

Re: FCC ID QLA800MHZ

> Applicant:
Mala

> GeoScience AB (publ)

> Correspondence Reference Number: 25692

> 731 Confirmation Number: EA813498

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>

> 1) A Photo of modification 1 was submitted on
> 1/22/03 and modification 2 was submitted on
> 6/25/03. The last reply indicates that modification
> 3 in Section 4.5 of the new test report is the only
> modification that will be made. Please verify that
> I can delete modification 1 and modification 2.
> Also, provide a photo of modification 3.

Yes you can delete modification 1 and 2.

A new document with modification 3 has been uploaded on your web.

>

> 2) For the UWB test, please provide the peak
> measurement data for Fl(144 MHz), Fh(1.570 GHz)
> and, Fm(820 MHz) at 1 MHz. Please indicate what
> test distance these measurements were. This is
> needed to verify UWB frequency range and the peak
> level(fm). The UWB bandwidth is taken from the 10
> dB points that are the furthest from the peak emission(fm).

Statement from our test lab

"

Fl=35 dBµV/m, 3 meter measurement distance

Fm=45 dBµV/m, 3 meter measurement distance

Fh=25 dBµV/m, 1 meter measurement distance recalculated for 3 meter distance

As the measurement properties are different below and above 960 MHz the Fh frequency have been estimated from the maximum background level at 960 MHz at the two measurements.

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> 3) The peak measurement must be corrected to 50
> Mhz. Please indicate what distance this test was
> made. Please make appropriate corrections to
> compare to limit at the proper distance.

Statement from our lab

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According to point 15.521 in the standard the peak emission limit shall be corrected to the measurement bandwidth used, due to this fact the peak level was not corrected to 50 MHz bandwidth but the limit for the peak level was corrected to the measurement bandwidth used (1 MHz) as can be seen in the testreport point 5.3.3. The measurement distance at Fm was 3 meters.

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> 4) Please indicate whether the EUT was kept within
> the boresite of the receiving antenna during all
> measurements. Specifically, was the receiving
> antenna adjusted to keep the EUT within the
> boresite of the receiving antenna when the antenna
> was raised to maximize emissions?

Statement from our lab:

"YES"

> 5) The confidentiality request includes the test
> report and internal photo's. These items cannot
> be held confidential. Please remove them from the
> list and submit a new confidential request letter.

In a letter dated November 7, 2002 our lawyer motivated our confidentiality request, for four pending applications, including this. FCC accepted this and I've got a written respond for all applications except this one. So, either have I dropped the letter somewhere or FCC didn't send me a letter. We are in any case seeking confidentiality for the same items as before and on the same grounds as before. The other applications I'm referring to are (FCC ID):

QLA250MHZ
QLAMID
QLA500MHZ

Best regards

Bernth Johansson