

18-34, Sanbon-dong, Gunpo-city, Gyeonggi-do, 435-040, Korea

To: Steven Dayhoff (<u>Steven.dayhoff@fcc.gov</u>) /FCC Equipment Authorization Branch

Date: May 10, 2005

From: Kew-Seung.Lim (<u>albert.lim@sgs.com</u>) /Lab manager of R&TTE Div

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Applicant :	Rexon Technology Corp.
FCC ID :	I7ORL328V
Correspondence Reference Number :	28869
731 Confirmation Number :	EA915331

Subject : Reply for FCC's Info Request dated 5/3/2005

Q1) Per SAR plots we assume the dipole data uses EMC3121 variable-length dipole or similar – what was dipole tuned length ?

A1) Totally tuned length of dipole is 1 m. We adjusted with 150 MHz, so 50 cm + 50 cm = 1 meter, and we proceeded the test for all channel with this length. As you know, the distance from antenna to phantom is 25 mm.

Q2) What is length of PTT device from end-to-end ?

A2) About 20 minutes of TX.

Q3) What was output power into dipole, and was that from connection to PTT device ?

A3) We input 4~4.5W into dipole which comes from EUT, and we proceeded test with connection by BNC cable directly. (Attenuation : 0.45 dB)

- Q4) Explain how target value was derived.
- A4) We proceeded validation test at 300 MHz. The length of dipole antenna was 42 cm (21 cm + 21 cm. The distance from antenna to phantom was 15 mm. Please refer to "validation test block diagram" on next page.

If you have further questions feel free to contact me.

Regards,



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[Attachement : SAR validation test block diagram]

