



PROTON

ISRAEL RADIATION PROTECTION LABORATORY LTD.

Measurement Report no. EA-2026

Level of Electromagnetic Fields

Prepared for : Sygnet Technologies Ltd.
Address : 35 Alfasy St., Jerusalem
Location : Ramat Efal
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1. General

On 04/04/01 we conducted, at your request, in the Proton laboratory comparison measurements of the electromagnetic fields of the following cellular communication devices:

1. StarTac cellular phone (without a headset).
2. StarTac cellular phone with a standard headset (model PT 203) manufactured in Taiwan.
3. StarTac cellular phone with Sygnet's RadFree™ headset.

2. Measurement devices

The intensity of the electrical field and the magnetic flux were measured using a Low Frequency ELF/Power Survey Meter manufactured by Holaday Industries Inc., U.S.A. Model: HI-3504 with fiber optic remote control HI-3616.

3. Conclusions

The electromagnetic radiation level recorded near the ear when using Sygnet's RadFree™ headset was 80% lower then the standard headset, and 98% lower then the radiation emitted by the cellular phone when used without a headset.

Sincerely,

Vladimir Butenko, Ph. D.

Scientific manager

