MPE ESTIMATION

FCC ID: XK3315TXA

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
433.932	-11.08	0.078	5	0.01	3.0

Note:

1. use the maximum E-field strength(86.27dBuV/m) for the RF exposure evaluation
2. E(dBuV/m)=EIRP(dBm)-95.2 for distance 3m
   so the EIRP=86.27dBuV/m-95.2=-8.93dBm
3. EIRP(dBm)= ERP+2.15dBi
   so the ERP=-8.93Bm-2.15dBi=-11.08dBm

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