



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd

Report No.: SUCR241100047201
Rev.: 01

Appendix B

Detailed Test Results

1. NFC
NFC SAR result for Body

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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Wireless Laboratory

Member of the SGS Group (SGS SA)

Test Laboratory: SGS-SAR Lab

CPH2699 NFC 13.56MHz Back side 0mm

DUT: CPH2699; Type: Mobile Phone; Serial: 865009070025593

Communication System: UID 0, NFC (0); Frequency: 13.56 MHz; Duty Cycle: 1:1

Medium: HSL13; Medium parameters used: $f = 14$ MHz; $\sigma = 0.745$ S/m; $\epsilon_r = 53.744$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(13.44, 13.44, 13.44); Calibrated: 2023/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 3; Type: ELI5; Serial: TP:1143
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0873 W/kg

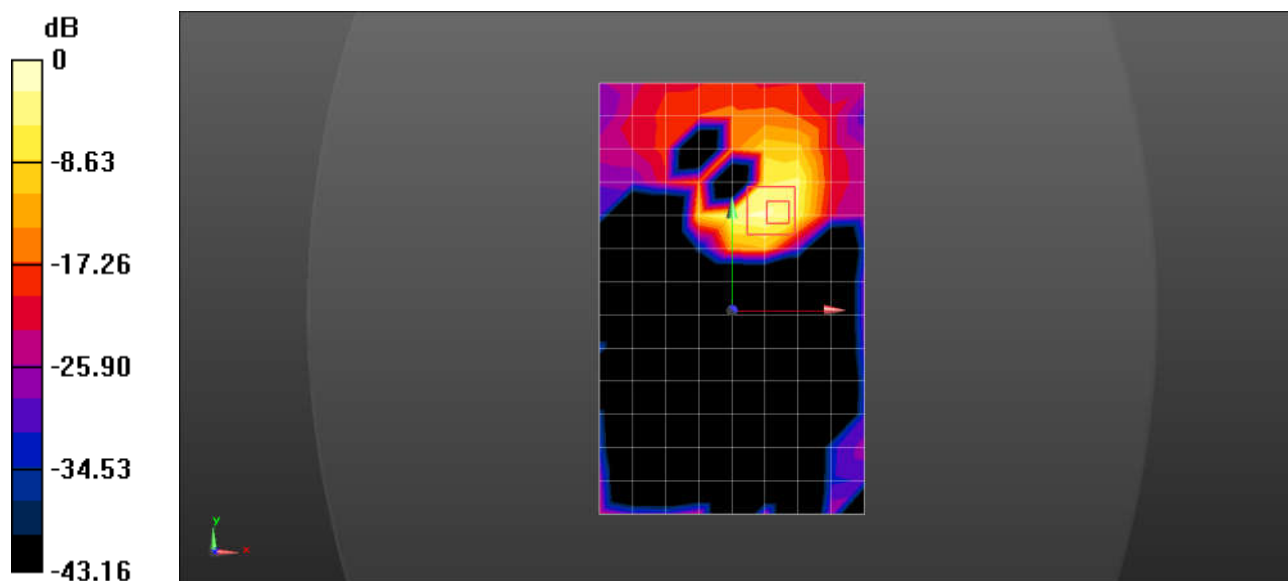
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.142 W/kg



0 dB = 0.142 W/kg = -8.48 dBW/kg