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SkipJam iMedia RF controller FCC ID TEA-IRF-001

Refer to TCB exclusions list on 17 July, 2002 portable transmitter with output power less than low threshold of 24.5mWatt. The distance between antenna and person's body within 2.5cm can be certified by FCC without SAR evaluation.

For SAR evaluation of the iMedia RF controller (handset) FCC ID TEA-IRF-001, the maximum peak measured output power was 178 mWatt and maximum duty cycle 0.09188.

The conducted source-based time averaged power = $178\text{Watt} \times 0.09188 = 16.35\text{ mWatt}$.

Based on the above calculation it is concluded that the iMedia RF controller (handset) can be certified by FCC without SAR evaluation.

QualiTech EMC Lab.