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/FCC Equipment Authorization Branch

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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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[Attachment : SAR validation test block diagram]

300 MHz SAR Validation Test

