

Test report

Number: T251-0864/20 **Project file:** C20203012
Date: 2020-11-24
Pages: 3

Product: Personal meter

Type reference: NPM-1

Ratings: 3,7 Vdc (powered via battery)
Protection class: III

Trademark:



Applicant: TNC (US) Holdings, Inc.
501 Brooker Creek Blvd, Oldsmar, FL-34677, USA

Manufacturer: The Nielsen Company
85 Broad Street, USA-10004 New York, USA

Place of manufacture: Techempire Technology (Shenyang) Limited
18-10 Yaoyang road, Hui shan economy development area, Shenyang district Liaoning province, China

Summary of testing

Testing method: 47 CFR FCC Part 2.1093,
KDB 447498 D01 General RF Exposure Guidance v06

Testing location: SIQ Ljubljana, Mašera-Spasićeva ulica 10, SI-1000 Ljubljana, Slovenia

Remarks: Date of receipt of test items: 2019-12-12
Number of items tested: 1
Date of performance of tests: 2020-09-25
The test results presented in this report relate only to the items tested.
The product complies with the requirements of the testing methods.

Tested by: Luka Tosetto

Approved by: Marjan Mak

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1 GENERAL

History sheet			
Date	Report No.	Change	Revision
2020-11-24	T251-0864/20	Initial Test Report issued.	--

1.1 Equipment under test

Personal meter

Type: **NPM-1**

Environment: Uncontrolled / General Public

Assessment distance: 5 mm

Device usage: wrists

FCC ID: **2ASUZ-NPM-1**

2 LIMITS

According to 47 CFR FCC Part 2.1093 and KDB 447498 D01 General RF Exposure Guidance v06, evaluation assessment is not required if maximum threshold exclusion for 1-g SAR or 10-g extremity SAR is fulfilled.

1-g SAR Threshold exclusion is ≤ 3 (body worn devices)

10-g extremity SAR Threshold exclusion is ≤ 10 (i.e., hands, wrists, feet and ankles)

3 ASSESSMENT PROCEDURE

MPE EVALUATION OF PORTABLE DEVICES

Human exposure to RF emissions from mobile devices (47 CFR §2.1093) may be evaluated based on the General SAR exclusion under clause 4.3.1 of KDB 447498 D01 General RF Exposure Guidance v06.

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$\text{Threshold} = \sqrt{f} * \frac{P_{\max(\text{CH})_T}}{R}$$

Where:

f = channel frequency in GHz

$P_{\max(\text{CH})_T}$ = maximum tuned up power of a channel in mW

R = Evaluation distance

4 MEASUREMENTS

Measured values for each configuration are listed in the following table:

Frequency (GHz)	Maximum* Power with antenna gain (dBm)	Maximum* Power with antenna gain (mW)	Test distance (mm)	Threshold	Exclusion threshold
2.402	7.2	5.25	5	2,23	3 (1-g SAR) 7.5 (10-g SAR)

* Gated power with Duty Cycle calculated in

Conclusion: SAR Evaluation is not required