

FCC ID: 2A52C-EASY30

Portable device

Per § 1.1307(b)(3)(i)(A), a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance. This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

125kHz:

Note: $\text{dbm} = \text{dbuv/m} - 95.2 = 73.14 - 95.2 = -22.06 \text{ dBm (EIRP)}$, so the maximum averaged power $\text{power} = 0.0062 \text{ mW}$

Conclusion:

For the max result : $0.0062 \leq \text{FCC Limit } 1 \text{ mW for } 1 \text{ g SAR}$.

125kHz+13.56MHz supported simultaneous transmission:

125kHz+13.56MHz MIMO : $\sum \text{MPE Ratio} = 0.0062 + 0.0008 = 0.007 \leq 1$, So passed.