



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

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Appendix B

Detailed Test Results

1. NFC

NFC SAR result for Body

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Test Laboratory: SGS-SAR Lab

V2427 NFC 13.56MHz Back side 0mm

DUT: V2427; Type: Mobile Phone; Serial: 861994079991453

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

Medium: HSL13; Medium parameters used: $f = 14$ MHz; $\sigma = 0.769$ S/m; $\epsilon_r = 52.174$; $\rho = 1000$ 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 Sn1374; Calibrated: 2024/10/30
- 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) = 0.0326 W/kg

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

Reference Value = 0.2317 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.008 W/kg

Maximum value of SAR (measured) = 0.0431 W/kg

