RT for FCC – 1st Communication

1. Is the 1 dBi antenna listed in this filing the only antenna that will ever be used with the module?
   Yes.

2. The dc voltages applied to and dc currents into the several elements of the final radio frequency amplifying device for normal operation over the power ranges has not been provided as required by CFR47 2.1033(c)(8). Please provide these values.

3. It does not appear that a Tune-up procedure has been provided as required by CFR47 2.1033(c)(9).
   For comment 2 and 3,could you please explain it clearly ? and we can follow your way.

4. The part 22-24 test report lists the 99% bandwidth. However, the specific FCC rule parts ask for the 26 dB bandwidth. The 99% and 26 dB bandwidth are not the same. Please provide the 26 dB bandwidth and update test report.
   Updated as attached "SHEMO09120140805 22 24 report_v2"

5. The modular approval cover letter requirements are wrong. These requirements are for un-licensed transmitters. The current filings are for licensed bands. There are separate requirements (less stringent) for licensed transmitters.
   For this issue,could you please inform us whether we need not to fill the modular approval cover letter when we approval this licensed bands?
   If you require us fill the cover letter,what item need to fill?
   Because the client filled the cover letter following the rule of project before.

6. Please clarify if the module is only for vehicular use.
   The module is not for vehicular use.

RT for FCC – 2nd Communication

#2 – the dc voltages and currents into and out of the final amplifier stages of the radio. Basically, provide a schematic or block diagram with the voltage levels and currents to and from the amplifiers or write a paragraph or two stating the values.
PA USE VBAT as power supply directly

#3 – A tune up procedure is a procedure used at the factory to make sure the power levels of the radio are within tolerances. In other words, how does the manufacturer make sure that the power levels are within tolerances?
Updated as attached "SIM900_Ture-up procedure.pdf"

#5 – Incorrect Modular approval letter was submitted.
Updated as attached "Modular Approval Letter"

RT for FCC – 3rd Communication

Item #2 in the licensed modular approval requirements is incorrect. The maximum antenna gain to allow compliance with RF exposure requirements are 7.3 dBi for the 850 GSM band and 18.7 dBi in the 1900 PCS bands. Please update the document with these values.

The attched is updated

RT IC – 1st Communication

1. Please confirm that the measured Level specified in the receiver spurs tables (IC test report) include cable corrections and antenna correction factors.
   Updated as attached" SHEMO09120140807 ic_fcc report_v2"

2. The IC label is incorrect. The proper label should state "IC: xxx" and not "IC ID: xxx".
   Updated as attached "SIM900 Label"

3. Please correct the Industry Canada package, Appendix B, with the values I have listed on this check sheet.
   Updated "TCBJ FORM-9 IC 7-17-09 - Industry Canada Package_0203"

4. The 99% bandwidth has been measured incorrectly. The resolution bandwidth should be set to 1% of the span as is possible without being below 1%. Please refer to section 4.6.1 of RSS Gen. Please update test report.
   Updated as attached" SHEMO09120140807 ic_fcc report_v2"

5. The RF evaluation should be marked for General Public Use. Additionally, the standard used for evaluation is incorrect.
   Updated "TCBJ FORM-9 IC 7-17-09 - Industry Canada Package_0203"

6. Please confirm that an Electronic serial number is assigned to each unit which uniquely identifies a cellular mobile station to any cellular system. Please refer to section 3.2 of RSS 132.
   Yes.Each unit have an Electronic serial number.

RT IC – 2nd Communication

#4 – The 99 % bandwidth measurement is still incorrect. You have used a span of 1.5 MHz and therefore the RBW should be at least 15 kHz. If 15 kHz is not an option on the spectrum analyzer then the next higher setting should be used.
Updated as attached "SHEMO09120140807 ic_fcc report_v3" and IC test report cover sheet_page 3 "TCBJ FORM-9 IC 7-17-09 - Industry Canada Package_0208_page3"