

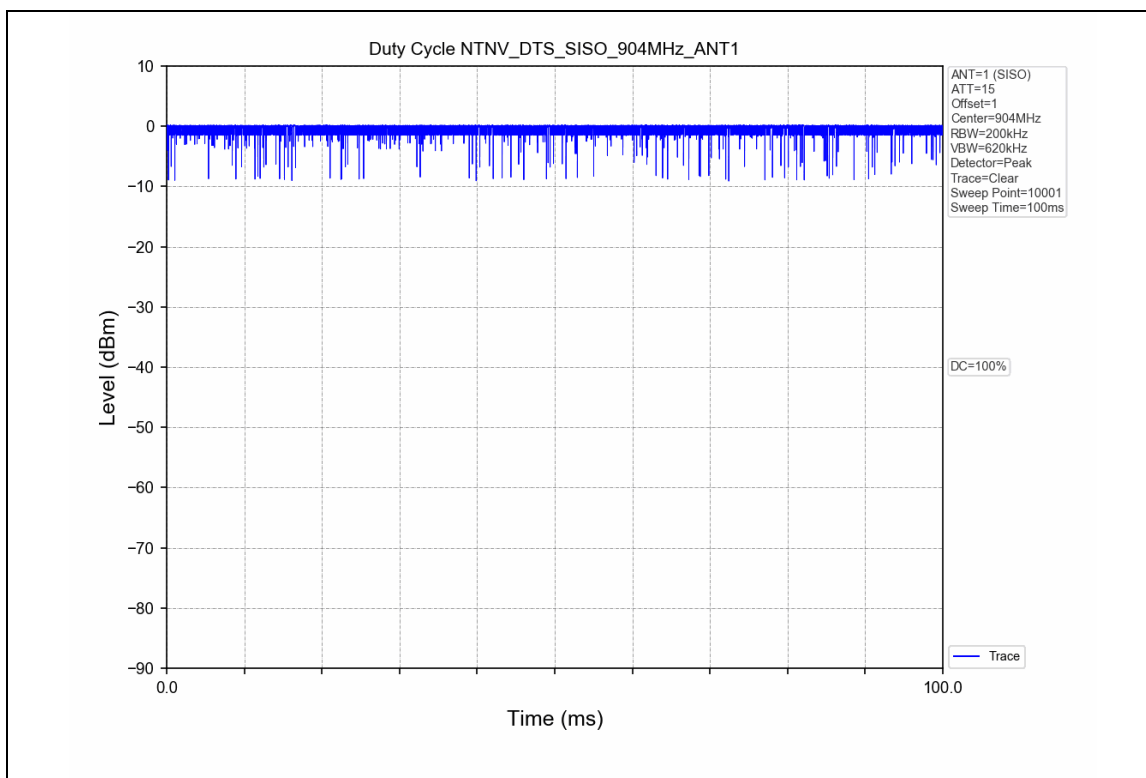
Appendix for SHEM210200119901

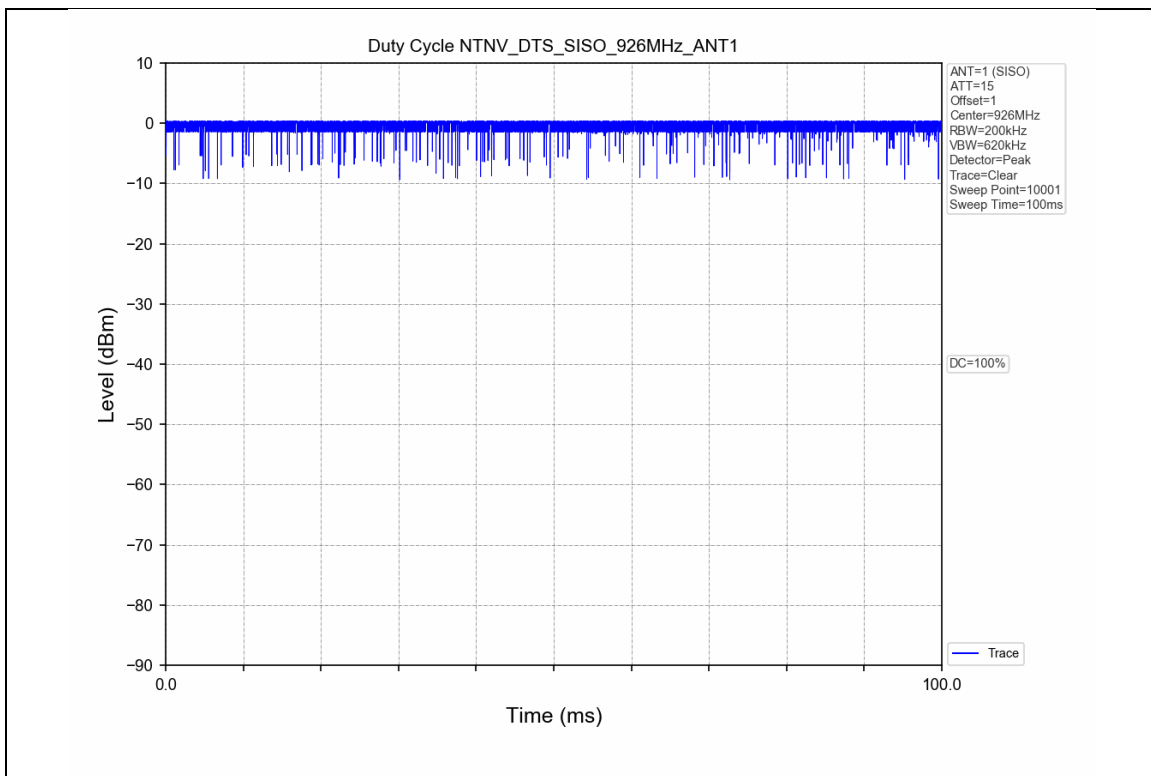
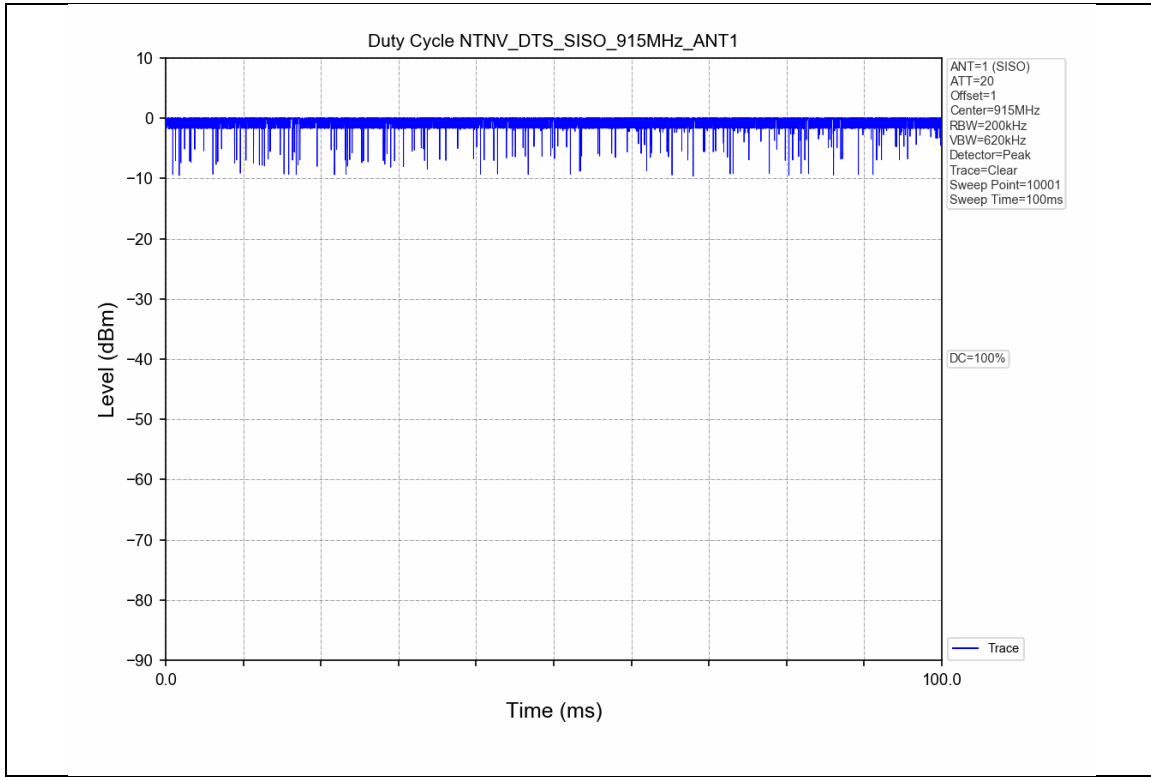
1. Duty Cycle

1.1 Test Result

Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
LORA	904	SISO	1	100.000	100.000	100.00	0.00
	915	SISO	1	100.000	100.000	100.00	0.00
	926	SISO	1	100.000	100.000	100.00	0.00

1.2 Test Graph





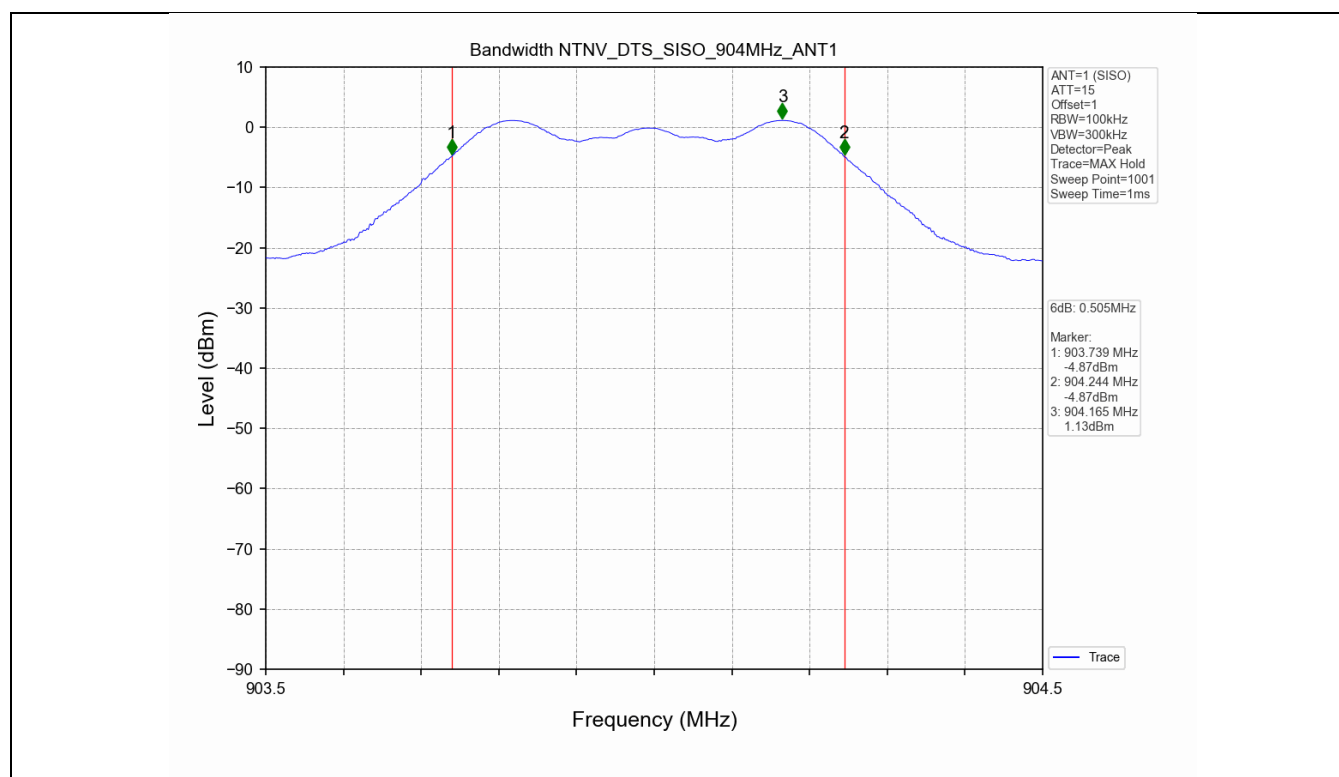
2. Bandwidth

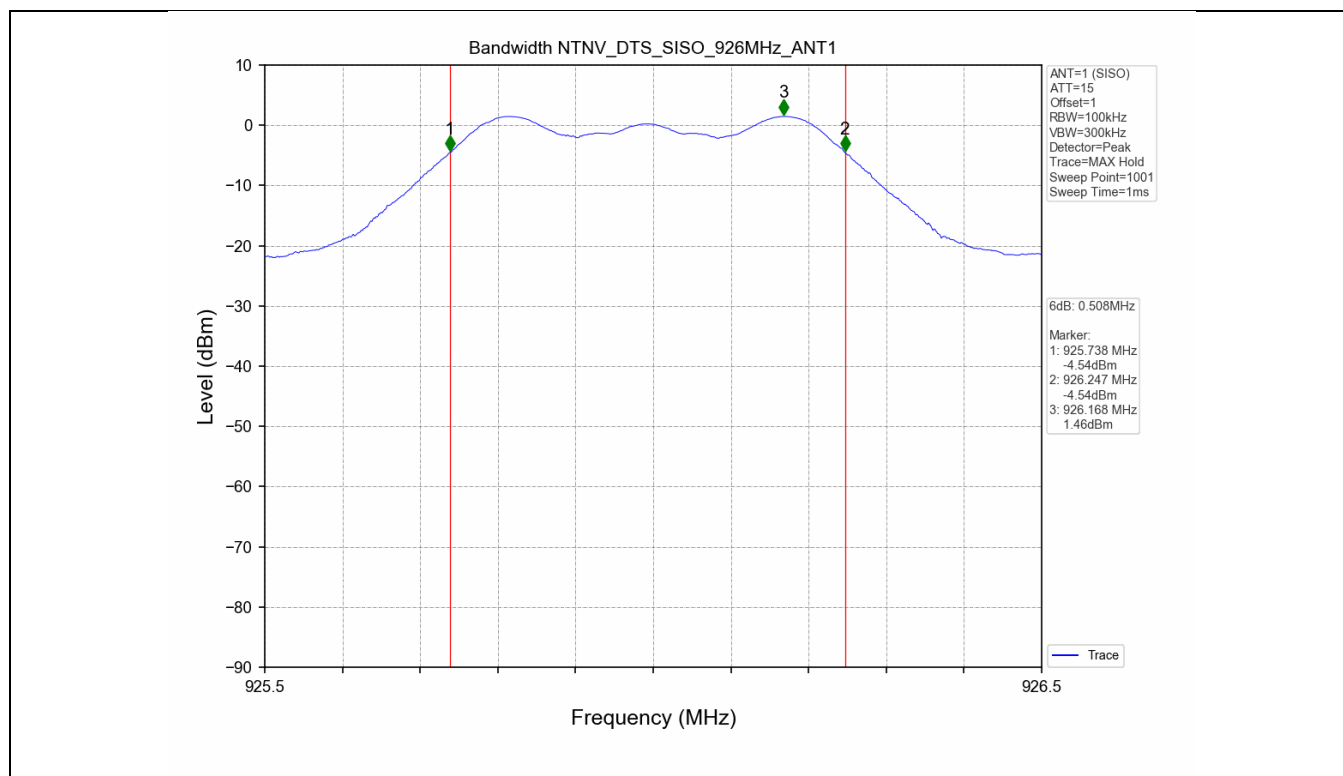
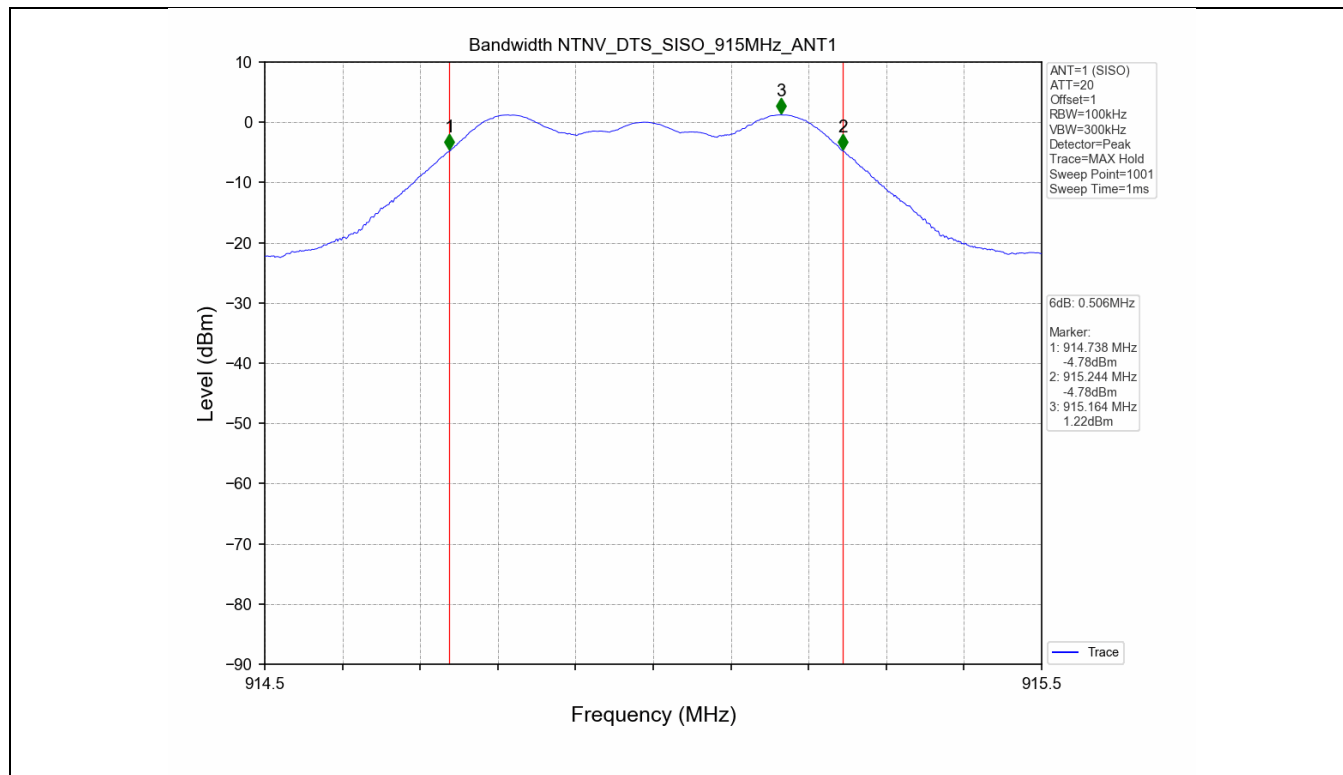
2.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
LORA	904	SISO	1	0.505	≥0.5	PASS
	915	SISO	1	0.506	≥0.5	PASS
	926	SISO	1	0.508	≥0.5	PASS

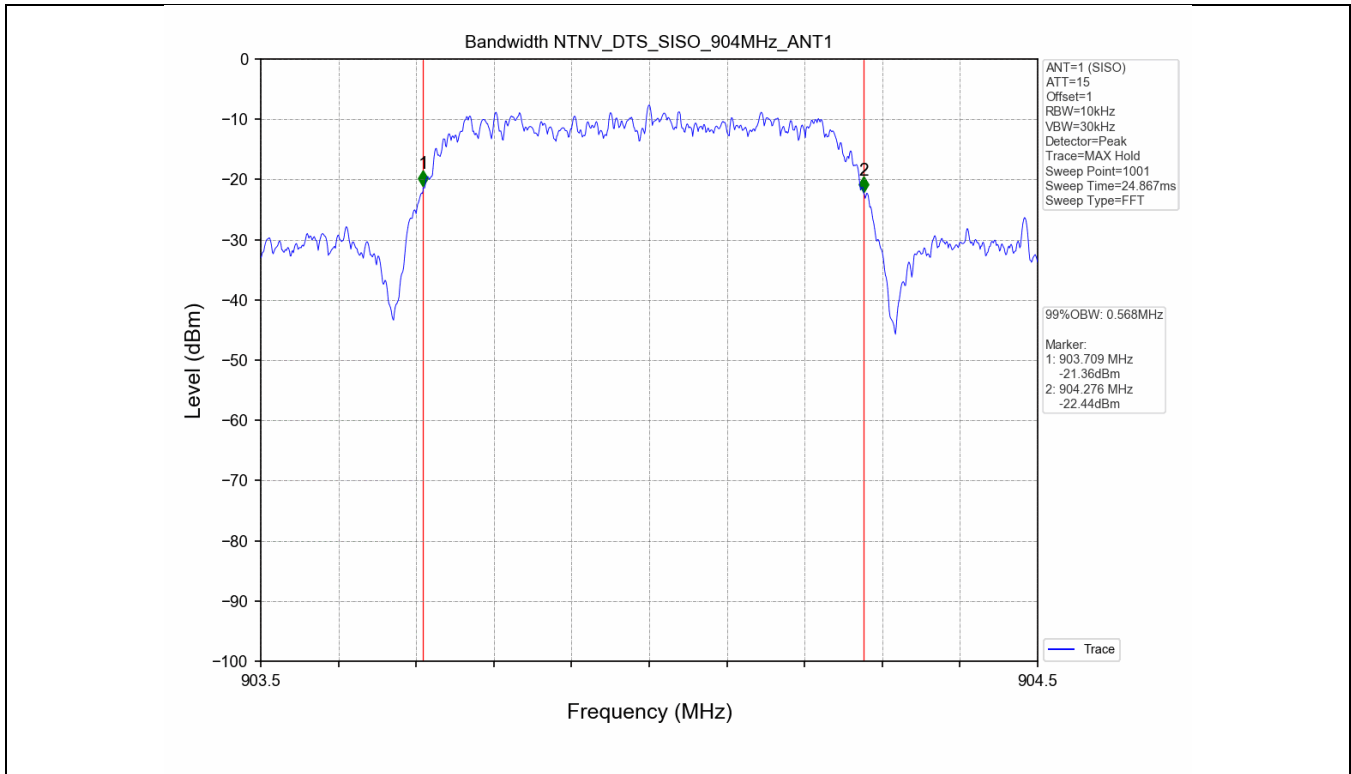
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
LORA	904	SISO	1	0.568	Only for Report Use
	915	SISO	1	0.565	Only for Report Use
	926	SISO	1	0.564	Only for Report Use

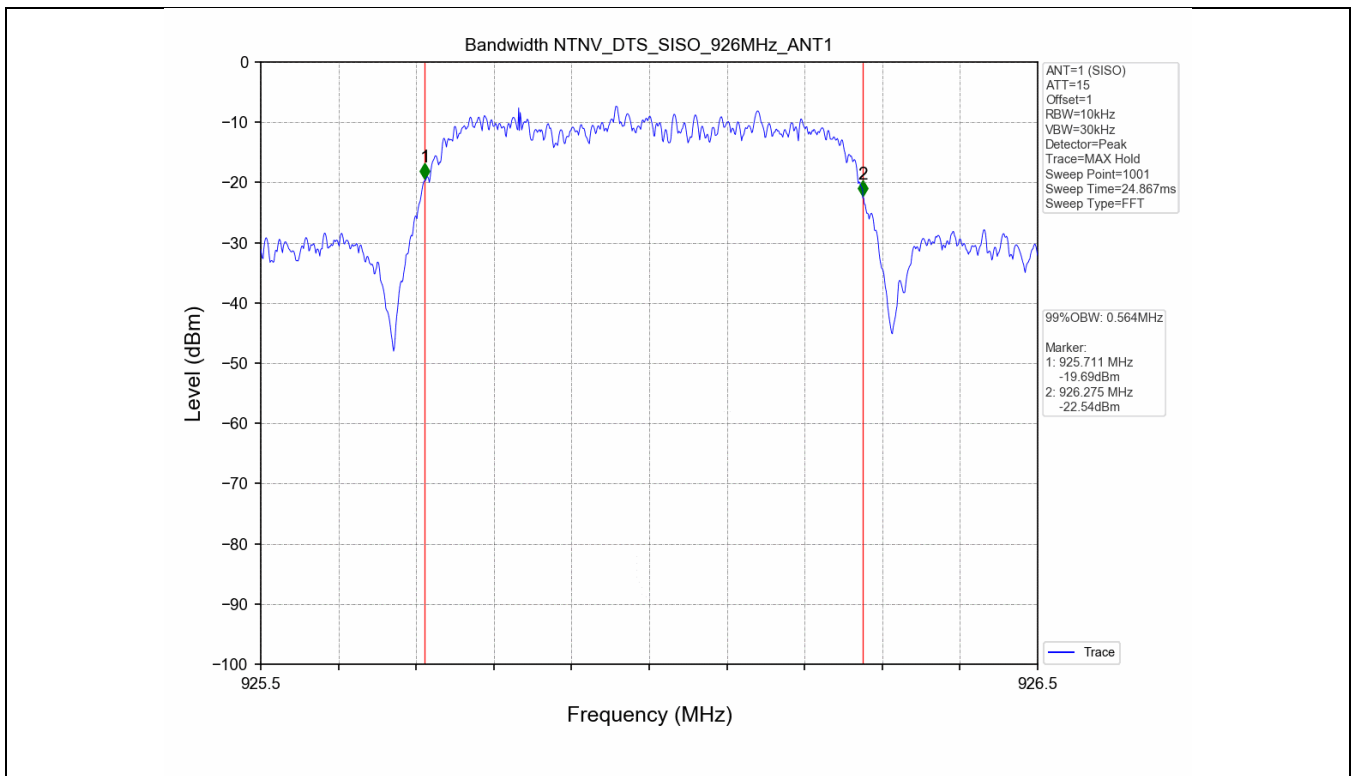
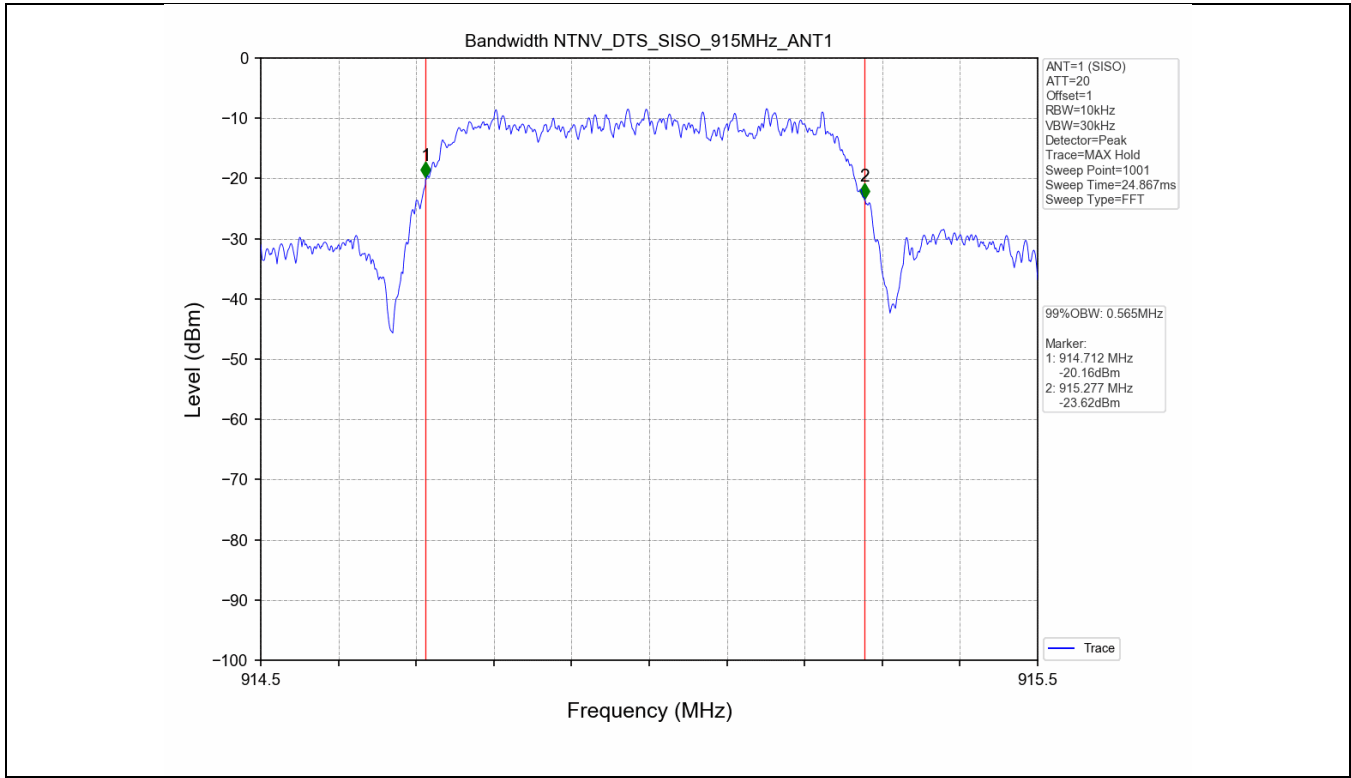
2.2 Test Graph - 6dB Bandwidth





2.3 Test Graph - 99% Occupied Bandwidth



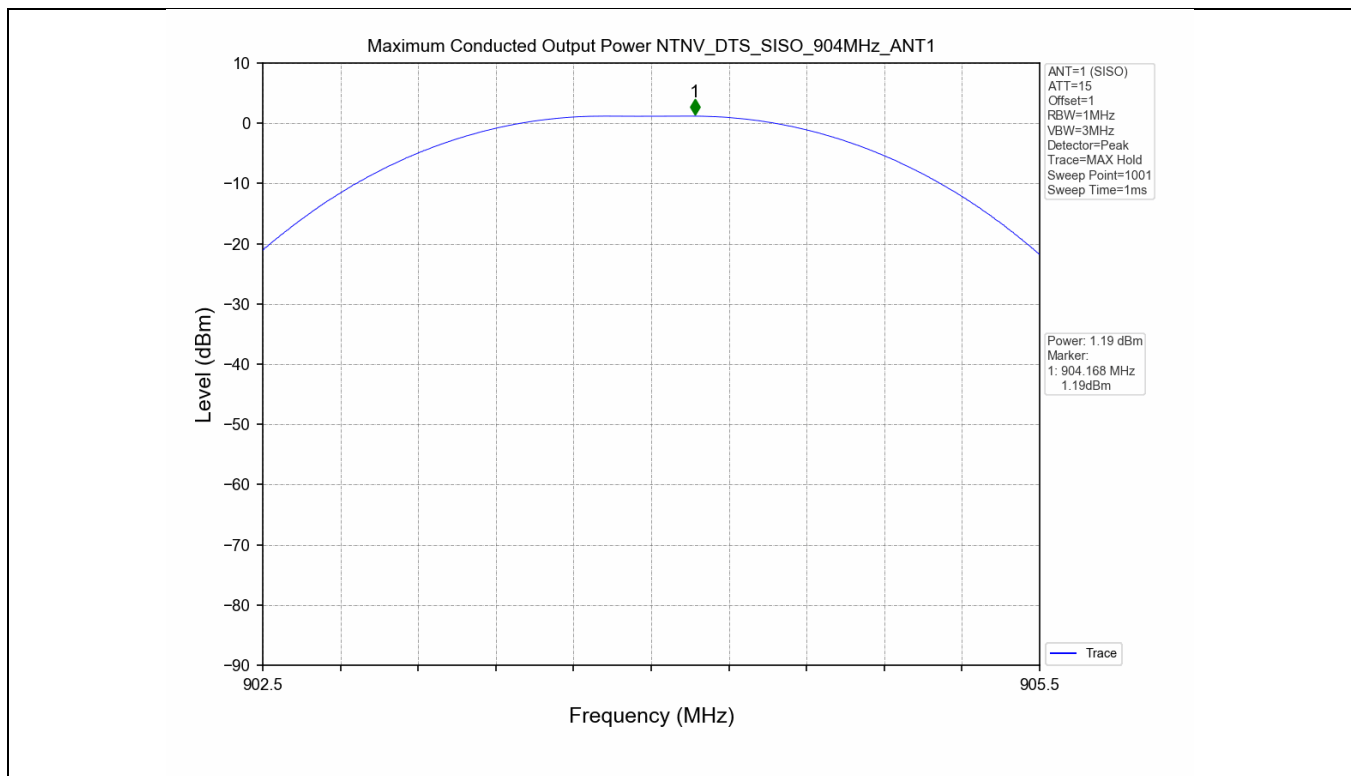


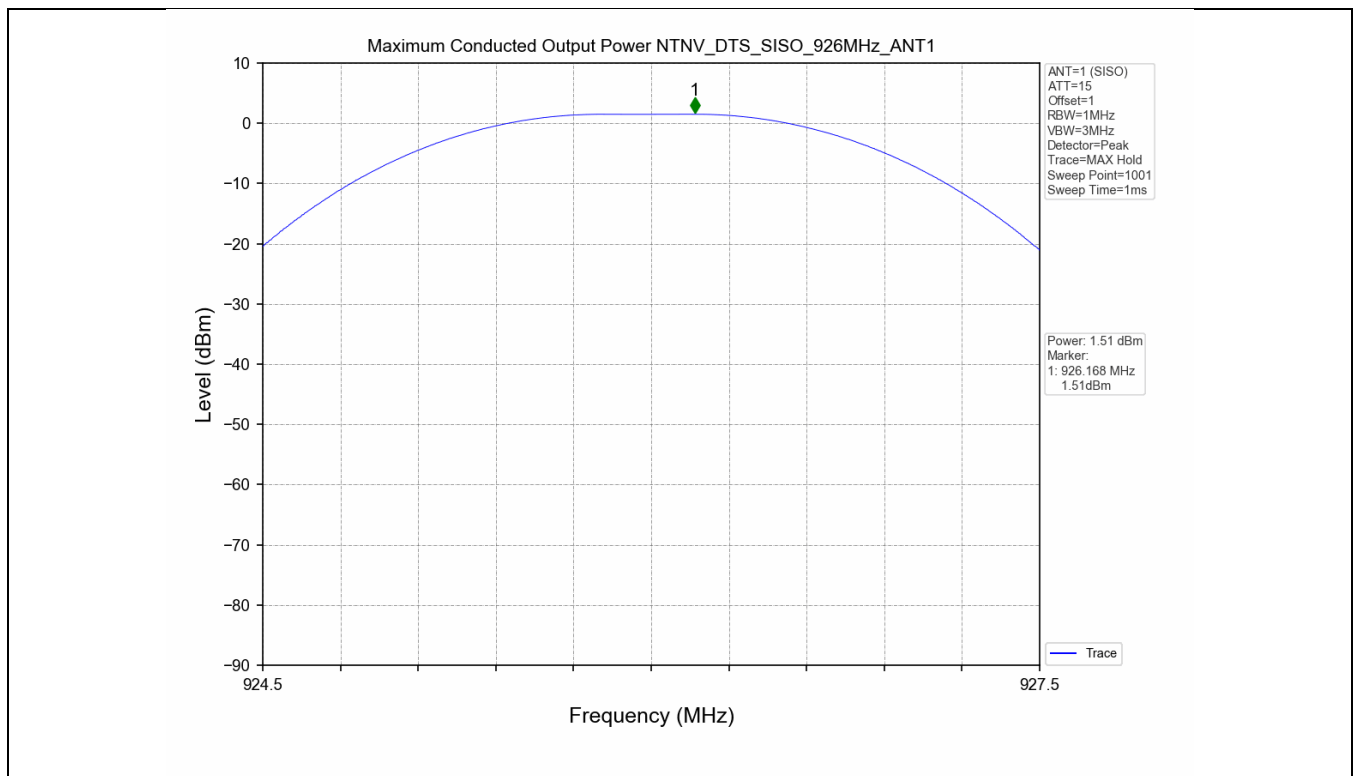
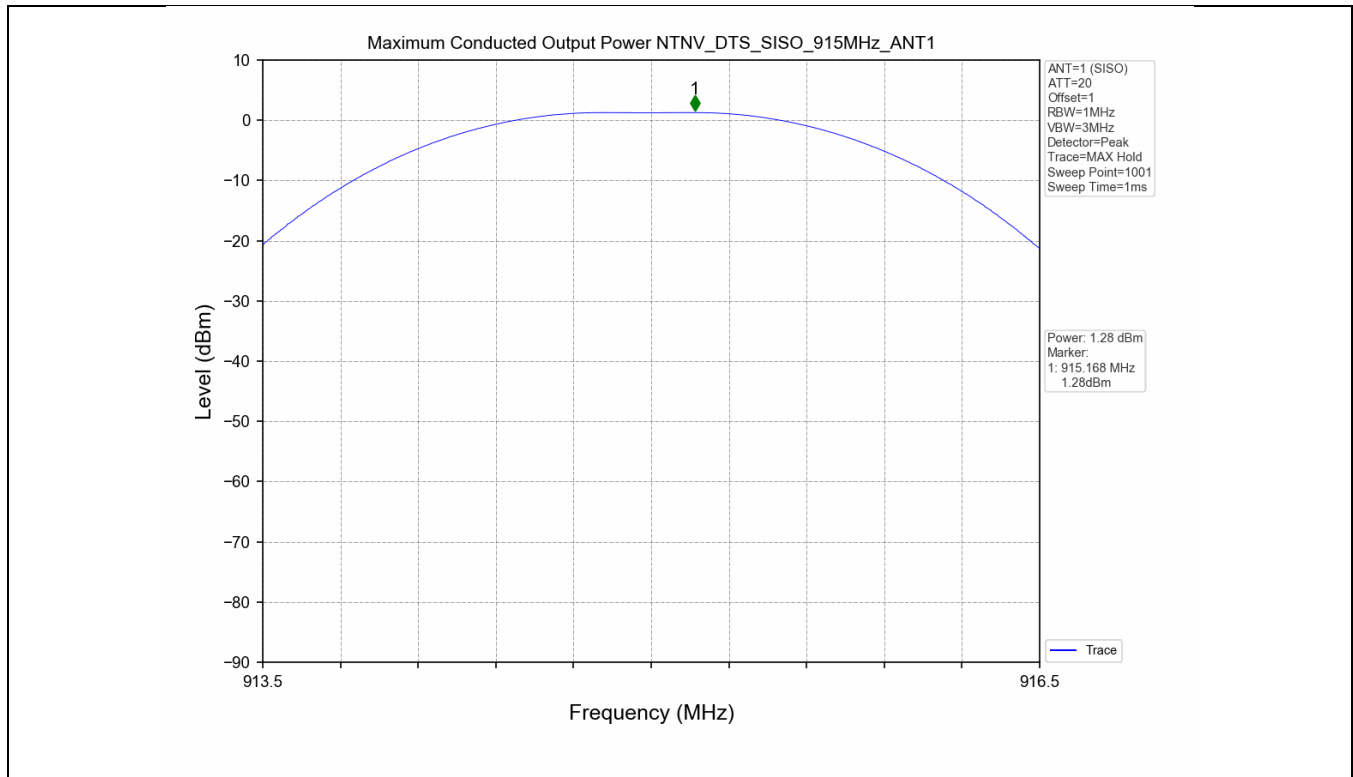
3. Maximum Conducted Output Power

3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
LORA	904	SISO	1.19	30	PASS
	915	SISO	1.28	30	PASS
	926	SISO	1.51	30	PASS

3.2 Test Graph



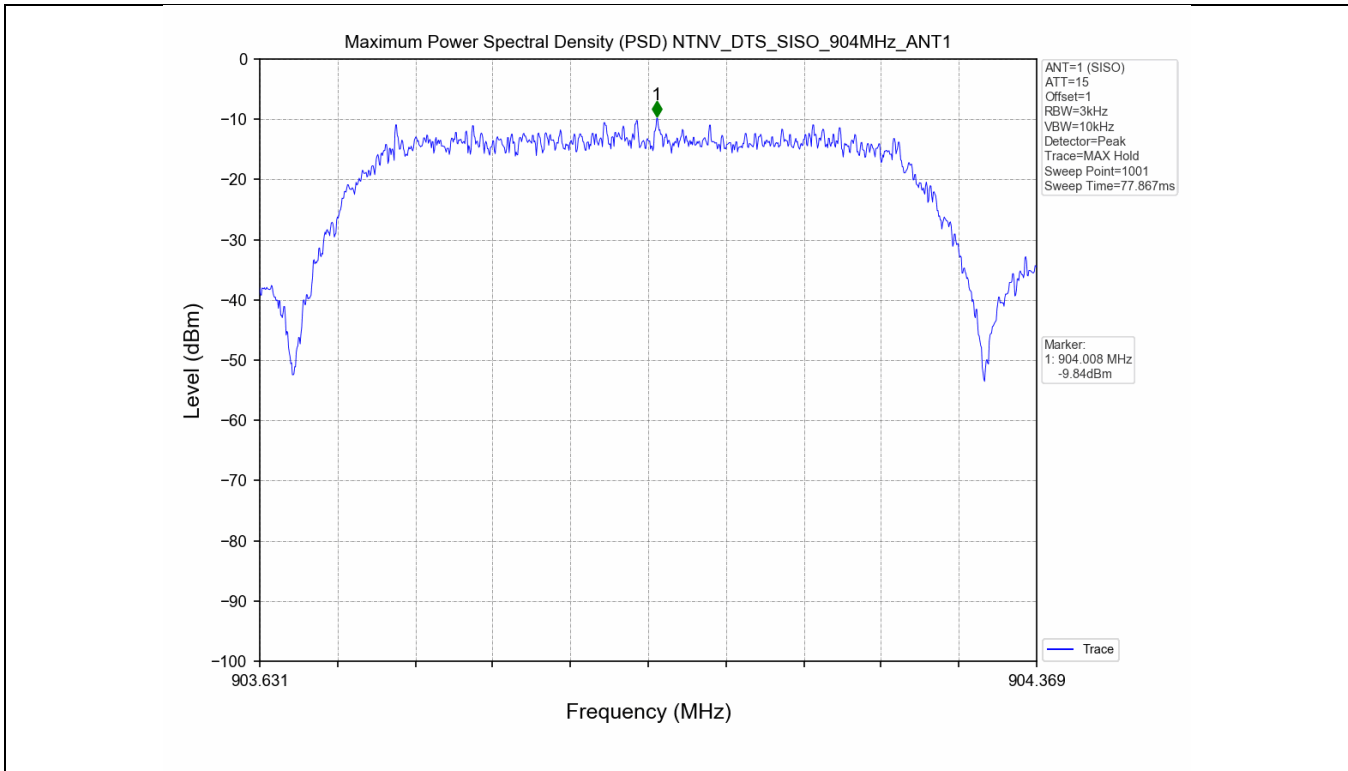


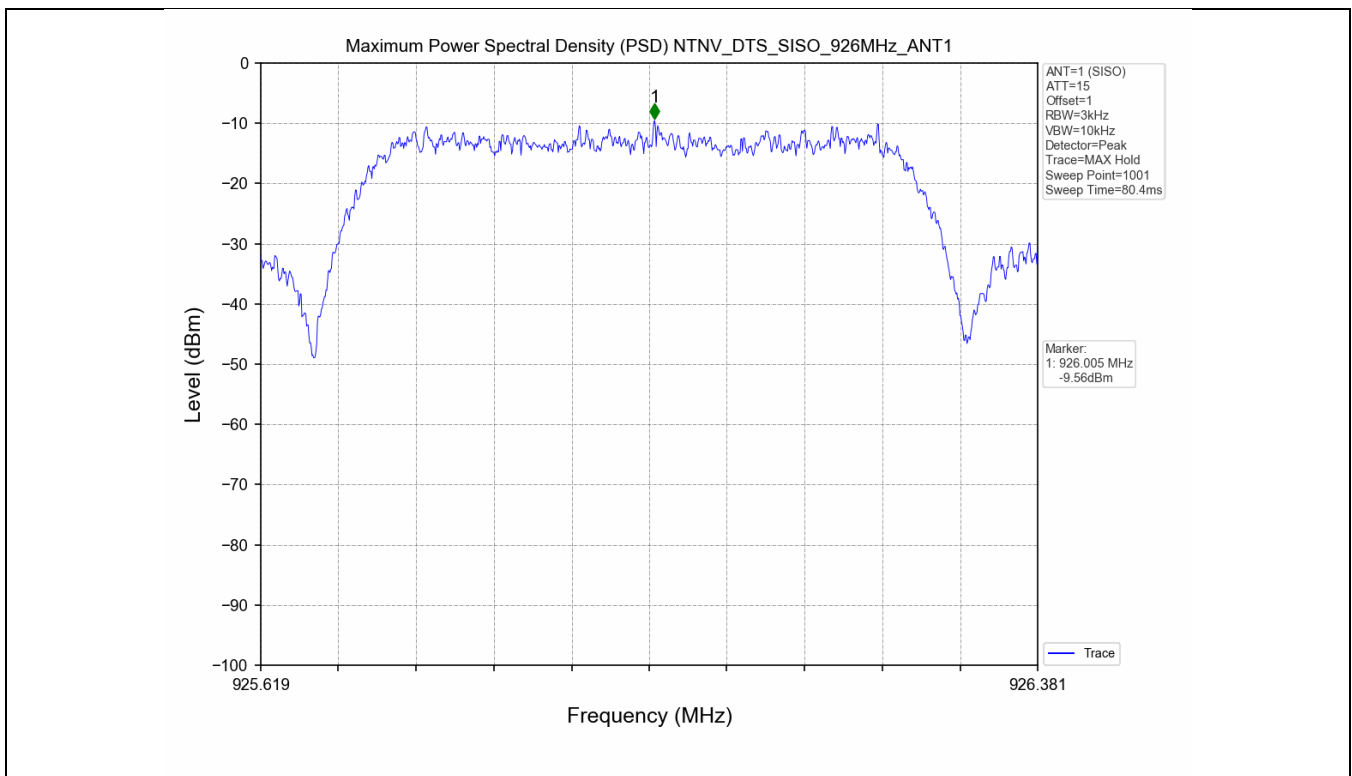
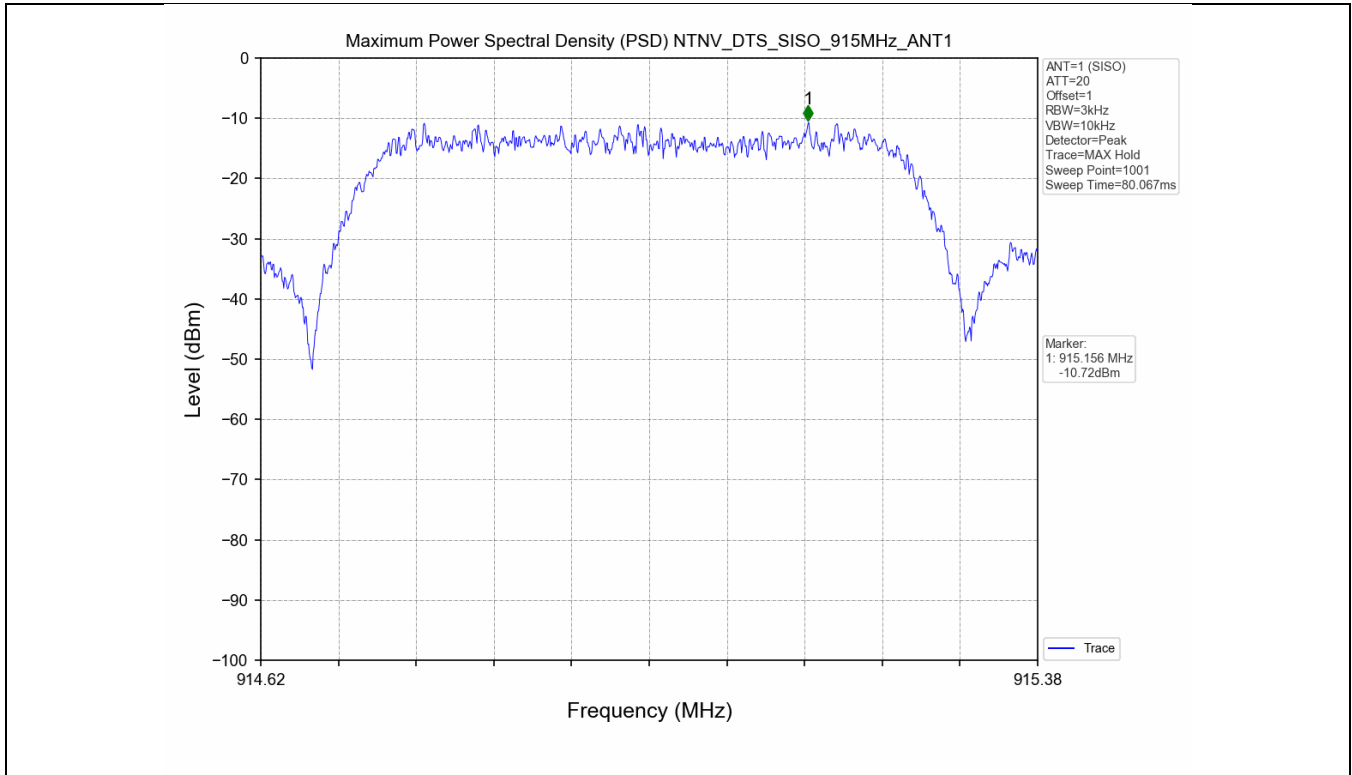
4. Maximum Power Spectral Density (PSD)

4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
LORA	903	SISO	-9.84	≤8	PASS
	915	SISO	-10.72	≤8	PASS
	927	SISO	-9.56	≤8	PASS

4.2 Test Graph





5. Unwanted Emissions in Non-restricted Frequency Bands

5.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
LORA	904	SISO	1	Refer to test graph	-18.54	PASS
	915	SISO	1	Refer to test graph	-18.54	PASS
	926	SISO	1	Refer to test graph	-18.54	PASS

5.2 Test Graph

