

August 30, 2023

FCC ID: HYQ14FGZ

To whom it may concern,

We, UL Japan, Inc, hereby declare that Electronic Key, model: 14FGZ (FCC ID: HYQ14FGZ) of DENSO CORPORATION is exempt from RF exposure SAR evaluation as its output power meets the exclusion limits stated in KDB 447498D01(v06).

KDB 447498D01(v06) has the following exclusion for portable devices:

The 1g and 10g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq$  50 mm are determined by:

*[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]*

·  $\sqrt{f(\text{GHz})} \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR, where

·  $f(\text{GHz})$  is the RF channel transmit frequency in GHz

· Power and distance are rounded to the nearest mW and mm before calculation

· The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is  $\leq$  50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $<$  5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

This device has  $f = 0.43442$  GHz and distance = 5 mm (minimum separation distance: 5 mm was used in the calculation) and the power consumption was 17.8 mW

So for this device:

$17.8 \text{ mW}[\text{power consumption}]/5 \text{ mm}[\text{minimum separation distance}] * \sqrt{0.43442} = 2.3$

\*This is less than 3.0, so no SAR is required.

Thank you for your attention to this matter.



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Leader