Responses to TCB questions

> -----Original Message-----
> From: Barry C. Quinlan [SMTP:certification@curtis-straus.com]
> Sent: Wednesday, October 25, 2000 1:58 PM
> To: Tom Tidwell
> Subject: MIVCDP06PS
>
> Dear Tom,
>
> Thank you for the Nextcell FCC registration application package. The
> following points needs to be resolved:
>
> 1. The part 15 report lists equipment which is significantly beyond its
> one year calibration anniversary. Please explain.
[Tom Tidwell] The Test Equipment List was created from our database but it appears the spreadsheet links were not updated before the table was created. As a result current calibration dates were not pulled into the table. I have attached here a corrected report with the correct calibration dates.
<<0L0278RUS3PT15REPORT.pdf>>
>
> 2. For information only. We think that you have a misunderstanding in
> applying the RF Exposure rules. You state that this device has a power
> density of .25mW/cm2 with a limit of .557mW/cm2. You point to the 30
> minute averaging time allowed and then go on to derive a maximum
> permissible exposure time of 67 minutes. According to OET 65 page 10
> paragraph 4 and the continuance on the next page, the interval
> represents a sliding averaging period. Thus this device with a
> 0.25mW/cm2 power density could operate forever without violating the
> 0.557mW/cm2 limit in any 30 minute period. The equation quoted works
> for times less than the exposure averaging period, but cannot be
> extended beyond the specified averaging period. Let's look at a
> theoretic limit case to illustrate the point. Assume that we have a
> medical transmitter on us for a period of weeks as we recuperate in the
> hospital. Applying the equation as you have done would require that the
> transmitter be of virtually zero power.
>
> 3. We could not find a tune up procedure for this device. A tune up
> procedure is required by 2.1033 (c) (9). Please supply it or explain
> that the device is not tuned up after assembly.
[Tom Tidwell] The tune-up is performed with a software routine during manufacture. There is no manual adjustment requiring human intervention.
> 4. Please supply schematics.
[Tom Tidwell] Attached are the schematic files along with a request for confidentiality. The fee for the confidentiality can be charged to the same VISA card.
> <<confidentiality request.jpg>> <<SageDigital_P3_Sch.pdf>>
> <<SageDisplaySch_11.pdf>> <<SageRF_SCH_all.pdf>>
>

>
> Best regards
>
> Barry C. Quinlan
> Certification Manager
> Curtis-Straus LLC