

Test Plot 1#: GSM 850_Head Left Cheek_Low**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 40.591$; $\rho = 1000$ kg/m³ ;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.01, 10.01, 10.01); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

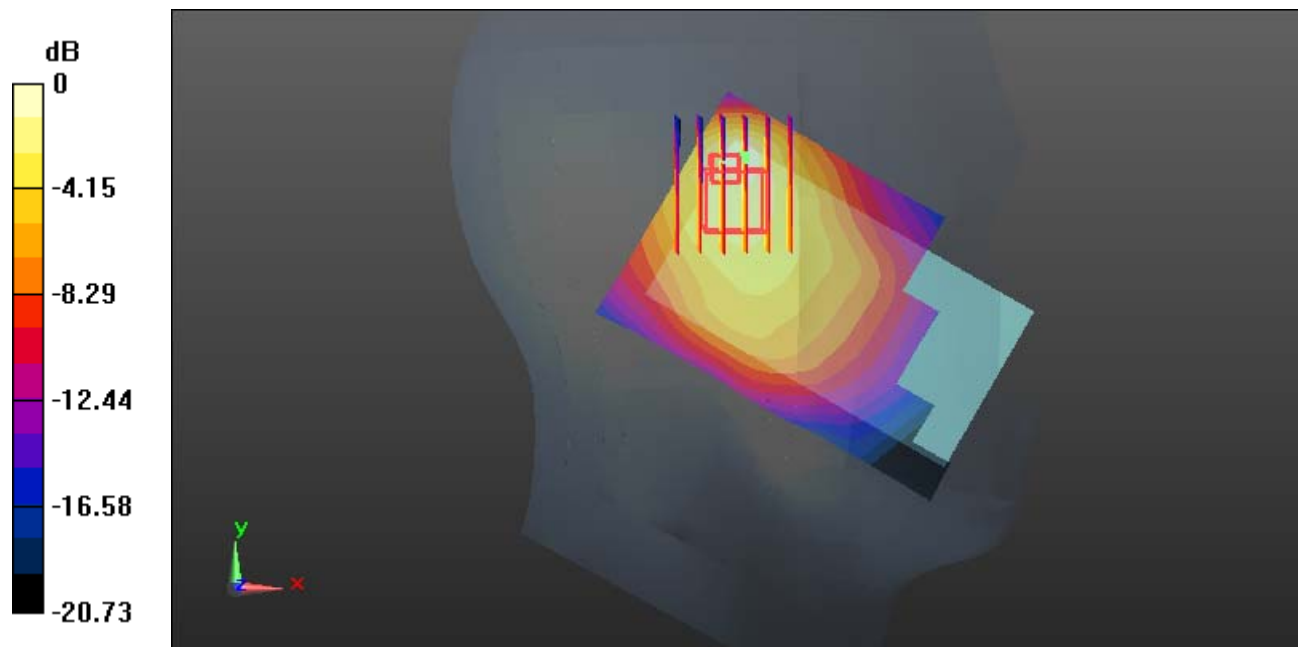
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.28 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.494 W/kg

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



0 dB = 1.39 W/kg = 1.43 dBW/kg

Test Plot 2#: GSM 850_Head Left Cheek_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8
 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.858$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.01, 10.01, 10.01); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

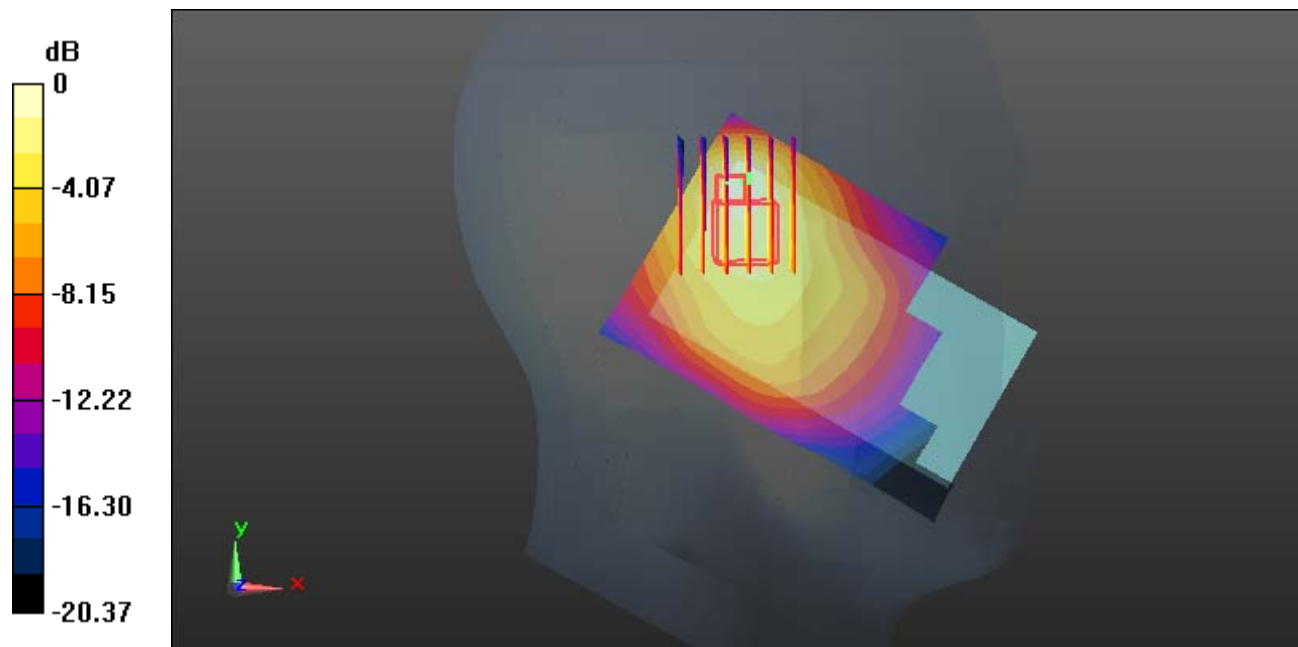
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.17 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.562 W/kg

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



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

Test Plot 3#: GSM 850_Head Left Cheek_High**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 40.798$; $\rho = 1000$ kg/m³ ;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.01, 10.01, 10.01); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

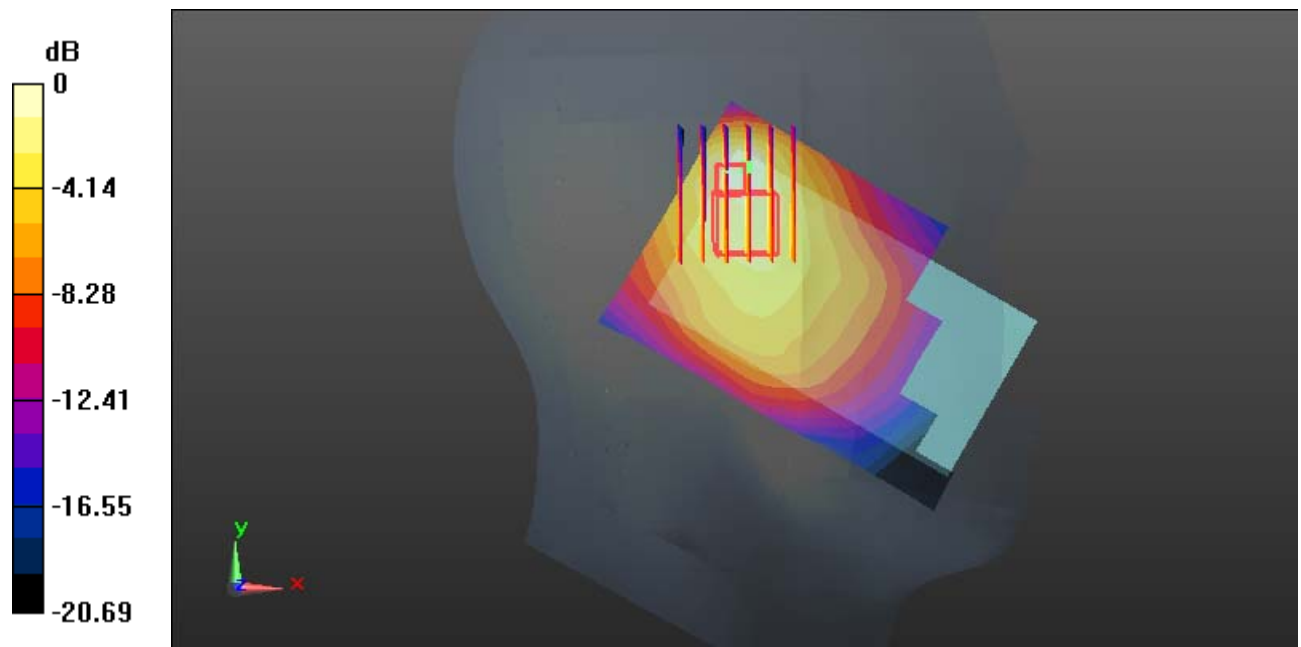
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.35 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.547 W/kg

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



0 dB = 1.46 W/kg = 1.64 dBW/kg

Test Plot 4#: GSM 850_Head Left Tilt_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8
 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.858$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.01, 10.01, 10.01); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

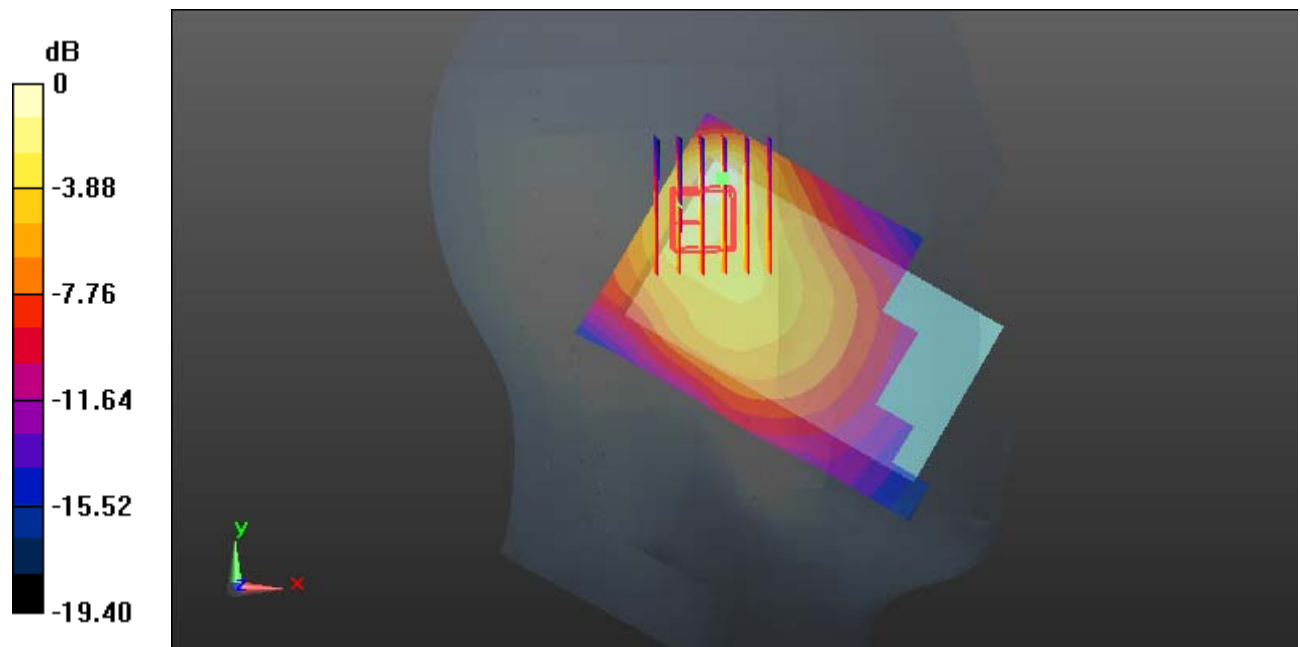
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.02 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.361 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

Test Plot 5#: GSM 850_Head Right Cheek_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8
 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.858$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.01, 10.01, 10.01); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.814 W/kg

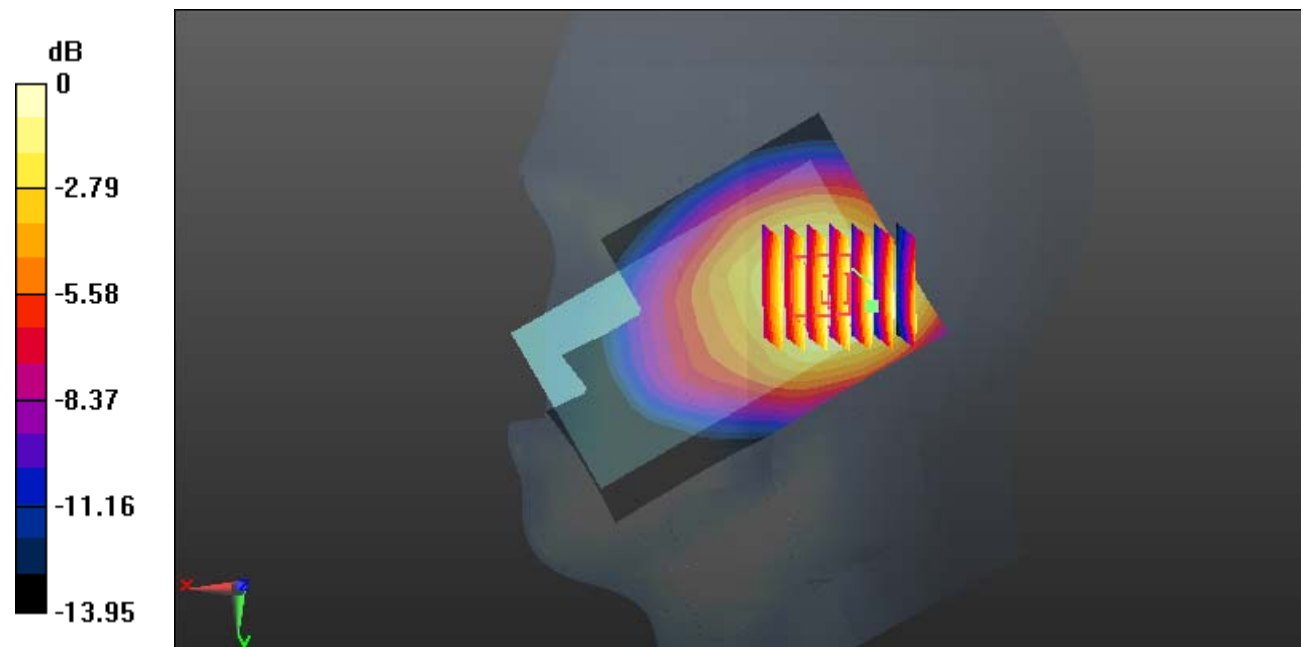
Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.02 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.903 W/kg

SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.412 W/kg

Maximum value of SAR (measured) = 0.759 W/kg



0 dB = 0.759 W/kg = -1.20 dBW/kg

Test Plot 6#: GSM 850_Head Right Tilt_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8
 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.858$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.01, 10.01, 10.01); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.686 W/kg

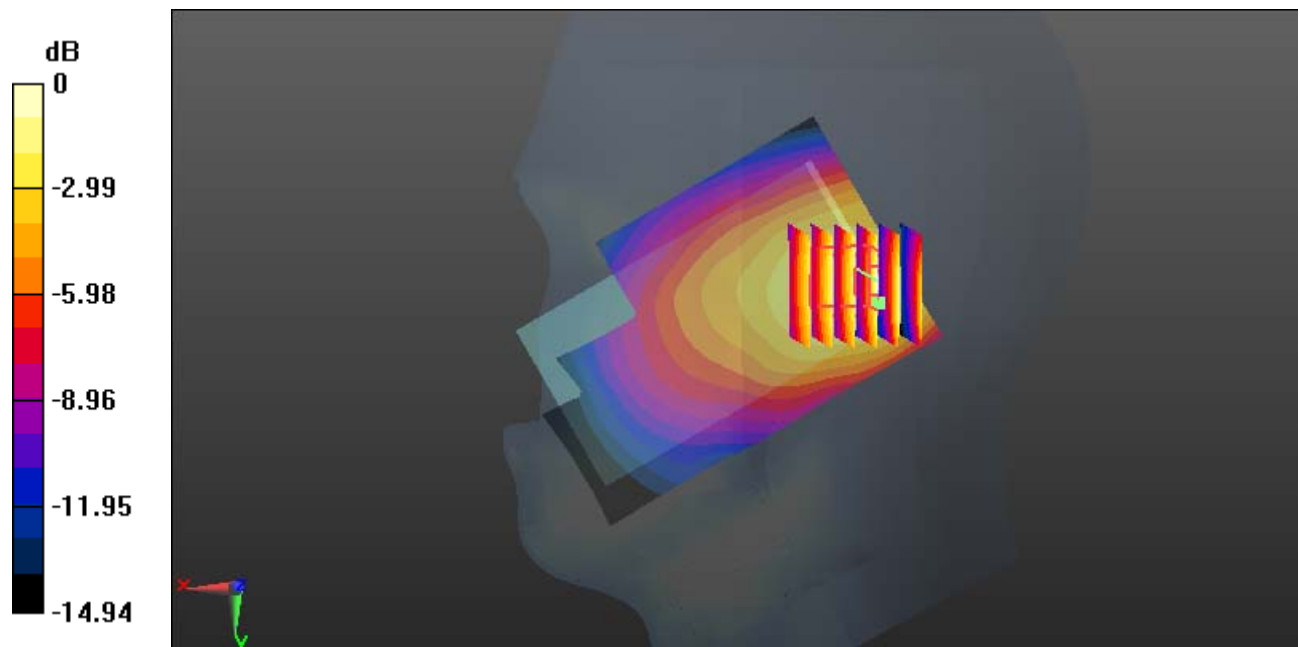
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.95 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.887 W/kg

SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.755 W/kg



0 dB = 0.755 W/kg = -1.22 dBW/kg

Test Plot 7#: GSM 850_Body Worn Back_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 55.802$; $\rho = 1000$ kg/m³ ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.23, 10.23, 10.23); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

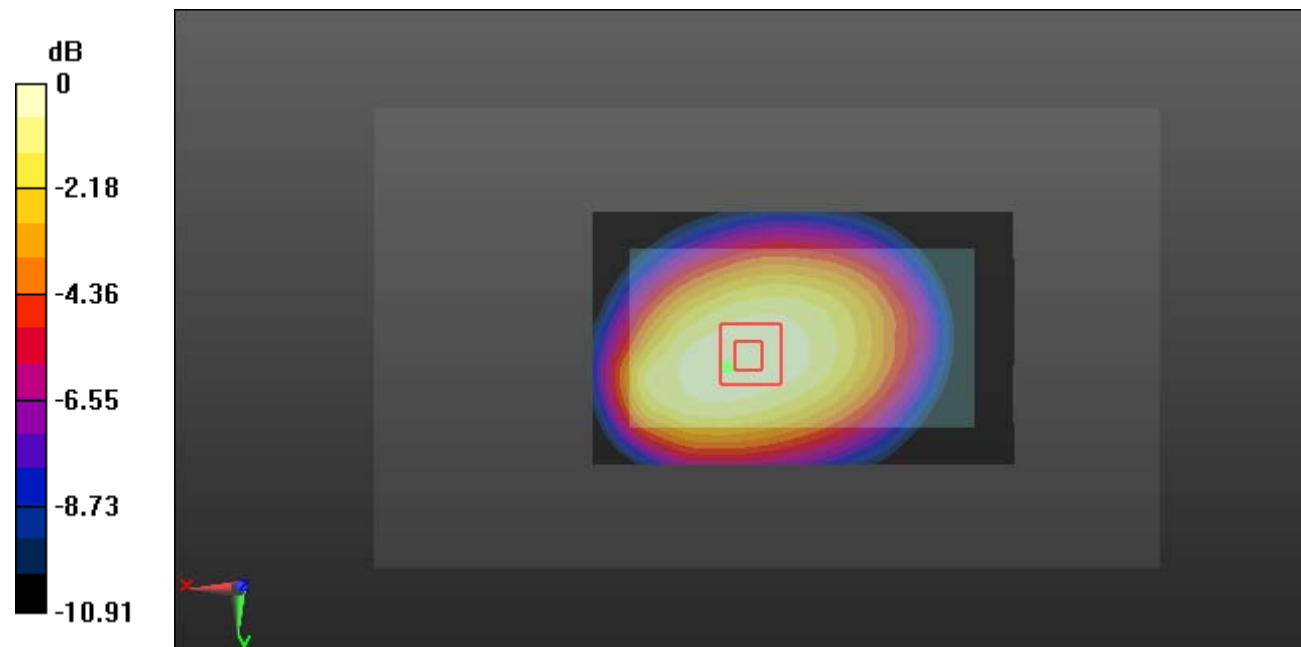
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.18 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.207 W/kg

Maximum value of SAR (measured) = 0.347 W/kg



0 dB = 0.347 W/kg = -4.60 dBW/kg

Test Plot 8#: GSM 850_Body Back_Low**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GPRS-3 slots; Frequency: 824.2 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.95$ S/m; $\epsilon_r = 55.367$; $\rho = 1000$ kg/m³ ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.23, 10.23, 10.23); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

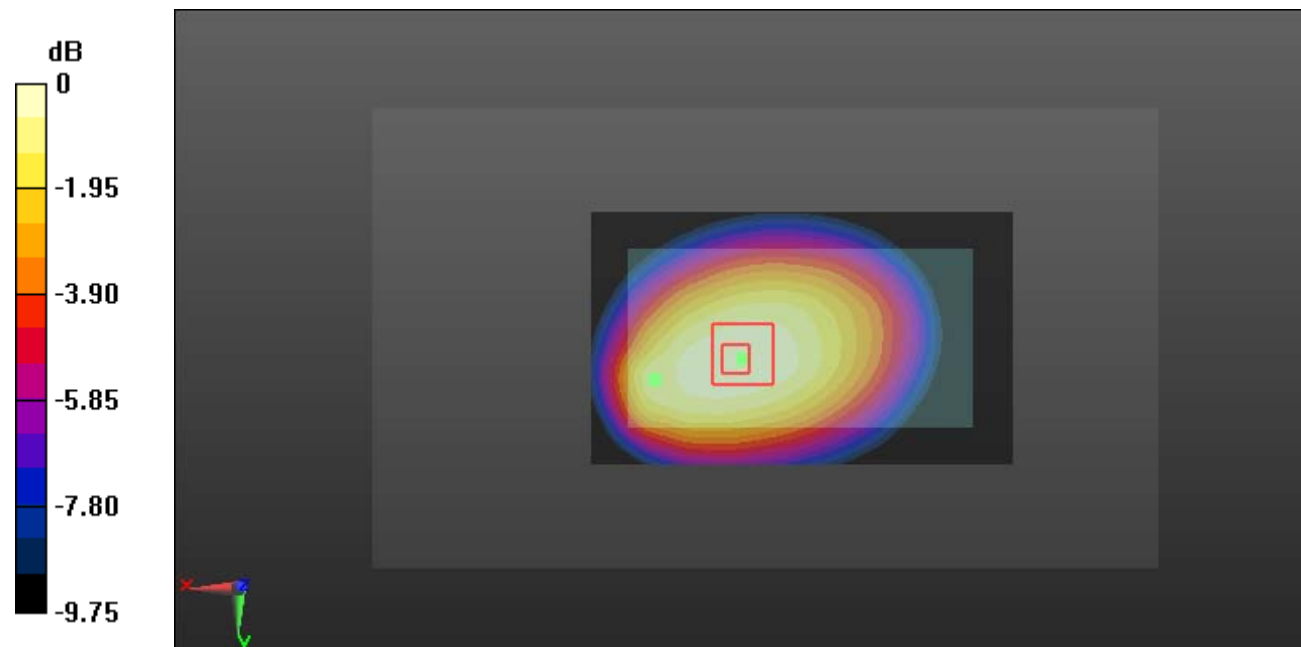
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.10 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.535 W/kg

Maximum value of SAR (measured) = 0.909 W/kg



0 dB = 0.909 W/kg = -0.41 dBW/kg

Test Plot 9#: GSM 850_Body Back_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GPRS-3 slots; Frequency: 836.6 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 55.802$; $\rho = 1000$ kg/m³ ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.23, 10.23, 10.23); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

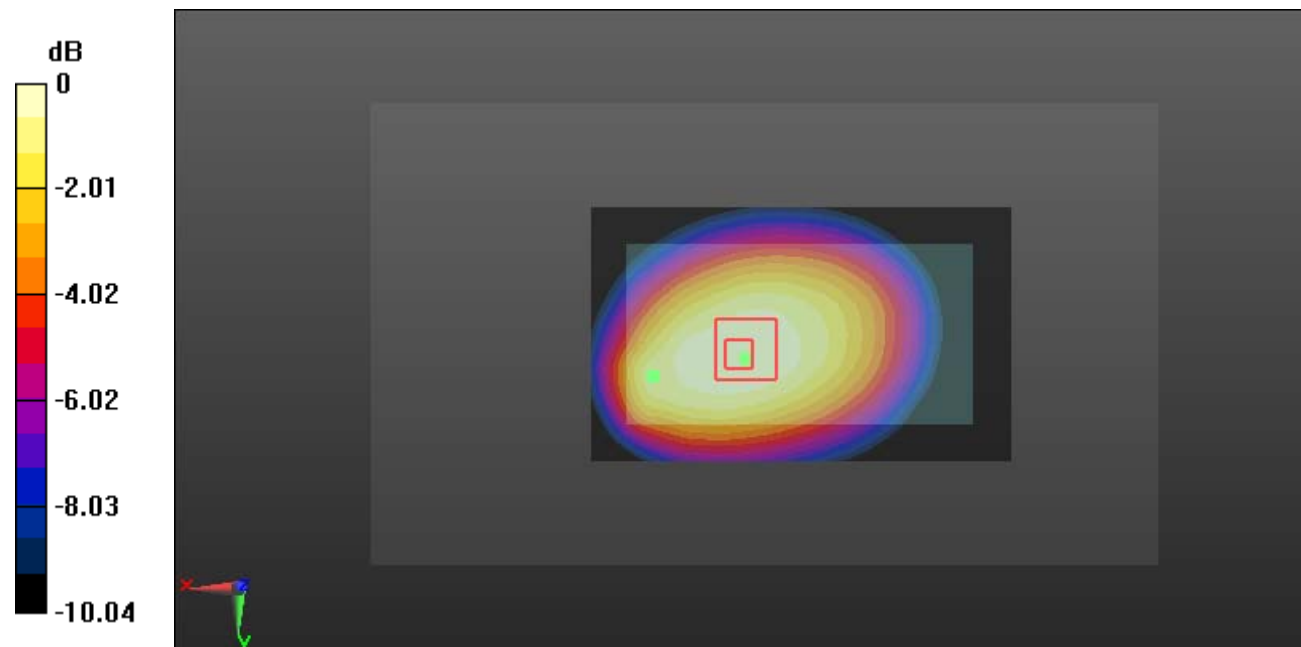
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.67 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.629 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

Test Plot 10#: GSM 850_Body Back_High**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

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

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.962$ S/m; $\epsilon_r = 55.702$; $\rho = 1000$ kg/m³ ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.23, 10.23, 10.23); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

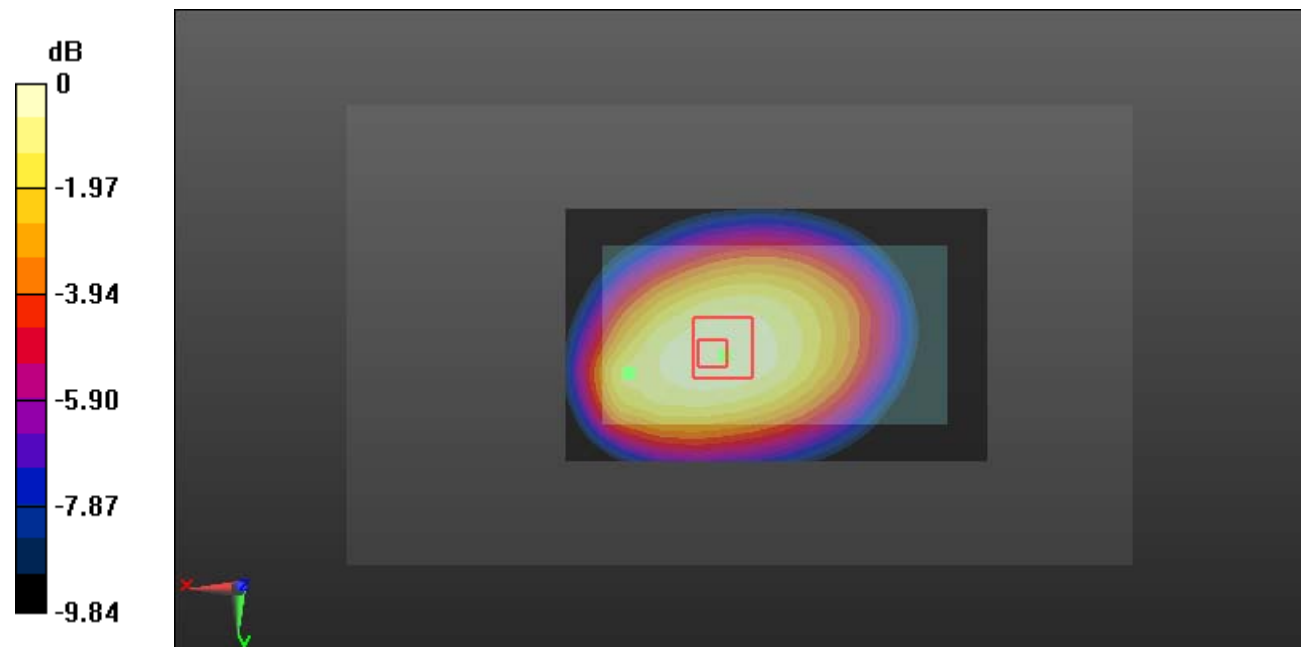
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.74 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.591 W/kg

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



0 dB = 1.01 W/kg = 0.04 dBW/kg

Test Plot 11#: GSM 850_Body Right_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GPRS-3 slots; Frequency: 836.6 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 55.802$; $\rho = 1000$ kg/m³ ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.23, 10.23, 10.23); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.651 W/kg

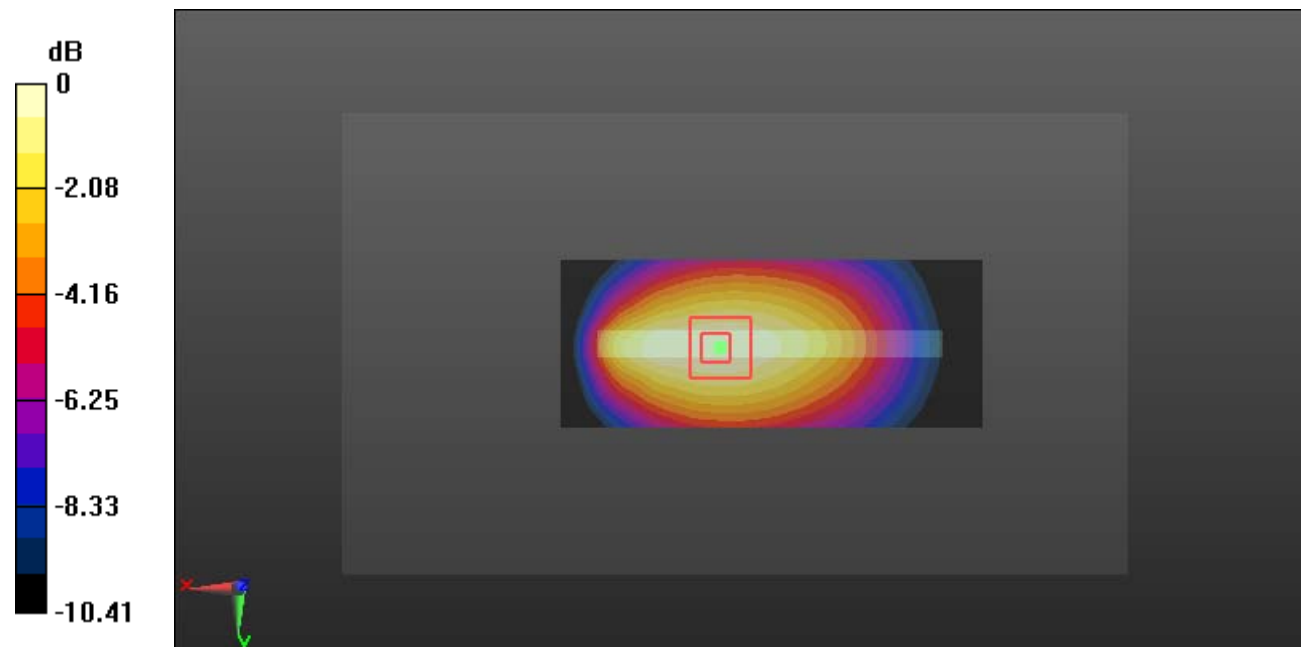
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.10 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.743 W/kg

SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.654 W/kg



0 dB = 0.654 W/kg = -1.84 dBW/kg

Test Plot 12#: GSM 850_Body Top_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GPRS-3 slots; Frequency: 836.6 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 55.802$; $\rho = 1000$ kg/m³ ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.23, 10.23, 10.23); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.299 W/kg

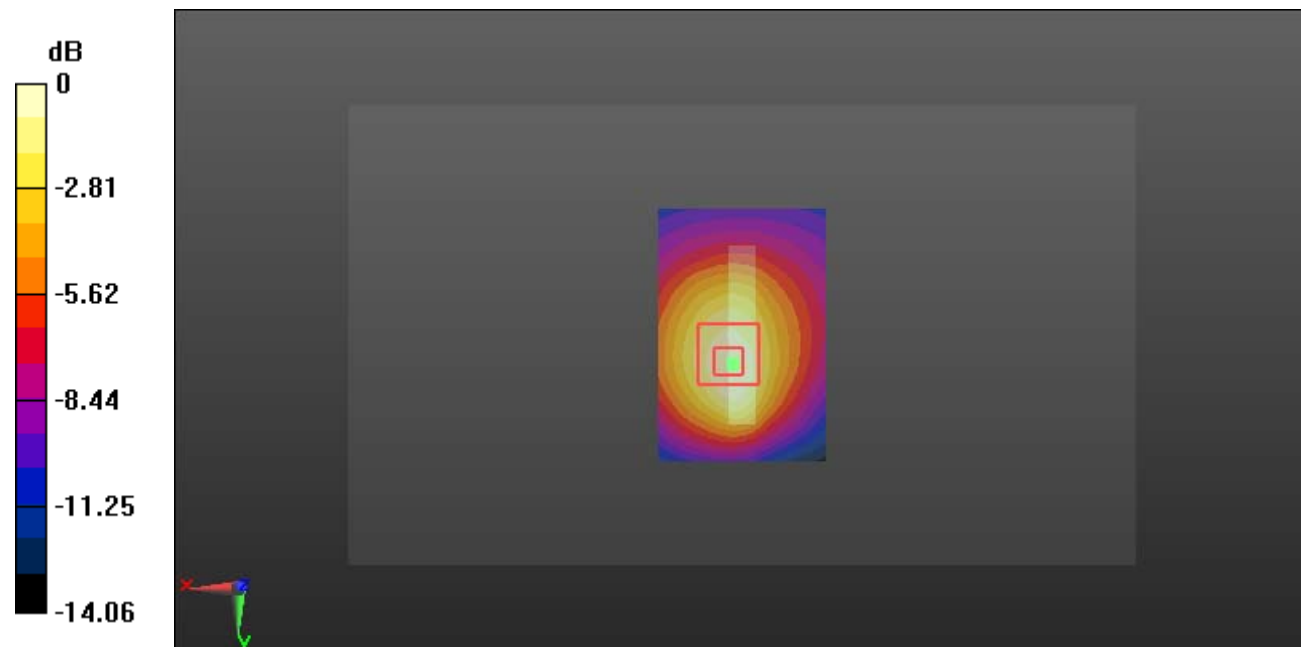
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.87 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.354 W/kg

SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.117 W/kg

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



0 dB = 0.282 W/kg = -5.50 dBW/kg

Test Plot 13#: PCS 1900_Head Left Cheek_Low**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 39.76$; $\rho = 1000$ kg/m³ ;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.1, 8.1, 8.1); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.30 W/kg

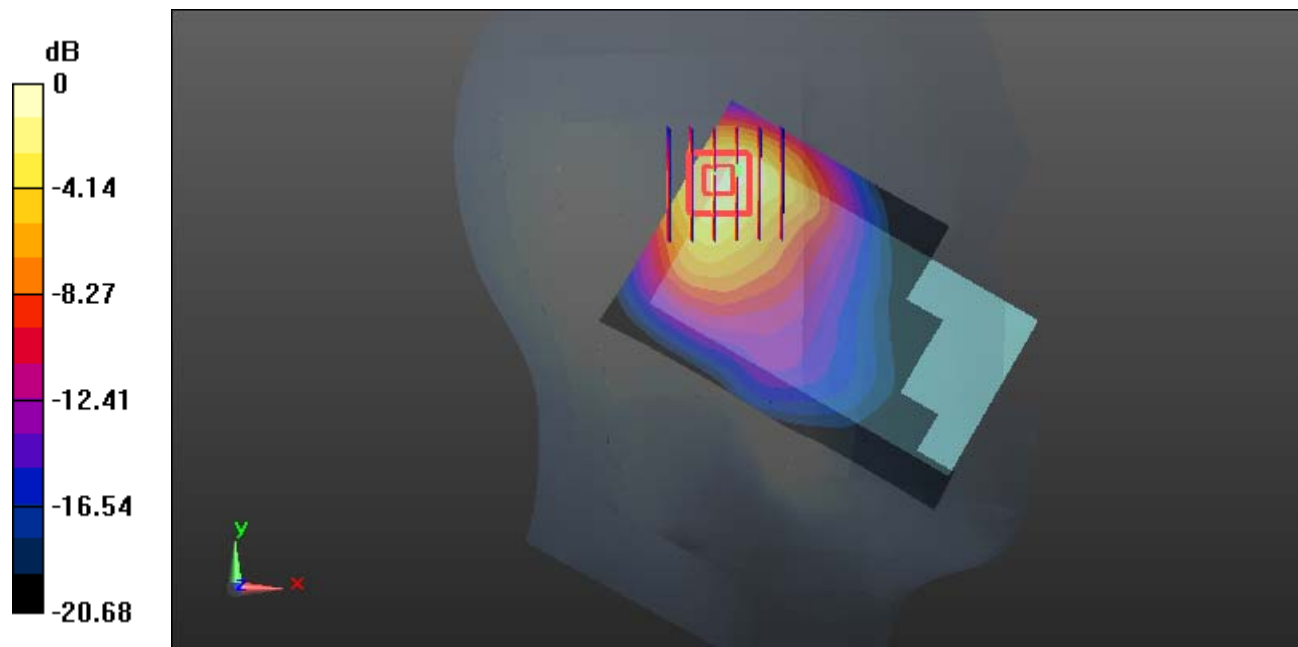
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.13 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.23 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.484 W/kg

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



0 dB = 1.57 W/kg = 1.96 dBW/kg

Test Plot 14#: PCS 1900_Head Left Cheek_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 39.306$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.1, 8.1, 8.1); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

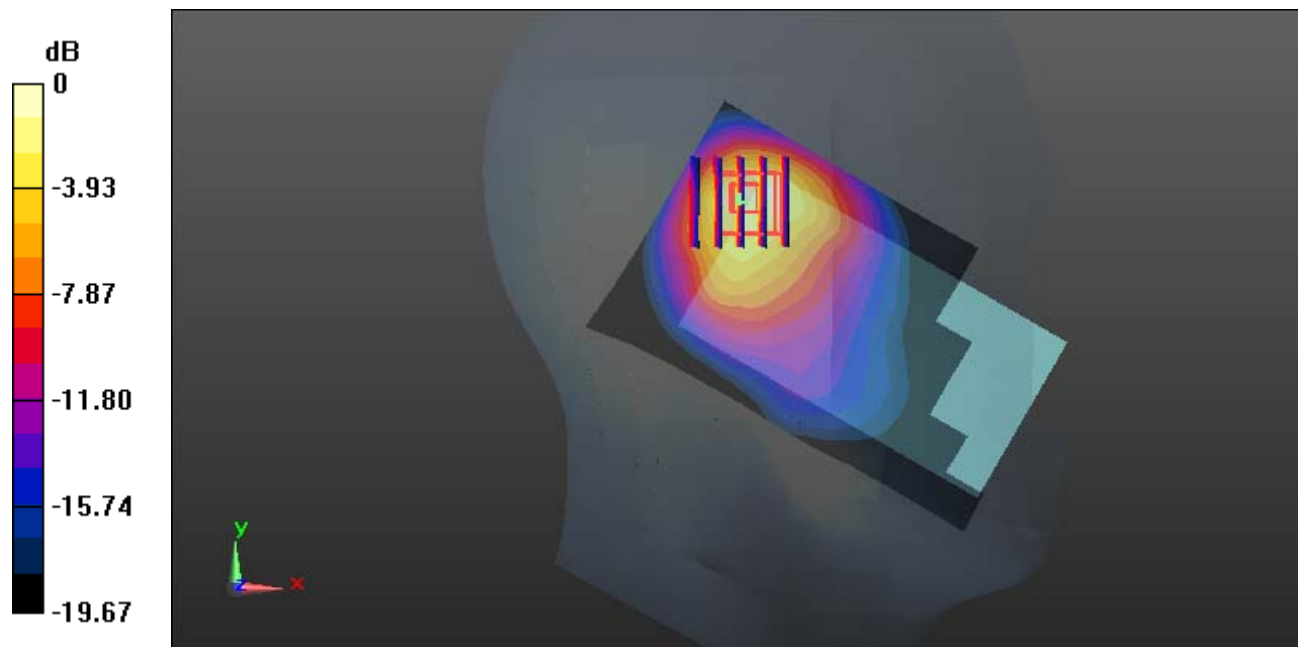
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.70 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.819 W/kg; SAR(10 g) = 0.381 W/kg

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



0 dB = 1.37 W/kg = 1.37 dBW/kg

Test Plot 15#: PCS 1900_Head Left Cheek_High**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.429$ S/m; $\epsilon_r = 39.359$; $\rho = 1000$ kg/m³ ;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.1, 8.1, 8.1); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

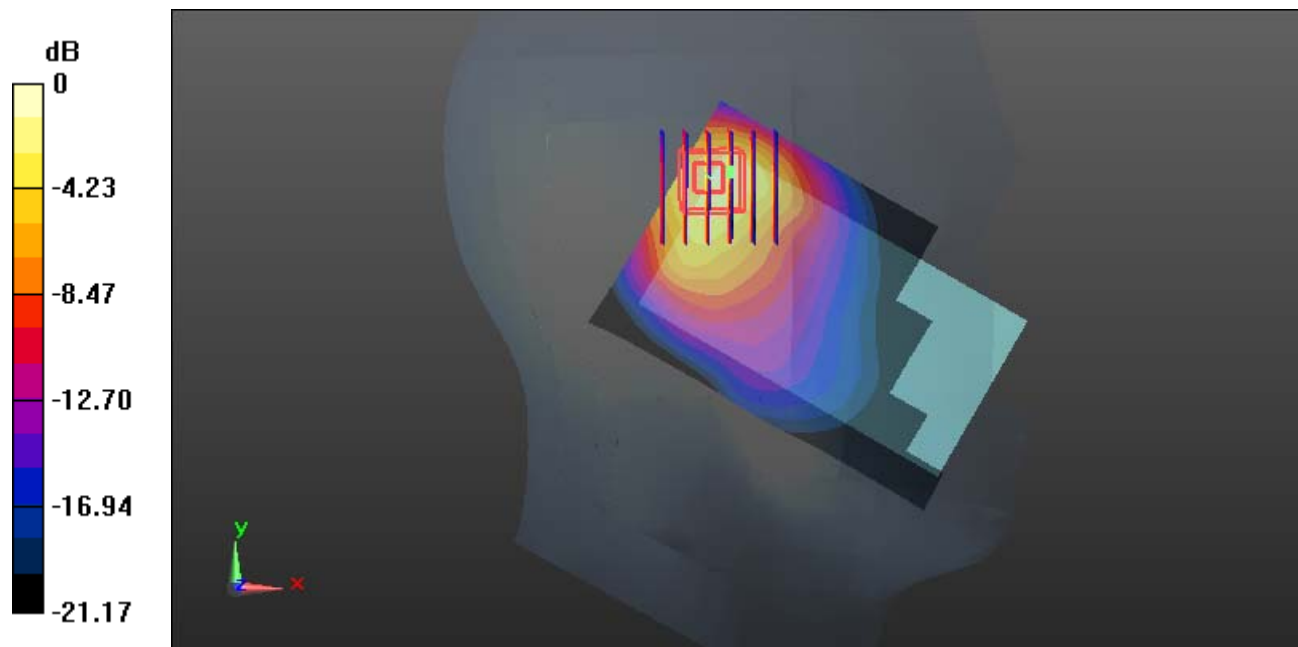
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.99 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.413 W/kg

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



0 dB = 1.50 W/kg = 1.76 dBW/kg

Test Plot 16#: PCS 1900_Head Left Tilt_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 39.306$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.1, 8.1, 8.1); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.764 W/kg

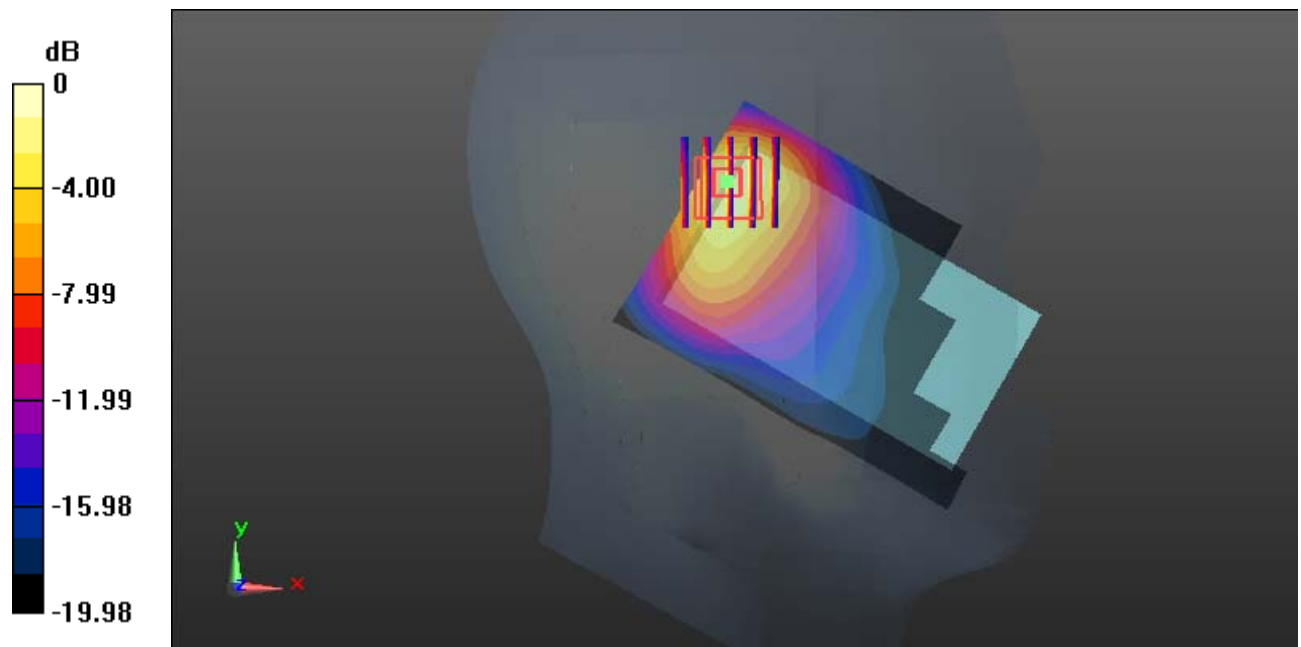
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.07 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.305 W/kg

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



0 dB = 1.08 W/kg = 0.33 dBW/kg

Test Plot 17#: PCS 1900_Head Right Cheek_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 39.306$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.1, 8.1, 8.1); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.696 W/kg

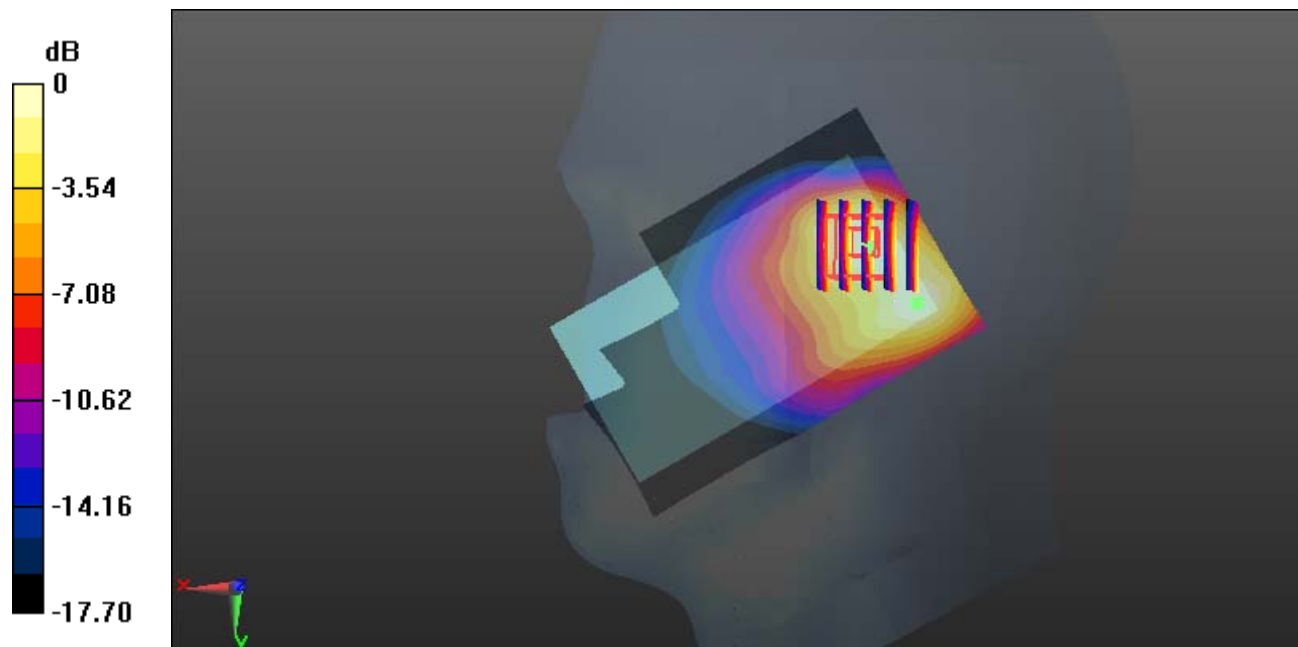
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.74 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.264 W/kg

Maximum value of SAR (measured) = 0.673 W/kg



0 dB = 0.673 W/kg = -1.72 dBW/kg

Test Plot 18#: PCS 1900_Head Right Tilt_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 39.306$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.1, 8.1, 8.1); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.517 W/kg

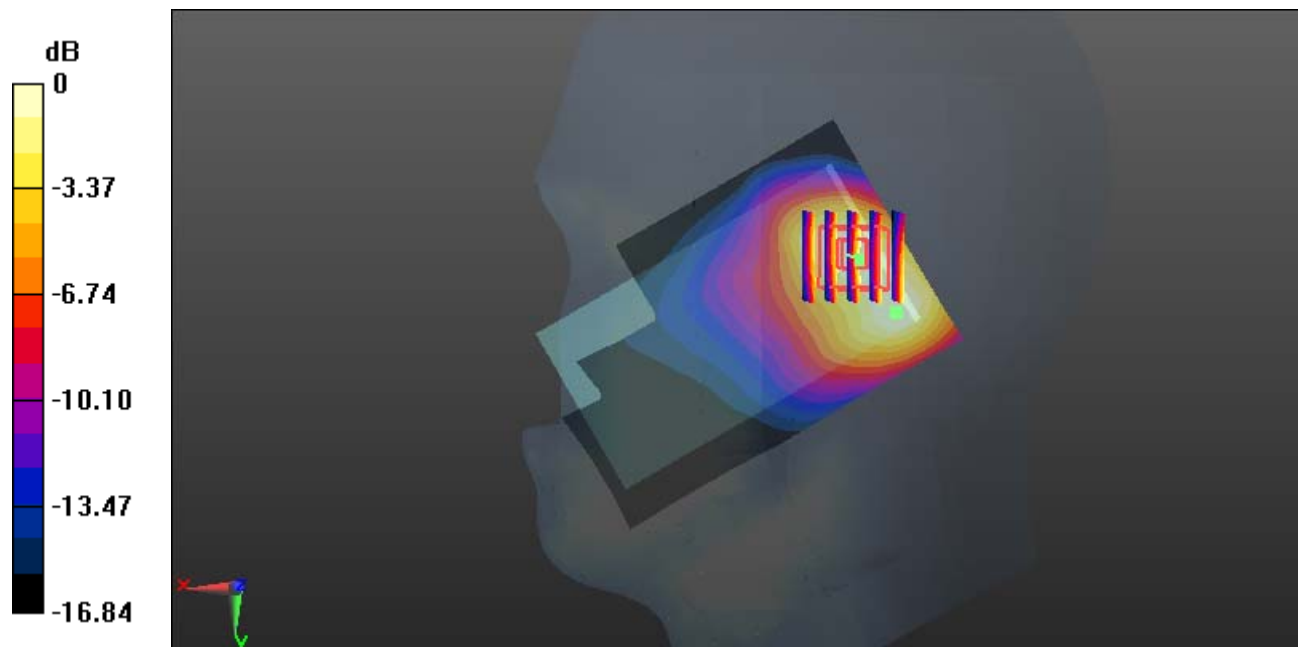
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.27 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.601 W/kg

SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.487 W/kg



0 dB = 0.487 W/kg = -3.12 dBW/kg

Test Plot 19#: PCS 1900_Body Worn Back_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.486$ S/m; $\epsilon_r = 54.274$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

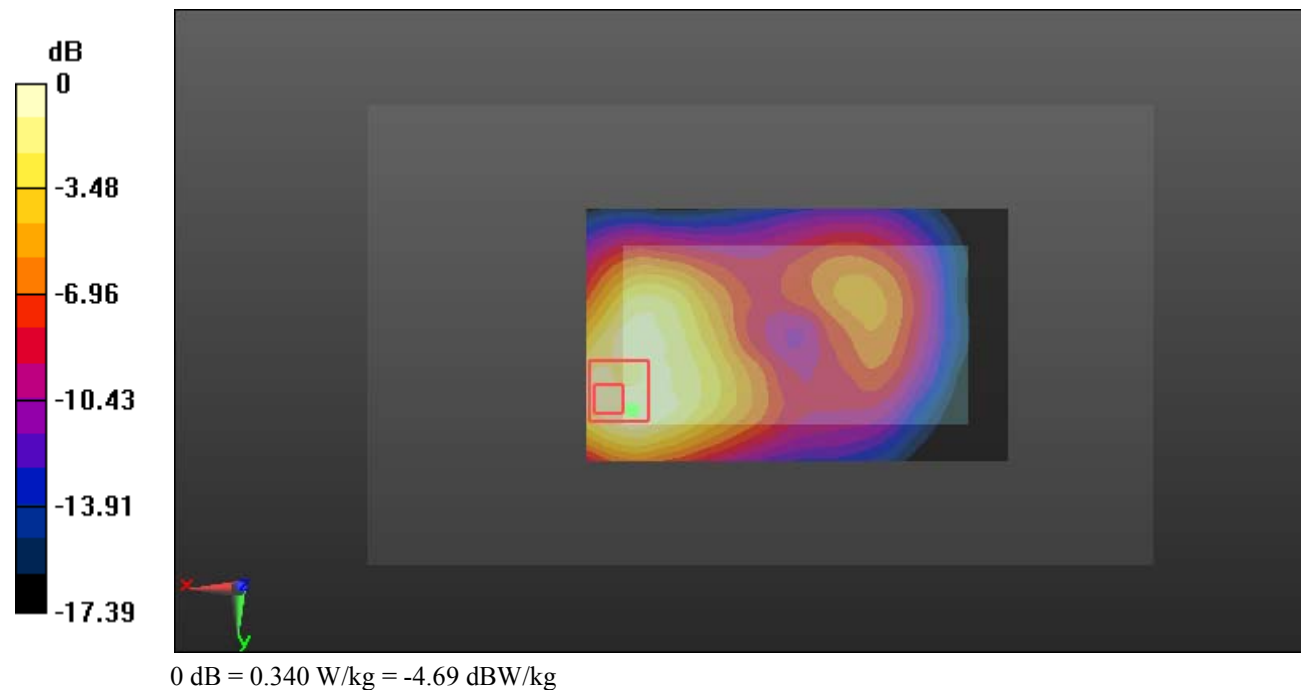
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.227 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.340 W/kg



Test Plot 20#: PCS 1900_Body Back_Low**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic GPRS-3 slots; Frequency: 1850.2 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.454$ S/m; $\epsilon_r = 54.771$; $\rho = 1000$ kg/m³;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

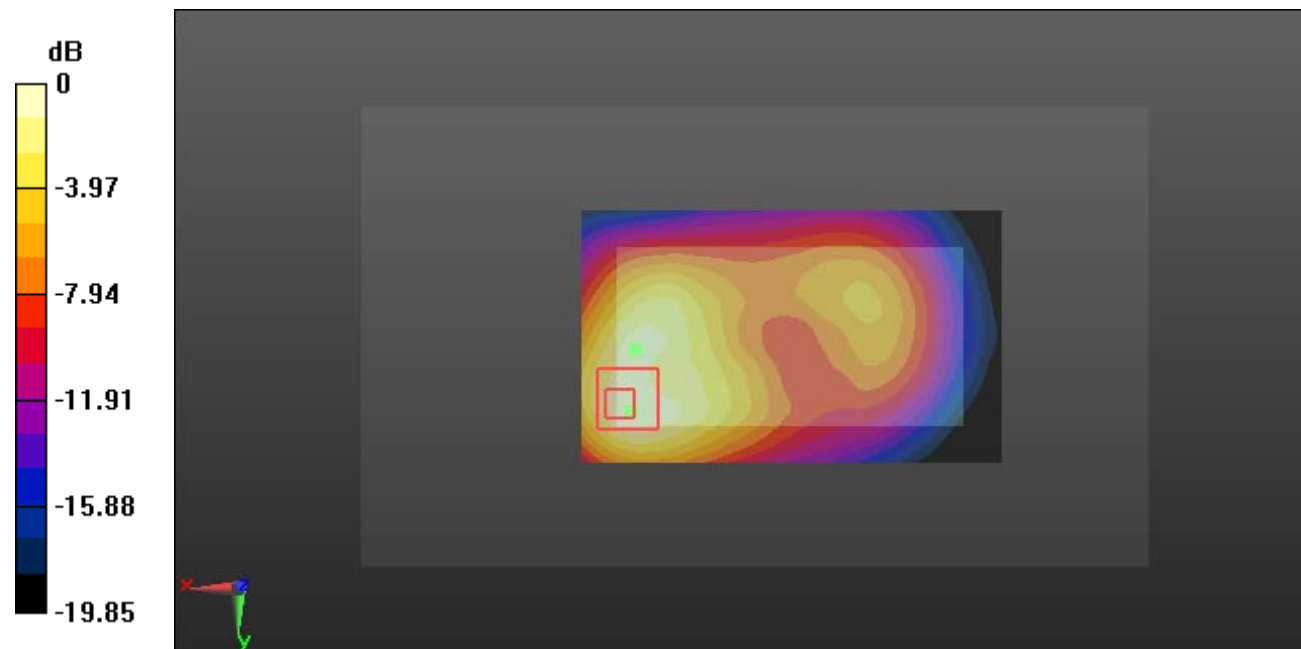
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.45 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.378 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

Test Plot 21#: PCS 1900_Body Back_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.486$ S/m; $\epsilon_r = 54.274$; $\rho = 1000$ kg/m³;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

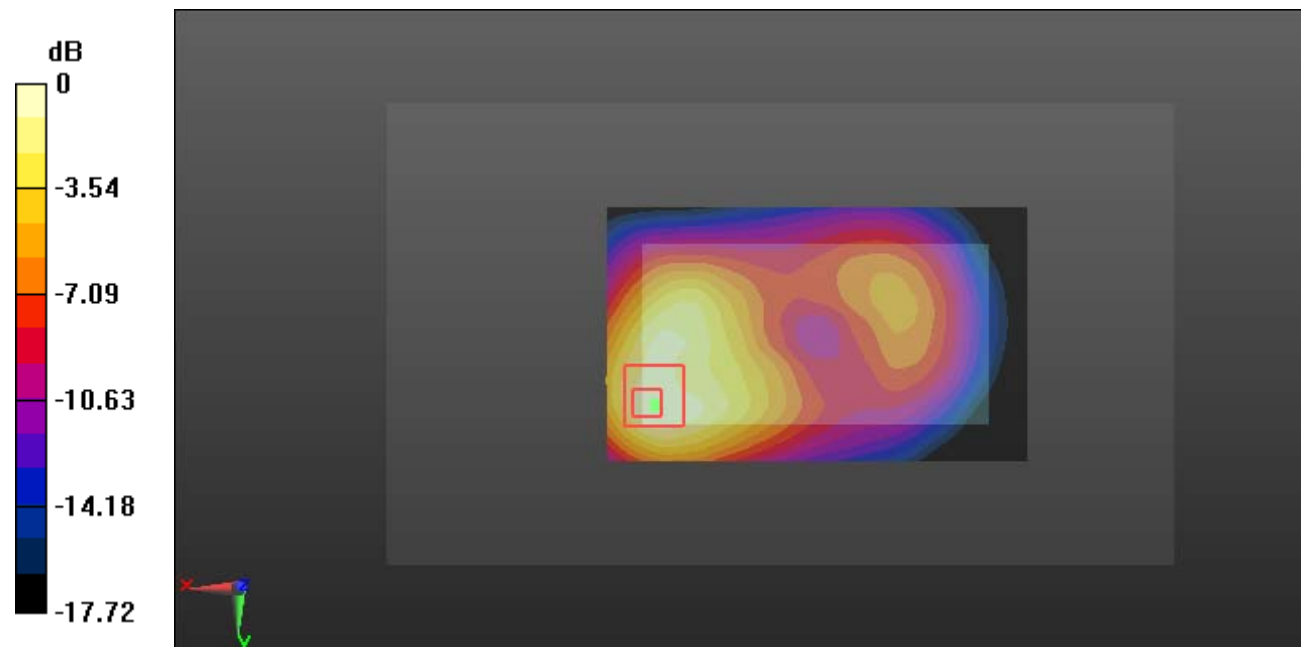
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.37 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.815 W/kg; SAR(10 g) = 0.441 W/kg

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

Test Plot 22#: PCS 1900_Body Back_High**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

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

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 54.272$; $\rho = 1000$ kg/m³;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.38 W/kg

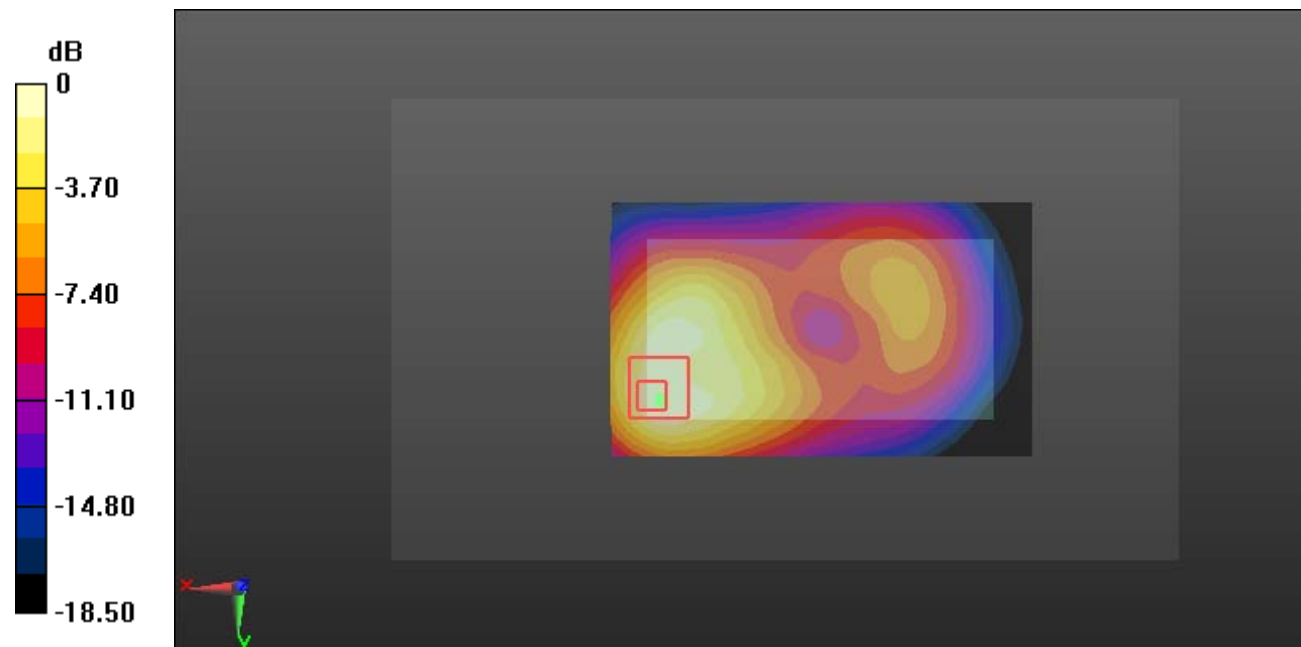
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.71 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.438 W/kg

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

Test Plot 23#: PCS 1900_Body Right_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.486$ S/m; $\epsilon_r = 54.274$; $\rho = 1000$ kg/m³;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.823 W/kg

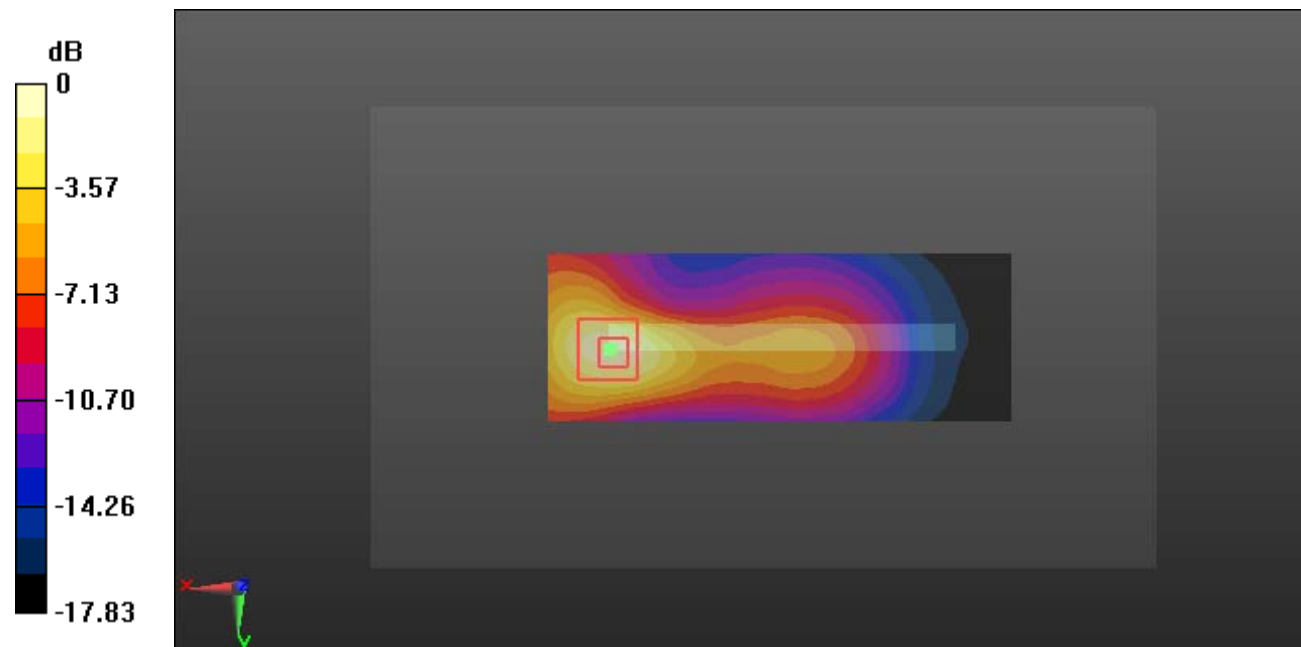
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.02 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.289 W/kg

Maximum value of SAR (measured) = 0.873 W/kg



0 dB = 0.873 W/kg = -0.59 dBW/kg

Test Plot 24#: PCS 1900_Body Top_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.486$ S/m; $\epsilon_r = 54.274$; $\rho = 1000$ kg/m³;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.474 W/kg

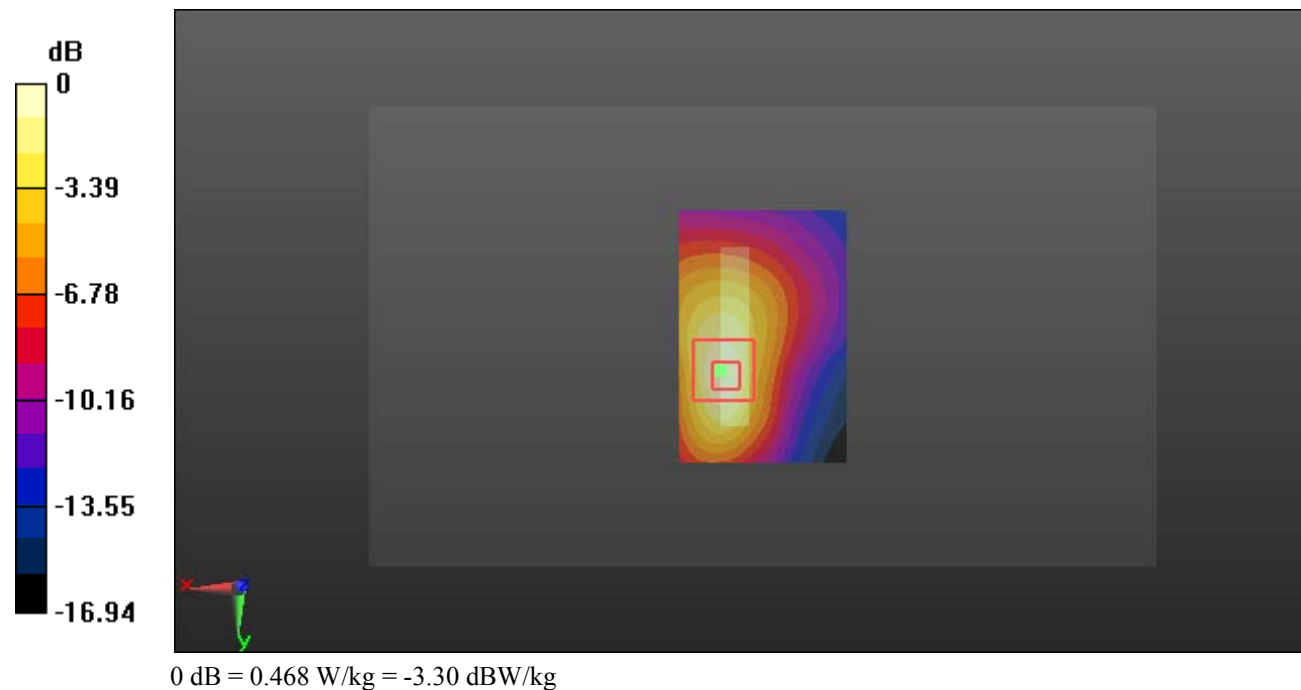
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.56 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.571 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 0.468 W/kg



Test Plot 25#: WCDMA Band 2_Head Left Cheek_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 39.306$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.1, 8.1, 8.1); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.829 W/kg

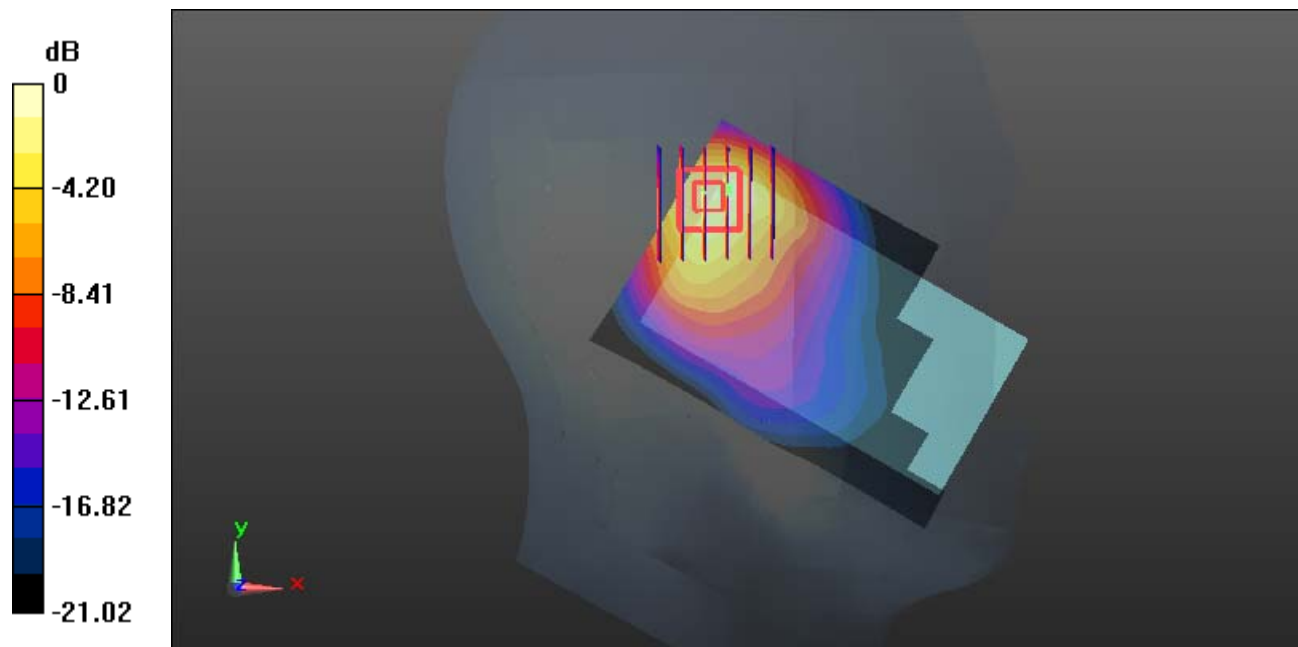
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.78 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.294 W/kg

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



0 dB = 1.01 W/kg = 0.04 dBW/kg

Test Plot 26#: WCDMA Band 2_Head Left Tilt_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 39.306$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.1, 8.1, 8.1); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.757 W/kg

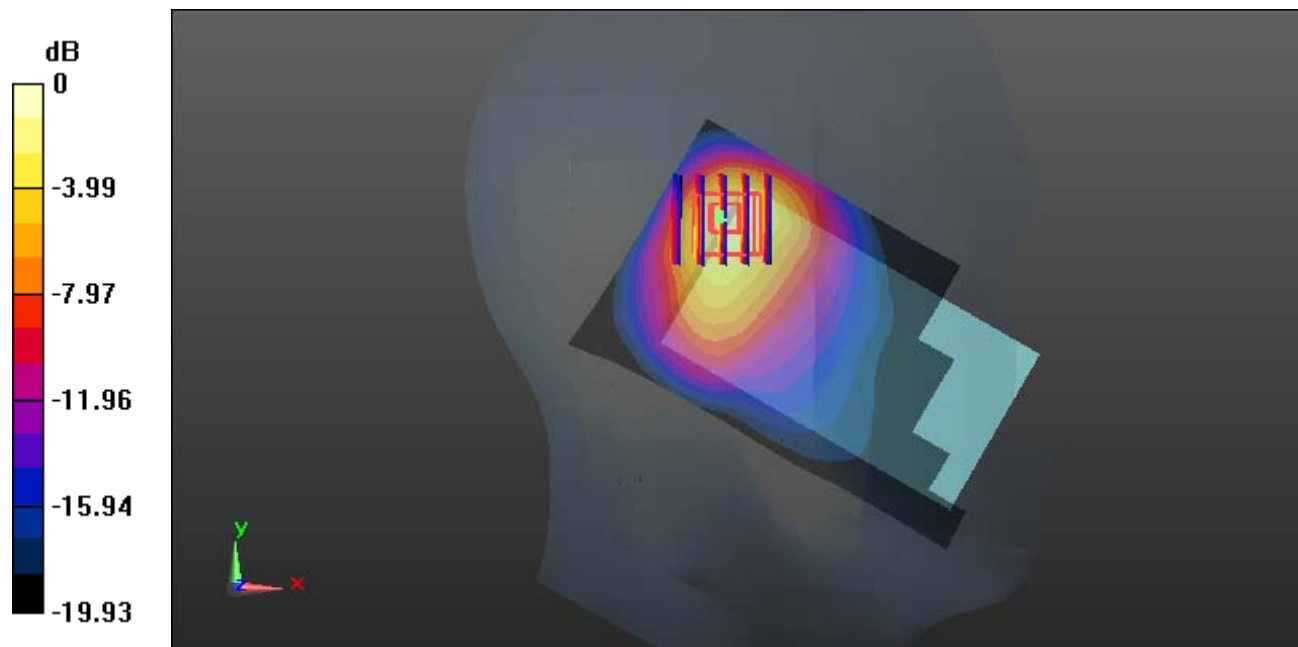
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.43 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.257 W/kg

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



0 dB = 0.906 W/kg = -0.43 dBW/kg

Test Plot 27#: WCDMA Band 2_Head Right Cheek_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 39.306$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.1, 8.1, 8.1); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.690 W/kg

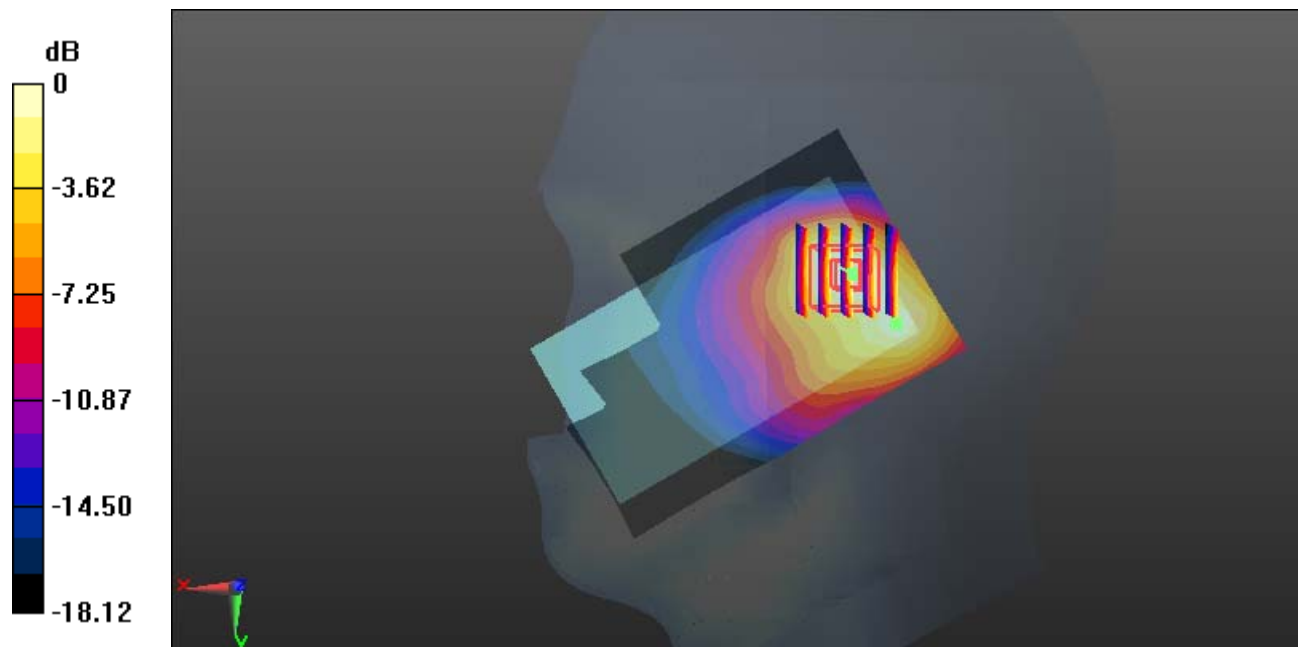
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.38 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.801 W/kg

SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 0.689 W/kg



0 dB = 0.689 W/kg = -1.62 dBW/kg

Test Plot 28#: WCDMA Band 2_Head Right Tilt_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 39.306$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.1, 8.1, 8.1); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.637 W/kg

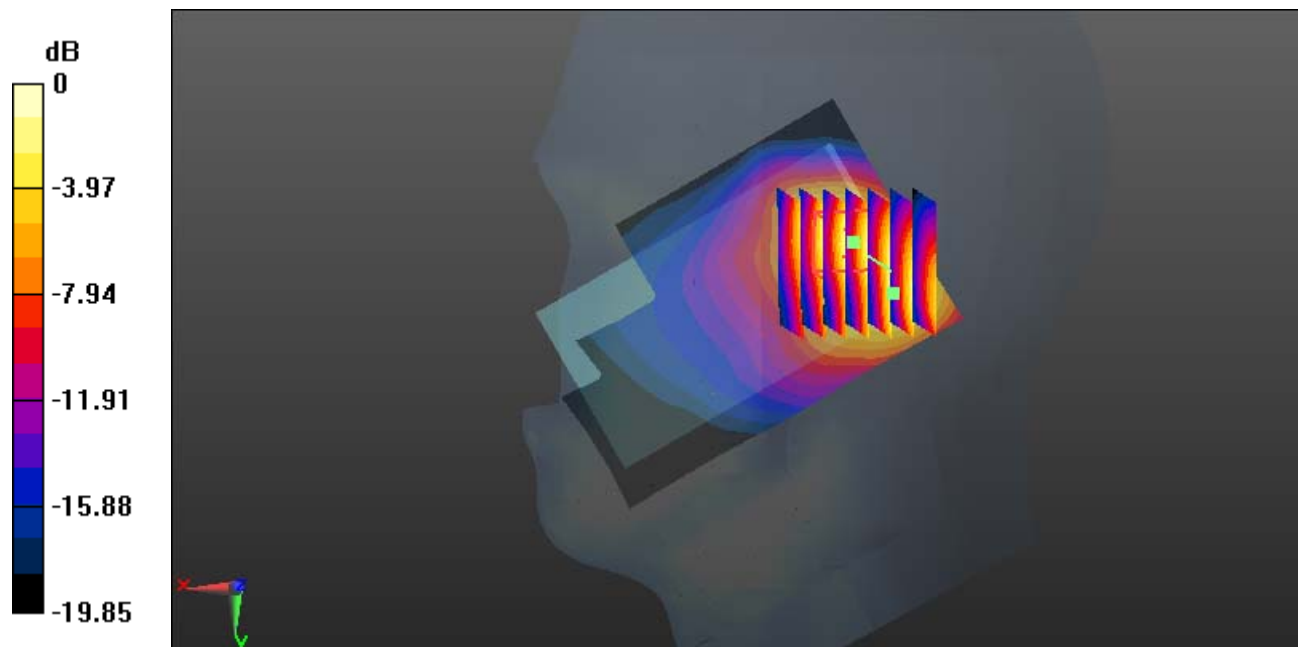
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.68 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.722 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 0.604 W/kg



0 dB = 0.604 W/kg = -2.19 dBW/kg

Test Plot 29#: WCDMA Band 2_Body Back_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.486$ S/m; $\epsilon_r = 54.274$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.339 W/kg

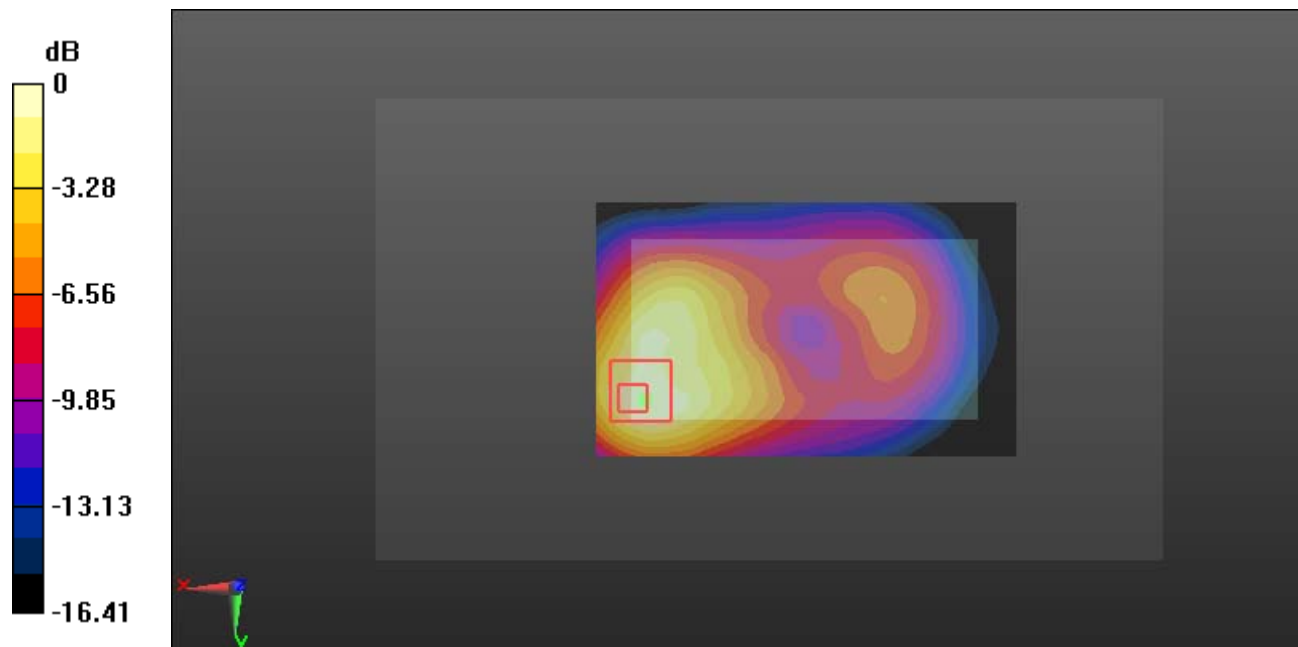
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.619 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.111 W/kg

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



0 dB = 0.304 W/kg = -5.17 dBW/kg

Test Plot 30#: WCDMA Band 2_Body Right_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.486$ S/m; $\epsilon_r = 54.274$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.150 W/kg

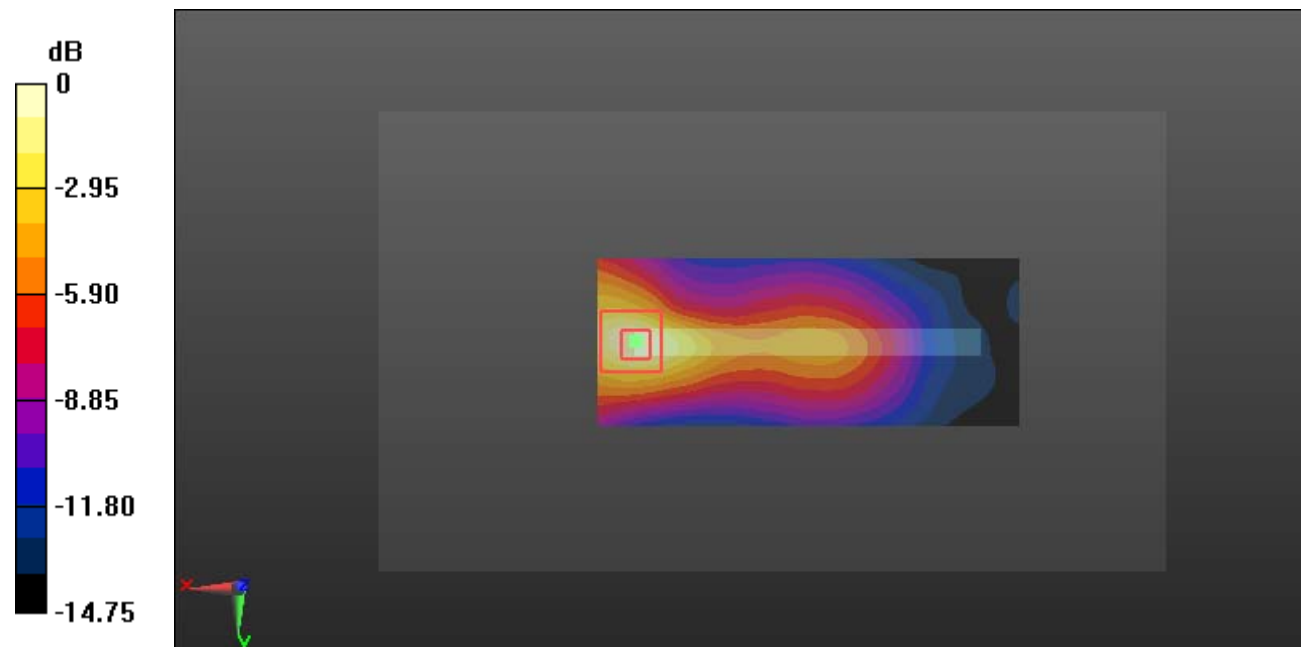
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.845 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.145 W/kg



Test Plot 31#: WCDMA Band 2_Body Top_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.486$ S/m; $\epsilon_r = 54.274$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.187 W/kg

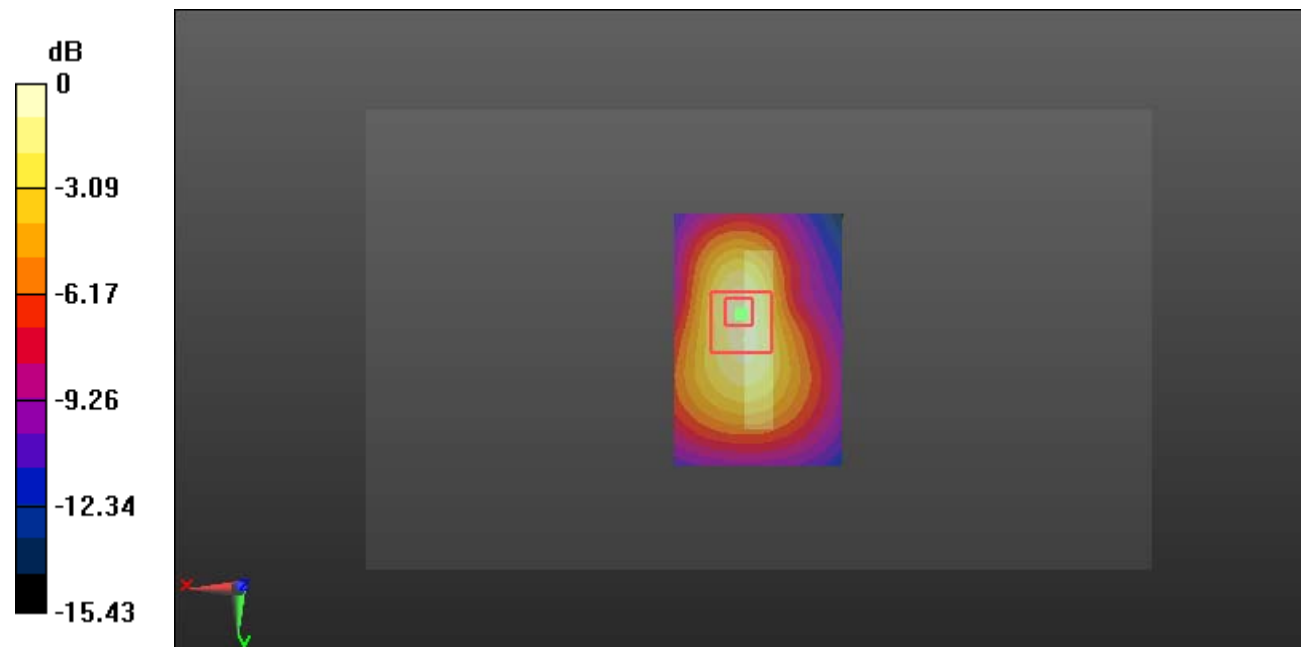
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.57 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.069 W/kg

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



Test Plot 32#: WCDMA Band 5_Head Left Cheek_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.858$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.01, 10.01, 10.01); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

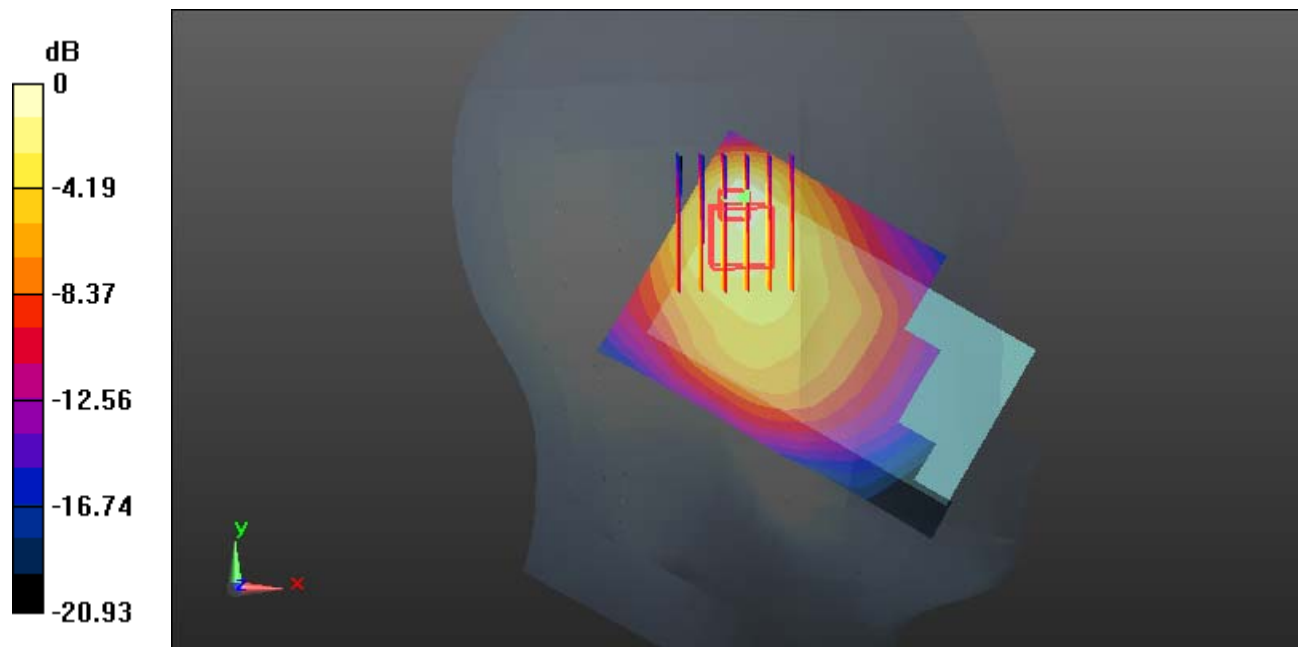
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.51 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.440 W/kg

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

Test Plot 33#: WCDMA Band 5_Head Left Tilt_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.858$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.01, 10.01, 10.01); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.645 W/kg

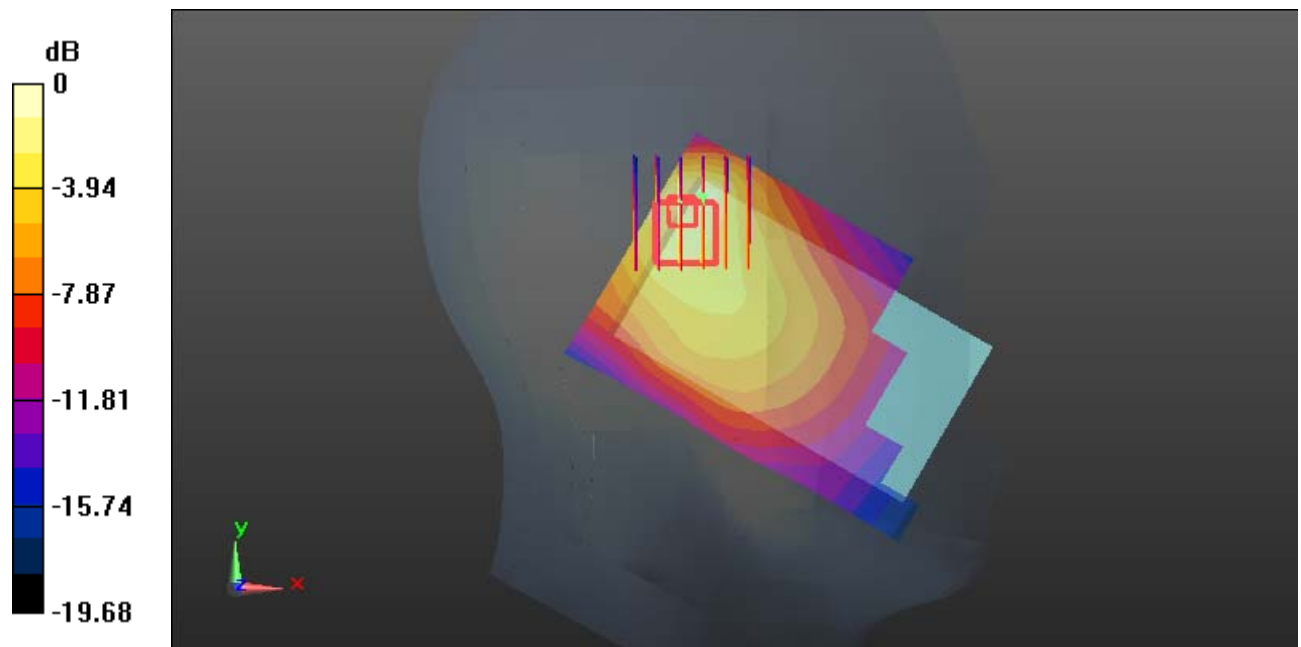
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.54 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.761 W/kg



0 dB = 0.761 W/kg = -1.19 dBW/kg

Test Plot 34#: WCDMA Band 5_Head Right Cheek_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.858$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.01, 10.01, 10.01); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.713 W/kg

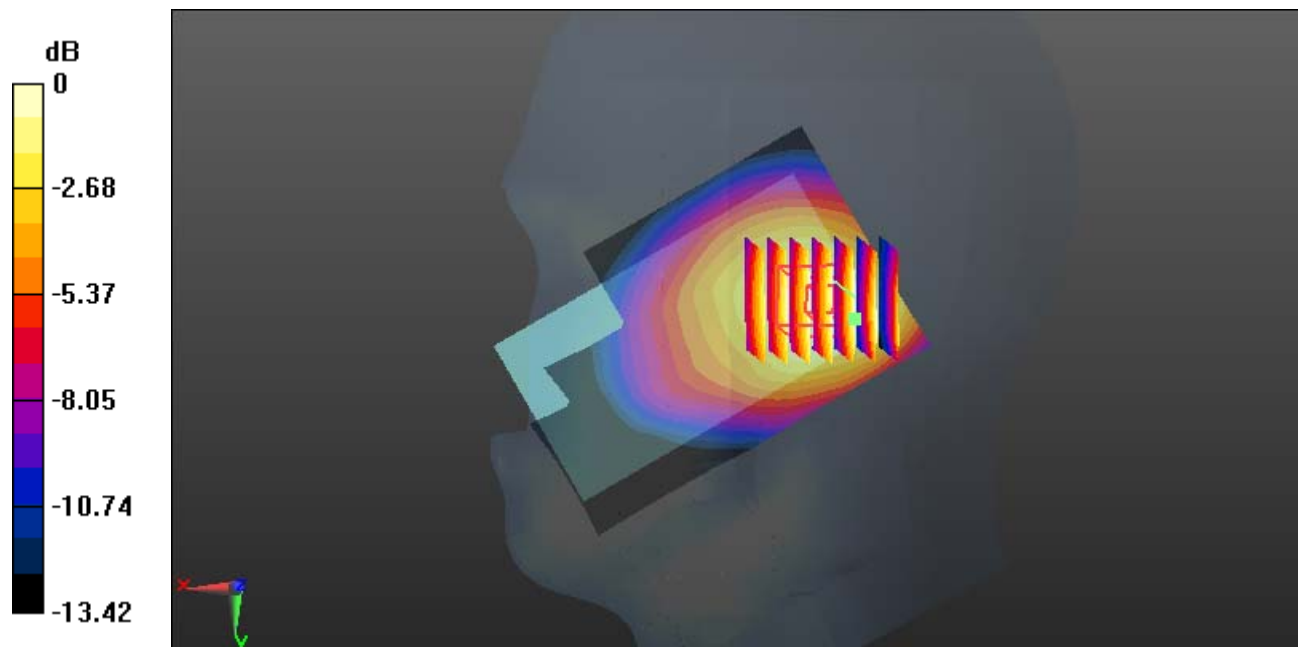
Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.98 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.358 W/kg

Maximum value of SAR (measured) = 0.651 W/kg



0 dB = 0.651 W/kg = -1.86 dBW/kg

Test Plot 35#: WCDMA Band 5_Head Right Tilt_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.858$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.01, 10.01, 10.01); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (91x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.490 W/kg

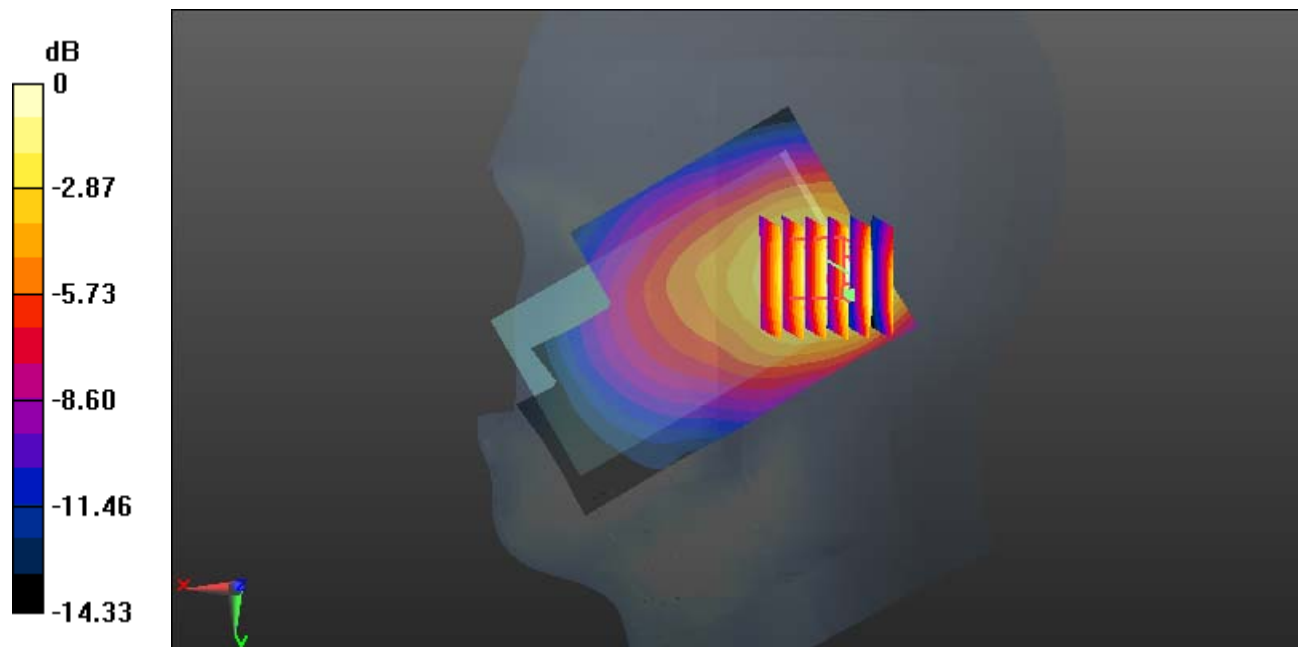
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.74 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.629 W/kg

SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.231 W/kg

Maximum value of SAR (measured) = 0.522 W/kg



0 dB = 0.522 W/kg = -2.82 dBW/kg

Test Plot 36#: WCDMA Band 5_Body Back_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 55.802$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.23, 10.23, 10.23); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.159 W/kg

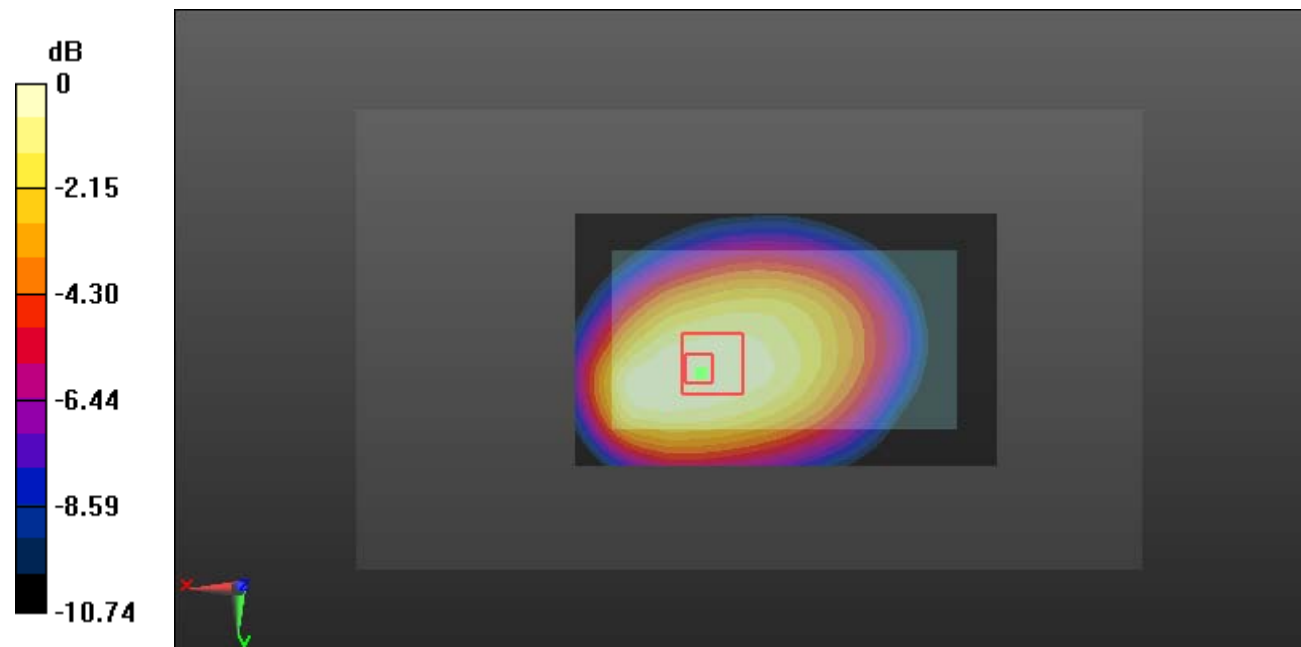
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.10 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.162 W/kg



0 dB = 0.162 W/kg = -7.90 dBW/kg

Test Plot 37#: WCDMA Band 5_Body Right_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 55.802$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.23, 10.23, 10.23); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.149 W/kg

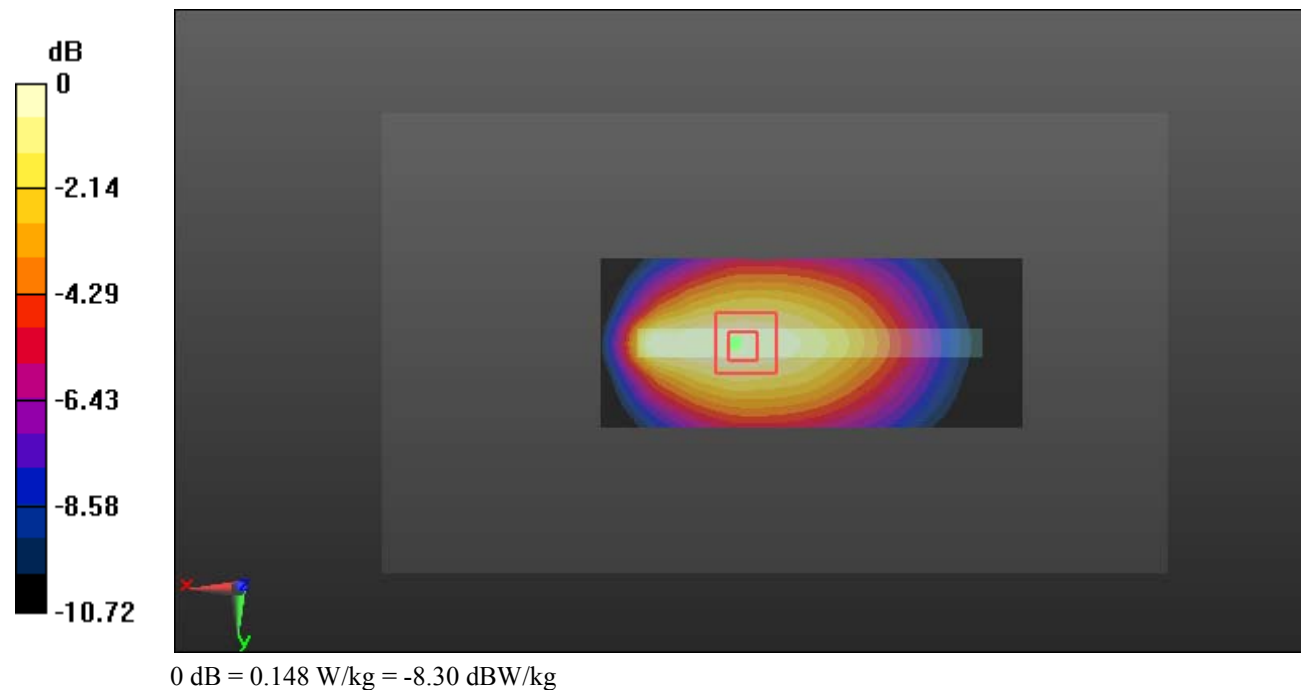
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.64 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.148 W/kg



Test Plot 38#: WCDMA Band 5_Body Top_Middle**DUT: Mobile Phone; Type: Opal 4S; Serial: 19030700220**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 55.802$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(10.23, 10.23, 10.23); Calibrated: 2018/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2018/9/28
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0568 W/kg

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

Reference Value = 6.917 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0640 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0524 W/kg

