

Subject:

RE: Request for information for QBWRZIAD58

Date: Thu, 13 Jun 2002 08:00:29 -0500

From: Denise.Godfrey@nemkona.com

To: dennis@yosemite.net

Hi Dennis

I uploaded the following files yesterday to your site for the above application. Please also see Tom's response below to the query regarding peak transmit power.

Please let me know if everything is acceptable.

I also uploaded an application for Internet Telemetry yesterday and it is quite urgent. Could you find out who is doing the review for me? Not sure if it will be you or Tim.

Many Thanks, have a good day

Denise

) Peak transmit power is typically a conducted measurement. The FCC accepts two methods 1) use a peak power meter - 2) Use an analyzer with an RBW greater than emission bandwidth. Use a reduced video filter e.g VBW=emission bandwidth/30 (video filter). no video averaging is allowed. The test report has not clearly defined how this measurement was made. Please provide an explanation of how peak transmit power was made.

[Tom Tidwell]

The standard allows measurement with a RBW less than the emission bandwidth but requires that the emission be integrated over the entire bandwidth. The emission was measured using the channel power measurement function of the spectrum analyzer which integrates the total power over the 26 dB emission bandwidth. This arrives at the true peak rf power output as measured using an instrument calibrated in terms of equivalent RMS voltage as per the standard.