

SAR Exclusion/R.F Exposure/Safety

The typical placement of the E.U.T. is in the headgear of the Surgeon Augmented Reality Assistant Display, model XVS.

The typical distance between the E.U.T. and the user is 4cm.

SAR Testing Exclusion Based on Section 4.3.1 and Appendix A of KDB447498 D01 V05 Requirements

Section 4.3.1 and Appendix A of KDB447498 D01 V05 was used as the guidance as follows:

Peak power output =14.2 dBm = 26.3mW

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] =$$
$$= 26.3/40 \cdot 1.55=1.02 \text{ this value is less than 3.0 for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR.}$$

The SAR measurement is not necessary.
See photos below:



Head gear



antennas



4cm distance from antenna to wearer