

Appendix B

Detailed Test Results

1. NFC
NFC for Body

Test Laboratory: SGS-SAR Lab

CPH2599 NFC 13.56MHz Back side 0mm

DUT: CPH2599; Type: Smart Phone; Serial: 865055060029632

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

Medium: HSL_13.56; Medium parameters used: $f = 13.56$ MHz; $\sigma = 0.738$ S/m; $\epsilon_r = 54.02$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(15.3, 15.3, 15.3); Calibrated: 2022-09-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- Phantom: SAR 8-2; Type: EL4; Serial: TP:1143
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Ch/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0305 W/kg

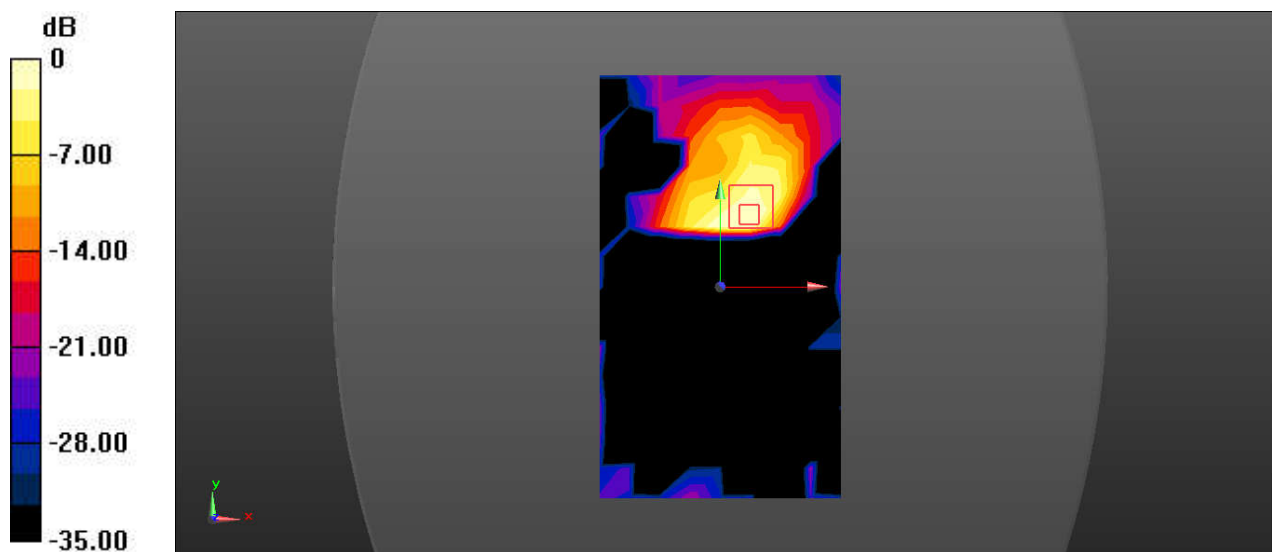
Configuration/Ch/Zoom Scan (6x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.00938 W/kg

Maximum value of SAR (measured) = 0.0632 W/kg



0 dB = 0.0305 W/kg = -15.16 dBW/kg