

## Chris Harvey

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**From:** EMC [emc@itl.co.il]  
**Sent:** Wednesday, August 06, 2003 10:46 AM  
**To:** Chris Harvey (E-mail)  
**Subject:** RE: FCC ID Application for RACAM-TECH LTD. MT#14221



RE: FCC ID Application for RAC.. E51151.01.pdf (132 KB)

Ref: Your email of 05 August 2003 <<RE: FCC ID Application for RACAM-TECH LTD. MT#14221>>

Hi Chris,

Thank you for your response of 05 August 2003

In response to your comments please be advised:

1. Attached are the corrected tables for the tests in the report.

<<E51151.01.pdf>>

2. Prior to the final radiated emission tests, the E.U.T. was placed in three orthogonal axes for each position of the E.U.T. case. The antenna was also re-oriented. At the selected orientation, the emission was highest relative to the limit.

3. We corrected some of the limits as follows:

3.1. Within Restricted Bands:

The table of Section 15.209(a).

The final result is based on using peak detector reading minus D.C.F. (14dB). This was used for the whole frequency range (30-4300MHz).

3.2. Out of Restricted Bands up to 1GHz:

Fundamental limit -20dB per table of Section 15.231(b).

3.3. Out of Restricted Bands Above 1GHz:

For the Average limit: as in Section 3.2 of this document.

For Peak limit: as above (Section 3.2) + 20dB, based on section 15.35(b).

4. The maximum transmission "On" time in a 100msec. window is 20msec. See Section 4.2 of the report (Theory of Operation), therefore the D.C.F. factor is -14dB.

I hope that the above helps and again thank you for your prompt response.

Regards

Shaike Raz

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