LTA
Laboratory for Test & Approval Co.,Ltd.

MAY 11, 2019

FCC ID : 2ASY3AK1G-BB

To whom it may concern,

We LTA LAB Inc. , hereby declare that CPR Add-on Kit/ DTS, model : AK1G BB(FCC ID: 2ASY3AK1G-BB)of I.M.LAB Inc.is exempt form 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 100MHz to 6 GHz at thest separation dsitansces ≤ 50 mm are determined by :

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

- [√f(GHz)]≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where
- F(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 minium test separation distanceis ≤ 50mm and for transmission frequencies between 100MHz and 6GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

This device hs f = 2.48 Ghz and distance = 4 mm (minimum separation distance : 5 mm was used in the calculation) and the maximum average output power was 1 mW

So for this device:
1 mW[maximum average output power]/ 5 mm[minimum separation distance]* √2.48 = 0.3
This is less than 3.0, so no SAR is required.
Even taking imto account the tolerance, this device can be satisfied with the limits.

LTA LAB Inc.
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