Compliance Testing, LLC
Previously Flom Test Lab
EMI, EMC, RF Testing Experts Since 1963

toll-free: (866) 311-3268
fax: (480) 926-3598
http://www.ComplianceTesting.com
info@ComplianceTesting.com

Test Report

Prepared for: Q-Track Corporation

Model: QT-643 TX Tag

Description: Powered Asset Tracking Tag

Serial Number: 11

FCC ID: VJ3-QT-643-TAG

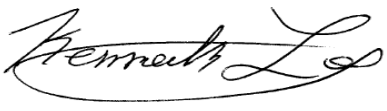
To

FCC Part 1.1310

Date of Issue: January 11, 2018

On the behalf of the applicant:	**Q-Track Corporation** **2223 Drake Avenue SW** **1St Floor** **Huntsville, AL 35805**
Attention of:	**Hans Schantz, Chief Technical Officer** **Ph: (256)489-0075** **Email: h.schantz@q-track.com**

Prepared By
Compliance Testing, LLC
1724 S. Nevada Way
Mesa, AZ 85204
(480) 926-3100 phone / (480) 926-3598 fax
www.compliancetesting.com
Project No: p17a0005



Kenneth Lee
Project Test Engineer

Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	October 13, 2017	Kenneth Lee	Original Document

ILAC / A2LA

Compliance Testing, LLC, has been accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF Communiqué dated January 2009)

The tests results contained within this test report all fall within our scope of accreditation, unless below

Please refer to http://www.compliancetesting.com/labscope.html for current scope of accreditation.

Testing Certificate Number: **2152.01**

FCC Site Reg. #349717

IC Site Reg. #2044A-2

Non-accredited tests contained in this report:

N/A

EUT Description
Model: QT-643 TX Tag
Description: Powered Asset Tracking Tag
Firmware: N/A
Software: N/A
Serial Number: 11
Additional Information: The EUT normally operates with a 100% Duty Cycle and transmits on a single channel.

SAR Exclusion

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 50 mm are determined by:

[(*max. power of channel, including tune-up tolerance, mW*)/(*min. test separation distance, mm*)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR,[25] where

• f(GHz) is the RF channel transmit frequency in GHz
• Power and distance are rounded to the nearest mW and mm before calculation[26]
• The result is rounded to one decimal place for comparison
• 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

The test exclusions are applicable only when the minimum *test separation distance* is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum *test separation distance* is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

Max Power in mW = 0.00000000276 mW
Min. Test Separation Distance = 5 mm
Frequency of Operation in GHz = 0.003086

$\frac{0.00000000276\ mW}{5\ mm}$ X [√f(0.003086)] = 0.00000000003066

END OF TEST REPORT