



Report No.: T190422W04-MF

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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:

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

The tune-up power is 4.5dBm $\pm$ 1dBm, therefore the highest tune-up power is
5.5 dBm (3.5481 mW) @ 440.00 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,

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

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

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