

from **Tim Dwyer** <Timothy_Dwyer@ieee.org>
to
date
subject
mailed-by

[hide details](#) Dec 13 (1 day ago)
Y.G.
Gwon <ykkwon@onetech.co.kr>
Dec 13, 2006 6:37 AM
Re: Correction for Samsung.
gmail.com

Dear Mr. Gwon,

On 12/13/06, **Y.G. Gwon** <ykkwon@onetech.co.kr> wrote:

Dear Tim,

Thank you for your kind comments, but I have some questions regarding your comment Q1, Q4 and Q5 (b)(2).

My reply to your questions is inside your email.

1. I think the PCS repeater shall be subject to Part 24E also, but I think the repeater does not meet the requirement, 24.815

Under 24.815, the licensee of the transmitter is responsible to maintain a list of transmitter locations. I suspect this requirement may be the reason for the GPS receiver in the product, but how this will work needs to be explained in the application.

I think you have many experience, so please explain me how to clear this issue for the repeater.

2. What 's the meaning of FCC 3G review policy must be followed?

Because of the very large number of possible operation modes, FCC developed a policy which TCB's must follow to certify 3G devices. Mostly this is to ensure that all modes of operation have been evaluated and that the application reports the highest levels of power, bandwidth, spurious emissions, RF exposure and other parameters.

3. Please advice me the meaning of Justification of final subset tested in Q(5)(b)(2) in detail.

In order to meet the requirements of the 3G policy, the application must include justification for the modes selected for testing. So first, details of all possible modes (RC/SO according to 3G specifications) of operation must be included. Next, preliminary tests must be done on various modes of operation. The results of the preliminary tests are used as a basis to support which modes were selected so that maximum power, bandwidth, spurious emissions, etc. are reported. In 5.4 of the report, there is only a general statement about maximum configuration. Much more detail is needed.

Also I noticed in my email, I repeated Q5(b)(2). The second occurrence should be Q5(b)(3).

The following link is to the FCC 3G SAR document. Although your device is not subject to SAR, the document includes many details about the possible modes of operation for 3G devices. Your device may not be capable of all modes of operation, but all possible modes of operation must be described and included in the evaluation of the product.

http://gulfoss2.fcc.gov/prod/oet/forms/blobs/IDBretrieve.cgi?attachment_id=21196

I hope this answers your questions.

Best regards,