



23 June 2006

Ref: US000122

To FCC

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Overall Assessment Letter for E28 Ltd Rainbow R2811

FCC id: T6LR2811

I have reviewed the application and find it compliant.

The product is a GSM/PCS quad-band phone which supports 850, 900, 1800 and 1900 MHz frequencies. Only the 850 and 1900 frequencies have relevance to the USA.

Please note the following which were addressed during the assessment:

1: Agent's Letter.

There was no formal letter from E28 authorizing SGS to act as their agent. This has now been received.

2: Confidentiality Letter.

The original letter was not on E28 company paper. A revised version has now been received.

3: Label.

A drawing of the approval label had not been supplied showing the FCC identifier and other marks. This has since been provided.



4: User Manual.

The user manual did not have a statement warning the user about changes or modifications and there was no declaration in respect of Section 15.105. A revised manual was submitted containing appropriate statements.

5: Co-transmission.

The phone also has a WLAN function and so a statement was requested confirming that co-transmission is not possible.

6. Tune-Up.

The original submittal had no information about tune-up procedures. This information has now been obtained.

7. Technical Report.

The DSSS report did not include tests with WLAN + GSM 850. References to GSM 900 were amended, further results were included and the report re-issued.

8. SAR report.

The following items were missing from the original report:-

- a) The equipment supports a headset so the Body SAR tests must be performed with the Headset connected.
- b) If the equipment supports a neck worn lanyard (page 7 of user manual) then this body position must also be evaluated and test results provided.
- c) The test report must indicate if the sample tested is production or identical prototype (47 CFR §2.908).
- d) A description of the SAM phantom is required.
- e) Tissue liquid dielectric properties are needed.
- f) Description of device holder for transmitters is necessary.
- g) SAR measurement procedures including coarse scan must appear in the report.
- h) Description of test position is required.

The SAR report was re-issued which corrected all the above points.

8.1 General

The product was tested for both Head and Body SAR.

The highest reported Head SAR for the product was 0.985 W/kg

The highest reported Body SAR for the product with 1.5 cms separation was 0.122 W/kg

I have reviewed the SAR using the FCC supplied Checklist.
I underwent the FCC SAR evaluation training at BABT in May 2006 .

Yours sincerely



Tom Twynam
Principal Certification Engineer