

Courtenay Geraghty

From: walwoon Jang [wwjang@samsung.com]
Sent: Monday, July 11, 2005 7:08 AM
To: ???; al@pctestlab.com; butch@pctestlab.com; courtenay@pctestlab.com
Cc: Brian Jang; ???; ???; ???; ???; ???; ???; ???; ???; ???
Subject: An application of FCC approval(SGH-N500)
Attachments: SCH-N500 FCC Document.pdf; SAR REPORT(SCH-N500).pdf

Hello Courtenay

This is the answer mail to your inquiries about the status of f FCC approval for SGH-N500 which has multi models from SGH-N501 to N504.

Please note our responses to your inquireies below:

1. Please provide the schematic diagrams for the EUT.

A) Please find the attached FCC document to which we added the schematic diagrams for the EUT.

2. Does the EUT employ the cdma2000 chipset? If so, please provide a table showing all of the available RC/SO configuration options for the EUT, and explain if performing the SAR tests using the test codes represents the worst case (i.e., the highest sustained output power).

A)

When perform the SAR test, we always use test mode and this note is written in the test report which had been sented last time.

(P18) 8. SAR MEASUREMENT RESULTS > Device Test Conditions

And also in the each page of the Mesurement result. (Note 7)

1. Here is a table listing all of the available SO and RC combinations for SCH-N500.

	RC1	RC2	RC3	RC4
SO2	O (24.40 dBm)	X	O (24.46 dBm)	X
SO3	O (24.40 dBm)	X	O (24.41 dBm)	X (24.39 dBm)
SO9	X	O (24.46 dBm)	X	O
SO55	O (24.33 dBm)	O (24.45 dBm)	O (24.47 dBm)	O (24.33 dBm)

Conduction powers for all of those configurations are less than declared maxmum output power, include voice options.

3. FYI: In the future, when using the channel power measurement function, set the integration bandwidth equal to the measured occupied bandwidth of the emission. For example, if the occupied bandwidth is 1.27 MHz, the integration bandwidth should be set to 1.27 MHz, so that the channel power measurement is x dBm / 1.27 MHz. If the integration bandwidth is set to a value narrower than the occupied bandwidth, the channel power measurement will not include some of the energy in the emission, and be lower than it should be. If the integration bandwidth is set wider than the occupied bandwidth, then the channel power measurement will include energy from the noise outside of the emission, and be higher than it should be.

The items indicated above must be submitted before processing can continue on the above referenced

7/11/2005