



13.0 RF Exposure

The threshold levels for SAR of PTT devices are given in Section 5 of KDB447498.

For held to face configuration the power threshold is 250mW. For occupational use the power is increased by a factor of five. For this PTT device, the maximum duty cycle is 50%. This results in a maximum peak power of 2.5W for held to face configuration.

For body worn operation a power threshold according to table 1 of KDB447498 applies. The power threshold for body worn devices with 1.5cm distance is 200mW. For occupational use a factor of five is applied and a duty factor of 50% can be assumed. This results in a power threshold of 2W.

The device with half of maximum power of 0.9375W which is less than the power threshold of 2W and maximum duty cycle of 50% and frequencies below 500MHz can be certified without SAR test according to the above considerations.

Note: The value of 0.9375W is half of the calculated EIRP

The report refers only to the sample tested and does not apply to the bulk.

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