

May 29, 2002

Federal Communications Commission  
Equipment Approval Services  
7435 Oakland Mills Road  
Columbia, MD 21046  
Attn: Ms. Diane Poole

**SUBJECT: Sanyo Electric Co. Ltd.**  
**FCC ID: AEZSCP-49H**  
**731 Confirmation No.: EA902825**  
**Correspondence Reference No.: 22877**  
**Request for Tech. Info.: 5/14/02**

Dear Diane:

Transmitted herewith, on behalf of **Sanyo Electric Co. Ltd.** is an amendment provided in response to the request for technical information dated May 14, 2002.

1. Please note that in the original filing the ERP and radiated spurious data for the AMPS mode was taken with a conducted power of 25.5 dBm. To correct this situation we retested conducted spurious emissions, conducted power, Occupied BW, and SAR at the proper conducted power. Please find attached the plot these test.
2. We have received new probe calibration sheets from SPEAG that use a single conversion factor for a range of frequencies. We doubted these calibration certifications were suitable with FCC past calibration requirements so we determined the probe conversion factors the way that SPEAG has done them in the past. We have retested the AMPS mode at 25.5 dBm with a SPEAG calibrated probe and received very comparable results so we believe that the new SPEAG calibration in the 800 MHz Band may be suitable for FC requirements. Please find attached the photos of the calibration process. The probe was calibrated according to IEEE std 1528 -200x (A.3.2.2). The validation dipole construction procedures followed the IEEE std. 1528.
3. Please find attached the revised users manual.
4. Please find attached the revised SAR test report pages (21,22, and 25).
5. Sanyo would like to confirm the following accessories that will be used with this device.
  - i. Standard Battery
  - ii. Extended Battery
  - iii. Travel Charger
  - iv. Cigar Lighter Adapter
  - v. Hands Free Car Adapter
  - vi. USB Data Cable
6. Please find attached the revised page 25 of the SAR report indicating the proper battery types used during the SAR testing. We tested the right and left hand AMPS mode worst case channel (383) with the standards and extended battery. SAR was higher with the standard battery so we did a complete set of SAR tests with the standard battery in the 800 MHz band. We tested both the standard and extended batteries in the PCS band in the tilt position. The extended battery yielded the highest SAR value. We then completed a full set of test for the PCS band with the extended battery.

We trust this information is sufficient to resolve FCC questions in this application. If you have any further questions, please do not hesitate to contact us.

  
Randy Ortanez  
President

cc: **Sanyo Electric Co. Ltd.**