

Report No.: T190422W04-MF

Page: 1 / 1
Rev.: 03

FCC ID: R4UARCFLEXEPV

Brand: ARC

Model: FLEX 12EPV, FLEX 8EPV

According to KDB 447498 section 4.3.1, the 1-g SAR test exclusion thresholds at test separation distance ≤ 50 mm are determined by:

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

The tune-up power is $4.5\text{dBm} \pm 1\text{dBm}$, therefore the highest tune-up power is

$5.5\text{ dBm} \quad (3.5481\text{ mW}) \quad @ 440.00\text{ MHz}$

When the minimum *test separation distance* is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

So,

$$(\ 3.5481\text{mW} / 5\text{mm}) * (0.44000\text{GHz}^{0.5}) = 0.4707$$

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] = 0.4707 < 3.0$

Therefore, standalone SAR measurements are not required for both head and body.