

**From:** Tommy Leung ES-HKG  
**Sent:** Monday, April 11, 2005 6:27 PM  
**To:** David Chernomordik ES-Mpk  
**Cc:** Kid Wong ES-HKG; Terre Wolak ES-Atl; Roland Gubisch ES-Box; Kenneth CC Lam ES-HKG  
**Subject:** RE: FCC part 95 GMRS/FRS certification with SAR report - FCC ID: K7GSX700 and IC: 2415B-SX700

**Follow Up Flag:** Follow up  
**Due By:** Tuesday, April 12, 2005 2:00 AM  
**Flag Status:** Flagged

David,

According to the user manual of using the desk stand charger, the radio shall be turned off while in charging tray. Therefore there was no test data for charging mode for the FCC part 95 or 15 certification. And we have tested the charging mode and include the test data in FCC part 15 verification report.

If you need other information, please feel free to contact me.

Thanks and best regards,

Tommy Leung  
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-----Original Message-----

**From:** David Chernomordik ES-Mpk  
**Sent:** Tuesday, April 12, 2005 04:55 AM  
**To:** Kenneth CC Lam ES-HKG  
**Cc:** Tommy Leung ES-HKG; Kid Wong ES-HKG; Terre Wolak ES-Atl; Roland Gubisch ES-Box  
**Subject:** RE: FCC part 95 GMRS/FRS certification with SAR report - FCC ID: K7GSX700 and IC: 2415B-SX700

Dear Kenneth,

Besides the Part 95 FRS/GMRS certification, the Applicant also applies for the Part 15 certification of the Weather Band Receiver.

Since the device has a charger, AC conducted emissions should be performed if the device can operate during the charging. I assume that in GMRS/FRS mode the device operates from a battery only, but it is not clear that it can not receive the signal in the receiving mode during the charging. Please clarify.

Thanks  
David

-----Original Message-----

**From:** Kenneth CC Lam ES-HKG  
**Sent:** Monday, April 11, 2005 12:22 AM  
**To:** David Chernomordik ES-Mpk  
**Cc:** Tommy Leung ES-HKG; Terre Wolak ES-Atl; Roland Gubisch ES-Box; Kid Wong ES-HKG  
**Subject:** RE: FCC part 95 GMRS/FRS certification with SAR report - FCC ID: K7GSX700 and IC: 2415B-SX700

Dear David,

Thanks for your comments

Pls find attached the revised SAR report. In the report, the SAR values are scaled according to power drift.

Regards,  
Kenneth

<< File: SAR-2n revised.pdf >>

-----Original Message-----

**From:** David Chernomordik ES-Mpk  
**Sent:** Friday, April 08, 2005 02:09 AM  
**To:** Kenneth CC Lam ES-HKG  
**Cc:** Tommy Leung ES-HKG; Terre Wolak ES-Atl; Roland Gubisch ES-Box  
**Subject:** RE: FCC part 95 GMRS/FRS certification with SAR report - FCC ID: K7GSX700 and IC: 2415B-SX700

Dear Kenneth,

Since the measured SAR values are relatively low, and power drift is high, I would accept the results if the SAR values are scaled for the power drift (e.g. increased by the power drift). All data tables should be revised to include the calculated scaled data. Also the final data (highest numbers), reported on the front page of the report, should be the scaled values.

Thanks  
David

-----Original Message-----

**From:** Kenneth CC Lam ES-HKG  
**Sent:** Thursday, April 07, 2005 12:00 AM  
**To:** David Chernomordik ES-Mpk  
**Cc:** Terre Wolak ES-Atl; Tommy Leung ES-HKG  
**Subject:** RE: FCC part 95 GMRS/FRS certification with SAR report - FCC ID: K7GSX700 and IC: 2415B-SX700

Dear David

Thanks for your prompt respond!

The ATL-Lab reply as follows:

1. They conduct the Validation again
2. They retest the SAR Test of GMRS Body SAR w/Belt-clip.
3. They use new batteries after finished every channel

Attached the revised SAR report for your reviewing. Thanks!

If you have any further question, pls feel free to contact me

Best Regards,  
Kenneth

<< File: SAR-revised.pdf >>

-----Original Message-----

**From:** David Chernomordik ES-Mpk  
**Sent:** Wednesday, April 06, 2005 08:38 AM  
**To:** Tommy Leung ES-HKG  
**Cc:** Terre Wolak ES-Atl  
**Subject:** RE: FCC part 95 GMRS/FRS certification with SAR report - FCC ID: K7GSX700 and IC: 2415B-SX700

Dear Tommy,

By reviewing this application the following points are noted:

The SAR results have unusual high power drift - up to 4 dB. Was the each scan performed with a new fully charged battery? Please comment. If the design of the device does not allow to keep the RF power in reasonable tolerance during the scan, at least the correction for the drift should be made, and corrected SAR values should be reported.

Please respond ASAP.

Thanks  
David