



RF INTERFERENCE PRODUCT REVIEW

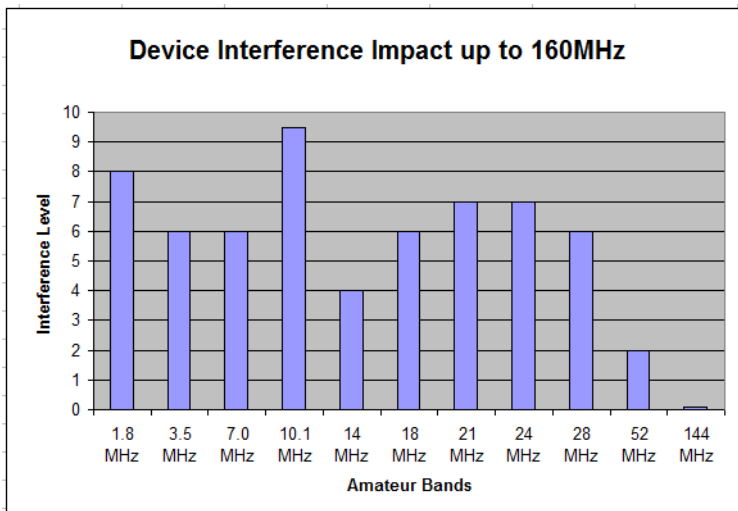
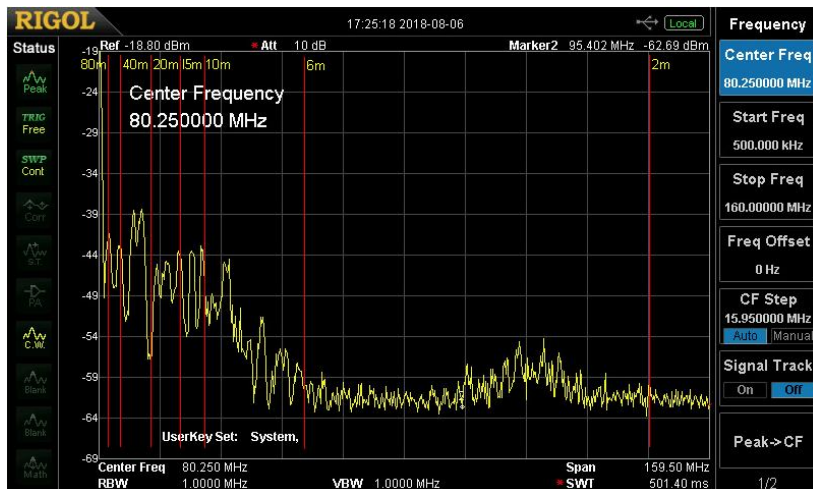
Document No: R-LF-003
Category: Lighting, Fixed
Power source: 85-277VAC
Description: 12W LED Downlight for indoor use (4 x 3W)
Supplier: Unspecified
Model & Part code: QH-LD3-4x3W
Assessment by: Ian Jackson, VK3BUF

Please note:

While this electromagnetic interference analysis has been carried out under controlled conditions, these are subjective reviews conducted on single product samples and results may vary. Purchasers and users of these products should form their own conclusions about the appropriate use of any items reviewed in these reports.

Comment

This is a very common 4 x 3 watt led configuration, driven by a very basic constant-current power supply. While it comes stamped with European and American compliance labelling, it wipes out all bands up to 6 metres, with another radiation area in the FM broadcast band 88-108 MHz. While it operates well as a room unit, it remains completely unsatisfactory anywhere near an Amateur Radio Station and should be avoided.



Recommendation:
 Poor product for Amateur Radio use