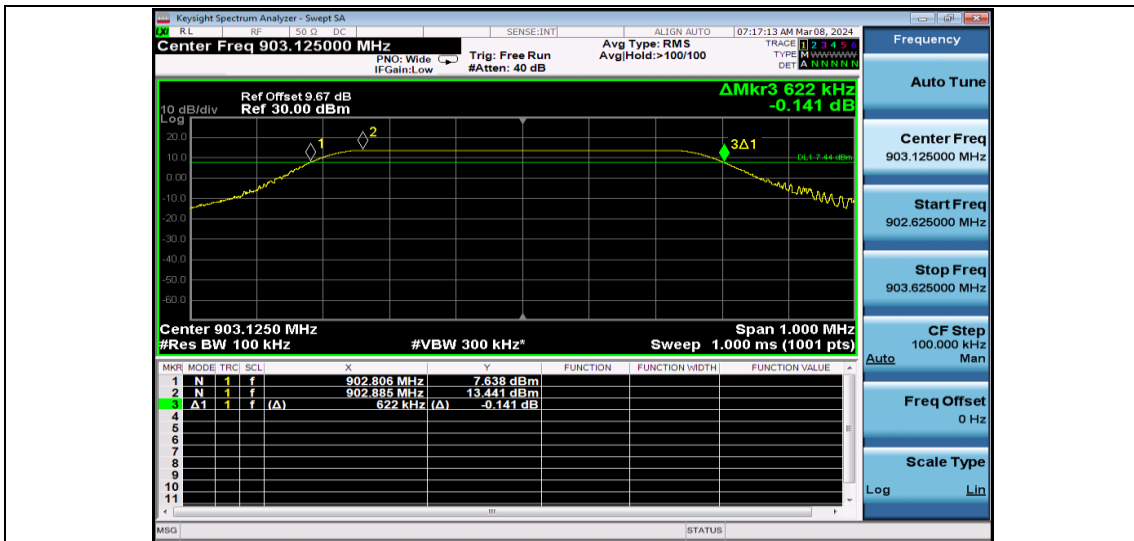


## Appendix A: DTS Bandwidth

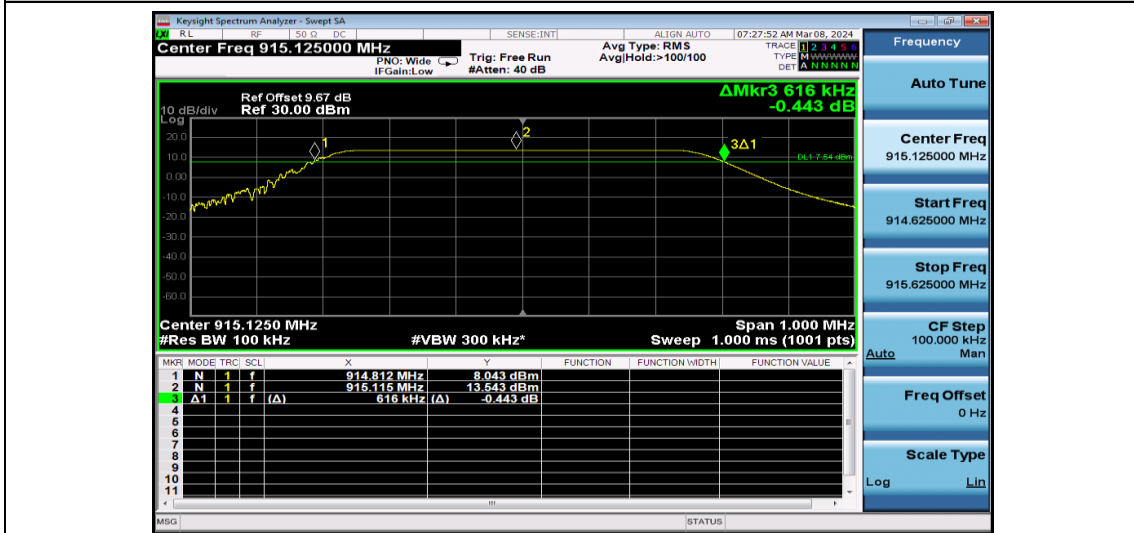
### Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
LORA	Ant1	903.125	0.622	902.806	903.428	0.5	PASS
		917.125	0.616	914.812	915.428	0.5	PASS
		927.125	0.618	926.810	927.428	0.5	PASS

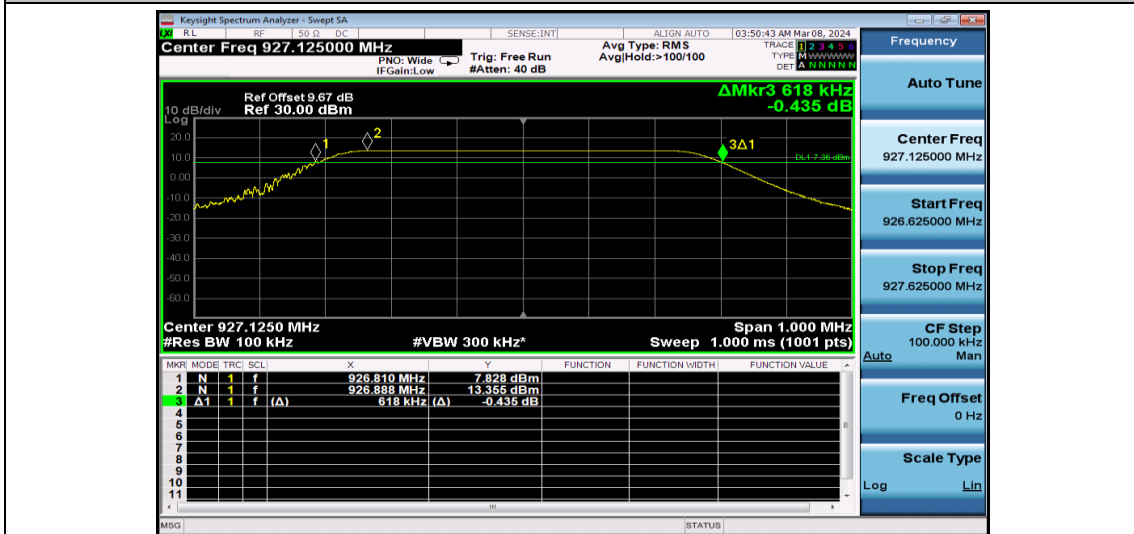
### Test Graphs



Low Channel (903.125MHz)



Middel Channel (915.125MHz)



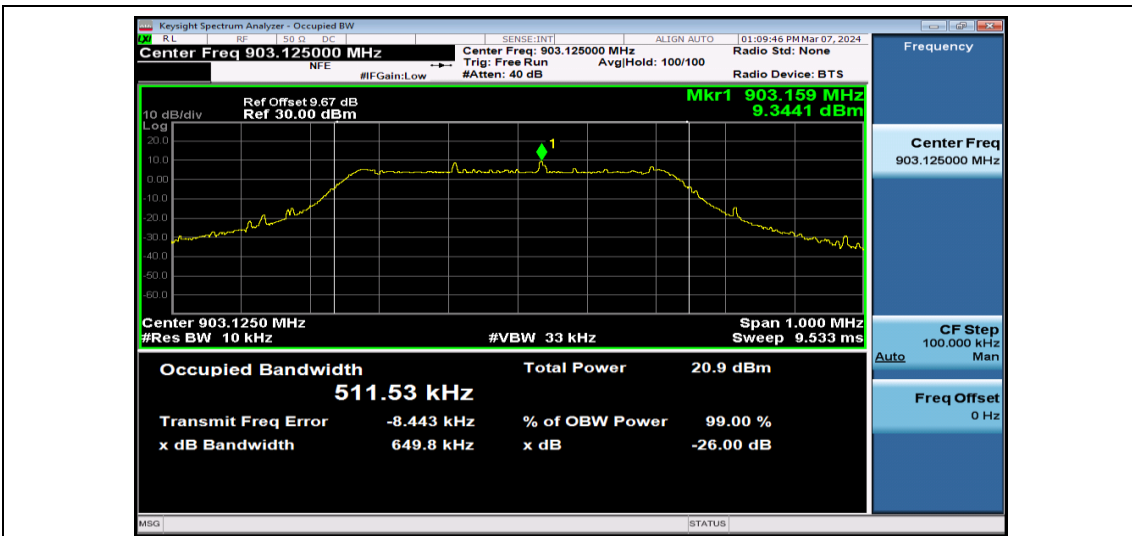
High Channel (927.125MHz)

## Appendix B: Occupied Channel Bandwidth

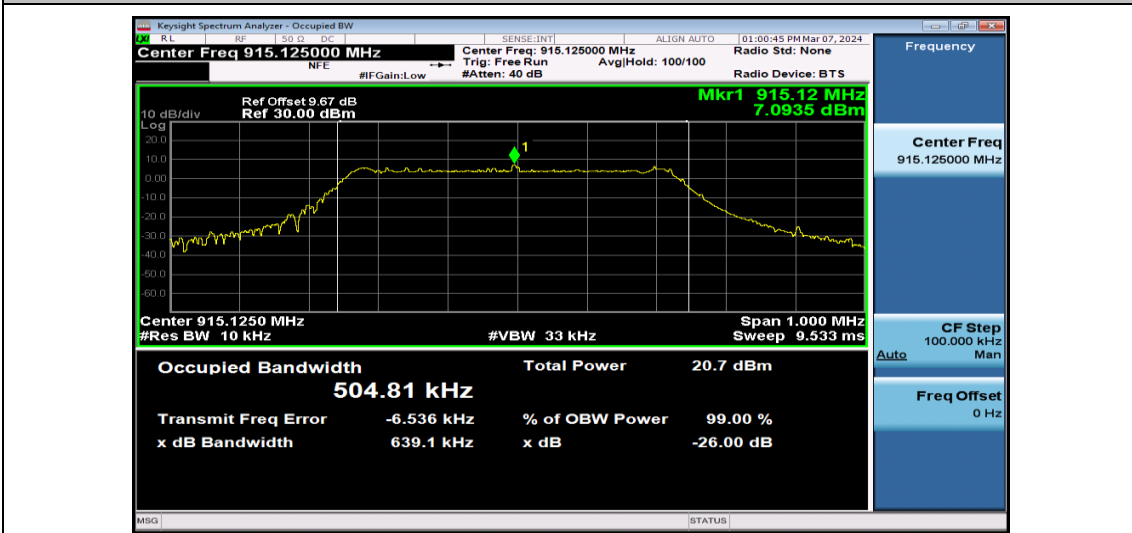
### Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
LORA	Ant1	903.125	0.5115	902.8693	903.3808	---	---
		917.125	0.5048	916.8726	917.3774	---	---
		927.125	0.5073	926.8714	927.3787	---	---

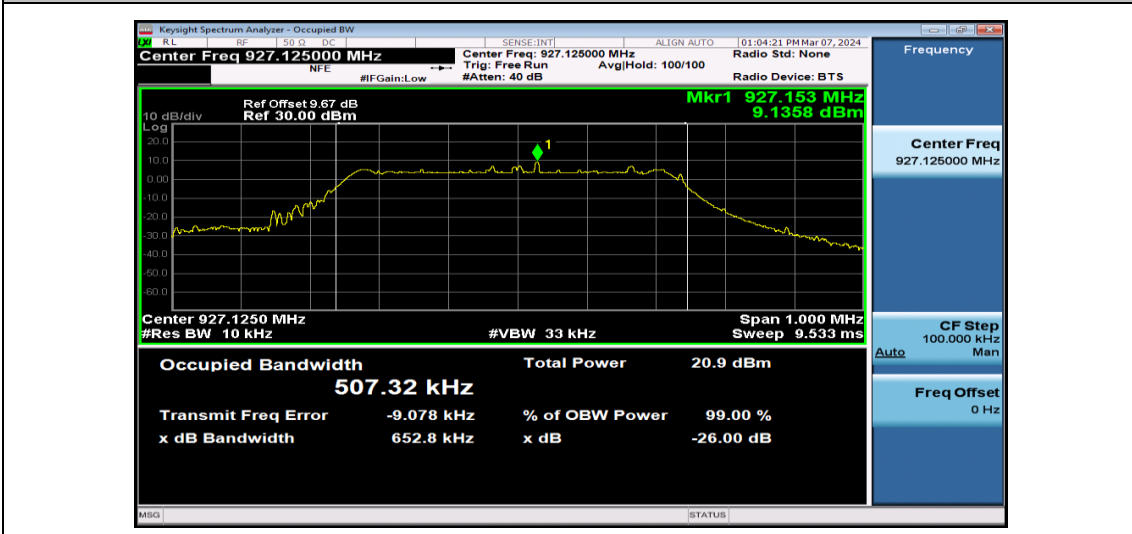
### Test Graphs



Low Channel (903.125MHz)



Middel Channel (915.125MHz)



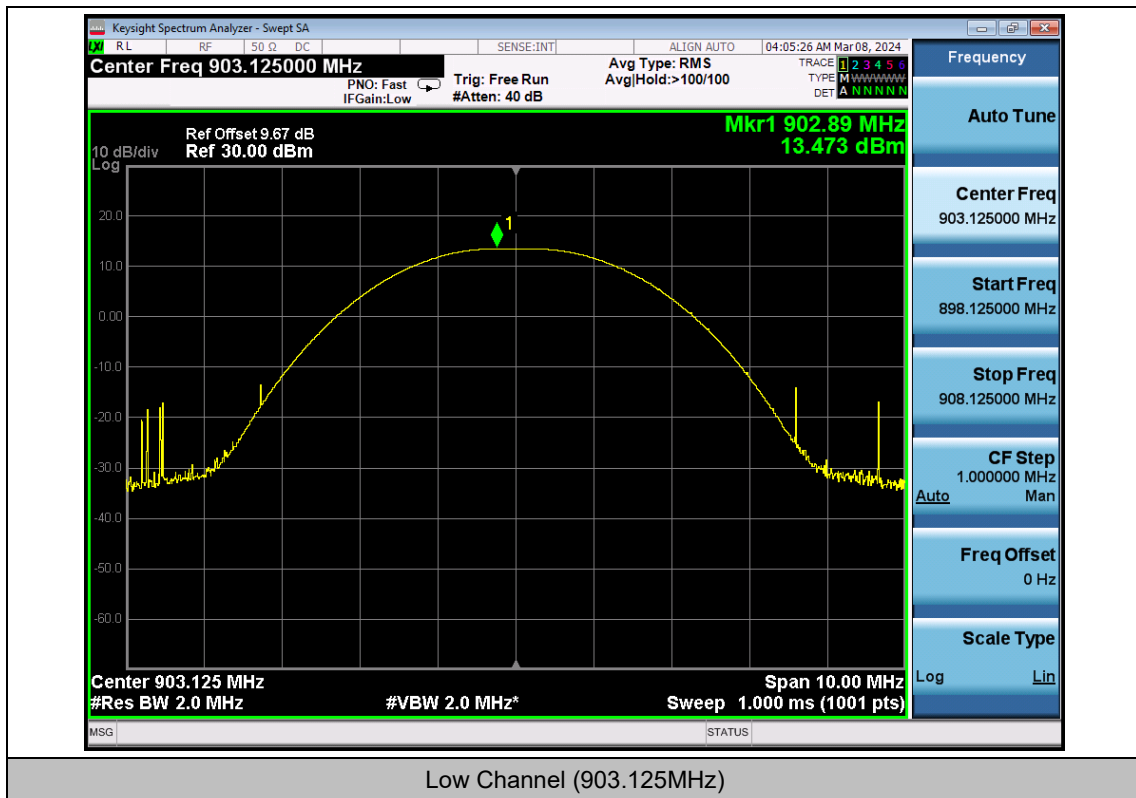
High Channel (927.125MHz)

## Appendix C: Maximum conducted output power

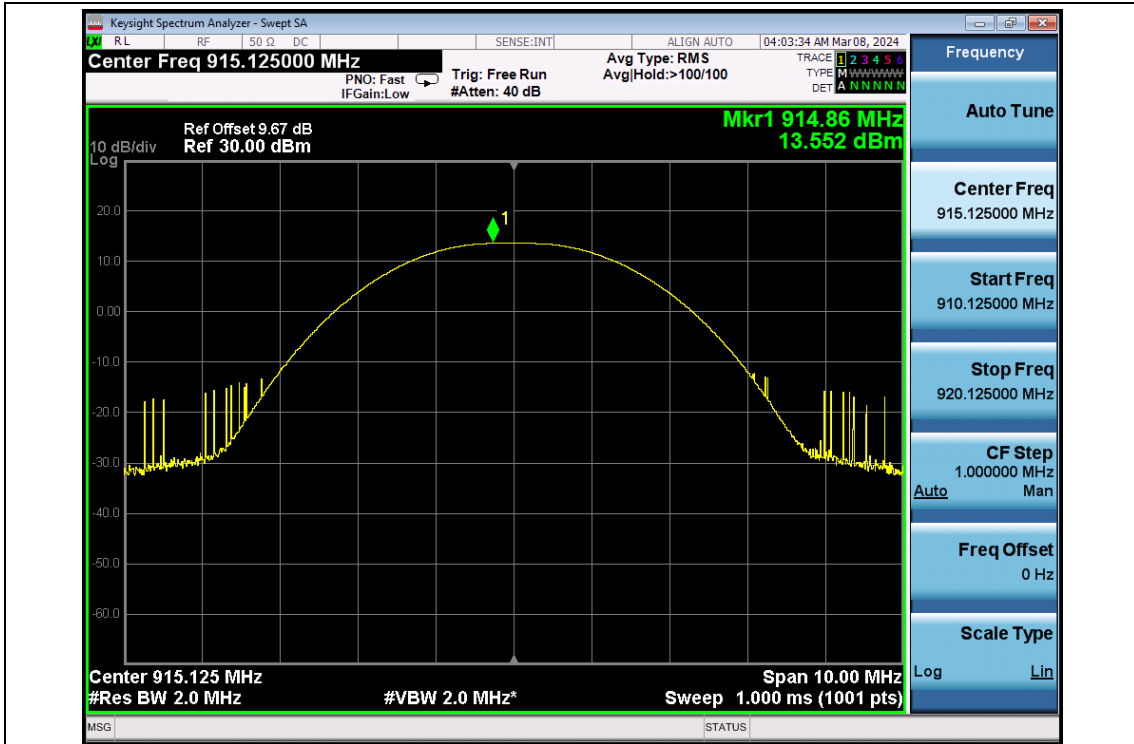
### Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
LORA	Ant1	903.125	13.47	≤30	13.97	≤36	PASS
		917.125	13.55	≤30	14.05	≤36	PASS
		927.125	13.35	≤30	13.85	≤36	PASS

### Test Graphs Peak



Low Channel (903.125MHz)



Middel Channel (915.125MHz)



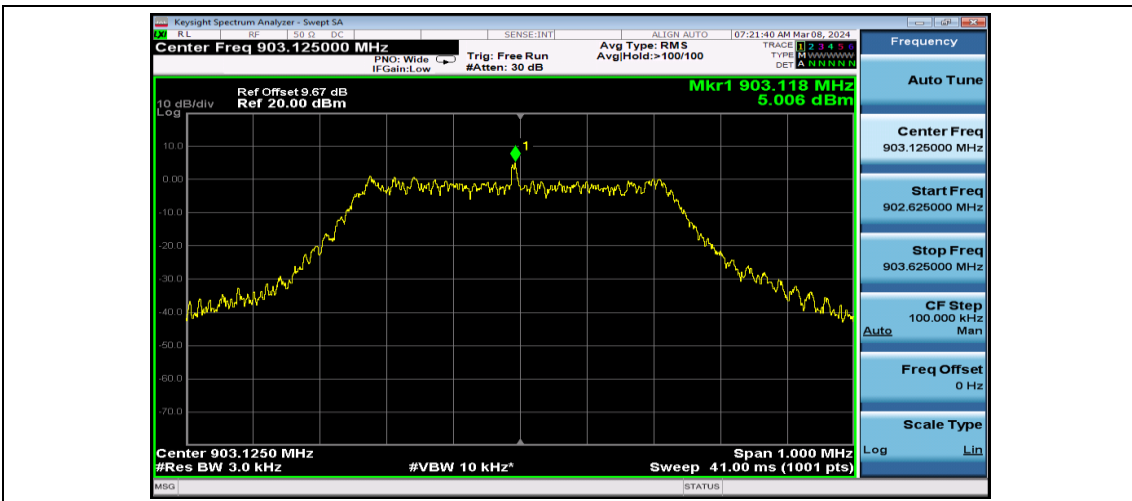
High Channel (927.125MHz)

## Appendix D: Maximum power spectral density

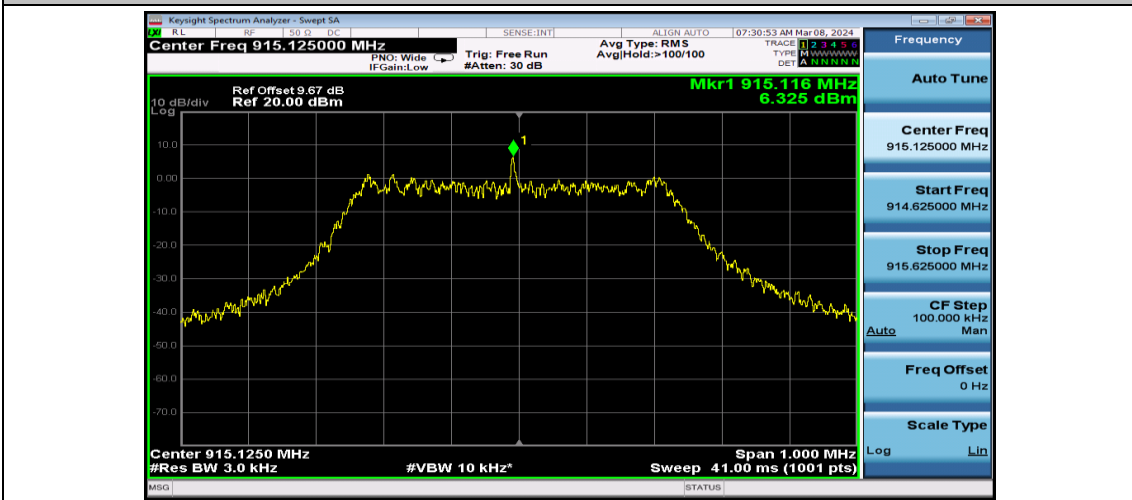
### Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
LORA	Ant1	903.125	5.01	≤8.00	PASS
		917.125	6.33	≤8.00	PASS
		927.125	5.00	≤8.00	PASS

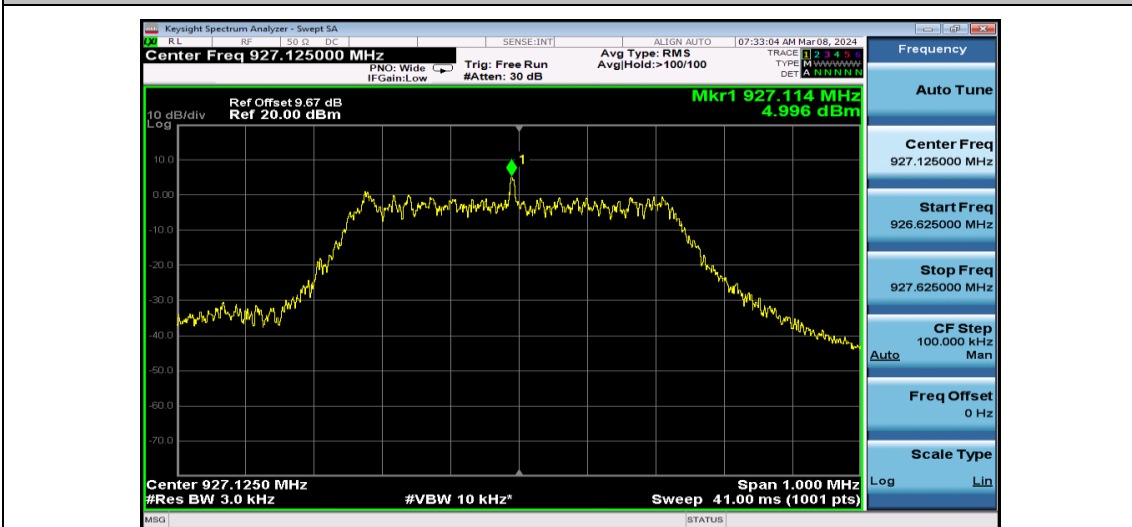
### Test Graphs



Low Channel (903.125MHz)



Middel Channel (915.125MHz)



High Channel (927.125MHz)

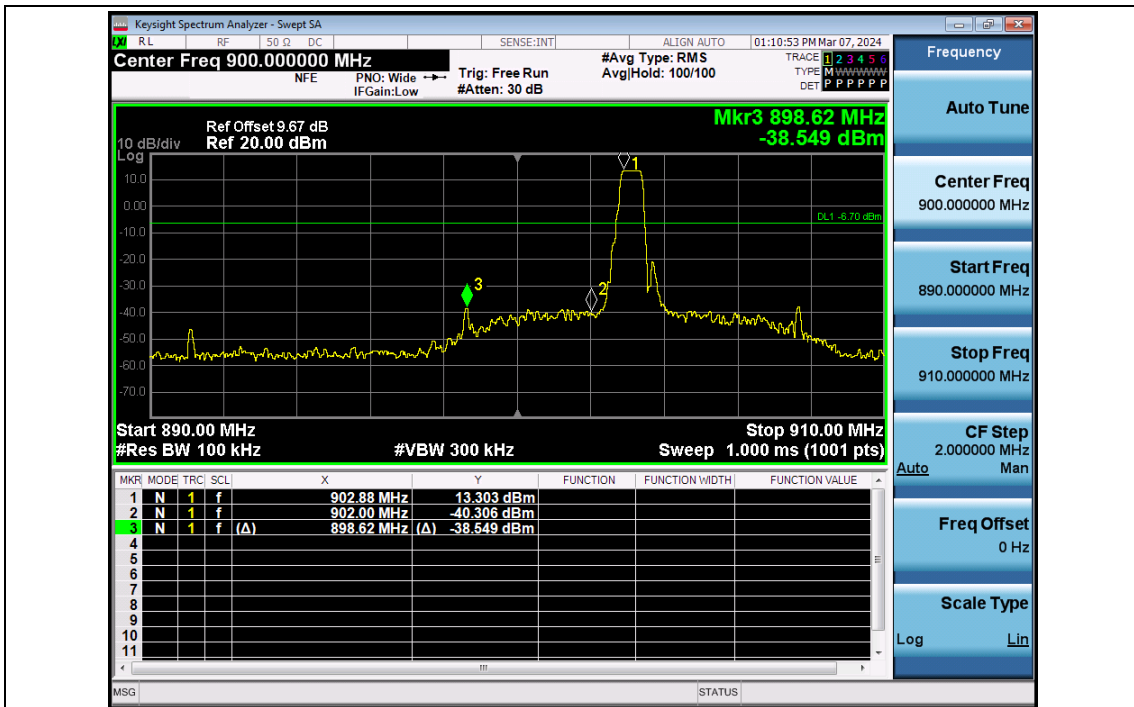


## Appendix E: Band edge measurements

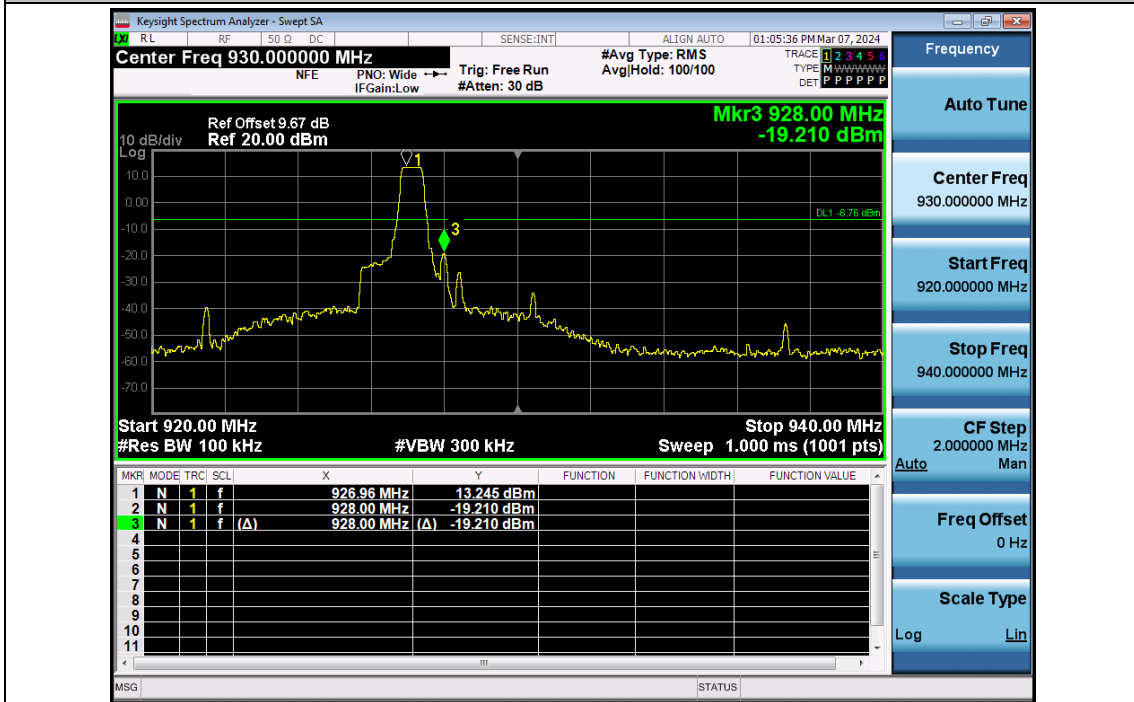
### Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
LORA	Ant1	Low	903.125	13.30	-38.6	≤-6.70	PASS
		High	927.125	13.25	-19.2	≤-6.75	PASS

### Test Graphs



Low Channel (903.125MHz)



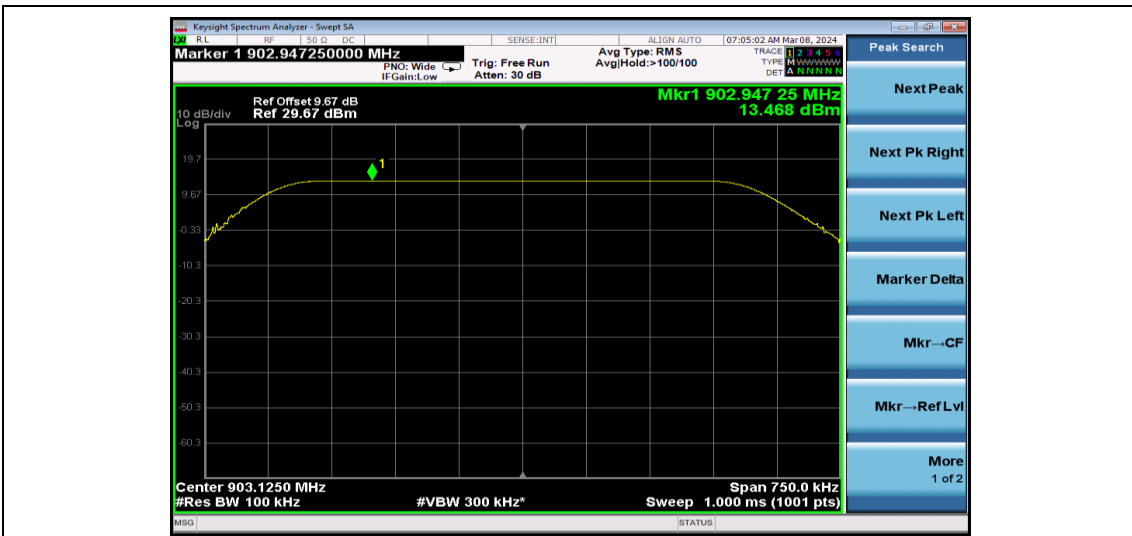
High Channel (927.125MHz)

## Appendix F: Conducted Spurious Emission

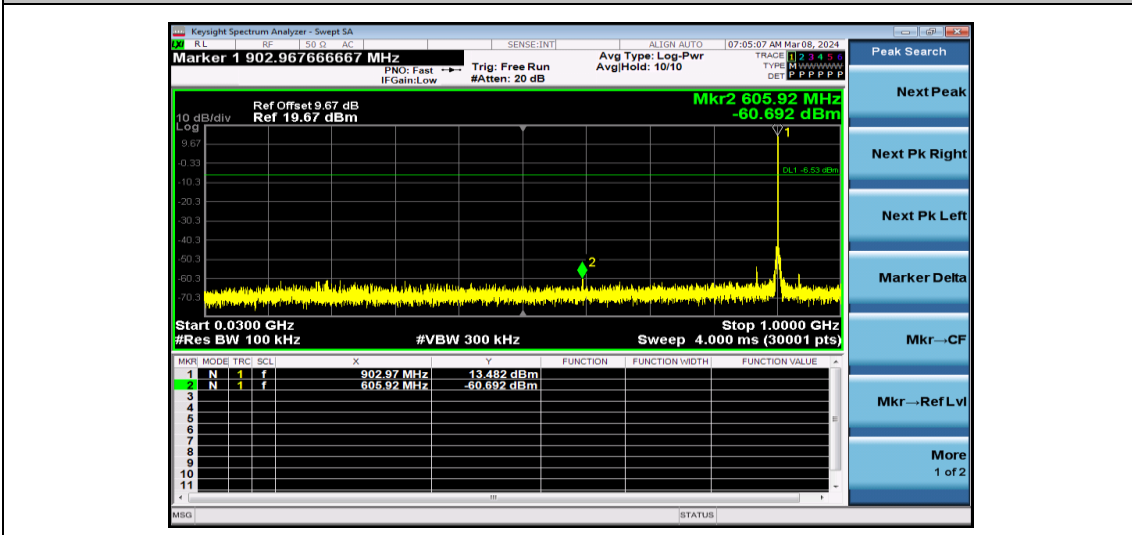
### Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
LORA	Ant1	903.125	Reference	13.47	13.47	---	PASS
			30~1000	13.47	-60.70	≤-6.53	PASS
			1000~26500	13.47	-49.55	≤-6.53	PASS
		915.125	Reference	13.57	13.57	---	PASS
			30~1000	13.57	-60.50	≤-6.43	PASS
			1000~26500	13.57	-43.74	≤-6.43	PASS
		927.125	Reference	13.32	13.32	---	PASS
			30~1000	13.32	-60.31	≤-6.68	PASS
			1000~26500	13.32	-43.03	≤-6.68	PASS

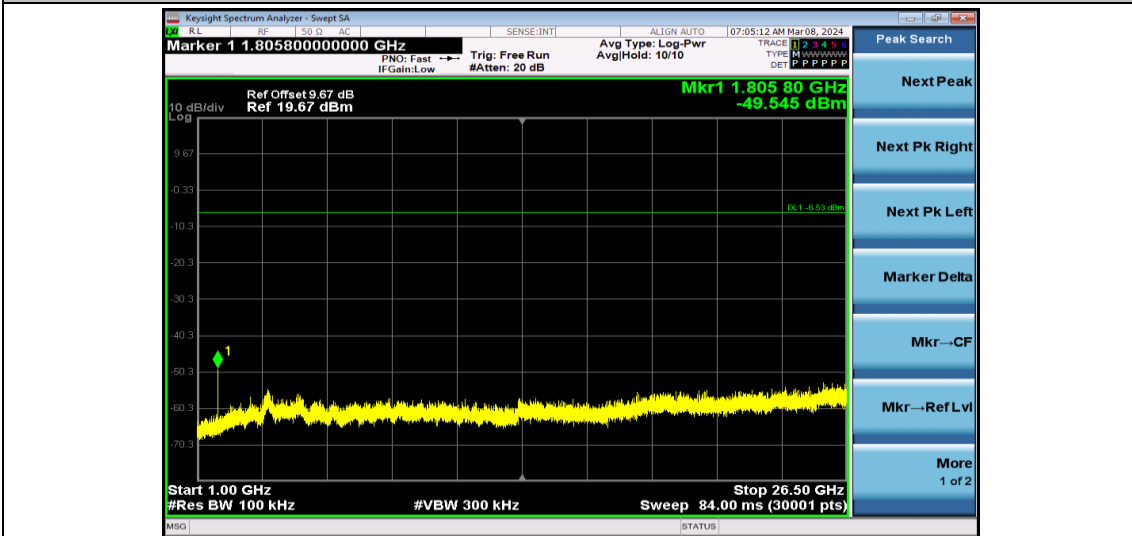
### Test Graphs



Low Channel (903.125MHz)\_0~Reference



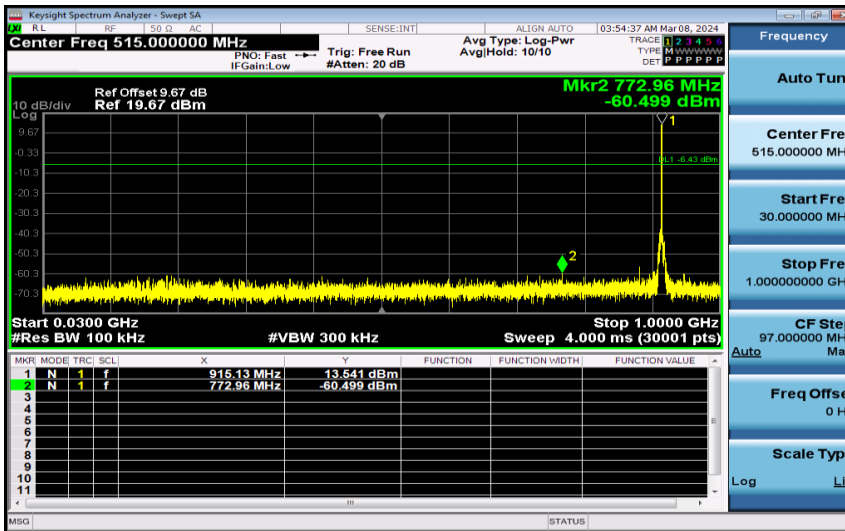
Low Channel (903.125MHz)\_30~1000



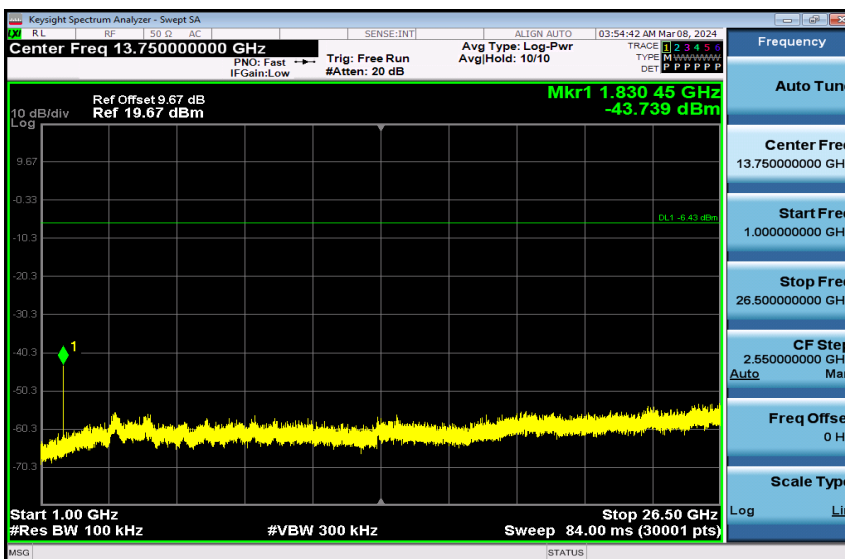
Low Channel (903.125MHz)\_1000~26500



Middel Channel (915.125MHz)\_0~Reference



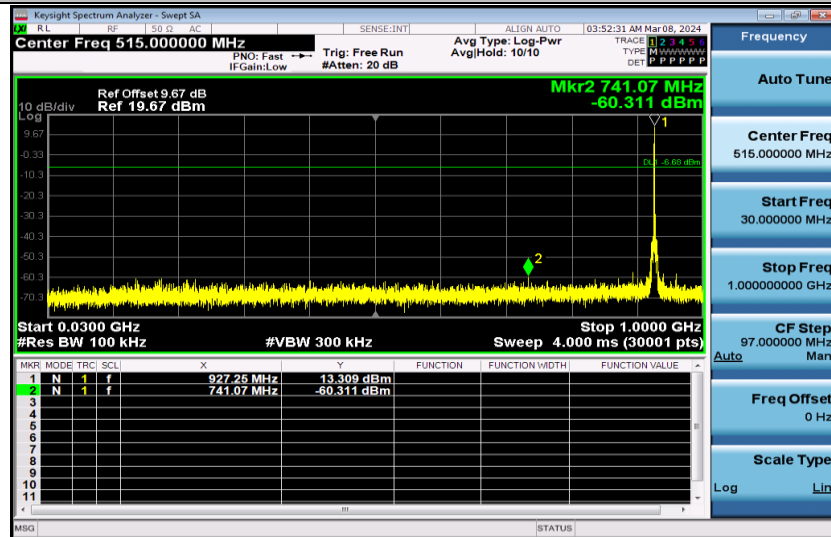
Middel Channel (915.125MHz)\_30~1000



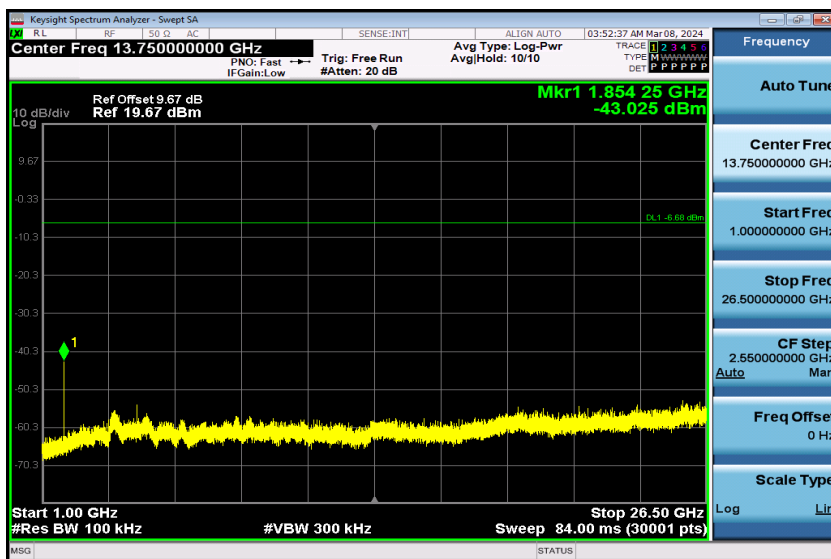
Middel Channel (915.125MHz)\_1000~26500



High Channel (927.125MHz)\_0~Reference



High Channel (927.125MHz)\_30~1000



High Channel (927.125MHz)\_1000~26500

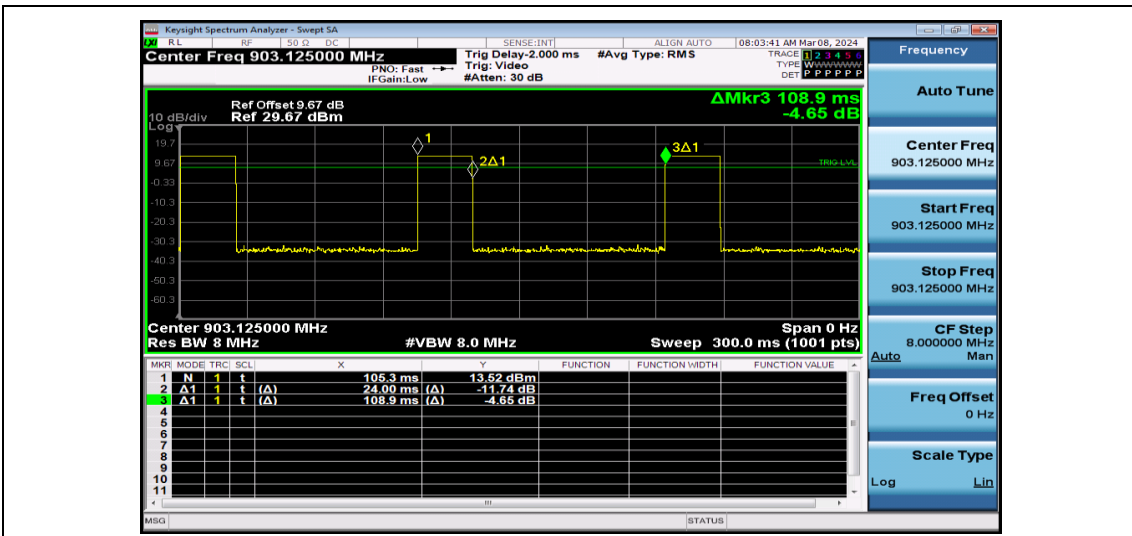
## Appendix G: Duty Cycle

### Test Result

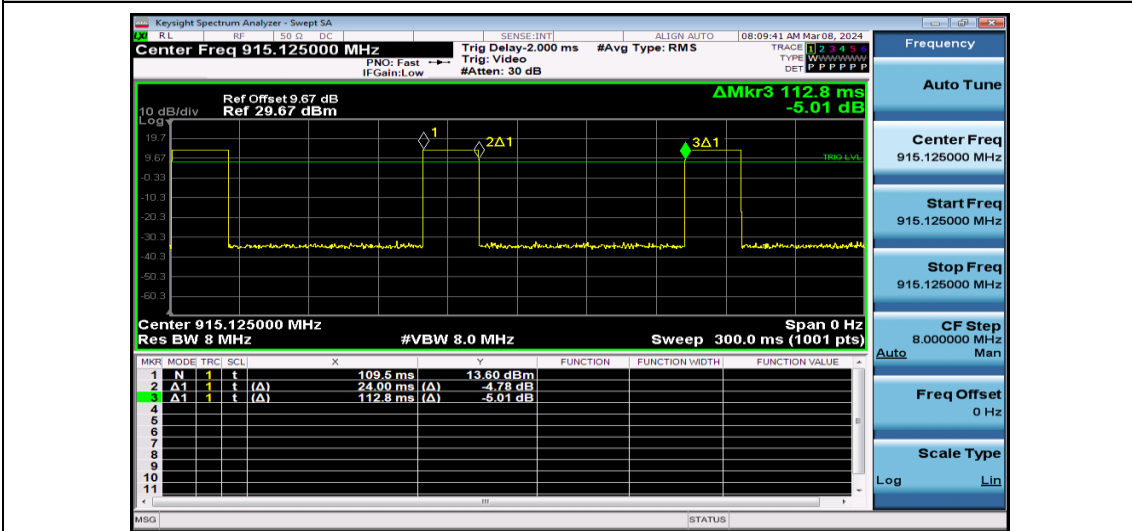
TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
LORA	Ant1	903.125	24.00	108.90	24.00	6.20
		917.125	24.00	112.80	24.00	6.20
		927.125	23.70	105.90	23.70	6.25

Note: The Period exceeds 100ms, so the Duty cycle= $T_{on}/100ms$ .

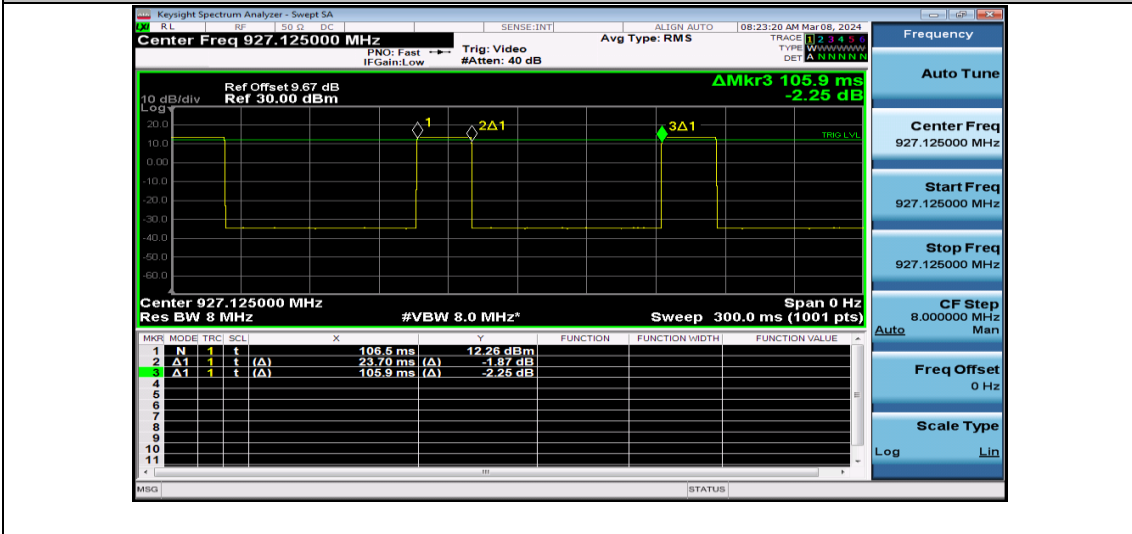
### Test Graphs



Low Channel (903.125MHz)



Middel Channel (915.125MHz)



High Channel (927.125MHz)