

RE: Motion Research

FCC ID: SG3-MCMSUV1

1) Various information in the manual, and RF transceiver manufacture suggest that 79 channels, each 1 MHz wide are used. However, the application only is asking for approval across part of the band (2042 – 2478 MHz). It appears the frequency may be listed incorrectly on the 731 form.

**Response: The frequency ranges should actually be from 2402 – 2481 MHz to cover the 79 channels. 731 form and RSP-100 have been changed to reflect this frequency range.**

2) The theory of operation mentions 79 channels are used, so it would therefore seems that the device would function on 2402 – 2480 MHz in order to use all channels. Please explain and or confirm that the final device will only operate on these frequencies and correct any exhibits necessary.

**Response: The frequency ranges should actually be from 2402 – 2481 MHz to cover the 79 channels. 731 form and RSP-100 have been changed to reflect this frequency range.**

3) What is the unit of output power & PSD shown in the report. The data tables to not report this. Please correct.

**Response: Report has been modified to include the correct units in dBm. Revised report has been uploaded.**

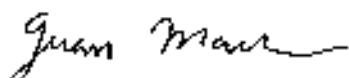
4) Please provide an RF exposure exhibit for this device. This exhibit was not provided.

**Response: MPE calculation has been uploaded.**

5) The users manual appears to missing information regarding 15.21, RF exposure, and co-location. Please update the users manual.

**Response: Revised manual has been uploaded.**

Regards,



Juan Martinez  
Sr. EMC Engineer