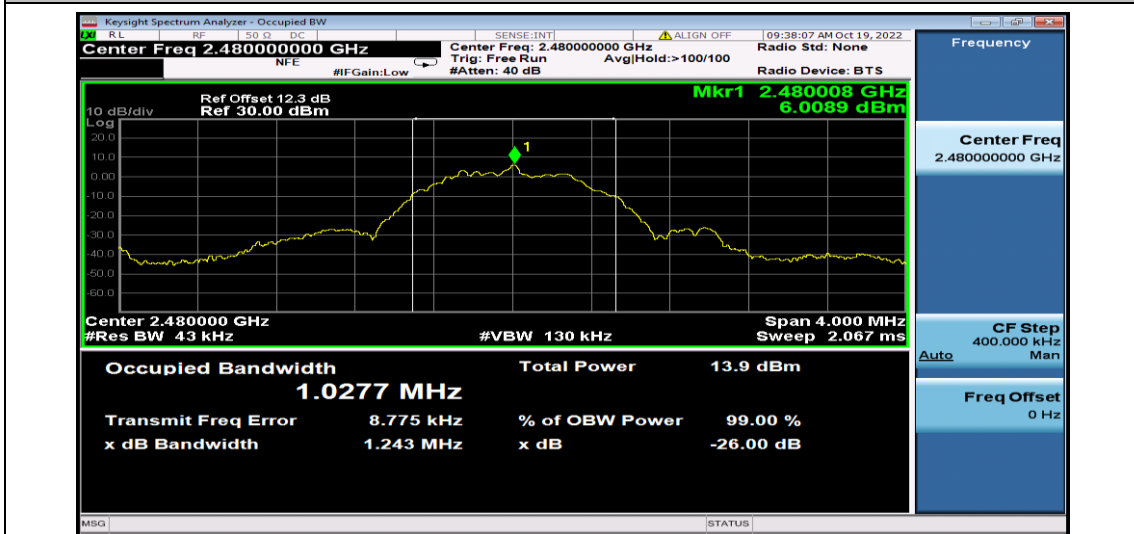
# Test Graphs



BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



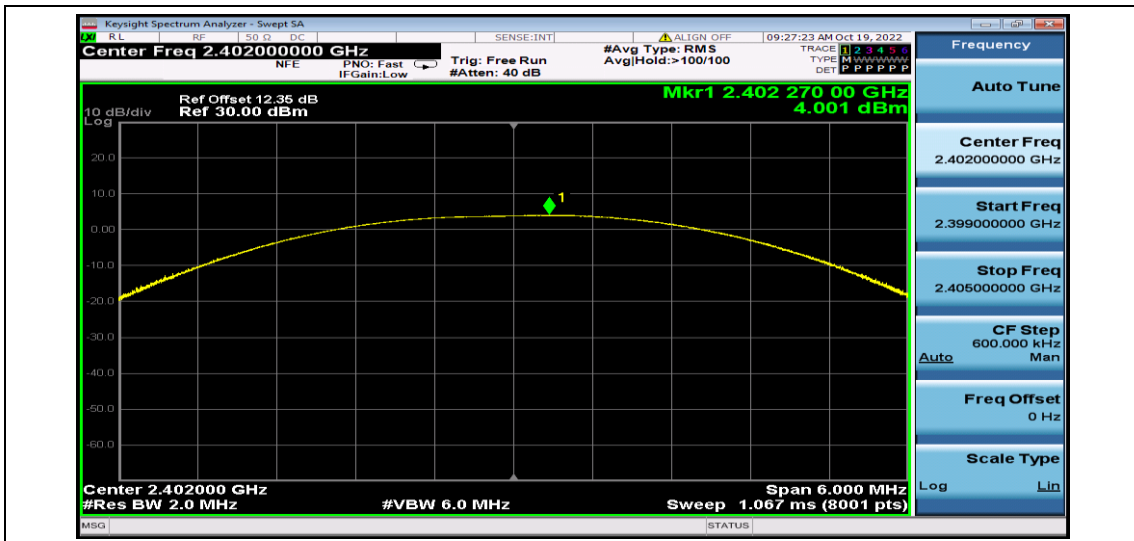
BLE\_1M\_Ant1\_2480

## Appendix C: Maximum conducted output power

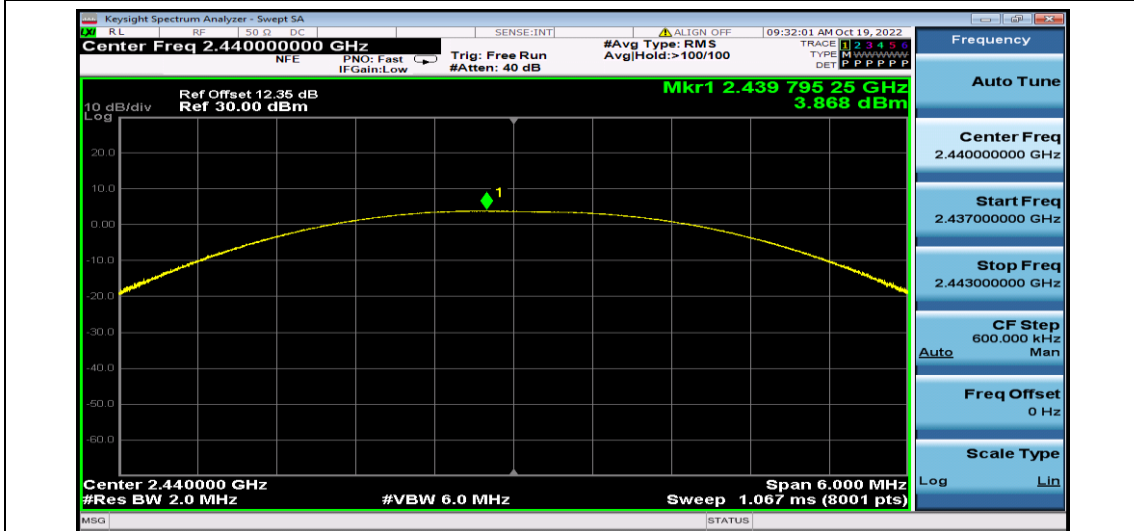
### Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	4	≤30	4.55	≤36	PASS
		2440	3.87	≤30	4.42	≤36	PASS
		2480	7.37	≤30	7.92	≤36	PASS

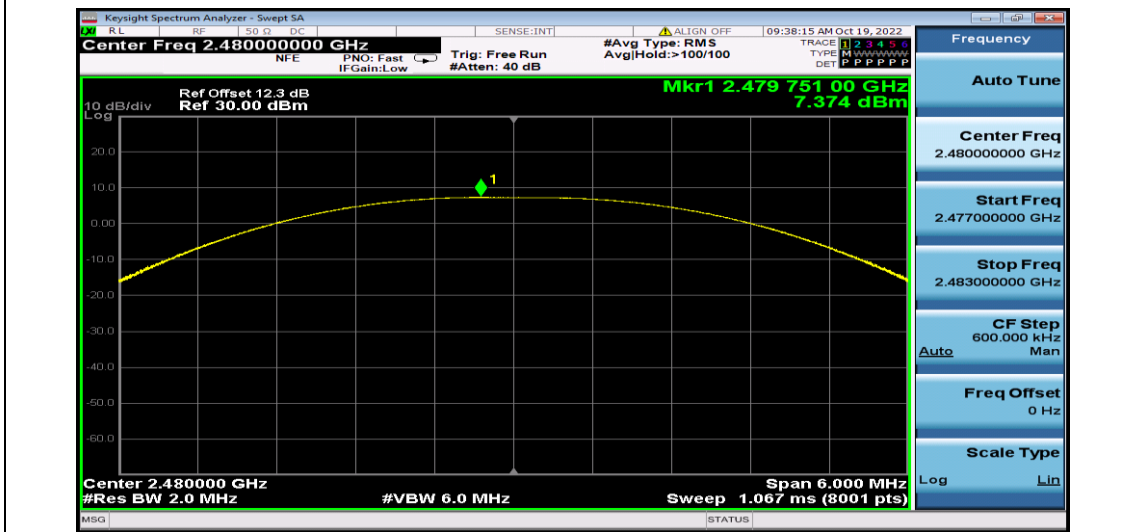
# Test Graphs Peak



BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



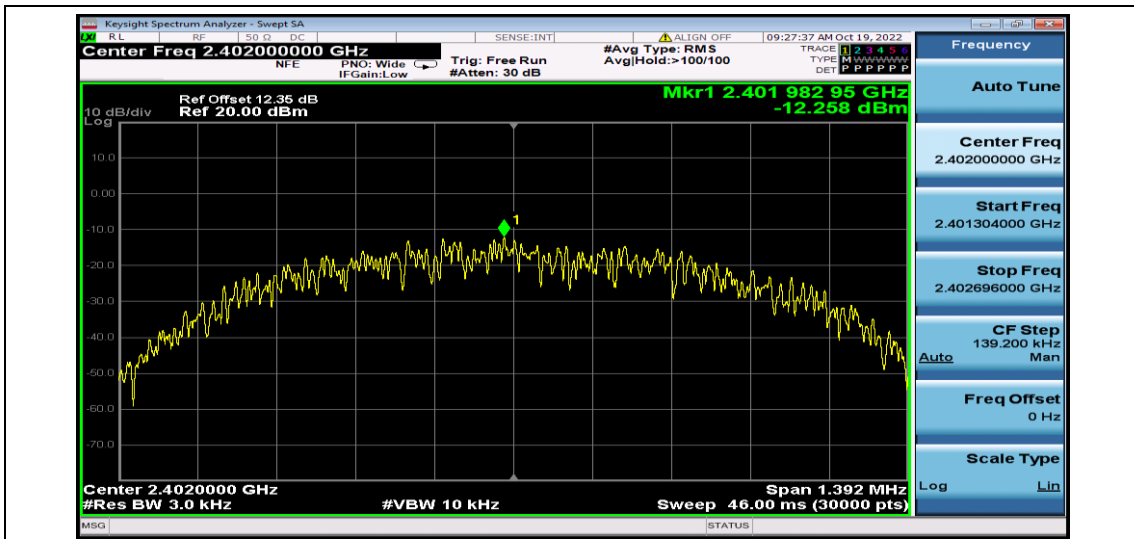
BLE\_1M\_Ant1\_2480

## Appendix D: Maximum power spectral density

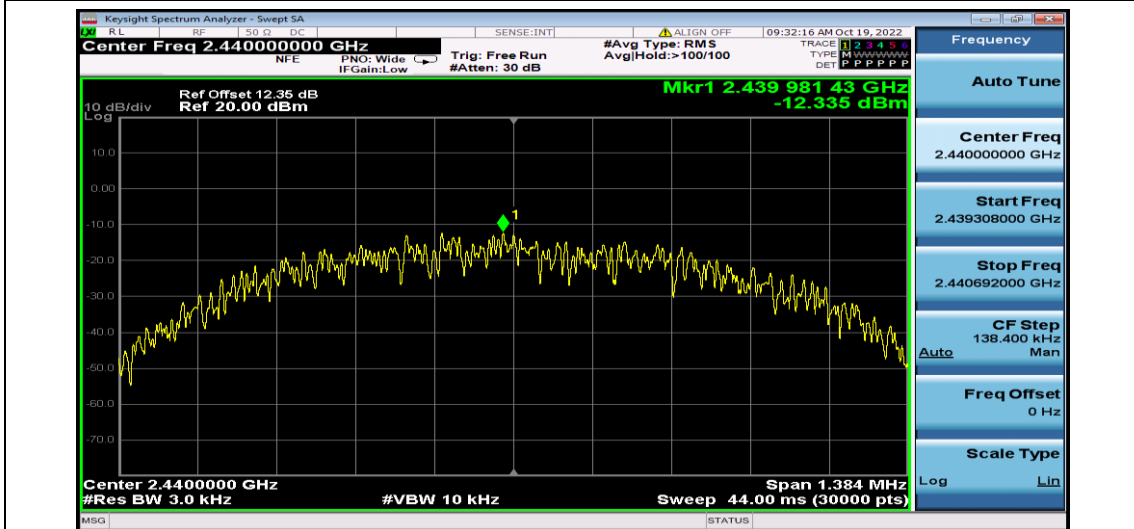
### Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.26	≤8.00	PASS
		2440	-12.34	≤8.00	PASS
		2480	-8.76	≤8.00	PASS

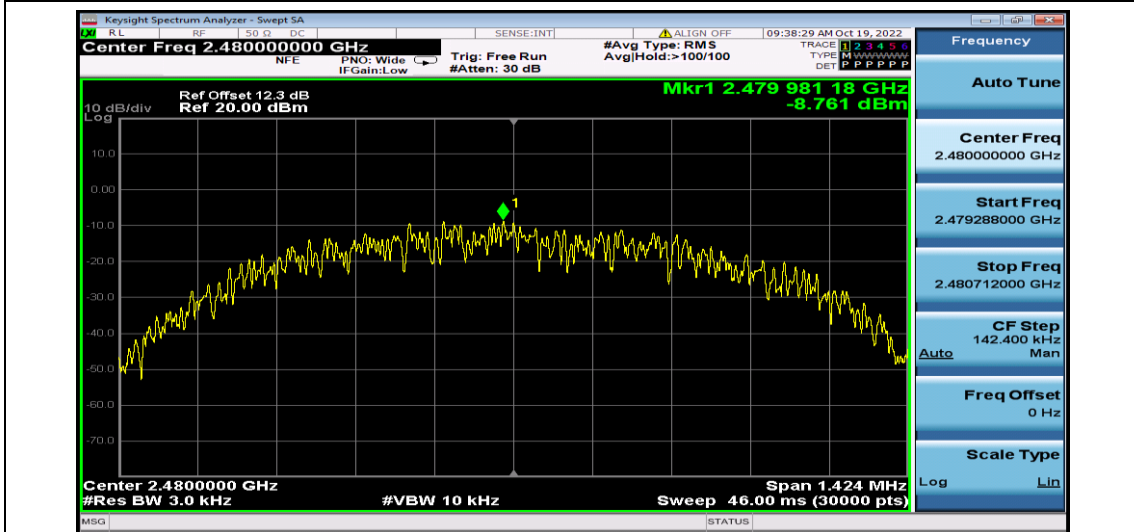
# Test Graphs



BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480

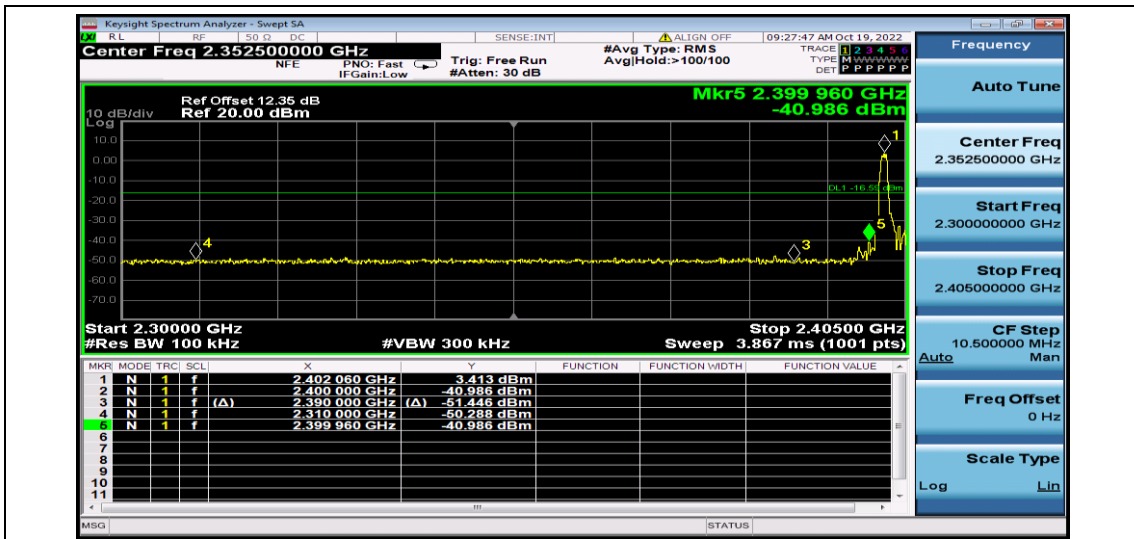


## Appendix E: Band edge measurements

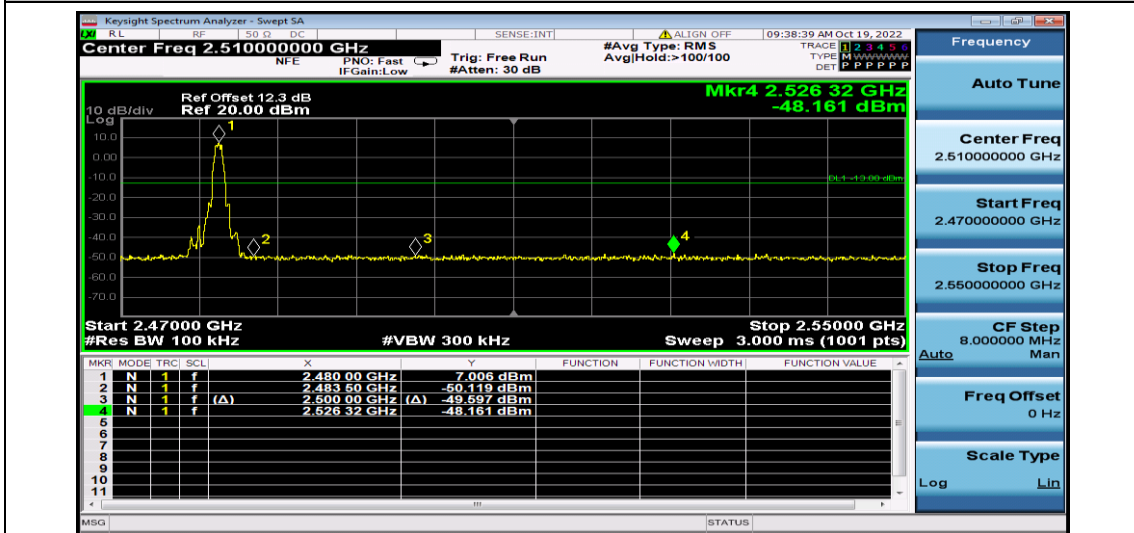
### Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.41	-40.99	≤-16.59	PASS
		High	2480	7.00	-48.16	≤-13	PASS

# Test Graphs



BLE\_1M\_Ant1\_Low\_2402



BLE\_1M\_Ant1\_High\_2480

## Appendix F: Conducted Spurious Emission

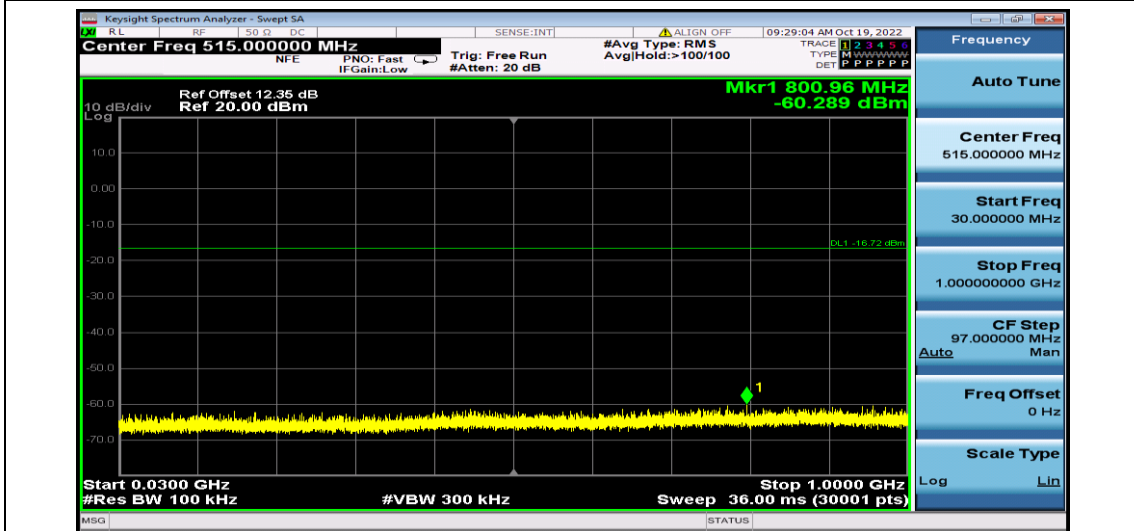
### Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	3.28	3.28	---	PASS
			30~1000	3.28	-60.29	≤-16.72	PASS
			1000~26500	3.28	-50.76	≤-16.72	PASS
		2440	Reference	3.22	3.22	---	PASS
			30~1000	3.22	-59.01	≤-16.78	PASS
			1000~26500	3.22	-51.35	≤-16.78	PASS
		2480	Reference	6.87	6.87	---	PASS
			30~1000	6.87	-60.31	≤-13.13	PASS
			1000~26500	6.87	-50.81	≤-13.13	PASS

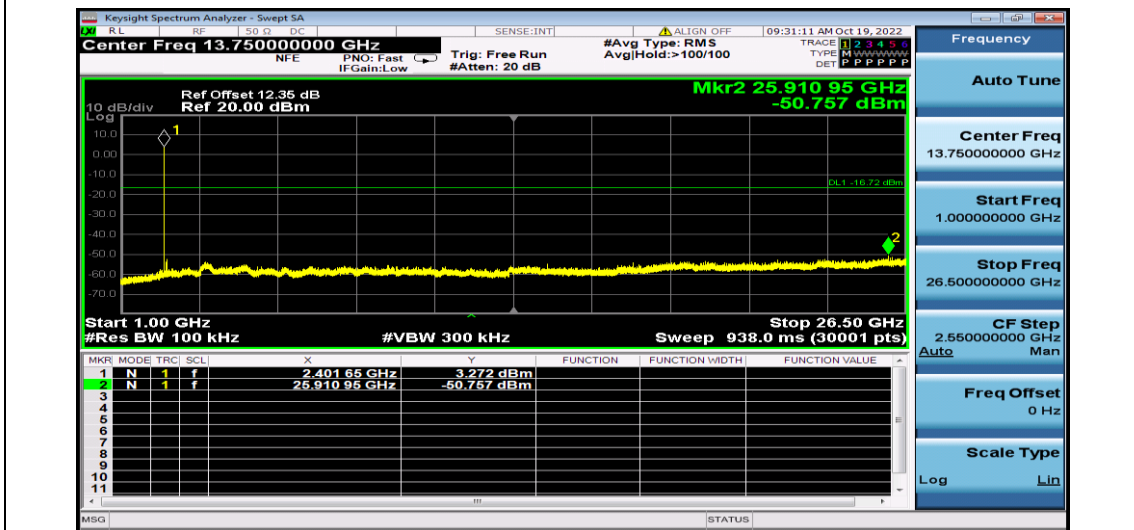
# Test Graphs



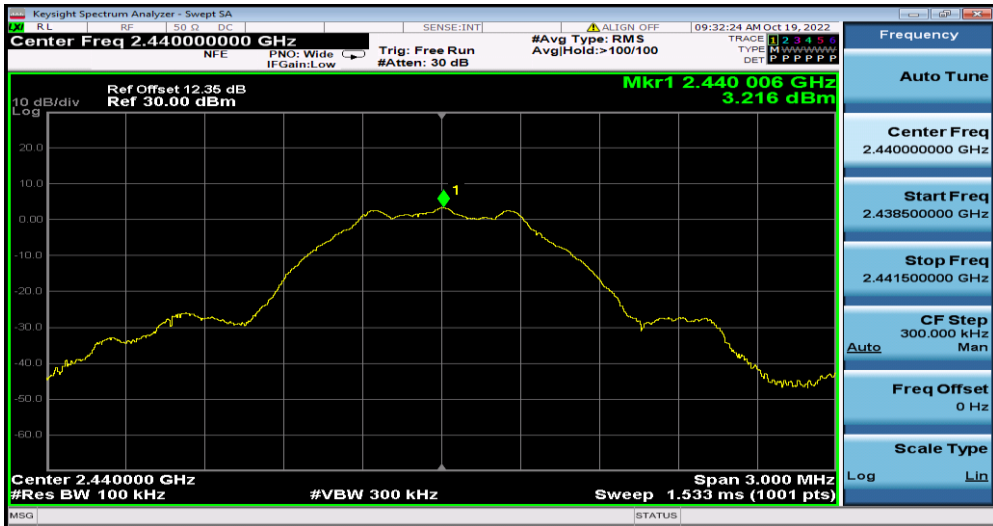
BLE\_1M\_Ant1\_2402\_0~Reference



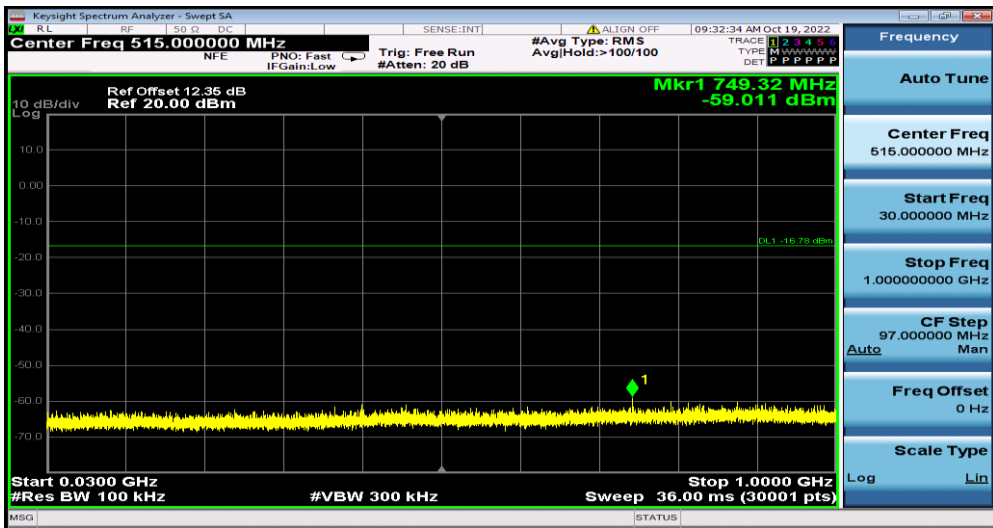
BLE\_1M\_Ant1\_2402\_30~1000



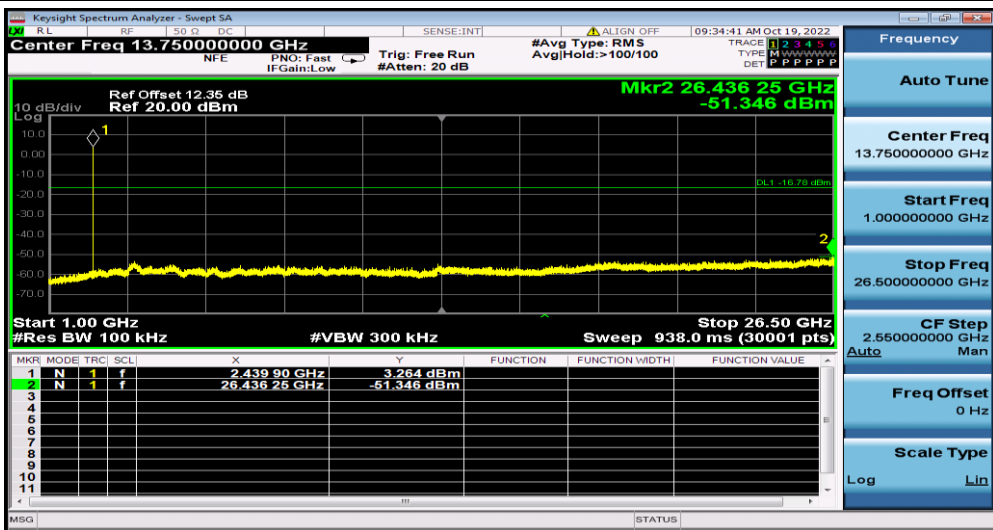
BLE\_1M\_Ant1\_2402\_1000~26500



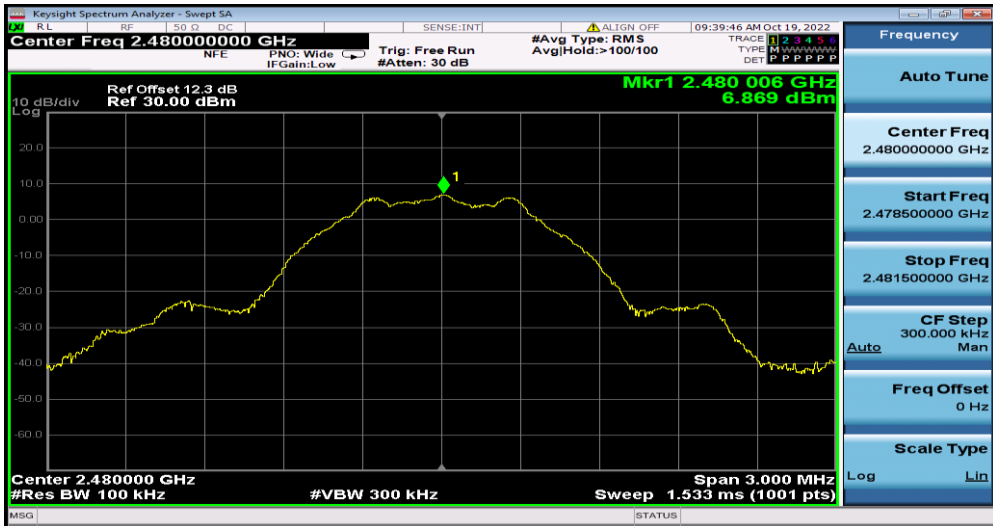
BLE\_1M\_Ant1\_2440\_0~Reference



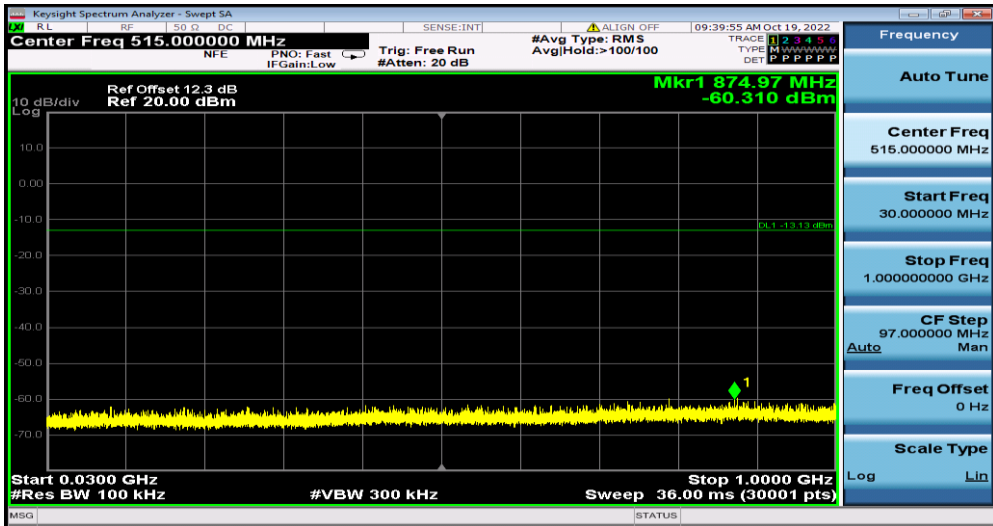
BLE\_1M\_Ant1\_2440\_30~1000



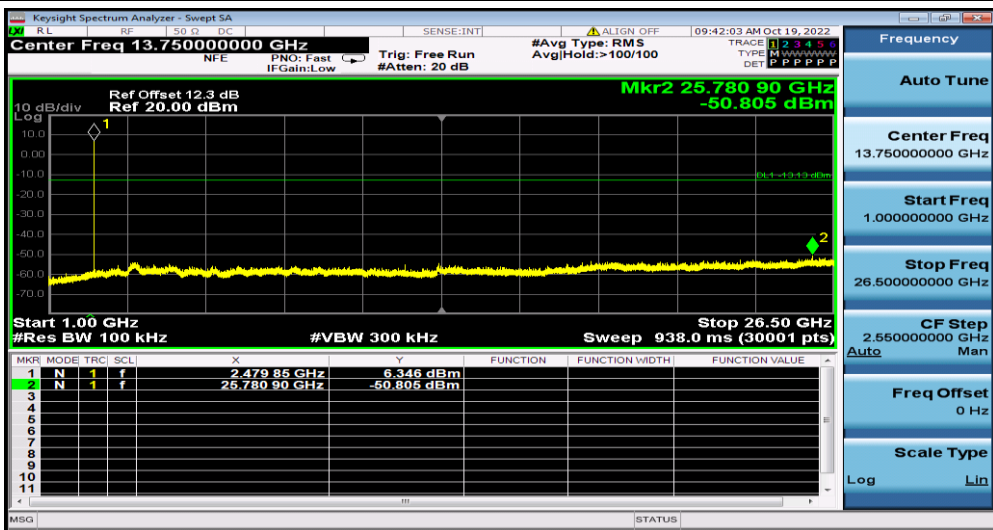
BLE\_1M\_Ant1\_2440\_1000~26500



BLE\_1M\_Ant1\_2480\_0~Reference



BLE\_1M\_Ant1\_2480\_30~1000



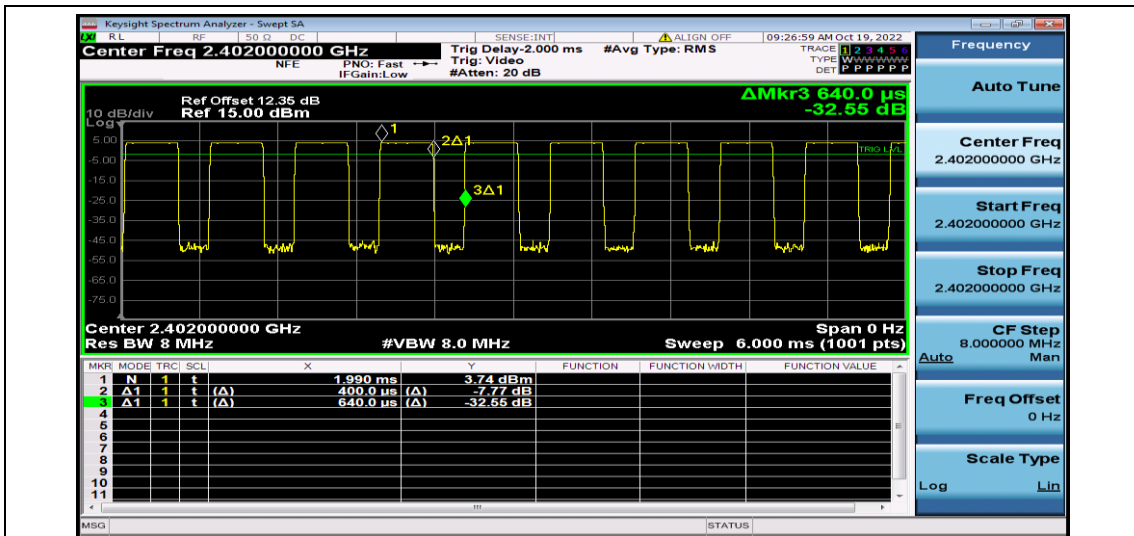
BLE\_1M\_Ant1\_2480\_1000~26500

## Appendix G: Duty Cycle

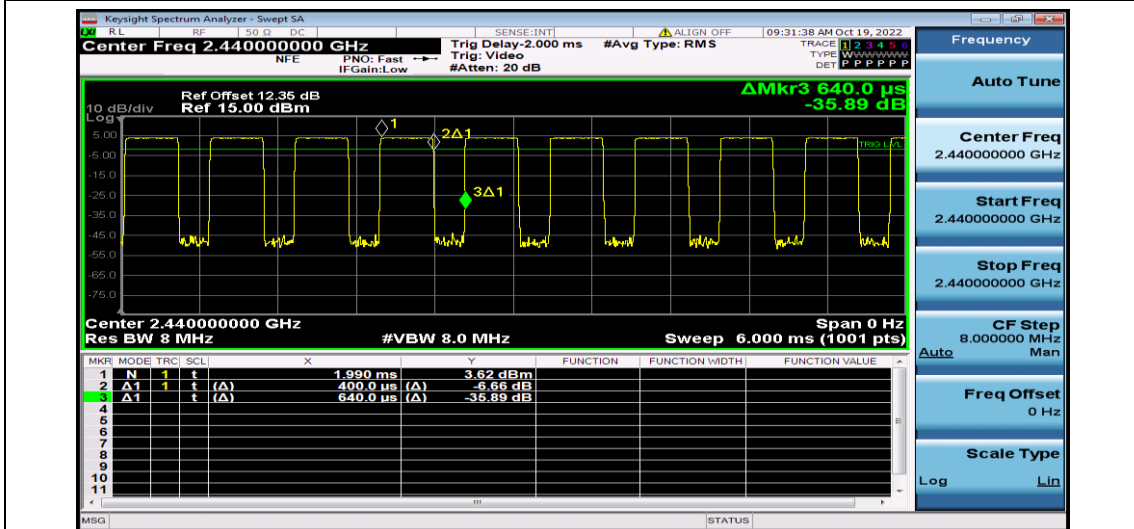
### Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.40	0.64	62.50	2.04
		2440	0.40	0.64	62.50	2.04
		2480	0.40	0.65	61.54	2.11

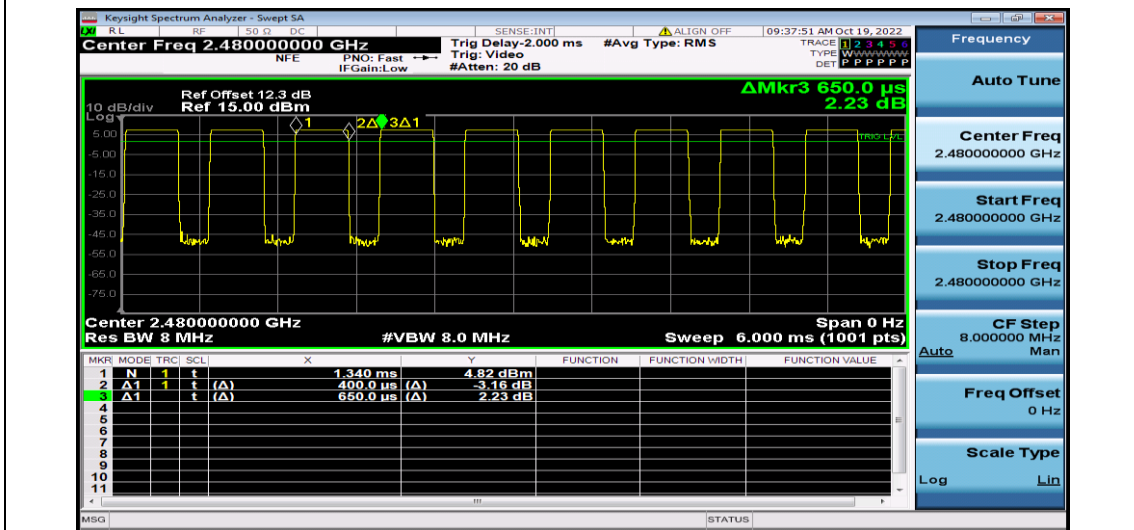
# Test Graphs



BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480



