

Produkte
Products

RF Exposure Statement: 50003239 007		Page 1 of 1												
Client:	TECHTOM Ltd. Shiba Bldg. 5F, 5-3-11 Chuo, Nakano-ku, Tokyo 164-0011, Japan													
Test item:	Vehicle Management Device 20													
Identification:	CS20-**F-**-* (Refer to test report 50003239 006 by TUV Rheinland Japan Ltd. for details.)													
<p>FCC Requirement</p> <p>According to FCC 2.1091, mobile equipment must comply with the following applicable limit for maximum permissible exposure (MPE) specified in FCC 1.1310:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="padding: 5px;">Equipment Use</th> <th style="padding: 5px;">Frequency Range</th> <th style="padding: 5px;">Power Density [mW/cm²]</th> <th style="padding: 5px;">Average Time [min]</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">General Population / Uncontrolled Exposure</td> <td style="padding: 5px;">300MHz – 1.5GHz</td> <td style="padding: 5px;">f [MHz] / 1500 (f = operation freq.)</td> <td style="padding: 5px;">30</td> </tr> <tr> <td style="padding: 5px;">General Population / Uncontrolled Exposure</td> <td style="padding: 5px;">1.5 – 100GHz</td> <td style="padding: 5px;">1</td> <td style="padding: 5px;">30</td> </tr> </tbody> </table> <p>Assessment Result</p> <p>The Equipment Under test (EUT) contains a cellular/PCS module that was already tested and certified for mobile applications according to applicable FCC requirements under FCC ID: N7NSL9090. The maximum gain required by the cellular/PCS module to satisfy RF exposure compliance is 7.5dBi at 850MHz and 3.5dBi at 1900MHz.</p> <p>The EUT antenna gain is 2.5dBi, which meets the antenna requirements of the cellular/PCS module. Therefore the device complies with the FCC RF exposure requirements for mobile applications (separation distance of at least 20cm from all persons).</p> <p>Refer to application FCC ID: N7NSL9090 for details on the RF exposure assessment performed on the cellular/PCS module.</p>			Equipment Use	Frequency Range	Power Density [mW/cm ²]	Average Time [min]	General Population / Uncontrolled Exposure	300MHz – 1.5GHz	f [MHz] / 1500 (f = operation freq.)	30	General Population / Uncontrolled Exposure	1.5 – 100GHz	1	30
Equipment Use	Frequency Range	Power Density [mW/cm ²]	Average Time [min]											
General Population / Uncontrolled Exposure	300MHz – 1.5GHz	f [MHz] / 1500 (f = operation freq.)	30											
General Population / Uncontrolled Exposure	1.5 – 100GHz	1	30											
TÜV Rheinland Japan Ltd. – Global Technology Assessment Center 4-25-2 Kita-Yamata, Tsuzuki-ku, Yokohama 224-0021, Japan														