

The tags are installed on mobile accessories like a hand bag or an electronic device within that same vehicle. Human exposure depends on the proximity of the person with respect to the tag; the tags may be placed anywhere within that vehicle.

The reader is installed somewhere in a vehicle, usually on the ceiling.

4.3.1.a) Standalone SAR test exclusion for Tag

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR}$$

Conducted Power	7.17	dBm
	5.2	mW
Distance	5.0	mm
Frequency	2405.0	MHz
	2.405	GHz
Threshold	1.62	≤ 3