

Appendix A: FCC Part 1.1307, 1.1310, 2.1091, 2.1093: RF Exposure

Per KDB447498_D01 section 5:

The EUT is a portable PTT device with an actual operating duty factor of less than 50%, therefore per section 5) a), the RF exposure is evaluated with a 50% duty factor. The EUT has an output power of 1.5 W, therefore the RF exposure will be evaluated against an EUT output power of $1.5 \text{ W} * 50\% = 0.75 \text{ W}$.

The EUT falls under an occupational category, therefore per section 5) b) i), a factor of 5 is applied to the limits in Table 1. The EUT is also held to face with a min separation of 2.5 cm, therefore the limit is $250 \text{ mW} * 5 = 1.25 \text{ W}$.

Since the EUT power of 0.75 W is less than the SAR limit of 1.25 W, no SAR is required for this device.