

Test Plot 1#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: Generic GPRS-2 slots (0); Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 42.477$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(8.08, 8.47, 8.48) @848.8 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Right Cheek/GSM 850 High Main/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.241 W/kg

Head Right Cheek/GSM 850 High Main/Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.943 V/m; Power Drift = 0.11 dB

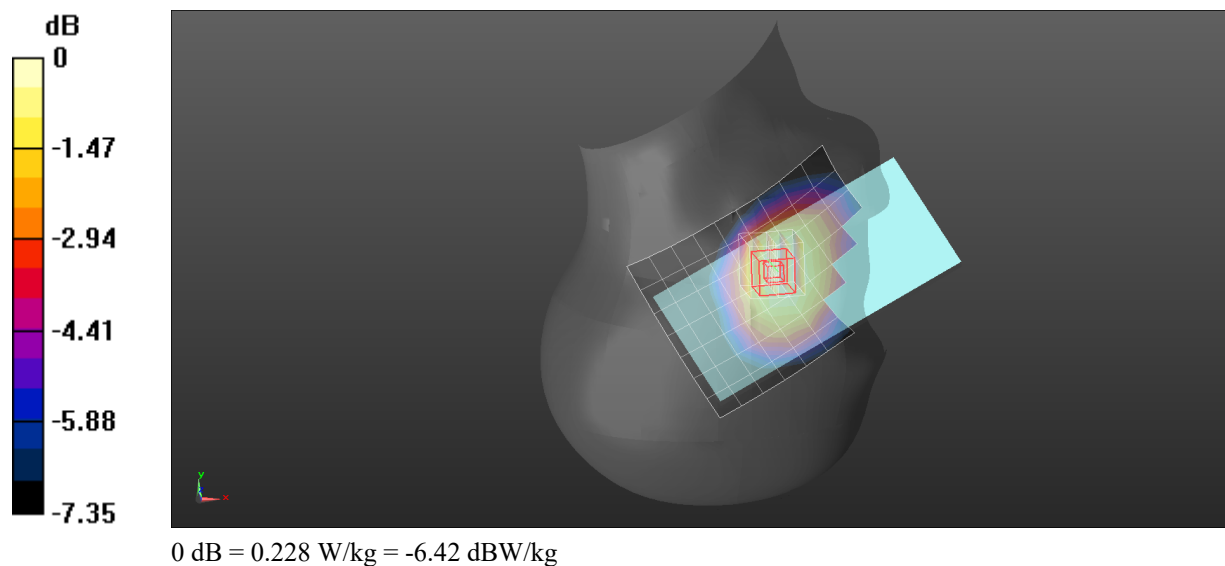
Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.228 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 87.7%



Test Plot 2#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: Generic GPRS-2 slots (0); Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 42.477$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(8.08, 8.47, 8.48) @848.8 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/GSM 850 High Main/Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.304 W/kg

Body Back/GSM 850 High Main/Zoom Scan (5x5x7) /Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 9.277 V/m; Power Drift = 0.15 dB

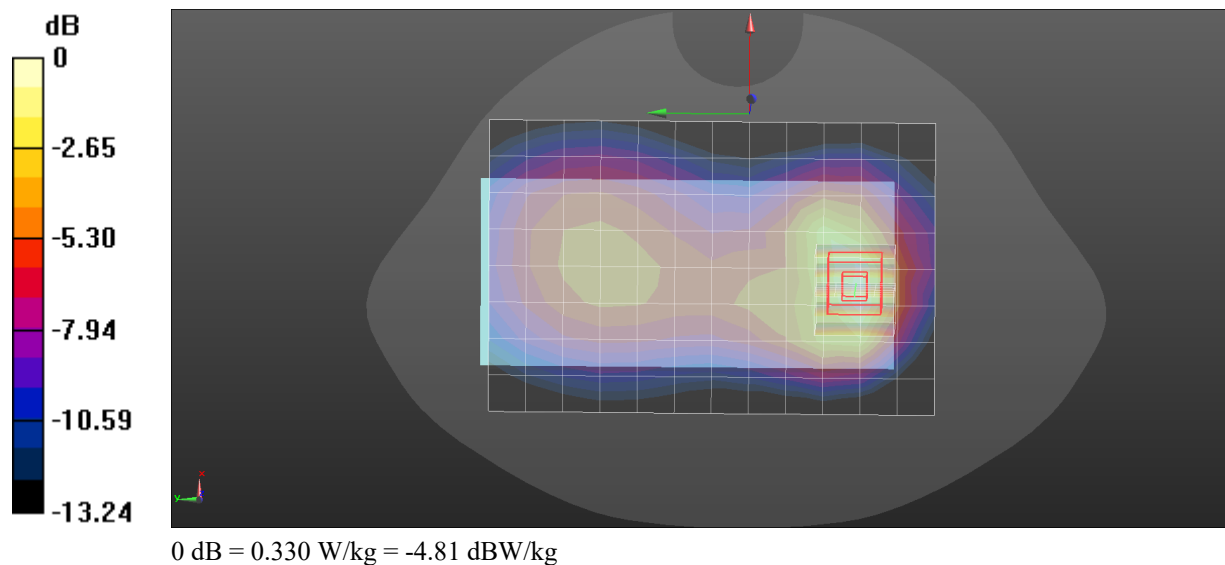
Peak SAR (extrapolated) = 0.383 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.330 W/kg

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.1%



Test Plot 3#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: Generic GPRS-3 slots (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.261$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(6.96, 7.29, 7.3) @1909.8 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Right Tilt/GSM 1900 High DIV/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.819 W/kg

Head Right Tilt/GSM 1900 High DIV/Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.66 V/m; Power Drift = 0.17 dB

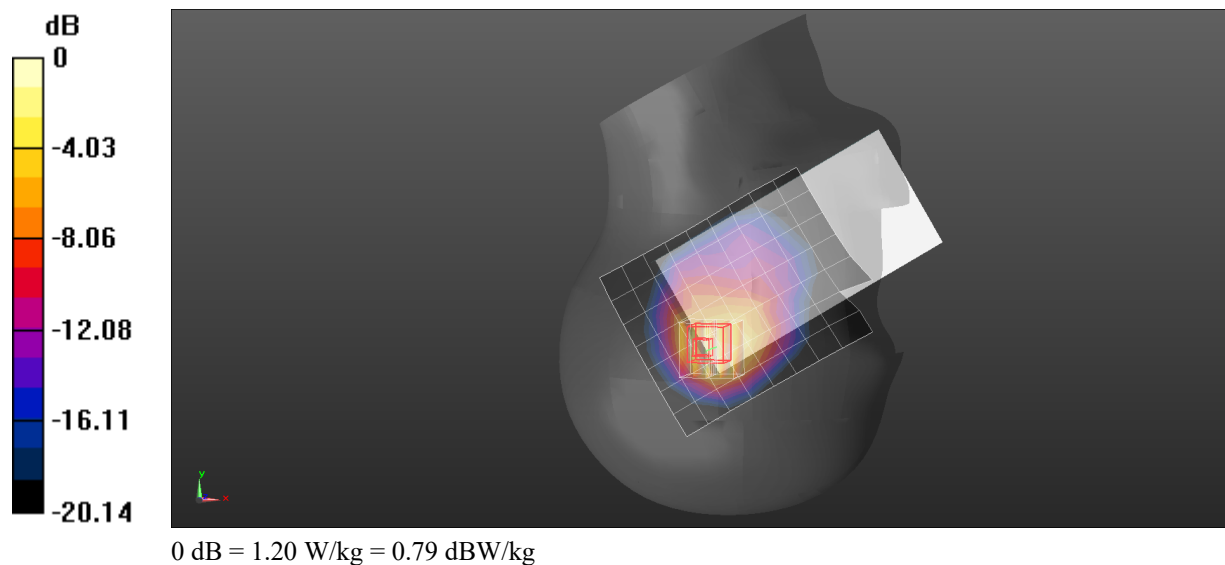
Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.439 W/kg

Maximum value of SAR (measured) = 1.20 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 55%



Test Plot 4#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: Generic GPRS-3 slots (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.261$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(6.96, 7.29, 7.3) @1909.8 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Top/GSM 1900 High DIV/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.372 W/kg

Body Top/GSM 1900 High DIV/Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.78 V/m; Power Drift = 0.06 dB

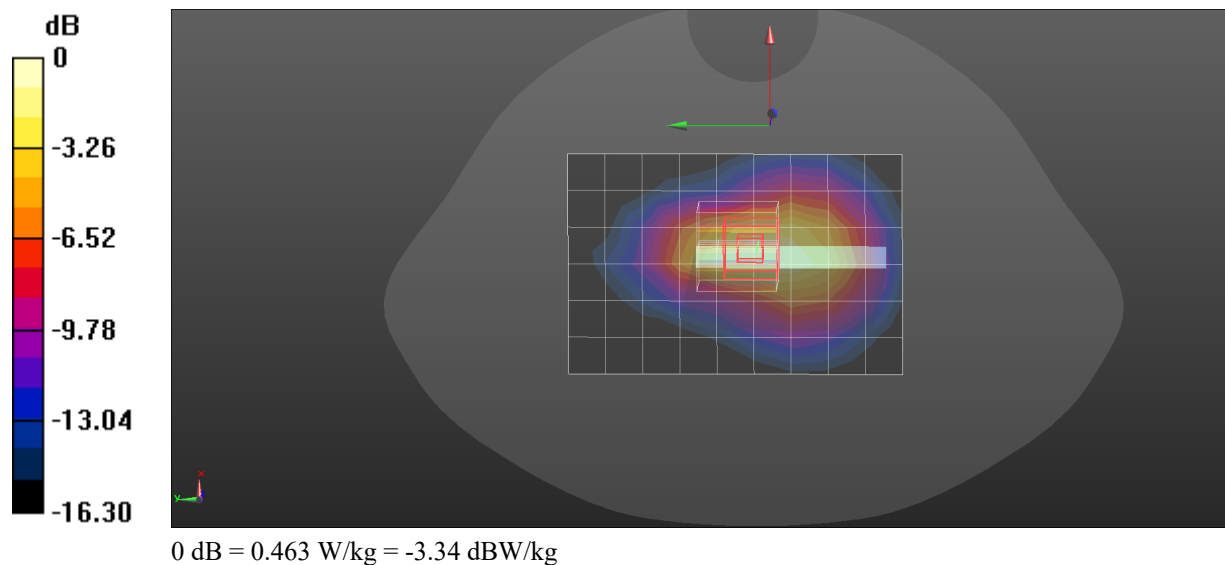
Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.463 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.7%



Test Plot 5#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.161$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(6.96, 7.29, 7.3) @1907.6 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Right Tilt/WCDMA Band 2 High DIV/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.743 W/kg

Head Right Tilt/WCDMA Band 2 High DIV/Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.77 V/m; Power Drift = 0.19 dB

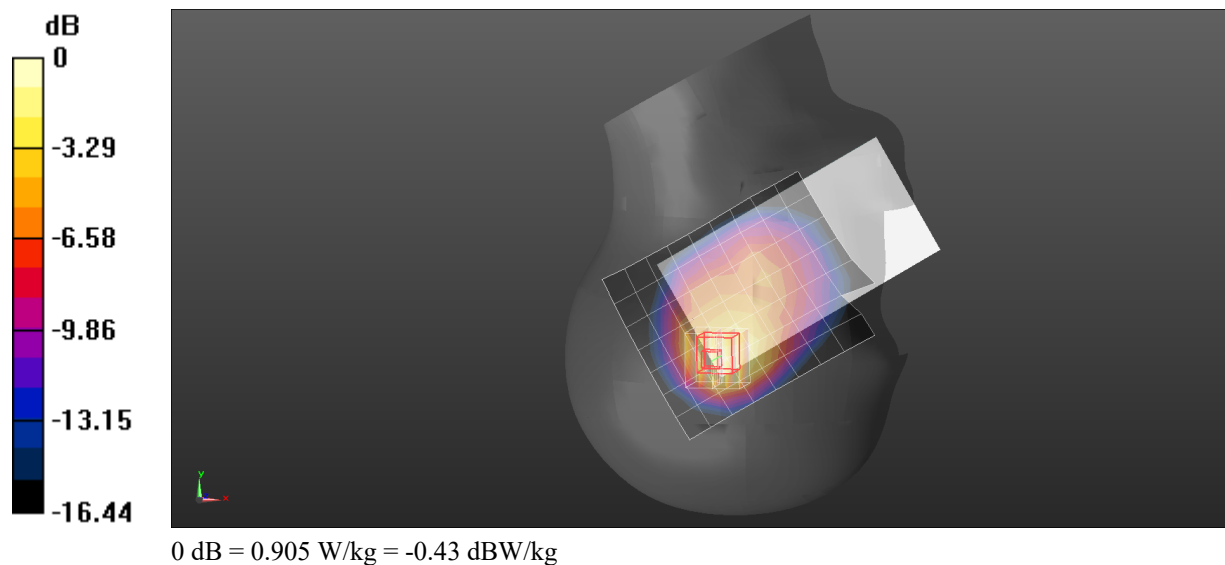
Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.389 W/kg

Maximum value of SAR (measured) = 0.905 W/kg

Smallest distance from peaks to all points 3 dB below = 12.4 mm

Ratio of SAR at M2 to SAR at M1 = 63%



Test Plot 6#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.161$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(6.96, 7.29, 7.3) @1907.6 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Top/WCDMA Band 2 High DIV/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.343 W/kg

Body Top/WCDMA Band 2 High DIV/Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.45 V/m; Power Drift = -0.06 dB

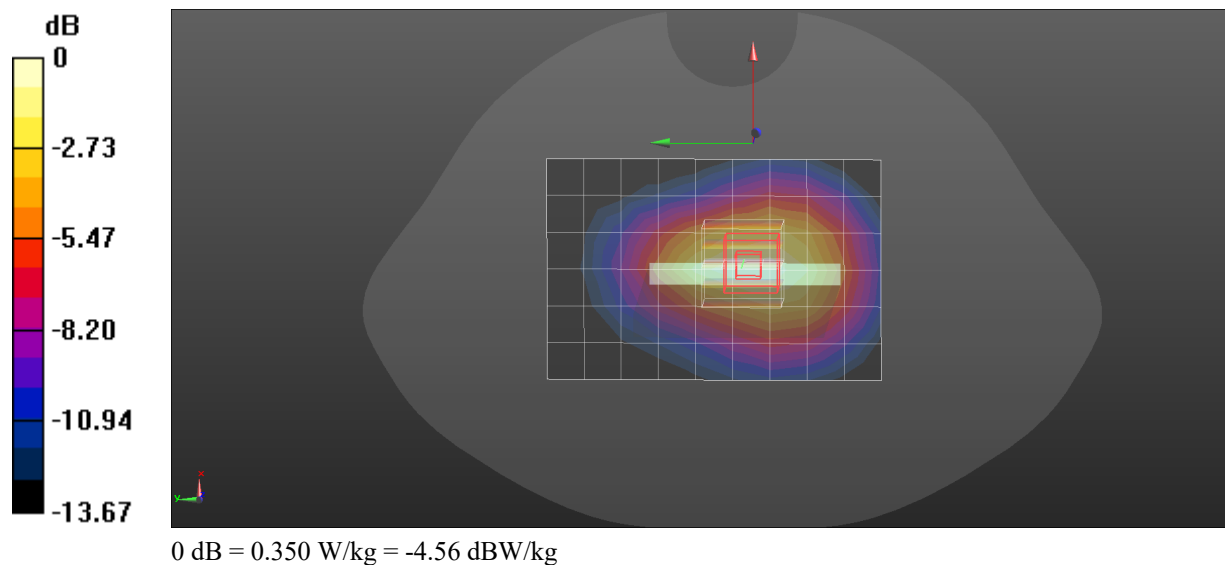
Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.350 W/kg

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 68%



Test Plot 7#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 42.54$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(8.08, 8.47, 8.48) @826.4 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Right Cheek/WCDMA Band 5 Low Main/Area Scan (8x10x1): Measurement grid: dx=15mm,
dy=15mm

Maximum value of SAR (measured) = 0.216 W/kg

Head Right Cheek/WCDMA Band 5 Low Main/Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm

Reference Value = 3.669 V/m; Power Drift = 0.03dB

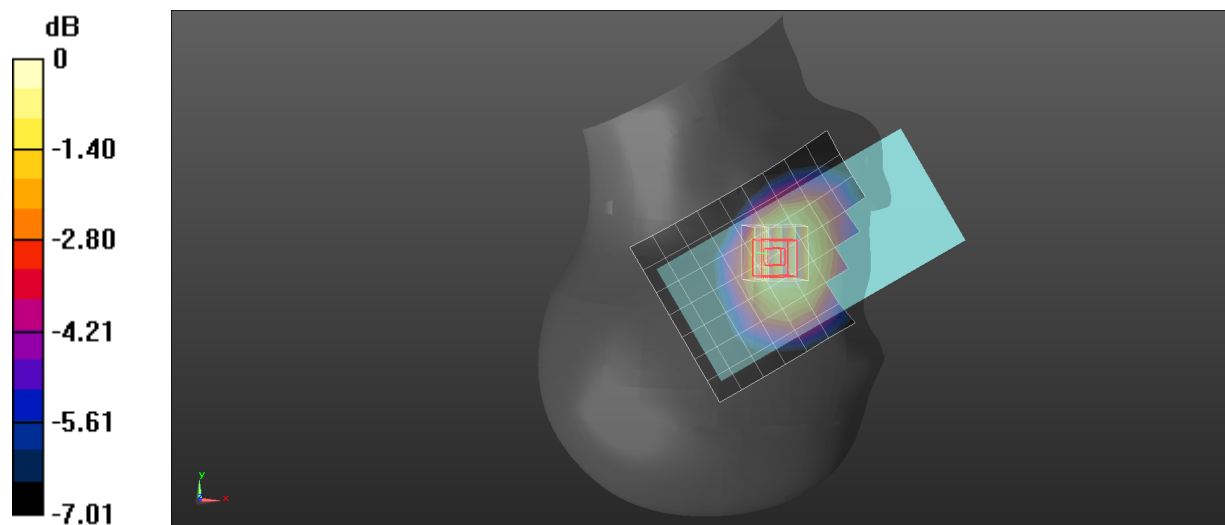
Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.146 W/kg

Maximum value of SAR (measured) = 0.205 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 82%



0 dB = 0.205 W/kg = -6.88 dBW/kg

Test Plot 8#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 42.54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(8.08, 8.47, 8.48) @826.4 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/WCDMA Band 5 Low Main/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.284 W/kg

Body Back/WCDMA Band 5 Low Main/Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.81 V/m; Power Drift = 0.03dB

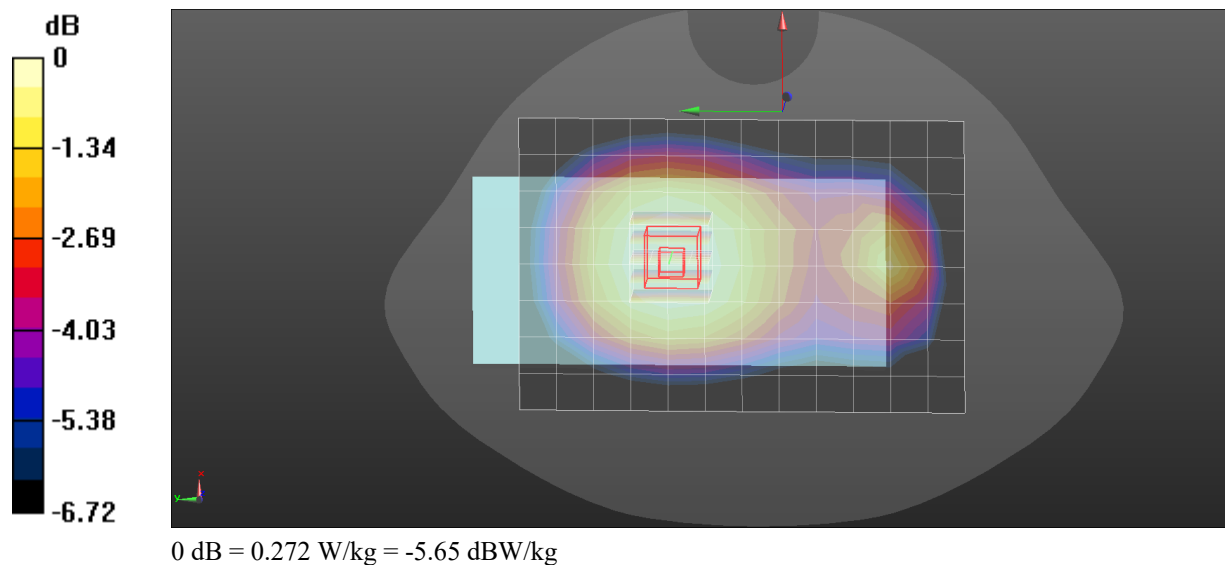
Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 0.272 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 84.4%



Test Plot 9#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

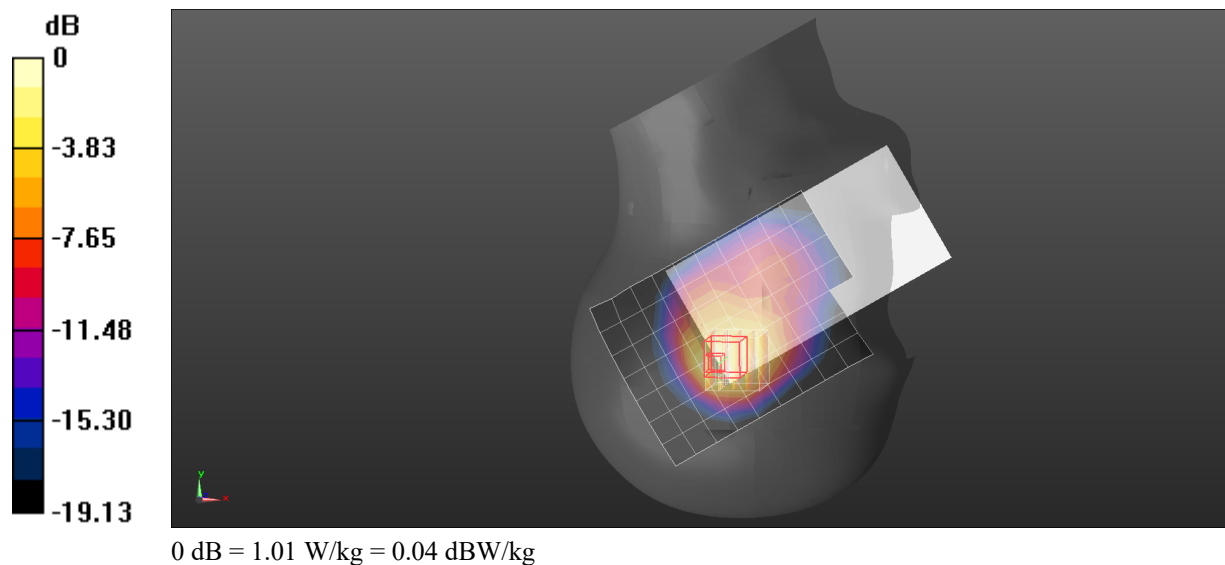
Communication System: Generic FDD-LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.372 \text{ S/m}$; $\epsilon_r = 40.263$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(6.96, 7.29, 7.3) @1880 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Right Tilt/LTE Band 2 1RB Mid DIV/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.777 W/kg **Head Right Tilt/LTE Band 2 1RB Mid DIV/Zoom Scan (5x5x7) /Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 14.54 V/m ; Power Drift = -0.09 dB Peak SAR (extrapolated) = 1.16 W/kg **SAR(1 g) = 0.719 W/kg ; SAR(10 g) = 0.420 W/kg** Maximum value of SAR (measured) = 1.01 W/kg Smallest distance from peaks to all points 3 dB below = 12.2 mm Ratio of SAR at M2 to SAR at M1 = 61.4% 

Test Plot 10#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: Generic FDD-LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.263$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(6.96, 7.29, 7.3) @1880 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Top/LTE Band 2 1RB Mid DIV/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.312 W/kg

Body Top/LTE Band 2 1RB Mid DIV/Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.29 V/m; Power Drift = -0.03 dB

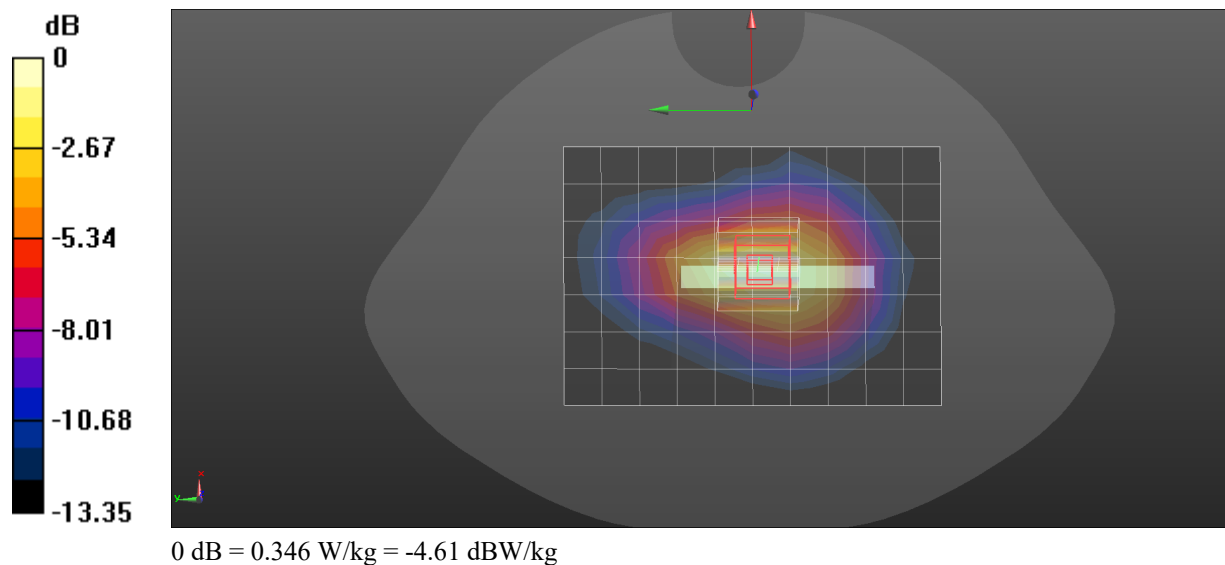
Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.346 W/kg

Smallest distance from peaks to all points 3 dB below = 14.5 mm

Ratio of SAR at M2 to SAR at M1 = 67.8%



Test Plot 11#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

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

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.393$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(8.08, 8.47, 8.48) @836.5 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Right Cheek/LTE Band 5 1RB Mid Main/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.234 W/kg

Head Right Cheek/LTE Band 5 1RB Mid Main/Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.117 V/m; Power Drift = 0.10dB

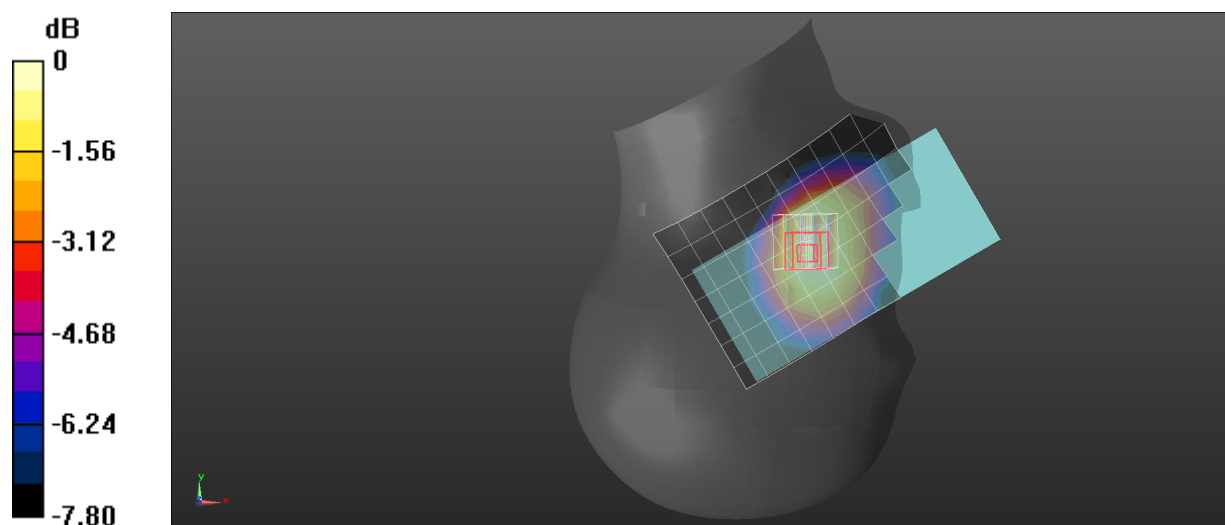
Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.159 W/kg

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

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 86.4%



Test Plot 12#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: Generic FDD-LTE (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.916 \text{ S/m}$; $\epsilon_r = 41.367$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(8.08, 8.47, 8.48) @844 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/LTE Band 5 1RB High Main/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.326 W/kg

Body Back/LTE Band 5 1RB High Main/Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.43 V/m; Power Drift = -0.09 dB

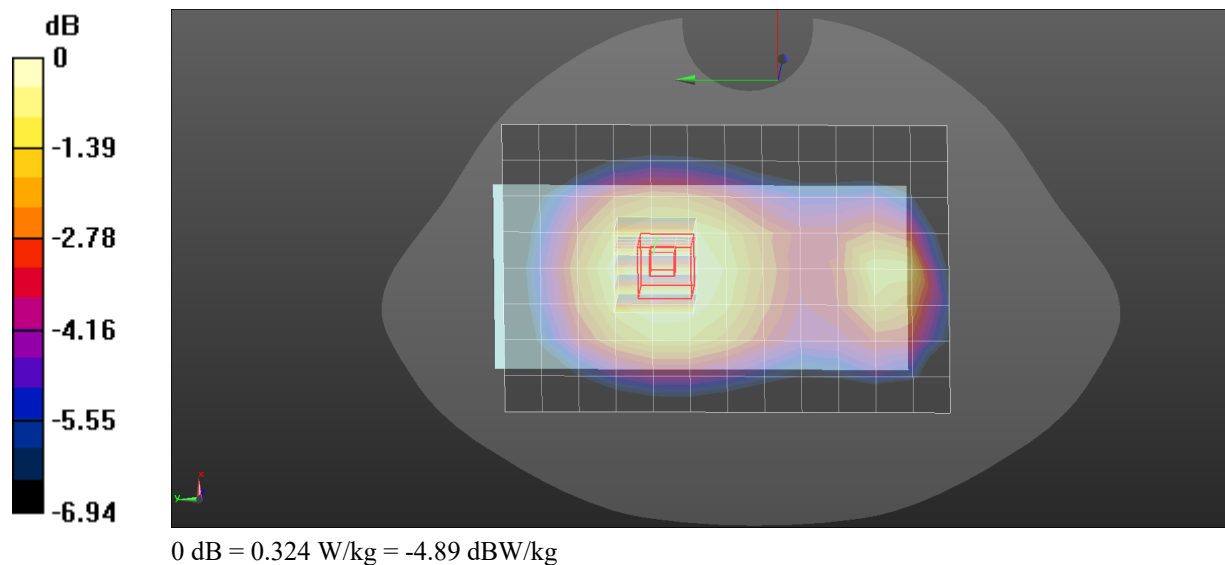
Peak SAR (extrapolated) = 0.346 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.324 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 80.8%



Test Plot 13#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

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

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.842$ S/m; $\epsilon_r = 39.662$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(6.6, 6.92, 6.93) @2535 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Right Tilt/LTE Band 7 1RB Mid DIV/Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.838 W/kg

Head Right Tilt/LTE Band 7 1RB Mid DIV/Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.492 V/m; Power Drift = -0.10 dB

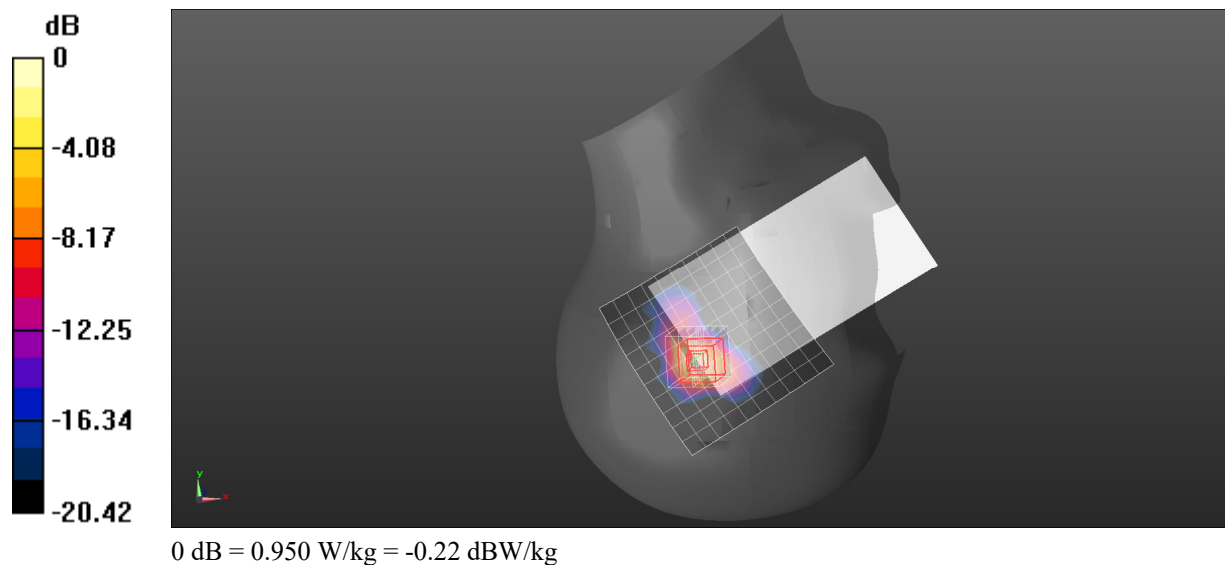
Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.246 W/kg

Maximum value of SAR (measured) = 0.950 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 49.8%



Test Plot 14#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: Generic FDD-LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 39.678$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(6.6, 6.92, 6.93) @2510 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/LTE Band 7 1RB Low DIV/Area Scan (13x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.262 W/kg

Body Back/LTE Band 7 1RB Low DIV/Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.901 V/m; Power Drift = 0.03dB

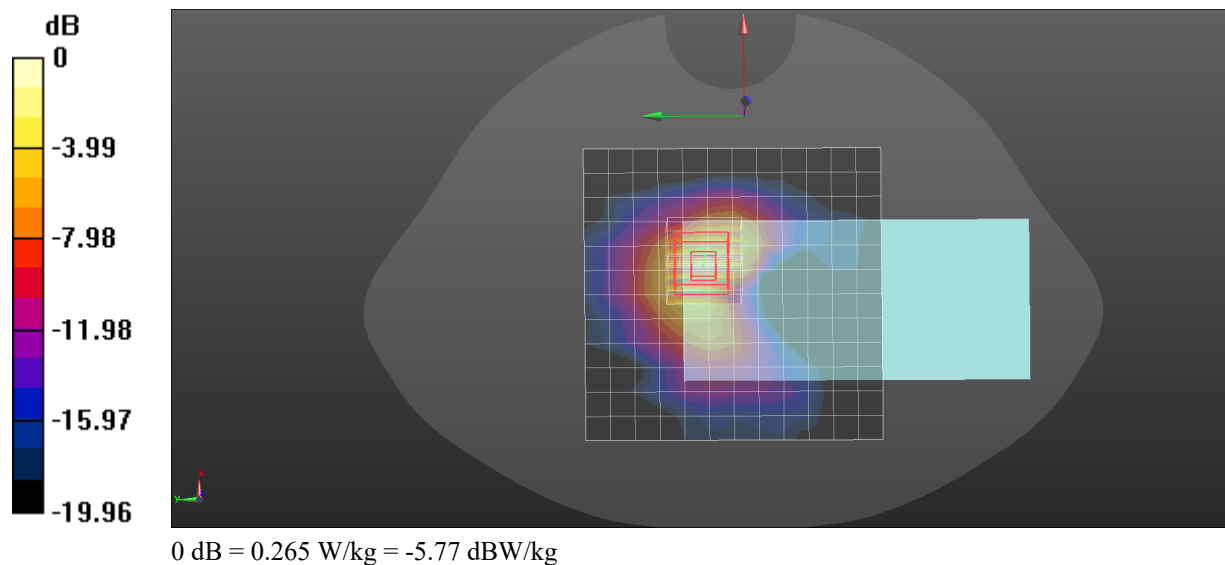
Peak SAR (extrapolated) = 0.308 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.089 W/kg

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

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 60.9%



Test Plot 15#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: Generic FDD-LTE (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 41.816$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(8.72, 9.14, 9.15) @711 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Right Cheek/LTE Band 12 1RB High Main/Area Scan (8x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.116 W/kg

Head Right Cheek/LTE Band 12 1RB High Main/Zoom Scan (5x5x7) /Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.704 V/m; Power Drift = 0.13dB

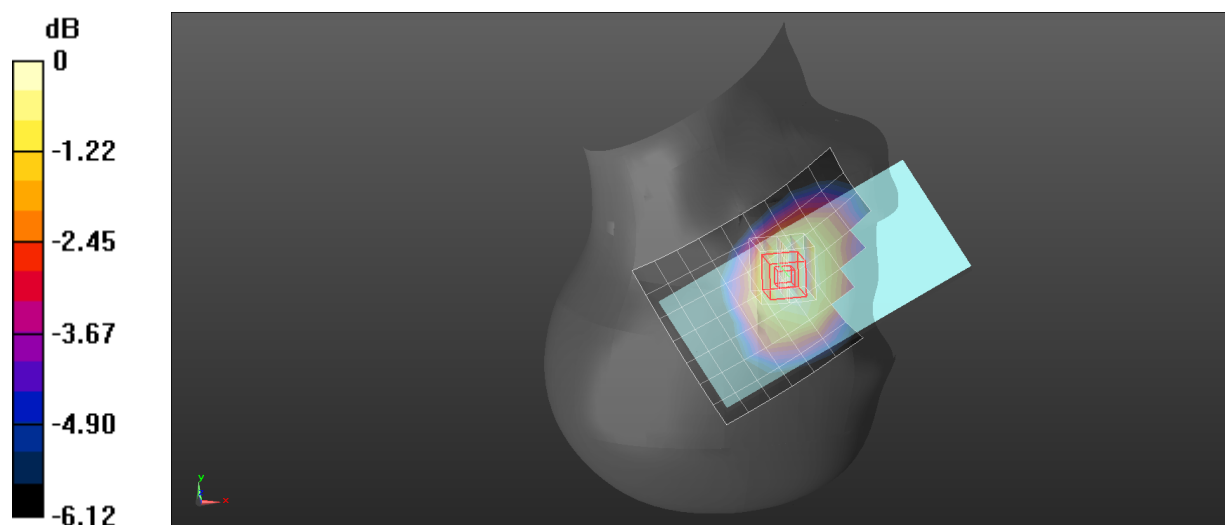
Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.110 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 16 \text{ mm}$)

Ratio of SAR at M2 to SAR at M1 = 88.1%



0 dB = 0.110 W/kg = -9.59 dBW/kg

Test Plot 16#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

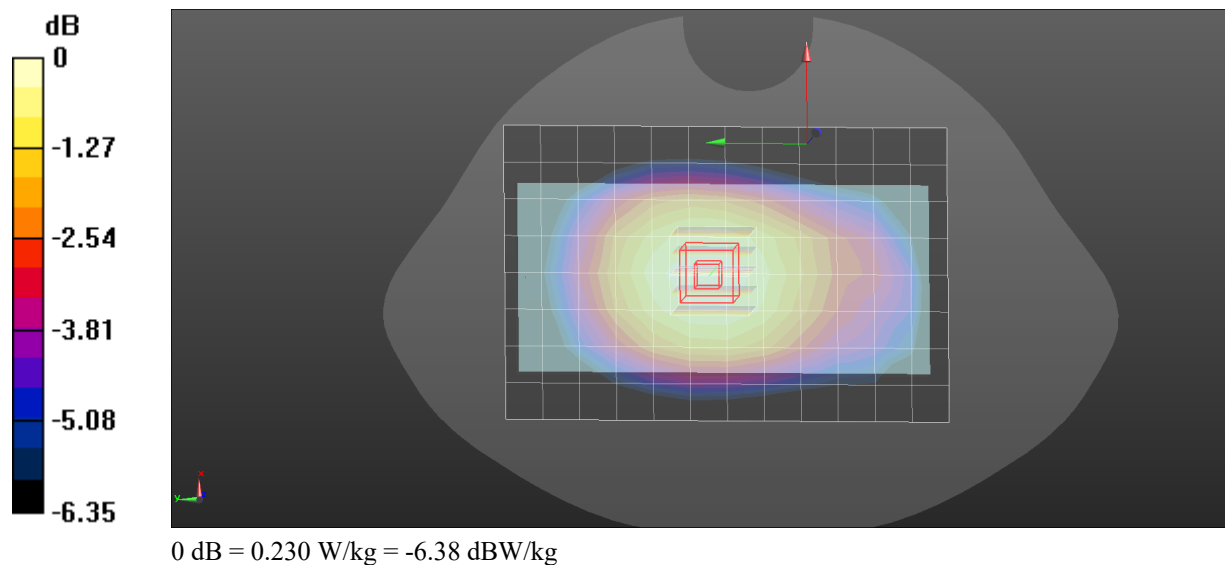
Communication System: Generic FDD-LTE (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 41.816$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(8.72, 9.14, 9.15) @711 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/LTE Band 12 1RB High Main/Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.227 W/kg **Body Back/LTE Band 12 1RB High Main/Zoom Scan (5x5x7) /Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 14.68 V/m ; Power Drift = 0.03 dB Peak SAR (extrapolated) = 0.245 W/kg **SAR(1 g) = 0.200 W/kg ; SAR(10 g) = 0.159 W/kg** Maximum value of SAR (measured) = 0.230 W/kg Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 16 \text{ mm}$)Ratio of SAR at M2 to SAR at M1 = 80.6% 

Test Plot 17#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: Generic TDD-LTE (0); Frequency: 2636.5 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2636.5$ MHz; $\sigma = 2.024$ S/m; $\epsilon_r = 38.577$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(6.6, 6.92, 6.93) @2636.5 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Right Tilt/LTE Band 41 1RB Extra2/Area Scan (11x12x1): Measurement grid: dx=10mm, dy=10mm

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

Head Right Tilt/LTE Band 41 1RB Extra2/Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.072 V/m; Power Drift = 0.03dB

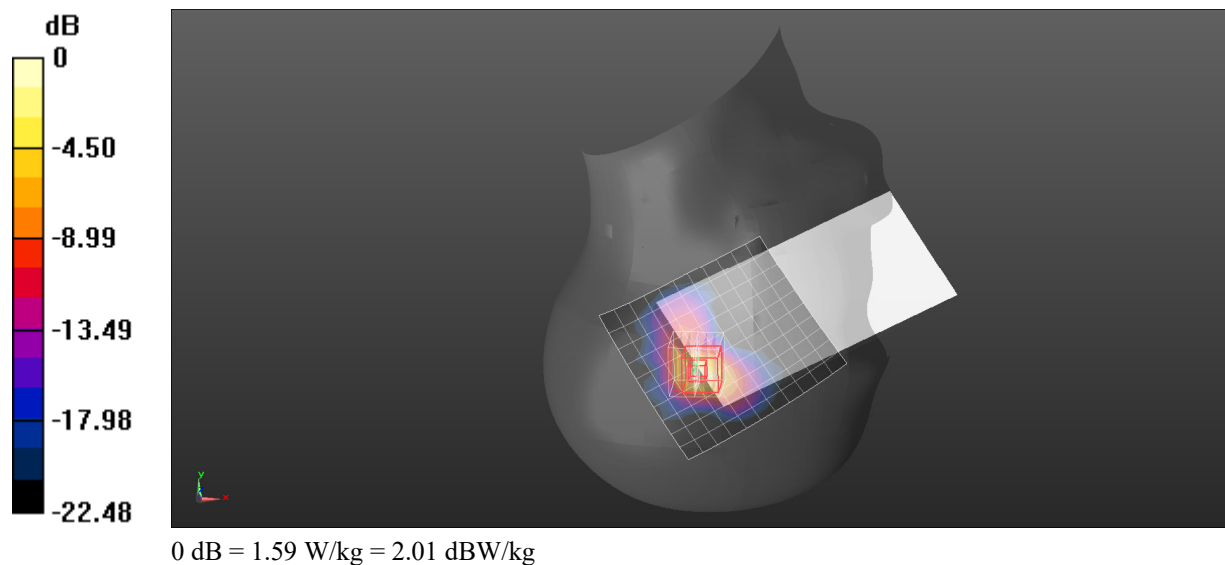
Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.911 W/kg; SAR(10 g) = 0.390 W/kg

Maximum value of SAR (measured) = 1.59 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 48.4%



Test Plot 18#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: Generic TDD-LTE (0); Frequency: 2636.5 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2636.5$ MHz; $\sigma = 2.024$ S/m; $\epsilon_r = 38.577$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(6.6, 6.92, 6.93) @2636.5 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/LTE Band 41 1RB Extra2/Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

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

Body Back/LTE Band 41 1RB Extra2/Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.046 V/m; Power Drift = 0.10 dB

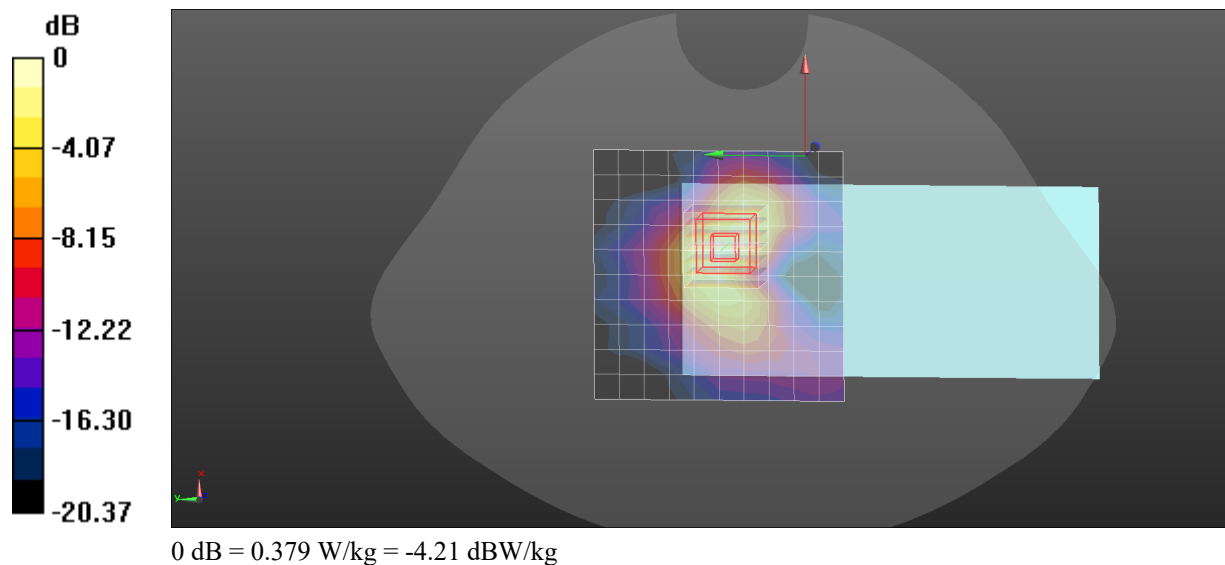
Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.379 W/kg

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 56.4%



Test Plot 19#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: 2.4G WiFi (0); Frequency: 2412 MHz; Duty Cycle: 1:1.007

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.817 \text{ S/m}$; $\epsilon_r = 38.338$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(6.54, 6.85, 6.86) @2412 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Left Cheek/WLAN 802.11b Low/Area Scan (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Head Left Cheek/WLAN 802.11b Low/Zoom Scan (7x7x7) /Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.331 V/m; Power Drift = -0.17 dB

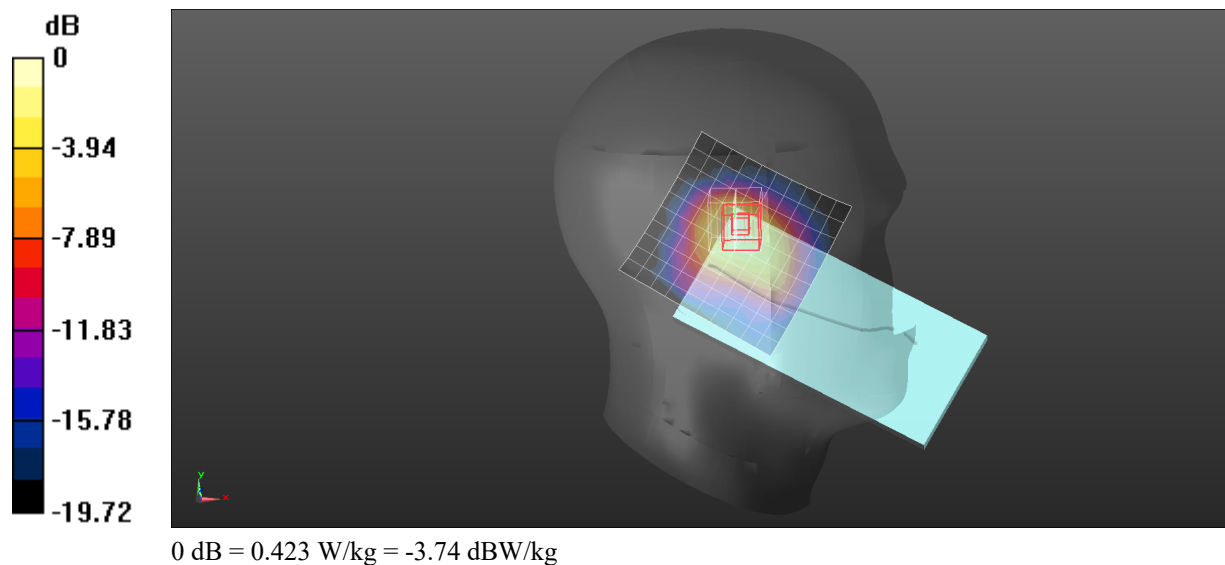
Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.423 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 55.5%



Test Plot 20#:**DUT: Smart phone; Type: PG5FBG9XA; Serial: 2YHF-1**

Communication System: 2.4G WiFi (0); Frequency: 2412 MHz; Duty Cycle: 1:1.007

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.817$ S/m; $\epsilon_r = 38.338$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(6.54, 6.85, 6.86) @2412 MHz; Calibrated: 2024/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection);
- Electronics: DAE4 Sn1325; Calibrated: 10/8/2024
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Right/WLAN 802.11b Low/Area Scan (10x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.105 W/kg

Body Right/WLAN 802.11b Low/Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.148 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.107 W/kg

Smallest distance from peaks to all points 3 dB below = 15.3 mm

Ratio of SAR at M2 to SAR at M1 = 65%

