From: David Chernomordik ES-Mpk
Sent: Tuesday, November 01, 2005 8:40 PM
To: Roland Gubisch ES-Box
Subject: FW: TCB certification application UTStarcom FCC ID: S52P1900-1

Hello Roland,

Here is the respond to the first two items, provided by the Applicant:

1. DC voltage and current to the final RF transmit stage is 4.5V/450mA.
2. Each sector can transmit a single CDMA "carrier" at up to 100mW.

Regarding the item 3:
a) conducted output power was measured by using the spectrum analyzer build-in CDMA facility,
   which provides an average power measurement - channel power in 1.288 MHz bandwidth.
b) antenna conducted out-of-band and spurious emissions were measured with average detector - sampling averaging
c) Spurious radiated emissions were measured with resolution bandwidth of 30 kHz, video bandwidth of 300 Hz. A Bandwidth Correction Factor of 10Log(1250/30)=16 dB was added to the spectrum analyzer reading. This is equivalent of average radiated power measurement.

Thanks
David

> -----Original Message-----
> From: Roland Gubisch ES-Box
> Sent: Tuesday, October 25, 2005 1:00 PM
> To: David Chernomordik ES-Mpk
> Cc: Terre Wolak ES-Atl
> Subject: TCB certification application UTStarcom FCC ID: S52P1900-1
>
> David,
>
> Technical review of this application is complete and the following points are noted:
>
> ADMINISTRATIVE
> 1) 2.1033(c)(8) DC voltage and current into final RF stage cannot be found; please indicate where located, or provide.
>
> TECHNICAL
> 1) This device has 3 sector outputs. Is the 100 mW output per sector? Does this transmitter support more than one carrier per output?
> 2) Is the detector type used for output power the same as for spurious emissions? What is the detector type?
>
> Certification can proceed as soon as these issues are addressed.
>
> Thank you,
> Roland
>