

FCC MODULAR APPROVAL LETTER



4/8/2014

Brian Bell
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2009 Skyhawk Court
White House, TN 37188

Federal Communications Commission Date:
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Gentlemen:

Viper Design submits the following description of the modular requirements of Part 12.212(a)(1) regarding compliance for the VDBTLE24DIH under FCC ID: 2AB7YVDBTLE24.

- (1) Single modular transmitters must meet the following requirements to obtain a modular transmitter approval.
- (i) The transmitter radio elements of the VDBTLE24DIH are completely shielded. The VDBTLE24DIH does not contain any tuning capacitors.
 - (ii) The VDBTLE24DIH contains a separate microcontroller that buffers the data to the radio IC. No direct data connection can be made to the transmitter IC which prevents excessive data rates or over-modulation.
 - (iii) The transmitter IC contains an internal power supply regulator.
 - (iv) The VDBTLE24DIH contains an integrated PCB etched meander antenna that is permanently attached and requires no installation or couplings
 - (v) The VDBTLE24DIH is tested in a stand-alone configuration. The VDBTLE24DIH may be battery powered since it is a low powered radio device. There are no accessories that accompany the VDBTLE24DIH.
 - (vi) **The** VDBTLE24DIH contains a permanently fixed label on the outer shield of the device to display the FCC ID number.
 - (vii) **The** VDBTLE24DIH's manual explains the normal operating procedures of the device.
 - (viii) **The** VDBTLE24DIH complies with the RF exposure requirements in their final configuration.

Sincerely,

Brian K. Bell

Brian Bell

Senior Design Partner
Viper Design, LLC