

Extremity SAR test exclusion

According to § 1.1307(b)(5), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commissions guideline.

The device has a standalone transmission only. The minimum separation between antenna and CALL key is 3 cm (refer to the photo below).

According to KDB 447498 section 4.3.1, the 10-g SAR test exclusion thresholds at test separation distances ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})]$$

• $[\sqrt{f(\text{GHz})}] = 228 / 30 * (0.4676)^{1/2} = 5.2$, this value is less than 7.5 for 10-g extremity SAR.



The extremity SAR measurement is not necessary.