
From: Michael Nikishin [mailto:nikishin@hermonlabs.com]
Sent: Monday, June 07, 2004 10:30 AM
To: 'dward@americantcb.com'
Subject: RE: PIDAIRSPAN-700_ATCB001341 and PIDAIRSPAN-25G_ATCB001352

Hi Dennis,

We will measure MPE for both units, BSR and SPR, each connected to the antenna providing the maximum directional gain, at the OATS with wideband E-field probe FB2080 (80 MHz - 40 GHz), manufactured by Amplifier research connected to a field monitor via fiber optic. The test procedure will be as described below.

The EUT will be set to transmit at the maximum available to the end user power settings, under normal modulation condition at minimum data rate at the mid frequency of the assigned band. The E-field probe will be pointed to the EUT antenna zero azimuth at approximately 3 meters distance and slowly moved toward the EUT until E-field of 42.1 V/m equivalent to the maximum permitted power density 0.47 mW/cm² will be monitored. The obtained antenna to probe distance will be recorded as a minimum separation distance. Additional measurement will be taken at 2 meters distance to prove compliance with the MPE limit at expected minimum user to the EUT distance for fixed located equipment.

Please confirm or correct the suggested procedure.

Dennis, could you advise in which cases MPE measurements are required and in which cases calculations are sufficient.

I'll very appreciate your fast reply. Thank you.

Best regards.
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