



# BEST VERIFICATION LLC

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## 1. Limit for Portable Equipment Exposure

| Frequency   | 1-g SAR |
|-------------|---------|
| 100MHz-6GHz | 3       |

According to KDB 447498 D01 General RF Exposure Guidance v06 and part 2.1093  
For 100 MHz to 6 GHz and test separation distances  $\leq 50$  mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:  
$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$
 for 1-g SAR, and  $\leq 7.5$  for 10-g extremity SAR, where  $\sqrt{f(\text{GHz})}$  is the RF channel transmit frequency in GHz

## 2. CALCULATION

| Frequency (MHz) | Measured Field Strength (dBuV/m) | Output Power (mW) | Separation Distance (mm) | Result (mW/mm <sup>2</sup> ) | 1-g SAR (mW/mm <sup>2</sup> ) |
|-----------------|----------------------------------|-------------------|--------------------------|------------------------------|-------------------------------|
| 2400            | 96.16                            | 1.2474            | 5                        | 0.3865                       | 3                             |
| Result:         | PASS                             |                   |                          |                              |                               |