

4.0 MEASUREMENT SUMMARY

The measurement results were obtained with the EUT tested in the conditions described in this report. Detailed measurement data and plots showing the maximum SAR location of the EUT are reported in Appendix A.

Face-Held SAR Measurements

Frequency (MHz)	Channel	Mode	Cond. Power (dBm)	Antenna Position	Separation Distance (cm)	SAR (w/kg)	
156.025	Low	FM	37.0	Fixed	4.0	0.324	0.162 (50% duty cycle)
157.425	High	FM	37.0	Fixed	4.0	0.243	0.1215 (50% duty cycle)
Mixture Type: Brain Dielectric Constant: 59.9 Conductivity: 0.48			ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population BRAIN: 1.6 W/kg (averaged over 1 gram)				

Notes: 1. All modes of operation were investigated and the worst-case SAR levels are reported.
2. The SAR values found are below the maximum limit of 1.6 w/kg. The worst-case SAR value found for face-held operation was 0.162 w/kg (50% duty cycle).

Body-Worn SAR Measurements

Frequency (MHz)	Channel	Mode	Cond. Power (dBm)	Antenna Position	Separation Distance (cm)	SAR (w/kg)	
156.025	Low	FM	37.0	Fixed	2.3	0.415	0.2075 (50% duty cycle)
157.425	High	FM	37.0	Fixed	2.3	0.361	0.1805 (50% duty cycle)
Mixture Type: Muscle Dielectric Constant: 65.7 Conductivity: 0.75			ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population BODY: 1.6 W/kg (averaged over 1 gram)				

Notes: 1. All modes of operation were investigated and the worst-case SAR levels are reported.
2. The SAR values found are below the maximum limit of 1.6 w/kg. The worst-case SAR value found for body-worn operation was 0.2075 w/kg (50% duty cycle).
3. The EUT was tested for body-worn SAR using the supplied belt-clip providing a 2.3cm separation distance between the EUT and the surface of the planar phantom.