

Test Plot1#: GSM 850_Head Left Cheek_Middle**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

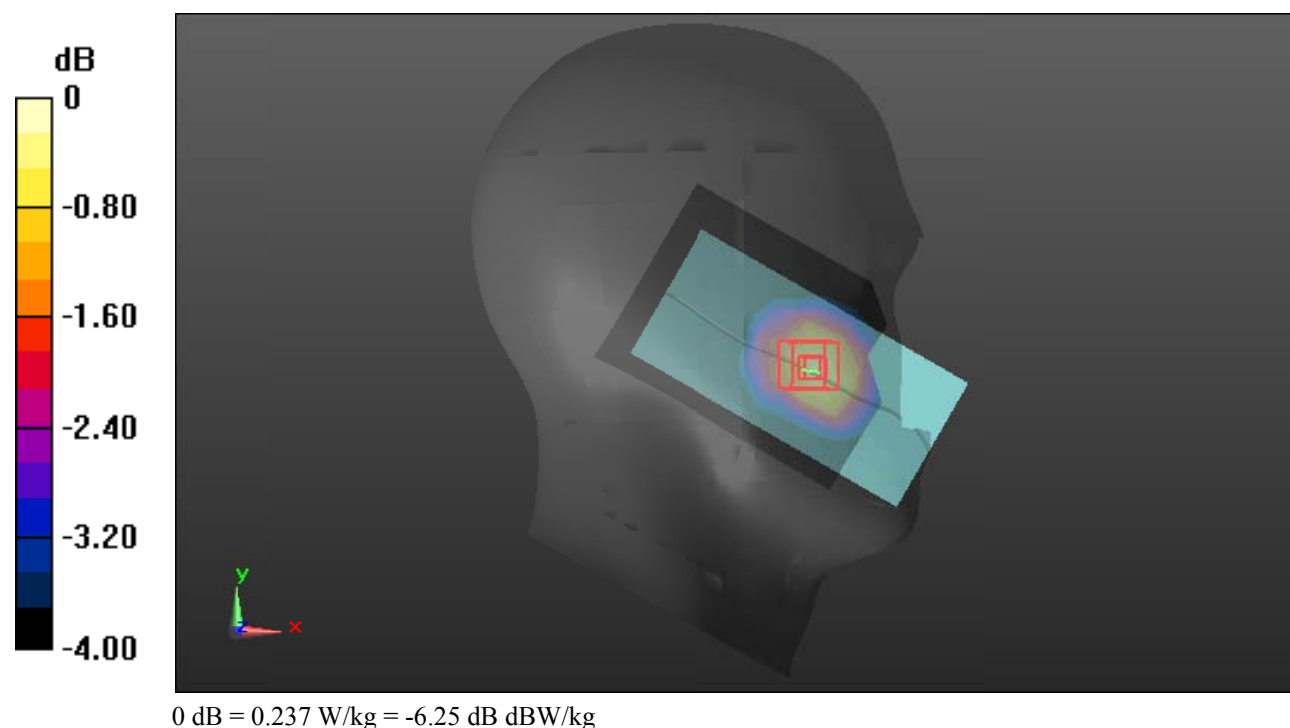
Communication System: Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 42.323$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(9.88, 9.88, 9.88) @824.2 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.228 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.840 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.253 W/kg
SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.237 W/kg



Test Plot2#: GSM 850_Body Worn Back_Low**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic GSM (0); Frequency: 824.2 MHz; Duty Cycle: 1:8
 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.877$ S/m; $\epsilon_r = 42.576$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(9.88, 9.88, 9.88) @824.2 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.831 W/kg

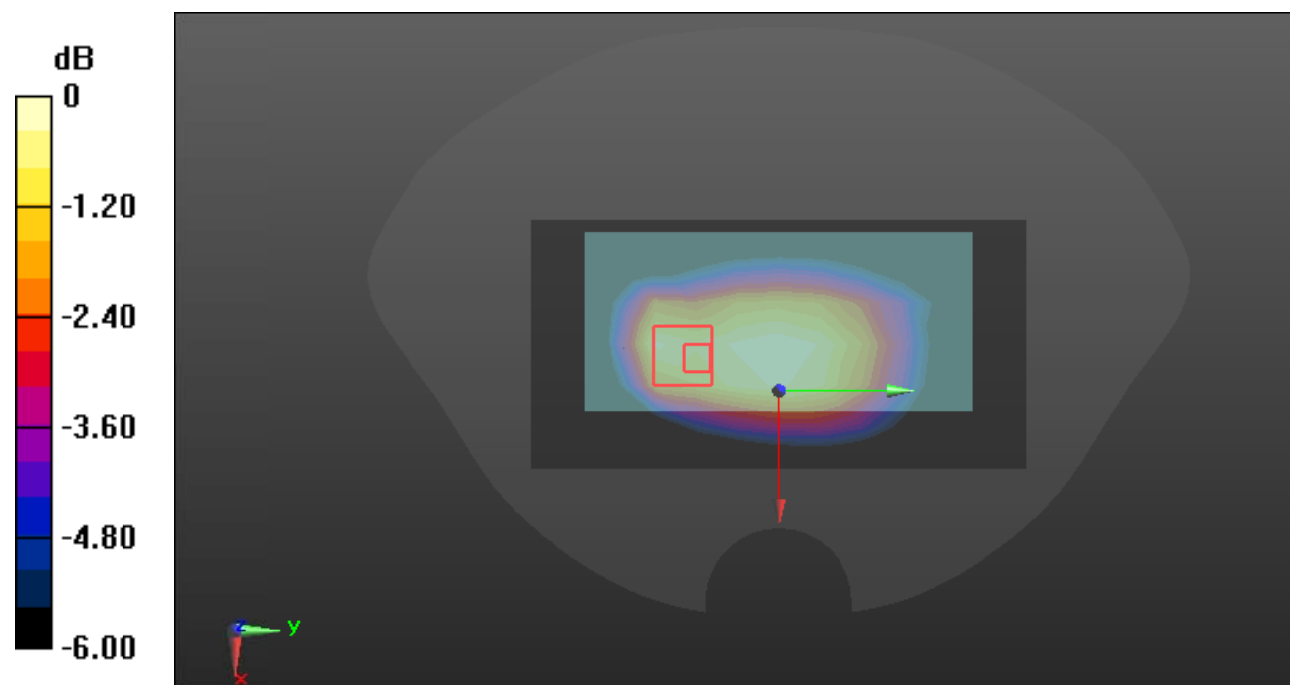
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.56 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.378 W/kg

Maximum value of SAR (measured) = 0.841 W/kg



0 dB = 0.841 W/kg = -0.75 dB dBW/kg

Test Plot3#: PCS 1900_Head Right Cheek_Low**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic GSM (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8
 Medium parameters used: $f=1850.2$ MHz; $\sigma = 1.403$ S/m; $\epsilon_r = 40.304$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.92, 7.92, 7.92) @1850.2 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.120 W/kg

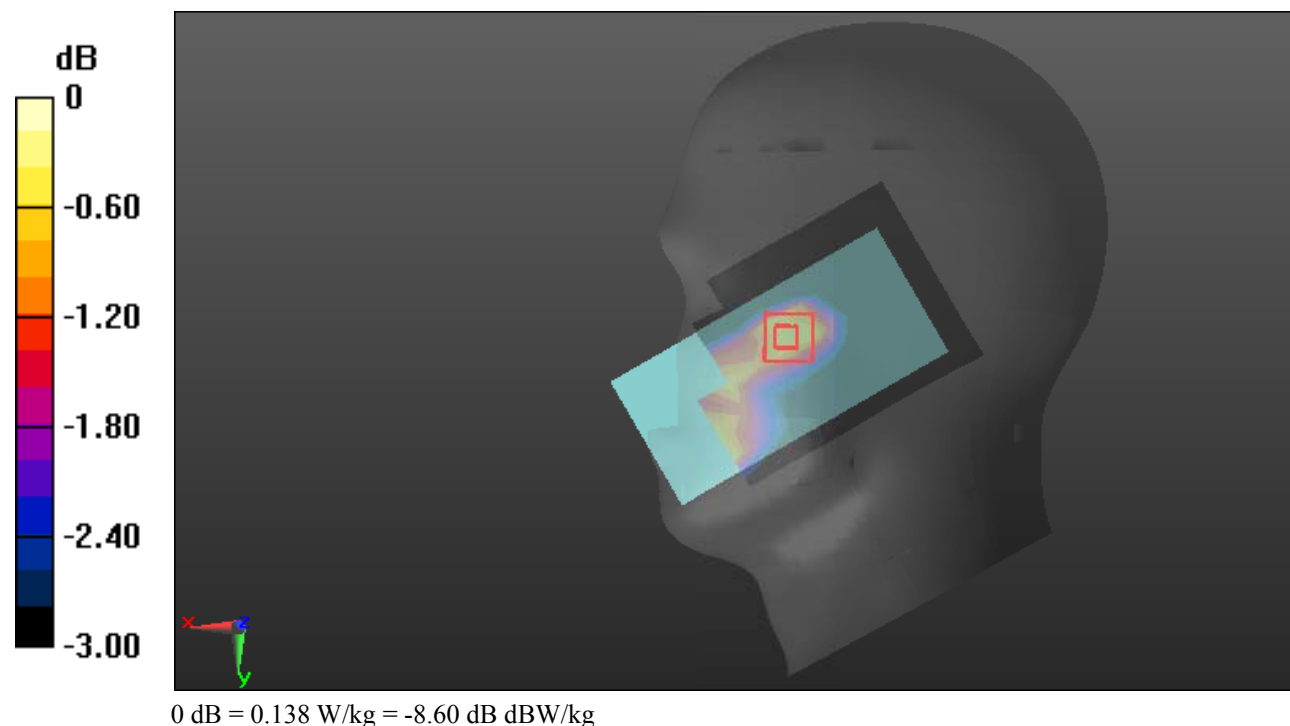
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.010 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.138 W/kg



Test Plot4#: PCS 1900_Body Back_Middle**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic GPRS-3 slots (0); Frequency: 1880 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f=1880$ MHz; $\sigma = 1.418$ S/m; $\epsilon_r = 39.873$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.92, 7.92, 7.92) @1880 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.906 W/kg

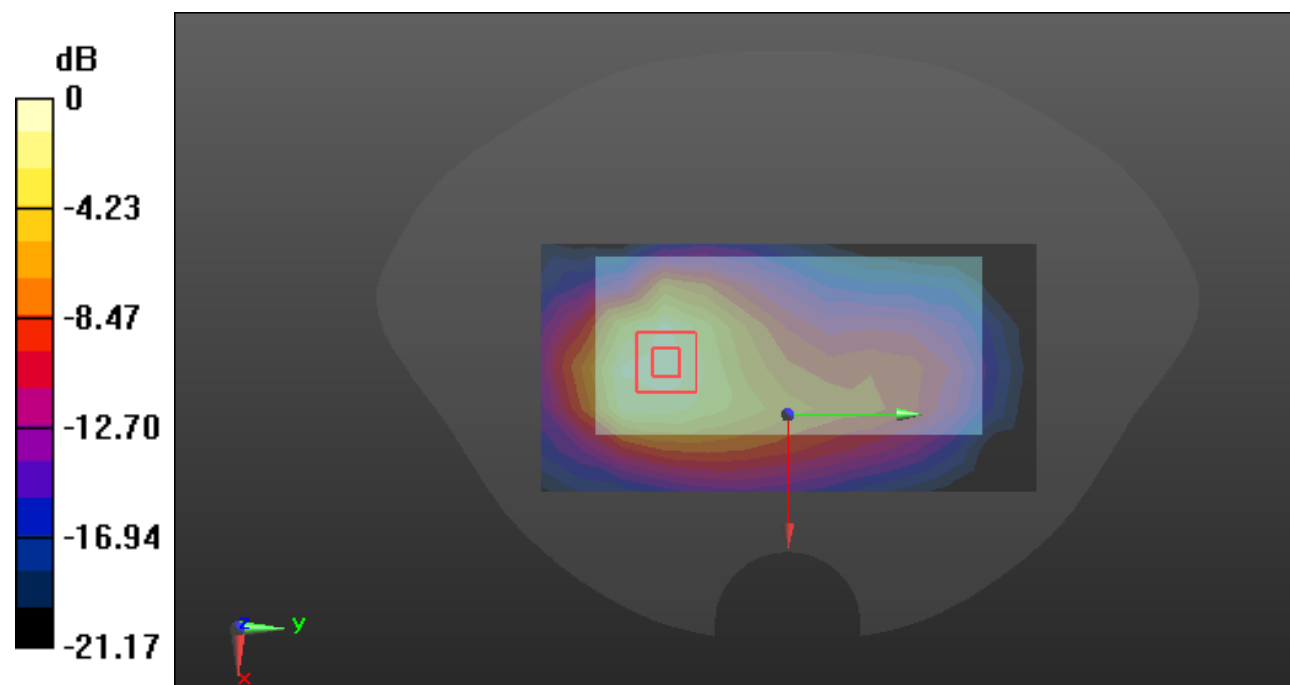
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.32 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.624 W/kg; SAR(10 g) = 0.359 W/kg

Maximum value of SAR (measured) = 0.911 W/kg



0 dB = 0.911 W/kg = -0.40 dB dBW/kg

Test Plot5#: WCDMA Band 2_Head Right Cheek_Middle**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f=1880$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 39.663$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.92, 7.92, 7.92) @1880 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

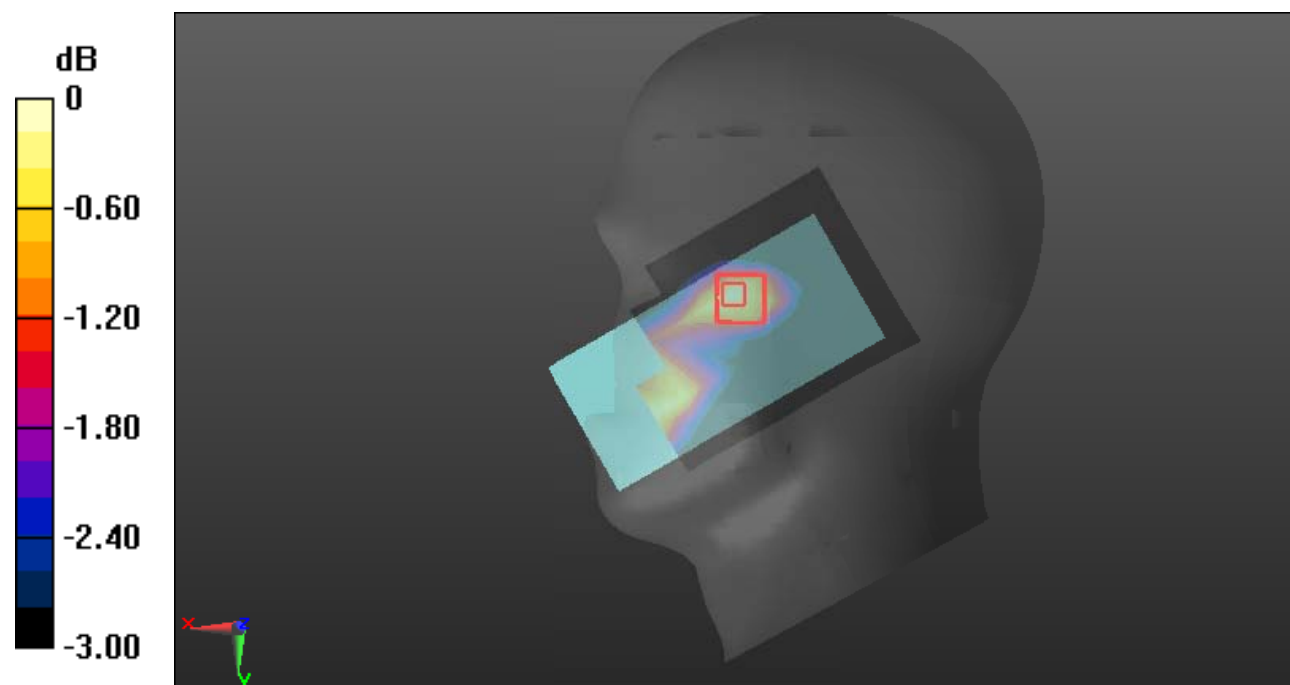
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.773 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.196 W/kg = -7.08 dB dBW/kg

Test Plot6#: WCDMA Band 2_Body Back_Middle**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f=1880$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 39.663$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.92, 7.92, 7.92) @1880 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.39 W/kg

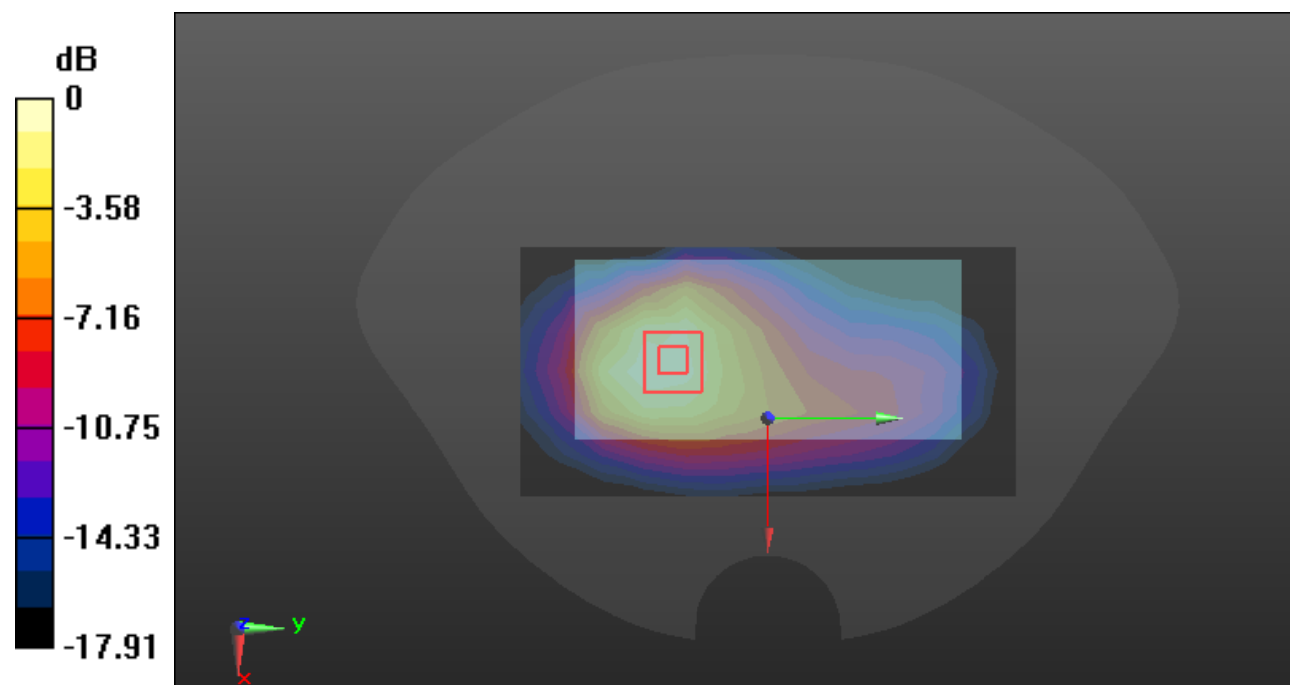
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.88 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.563 W/kg

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



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

Test Plot7#: WCDMA Band 4_Head Right Cheek_High**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

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

Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 39.932$; $\rho = 1000$ kg/m³ ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(8.28, 8.28, 8.28) @1752.6 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.104 W/kg

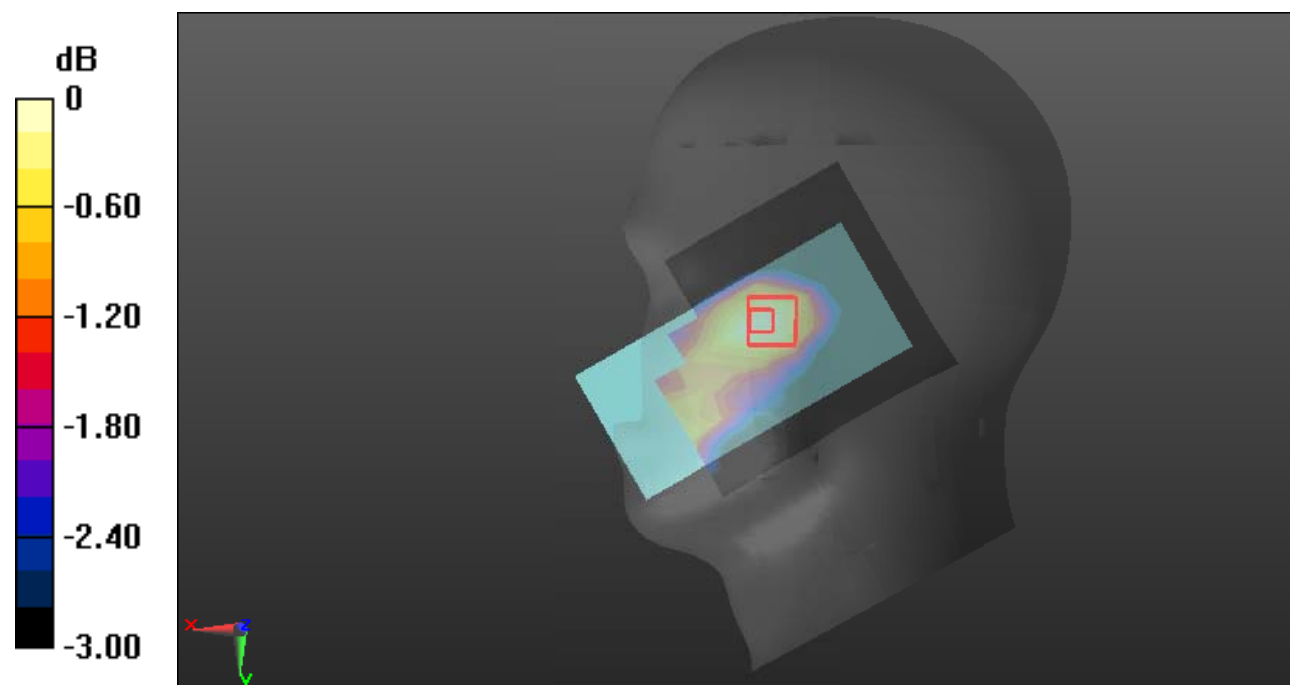
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.706 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.101 W/kg



0 dB = 0.101 W/kg = -9.96 dB dBW/kg

Test Plot8#: WCDMA Band 4_Body Back_High**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f=1752.6$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 39.932$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(8.28, 8.28, 8.28) @1752.6 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.45 W/kg

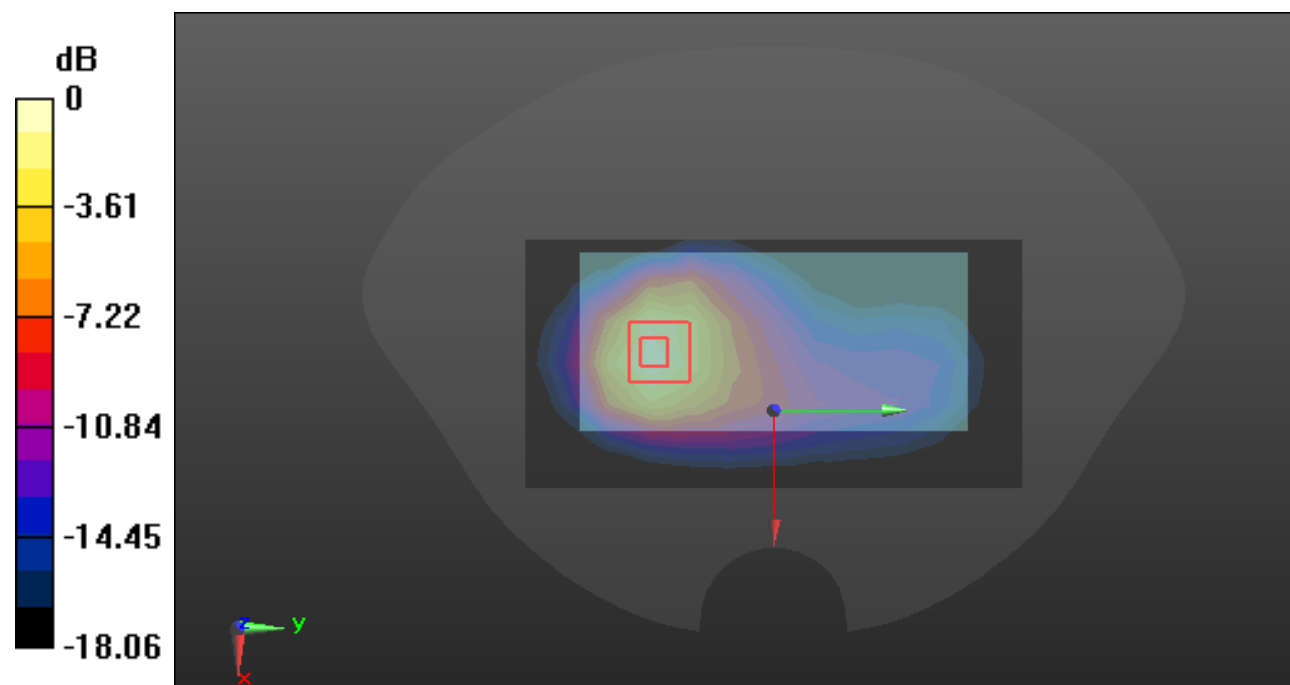
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.55 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.491 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dB dBW/kg

Test Plot9#: WCDMA Band 5_Head Right Cheek_Middle**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic WCDMA (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 42.323$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(9.88, 9.88, 9.88) @836.6 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.675 W/kg

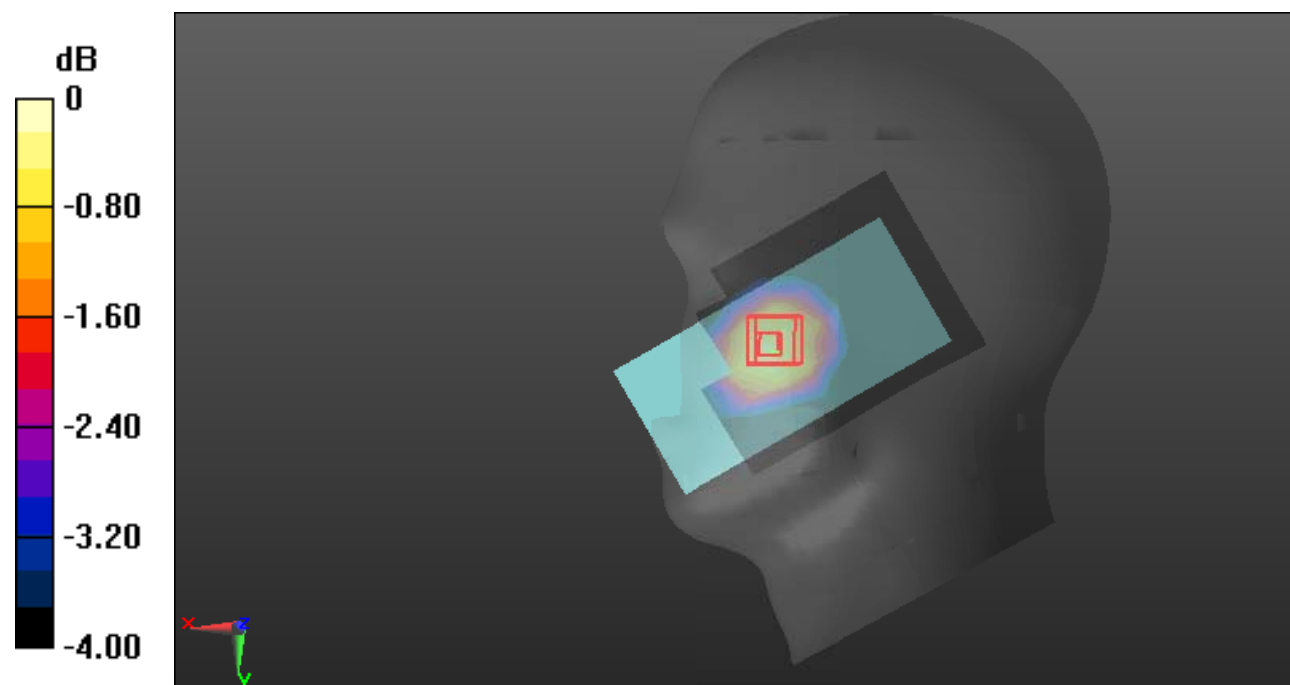
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.728 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.767 W/kg

SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.427 W/kg

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



0 dB = 0.716 W/kg = -1.45 dB dBW/kg

Test Plot10#: WCDMA Band 5_Body Back_Middle**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic WCDMA (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 42.323$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(9.88, 9.88, 9.88) @836.6 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.876 W/kg

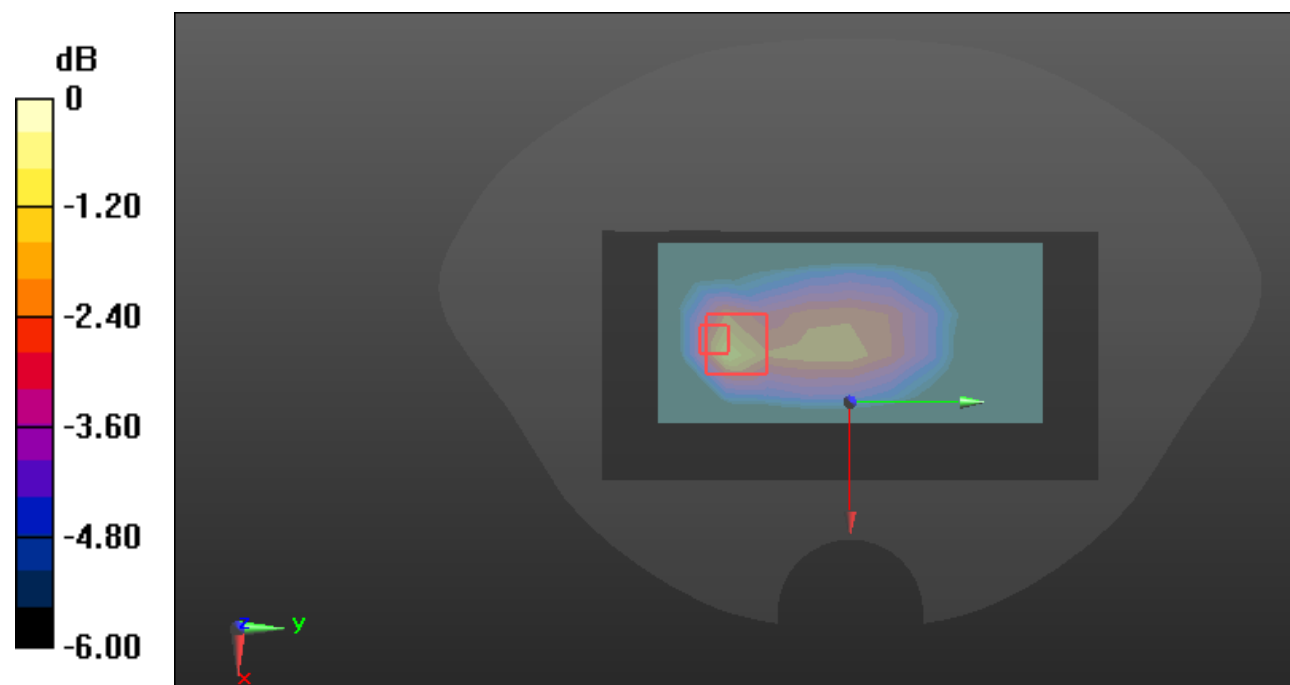
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.84 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.372 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dB dBW/kg

Test Plot11#: LTE Band 2_Head Left Cheek_1RB_High**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic FDD-LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f=1900$ MHz; $\sigma = 1.426$ S/m; $\epsilon_r = 39.343$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.92, 7.92, 7.92) @1900 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.383 W/kg

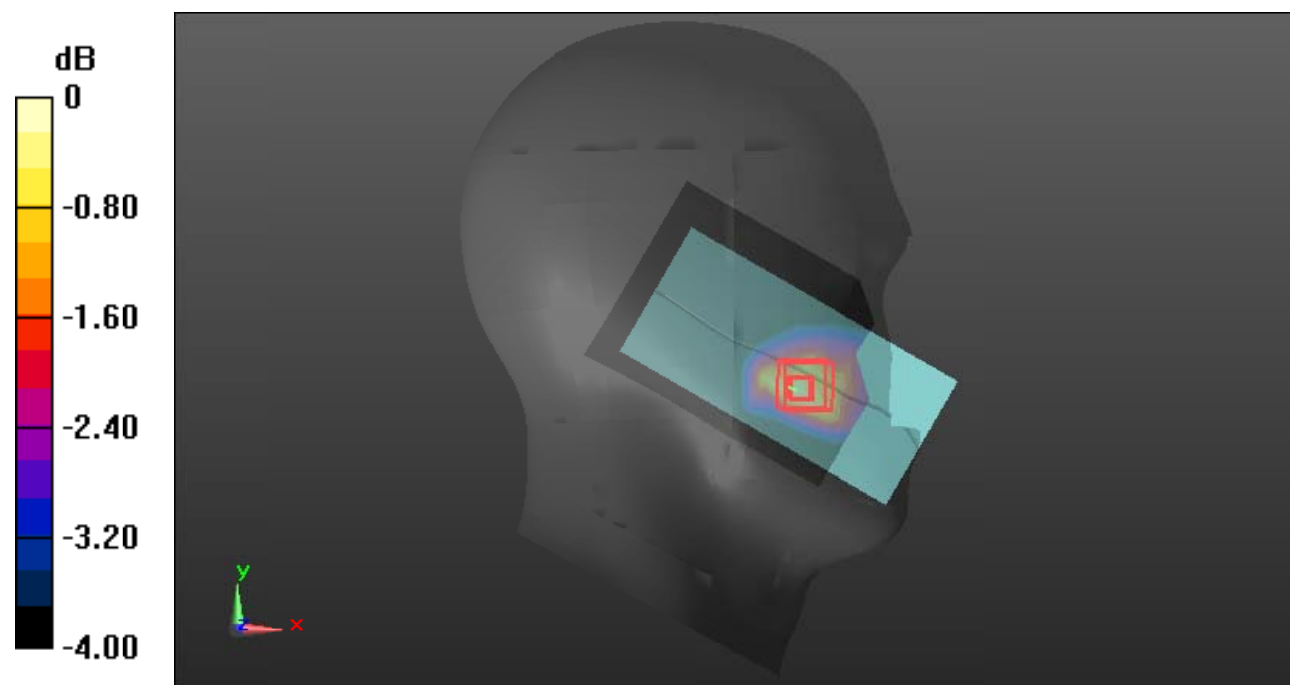
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.257 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 0.392 W/kg



0 dB = 0.392 W/kg = -4.07 dB dBW/kg

Test Plot12#: LTE Band 2_Body Back_1RB_Low**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic FDD-LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f=1860$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 40.188$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.92, 7.92, 7.92) @1860 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.48 W/kg

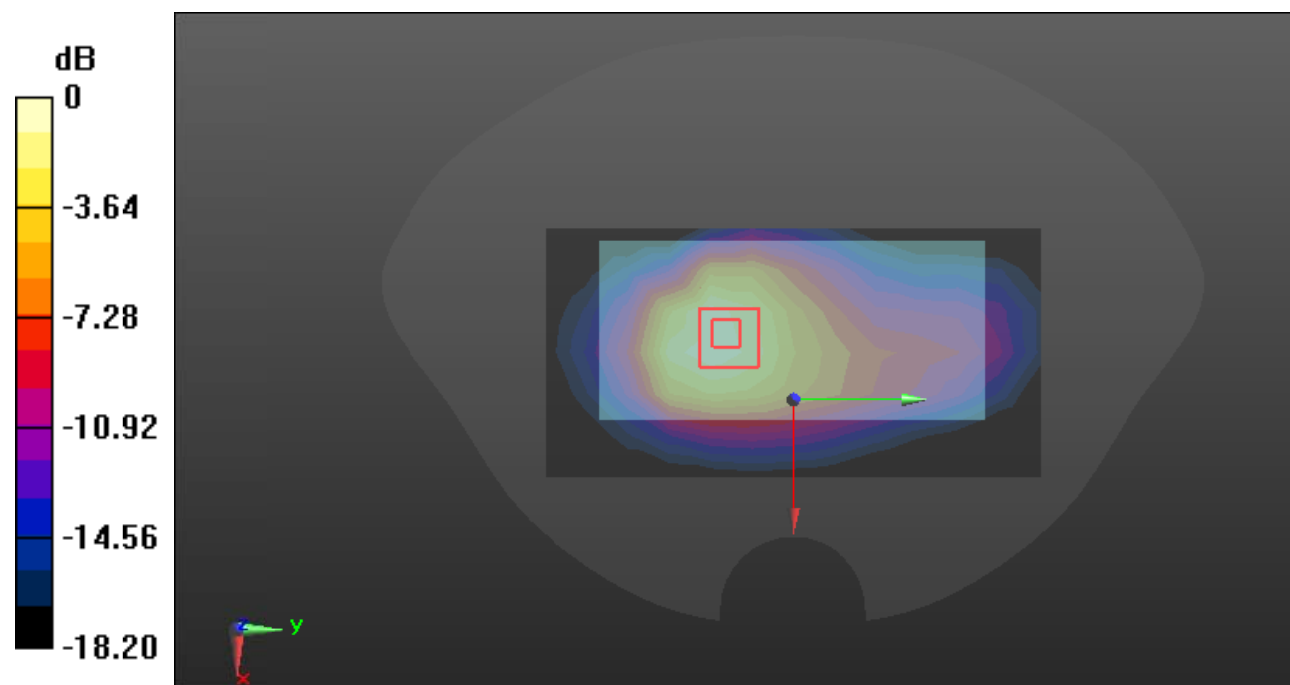
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.65 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.596 W/kg

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



0 dB = 1.53 W/kg = 1.85 dB dBW/kg

Test Plot13#: LTE Band 5_Head Left Cheek_1RB_High**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

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

Medium parameters used: $f = 844$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.271$; $\rho = 1000$ kg/m³ ;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(9.88, 9.88, 9.88) @844 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.591 W/kg

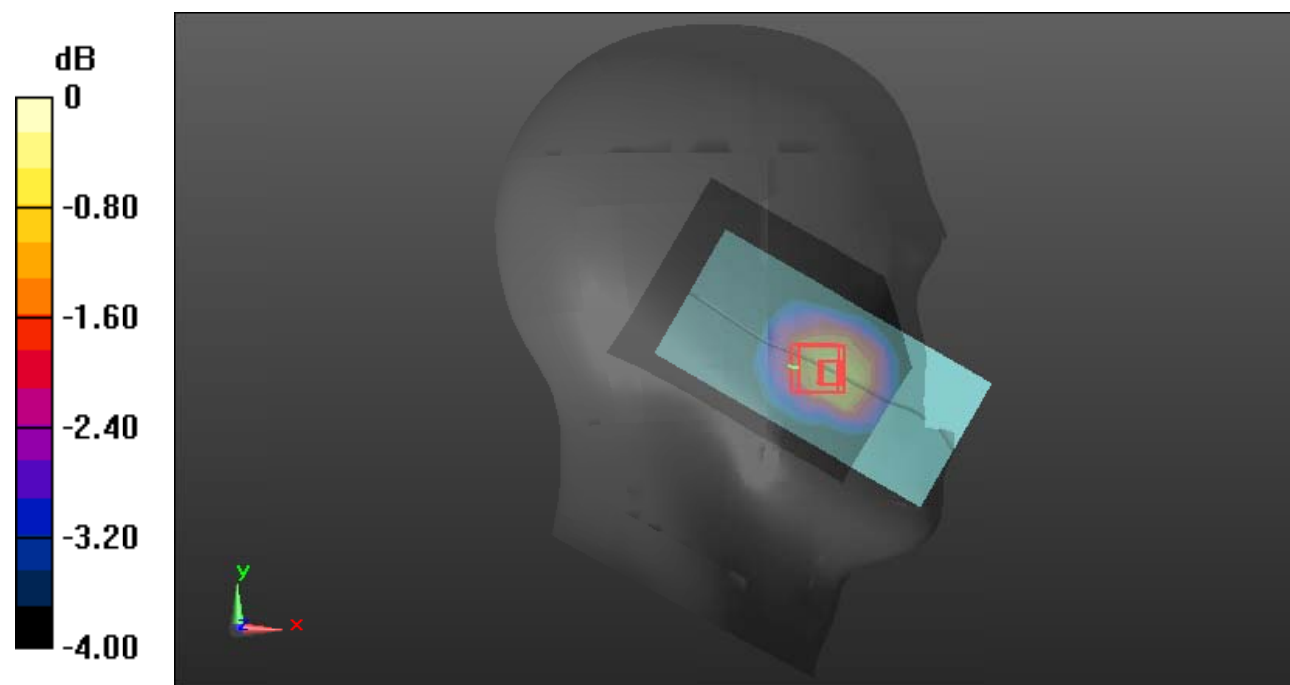
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.844 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.405 W/kg

Maximum value of SAR (measured) = 0.666 W/kg



0 dB = 0.666 W/kg = -1.77 dB dBW/kg

Test Plot14#: LTE Band 5_Body Back_1RB_Middle**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic FDD-LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 42.334$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(9.88, 9.88, 9.88) @836.5 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.982 W/kg

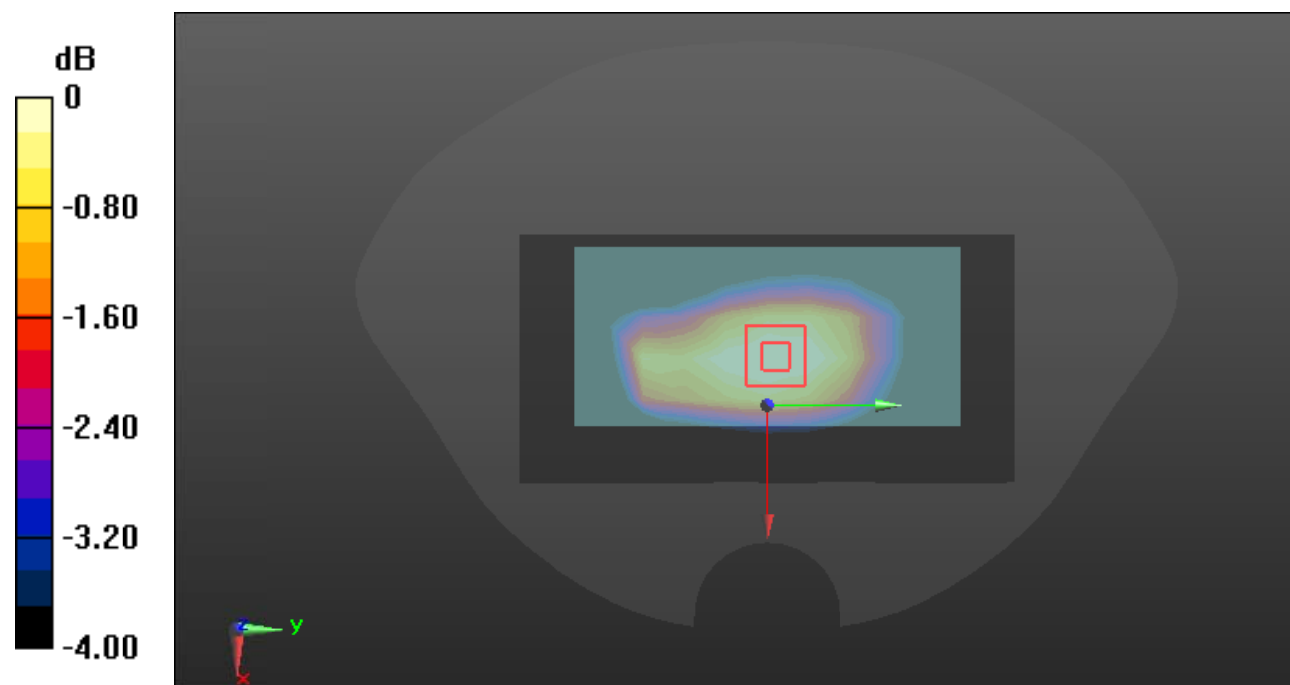
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.53 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.980 W/kg

SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.563 W/kg

Maximum value of SAR (measured) = 0.918 W/kg



0 dB = 0.918 W/kg = -0.37 dB dBW/kg

Test Plot15#: LTE Band 7_Head Left Cheek_1RB_Low**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic FDD-LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.862$ S/m; $\epsilon_r = 38.716$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.27, 7.27, 7.27) @2510 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

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

Maximum value of SAR (interpolated) = 0.121 W/kg

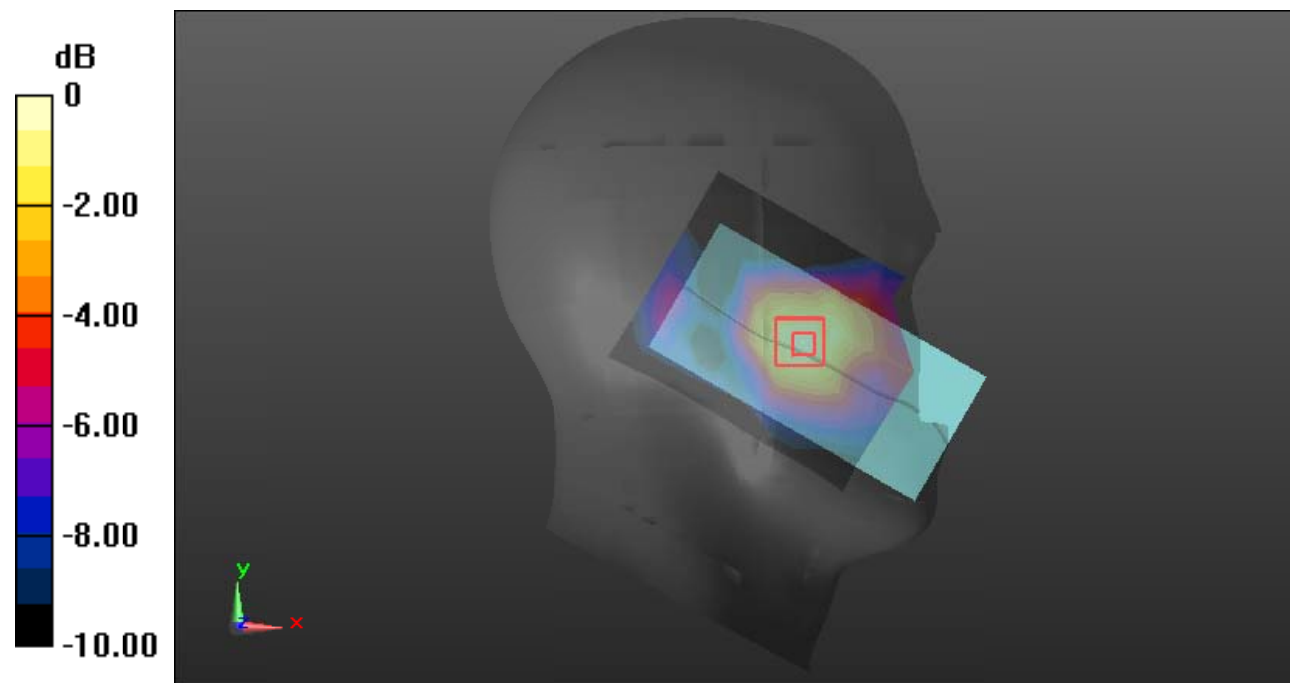
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.714 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.125 W/kg



0 dB = 0.125 W/kg = -9.03 dB dBW/kg

Test Plot16#: LTE Band 7_Body Back_1RB_Low**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

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

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.862$ S/m; $\epsilon_r = 38.716$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.27, 7.27, 7.27) @2510 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.50 W/kg

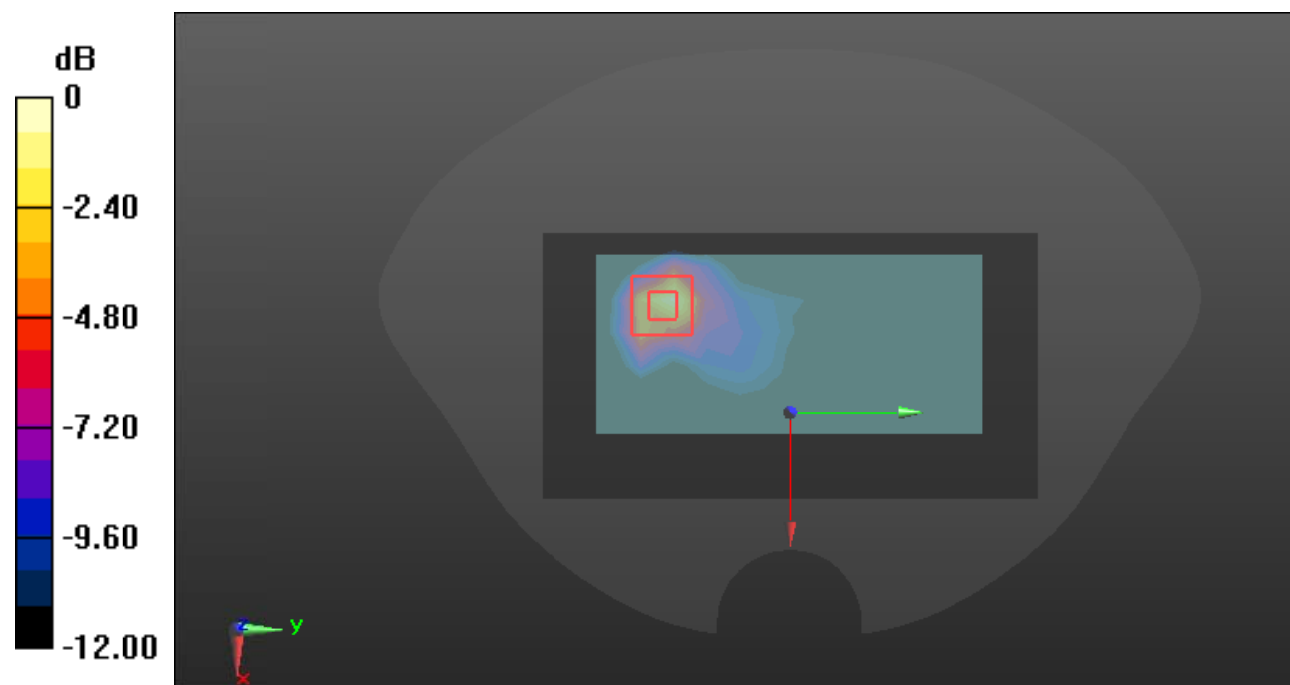
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.466 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.389 W/kg

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg = 2.15 dB dBW/kg

Test Plot17#: LTE Band 12_Head Left Cheek_1RB_High**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic FDD-LTE (0); Frequency: 711 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 711$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 42.757$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(10.27, 10.27, 10.27) @711 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0919 W/kg

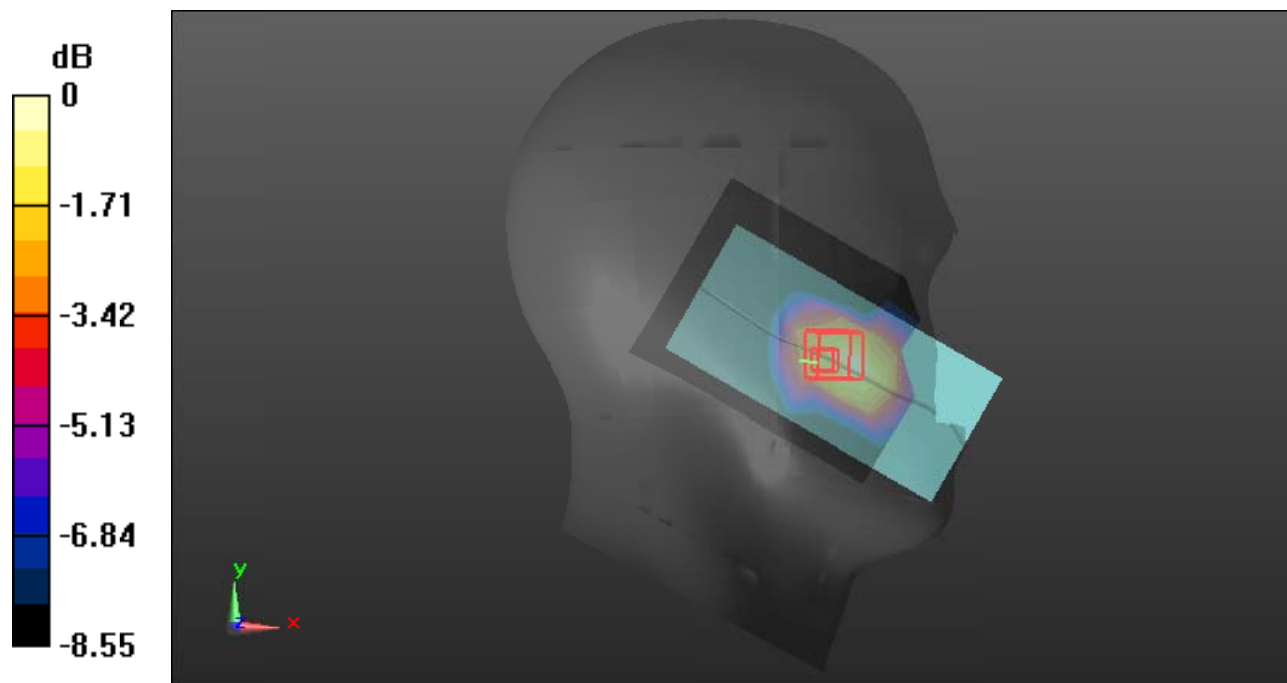
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.955 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.279 W/kg

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

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.264 W/kg = -5.78 dB dBW/kg

Test Plot18#: LTE Band 12_Body Back_1RB_High**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

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

Medium parameters used: $f = 711$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 42.757$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(10.27, 10.27, 10.27) @711 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.790 W/kg

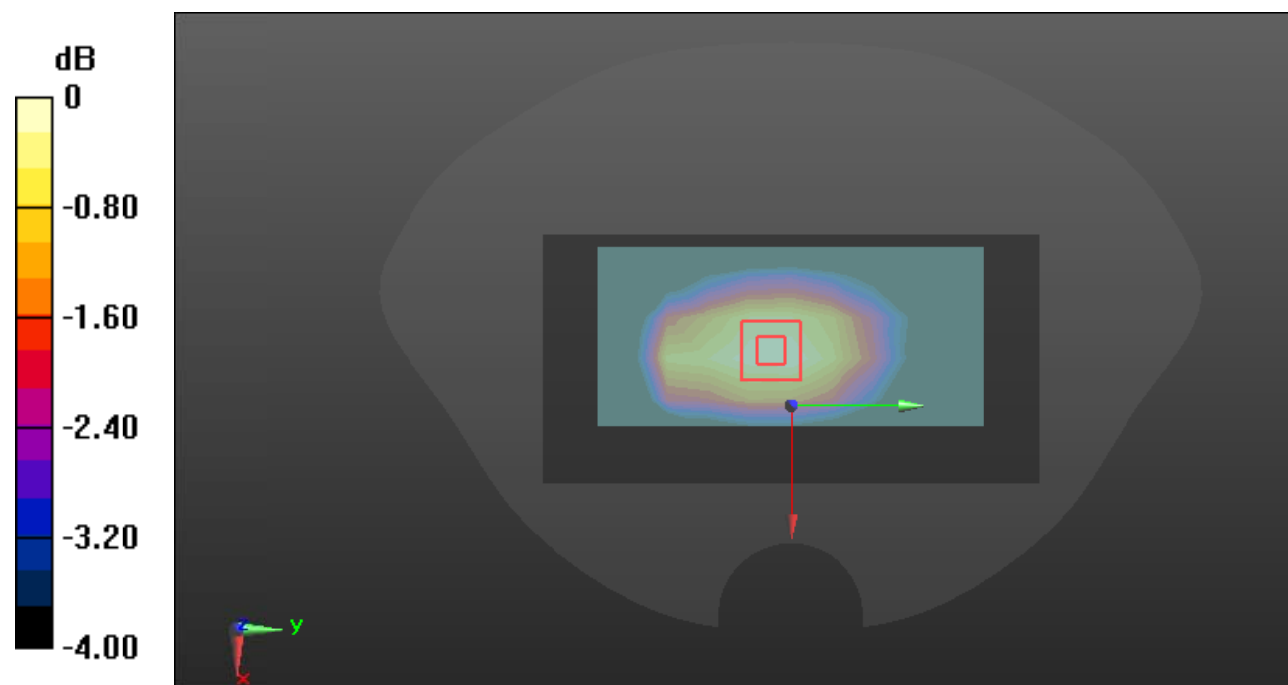
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.34 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.841 W/kg

SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.483 W/kg

Maximum value of SAR (measured) = 0.784 W/kg



0 dB = 0.784 W/kg = -1.06 dB dBW/kg

Test Plot19#: LTE Band 41_Head Left Cheek_1RB_Middle**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

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

Medium parameters used: $f = 2595$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 38.207$; $\rho = 1000$ kg/m³ ;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.02, 7.02, 7.02) @2595 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

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

Maximum value of SAR (interpolated) = 0.0356 W/kg

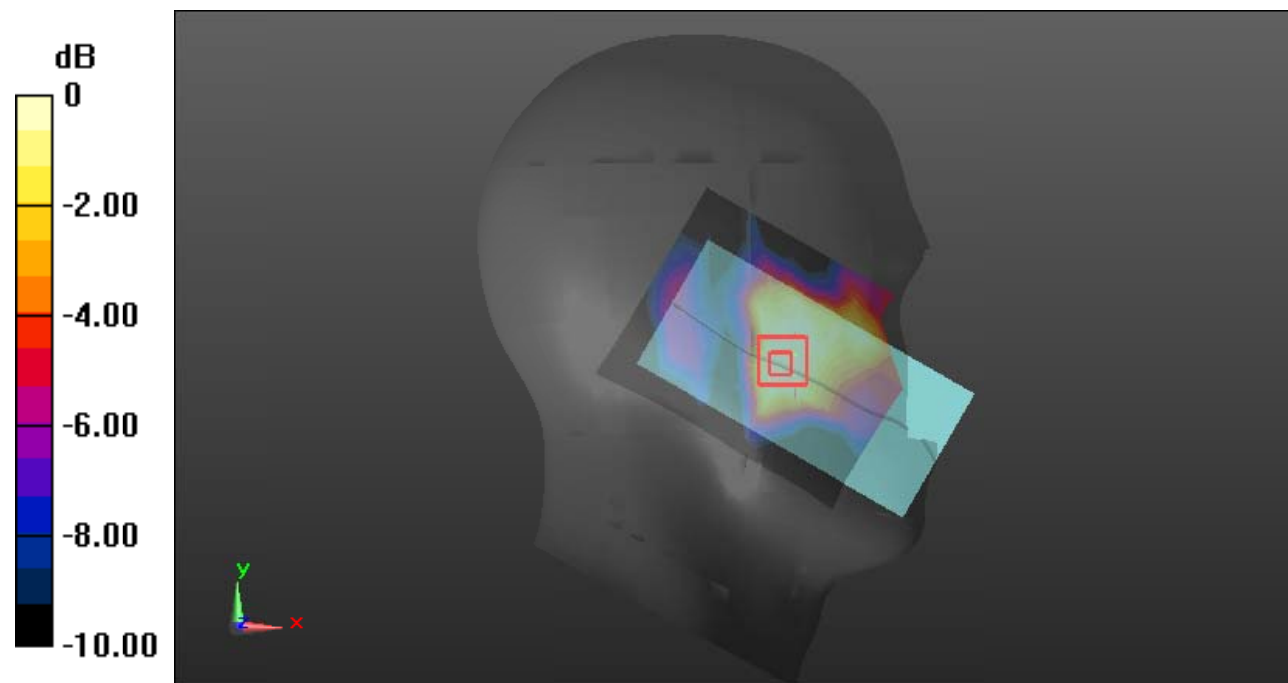
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.778 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0450 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.010 W/kg

Maximum value of SAR (measured) = 0.0306 W/kg



0 dB = 0.0306 W/kg = -15.14 dB dBW/kg

Test Plot20#: LTE Band 41_Body Back_1RB_Low**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic TDD-LTE (0); Frequency: 2545 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2545$ MHz; $\sigma = 1.898$ S/m; $\epsilon_r = 38.482$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(7.27, 7.27, 7.27) @2545 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.535 W/kg

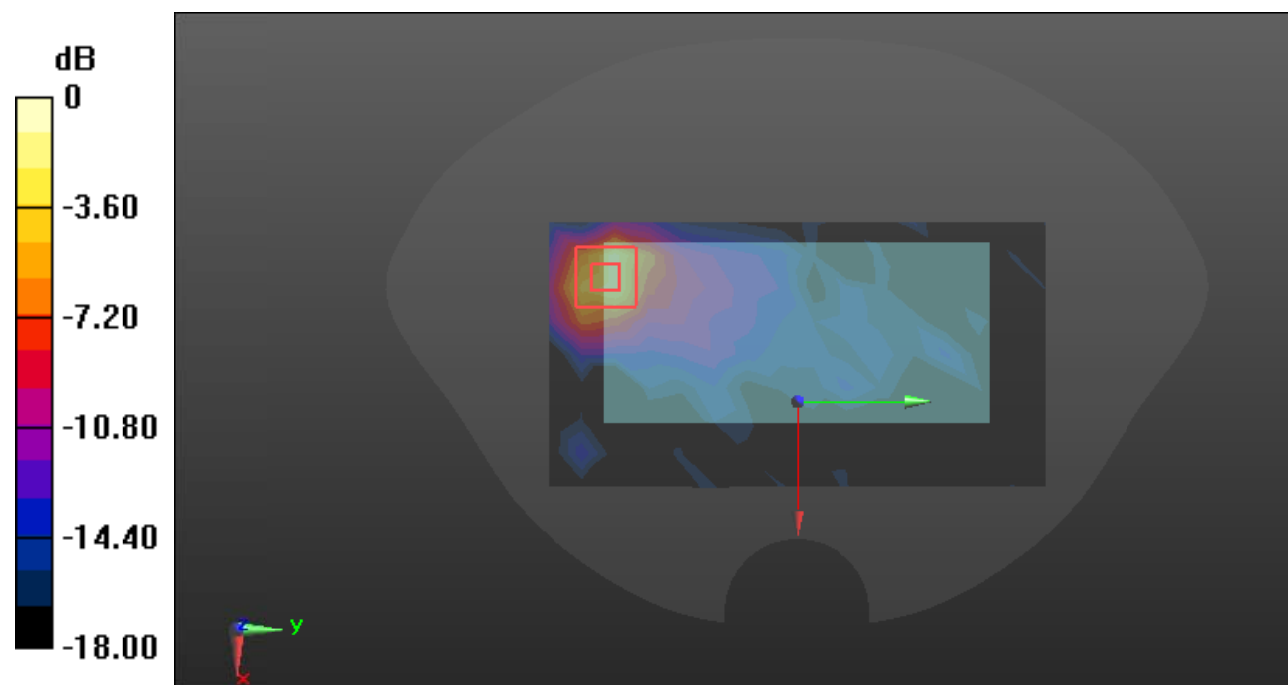
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.704 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.784 W/kg



0 dB = 0.784 W/kg = -1.06 dB dBW/kg

Test Plot21#: LTE Band 66_Head Left Cheek_1RB_Middle**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic FDD-LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.658$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(8.28, 8.28, 8.28) @1745 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.179 W/kg

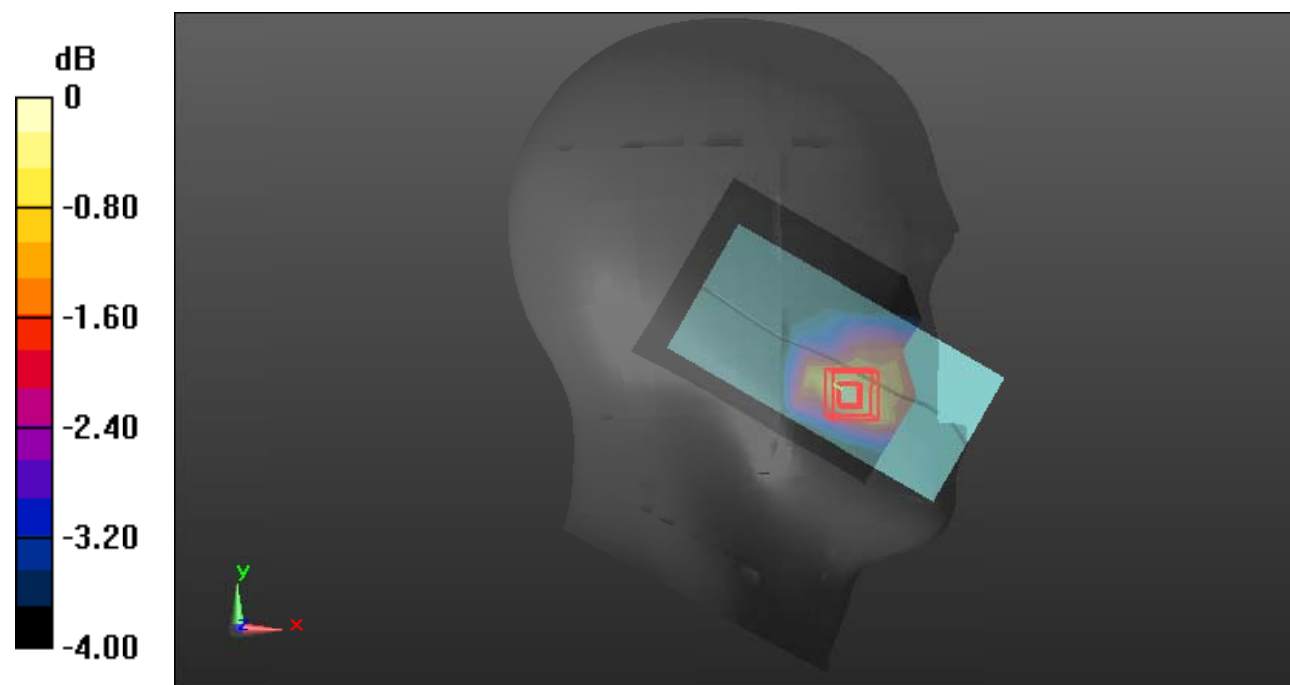
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.080 V/m; Power Drift = 0 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dB dBW/kg

Test Plot22#: LTE Band 66_Body Back_1RB_Middle**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic FDD-LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1
 Medium parameters used: $f=1745$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.658$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(8.28, 8.28, 8.28) @1745 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.95 W/kg

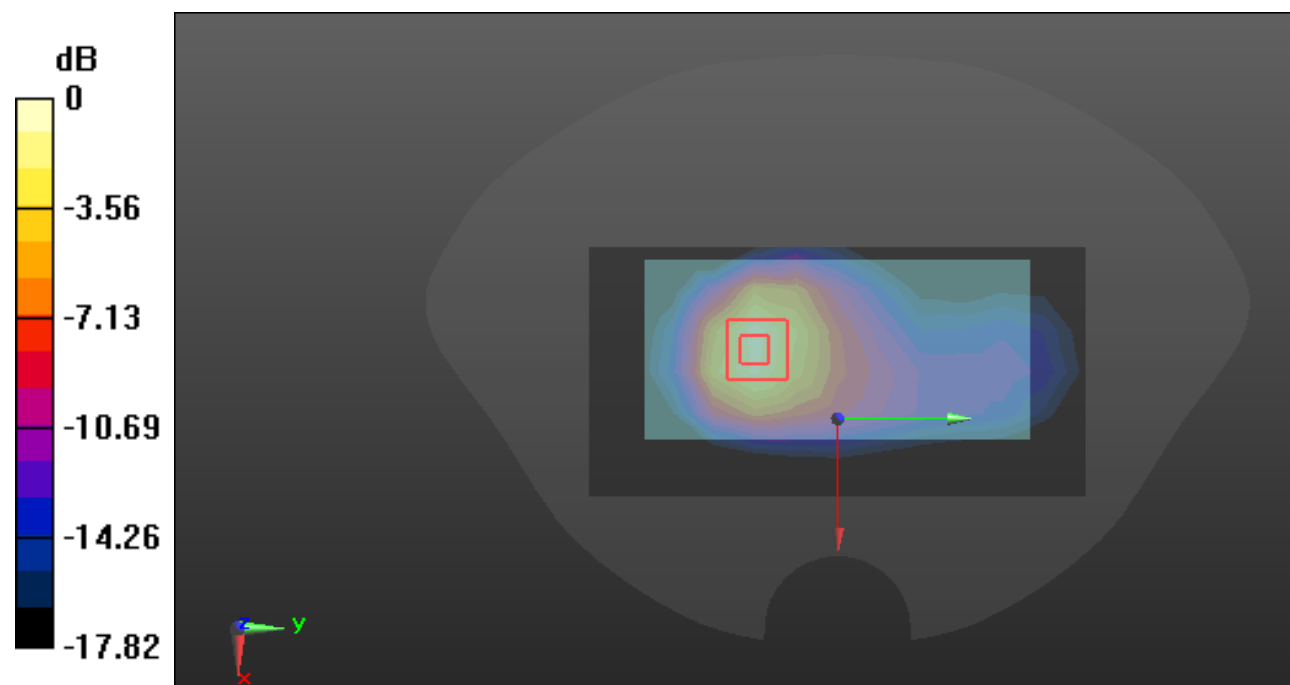
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.11 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.676 W/kg

Maximum value of SAR (measured) = 2.11 W/kg



0 dB = 2.11 W/kg = 3.24 dB dBW/kg

Test Plot23#: LTE Band 71_Head Left Cheek_1RB_High**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic FDD-LTE (0); Frequency: 688 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 688$ MHz; $\sigma = 0.867$ S/m; $\epsilon_r = 43.139$; $\rho = 1000$ kg/m³ ;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(10.27, 10.27, 10.27) @688 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

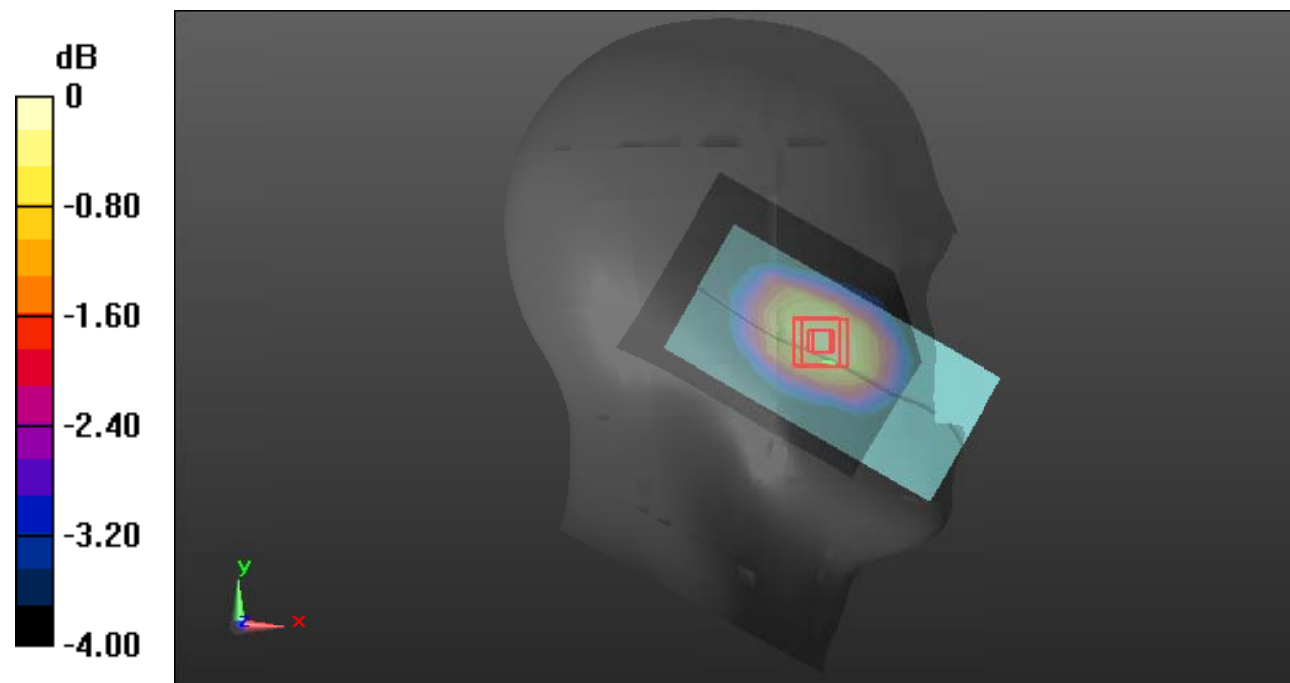
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.796 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.141 W/kg



0 dB = 0.141 W/kg = -8.51 dB dBW/kg

Test Plot24#: LTE Band 71_Body Back_1RB_High**DUT: Phone; Type: RANGER 4G; Serial: RDG241203002-1;**

Communication System: Generic FDD-LTE (0); Frequency: 688 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 688$ MHz; $\sigma = 0.867$ S/m; $\epsilon_r = 43.139$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7557; ConvF(10.27, 10.27, 10.27) @688 MHz; Calibrated: 2024/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN527; Calibrated: 2024/3/26
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 1963
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.11 (7437)

Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.527 W/kg

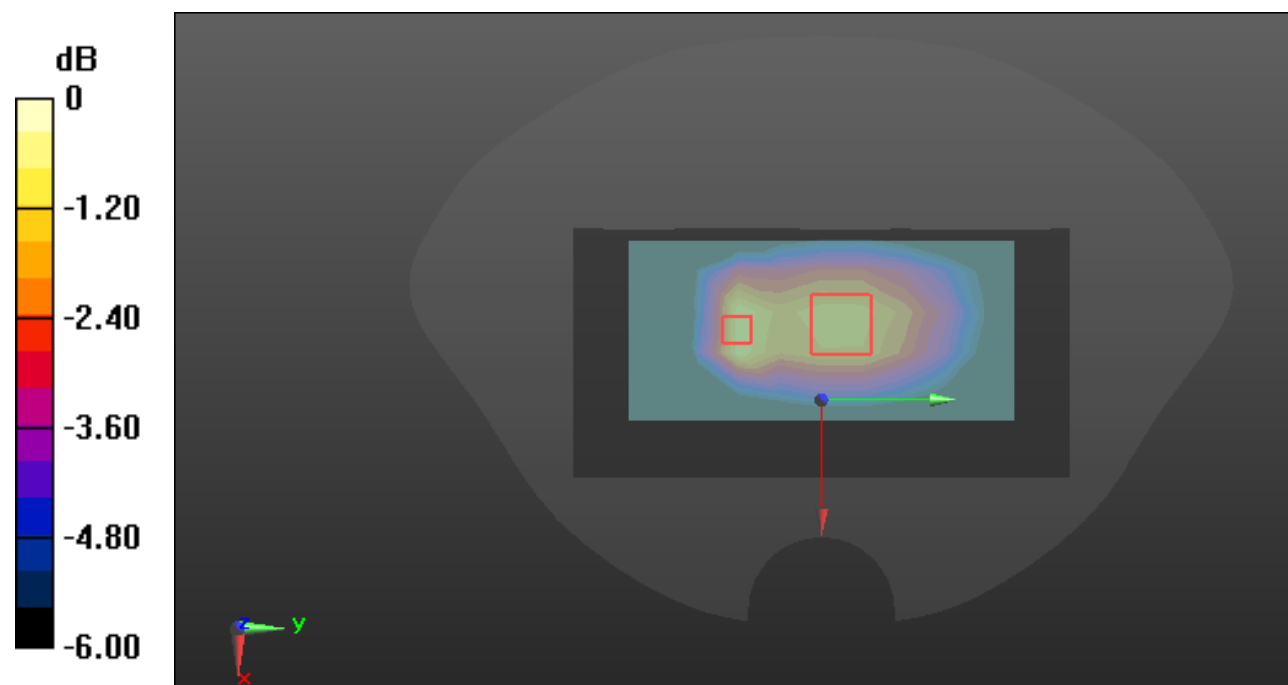
Zoom Scan (6x10x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.84 V/m; Power Drift = 0 dB

Peak SAR (extrapolated) = 0.835 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.289 W/kg

Maximum value of SAR (measured) = 0.632 W/kg



0 dB = 0.632 W/kg = -1.99 dB dBW/kg