

Test Plot 1#: GSM 850 High Body Back**DUT: Rugged Biometric Tablet; Type: ITS-S8600; Serial: 2XLX-1**

Communication System: Generic GPRS-3 slots (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 42.059$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.42, 9.5, 8.93) @848.8 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1354; Calibrated: 2024/12/3
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.17 W/kg

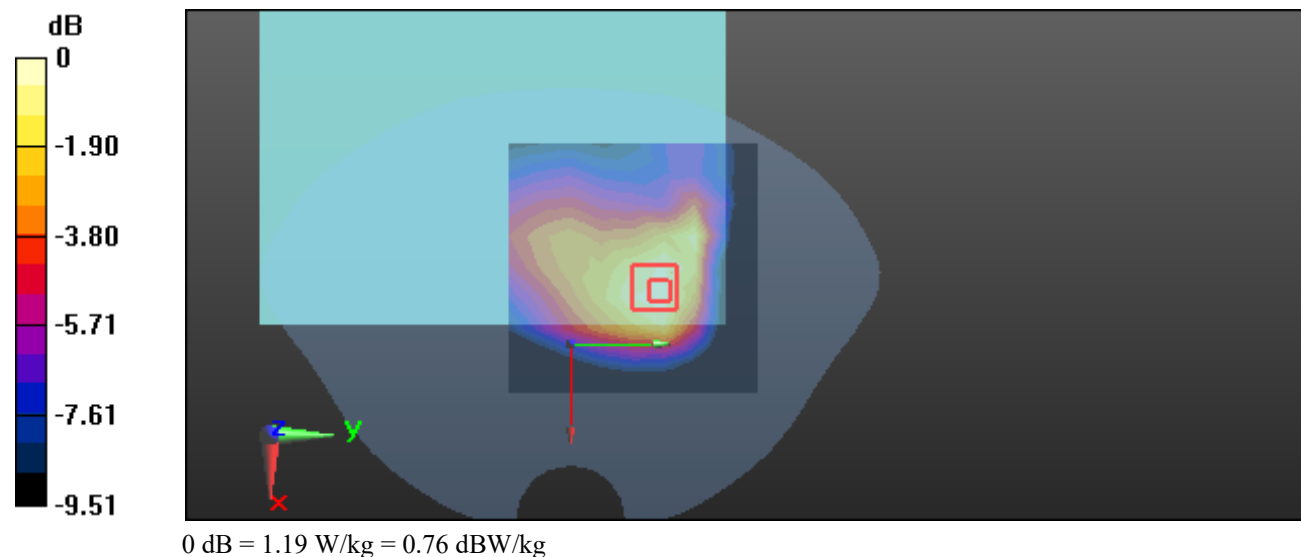
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.21 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.816 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



Test Plot 2#: PCS 1900 Mid Body Back**DUT: Rugged Biometric Tablet; Type: ITS-S8600; Serial: 2XLX-1**

Communication System: Generic GPRS-4 slots (0); Frequency: 1880 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.419$ S/m; $\epsilon_r = 39.209$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.37, 8.32, 7.54) @1880 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1354; Calibrated: 2024/12/3
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.26 W/kg

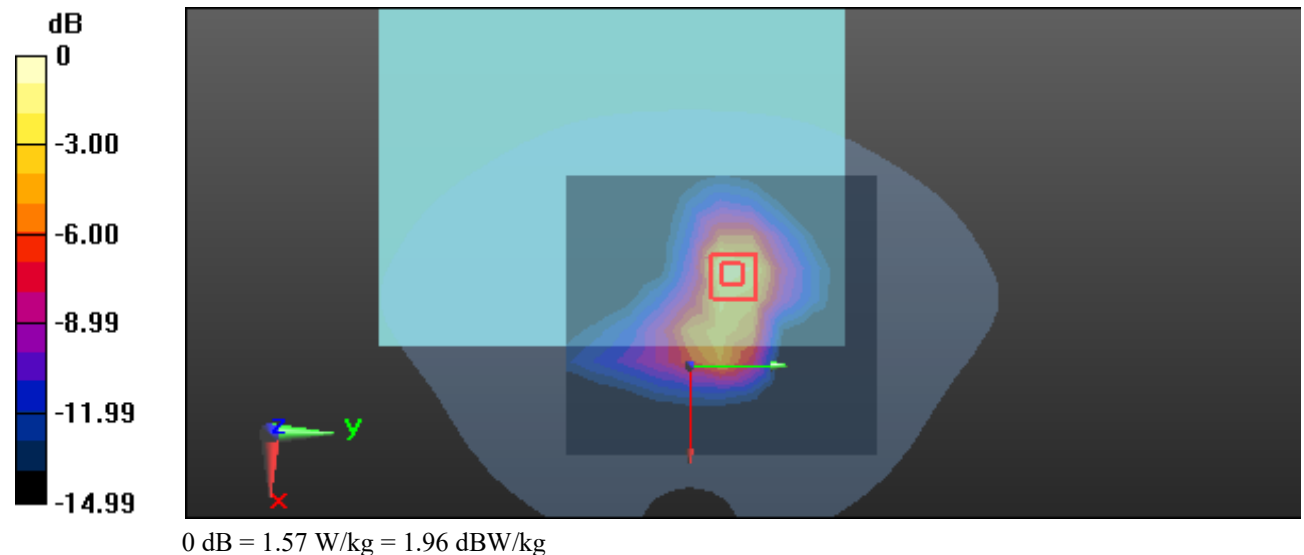
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.43 V/m; Power Drift = 0.07dB

Peak SAR (extrapolated) = 2.23 W/kg

SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.670 W/kg

Maximum value of SAR (measured) = 1.57 W/kg



Test Plot 3#: WCDMA Band 2 Mid Body Back**DUT: Rugged Biometric Tablet; Type: ITS-S8600; Serial: 2XLX-1**

Communication System: WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.419$ S/m; $\epsilon_r = 39.209$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.37, 8.32, 7.54) @1880 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1354; Calibrated: 2024/12/3
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.08 W/kg

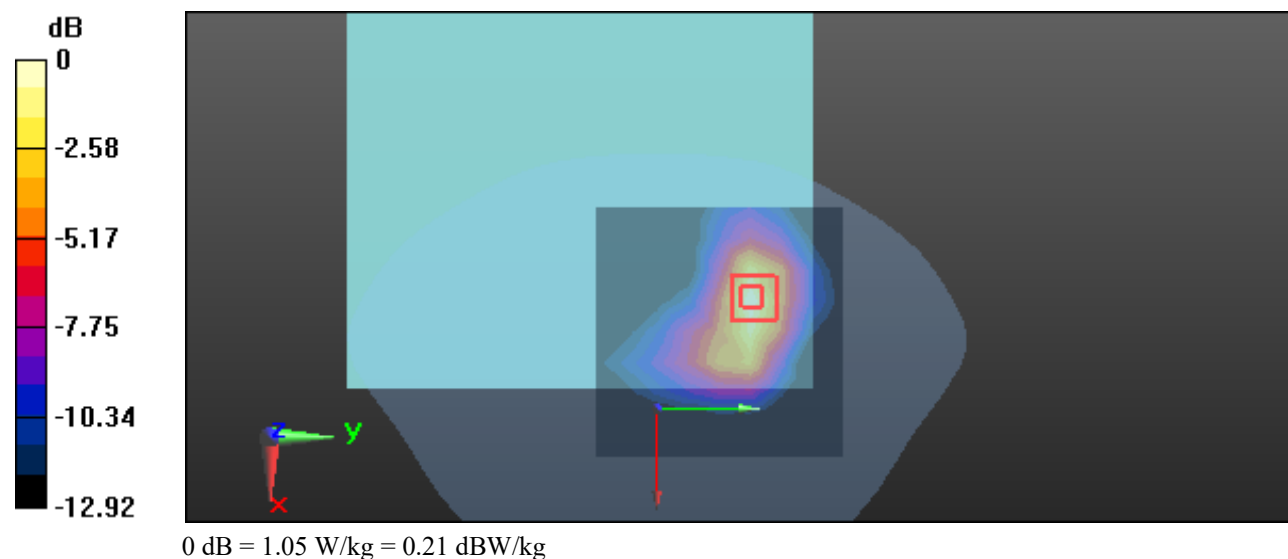
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.925 V/m; Power Drift = 0.08dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.886 W/kg; SAR(10 g) = 0.518 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



Test Plot 4#: WCDMA Band 4 High Body Back**DUT: Rugged Biometric Tablet; Type: ITS-S8600; Serial: 2XLX-1**

Communication System: WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 39.211$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.56, 8.56, 7.71) @1752.6 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1354; Calibrated: 2024/12/3
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.01 W/kg

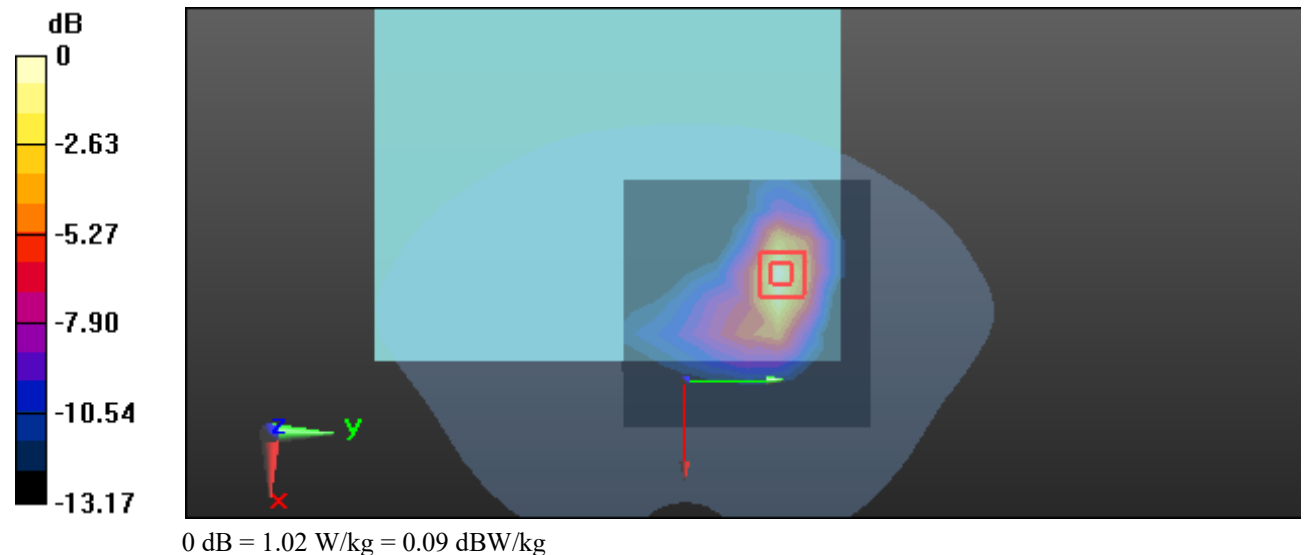
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.813 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.485 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



Test Plot 5#: WCDMA Band 5 Mid Body Back**DUT: Rugged Biometric Tablet; Type: ITS-S8600; Serial: 2XLX-1**

Communication System: WCDMA (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 42.119$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.42, 9.5, 8.93) @836.6 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1354; Calibrated: 2024/12/3
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.282 W/kg

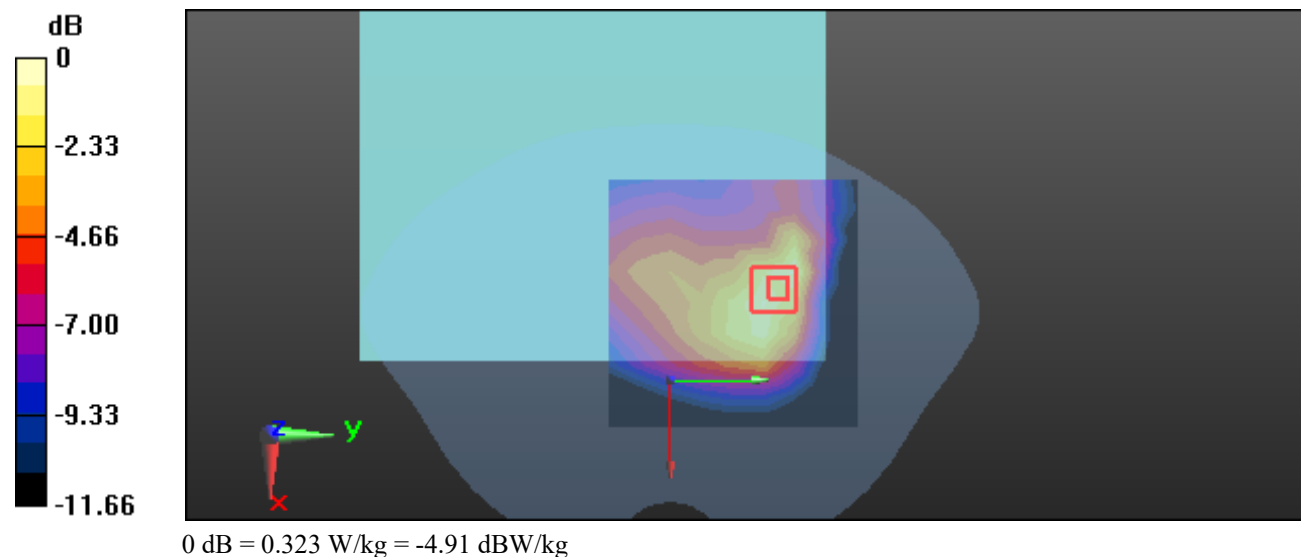
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.04 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.464 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 0.323 W/kg



Test Plot 6#: LTE Band 2 1RB Low Body Back**DUT: Rugged Biometric Tablet; Type: ITS-S8600; Serial: 2XLX-1**

Communication System: Generic FDD-LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1860$ MHz; $\sigma = 1.416$ S/m; $\epsilon_r = 39.235$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.37, 8.32, 7.54) @1860 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1354; Calibrated: 2024/12/3
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.716 W/kg

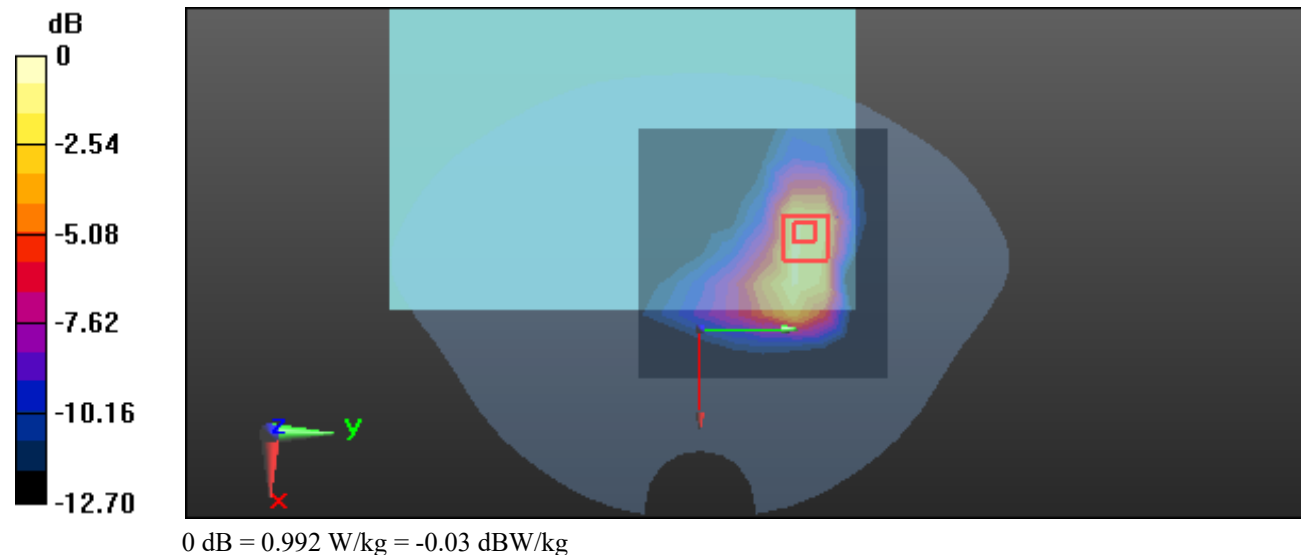
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.076 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.497 W/kg

Maximum value of SAR (measured) = 0.992 W/kg



Test Plot 7#: LTE Band 4 1RB Mid Body Back**DUT: Rugged Biometric Tablet; Type: ITS-S8600; Serial: 2XLX-1**

Communication System: Generic FDD-LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.344$ S/m; $\epsilon_r = 39.385$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.56, 8.56, 7.71) @1732.5 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1354; Calibrated: 2024/12/3
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.869 W/kg

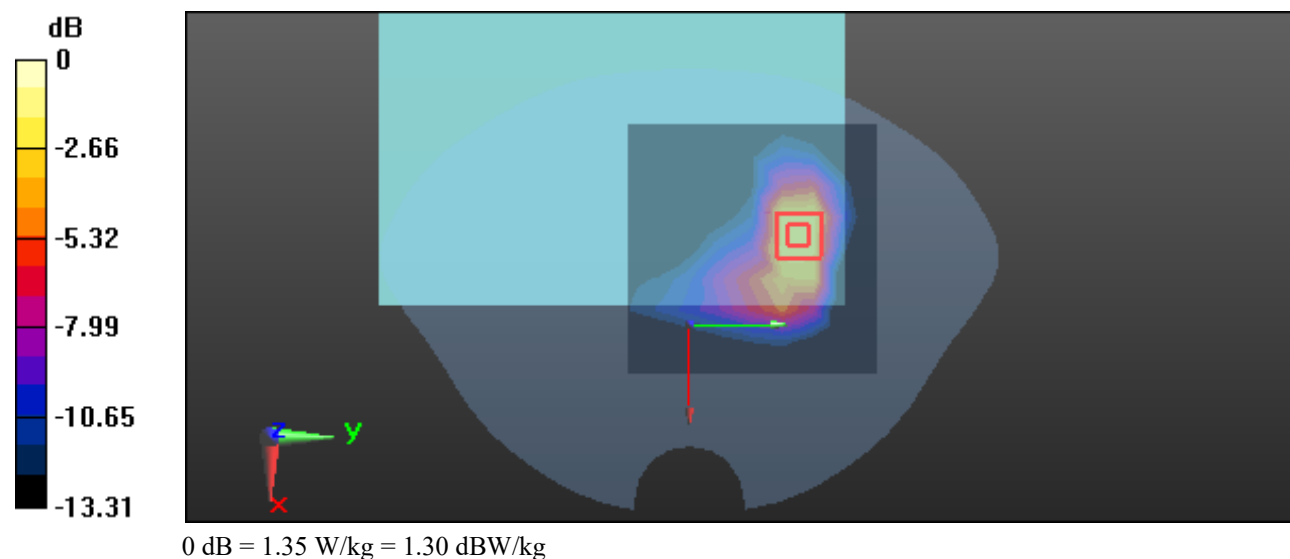
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.634 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.636 W/kg

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



Test Plot 8#: LTE Band 5 1RB Mid Body Back**DUT: Rugged Biometric Tablet; Type: ITS-S8600; Serial: 2XLX-1**

Communication System: Generic FDD-LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 42.121$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.42, 9.5, 8.93) @836.5 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1354; Calibrated: 2024/12/3
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.268 W/kg

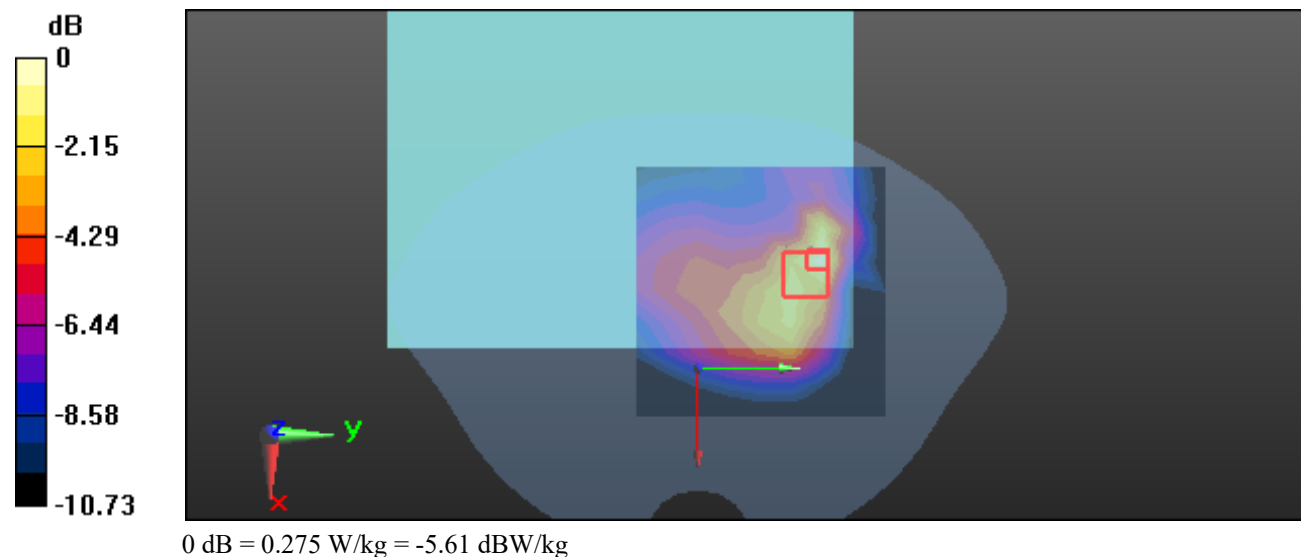
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.772 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.275 W/kg



Test Plot 9#: LTE Band 7 1RB Mid Body Back**DUT: Rugged Biometric Tablet; Type: ITS-S8600; Serial: 2XLX-1**

Communication System: Generic FDD-LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.958$ S/m; $\epsilon_r = 40.116$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(6.91, 7.77, 7.08) @2535 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1354; Calibrated: 2024/12/3
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

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

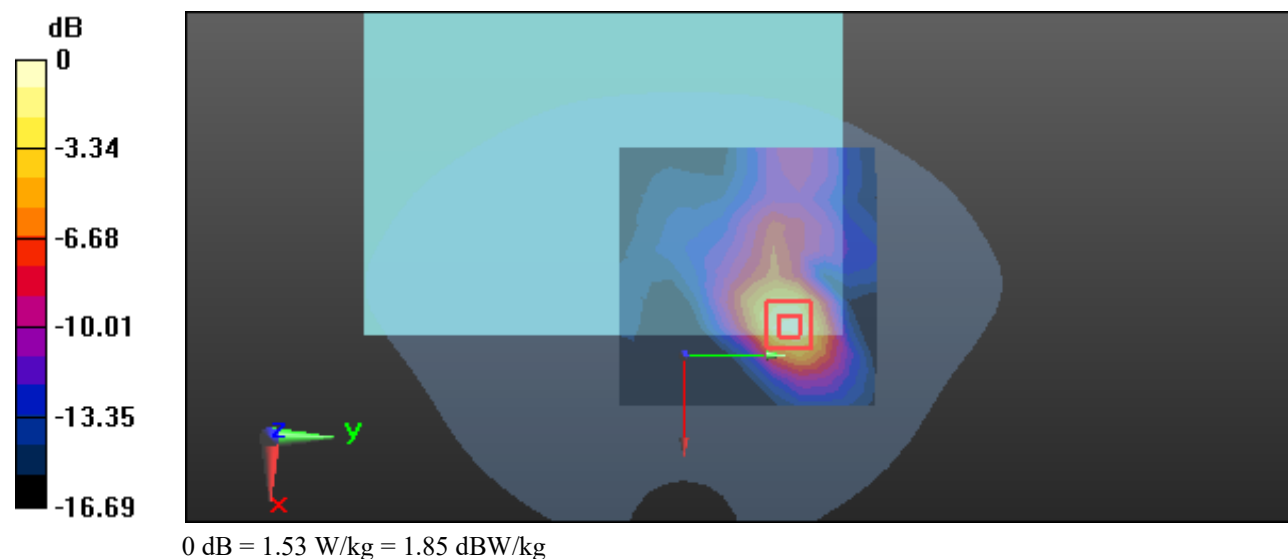
Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.287 V/m; Power Drift = 0.16dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.638 W/kg

Maximum value of SAR (measured) = 1.53 W/kg



Test Plot 10#: LTE Band 41 1RB Mid Body Left**DUT: Rugged Biometric Tablet; Type: ITS-S8600; Serial: 2XLX-1**

Communication System: Generic TDD-LTE (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2593$ MHz; $\sigma = 2.014$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(6.91, 7.77, 7.08) @2593 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1354; Calibrated: 2024/12/3
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.296 W/kg

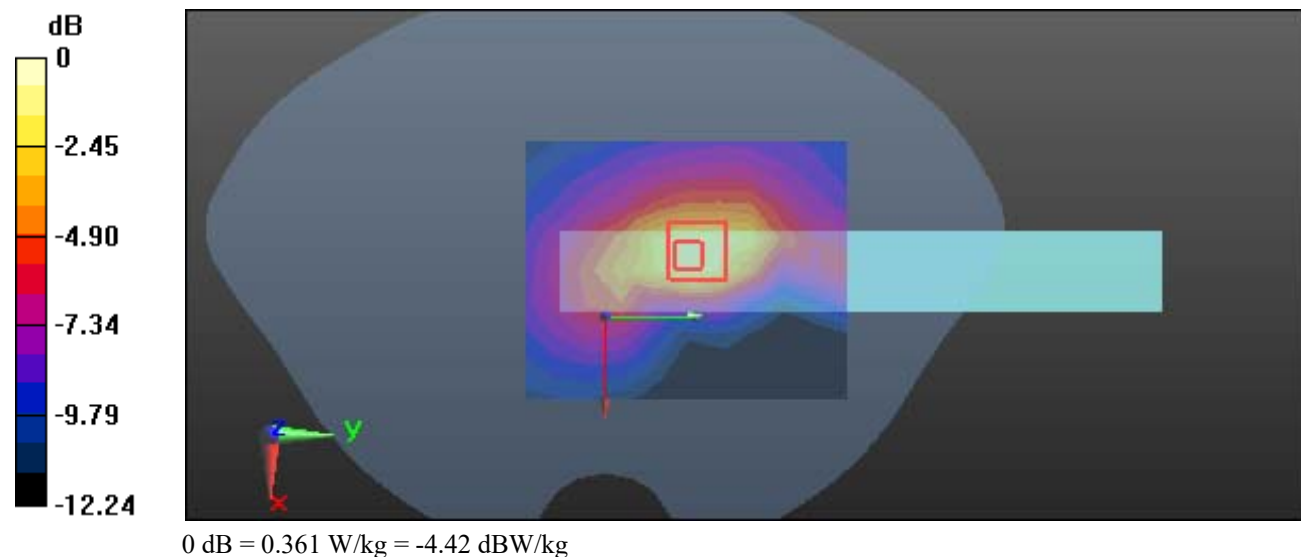
Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.200 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.361 W/kg



Test Plot 11#: 2.4G WIFI High Body Bottom**DUT: Rugged Biometric Tablet; Type: ITS-S8600; Serial: 2XLX-1**

Communication System: 802.11 b (0); Frequency: 2462 MHz; Duty Cycle: 1:1.031
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.05, 7.92, 7.22) @2462 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1354; Calibrated: 2024/12/3
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.198 W/kg

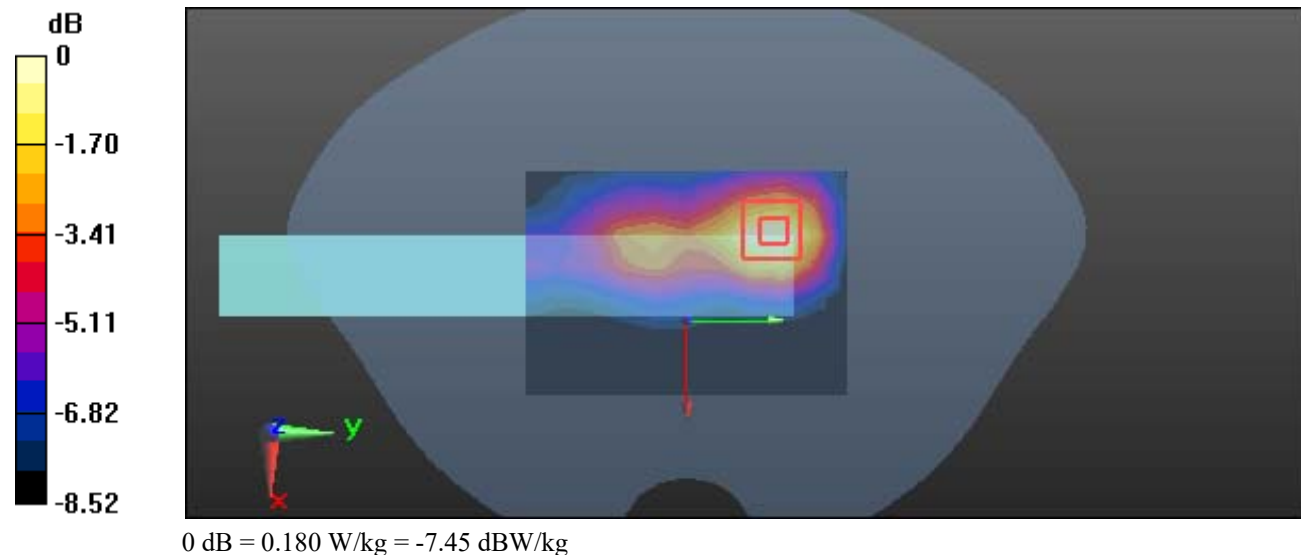
Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.462 V/m; Power Drift = 0.04dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.180 W/kg



Test Plot 12#: 5.2G WIFI Mid Body Bottom**DUT: Rugged Biometric Tablet; Type: ITS-S8600; Serial: 2XLX-1**

Communication System: 802.11 a (0); Frequency: 5200 MHz; Duty Cycle: 1:1.029
Medium parameters used: $f = 5200$ MHz; $\sigma = 4.752$ S/m; $\epsilon_r = 36.769$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.96, 5.61, 5.16) @5200 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1354; Calibrated: 2024/12/3
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (7x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.404 W/kg

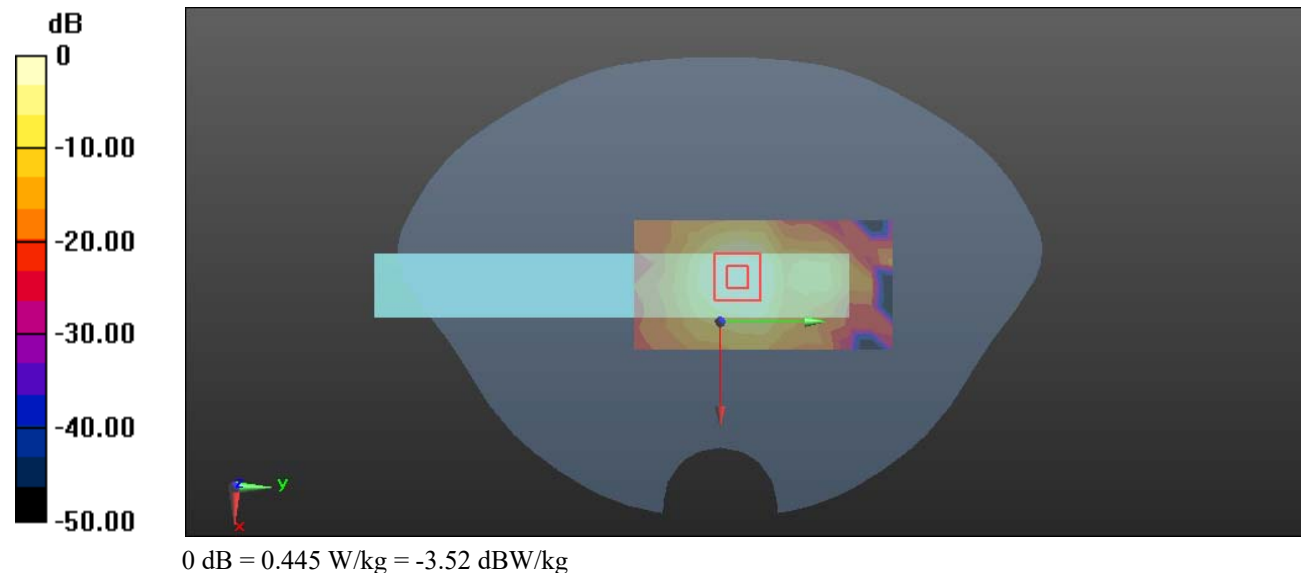
Zoom Scan (8x8x12) /Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.570 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.716 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.445 W/kg



Test Plot 13#: 5.8G WIFI High Body Back**DUT: Rugged Biometric Tablet; Type: ITS-S8600; Serial: 2XLX-1**

Communication System: 802.11 a (0); Frequency: 5825 MHz; Duty Cycle: 1:1.029
Medium parameters used: $f = 5825$ MHz; $\sigma = 5.368$ S/m; $\epsilon_r = 34.746$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.54, 5.16, 4.7) @5825 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1354; Calibrated: 2024/12/3
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.232 W/kg

Zoom Scan (8x8x12) /Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.292 V/m; Power Drift = 0.07dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.297 W/kg

