

# Operation to Avoid Interference with TDWR

Date: May 31, 2012

**Federal Communications Commission  
Authorization and Evaluation Division  
7435 Oakland Mills Road  
Columbia, MD 21046**

**Attn: OET Dept.**

**Product/ Model Number:  
SecureMesh CONN-1000-A and SkyPilot by Trilliant SP-4700-A**

Regarding the restrictions of operation for avoiding interfering with Terminal Doppler Weather Radar (TDWR) (used near major airports) when using the 5.4-GHz band, especially within 35 km (21.75 mi) of the TDWR

We declare that the device will meet the regulations outlined in Section 15.407 and follow the recommendations as outlined by the US FCC, NTIA and FAA regulatory agencies.

- We acknowledge receipt and understanding of KDB443999.
- We acknowledge that professional installation is required for operations in the 5470-5725 MHz band.
- We acknowledge within the installation manual that devices operating within 35 km of a TDWR installation shall be separated by a minimum 30MHz from the TDWR operating frequency.
- We will provide within our installation literature a table of TDWR stations operating within the United States and its territories. We will also encourage and require our professional installers to utilize the services of Spectrum Bridge, Inc. in providing up-to-date information on changes to this listing. <http://www.spectrumbridge.com/udia/search.asp>
- We acknowledge that there is no ability for end users or professional installers to change operating frequencies or output power to parameters outside of those specified on the Grant of Equipment Authorization.

Furthermore our professional installers will gain this expertise through the following training as is required by these regulations:

- Study of the product and published documentation
- Familiarization in a lab or test environment of the operation of the product
- Hands-on training of the product with an experienced installer

**Name: Paul Richards**

**Date: May 31, 2012**

**Title: Engineering Manager**

**Signature of applicant**



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