

Test Plot 1#: GSM 850 Mid Head Left Cheek**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic GPRS-4 slots (0); Frequency: 836.6 MHz; Duty Cycle: 1:2
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.738$; $\rho = 1000$ kg/m³ ;
Phantom section: Left 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 (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.295 W/kg

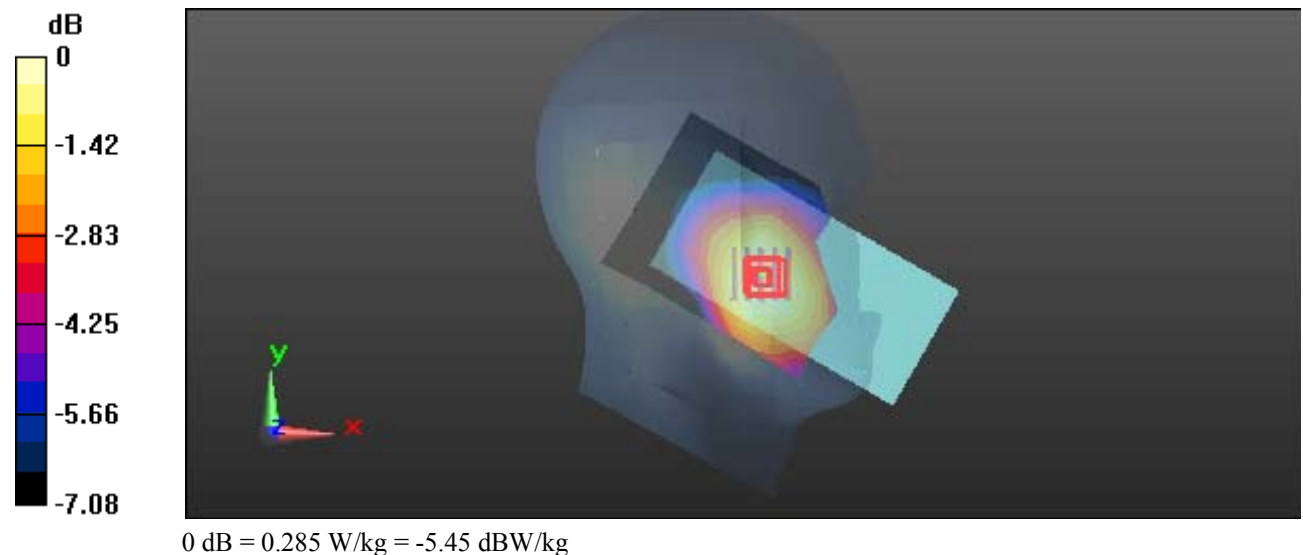
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.306 V/m; Power Drift = 0.19dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.200 W/kg

Maximum value of SAR (measured) = 0.285 W/kg



Test Plot 2#: GSM 850 Mid Body Back**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic GPRS-4 slots (0); Frequency: 836.6 MHz; Duty Cycle: 1:2
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.738$; $\rho = 1000$ 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.650 W/kg

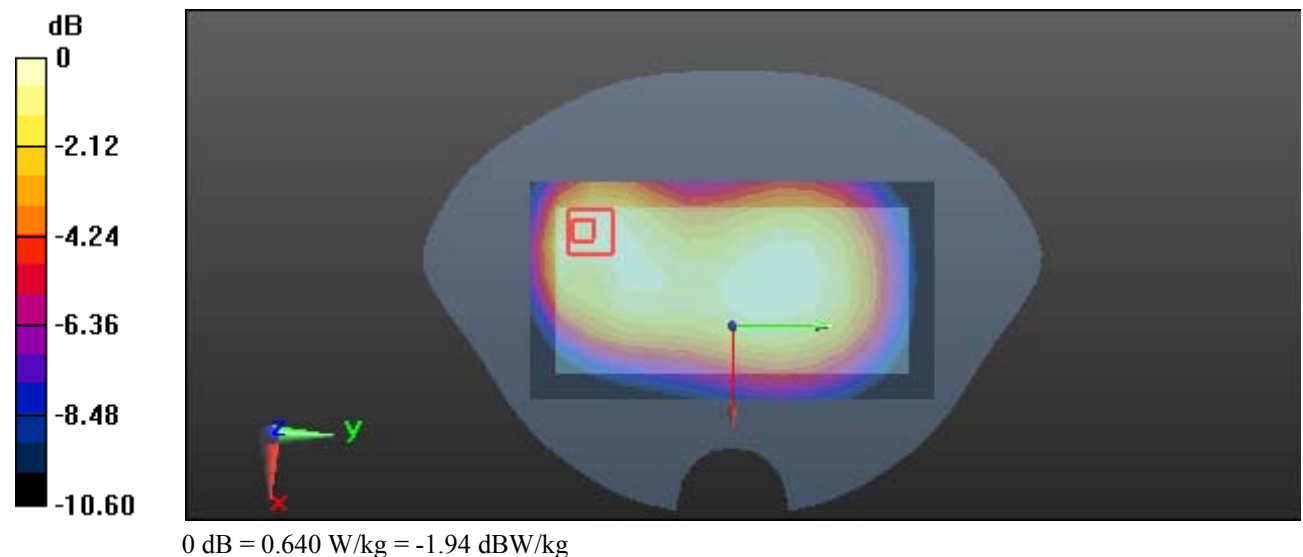
Zoom Scan (6x6x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.77 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.951 W/kg

SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.343 W/kg

Maximum value of SAR (measured) = 0.640 W/kg



Test Plot 3#: PCS 1900 Mid Head Right Cheek**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.934$; $\rho = 1000$ kg/m³ ;

Phantom section: Right 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 (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.224 W/kg

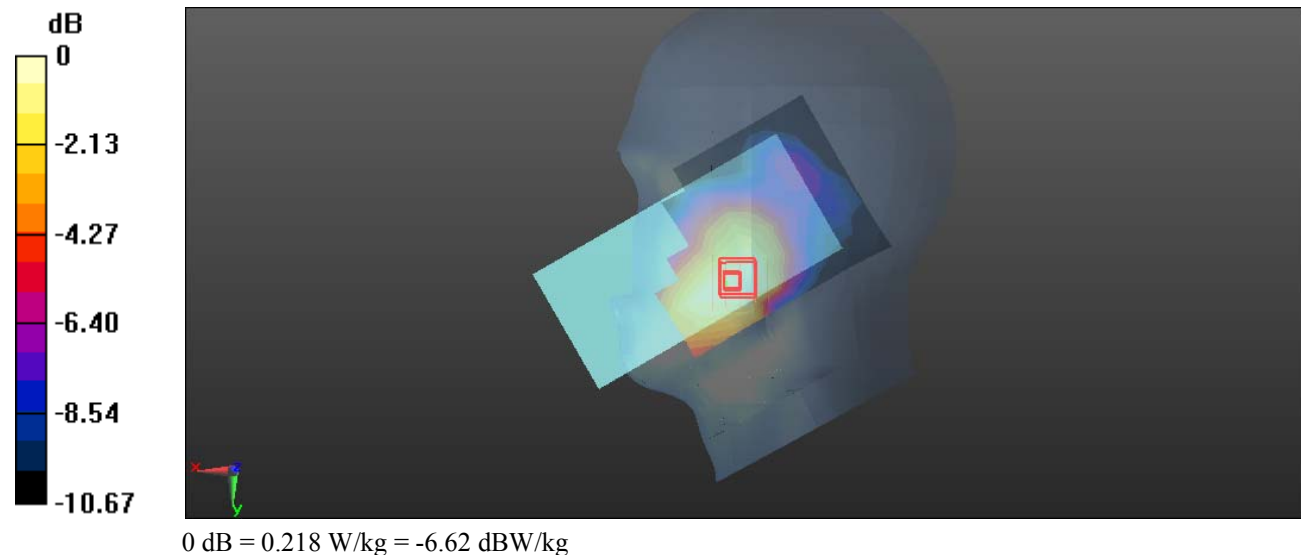
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.405 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.218 W/kg



Test Plot 4#: PCS 1900 Low Body Back**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic GPRS-4 slots (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.405$ S/m; $\epsilon_r = 40.967$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.37, 8.32, 7.54) @1850.2 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.37 W/kg

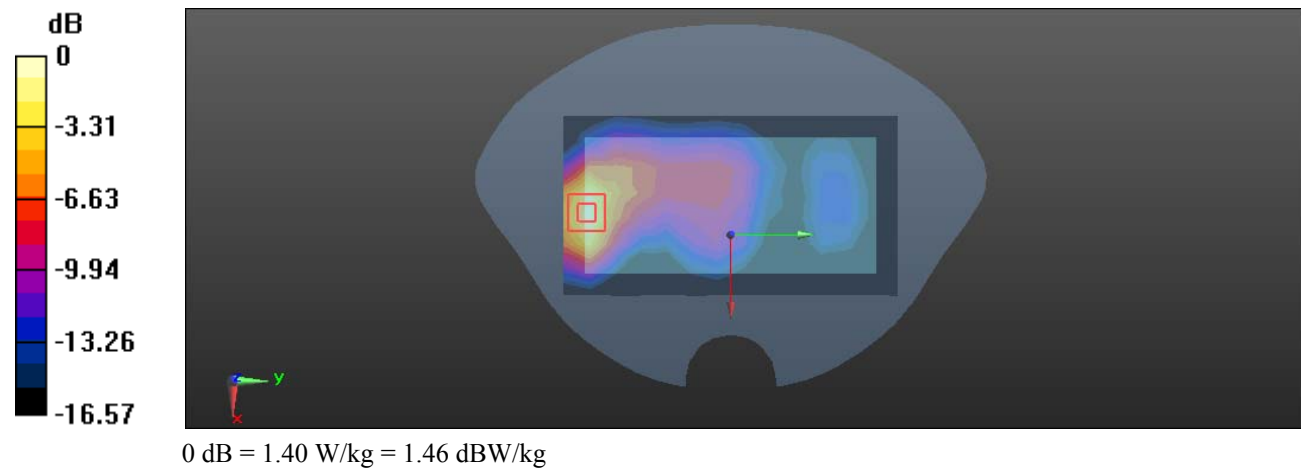
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.03 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.617 W/kg

Maximum value of SAR (measured) = 1.40 W/kg



Test Plot 5#: WCDMA Band 2 Mid Head Right Cheek**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.419$ S/m; $\epsilon_r = 41.063$; $\rho = 1000$ kg/m³ ;
Phantom section: Right 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 (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.410 W/kg

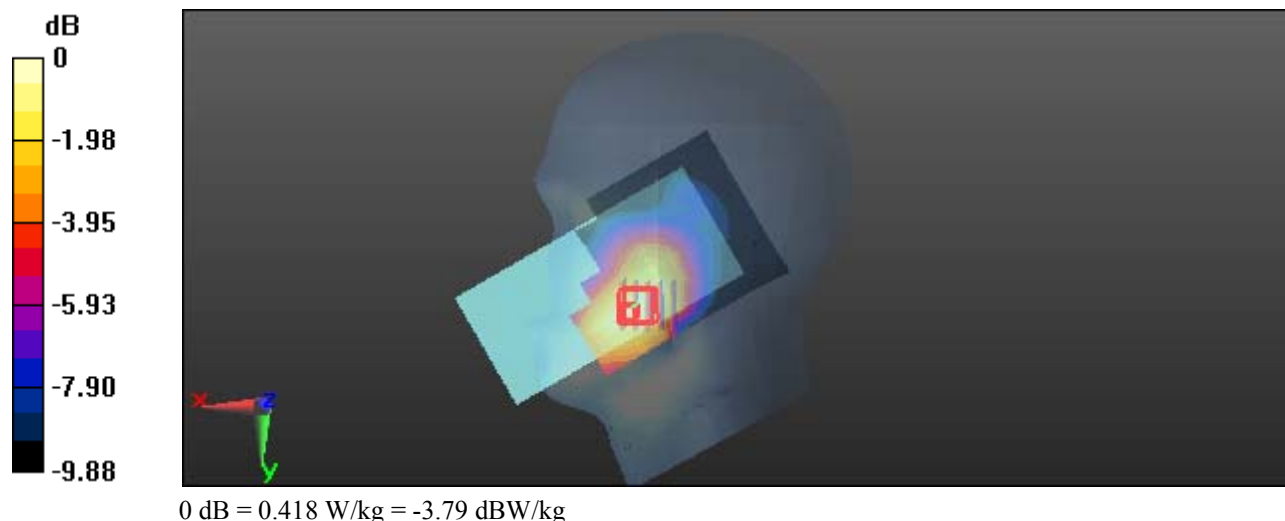
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.593 V/m; Power Drift = 0.02dB

Peak SAR (extrapolated) = 0.572 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.418 W/kg



Test Plot 6#: WCDMA Band 2 Low Body Back**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.397$ S/m; $\epsilon_r = 41.519$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.37, 8.32, 7.54) @1852.4 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

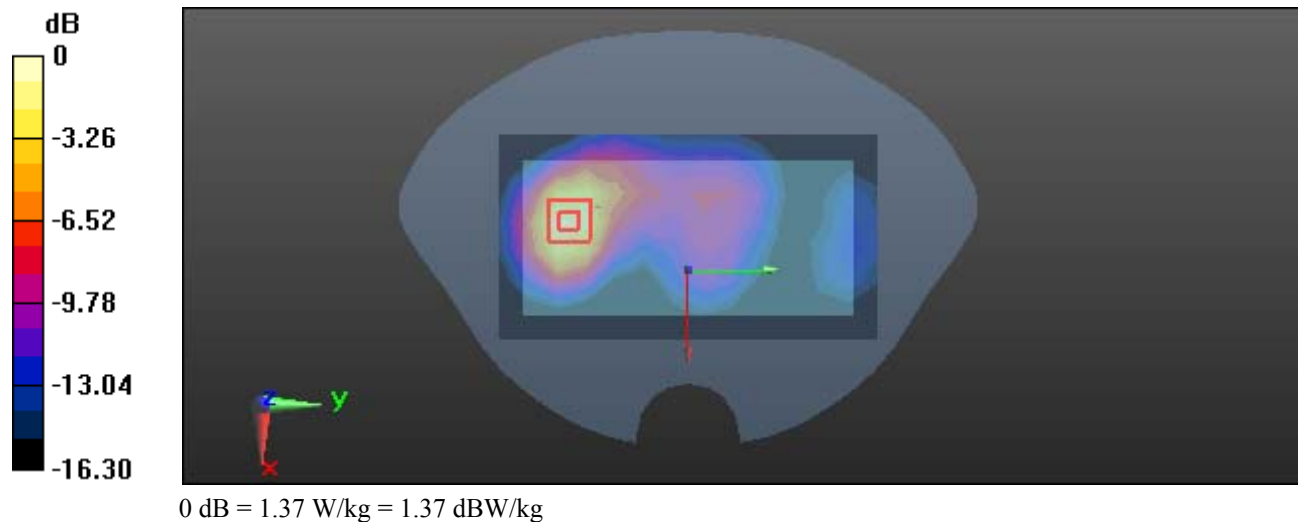
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.624 V/m; Power Drift = 0.09dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.624 W/kg

Maximum value of SAR (measured) = 1.37 W/kg



Test Plot 7#: WCDMA Band 5 Mid Head Left Cheek**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic WCDMA (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.738$; $\rho = 1000$ kg/m³ ;
Phantom section: Left 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 (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.265 W/kg

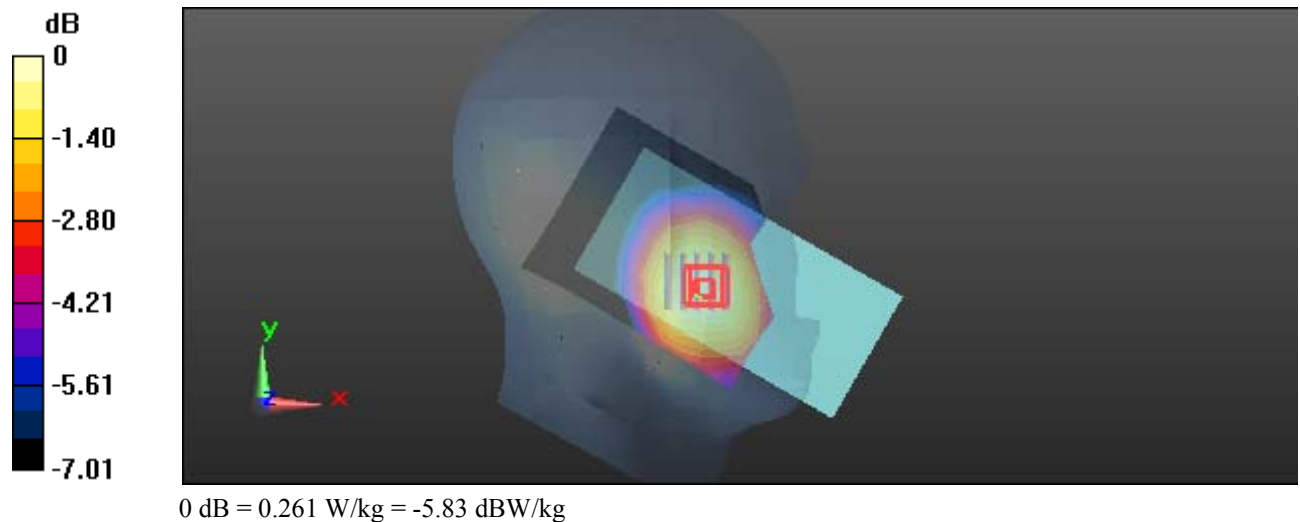
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.217 V/m; Power Drift = 0.11dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.261 W/kg



Test Plot 8#: WCDMA Band 5 Mid Body Back**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic WCDMA (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.738$; $\rho = 1000$ 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.366 W/kg

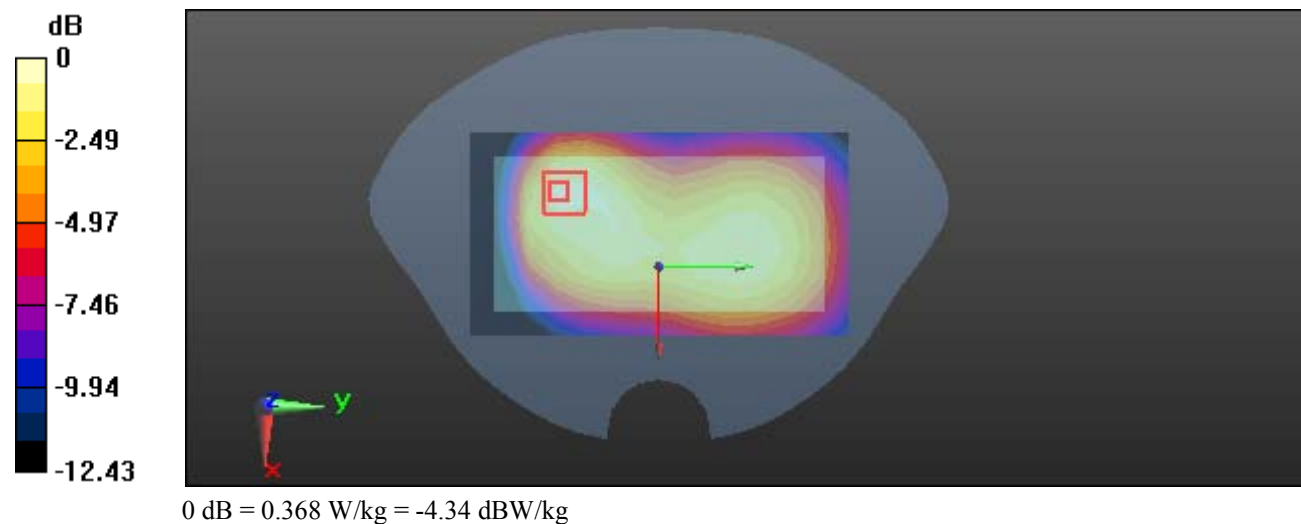
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.15 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.568 W/kg

SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 0.368 W/kg



Test Plot 9#: LTE Band 2 1RB Mid Head Right Cheek**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic FDD-LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.419$ S/m; $\epsilon_r = 41.063$; $\rho = 1000$ kg/m³ ;
Phantom section: Right 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 (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.271 W/kg

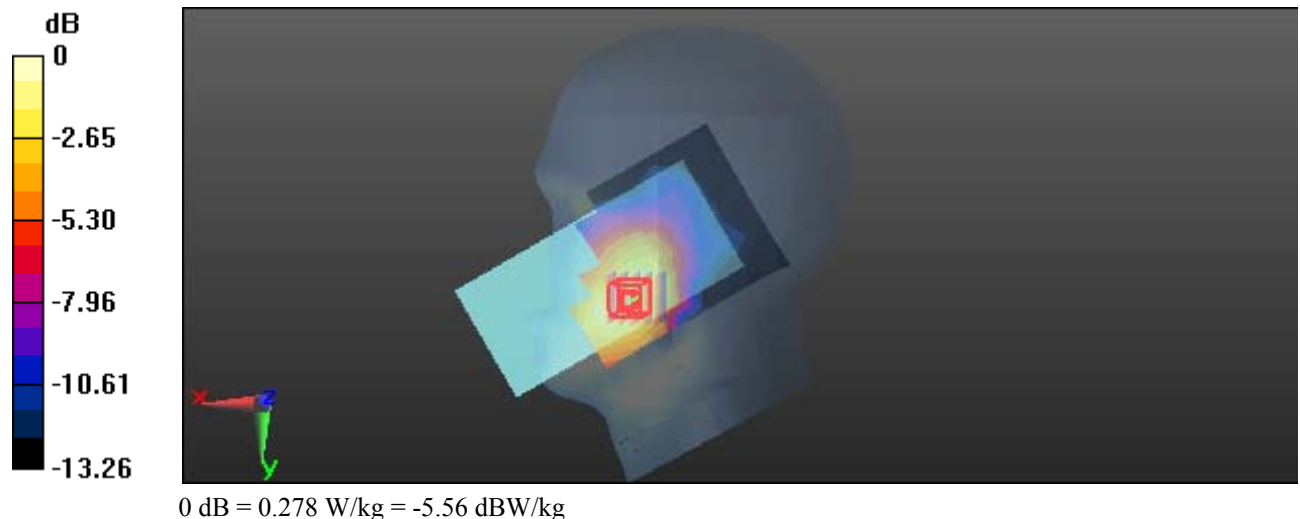
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.989 V/m; Power Drift = 0.16dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.278 W/kg



Test Plot 10#: LTE Band 2 1RB Low Body Back**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic FDD-LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1860$ MHz; $\sigma = 1.403$ S/m; $\epsilon_r = 41.394$; $\rho = 1000$ 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.31 W/kg

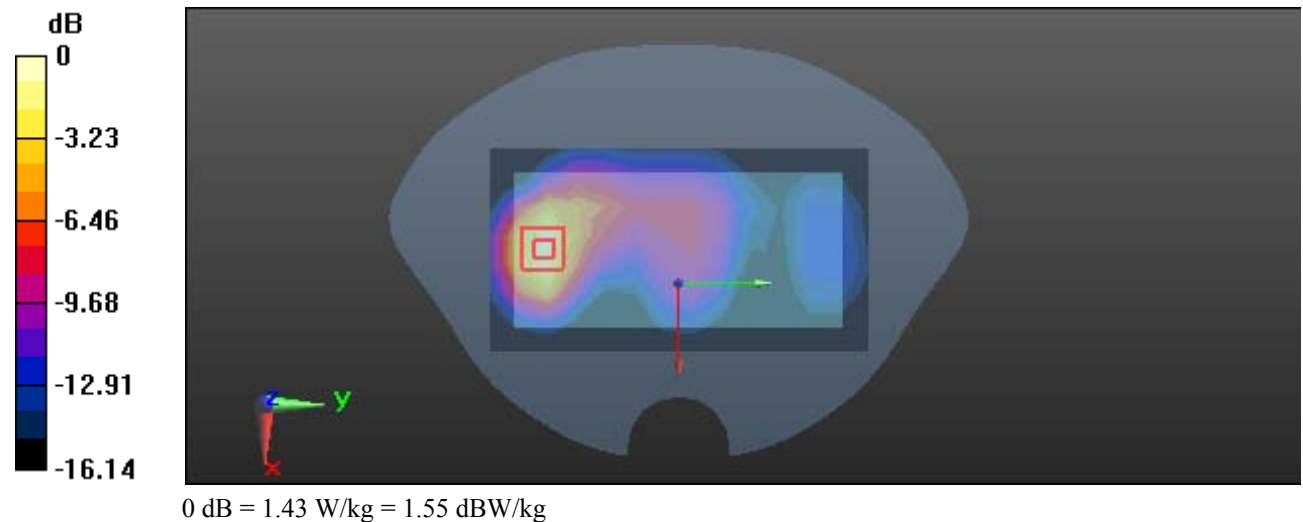
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.80 V/m; Power Drift = 0.11dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.633 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



Test Plot 11#: LTE Band 5 50%RB Mid Head Left Cheek**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic FDD-LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.739$; $\rho = 1000$ kg/m³ ;
Phantom section: Left 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 (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.238 W/kg

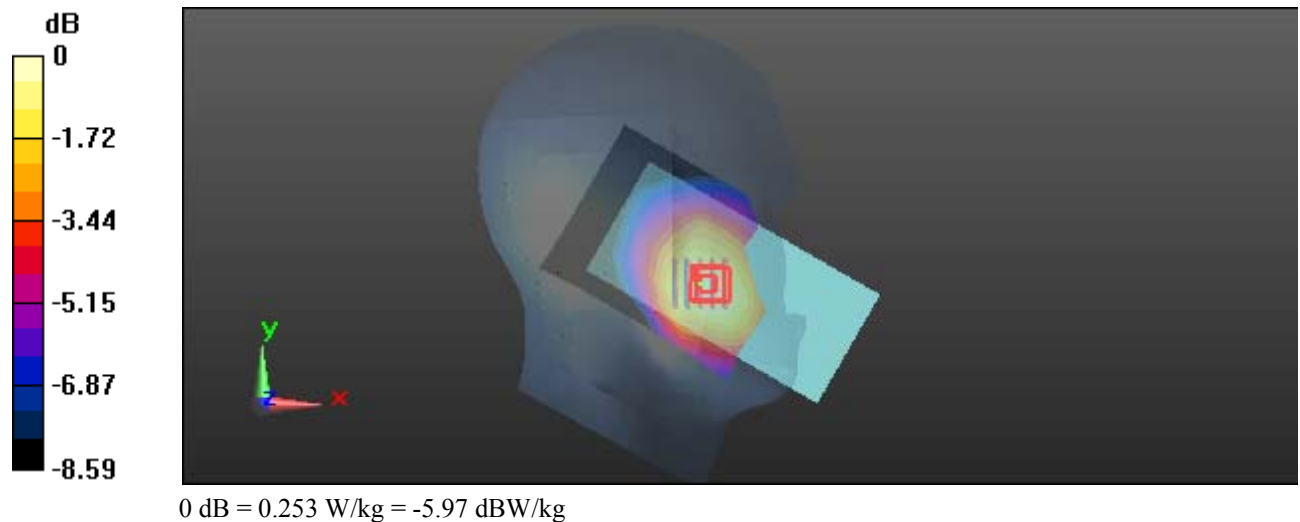
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.428 V/m; Power Drift = 0.05dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.253 W/kg



Test Plot 12#: LTE Band 5 1RB Mid Body Back**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic FDD-LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.739$; $\rho = 1000$ 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.331 W/kg

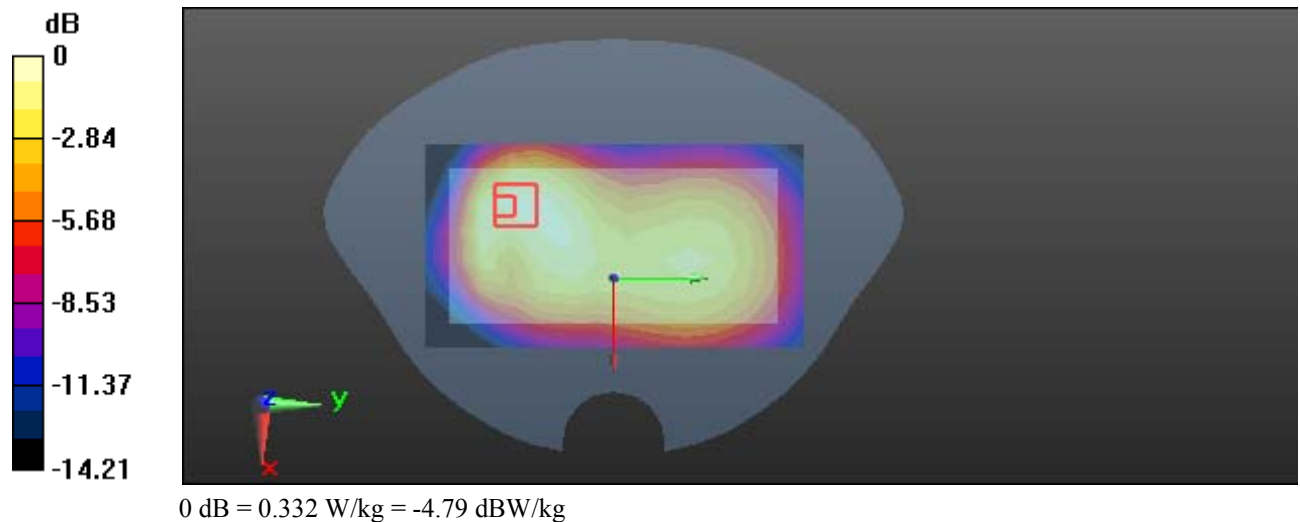
Zoom Scan (6x6x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.73 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.332 W/kg



Test Plot 13#: LTE Band 7 1RB Mid Head Right Cheek**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic FDD-LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.91$ S/m; $\epsilon_r = 39.753$; $\rho = 1000$ kg/m³;
Phantom section: Right 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 (10x12x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.336 W/kg

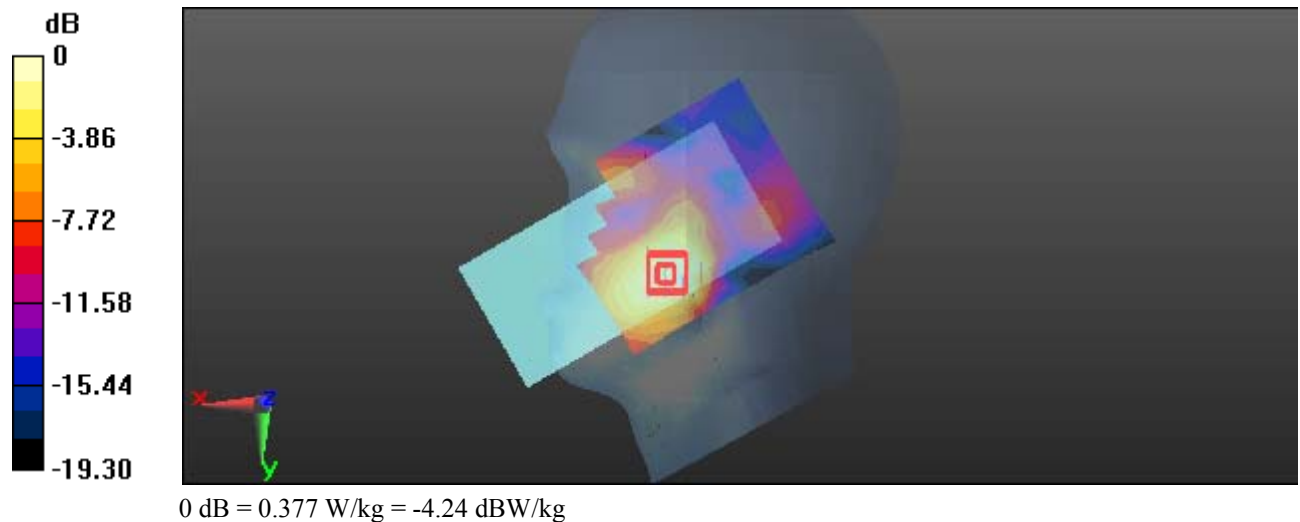
Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.342 V/m; Power Drift = 0.20dB

Peak SAR (extrapolated) = 0.577 W/kg

SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.377 W/kg



Test Plot 14#: LTE Band 7 1RB Mid Body Back**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic FDD-LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.91$ S/m; $\epsilon_r = 39.753$; $\rho = 1000$ 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 (10x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.728 W/kg

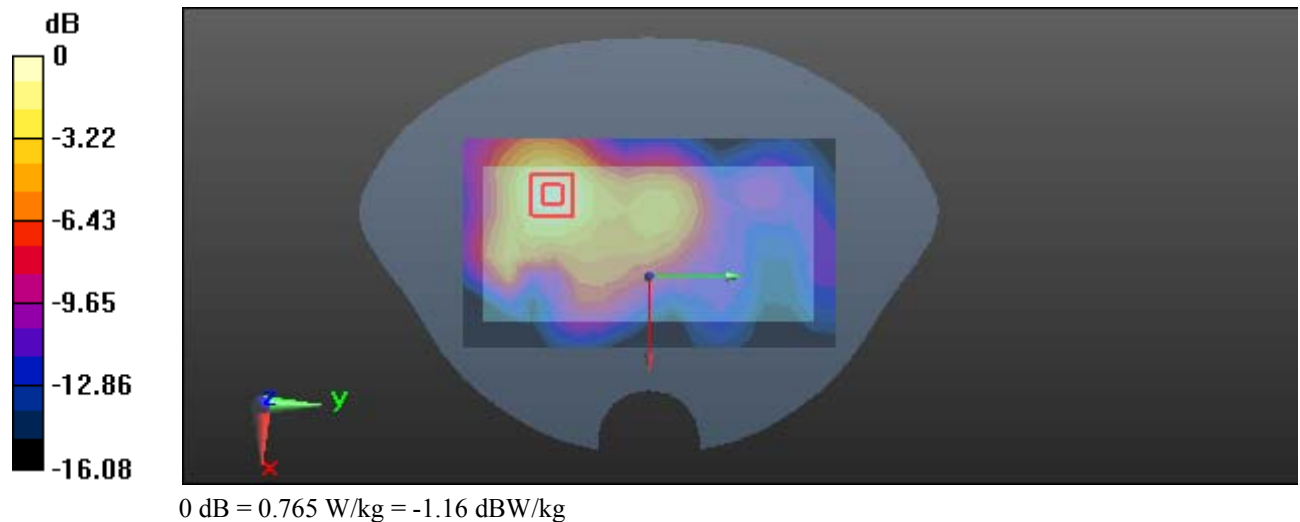
Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.27 V/m; Power Drift = 0.10dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.356 W/kg

Maximum value of SAR (measured) = 0.765 W/kg



Test Plot 15#: LTE Band 12 1RB Mid Head Left Cheek**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic FDD-LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.868$ S/m; $\epsilon_r = 43.238$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.79, 10.07, 9.05) @707.5 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 (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0286 W/kg

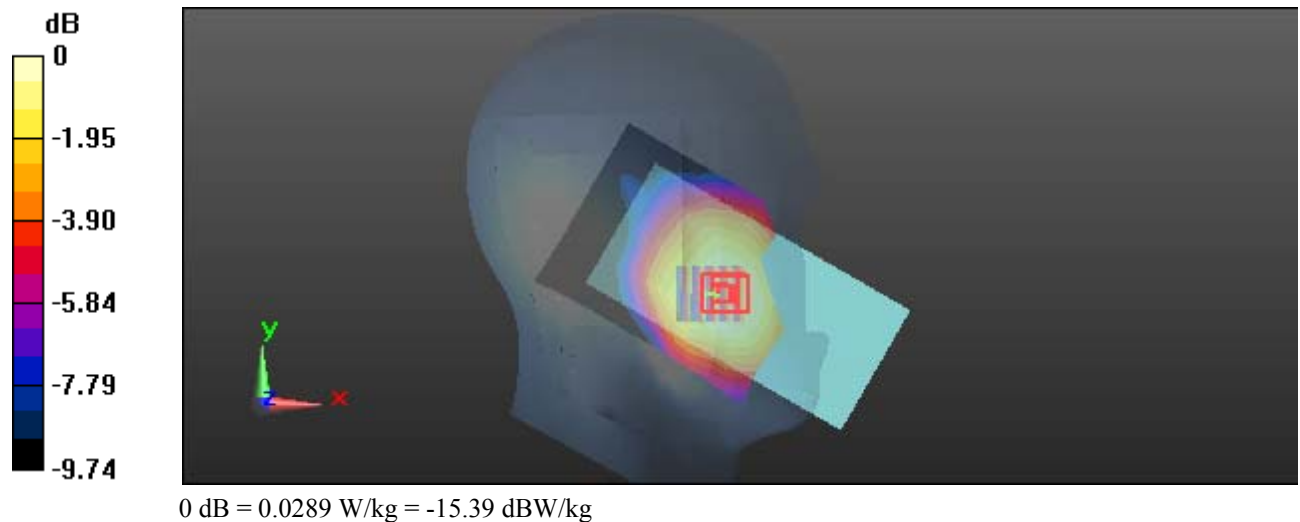
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.393 V/m; Power Drift = 0.02dB

Peak SAR (extrapolated) = 0.0400 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0289 W/kg



Test Plot 16#: LTE Band 12 50%RB Mid Body Back**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic FDD-LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.868$ S/m; $\epsilon_r = 43.238$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.79, 10.07, 9.05) @707.5 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.137 W/kg

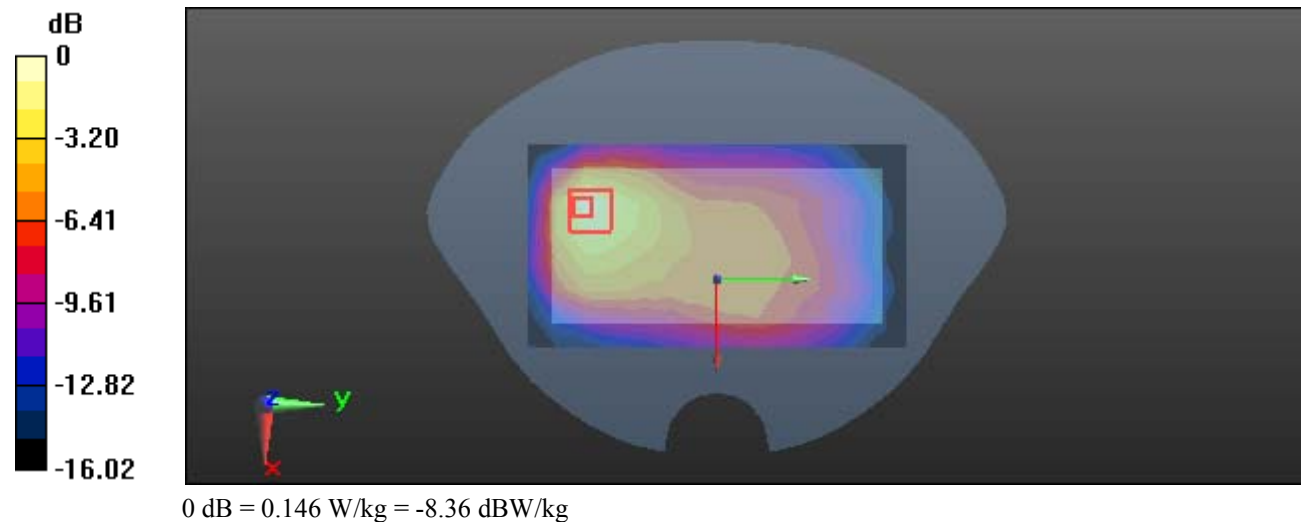
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.950 V/m; Power Drift = 0.18dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.146 W/kg



Test Plot 17#: LTE Band 38 1RB Mid Head Right Cheek**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic TDD-LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2595$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 39.212$; $\rho = 1000$ kg/m³ ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(6.91, 7.77, 7.08) @2595 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 (10x12x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.251 W/kg

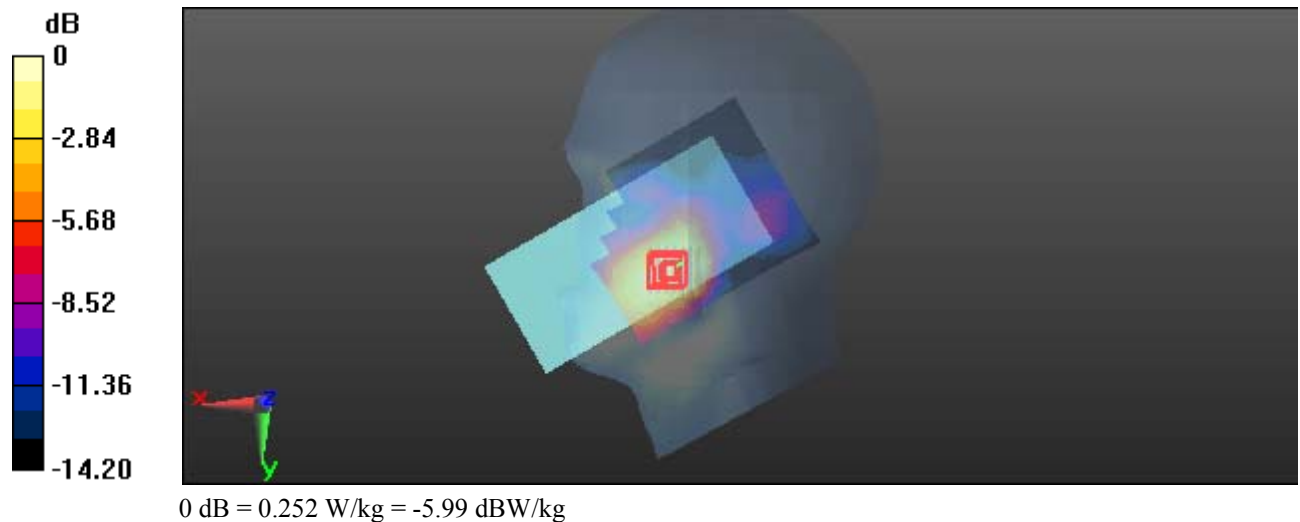
Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.407 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.252 W/kg



Test Plot 18#: LTE Band 38 1RB Mid Body Back**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic TDD-LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2595$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 39.212$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(6.91, 7.77, 7.08) @2595 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 (10x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.349 W/kg

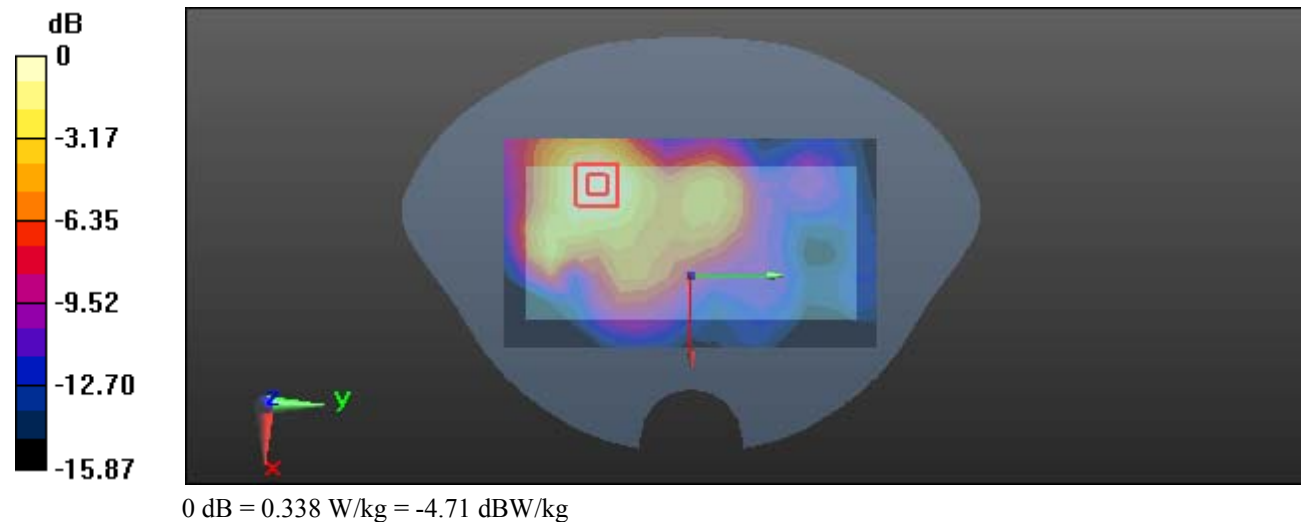
Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.053 V/m; Power Drift = 0.17dB

Peak SAR (extrapolated) = 0.536 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.338 W/kg



Test Plot 19#: LTE Band 66 1RB Mid Head Right Cheek**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic FDD-LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1745$ MHz; $\sigma = 1.331$ S/m; $\epsilon_r = 40.683$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.56, 8.56, 7.71) @1745 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 (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.156 W/kg

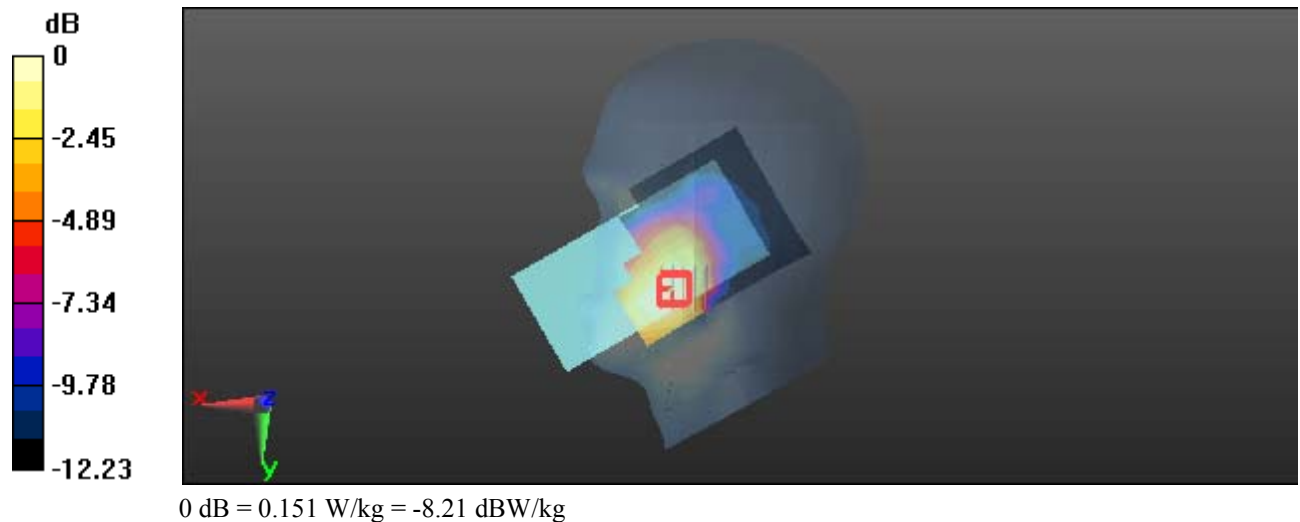
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.303 V/m; Power Drift = 0.18dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.151 W/kg



Test Plot 20#: LTE Band 66 1RB Low Body Back**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: Generic FDD-LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1720$ MHz; $\sigma = 1.326$ S/m; $\epsilon_r = 40.831$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.56, 8.56, 7.71) @1720 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.36 W/kg

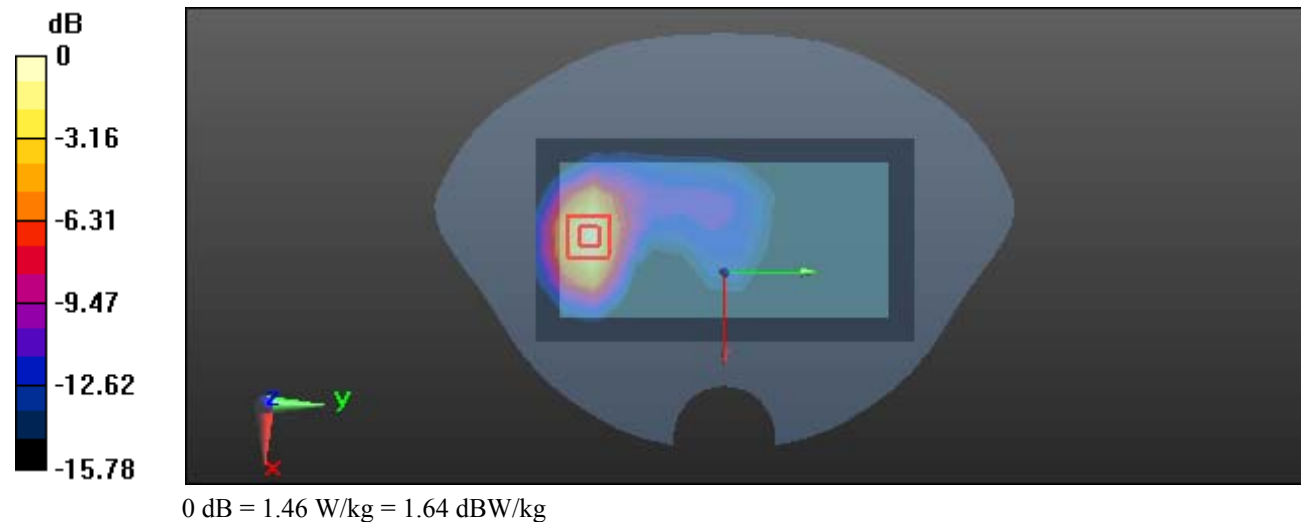
Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.395 V/m; Power Drift = 0.16dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.639 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



Test Plot 21#: 2.4G WIFI Mid Head Right Cheek**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: 802.11 b (0); Frequency: 2442 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2442$ MHz; $\sigma = 1.793$ S/m; $\epsilon_r = 39.665$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.05, 7.92, 7.22) @2442 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=12mm, dy=12mm

Maximum value of SAR (measured) = 0.538 W/kg

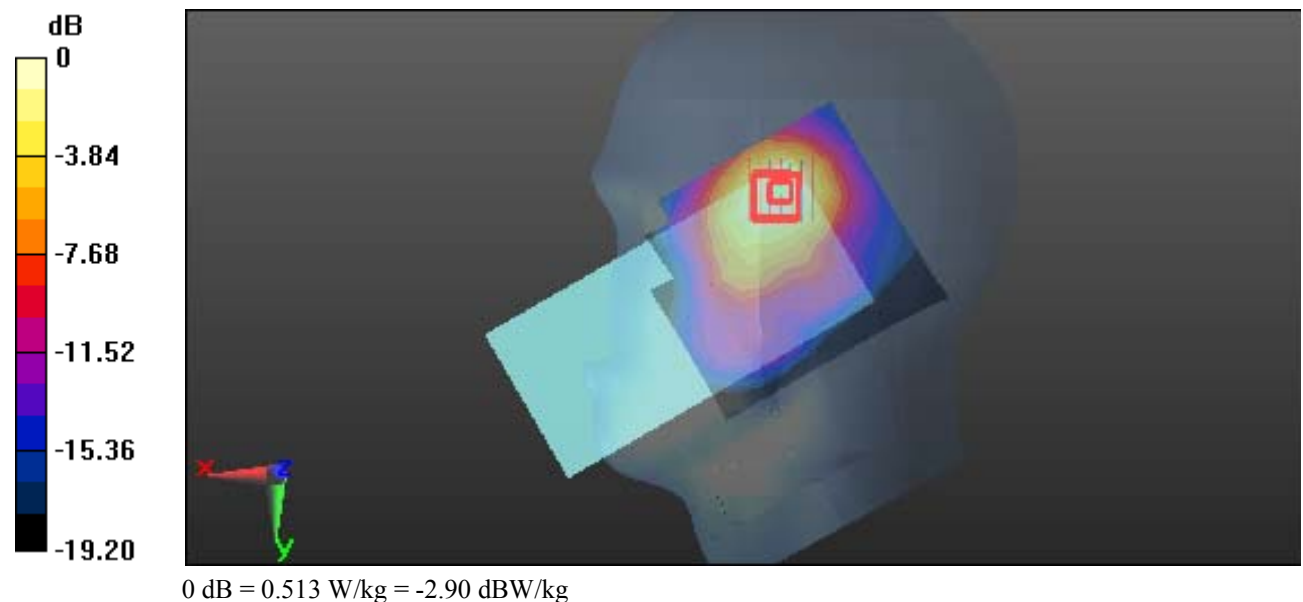
Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.400 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.513 W/kg



Test Plot 22#: 2.4G WIFI Mid Body Back**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: 802.11 b (0); Frequency: 2442 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2442$ MHz; $\sigma = 1.793$ S/m; $\epsilon_r = 39.665$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.05, 7.92, 7.22) @2442 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=12mm, dy=12mm

Maximum value of SAR (measured) = 0.173 W/kg

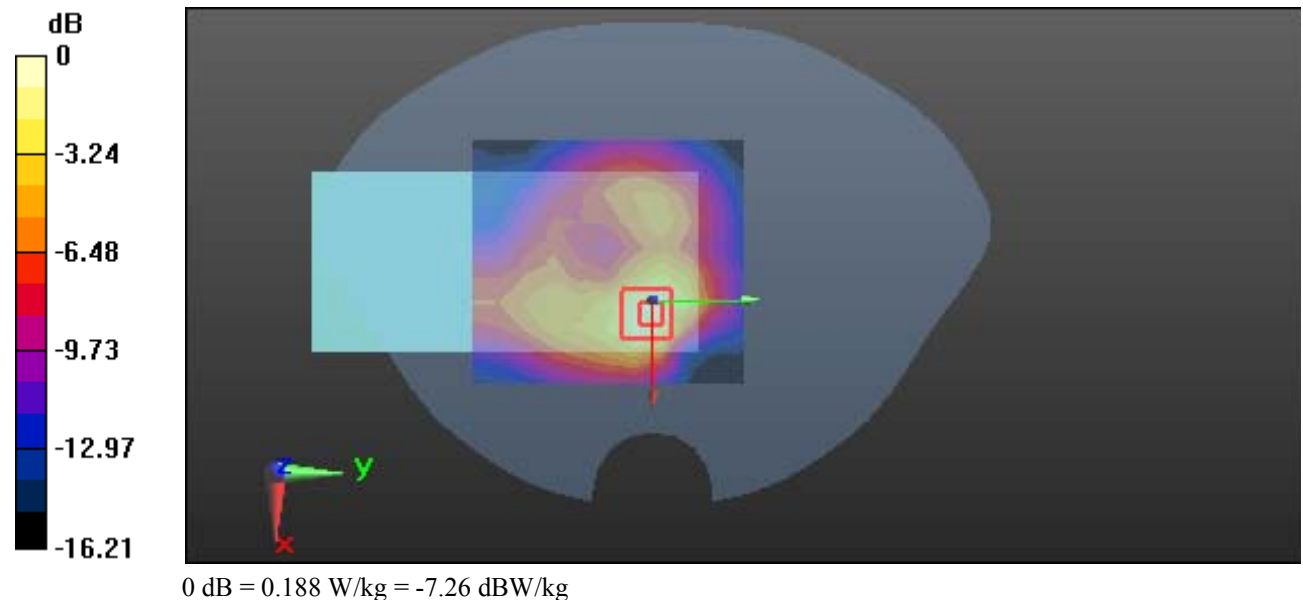
Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.252 V/m; Power Drift = 0.01dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.188 W/kg



Test Plot 23#: WLAN 5.2G 802.11a Mid Head Left Cheek**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1.035
Medium parameters used: $f = 5200$ MHz; $\sigma = 4.558$ S/m; $\epsilon_r = 35.716$; $\rho = 1000$ kg/m³ ;
Phantom section: Left 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 (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.567 W/kg

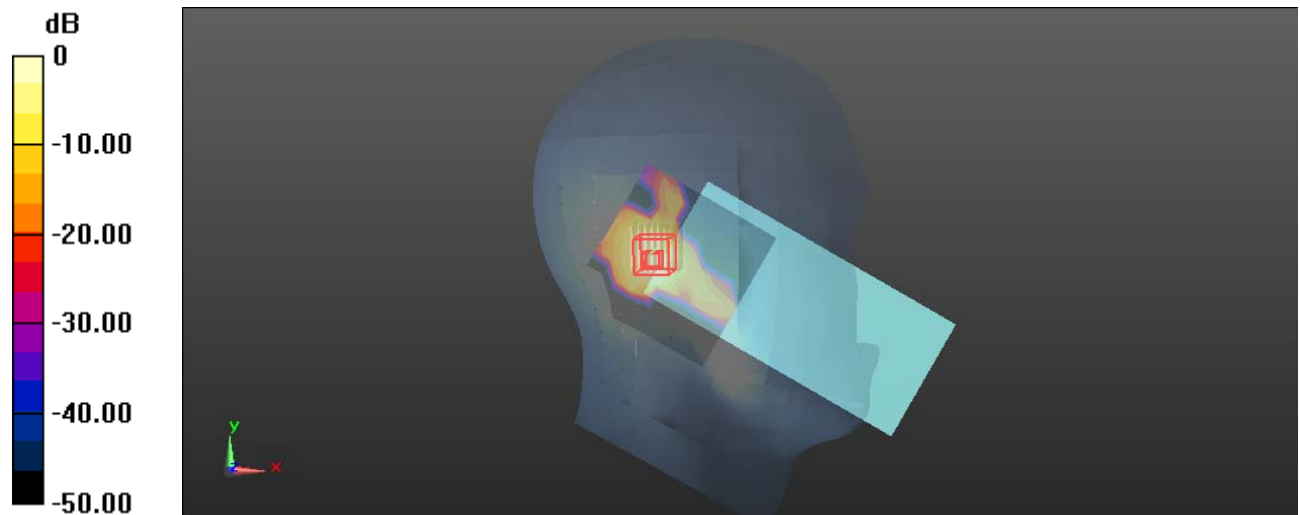
Zoom Scan (8x8x12) /Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

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

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.574 W/kg



Test Plot 24#: WLAN 5.2G 802.11a Mid Body Top**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1.035
Medium parameters used: $f = 5200$ MHz; $\sigma = 4.558$ S/m; $\epsilon_r = 35.716$; $\rho = 1000$ 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 (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.146 W/kg

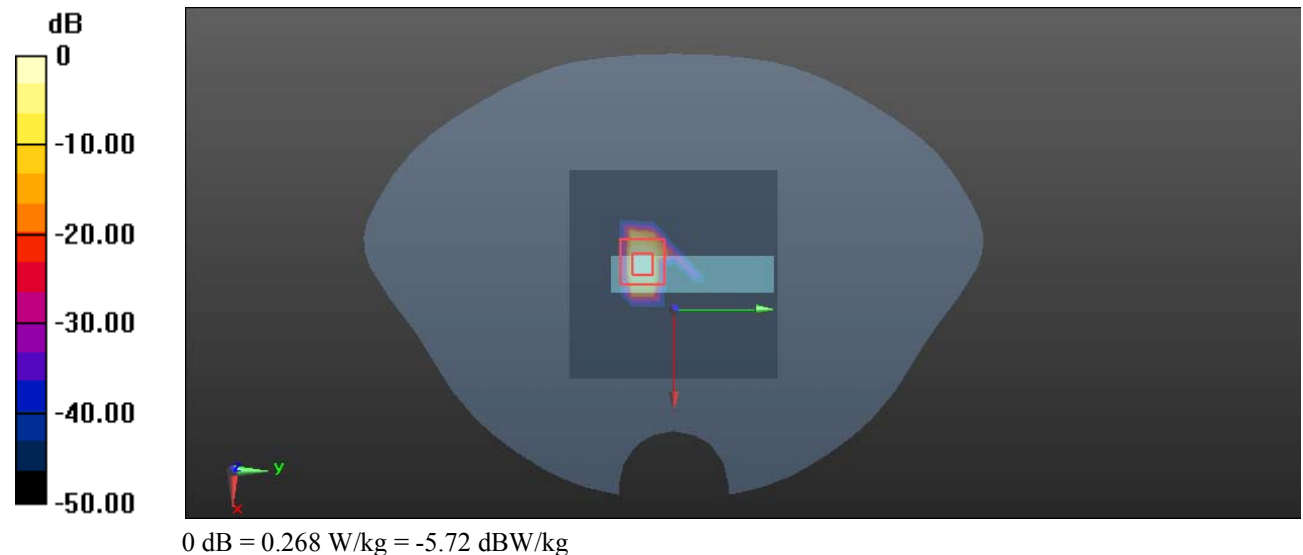
Zoom Scan (8x8x12) /Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

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

Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.021 W/kg

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



Test Plot 25#: WLAN 5.3G 802.11a Mid Head Left Tilt**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: 5.3G WiFi (0); Frequency: 5280 MHz; Duty Cycle: 1:1.035
Medium parameters used: $f = 5280$ MHz; $\sigma = 4.647$ S/m; $\epsilon_r = 35.615$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.96, 5.61, 5.16) @5280 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 (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.405 W/kg

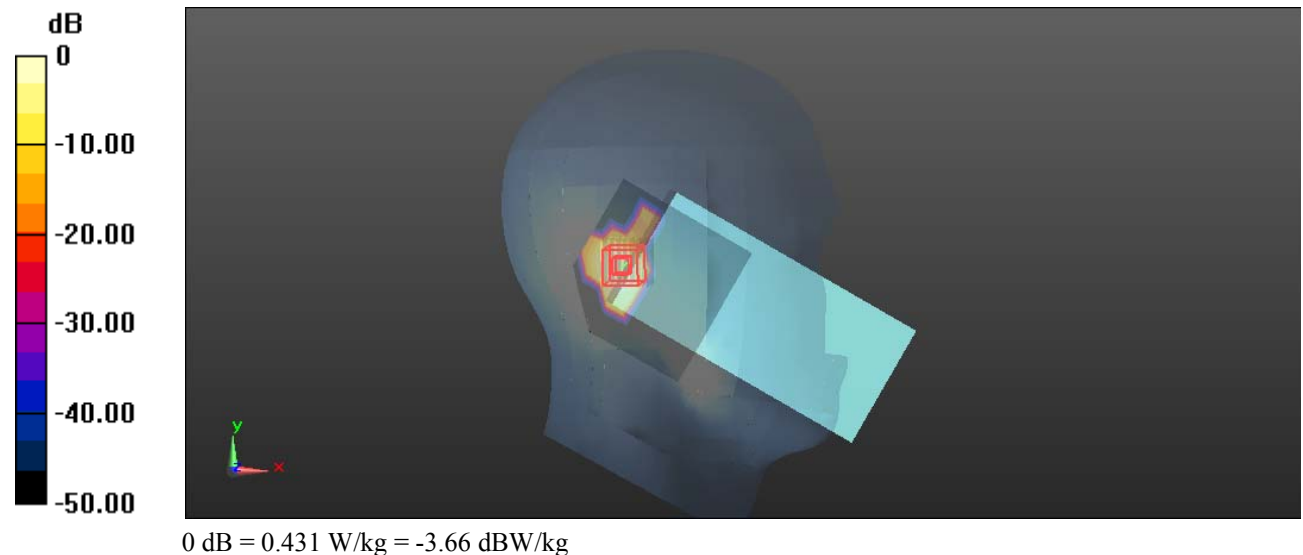
Zoom Scan (8x8x12) /Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

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

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.431 W/kg



Test Plot 26#: WLAN 5.3G 802.11a Mid Body Back**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: 5.3G WiFi (0); Frequency: 5280 MHz; Duty Cycle: 1:1.035
Medium parameters used: $f = 5280$ MHz; $\sigma = 4.647$ S/m; $\epsilon_r = 35.615$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.96, 5.61, 5.16) @5280 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 (10x10x1): Measurement grid: dx=10mm, dy=10mm

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

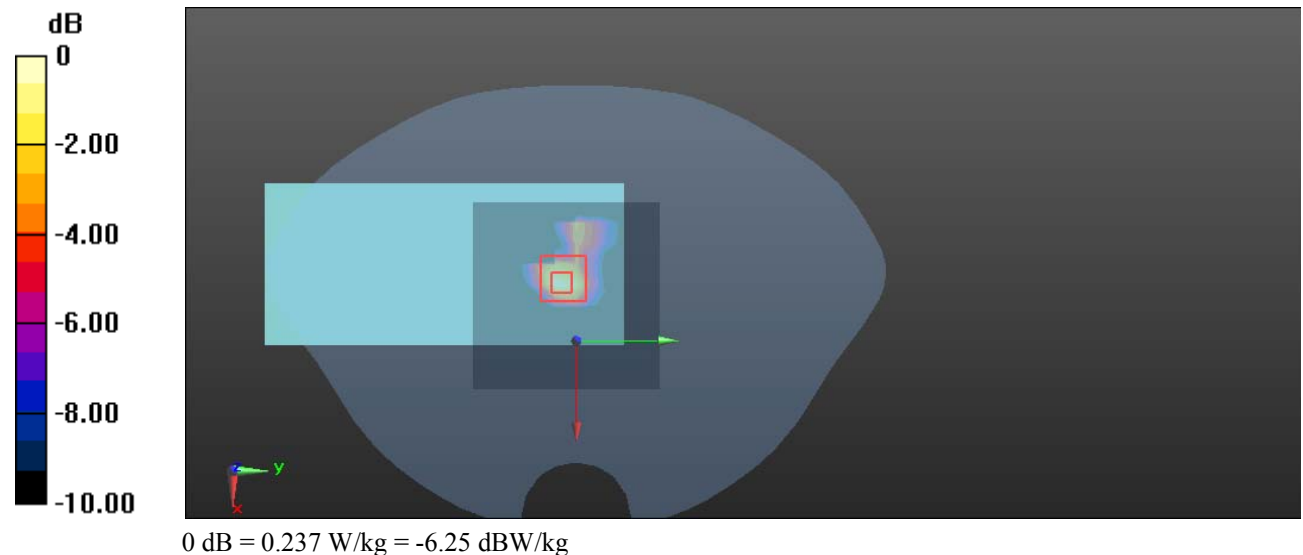
Zoom Scan (8x8x12) /Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.534 V/m; Power Drift = 0.13dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.237 W/kg



Test Plot 27#: WLAN 5.8G 802.11a Mid Head Right Cheek**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1.035
Medium parameters used: $f = 5785$ MHz; $\sigma = 5.137$ S/m; $\epsilon_r = 34.801$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.54, 5.16, 4.7) @5785 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 (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.263 W/kg

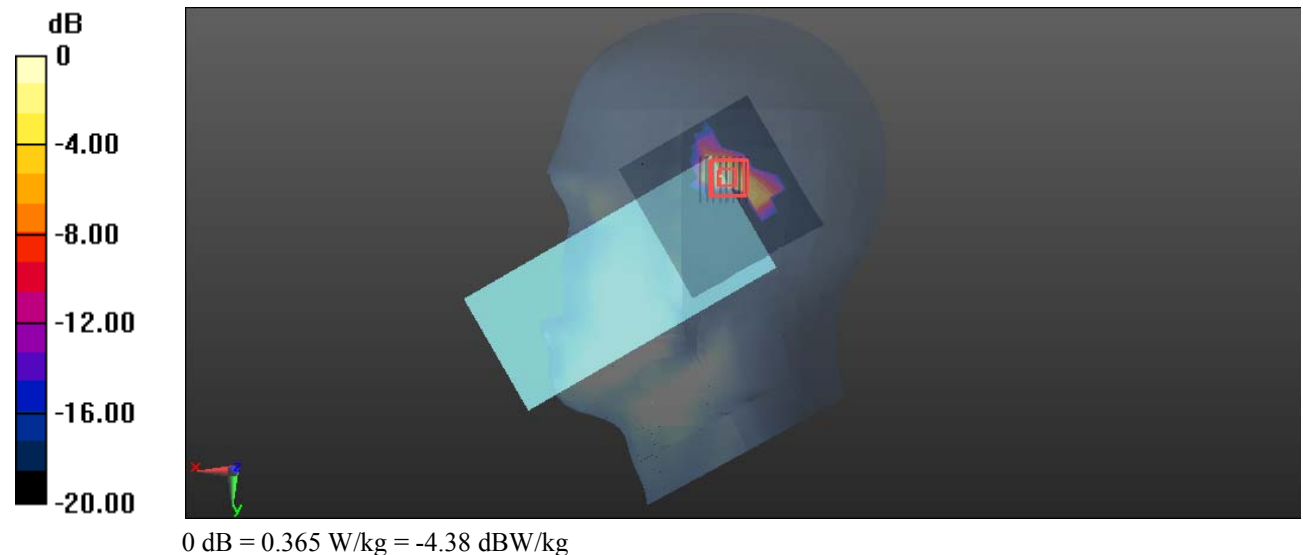
Zoom Scan (8x8x12) /Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

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

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.365 W/kg



Test Plot 28#: WLAN 5.8G 802.11a Mid Body Back**DUT: Rugged Smart Device; Type: S300 Pro; Serial: 2Z54-1**

Communication System: 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1.035
Medium parameters used: $f = 5785$ MHz; $\sigma = 5.137$ S/m; $\epsilon_r = 34.801$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.54, 5.16, 4.7) @5785 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) = 0.108 W/kg

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

Reference Value = 2.074 V/m; Power Drift = 0.01dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.133 W/kg

