

Appendix B

Detailed Test Results

LTE Band 5 for Limbs
LTE Band 7 for Limbs
LTE Band 38 for Limbs
LTE Band 41 for Limbs
WIFI 2.4G for Limbs
WIFI 5G for Limbs

Test Laboratory: SGS-SAR Lab

T6 LTE Band 5 10M QPSK 1RB25 20525CH Left side 0mm

DUT: T6; Type: Smart Mobile Payment Terminal; Serial: T600WA00064

Communication System: LTE-FDD BW 10MHZ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 43.136$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(9.02, 9.02, 9.02); Calibrated: 2023/8/7;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2023/6/26
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.09 W/kg

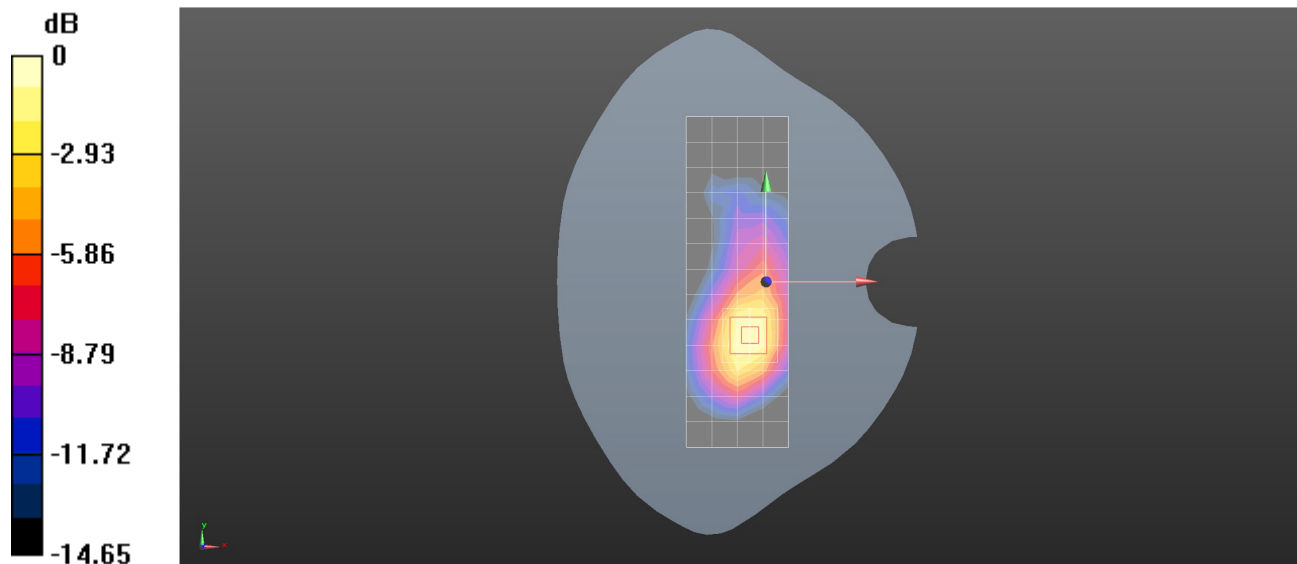
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.494 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.927 W/kg; SAR(10 g) = 0.529 W/kg

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

Test Laboratory: SGS-SAR Lab

T6 LTE Band 7 20M QPSK 1RB0 21100CH Left side 0mm

DUT: T6; Type: Smart Mobile Payment Terminal; Serial: T600WA00064

Communication System: LTE-FDD BW 20MHz; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 39.039$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.3, 7.3, 7.3); Calibrated: 2023/8/7;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2023/6/26
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 3.85 W/kg

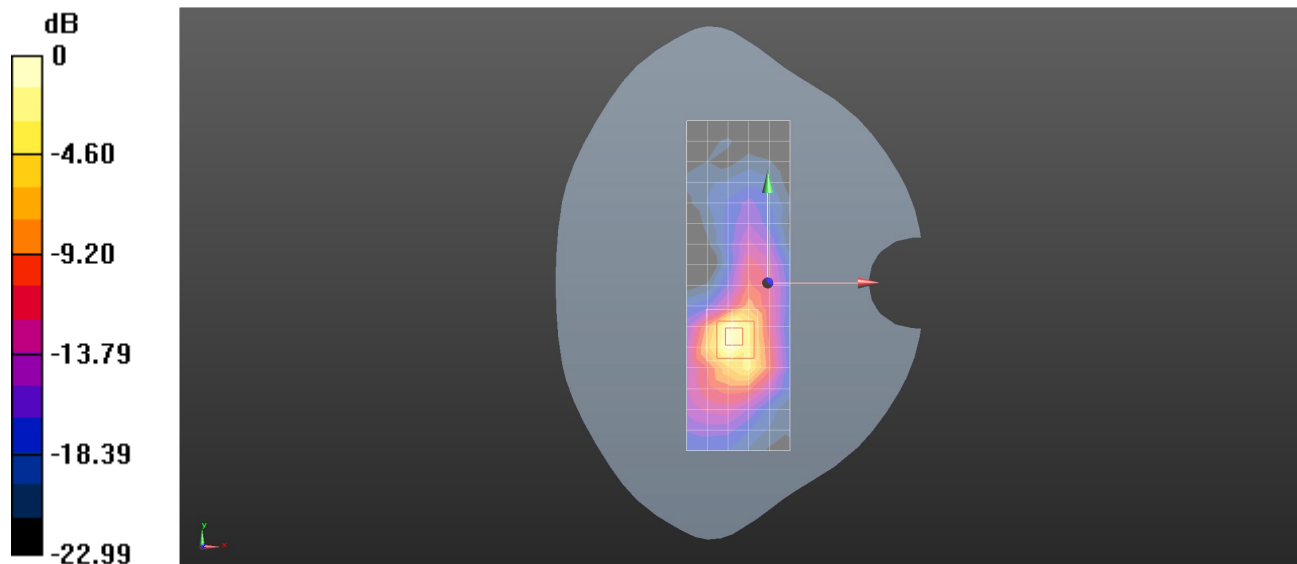
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.169 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.25 W/kg

SAR(1 g) = 2.83 W/kg; SAR(10 g) = 1.18 W/kg

Maximum value of SAR (measured) = 4.94 W/kg



Test Laboratory: SGS-SAR Lab

T6 LTE Band 38 20M QPSK 1RB50 38150CH Left side 0mm

DUT: T6; Type: Smart Mobile Payment Terminal; Serial: T600WA00064

Communication System: LTE-TDD BW 20MHz; Frequency: 2610 MHz; Duty Cycle: 1:1.58016

Medium: HSL2600; Medium parameters used: $f = 2610$ MHz; $\sigma = 1.937$ S/m; $\epsilon_r = 38.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.1, 7.1, 7.1); Calibrated: 2023/8/7;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2023/6/26
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.67 W/kg

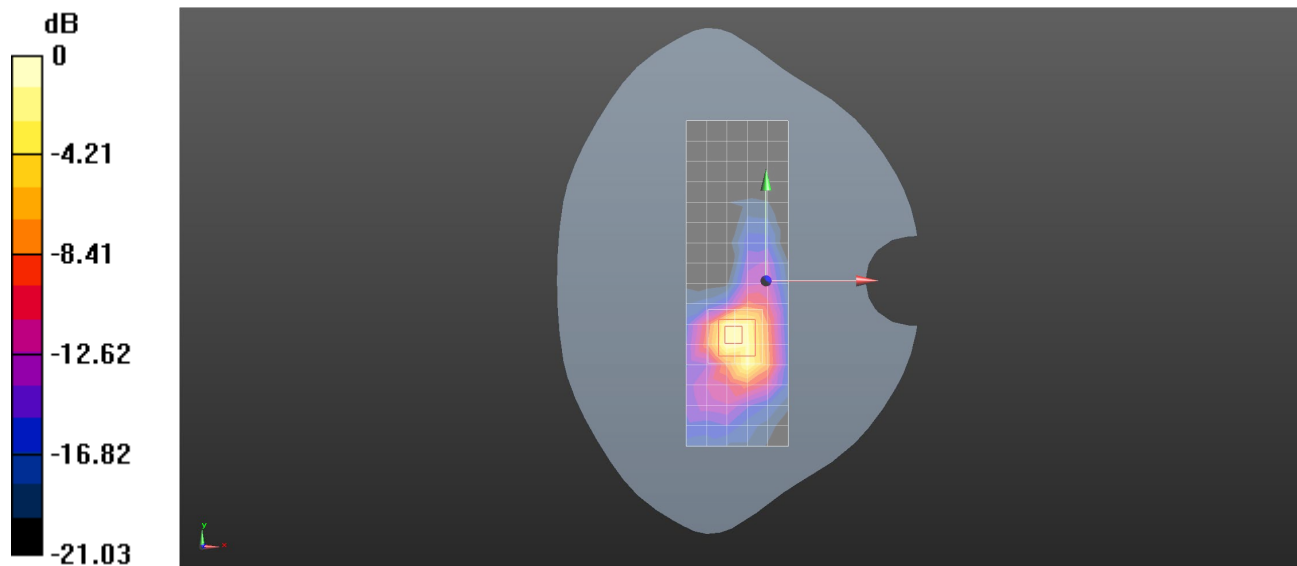
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.383 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 1.37 W/kg; SAR(10 g) = 0.589 W/kg

Maximum value of SAR (measured) = 2.24 W/kg



0 dB = 2.24 W/kg = 3.50 dBW/kg

Test Laboratory: SGS-SAR Lab

T6 LTE Band 41 20M QPSK 1RB50 40473CH Left side 0mm

DUT: T6; Type: Smart Mobile Payment Terminal; Serial: T600WA00064

Communication System: LTE-TDD BW 20MHz; Frequency: 2578.3 MHz; Duty Cycle: 1:1.58016

Medium: HSL2600; Medium parameters used: $f = 2578.3$ MHz; $\sigma = 1.902$ S/m; $\epsilon_r = 38.891$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.1, 7.1, 7.1); Calibrated: 2023/8/7;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2023/6/26
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 2.71 W/kg

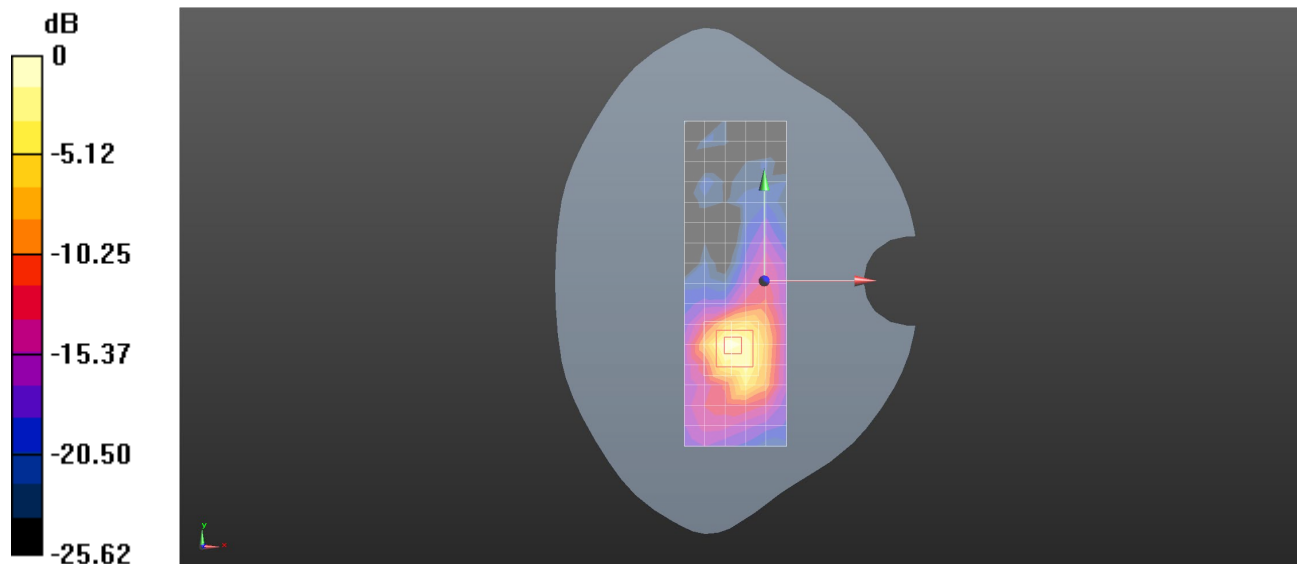
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.407 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.78 W/kg

SAR(1 g) = 1.8 W/kg; SAR(10 g) = 0.756 W/kg

Maximum value of SAR (measured) = 2.98 W/kg



0 dB = 2.98 W/kg = 4.74 dBW/kg

Test Laboratory: SGS-SAR Lab

T6 WIFI 2.4G 802.11b 1CH Left side 0mm

DUT: T6; Type: Smart Mobile Payment Terminal; Serial: T600WA00064

Communication System: WI-FI(2.4GHz); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2412$ MHz; $\sigma = 1.715$ S/m; $\epsilon_r = 39.476$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.3, 7.3, 7.3); Calibrated: 2023/8/7;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2023/6/26
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.35 W/kg

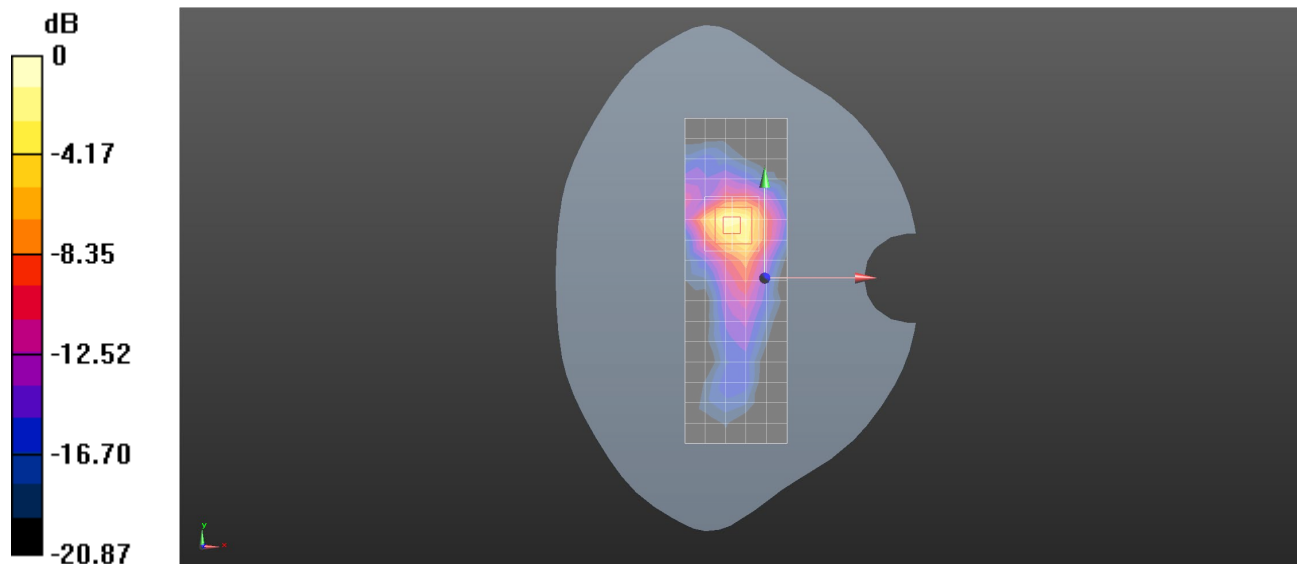
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.447 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.414 W/kg

Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.76 W/kg = 2.46 dBW/kg

Test Laboratory: SGS-SAR Lab

T6 WIFI 5G 802.11a 64CH Left side 0mm

DUT: T6; Type: Smart Mobile Payment Terminal; Serial: T600WA00064

Communication System: WI-FI(5GHz); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: HSL5G; Medium parameters used: $f = 5320$ MHz; $\sigma = 4.802$ S/m; $\epsilon_r = 37.355$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(5.27, 5.27, 5.27); Calibrated: 2023/8/7;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2023/6/26
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 4.21 W/kg

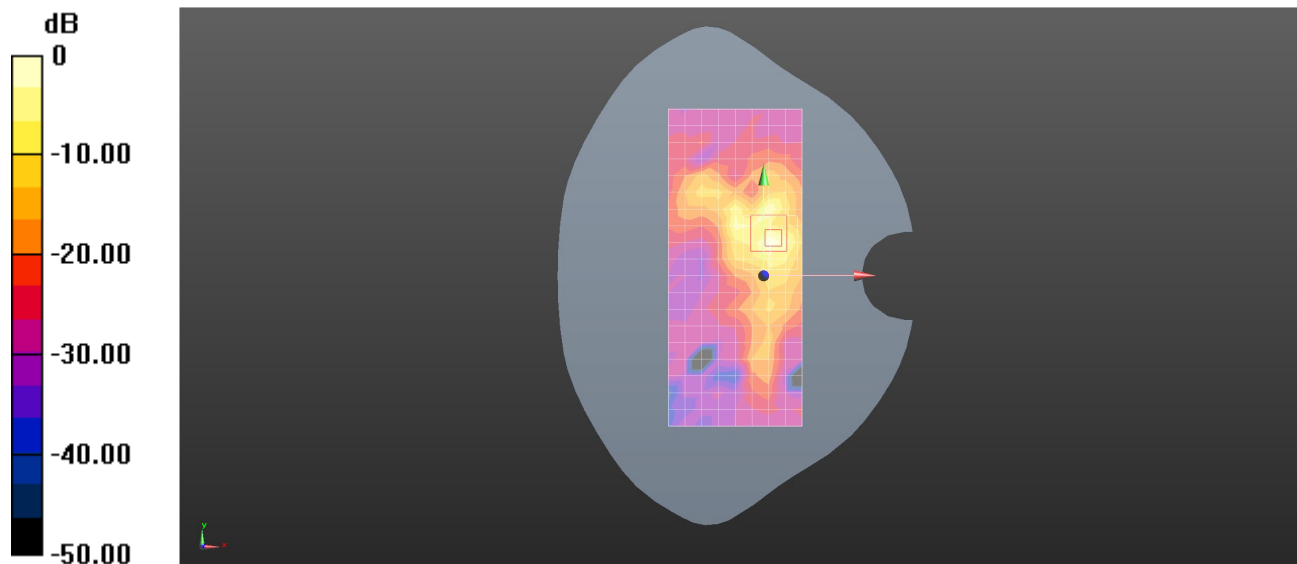
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.457 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 7.31 W/kg

SAR(1 g) = 1.56 W/kg; SAR(10 g) = 0.458 W/kg

Maximum value of SAR (measured) = 4.32 W/kg



0 dB = 4.32 W/kg = 6.35 dBW/kg