


## Introduction

This document detail integration requirements for the Dynamic Load Monitoring TW3.0-L module, FCC ID: 2ASHV-TW30L. The module is for integration into final product by Dynamic Load Monitoring (UK) Ltd and the module is not available for sale to end users.

The module has not been assessed for simultaneous operation with another transmitter

## Permitted antennas

The TW3.0-L module is fitted with a U.FL module and may only be used with the following antenna:

	<p><b>Molex 47950-2011 with integrated 200mm coaxial cable and U.FL connector</b></p> <p>WiFi (Dual Band) Antenna</p> <p>Adhesive Mount, (2.4 → 5 GHz)</p> <p>Antenna gain: 2.3 dBi</p>
--	---

## Power supply requirements

The module is to be powered from an external DC voltage in the range 3.2 to 4.2 V – typically from a 3.7V (nominal) Lithium Ion Battery. The power source must be capable of providing at least 200 mA.

## Integration with other products

The module contains integrated measurement circuitry for connection to a 4-port strain gauge

## FCC compliance

FCC ID:2ASHV-TW30L

## End product labelling

The final product shall be labelled “contains FCC ID:2ASHV-TW30L”

## Human exposure to electromagnetic field

The module complies with FCC RF exposure limits for general population / uncontrolled exposure at all separation distances

## Contacting Dynamic Load Monitoring

Dynamic Load Monitoring (UK) Ltd

Unit 3, Bridgers Farm

Southampton

SO16 0YA

United Kingdom