

Hi Andrew,

With reference to correspondence 31393 regarding the issue spurious radiated emissions please find an explanation of why this has occurred:

We have not applied 15.231 to this product. The EUT uses a TDMA modulation technique that means its fundamental frequency only dwells on each frequency segment for 3.98ms in every 100ms.

The guidance notes from the FCC issued specifically for testing this kind of digital transmission system allow for a pulse desensitization calculation to be made and the peak level adjusted to reflect this. The guidance notes actually refer to 'duty cycle correction' and this text has found it's way into the report so this may have confused the FCC assessor.

This is in the FCC technical guidance note for information, see section 15,247c (2).

The correction calculation is detailed in annex I of the test report.

Regards

Michael Gaukroger

Approvals Specialist