

To: Tommy Leung ITS/ES-HKG  
Cc: Danielle Gravelle ITS/ES-Box; Kid Wong ITS/ES-HKG  
Subject: RE: RadioShack DSSS Phone FCC ID: AAO4303519  
Dear Tommy:

Thank you for the detailed response. My comments are below.

Regards,  
Roland

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

From: Tommy Leung ITS/ES-HKG  
Sent: Wednesday, November 21, 2001 6:09 AM  
To: Roland Gubisch ITS/ES-Box  
Cc: Danielle Gravelle ITS/ES-Box; Kid Wong ITS/ES-HKG  
Subject: RE: RadioShack DSSS Phone FCC ID: AAO4303519

Dear Roland,

Thanks for your prompt reply!! For point 5) We are pending the confirmation from our client and the suggested statements are as follows:

#### RF SAFETY INFORMATION

Important: To maintain compliance with the FCC's RF exposure guidelines, please read the following specific operating instructions.

#### HANDSET

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

#### BASE

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This RF safety information is excellent. When the client approves, please send a copy of the revised user manual

The other points are replied as follows:

- 1) Since all out of band emissions are evaluated by the RF conducted method (except emissions fall in the restricted bands), the column is reported "N/A". I agree to amend the table and will submit with item 7). OK
- 2) I will amend it accordingly. OK
- 3) Yes. We had evaluated the peak limits and will amend the pages. OK
- 4) Yes. I will amend that pages. OK

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

Thanks and best regards,  
Tommy.  
Intertek Testing Services (HK) Ltd.  
Tel: 852-2173-8538 Pager: 7302-3113

Fax: 852-2741-1693  
E-mail: tleung@itslabtest.com

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

From: Roland Gubisch ITS/ES-Box  
Sent: Tuesday, November 20, 2001 8:30 AM  
To: Kid Wong ITS/ES-HKG  
Cc: Tommy Leung ITS/ES-HKG; Wilbur Ng ITS/ES-HKG; Danielle Gravelle ITS/ES-Box  
Subject: RadioShack DSSS Phone FCC ID: AAO4303519

Dear Kid Wong:

Technical review of the 2.4 GHz cordless phone is complete and the following points are noted:

- 1) Section 1.0 Summary of tests: Out of band radiated emissions 15.247(c) is reported as "Not applicable" yet it is measured on pages 22, 23, 24, 27, 28 and 29. The statement should be changed to "Pass."
- 2) All radiated emission data tables: Note 1 says "peak detector data" and Note 4 says "average detector above 1000 MHz." Both cannot be true. Please amend Note 1 to read: "Peak detector used below 1000 MHz."
- 3) Radiated emission limits above 1000 MHz are subject to both average limits and peak limits, per 15.35(b). Please address compliance to peak limits on pages 22, 23, 24, 27, 28 and 29.
- 4) Processing gain data for the base unit does not show the necessary 50 kHz frequency increments, as shown in the handset data. Please review and correct.
- 5) 150247(b)(4) requires compliance with RF exposure limits. For the base unit, a 20 cm separation distance is assumed. If there are no precaution in the user manual, please amend the manual or provide addenda. For guidance, the Grant Notes for this system will appear like this:

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter. The antenna(s) used for the base transmitter must be installed to provide a separation distance of at least 20 cm from all persons. End-users must be provided with specific operating instructions for satisfying RF exposure compliance.

Regards,  
Roland