



January 25, 2002

Federal Communications Commission  
Equipment Approval Services  
7435 Oakland Mills Road  
Columbia, MD 21046  
Attn: Andy Leimer

**SUBJECT: M/A COM Private Radio Systems, Inc.  
FCC ID: OWDTR-0014-E  
731 Confirmation No.: EA521598**

Dear Andy:

On behalf of M/A Com PRS, Inc. we hereby submit a supplement SAR measurement report for the modified unit with the changes described.

Firstly, the radio was evaluated for face-held SAR at the mid-channel in both low and upper frequency bands with all 3 antennas and both battery options (NiCad & NiMH). The SAR was found to be lower for the modified unit with the 3 antenna configurations and both batteries and the overall internal SAR distributions were unchanged from the original unit tested. The SAR was significantly lower with the NiMH battery; therefore mid-channel test data in both bands with the NiCAD battery was reported.

Secondly, the speaker-microphone was evaluated for face-held SAR at the mid-channel in both bands with antenna #1 only. This was based on the fact that in the original test data antenna #1 produced the highest SAR. It was found that in the speaker-microphone configuration the SAR was reduced with the modified unit.

Thirdly, the radio was evaluated for body-worn SAR at the mid-channel in both bands with the metal belt-clip and t-strap accessories with antenna #1 only. Antenna #2 and #3 were not investigated based on antenna #1 being the worst-case configuration for the previous SAR evaluations. The leather belt-loop was not investigated based on the fact that increased separation distance produced significantly lower SAR in the original report. The new SAR was found to be higher for the t-strap accessory; therefore all channels in both bands were investigated and reported using the NiCAD battery. The SAR was found to be lower for the metal belt-clip accessory with the modified unit, therefore only mid-channel test data in both bands was reported using the NiCAD battery. Please note that both NiCAD and NiMH batteries were evaluated and the NiMH battery gave lower SAR results, therefore the NiCAD battery data was reported.

If you have any further questions regarding the above, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Shawn McMillen", written over a vertical line.

Shawn McMillen  
General Manager  
Celltech Research Inc.  
Testing & Engineering Lab

cc: M/A Com PRS, Inc.