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Test Report

Prepared for: Tehama Wireless Design Group Inc.

Model: TW-112

Description: DC Powered Meter Data Transceiver

Serial Number: 81C00139

FCC ID: TS4-TW112

To

FCC Part 1.1310

Date of Issue: August 2, 2017

On the behalf of the applicant:	**Tehama Wireless Design Group Inc.** **423 Tehama Sreet** **San Francisco, CA 94103**
Attention of:	**James Orton, President** **Ph: (415)495-7344** **Email: jorton@tehamawireless.com**

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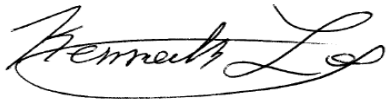

Kenneth Lee
Project Test Engineer

Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	August 2, 2017	Kenneth Lee	Original Document

ILAC / A2LA

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Non-accredited tests contained in this report:

N/A

EUT Description
Model: TW-112
Description: DC Powered Meter Data Transceiver
Firmware: N/A
Software: N/A
S/N: 81C00139
Additional Information: The EUT implements 3 modulations (FSK, LORA [DTS] and LORA [FHSS]), the worst case ERP was used for the MPE calculations.

MPE Evaluation

This is a portable device used in Uncontrolled Exposure environment.

Limits Uncontrolled Exposure 47 CFR 1.1310 Table 1, (B)		
	0.3-1.234 MHz:	Limit [mW/cm²] = 100
	1.34-30 MHz:	Limit [mW/cm²] = (180/f²)
	30-300 MHz:	Limit [mW/cm²] = 0.2
	300-1500 MHz:	Limit [mW/cm²] = f/1500
	1500-100,000 MHz	Limit [mW/cm²] = 1.0

Test Data

Test Frequency, MHz	906
Power, Conducted, mW (P)	184
Antenna Gain Isotropic	3dBi
Antenna Gain Numeric (G)	2
Antenna Type	Integral
Distance (R)	20 cm

$S = \frac{P * G}{4\pi r^2}$
Power Density (S) mw/cm^2

Power Density (S) =	0.0732134
Limit =(from above table) =	0.604

END OF TEST REPORT