

To: Dr. Kwok Chan  
From: Glenn Thompson

Date: 12/28/98

Subject: Motorola voice pager E9698108, EAS#91635

Dr. Chan, the following information should address your concerns with the Motorola voice pager.

The first concern is with the frequency range of the pager. The tunable range listed on the form 731 form is correct. The Rx operates in the 929-932 and 935-941 MHz range (929 to 942 MHz on the 731 Form), under part 24 the TX range is 901-902 MHz and under part 90, 896-901 MHz for operation in the SMR bands.

In the future Motorola will test devices which qualify for source-based time-averaging at the maximum duty factors instead of using CW equivalent test signals. However, since SAR-measuring equipment is a low-pass filtering device, in conditions of very low duty-factors the source-based time-averaged measurements might be difficult to perform and the only correct approach is to use CW equivalent signals.

Issues 3 through 7 are addressed by the enclosed documents from the Motorola EMI lab in Florida.  
[see Photos.pdf, Body\_Scan.pdf, Holster\_Scan.pdf, and manual.pdf]

Regards,  
Glenn Thompson