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Test Report No.:

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Maximum transmitter power:

Frequency (MHz)	Maximum peak output power (dBuV/m)	Output power (mW)
49.860	72.4	0.0052

According to KDB 447498 D01:

For frequencies below 100 MHz, the following may be considered for SAR test exclusion:

- 1) For test separation distances > 50 mm and < 200 mm, the power threshold at the corresponding test separation distance at 100 MHz in step b) is multiplied by $[1 + \log(100/f(\text{MHz}))]$
- 2) For test separation distances ≤ 50 mm, the power threshold determined by the equation in c) 1) for 50 mm and 100 MHz is multiplied by $\frac{1}{2}$
- 3) SAR measurement procedures are not established below 100 MHz. When SAR test exclusion cannot be applied, a KDB inquiry is required to determine SAR evaluation requirements for any SAR test results below 100 MHz to be acceptable.

Result:

$$\begin{aligned}\text{Exclusion threshold} &= 3 \times [1 + \log(100/f(\text{MHz}))] \times 0.5 \\ &= 3 \times [1 + \log(100/49.86)] \times 0.5 \\ &= 1.9536\text{mW}\end{aligned}$$

Conclusion:

SAR test is not required due to maximum peak output power of the RF channel below the exclusion threshold as calculated above.