## 1. Limit for Portable Equipment Exposure

| Frequency | 1-g SAR |
|---|---|
| 100MHz-6GHz | 3.0 |

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

[(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

## 2. Estimation Result

| Frequency (MHz) | PK Output Power(dBm) | Output Power(mW) | Test Separation Distance (mm) | Measurement Result | 1-g SAR |
|---|---|---|---|---|---|
| 915 | -6.85 | 0.207 | 5 | 0.040 | 3.0 |

Note:
1. use the maximum E-field strength(90.5dBuV/m) for the RF exposure evaluation
2. E(dBuV/m)=EIRP(dBm)-95.2 for distance 3m
   so the EIRP=87.14dBuV/m-95.2=-4.7dBm
3. EIRP(dBm)= ERP+2.15dBi
   so the ERP=-4.7dBm -2.15dBi=-6.85dBm

------The End------