|  |  |  |
| --- | --- | --- |
| **Annex 2 to the contract pursuant to DE-UZ 142**  **Environmental label for “Household Energy Meters”** |  | **Please use this printed form!** |

# Measurement report on measurement tolerances

## Measurement report for the active power measurement

Type designation of the device being tested:

Laboratory instrument used for the comparative measurement:

| **No.** | **Target value of test load** | **Target value of phase shift** | **Comparative active power measurement** | **Comparative phase shift measurement** | **Measurement cycle 1 active power value** | **Measurement cycle 2 active power value** | **Measurement cycle 3 active power value** | **Mean active power value** | **Mean deviation between active power value and comparative measurement** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | [watts] | [ - ] | [watts] | cos ϕ = | [watts] | [watts] | [watts] | [watts] | [%] |
| 1 | 3000 | cos ϕ = 1 |  |  |  |  |  |  |  |
| 2 | 1000 | cos ϕ = 0.92 |  |  |  |  |  |  |  |
| 3 | 300 | cos ϕ = 0.86 |  |  |  |  |  |  |  |
| 4 | 100 | cos ϕ = 1 |  |  |  |  |  |  |  |
| 5 | 30 | cos ϕ = 1 |  |  |  |  |  |  |  |
| 6 | 6.8 | Acc. to test setup for a switching power supply |  |  |  |  |  |  |  |
| 7 | 3.1 | Acc. to test setup for a switching power supply |  |  |  |  |  |  |  |
| 8 | 1.0 | Acc. to test setup for a switching power supply |  |  |  |  |  |  |  |

## Measurement report for the energy consumption measurement

Laboratory instrument used for the comparative measurement:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Target value of test load** | **Target value of phase shift** | **Measurement period** | **Energy consumption measurement for device being tested** | **Comparative energy consumption measurement** | **Deviation to comparative measurement** |
| [watts] | [ - ] | [min] | [Wh] | [Wh] | [%] |
| 2,300 | cos ϕ = 1 |  |  |  |  |

Measurement performed by:

Address of testing laboratory:

Location:

(Signature and

Date:       company stamp of testing laboratory)