

Test Plot 1#: GSM 850_Head Left Cheek_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8
Medium parameters used: 836.6 MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.033$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.84, 9.84, 9.84); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.106 W/kg

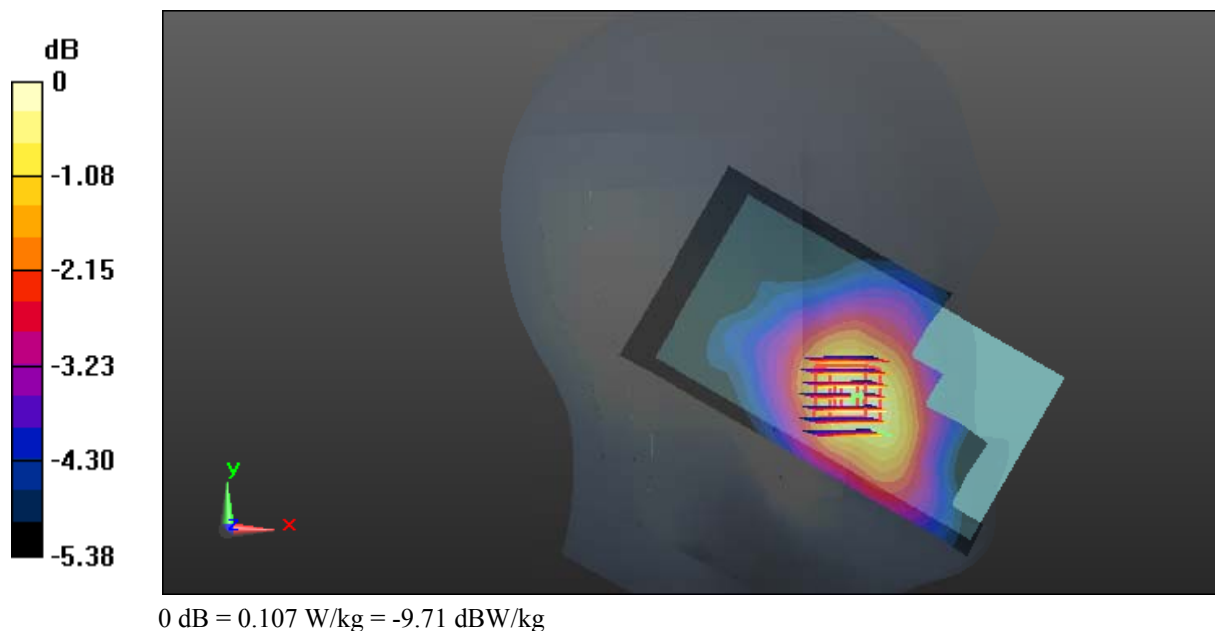
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.013 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.082 W/kg

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



Test Plot 2#: GSM 850_Head Left Tilt_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8
Medium parameters used: 836.6 MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.033$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.84, 9.84, 9.84); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0408 W/kg

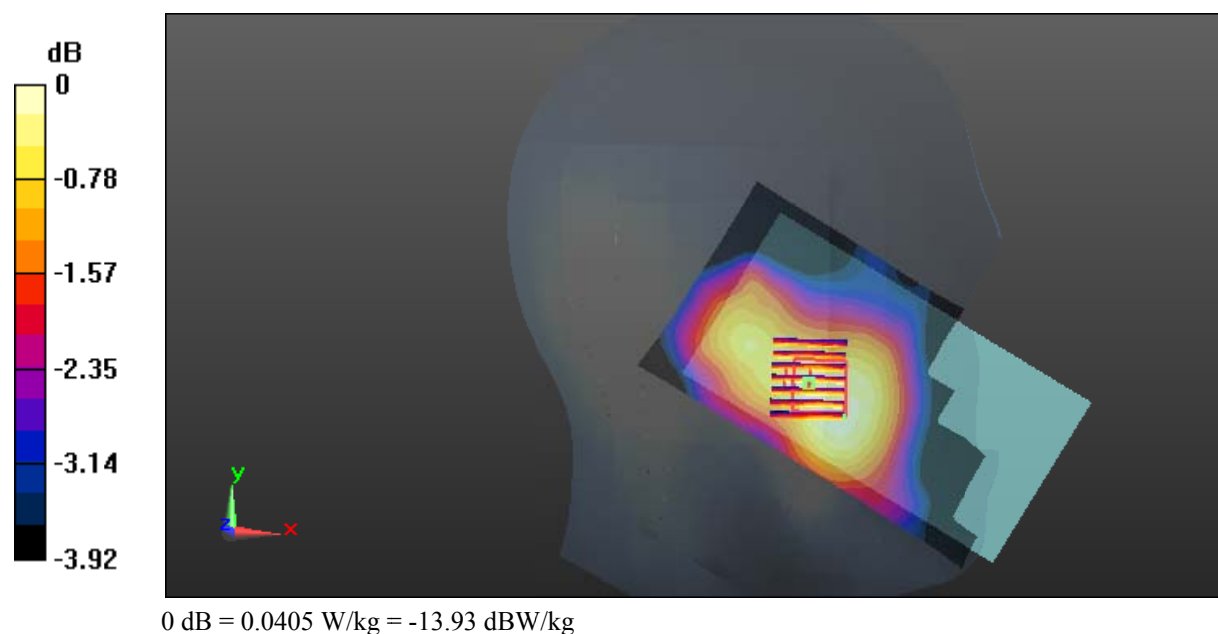
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.570 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.0510 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0405 W/kg



Test Plot 3#: GSM 850_Head Right Cheek_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8
Medium parameters used: 836.6 MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.033$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.84, 9.84, 9.84); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0692 W/kg

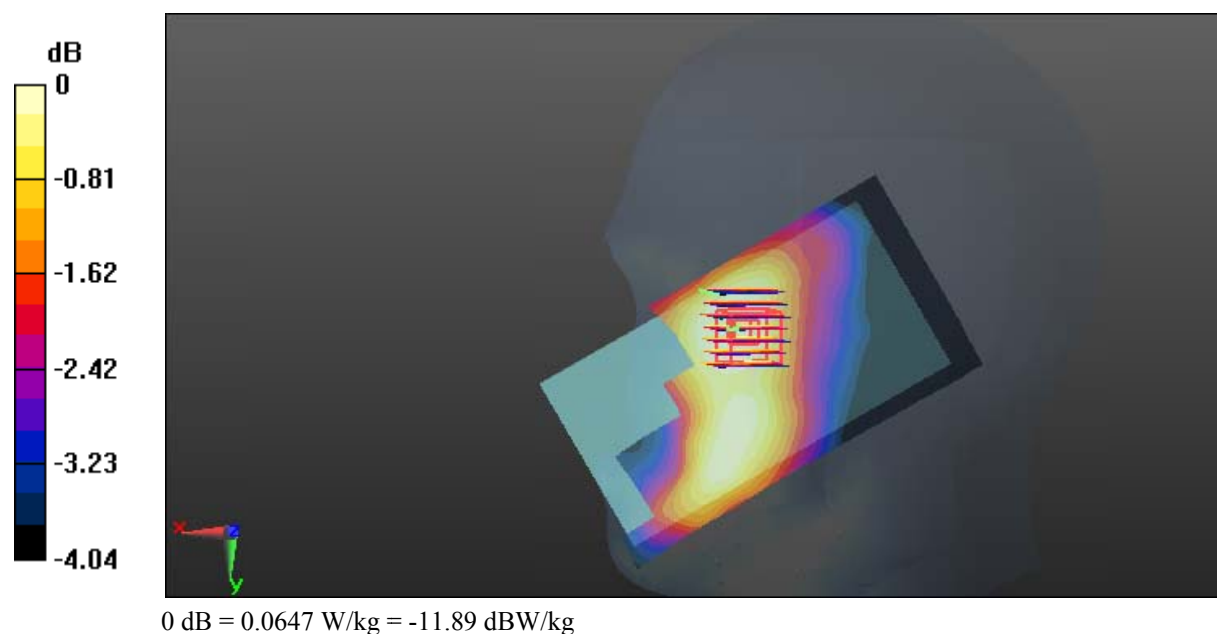
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.402 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0720 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.0647 W/kg



Test Plot 4#: GSM 850_Head Right Tilt_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8
Medium parameters used: 836.6 MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.033$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.84, 9.84, 9.84); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0387 W/kg

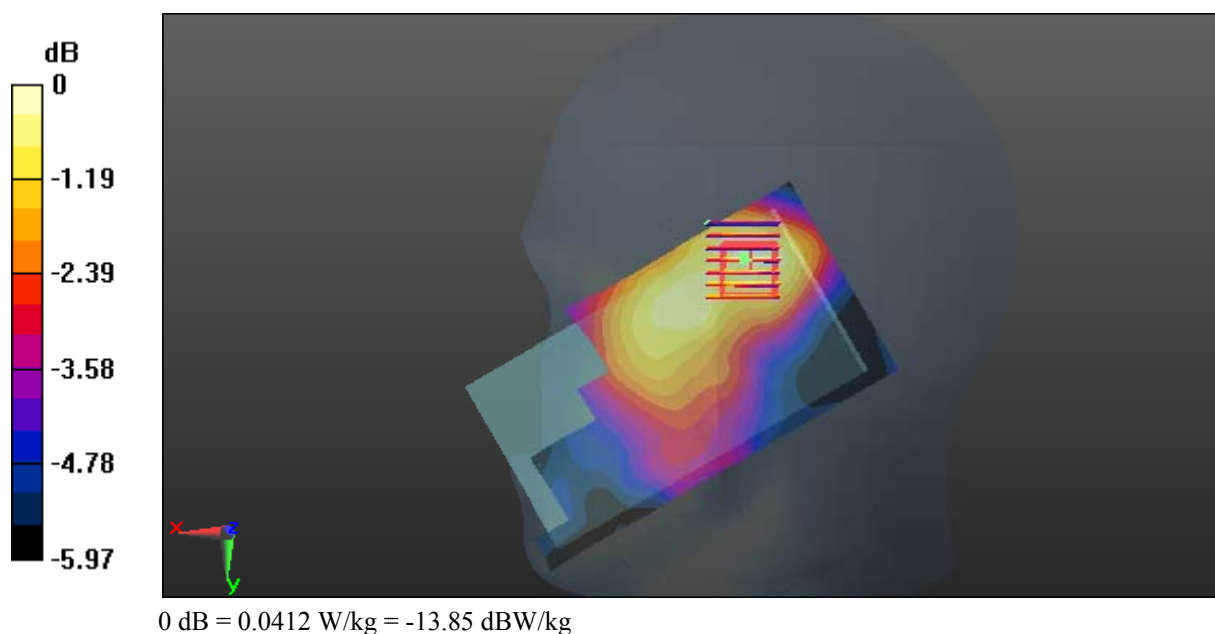
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.410 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0590 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0412 W/kg



Test Plot 5#: GSM 850_Body Worn Back_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8
Medium parameters used: 836.6 MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 54.024$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.385 W/kg

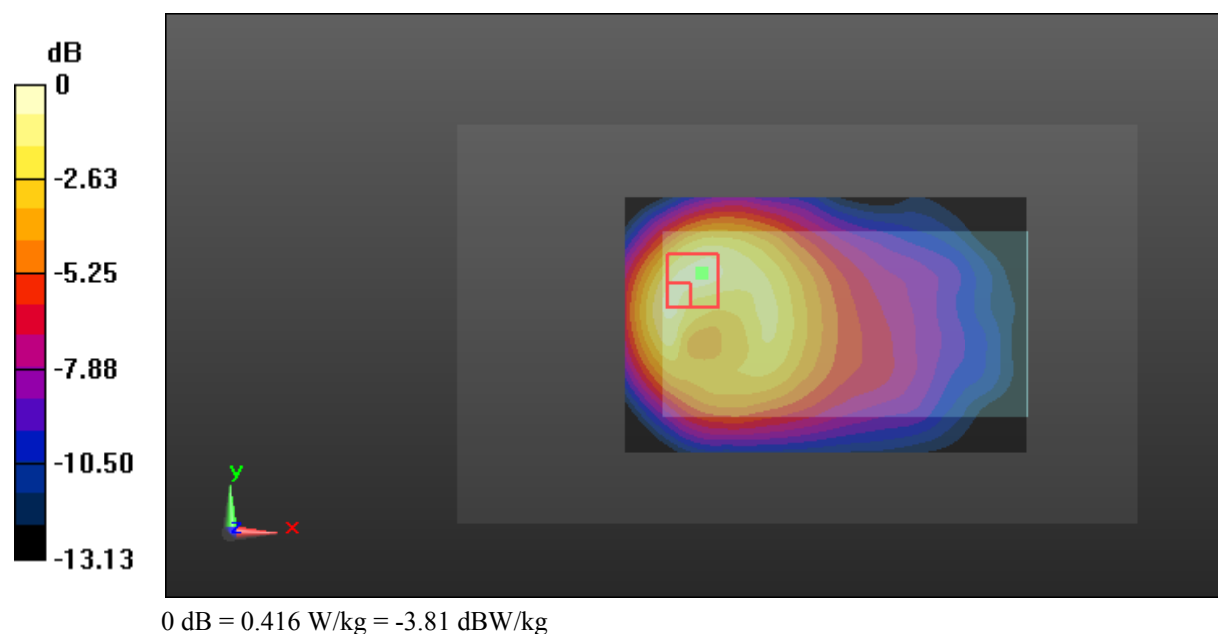
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.00 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.654 W/kg

SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.416 W/kg



Test Plot 6#: GSM 850_Body Back_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GPRS-4 slot; Frequency: 836.6 MHz; Duty Cycle: 1:2
Medium parameters used: 836.6 MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 54.024$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.293 W/kg

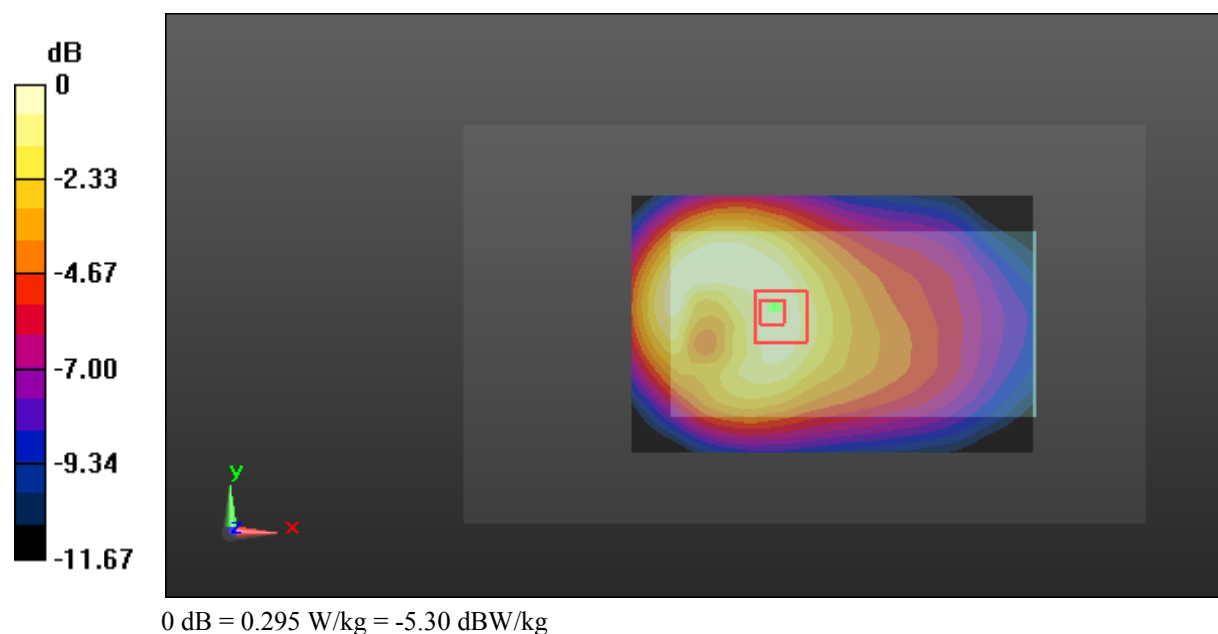
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.60 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.399 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.191 W/kg

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



Test Plot 7#: GSM 850_Body Right_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GPRS-4 slot; Frequency: 836.6 MHz; Duty Cycle: 1:2
Medium parameters used: 836.6 MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 54.024$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0659 W/kg

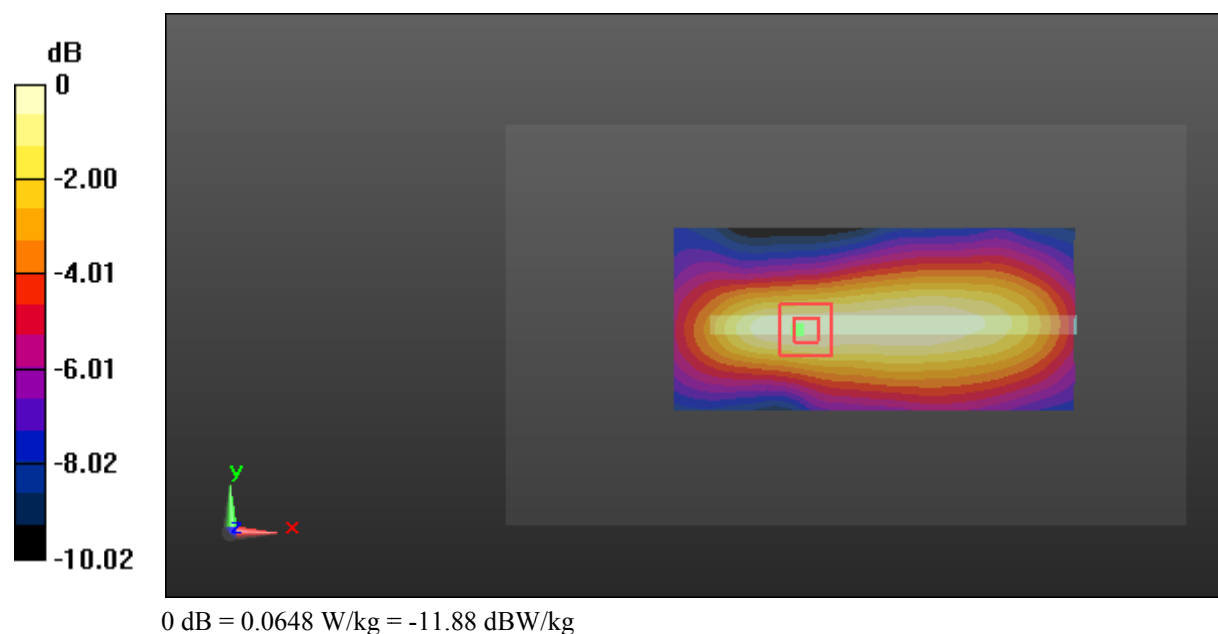
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.050 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.0648 W/kg



Test Plot 8#: GSM 850_Body Bottom_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GPRS-4 slot; Frequency: 836.6 MHz; Duty Cycle: 1:2
Medium parameters used: 836.6 MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 54.024$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.286 W/kg

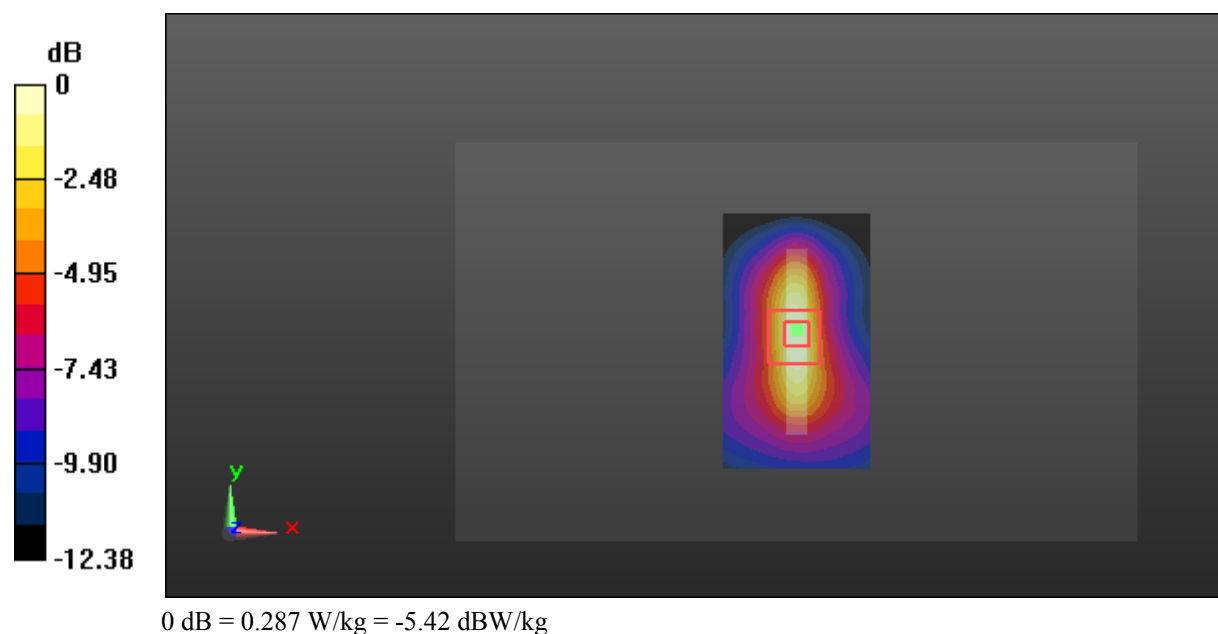
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.19 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.287 W/kg



Test Plot 9#: GSM 1900_Head Left Cheek_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

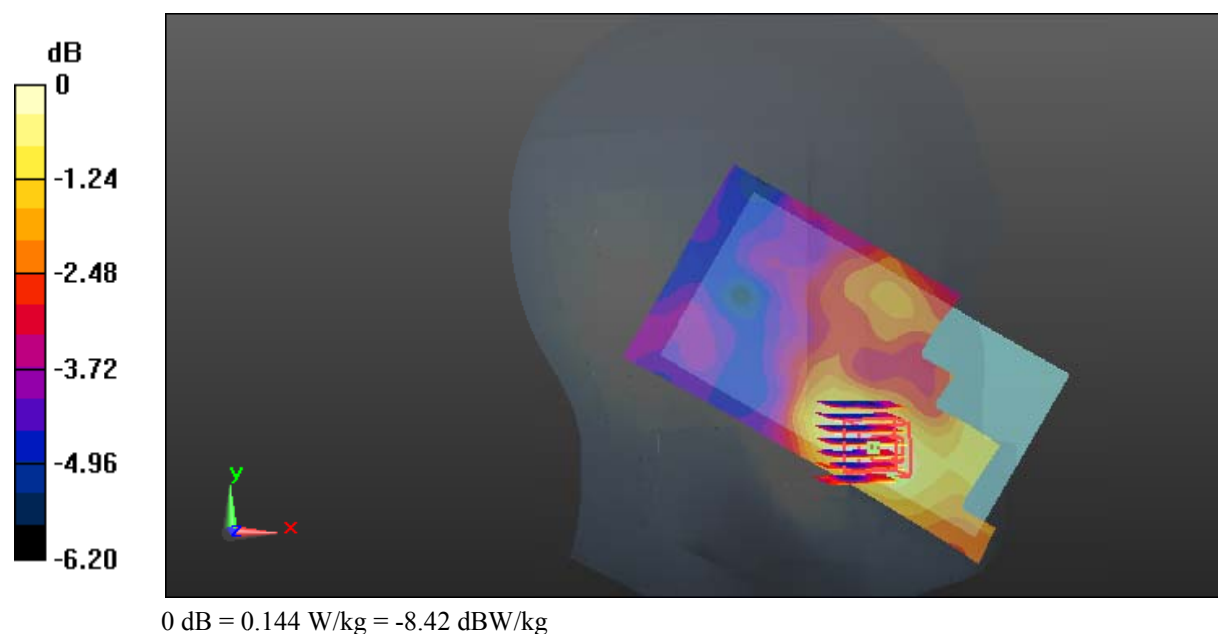
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.369 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.231 W/kg

SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.144 W/kg



Test Plot 10#: GSM 1900_Head Left Tilt_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0911 W/kg

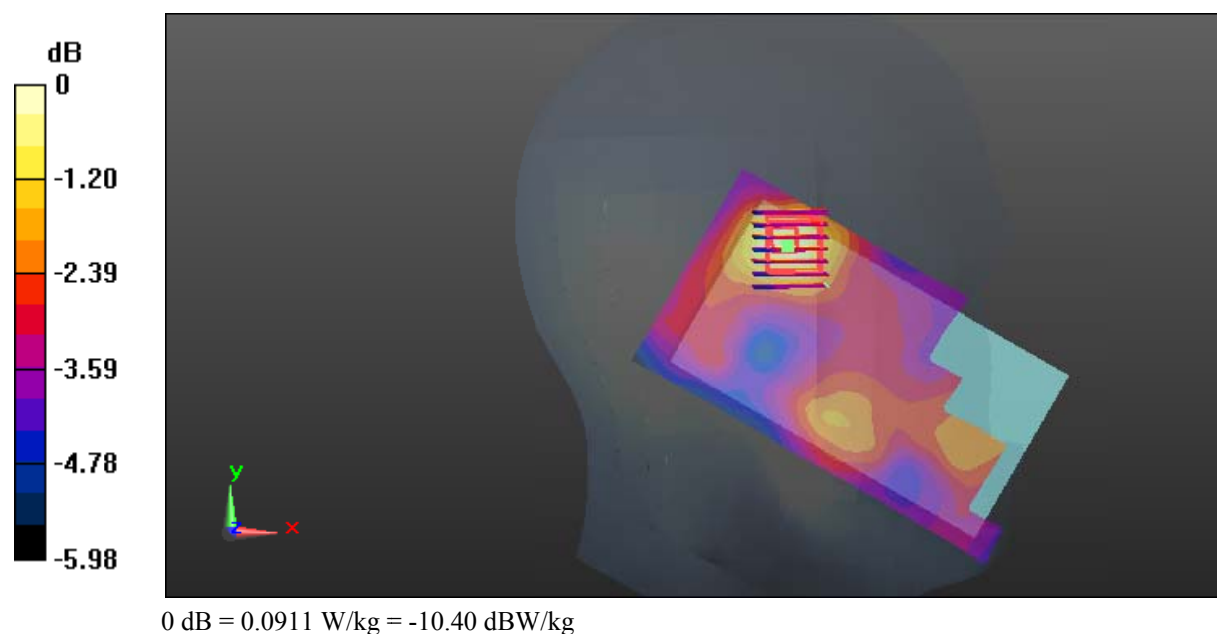
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.542 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.0911 W/kg



Test Plot 11#: GSM 1900_Head Right Cheek_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

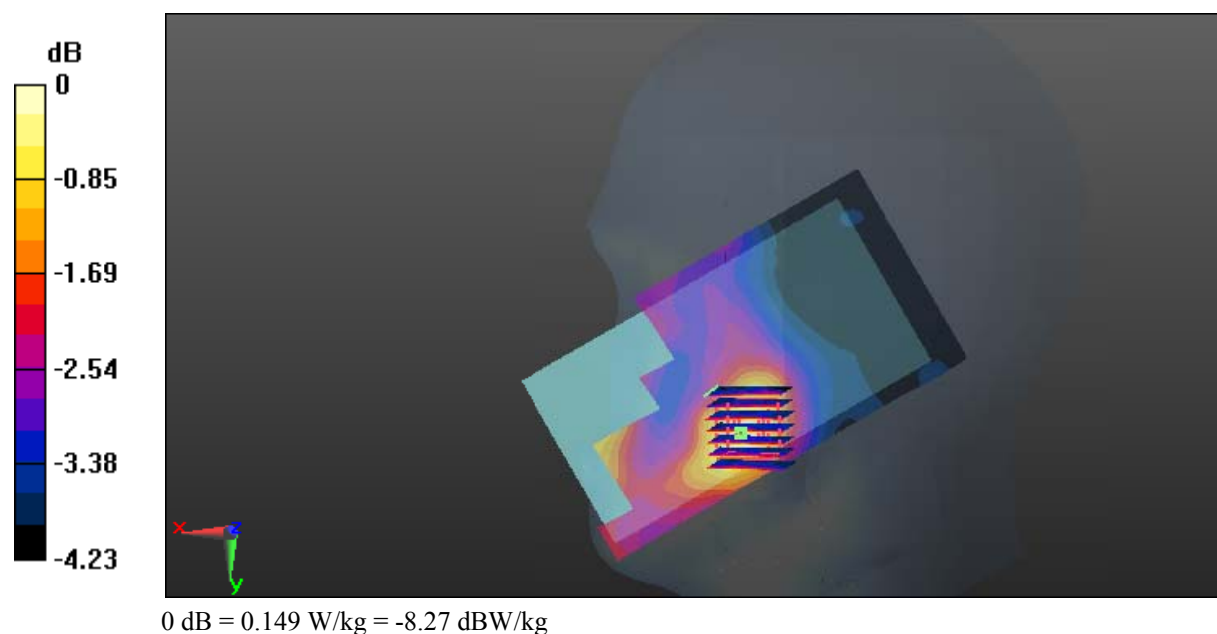
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.445 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.103 W/kg

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



Test Plot 12#: GSM 1900_Head Right Tilt_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0536 W/kg

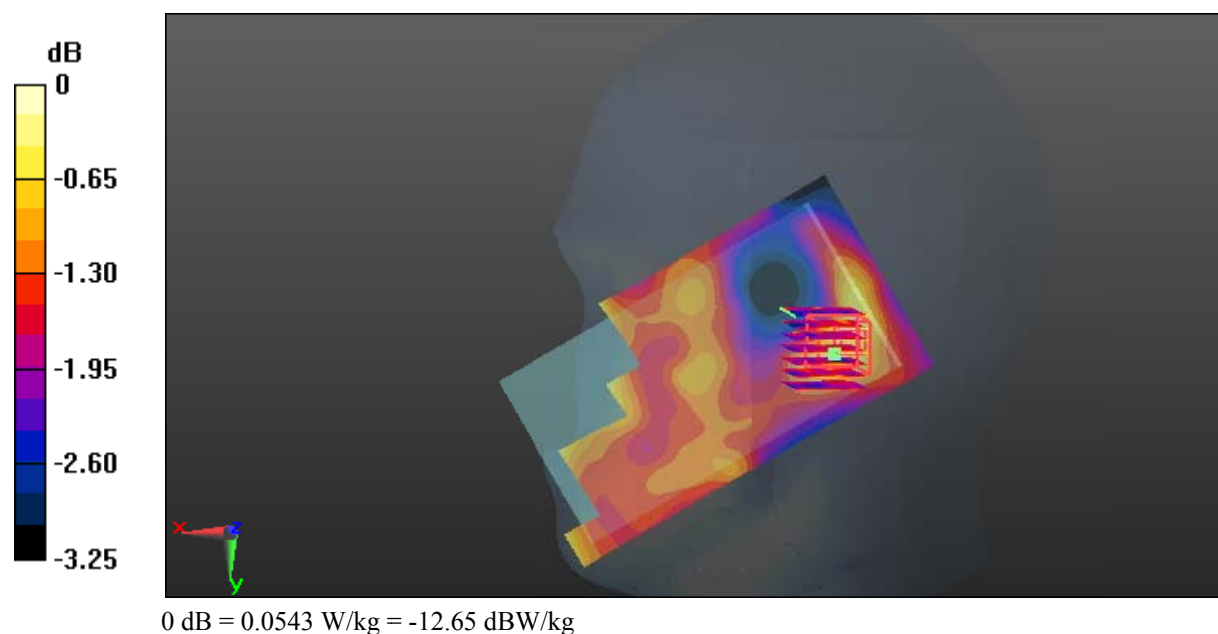
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.470 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0730 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0543 W/kg



Test Plot 13#: GSM 1900_Body Worn Back_Low Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GPRS-4 slot; Frequency: 1850.2 MHz; Duty Cycle: 1:2
Medium parameters used: 1850.2 MHz; $\sigma = 1.474$ S/m; $\epsilon_r = 52.912$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

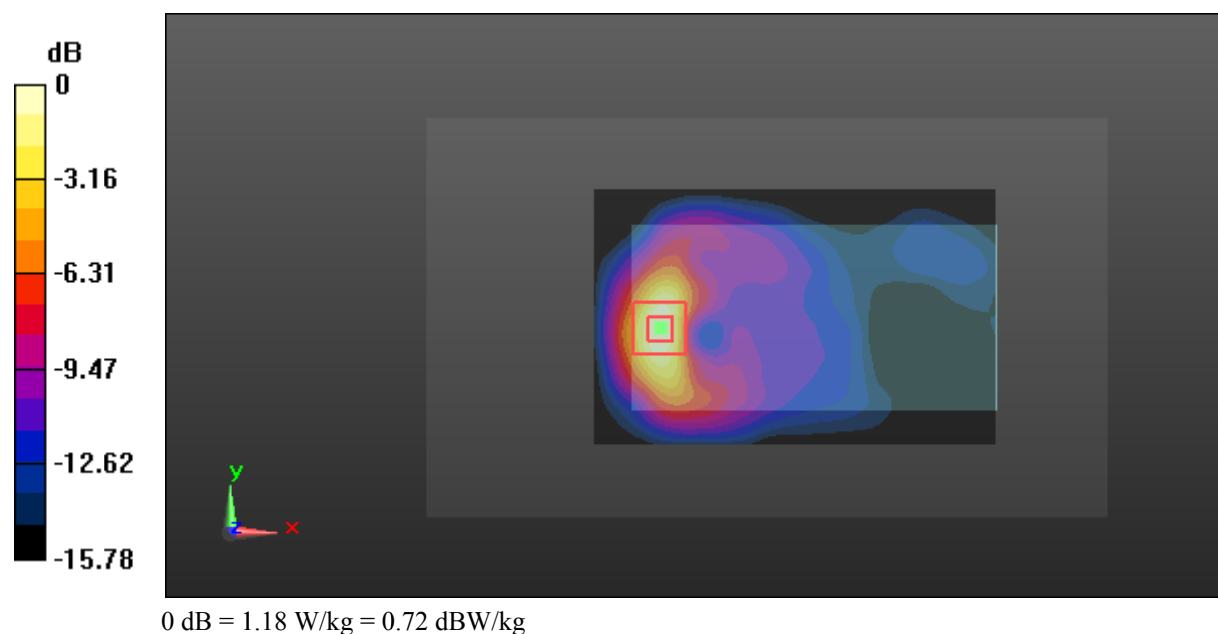
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.047 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.526 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



Test Plot 14#: GSM 1900_Body Worn Back_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8
Medium parameters used: 1880 MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 52.764$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.24 W/kg

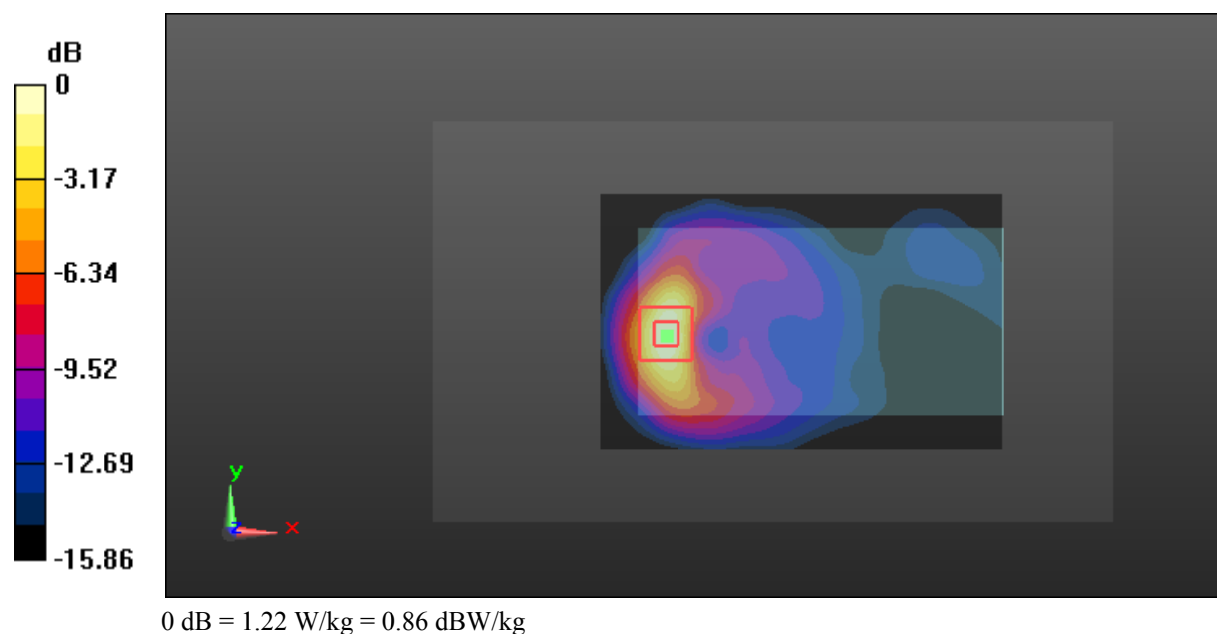
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.628 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.530 W/kg

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



Test Plot 15#: GSM 1900_Body Worn Back_High Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GPRS-4 slot; Frequency: 1909.8 MHz; Duty Cycle: 1:2
Medium parameters used: 1909.8 MHz; $\sigma = 1.536$ S/m; $\epsilon_r = 52.673$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

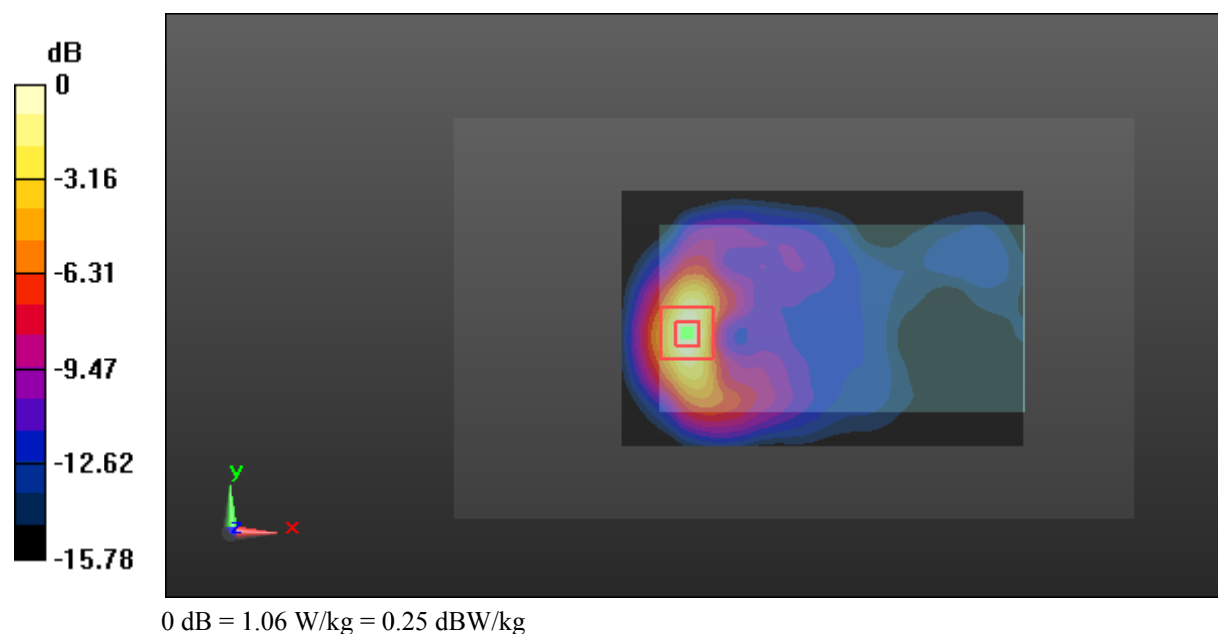
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.916 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.461 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



Test Plot 16#: GSM 1900_Body Back_Low Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GPRS-4 slot; Frequency: 1850.2 MHz; Duty Cycle: 1:2
Medium parameters used: 1850.2 MHz; $\sigma = 1.474$ S/m; $\epsilon_r = 52.912$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.847 W/kg

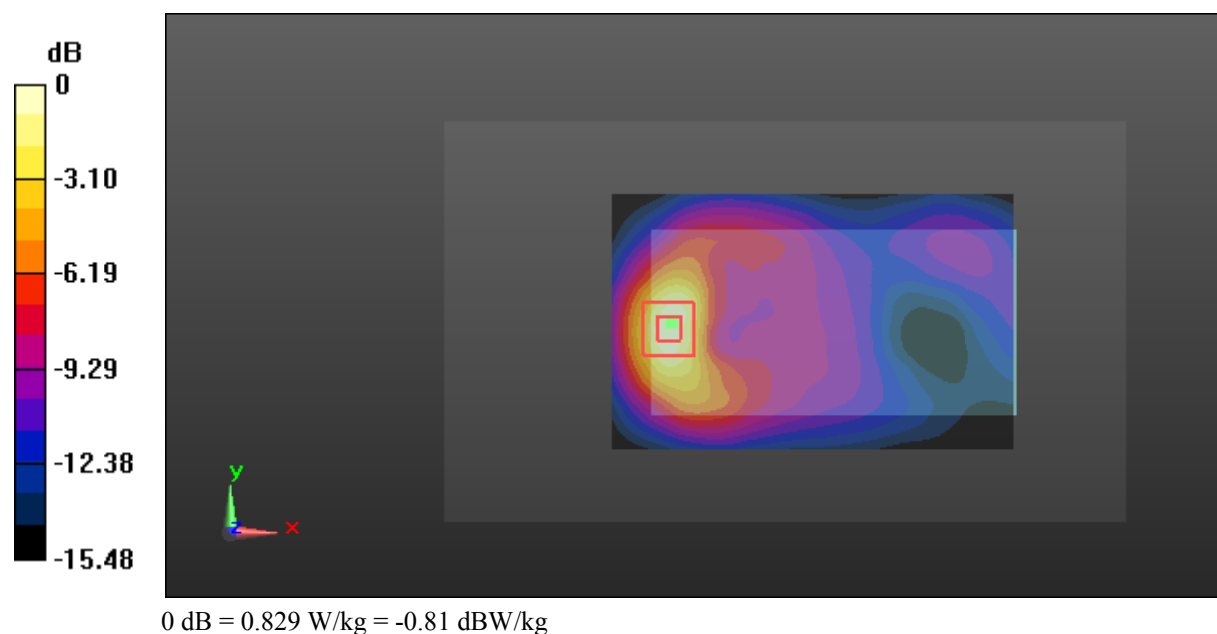
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.158 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.398 W/kg

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



Test Plot 17#: GSM 1900_Body Right_Low Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GPRS-4 slot; Frequency: 1850.2 MHz; Duty Cycle: 1:2
Medium parameters used: 1850.2 MHz; $\sigma = 1.474$ S/m; $\epsilon_r = 52.912$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.163 W/kg

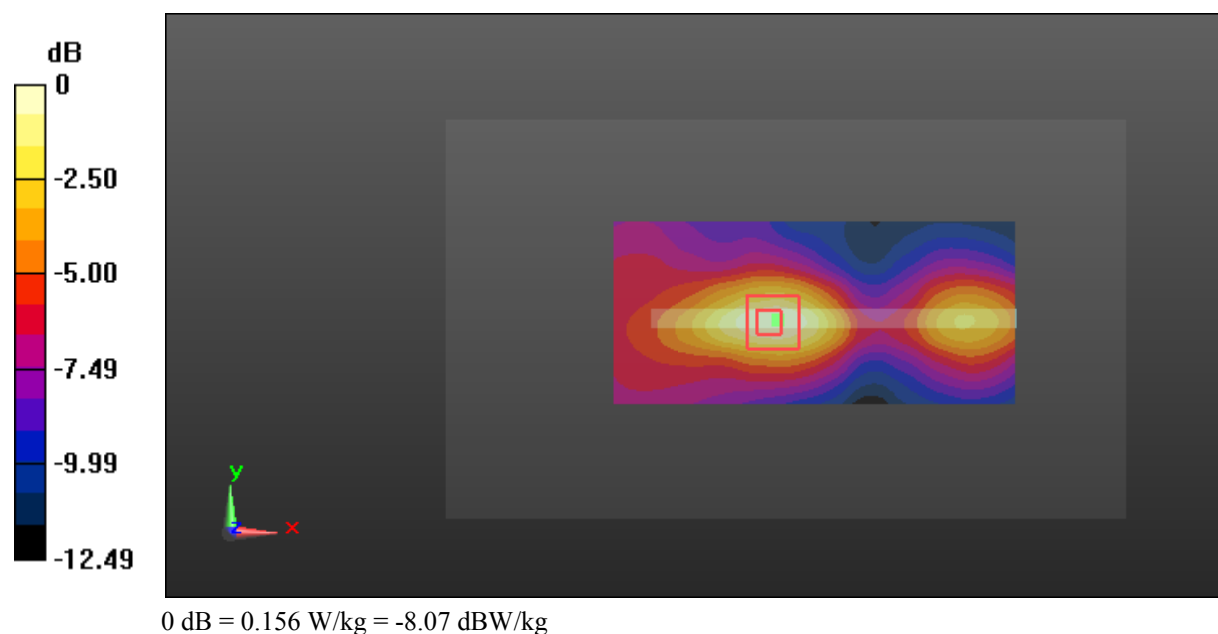
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.920 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.082 W/kg

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



Test Plot 18#: GSM 1900_Body Bottom_Low Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic GPRS-4 slot; Frequency: 1850.2 MHz; Duty Cycle: 1:2
Medium parameters used: 1850.2 MHz; $\sigma = 1.474$ S/m; $\epsilon_r = 52.912$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.927 W/kg

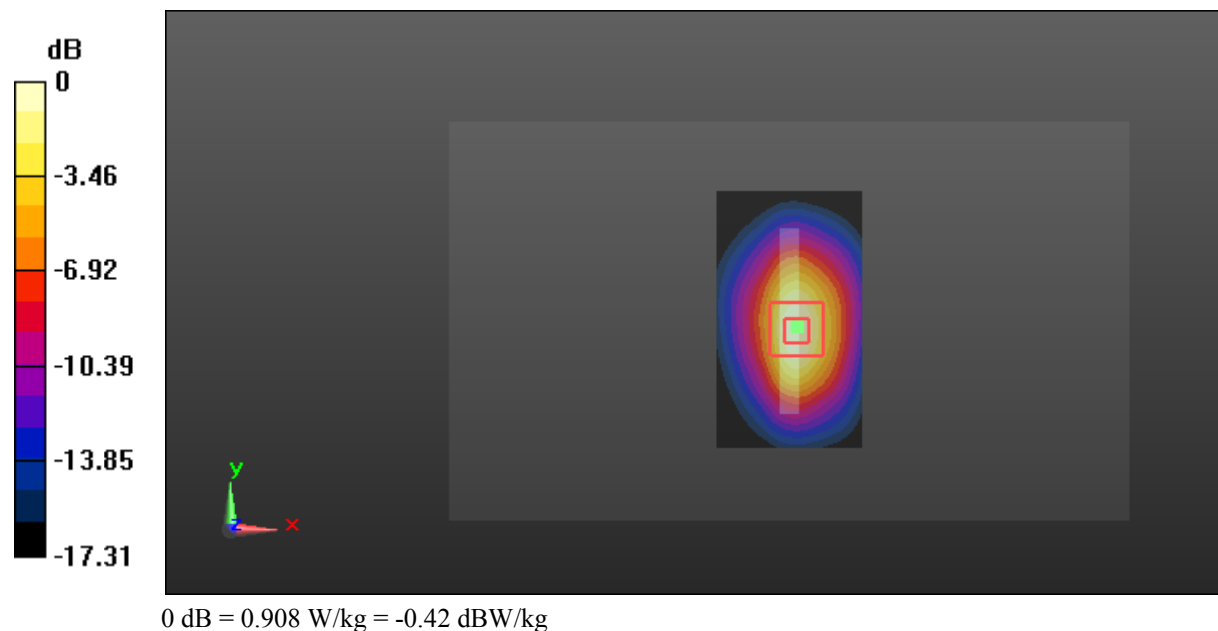
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.35 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.367 W/kg

Maximum value of SAR (measured) = 0.908 W/kg



Test Plot 19#: WCDMA Band 2_Head Left Cheek_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.158 W/kg

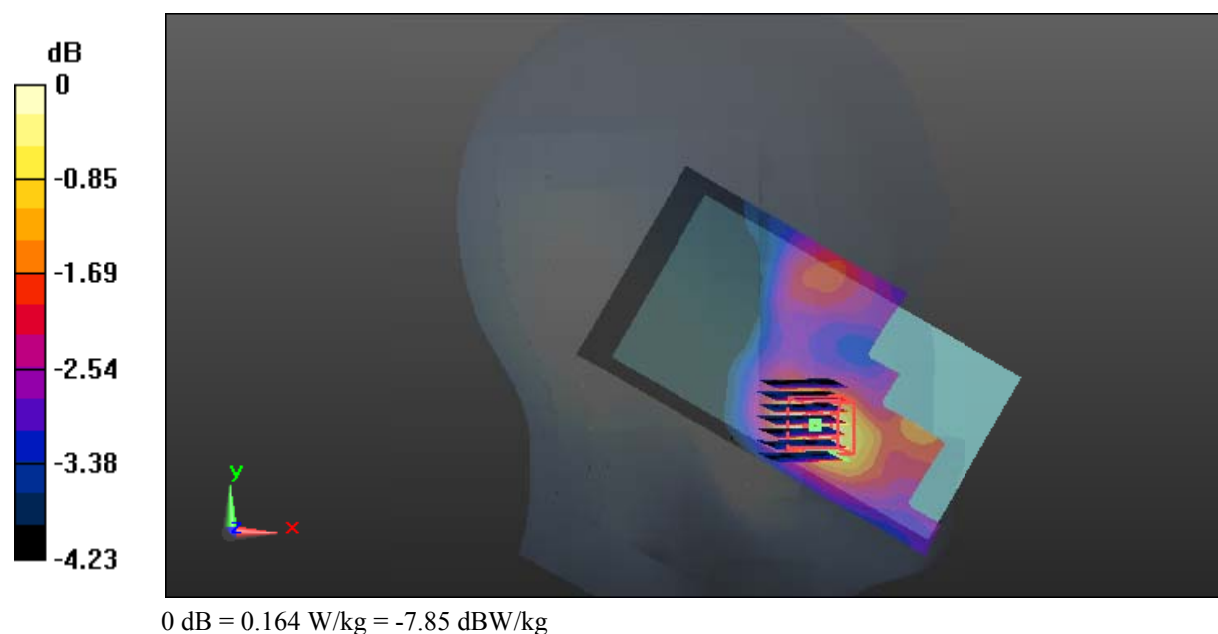
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.623 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.110 W/kg

Maximum value of SAR (measured) = 0.164 W/kg



Test Plot 20#: WCDMA Band 2_Head Left Tilt_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0879 W/kg

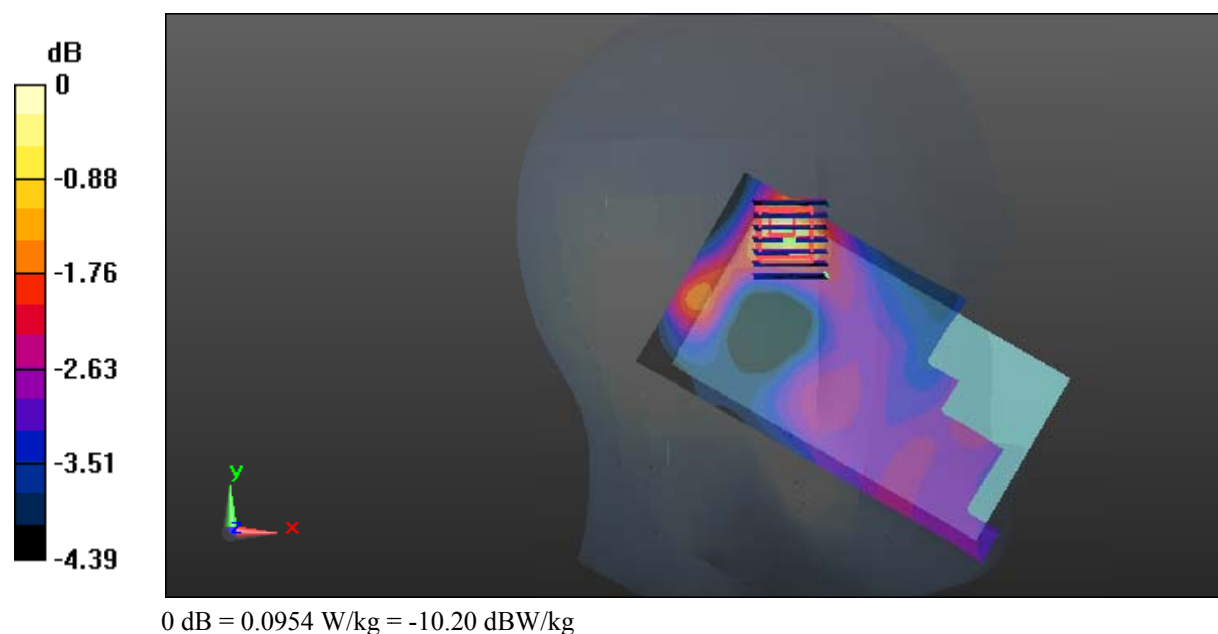
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.348 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.0954 W/kg



Test Plot 21#: WCDMA Band 2_Head Right Cheek_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.181 W/kg

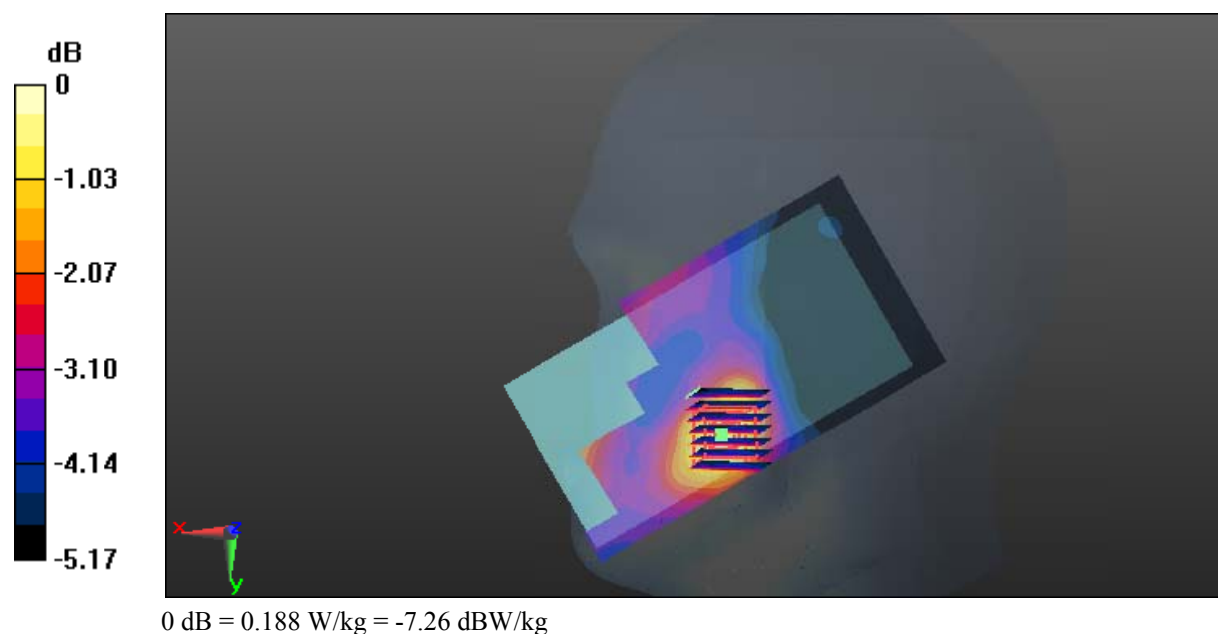
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.634 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.125 W/kg

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



Test Plot 22#: WCDMA Band 2_Head Right Tilt_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0646 W/kg

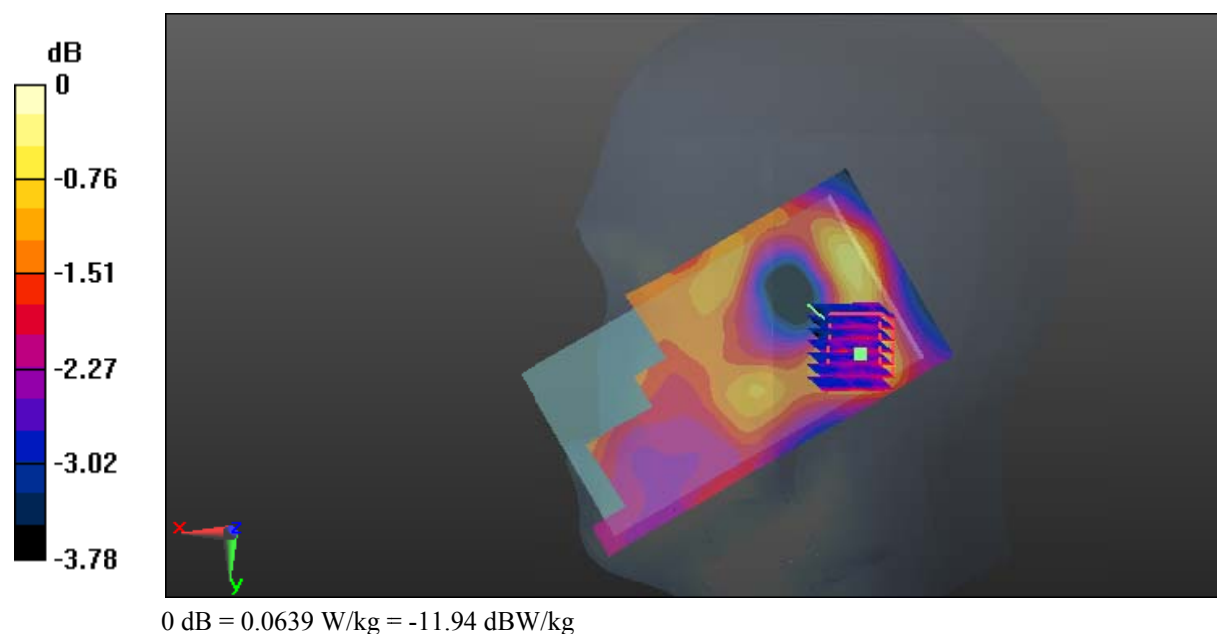
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.632 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0950 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.0639 W/kg



Test Plot 23#: WCDMA Band 2_Body Back_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 52.764$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.781 W/kg

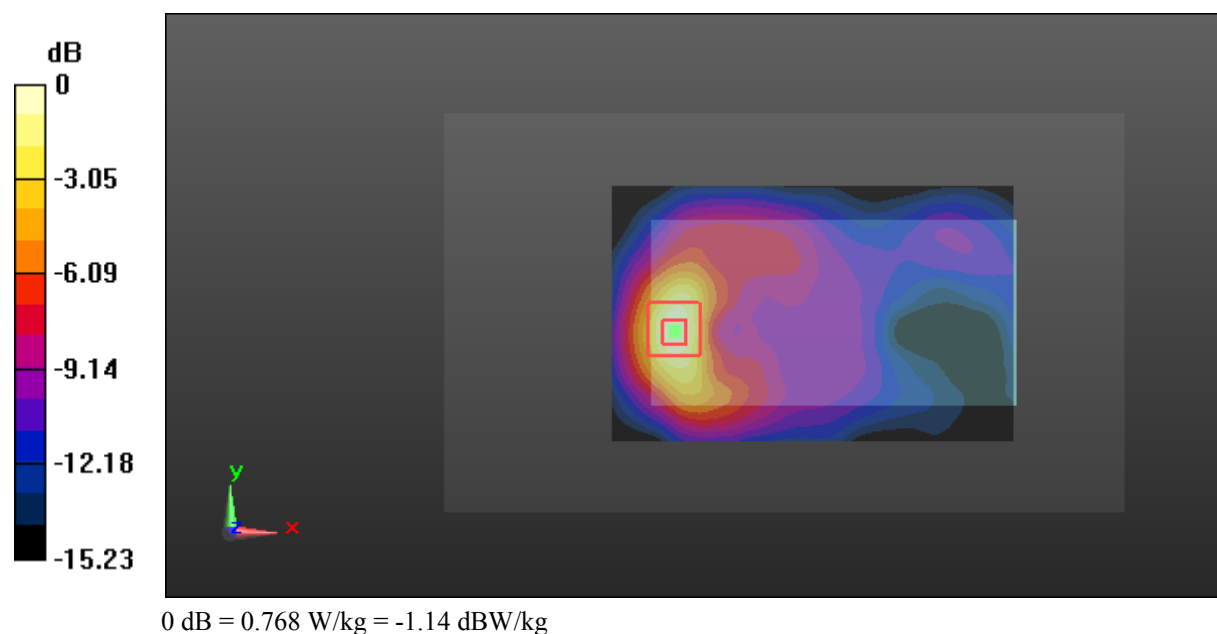
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.630 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.418 W/kg

Maximum value of SAR (measured) = 0.769 W/kg



Test Plot 24#: WCDMA Band 2_Body Right_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 52.764$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.202 W/kg

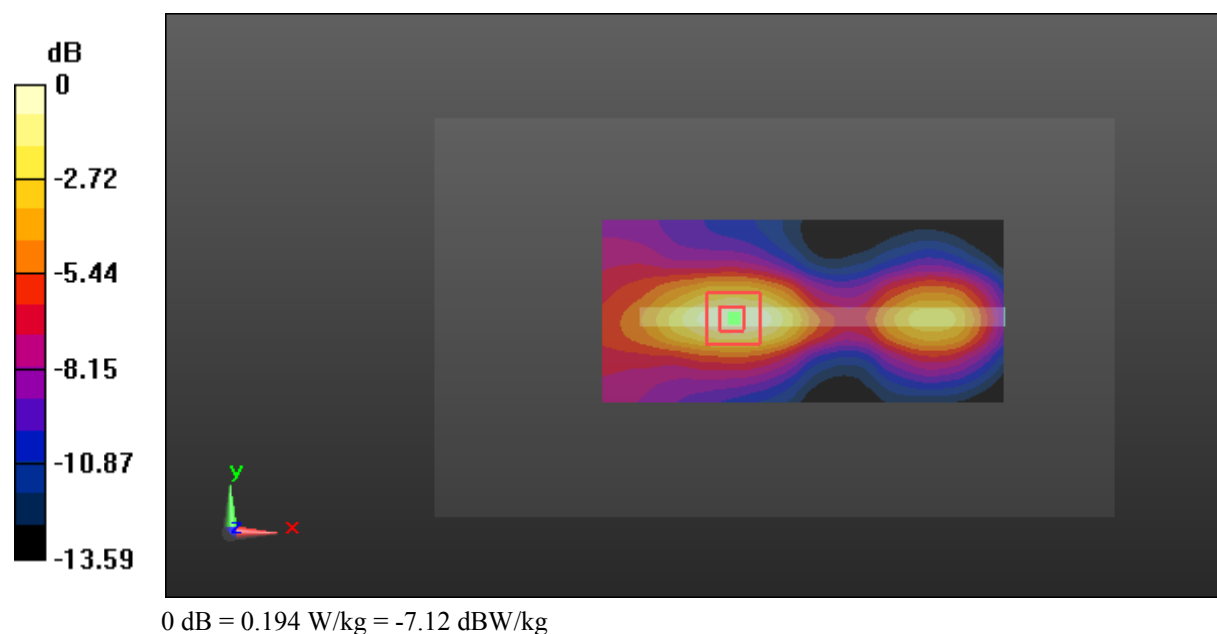
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.850 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.194 W/kg



Test Plot 25#: WCDMA Band 2_Body Bottom_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 52.764$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.801 W/kg

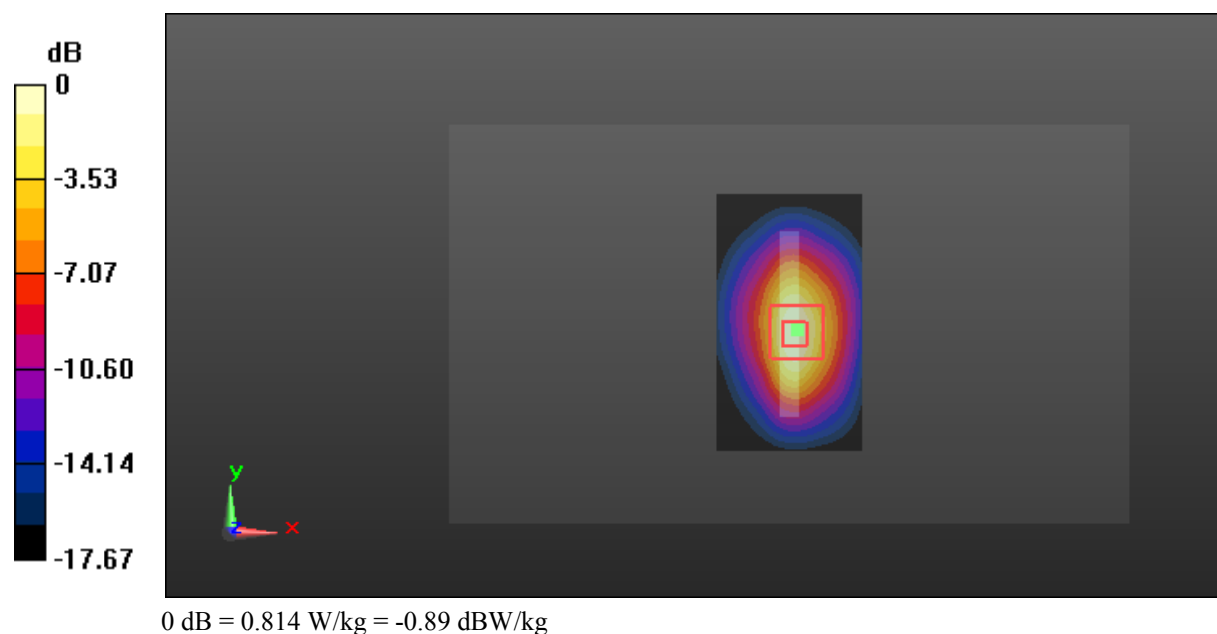
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.09 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.345 W/kg

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



Test Plot 26#: WCDMA Band 4_Head Left Cheek_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.6 MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.163 W/kg

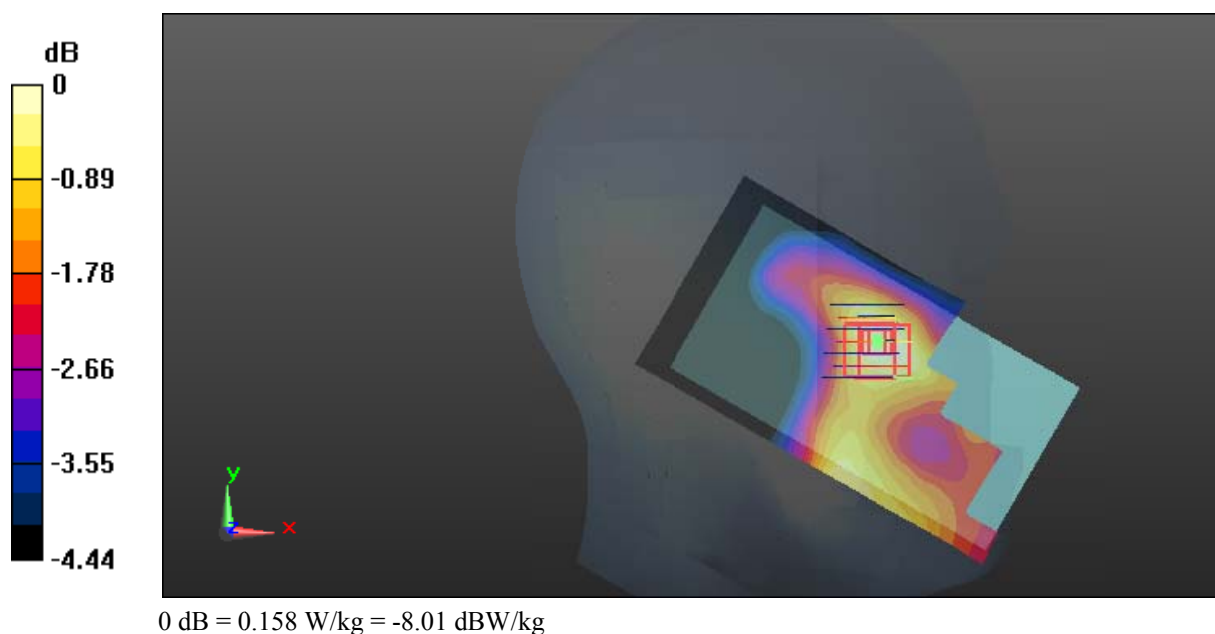
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.580 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.158 W/kg



Test Plot 27#: WCDMA Band 4_Head Left Tilt_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.6 MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0915 W/kg

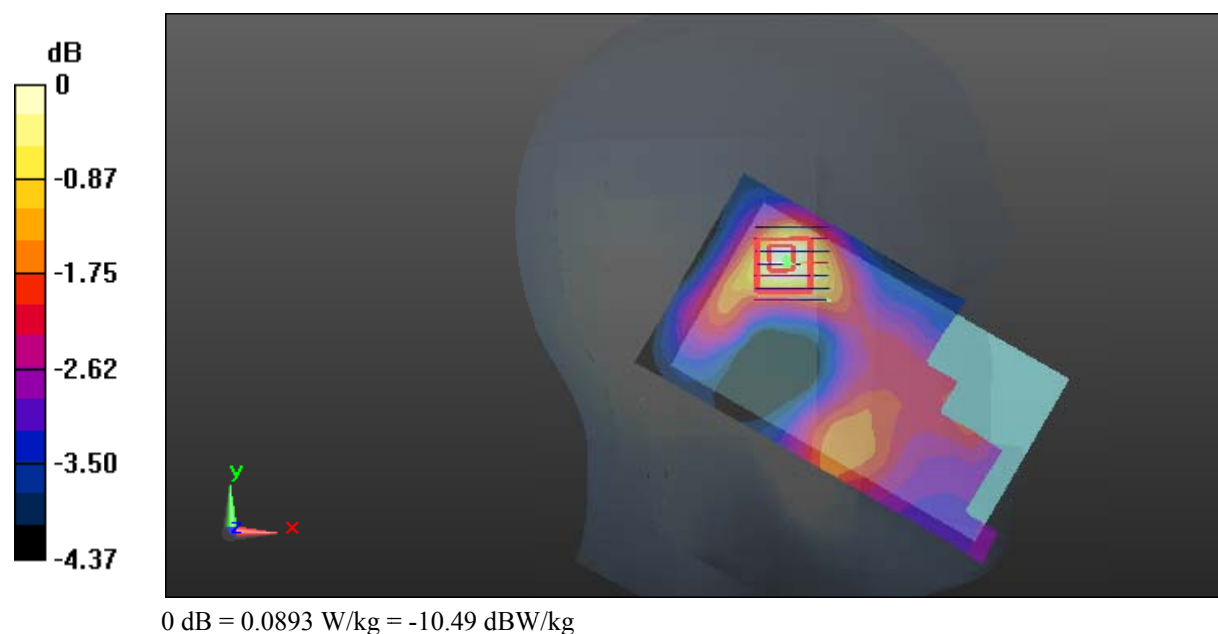
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.873 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.0893 W/kg



Test Plot 28#: WCDMA Band 4_Head Right Cheek_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.6 MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.222 W/kg

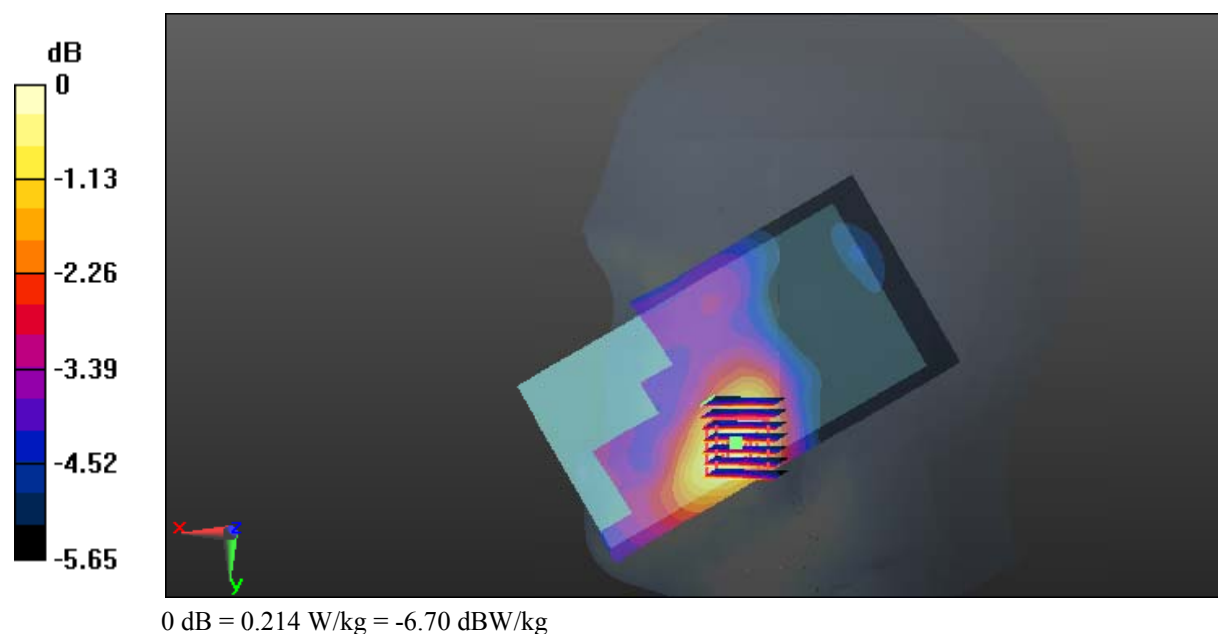
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.131 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.214 W/kg



Test Plot 29#: WCDMA Band 4_Head Right Tilt_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.6 MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0755 W/kg

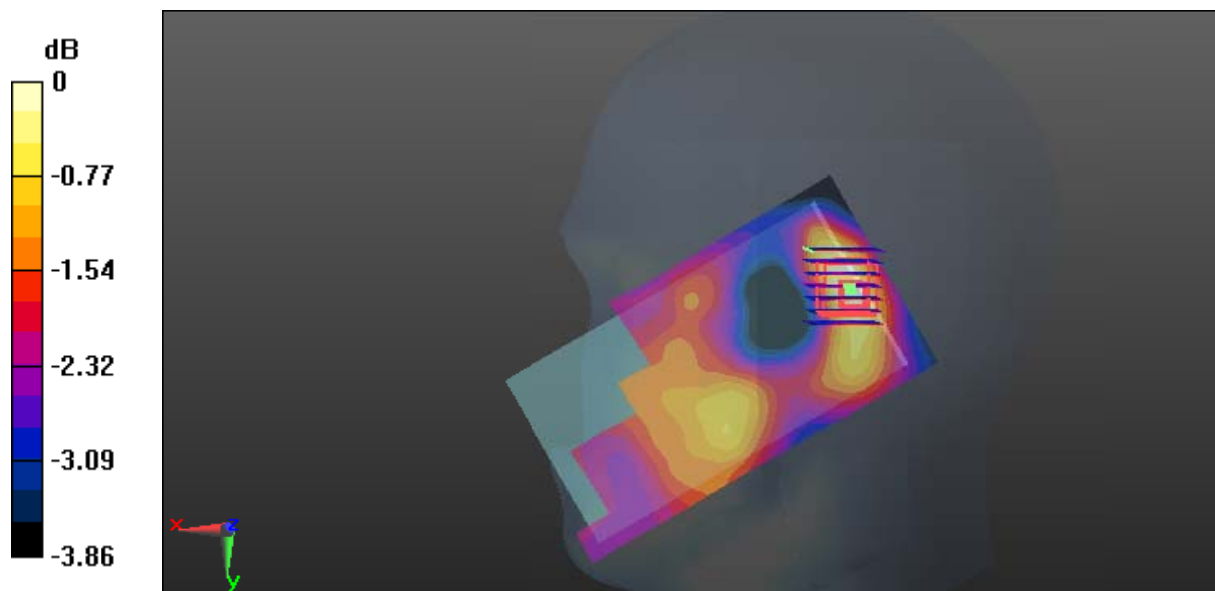
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.084 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.0738 W/kg



0 dB = 0.0738 W/kg = -11.32 dBW/kg

Test Plot 30#: WCDMA Band 4_Body Back_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.6 MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 52.369$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.754 W/kg

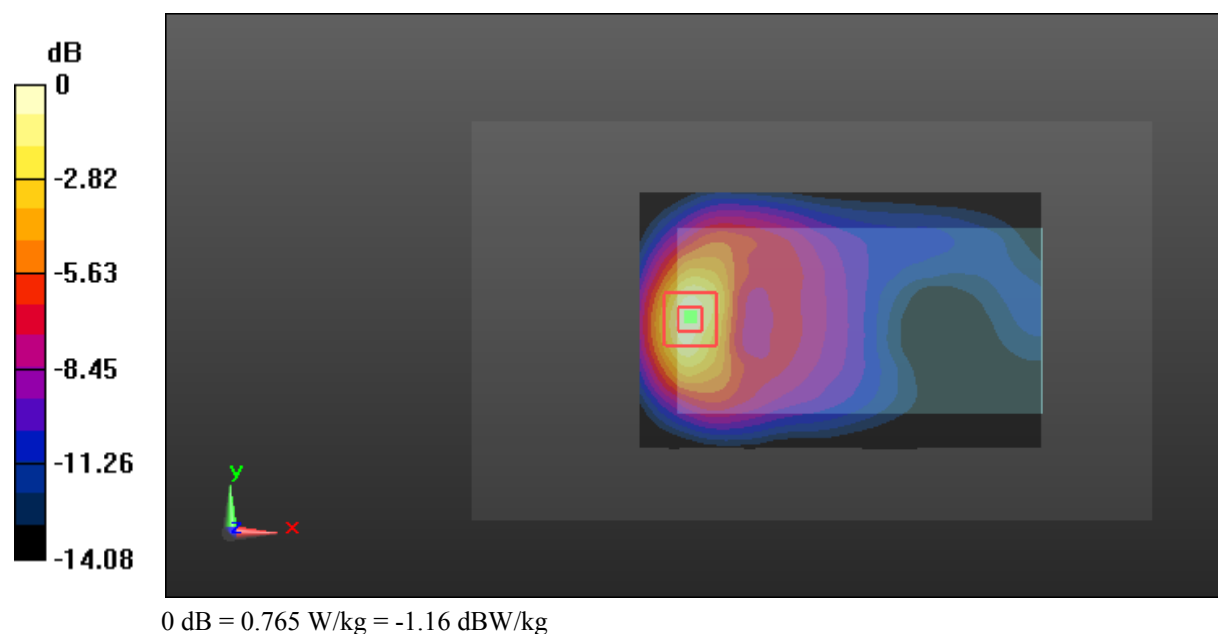
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.786 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.674 W/kg; SAR(10 g) = 0.388 W/kg

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



Test Plot 31#: WCDMA Band 4_Body Right_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.6 MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 52.369$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.219 W/kg

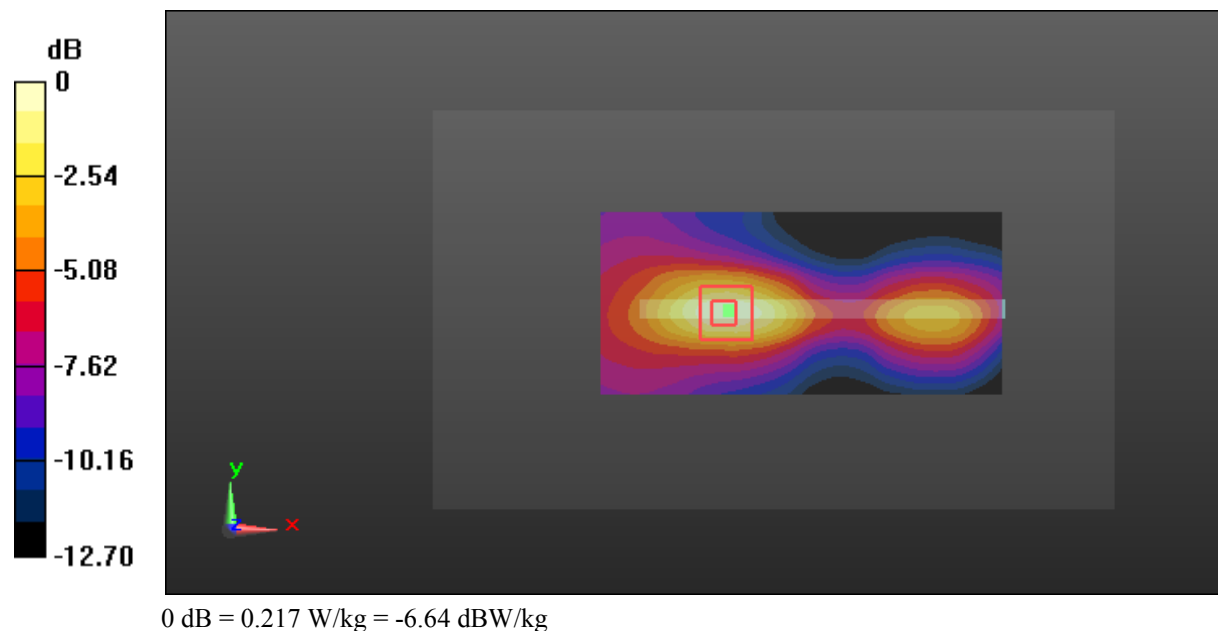
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.973 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.217 W/kg



Test Plot 32#: WCDMA Band 4_Body Bottom_Low Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1
Medium parameters used: 1712.4 MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 52.439$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

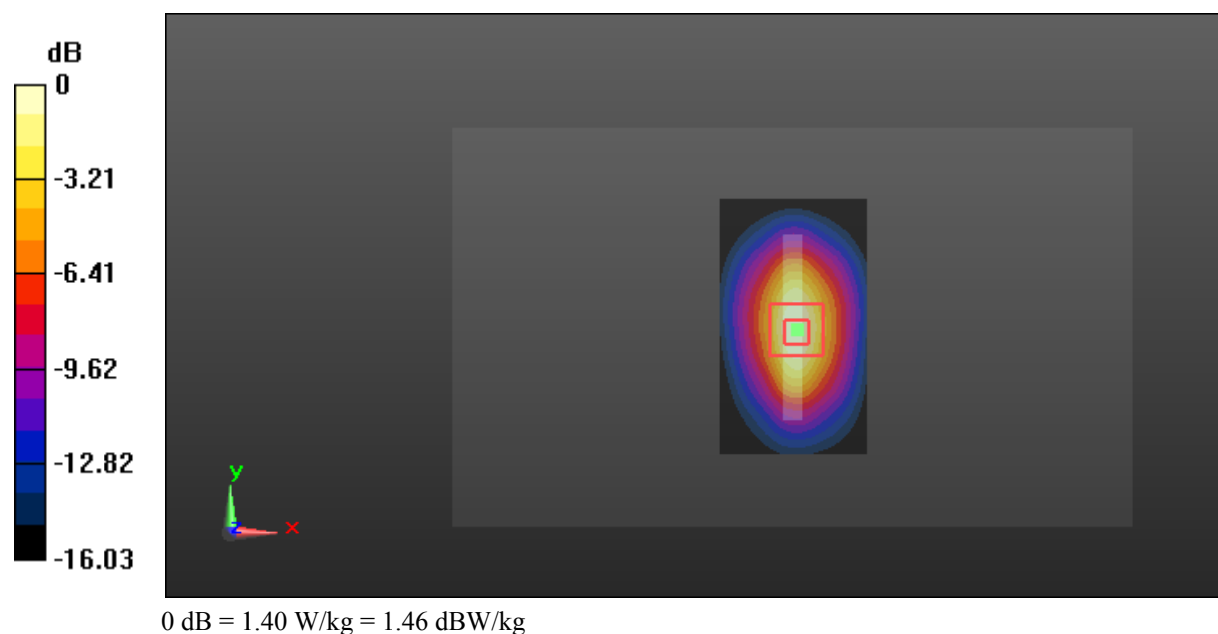
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.95 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.665 W/kg

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



Test Plot 33#: WCDMA Band 4_Body Bottom_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.6 MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 52.369$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

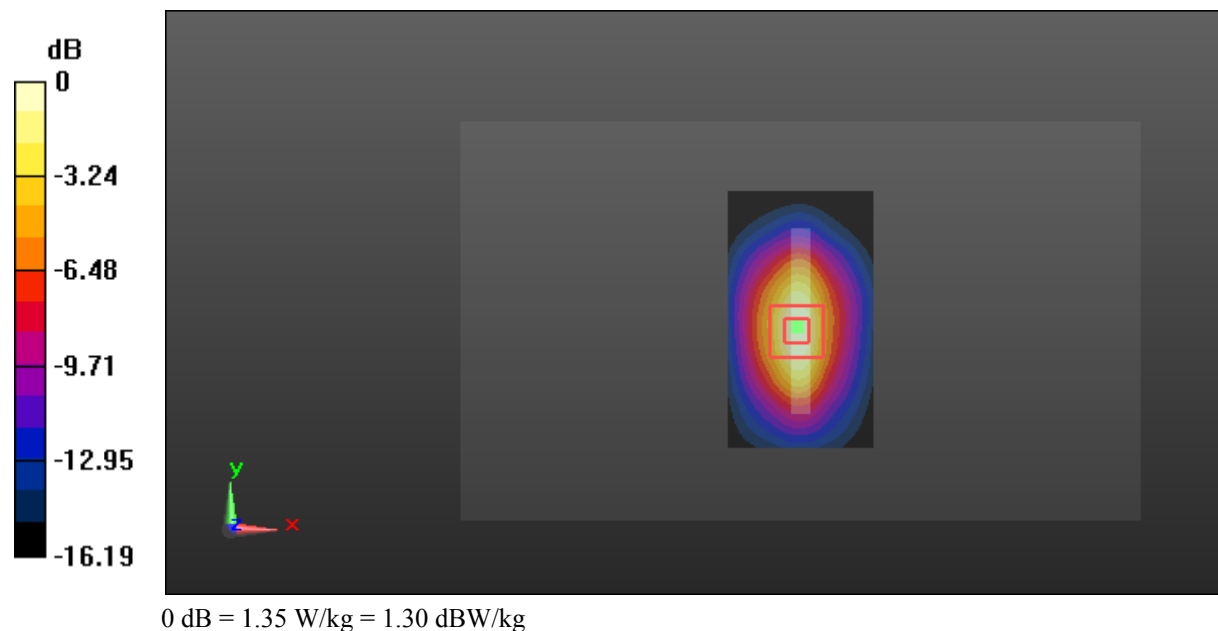
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.45 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.634 W/kg

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



Test Plot 34#: WCDMA Band 4_Body Bottom_High Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: 1752.6 MHz; $\sigma = 1.532$ S/m; $\epsilon_r = 52.23$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.11 W/kg

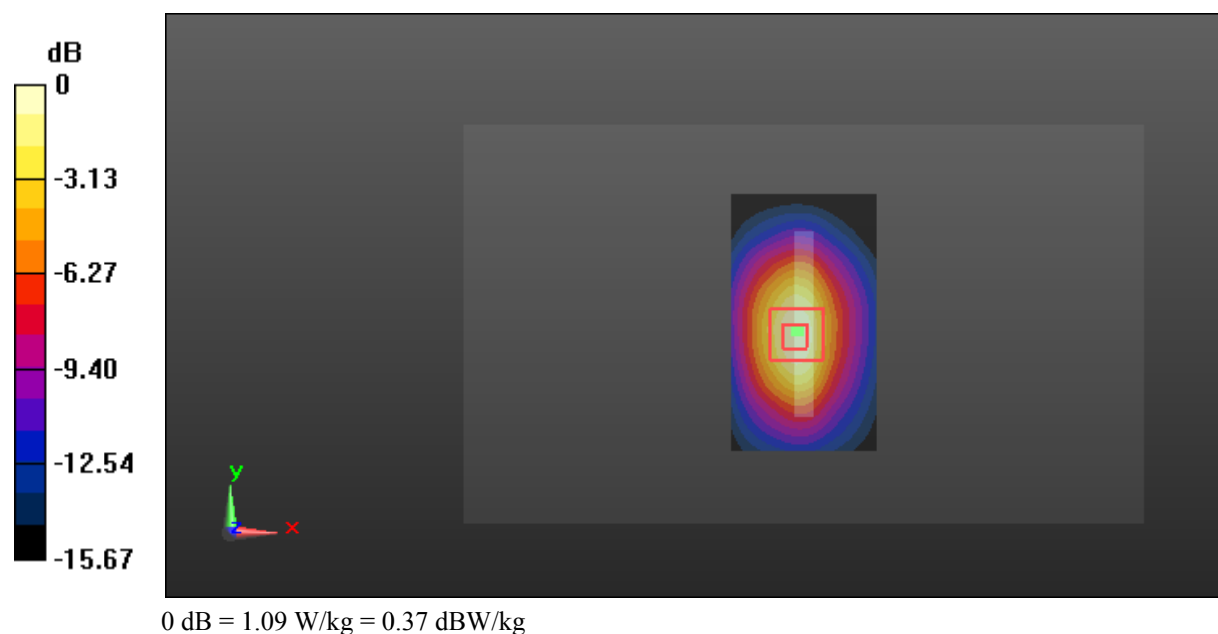
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.46 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.534 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



Test Plot 35#: WCDMA Band 5_Head Left Cheek_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: 836.6 MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.033$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.84, 9.84, 9.84); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

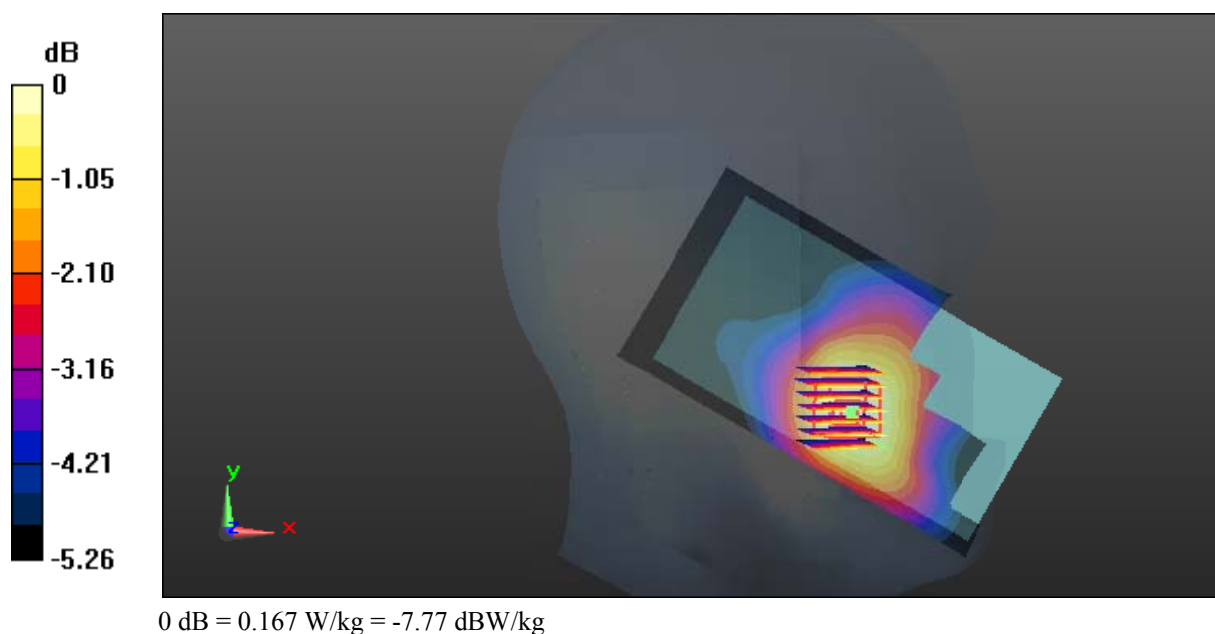
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.778 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.167 W/kg



Test Plot 36#: WCDMA Band 5_Head Left Tilt_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: 836.6 MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.033$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.84, 9.84, 9.84); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0696 W/kg

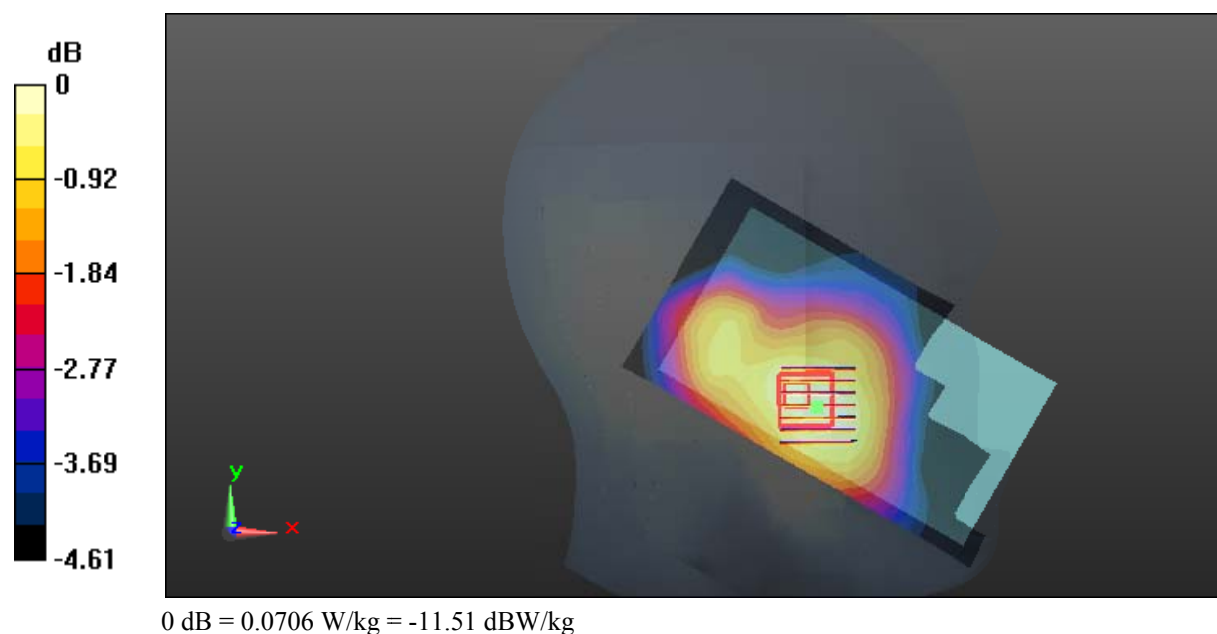
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.096 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0780 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.0706 W/kg



Test Plot 37#: WCDMA Band 5_Head Right Cheek_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: 836.6 MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.033$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.84, 9.84, 9.84); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.112 W/kg

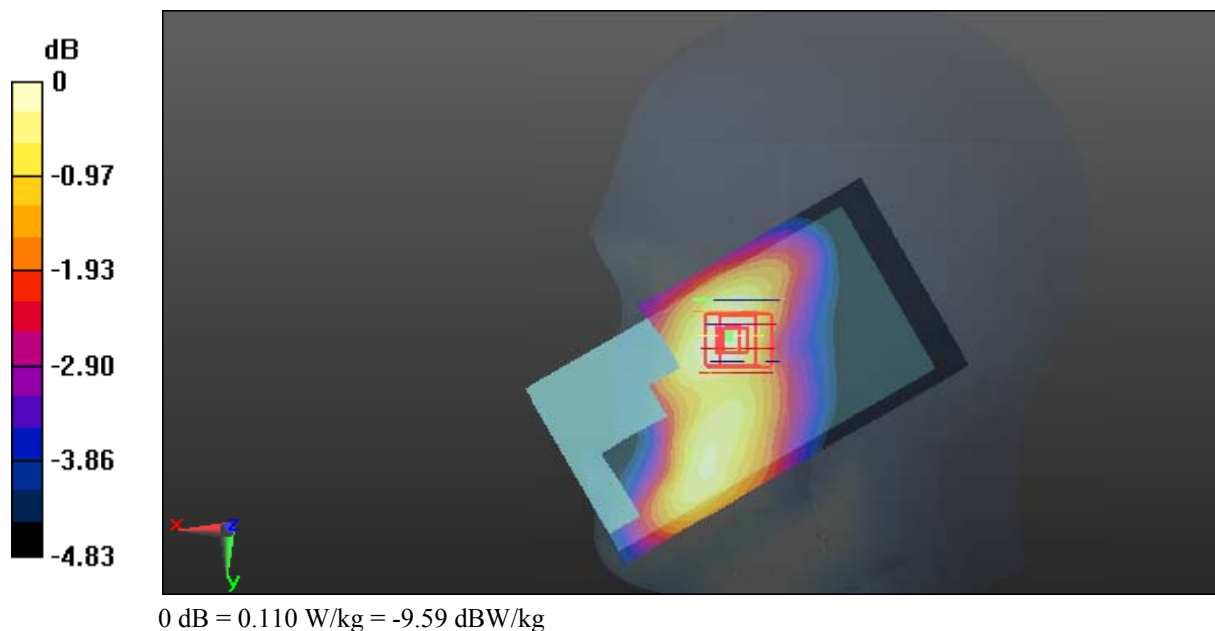
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.796 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.084 W/kg

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



Test Plot 38#: WCDMA Band 5_Head Right Tilt_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: 836.6 MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.033$; $\rho = 1000$ kg/m³ ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.84, 9.84, 9.84); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0755 W/kg

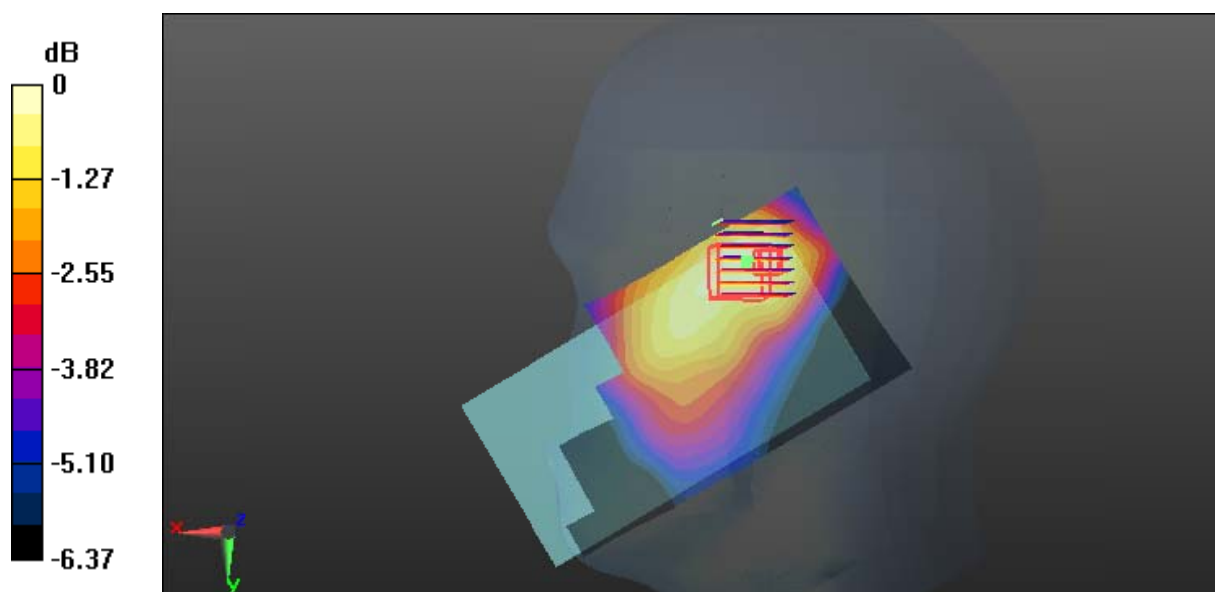
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.016 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.0722 W/kg



0 dB = 0.0722 W/kg = -11.41 dBW/kg

Test Plot 39#: WCDMA Band 5_Body Back_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: 836.6 MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 54.024$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.370 W/kg

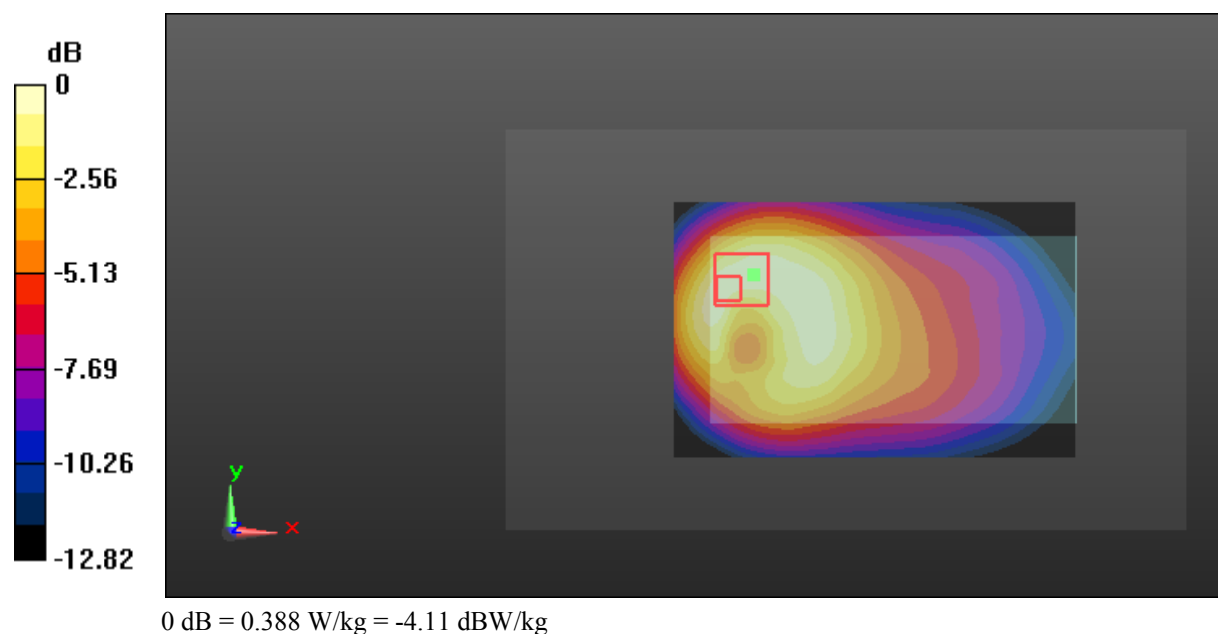
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.31 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.388 W/kg



Test Plot 40#: WCDMA Band 5_Body Right_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: 836.6 MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 54.024$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0892 W/kg

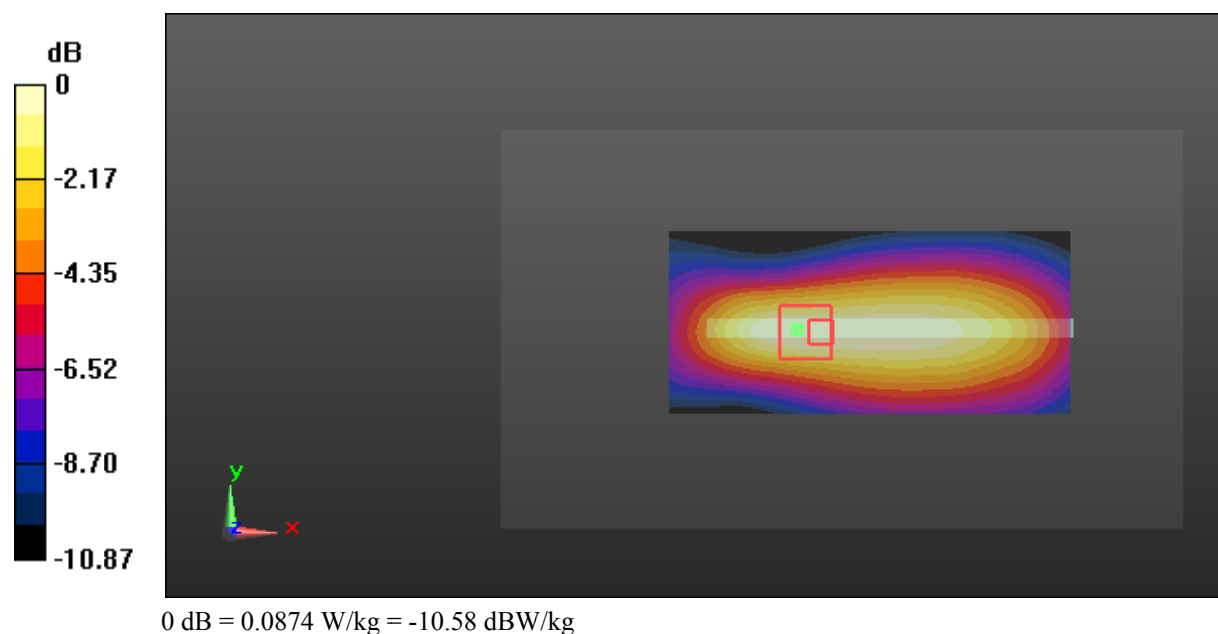
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.257 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.125 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.0874 W/kg



Test Plot 41#: WCDMA Band 5_Body Bottom_Middle Channel**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: 836.6 MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 54.024$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.313 W/kg

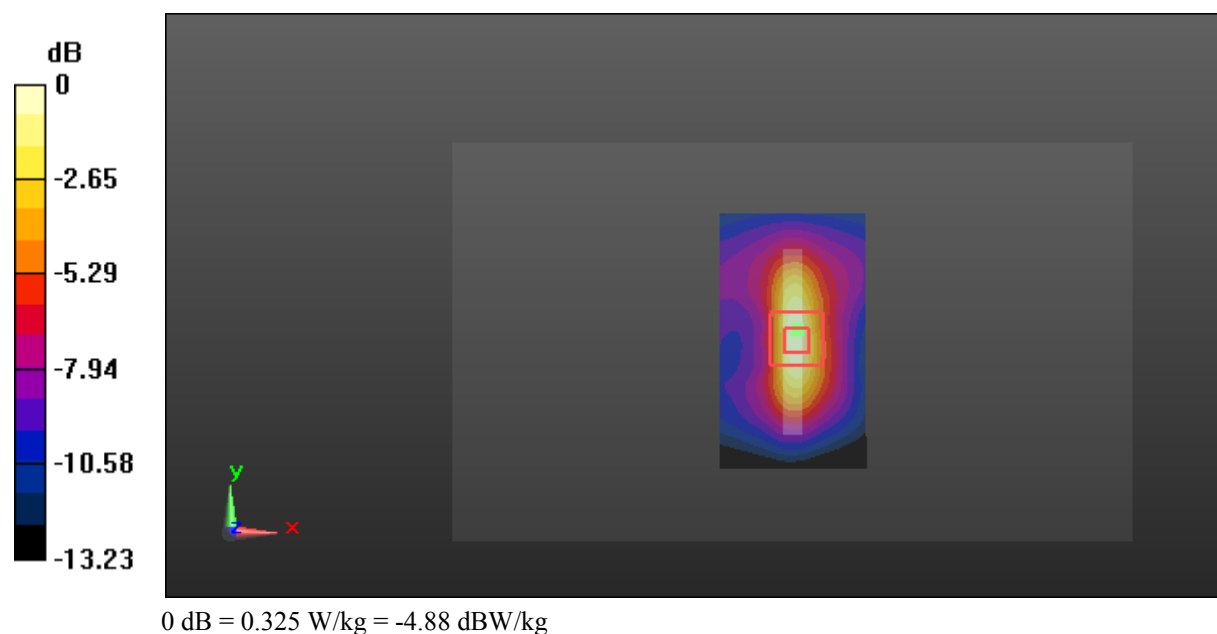
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.04 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.325 W/kg



Test Plot 42#: LTE Band 2_Head Left Cheek_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.281 W/kg

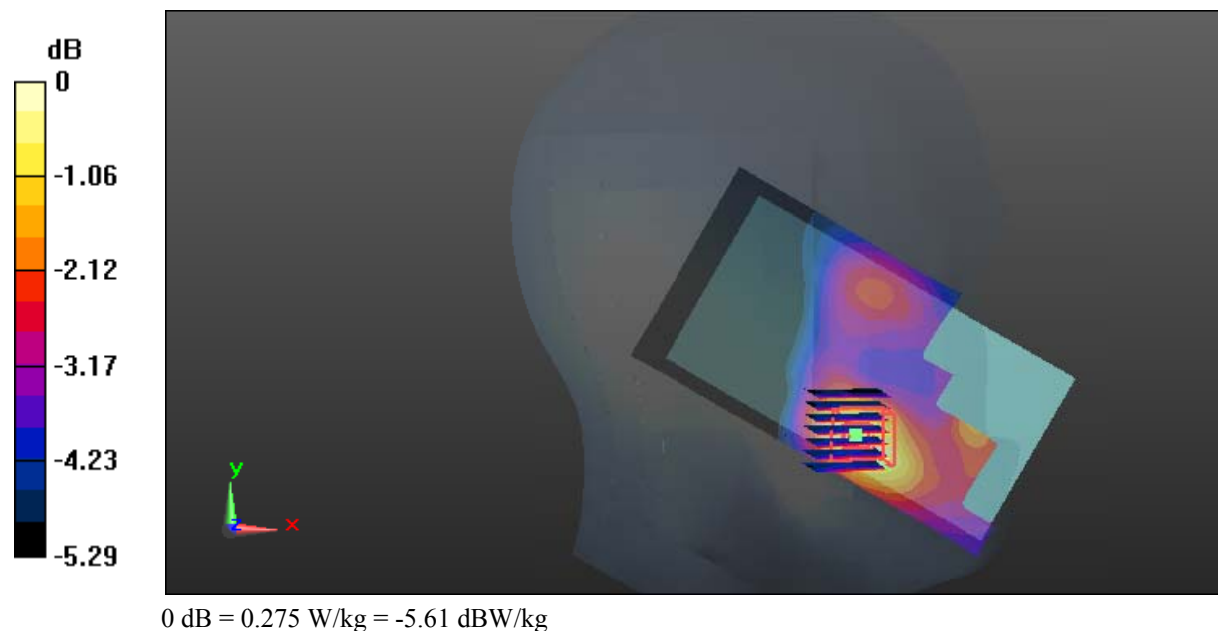
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.115 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.177 W/kg

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



Test Plot 43#: LTE Band 2_Head Left Cheek_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.243 W/kg

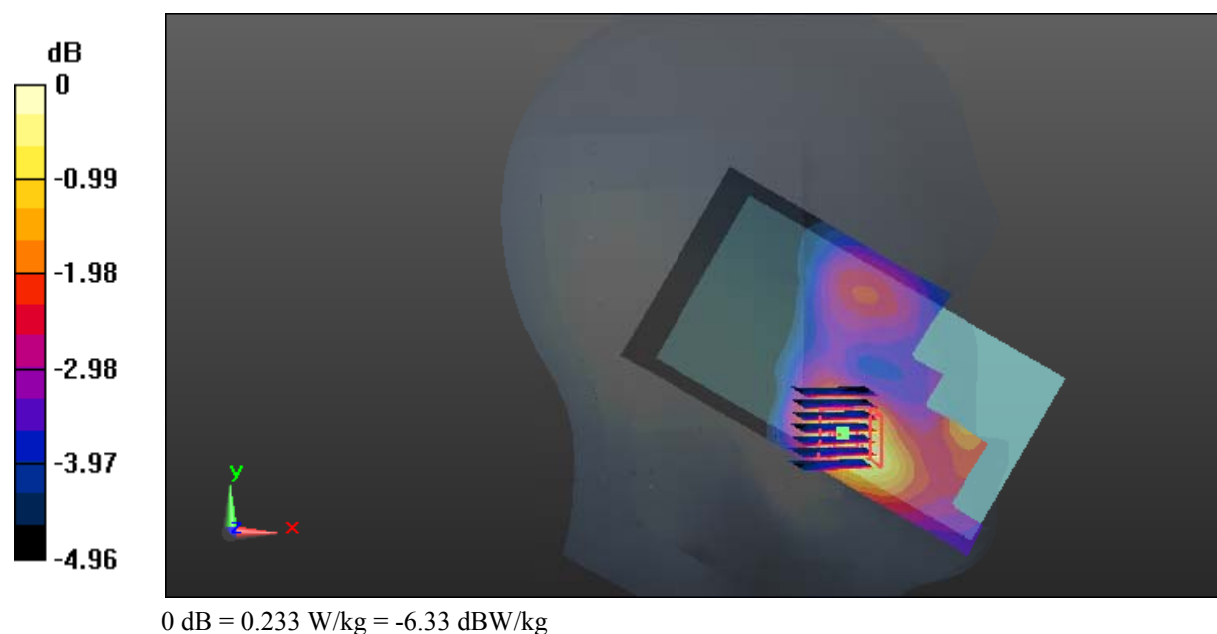
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.701 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (measured) = 0.233 W/kg



Test Plot 44#: LTE Band 2_Head Left Tilt_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

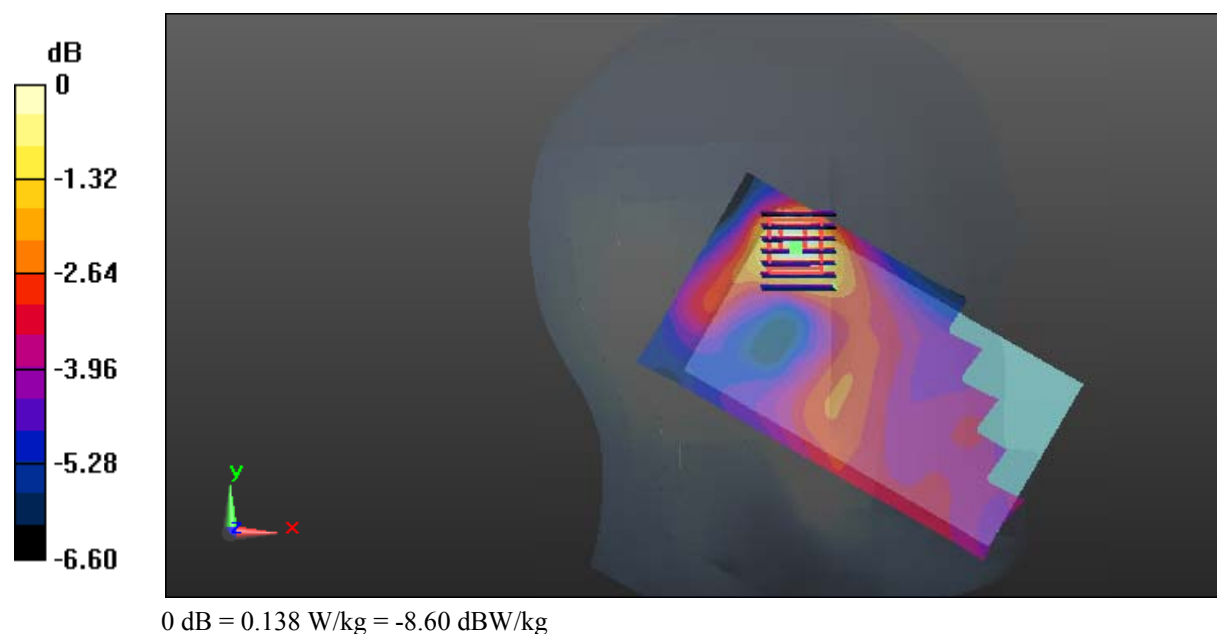
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.833 V/m; Power Drift = -0.67 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.082 W/kg

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



Test Plot 45#: LTE Band 2_Head Left Tilt_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.124 W/kg

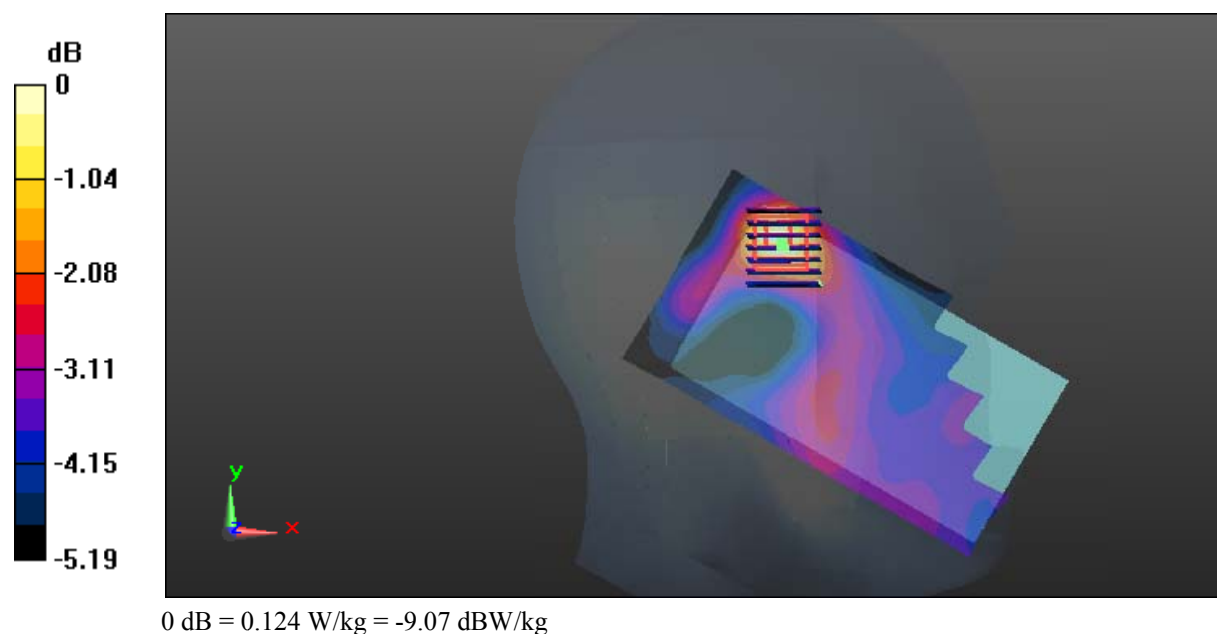
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.557 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.124 W/kg



Test Plot 46#: LTE Band 2_Head Right Cheek_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.230 W/kg

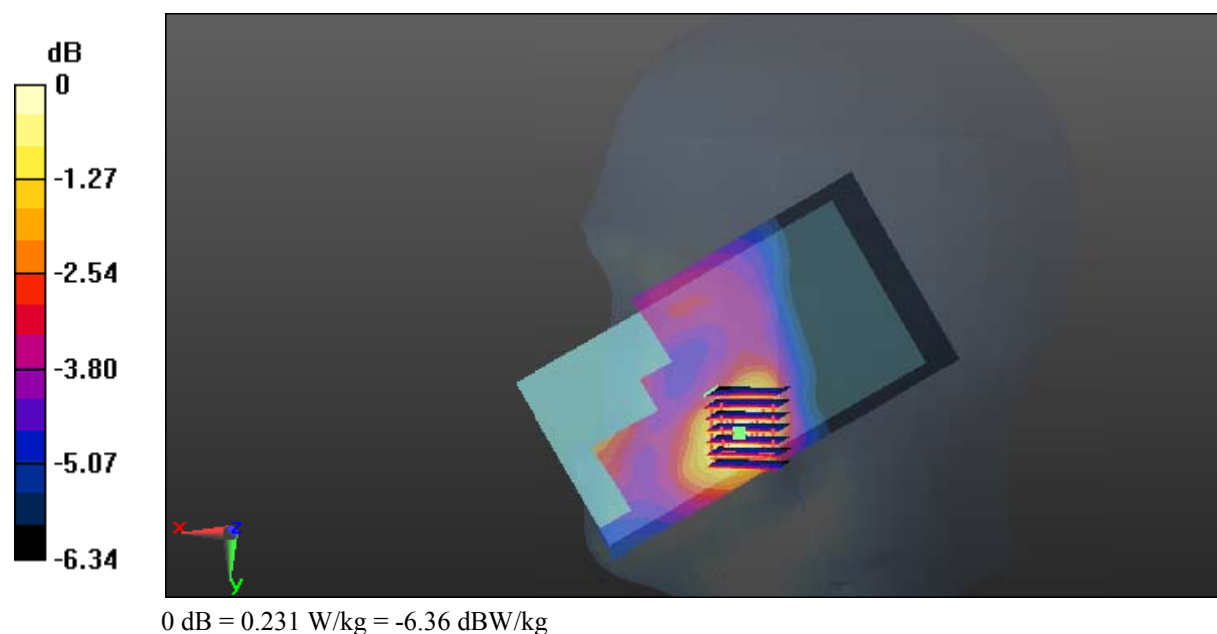
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.756 V/m; Power Drift = 0.53 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.146 W/kg

Maximum value of SAR (measured) = 0.231 W/kg



Test Plot 47#: LTE Band 2_Head Right Cheek_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.202 W/kg

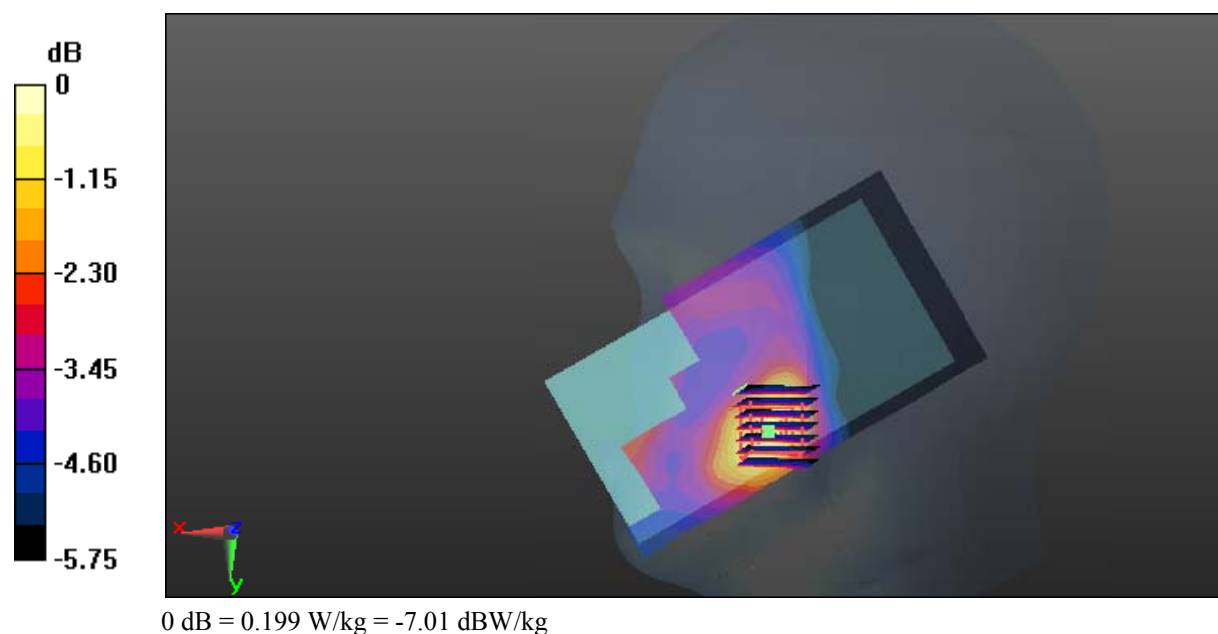
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.758 V/m; Power Drift = 0.50 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.199 W/kg



Test Plot 48#: LTE Band 2_Head Right Tilt_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0780 W/kg

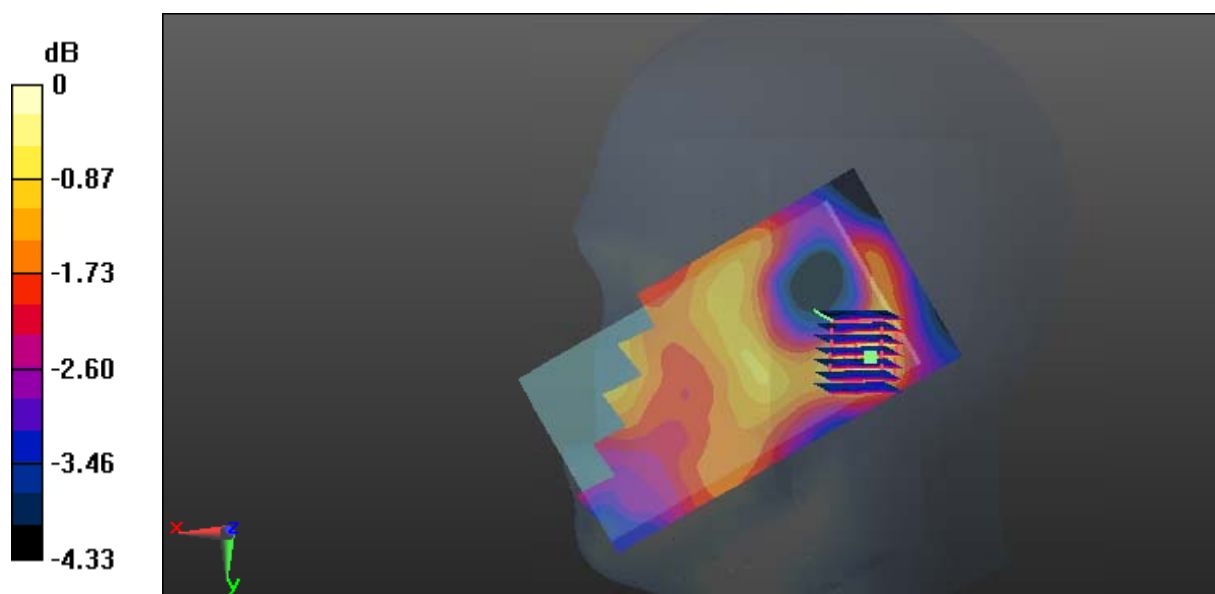
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.472 V/m; Power Drift = 0.64 dB

Peak SAR (extrapolated) = 0.0970 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.0781 W/kg



0 dB = 0.0781 W/kg = -11.07 dBW/kg

Test Plot 49#: LTE Band 2_Head Right Tilt_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0698 W/kg

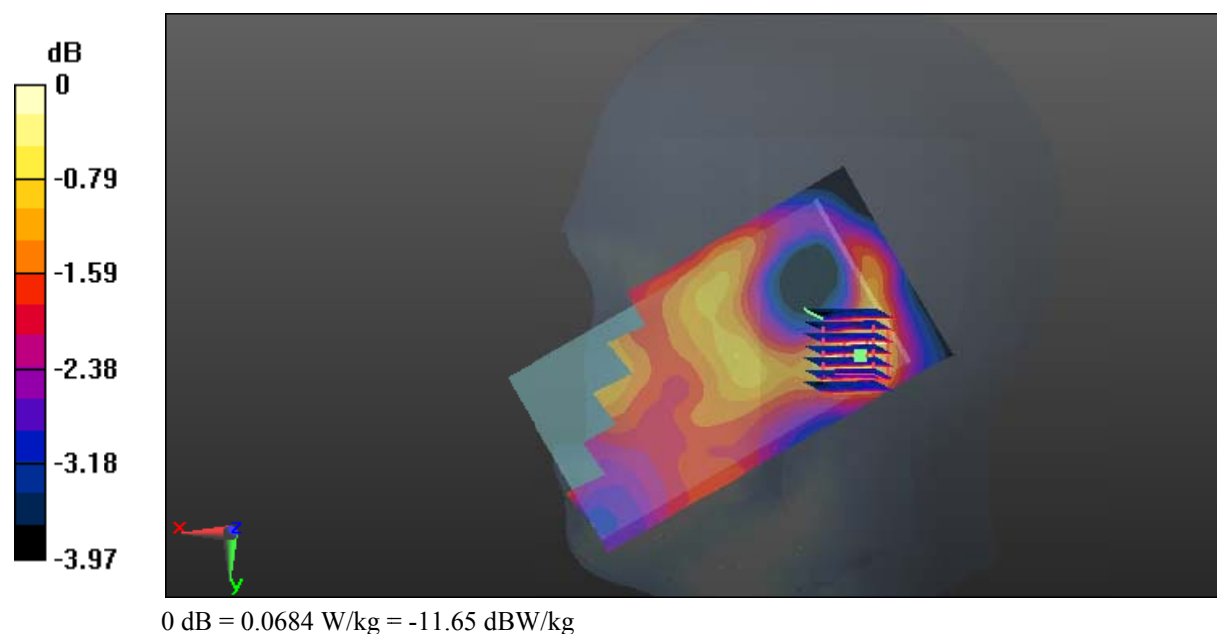
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.303 V/m; Power Drift = 0.59 dB

Peak SAR (extrapolated) = 0.0880 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.0684 W/kg



Test Plot 50#: LTE Band 2_Body Back_Low Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used: 1860 MHz; $\sigma = 1.484$ S/m; $\epsilon_r = 52.826$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

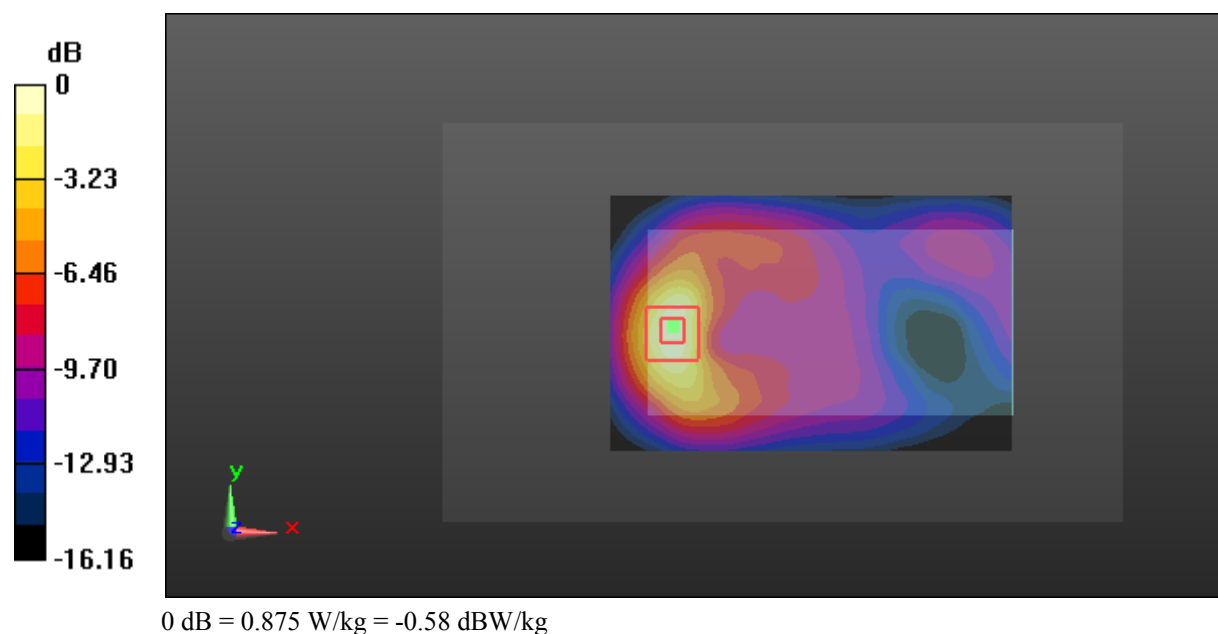
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.644 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.423 W/kg

Maximum value of SAR (measured) = 0.875 W/kg



Test Plot 51#: LTE Band 2_Body Back_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 52.764$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.880 W/kg

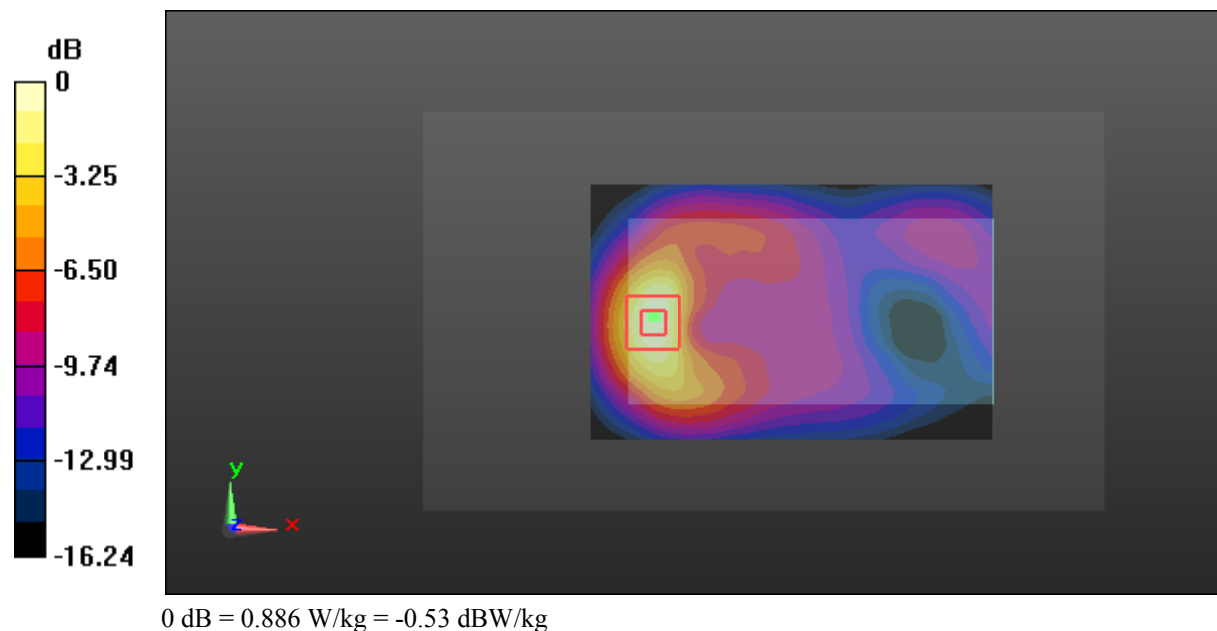
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.237 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.424 W/kg

Maximum value of SAR (measured) = 0.886 W/kg



Test Plot 52#: LTE Band 2_Body Back_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 52.764$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.707 W/kg

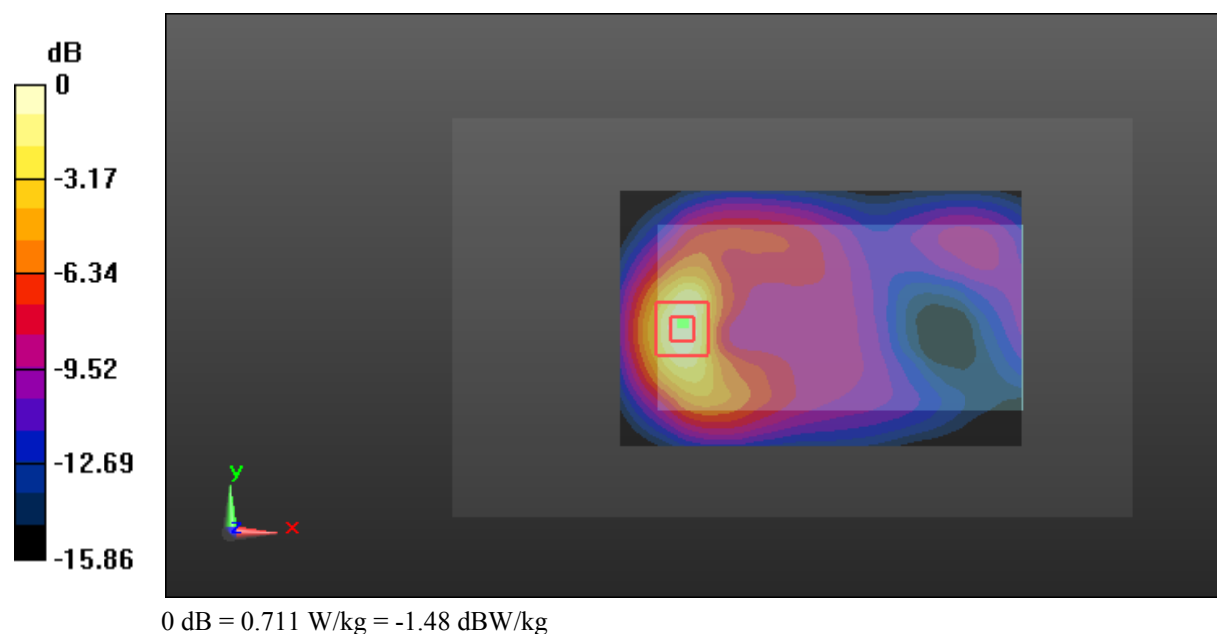
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.445 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.711 W/kg



Test Plot 53#: LTE Band 2_Body Back_High Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: 1900 MHz; $\sigma = 1.534$ S/m; $\epsilon_r = 52.759$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.836 W/kg

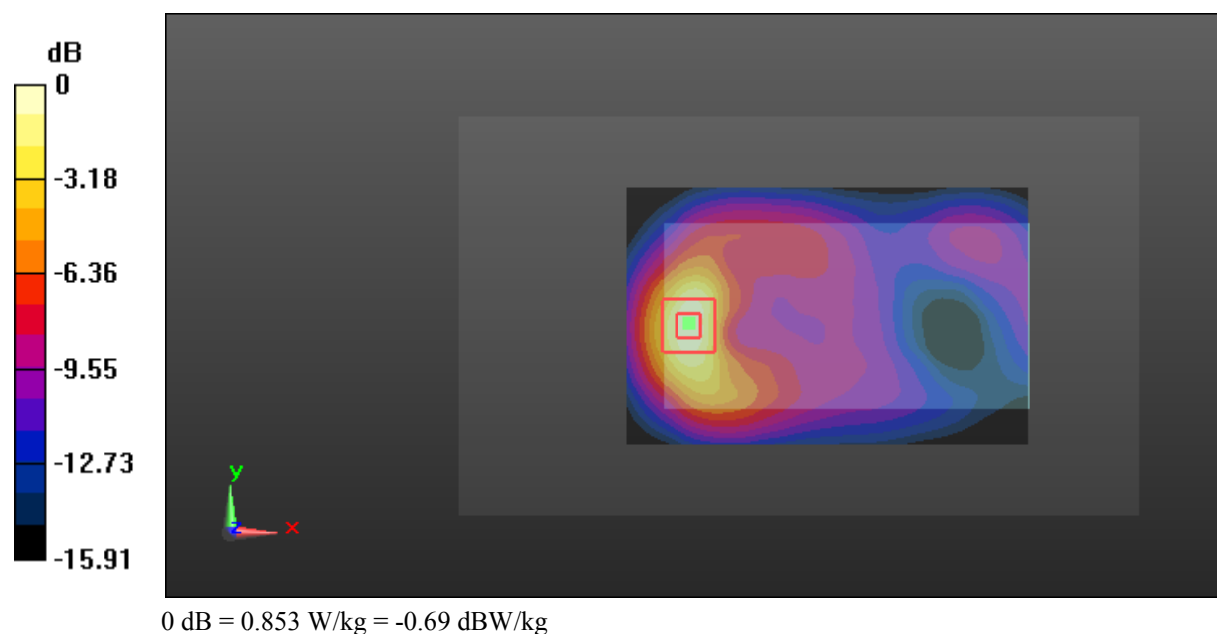
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.854 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.405 W/kg

Maximum value of SAR (measured) = 0.853 W/kg



Test Plot 54#: LTE Band 2_Body Right_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 52.764$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.195 W/kg

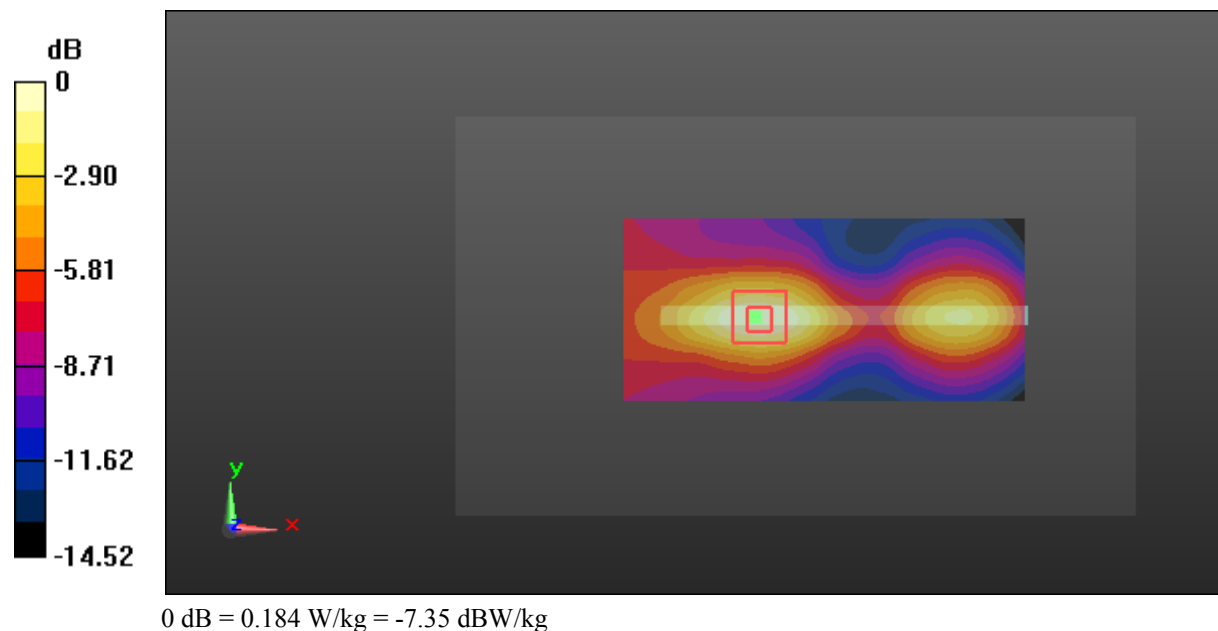
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.702 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.184 W/kg



Test Plot 55#: LTE Band 2_Body Right_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 52.764$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.161 W/kg

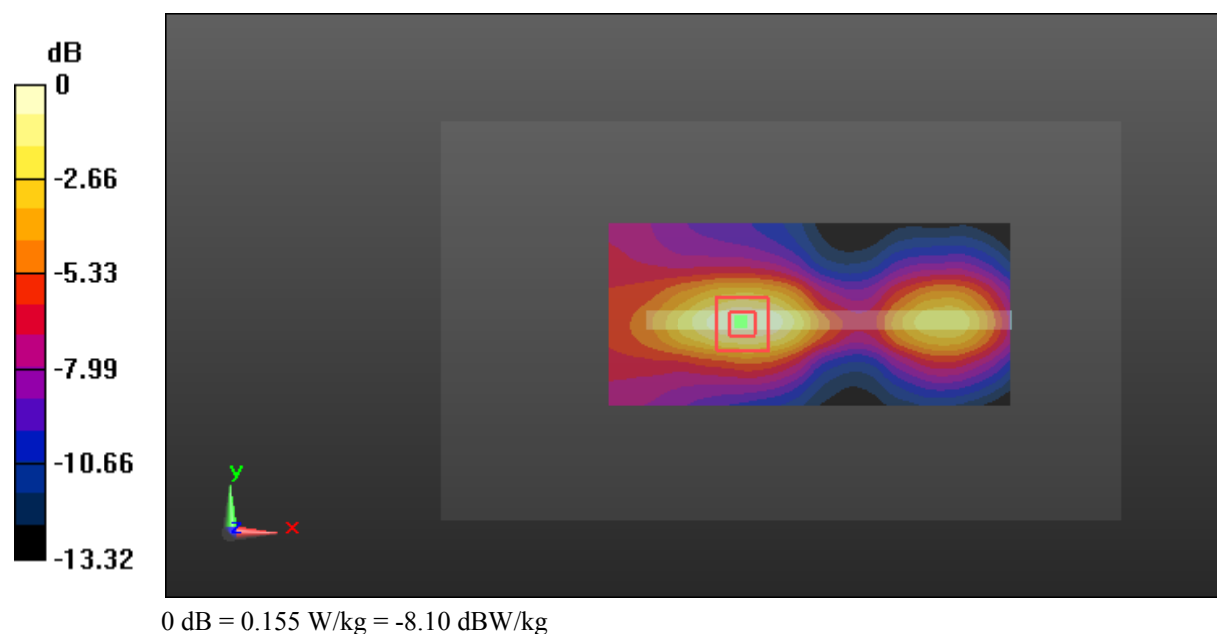
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.816 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.080 W/kg

Maximum value of SAR (measured) = 0.155 W/kg



Test Plot 56#: LTE Band 2_Body Bottom_Low Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used: 1860 MHz; $\sigma = 1.484$ S/m; $\epsilon_r = 52.826$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.51 W/kg

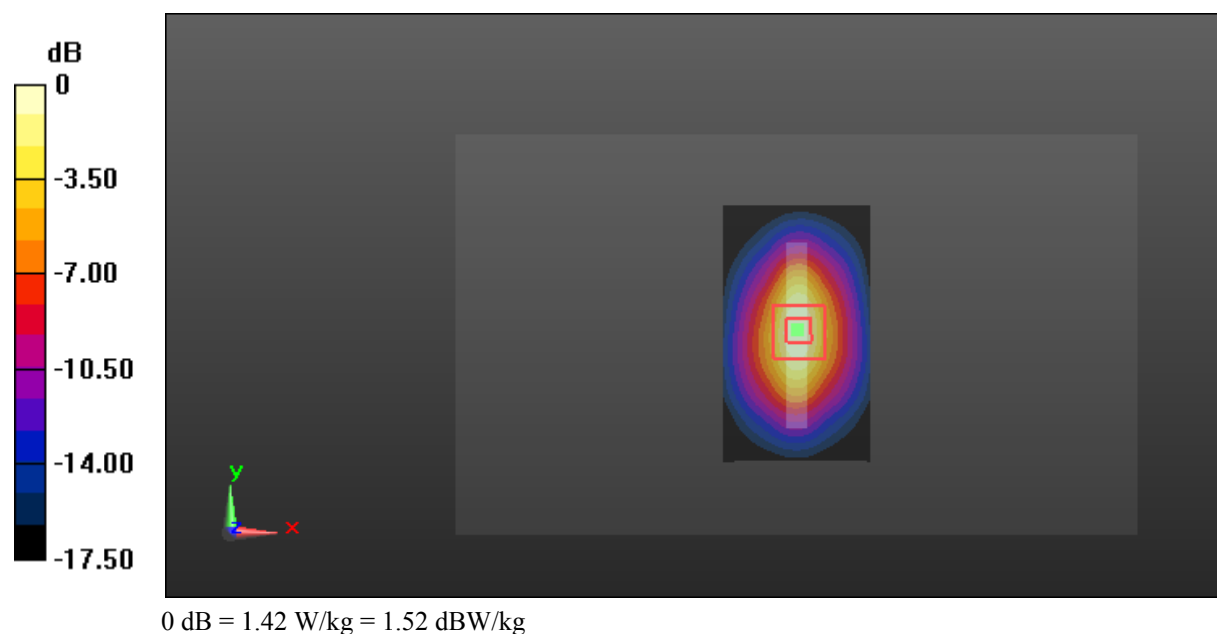
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.96 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.637 W/kg

Maximum value of SAR (measured) = 1.42 W/kg



Test Plot 57#: LTE Band 2_Body Bottom_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 52.764$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.51 W/kg

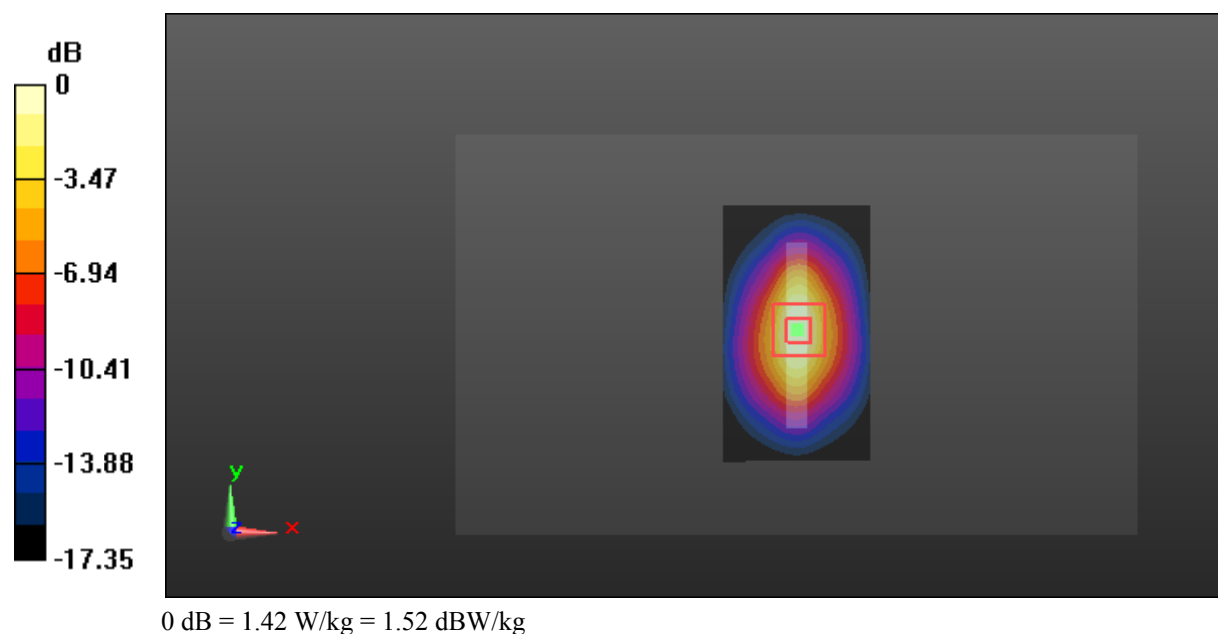
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.20 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.631 W/kg

Maximum value of SAR (measured) = 1.42 W/kg



Test Plot 59#: LTE Band 2_Body Bottom_High Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: 1900 MHz; $\sigma = 1.534$ S/m; $\epsilon_r = 52.759$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

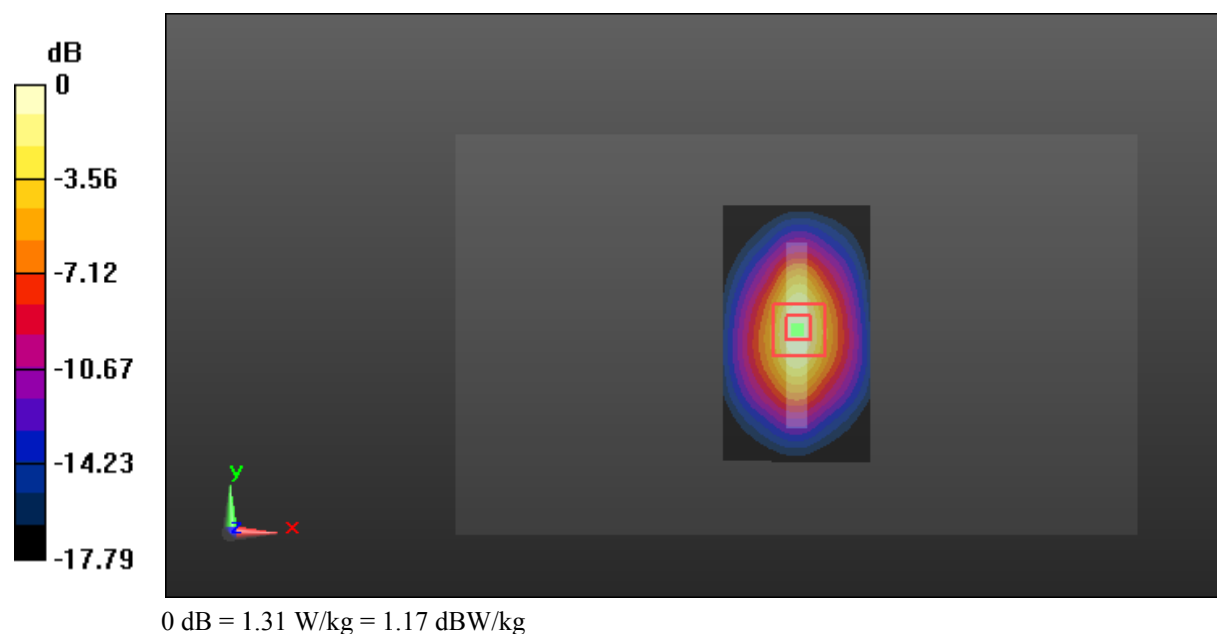
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.11 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.578 W/kg

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



Test Plot 59#: LTE Band 2_Body Bottom_Low Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used: 1860 MHz; $\sigma = 1.484$ S/m; $\epsilon_r = 52.826$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

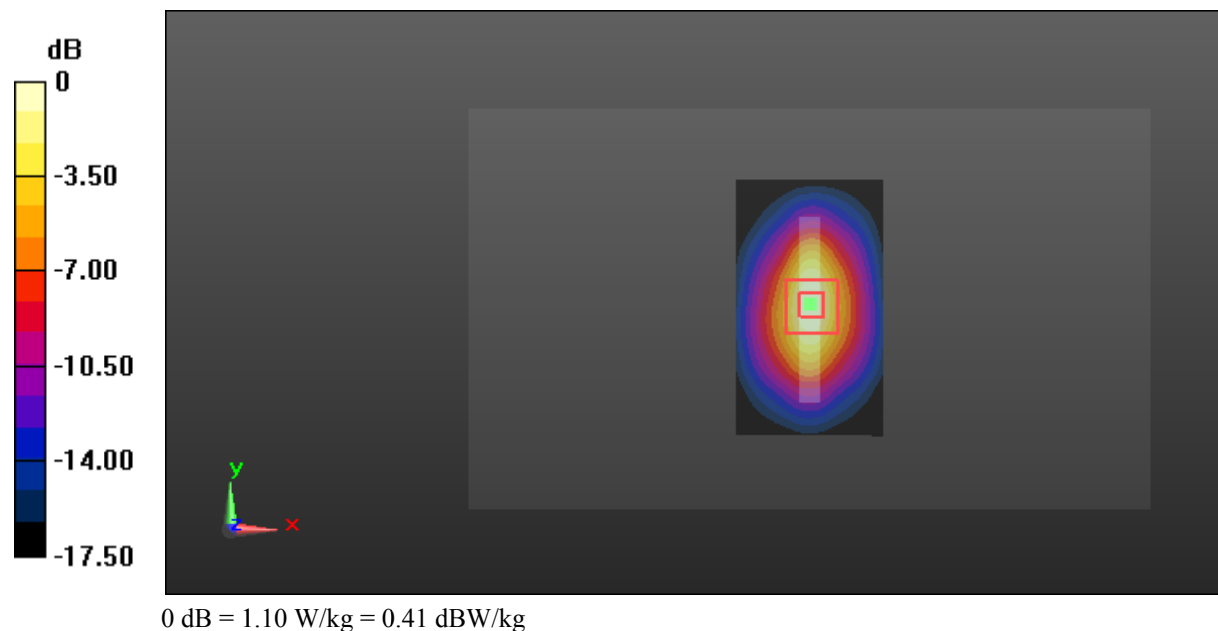
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.23 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.965 W/kg; SAR(10 g) = 0.490 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



Test Plot 60#: LTE Band 2_Body Bottom_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 52.764$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

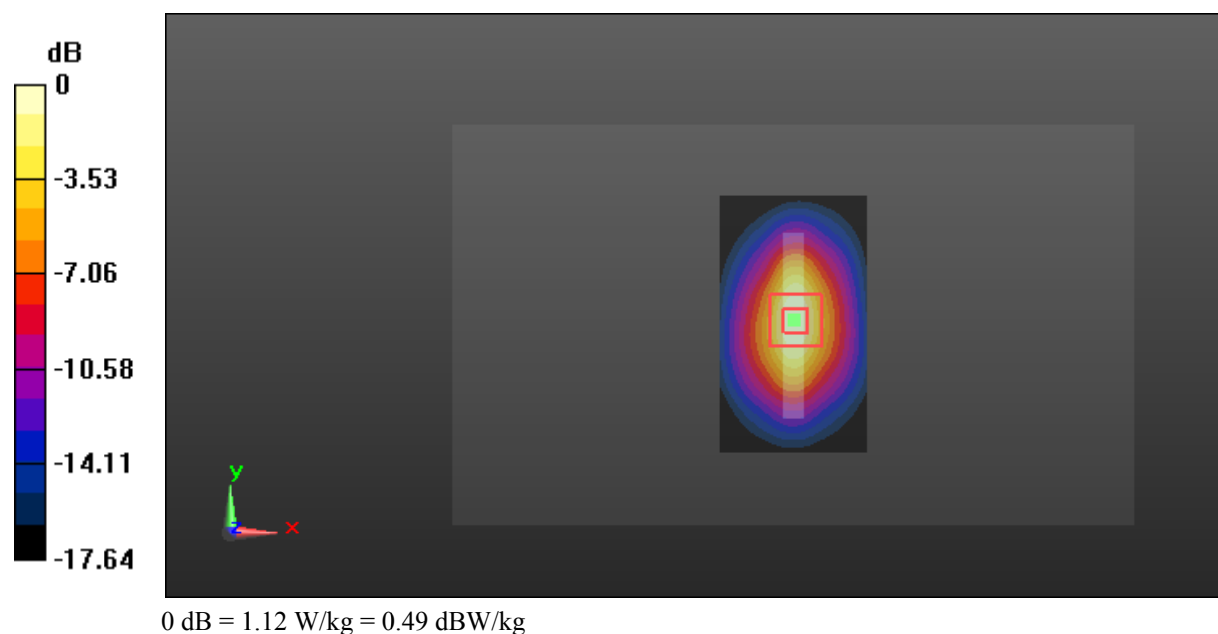
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.72 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.494 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



Test Plot 61#: LTE Band 2_Body Bottom_High Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: 1900 MHz; $\sigma = 1.534$ S/m; $\epsilon_r = 52.759$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.11 W/kg

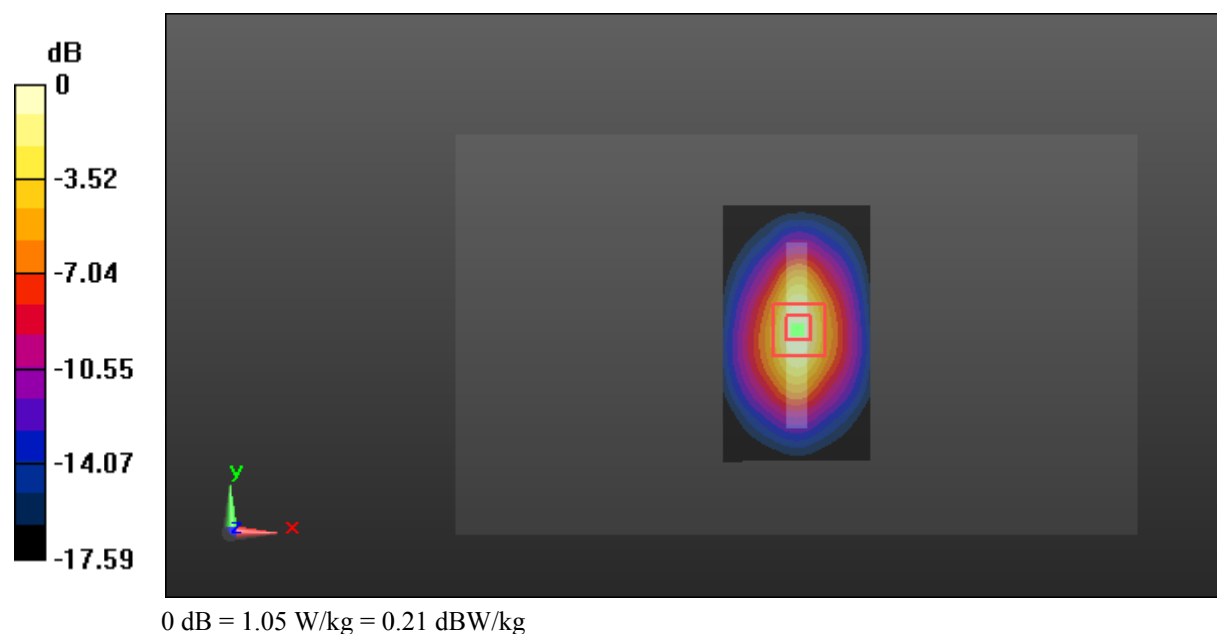
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.90 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.458 W/kg

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



Test Plot 62#: LTE Band 2_Body Bottom_Middle Channel_100%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: 1880 MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 52.764$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.889 W/kg

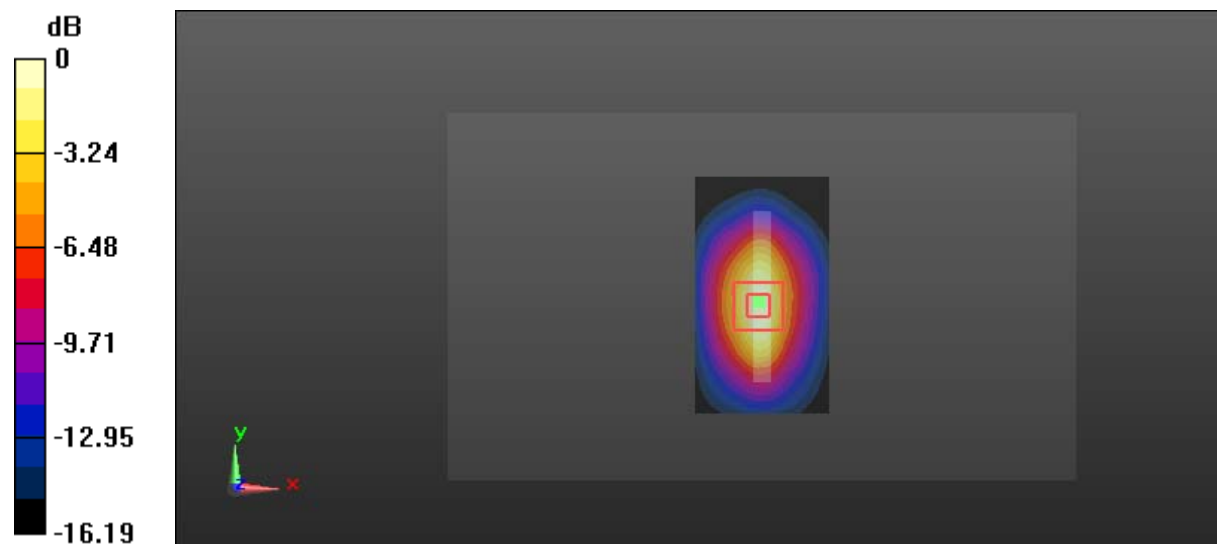
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.45 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.384 W/kg

Maximum value of SAR (measured) = 0.875 W/kg



0 dB = 0.875 W/kg = -0.58 dBW/kg

Test Plot 63#: LTE Band 4_Head Left Cheek_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.5 MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

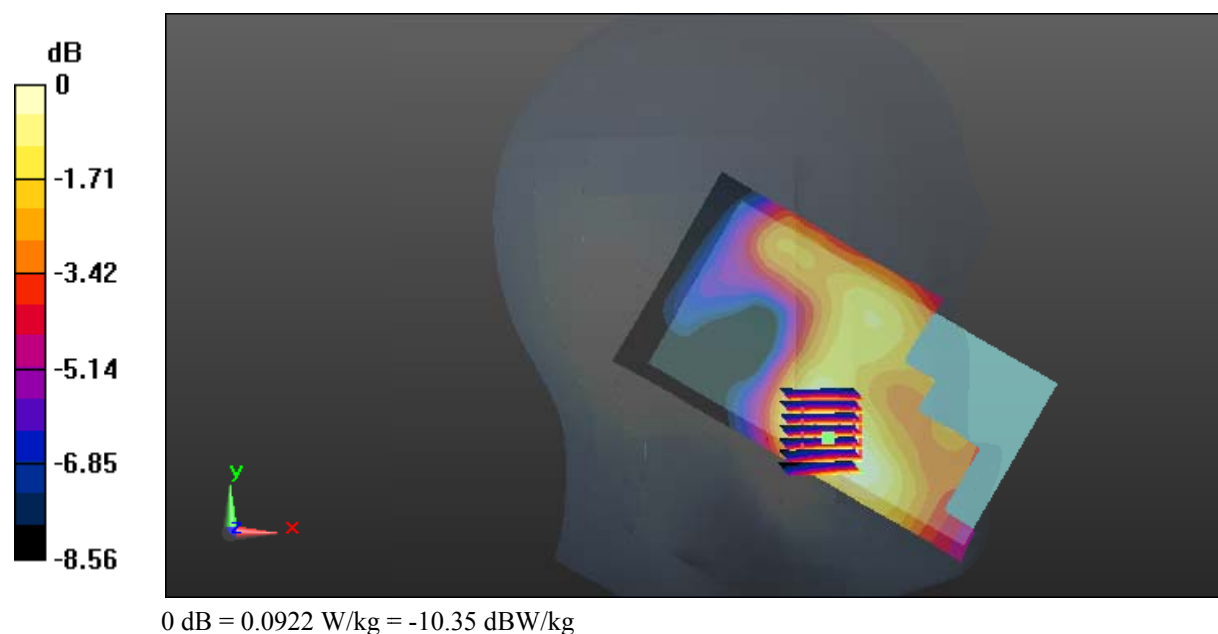
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.163 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.0922 W/kg



Test Plot 64#: LTE Band 4_Head Left Cheek_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.5 MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0915 W/kg

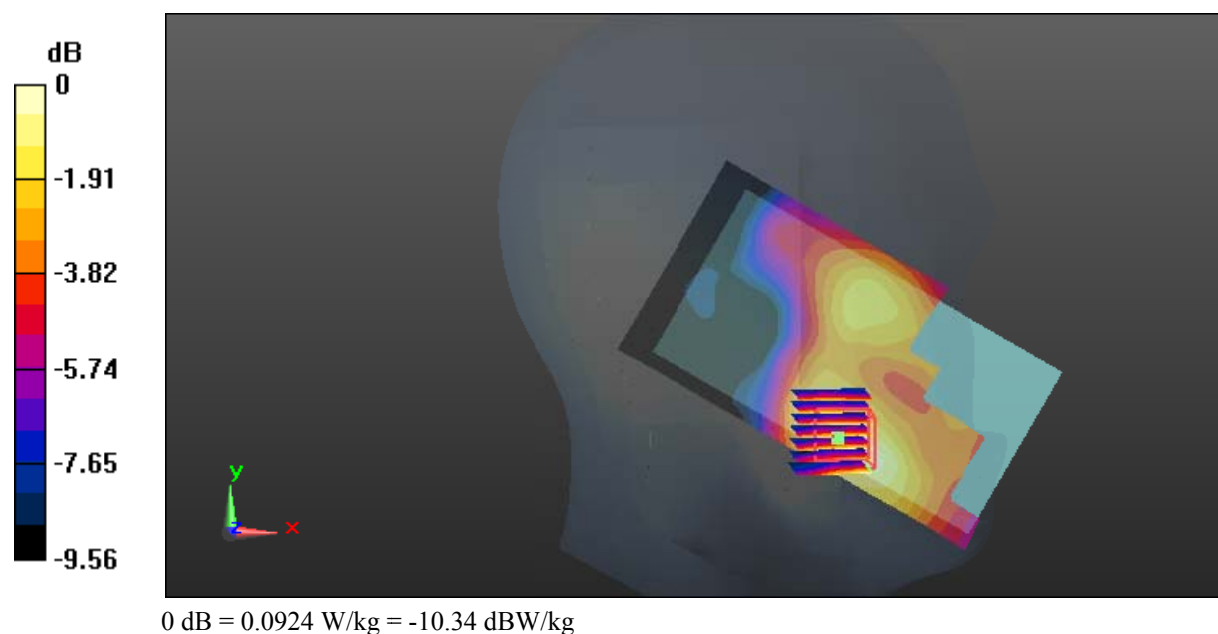
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.155 V/m; Power Drift = -1.43 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.0924 W/kg



Test Plot 65#: LTE Band 4_Head Left Tilt_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.5 MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0500 W/kg

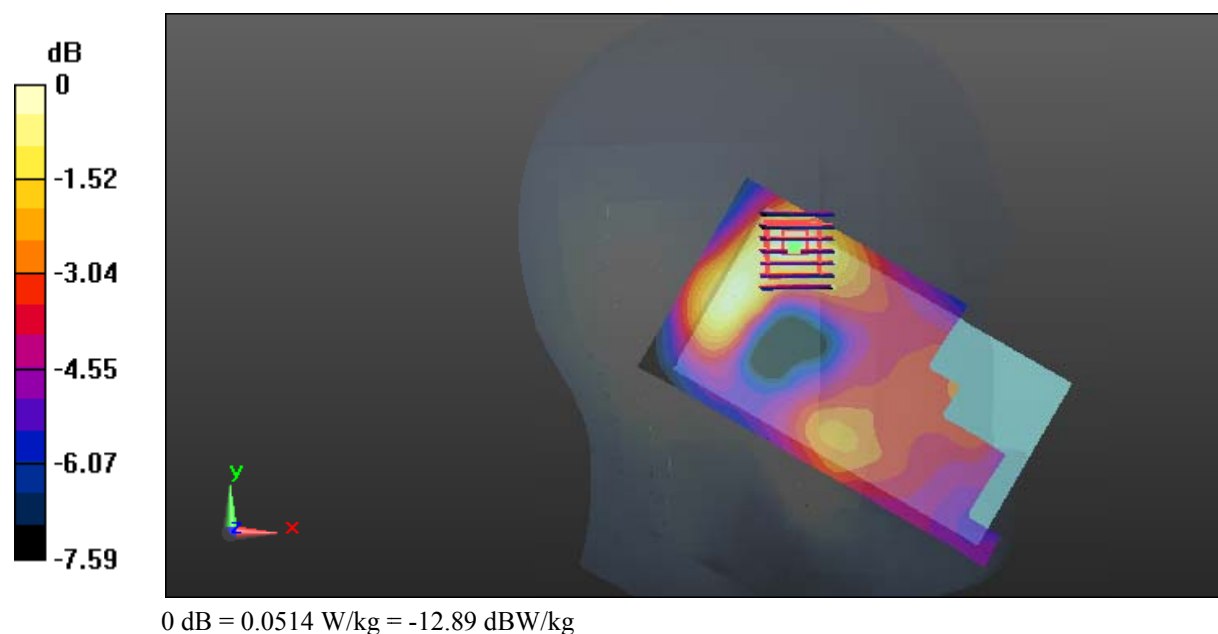
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.885 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0730 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0514 W/kg



Test Plot 66#: LTE Band 4_Head Left Tilt_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.5 MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0416 W/kg

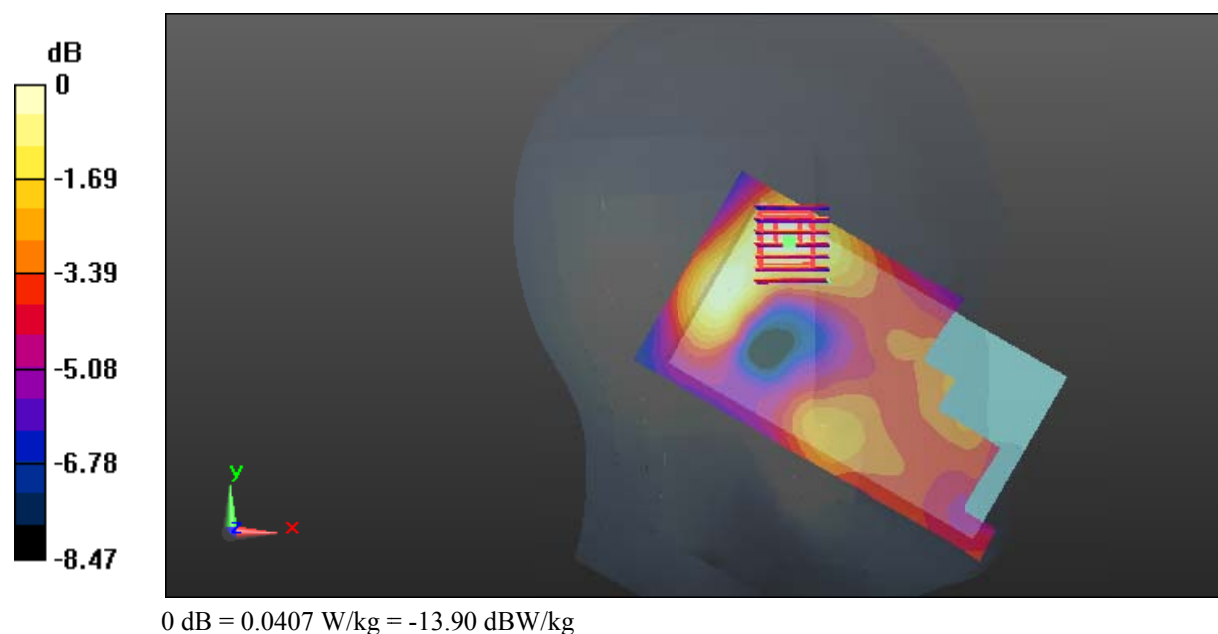
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.641 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0407 W/kg



Test Plot 67#: LTE Band 4_Head Right Cheek_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.5 MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.153 W/kg

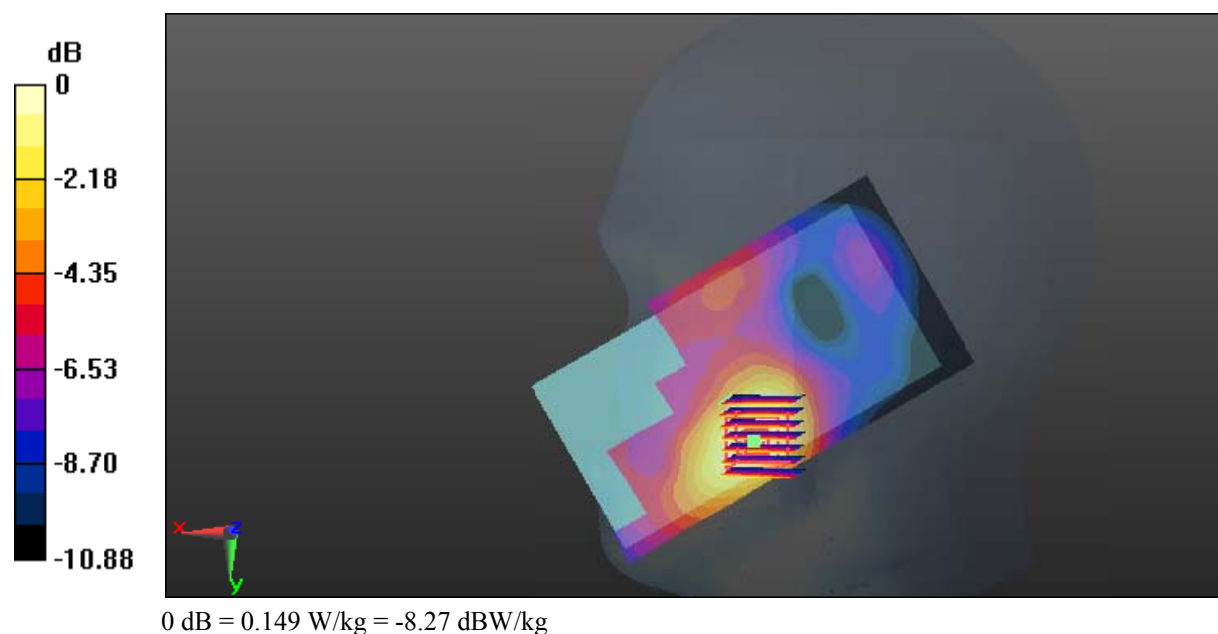
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.745 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.088 W/kg

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



Test Plot 68#: LTE Band 4_Head Right Cheek_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.5 MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

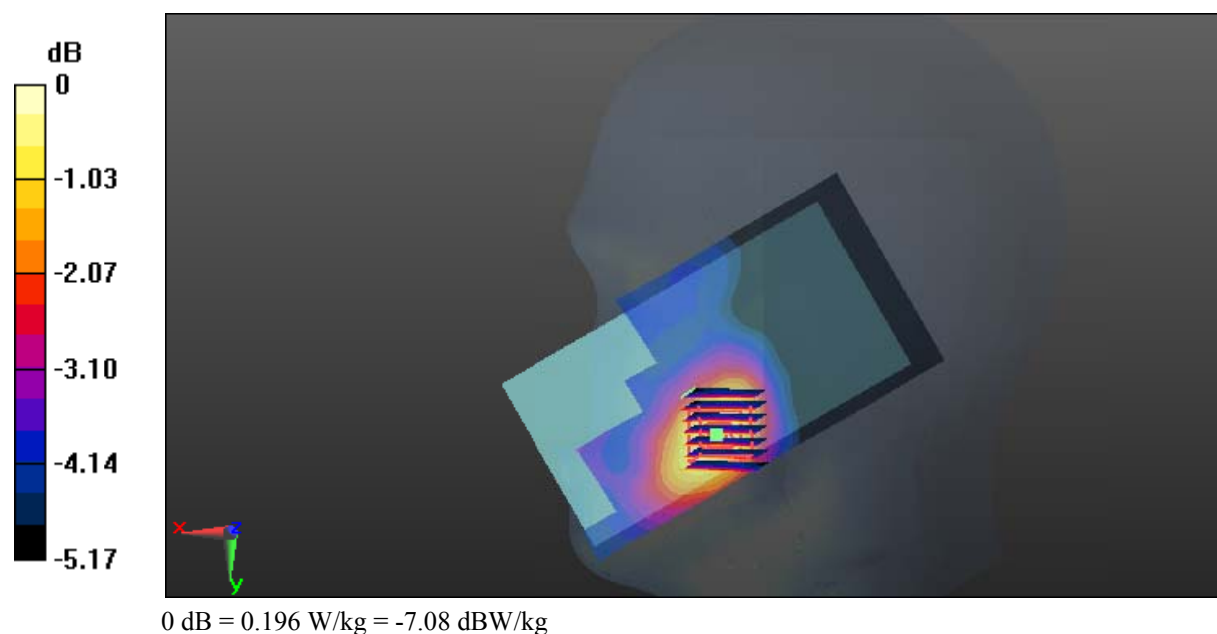
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.463 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.131 W/kg

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



Test Plot 69#: LTE Band 4_Head Right Tilt_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.5 MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0616 W/kg

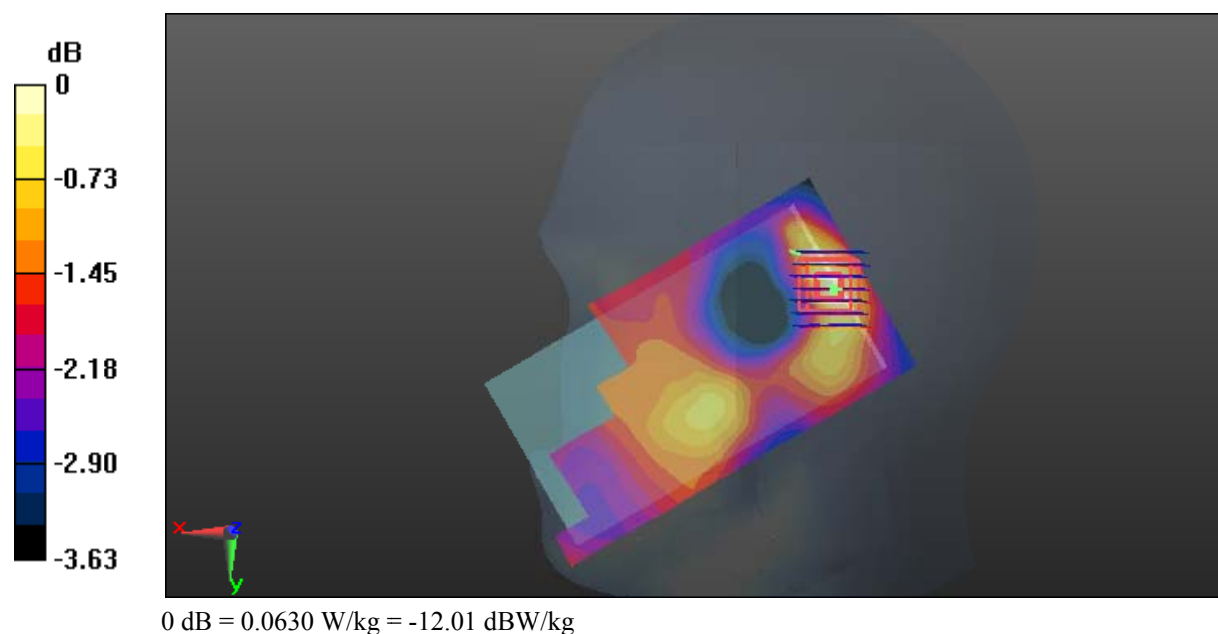
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.562 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.0970 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.0630 W/kg



Test Plot 70#: LTE Band 4_Head Right Tilt_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.5 MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0547 W/kg

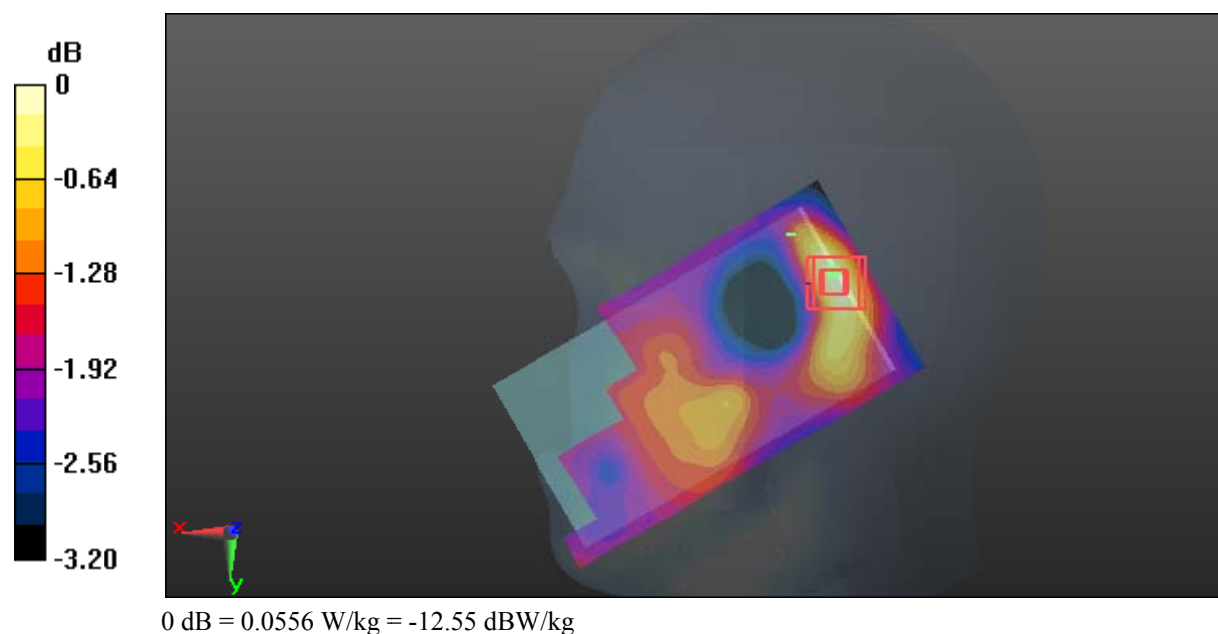
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.235 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0770 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.0556 W/kg



Test Plot 71#: LTE Band 4_Body Back_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.5 MHz; $\sigma = 1.5$ S/m; $\epsilon_r = 52.356$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.703 W/kg

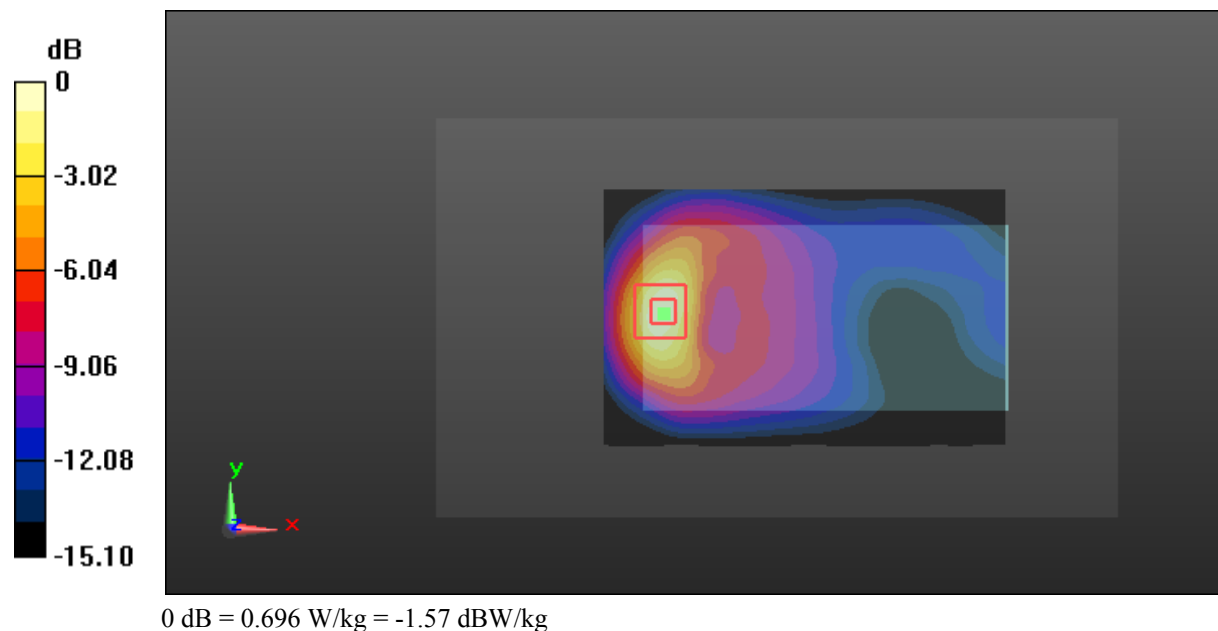
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.512 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.337 W/kg

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



Test Plot 72#: LTE Band 4_Body Back_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.5 MHz; $\sigma = 1.5$ S/m; $\epsilon_r = 52.356$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

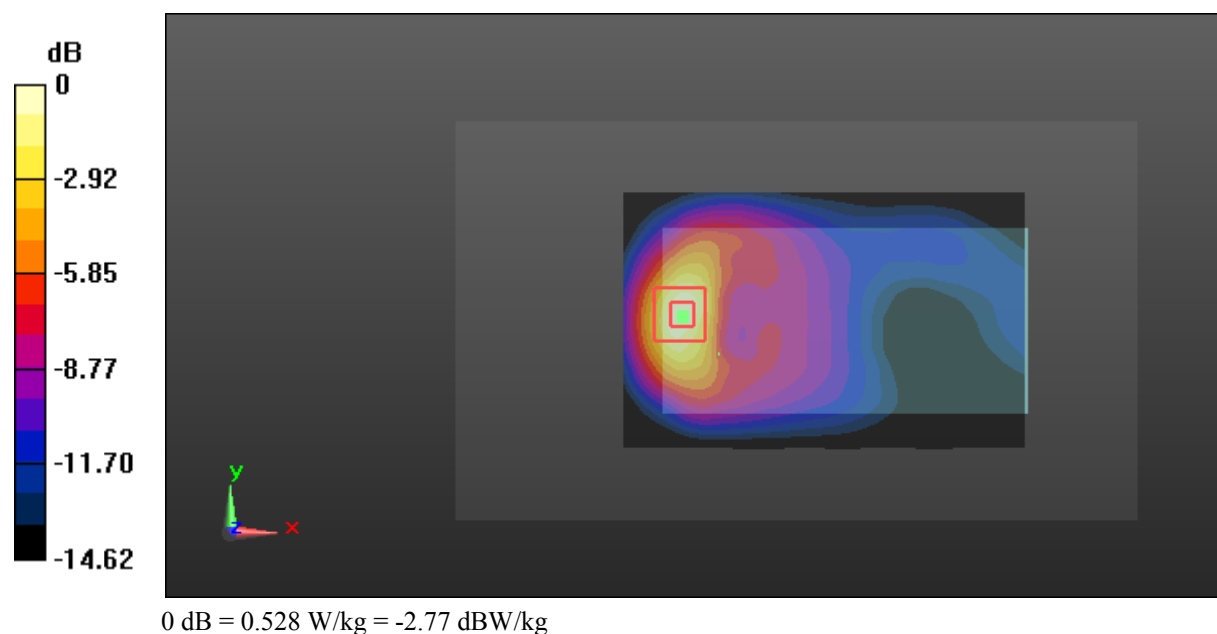
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.220 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (measured) = 0.528 W/kg



Test Plot 73#: LTE Band 4_Body Right_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.5 MHz; $\sigma = 1.5$ S/m; $\epsilon_r = 52.356$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.143 W/kg

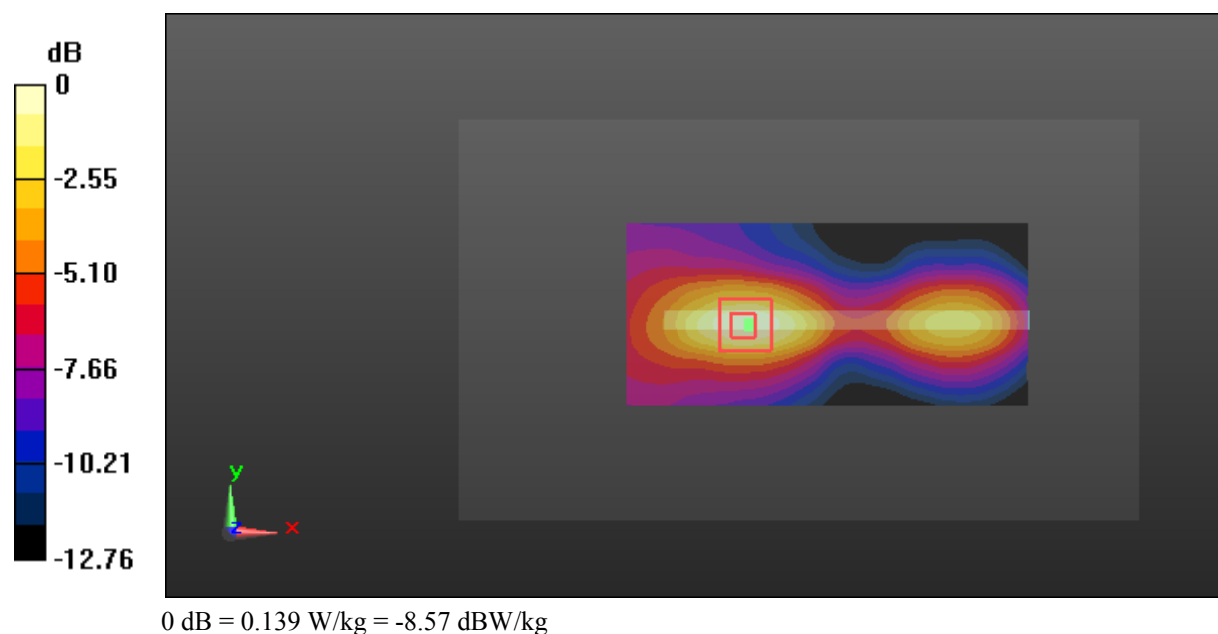
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.691 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.139 W/kg



Test Plot 74#: LTE Band 4_Body Right_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.5 MHz; $\sigma = 1.5$ S/m; $\epsilon_r = 52.356$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.114 W/kg

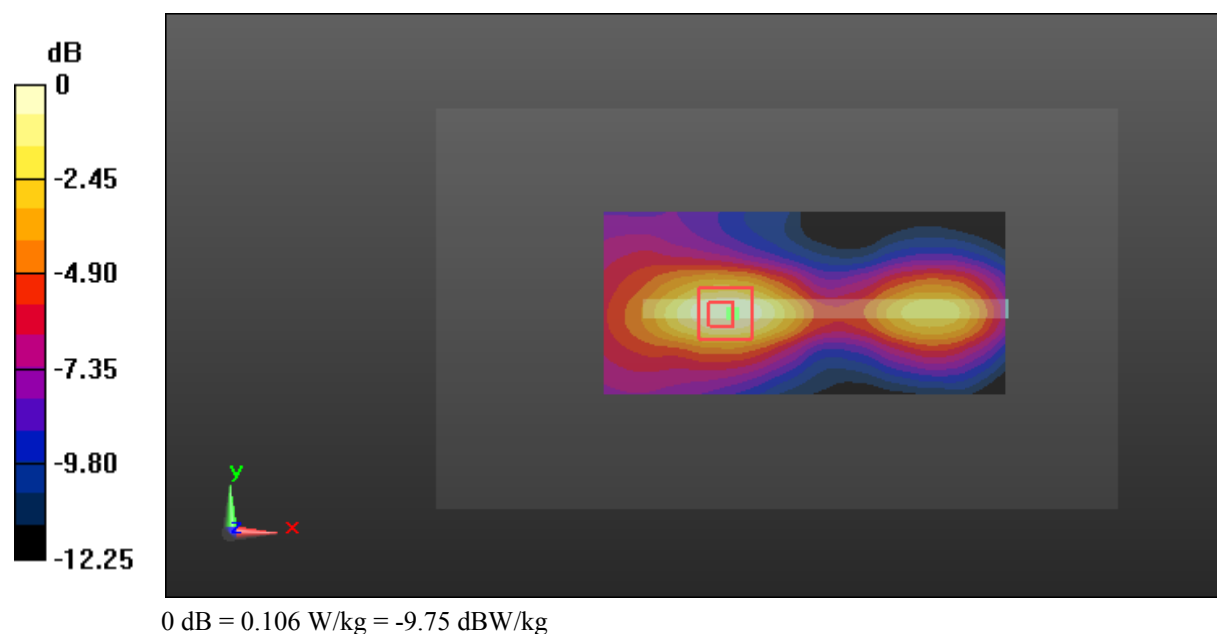
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.746 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.106 W/kg



Test Plot 75#: LTE Band 4_Body Bottom_Low Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: 1720 MHz; $\sigma = 1.483$ S/m; $\epsilon_r = 52.399$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

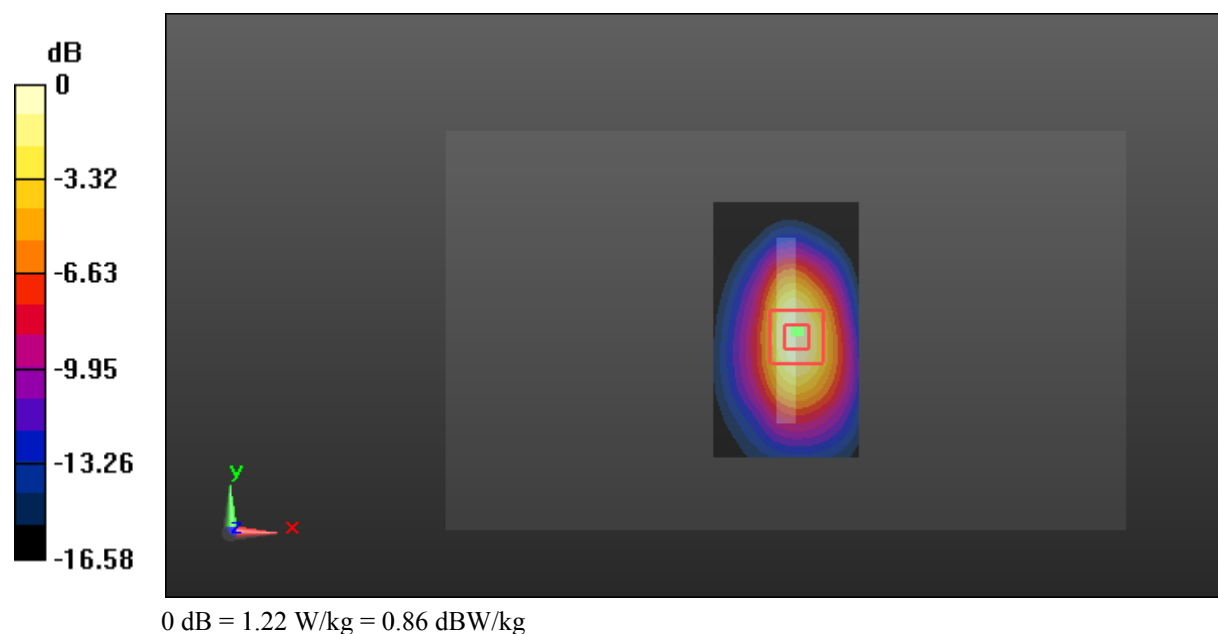
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.45 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.584 W/kg

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



Test Plot 76#: LTE Band 4_Body Bottom_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.5 MHz; $\sigma = 1.5$ S/m; $\epsilon_r = 52.356$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

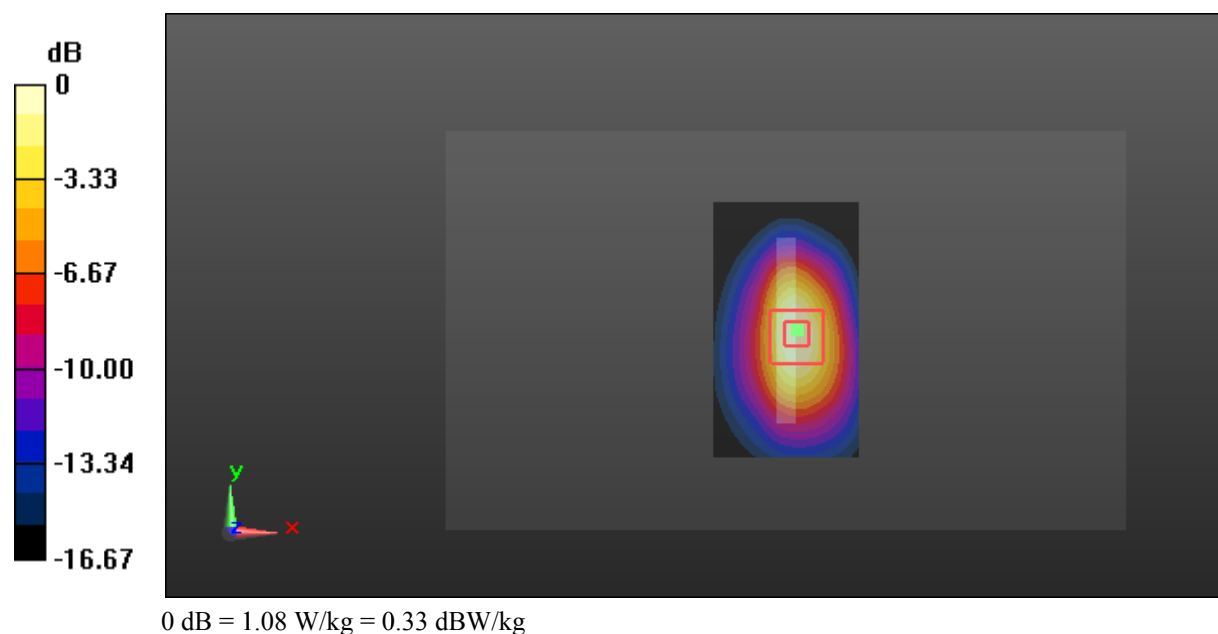
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.57 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.516 W/kg

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



Test Plot 77#: LTE Band 4_Body Bottom_High Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: 1745 MHz; $\sigma = 1.517$ S/m; $\epsilon_r = 52.276$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

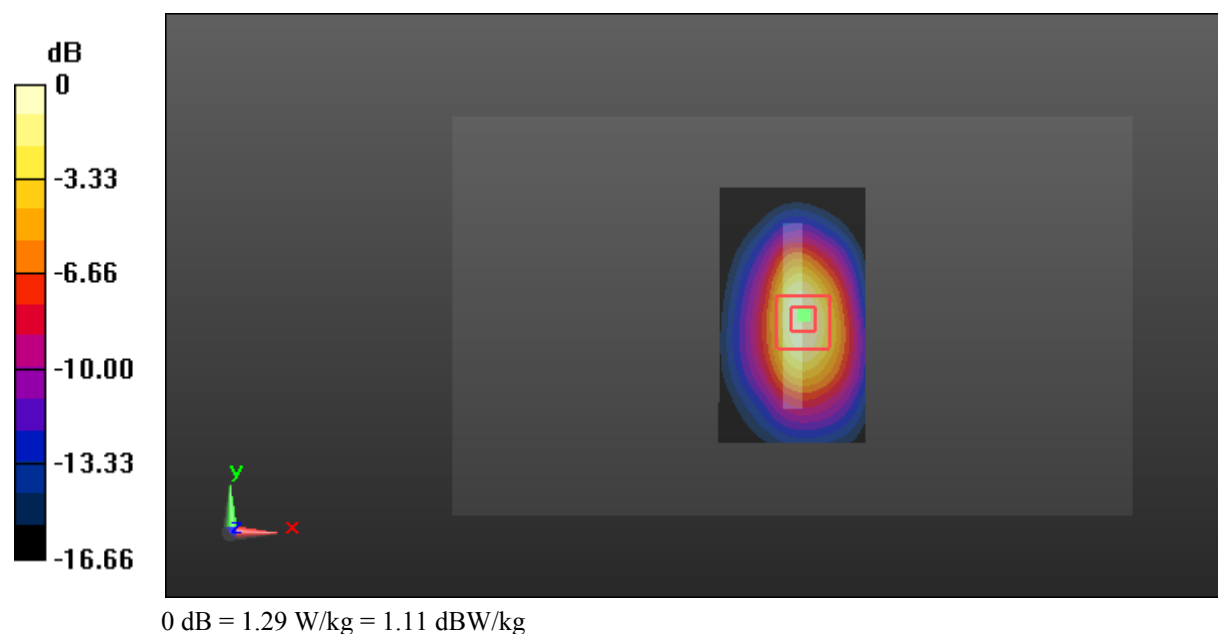
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.50 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.613 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



Test Plot 78#: LTE Band 4_Body Bottom_Low Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: 1720 MHz; $\sigma = 1.483$ S/m; $\epsilon_r = 52.399$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

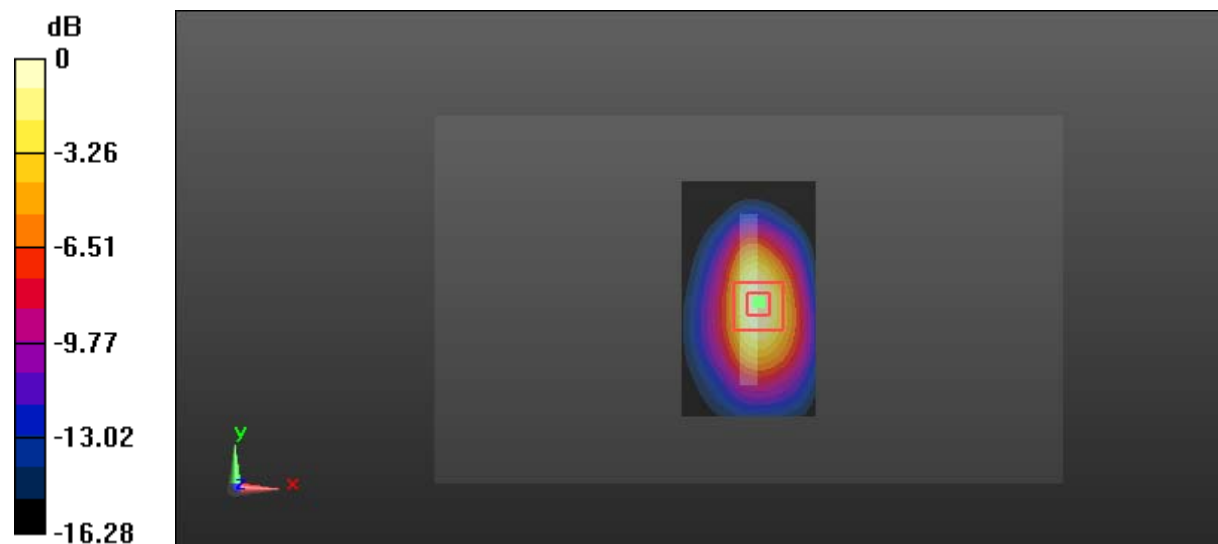
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.95 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.517 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

Test Plot 79#: LTE Band 4_Body Bottom_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: 1732.5 MHz; $\sigma = 1.5$ S/m; $\epsilon_r = 52.356$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.899 W/kg

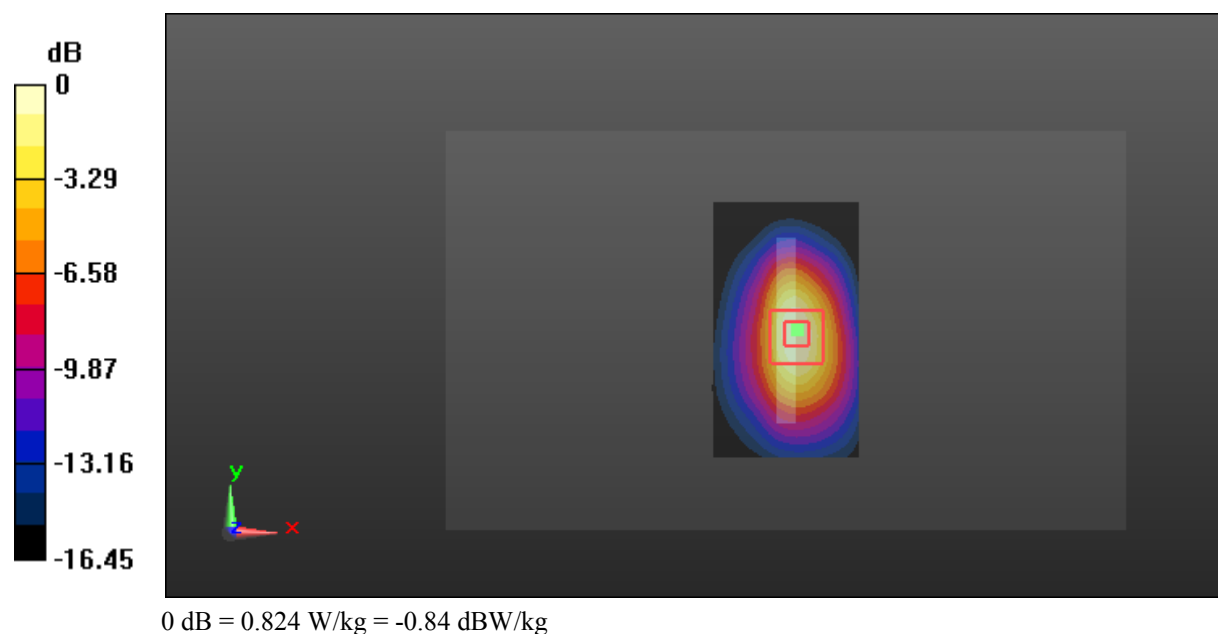
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.20 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.392 W/kg

Maximum value of SAR (measured) = 0.824 W/kg



Test Plot 80#: LTE Band 4_Body Bottom_High Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: 1745 MHz; $\sigma = 1.517$ S/m; $\epsilon_r = 52.276$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

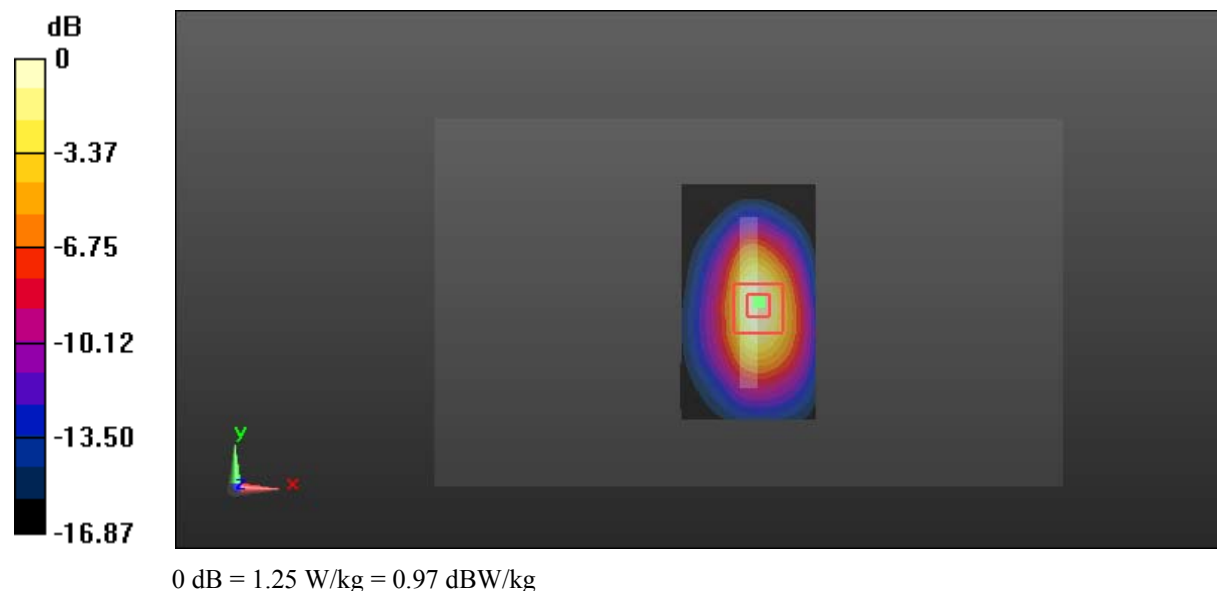
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.23 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.587 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



Test Plot 81#: LTE Band 4_Body Bottom_Low Channel_100%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: 1720 MHz; $\sigma = 1.483$ S/m; $\epsilon_r = 52.399$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

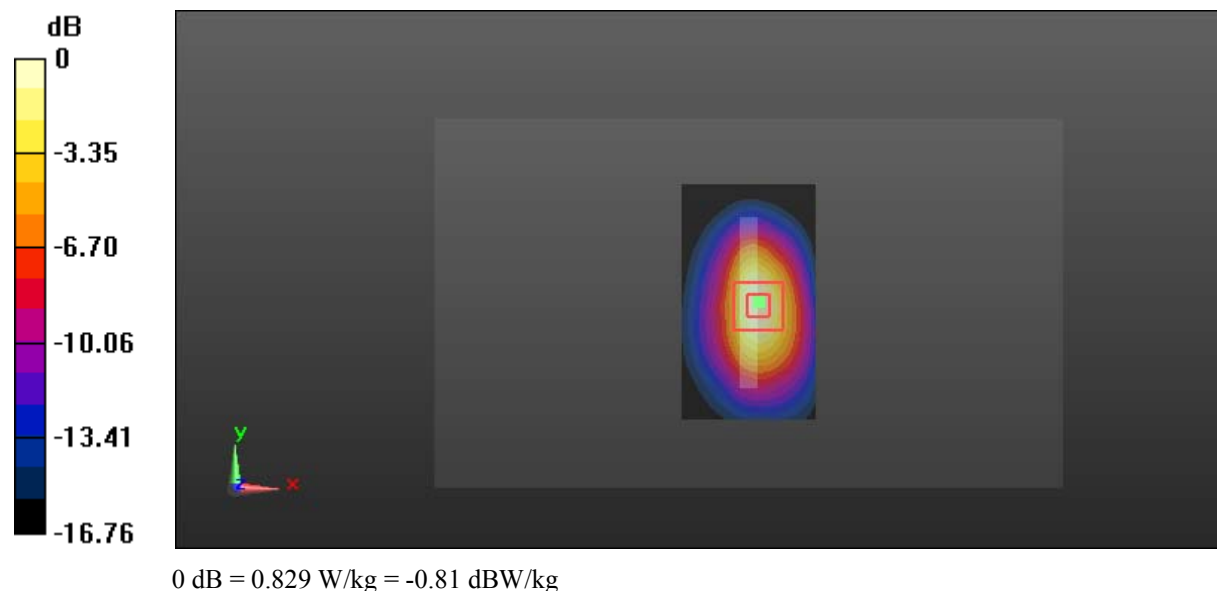
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.56 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.407 W/kg

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



Test Plot 82#: LTE Band 7_Head Left Cheek_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 38.43$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

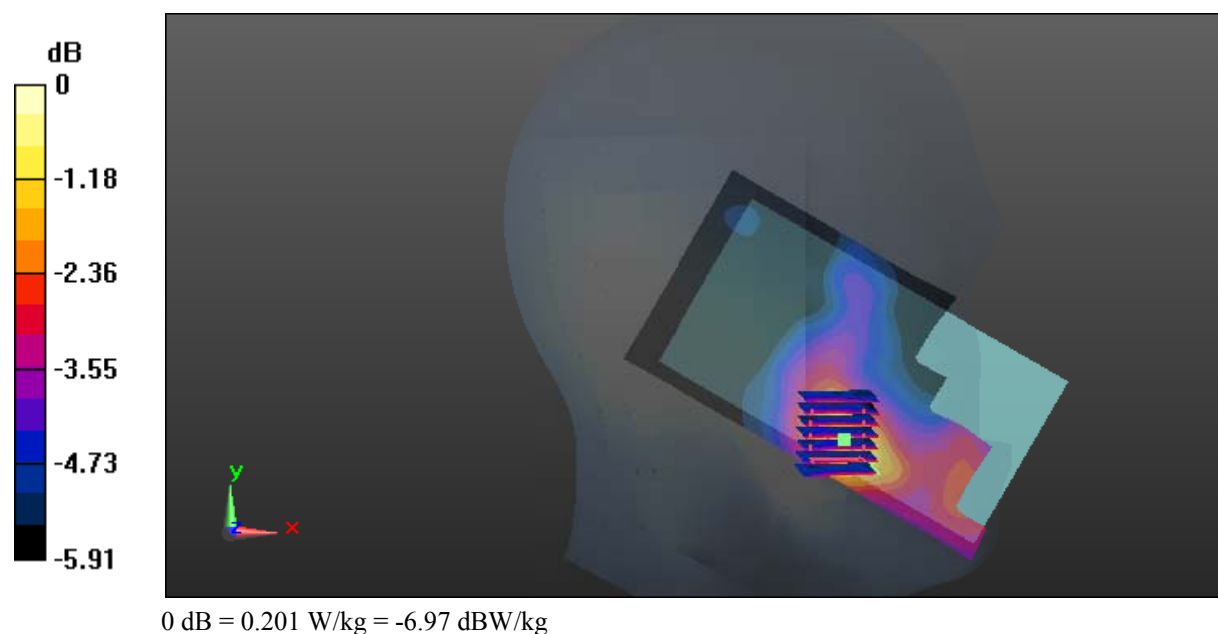
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.259 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.201 W/kg



Test Plot 83#: LTE Band 7_Head Left Cheek_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 38.43$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.192 W/kg

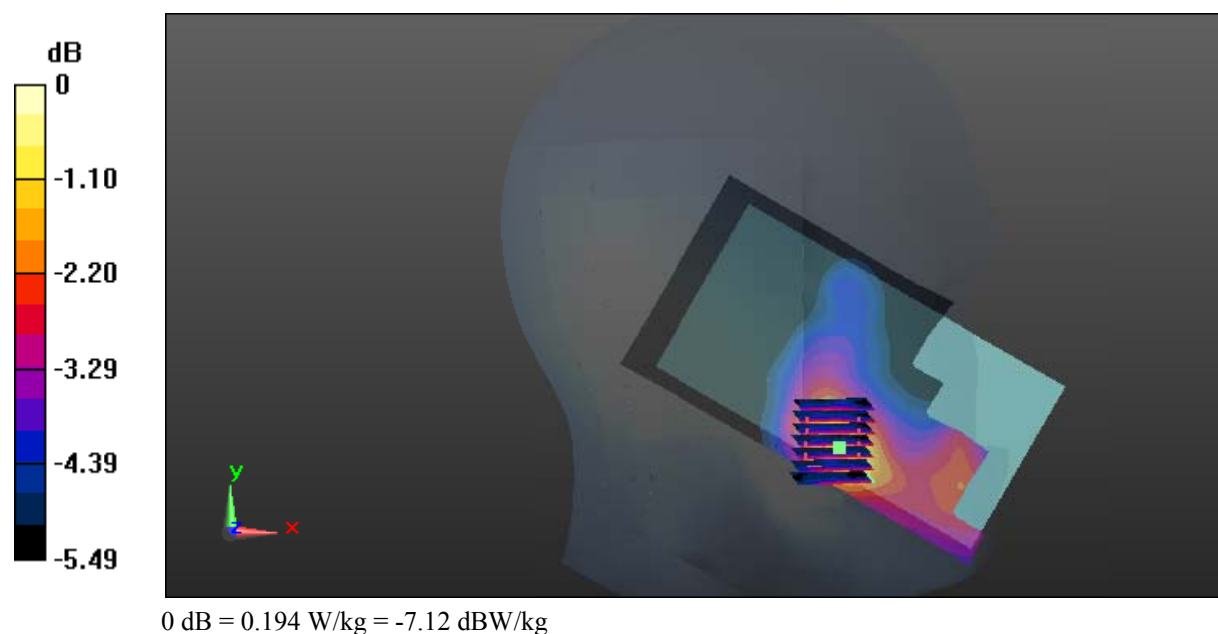
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.193 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.194 W/kg



Test Plot 84#: LTE Band 7_Head Left Tilt_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 38.43$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0806 W/kg

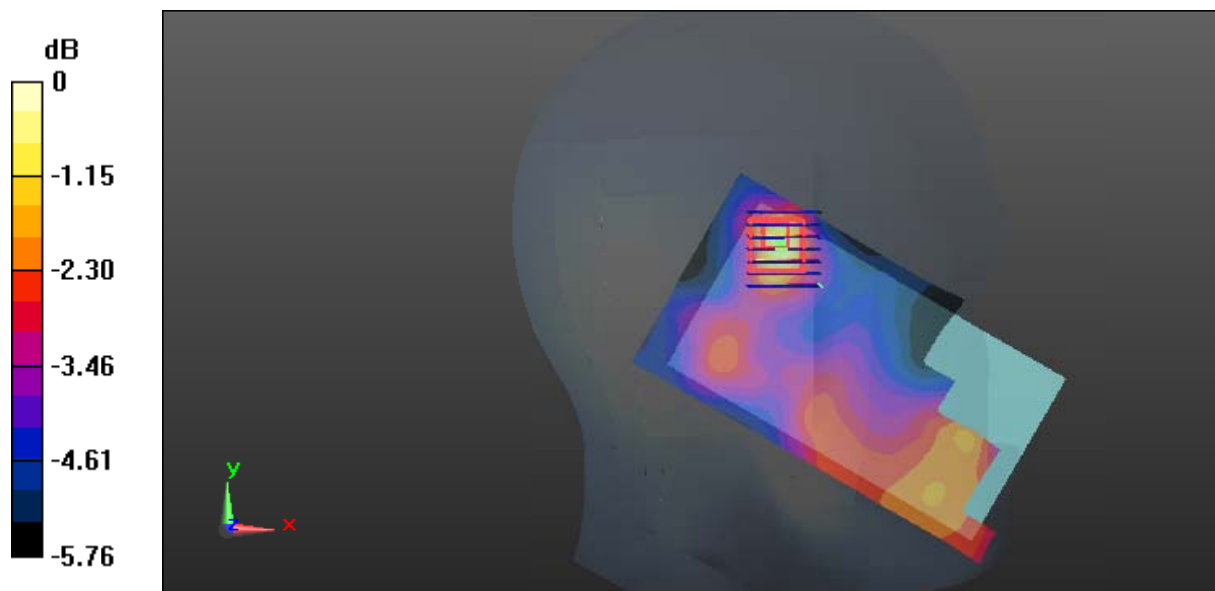
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.638 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.0886 W/kg



0 dB = 0.0886 W/kg = -10.53 dBW/kg

Test Plot 85#: LTE Band 7_Head Left Tilt_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 38.43$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0668 W/kg

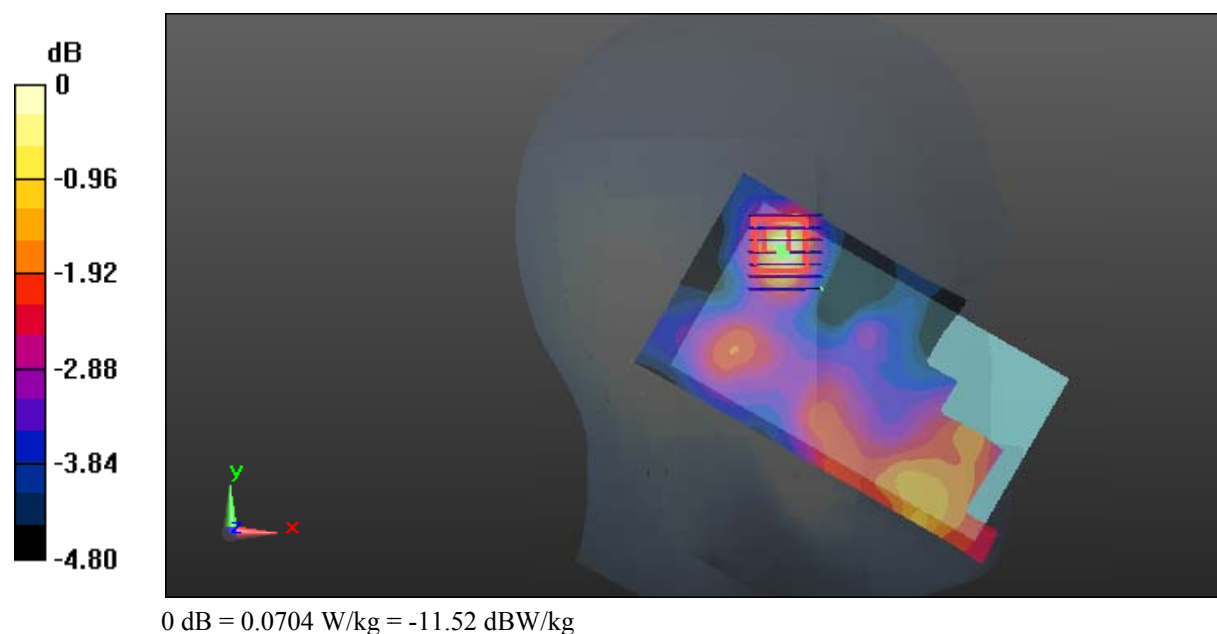
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.413 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.0704 W/kg



Test Plot 86#: LTE Band 7_Head Right Cheek_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 38.43$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

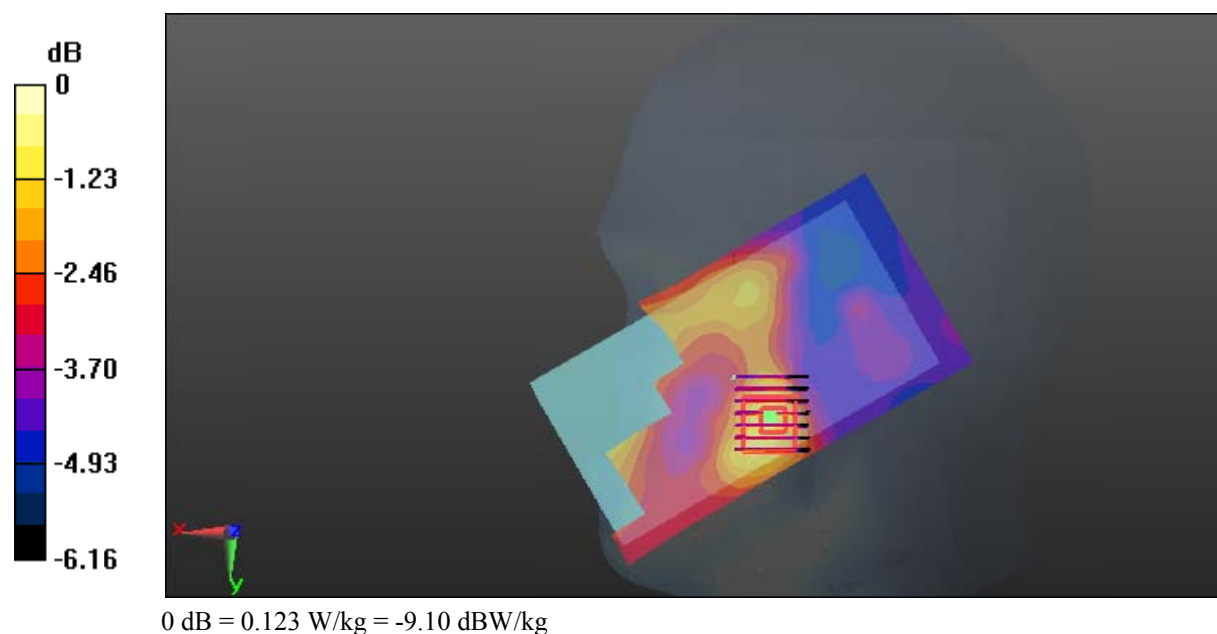
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.247 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.123 W/kg



Test Plot 87#: LTE Band 7_Head Right Cheek_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 38.43$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0642 W/kg

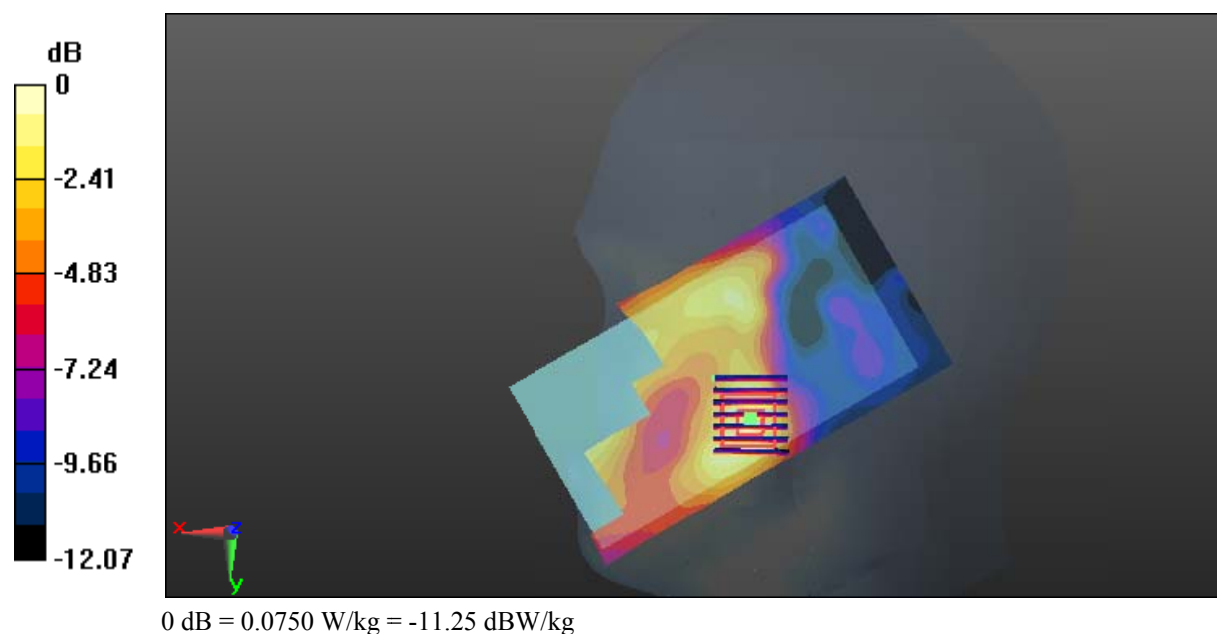
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.896 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0750 W/kg



Test Plot 88#: LTE Band 7_Head Right Tilt_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 38.43$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0575 W/kg

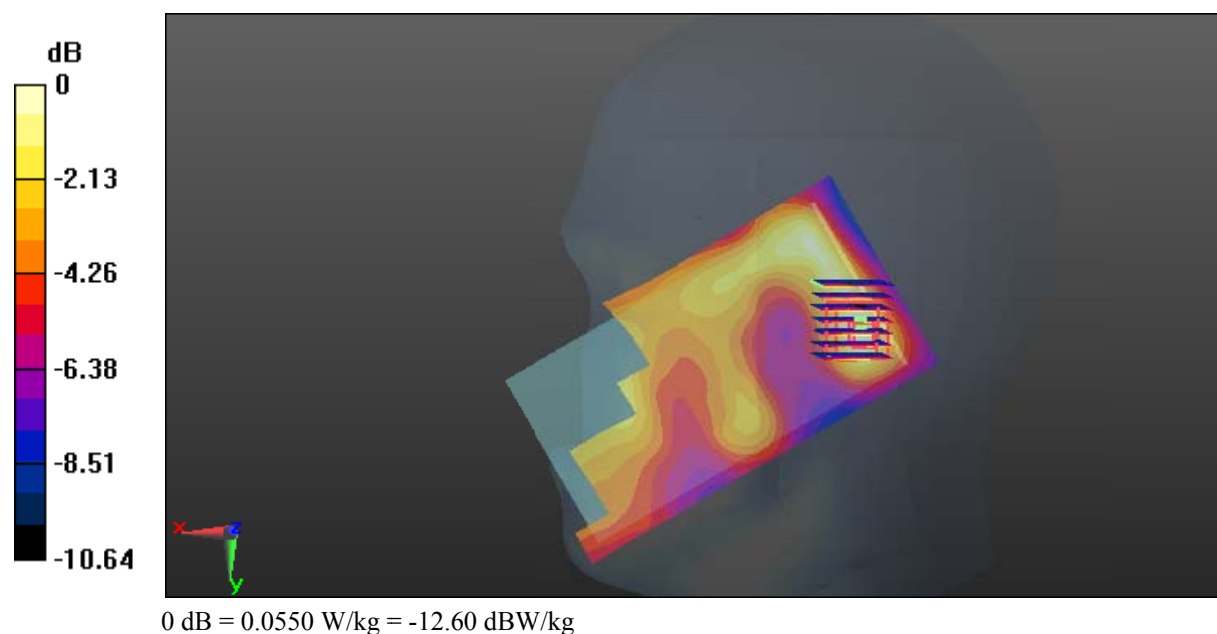
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.600 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.0550 W/kg



Test Plot 89#: LTE Band 7_Head Right Tilt_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 38.43$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0464 W/kg

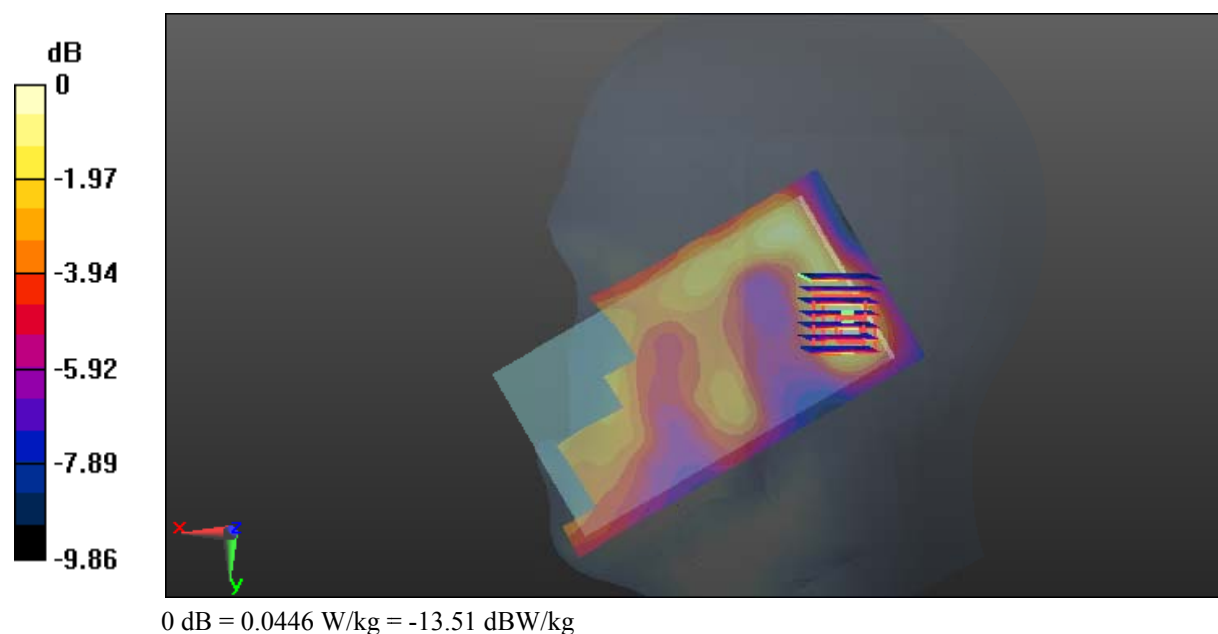
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.340 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0730 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0446 W/kg



Test Plot 90#: LTE Band 7_Body Back_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 2.105 \text{ S/m}$; $\epsilon_r = 51.669$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.534 W/kg

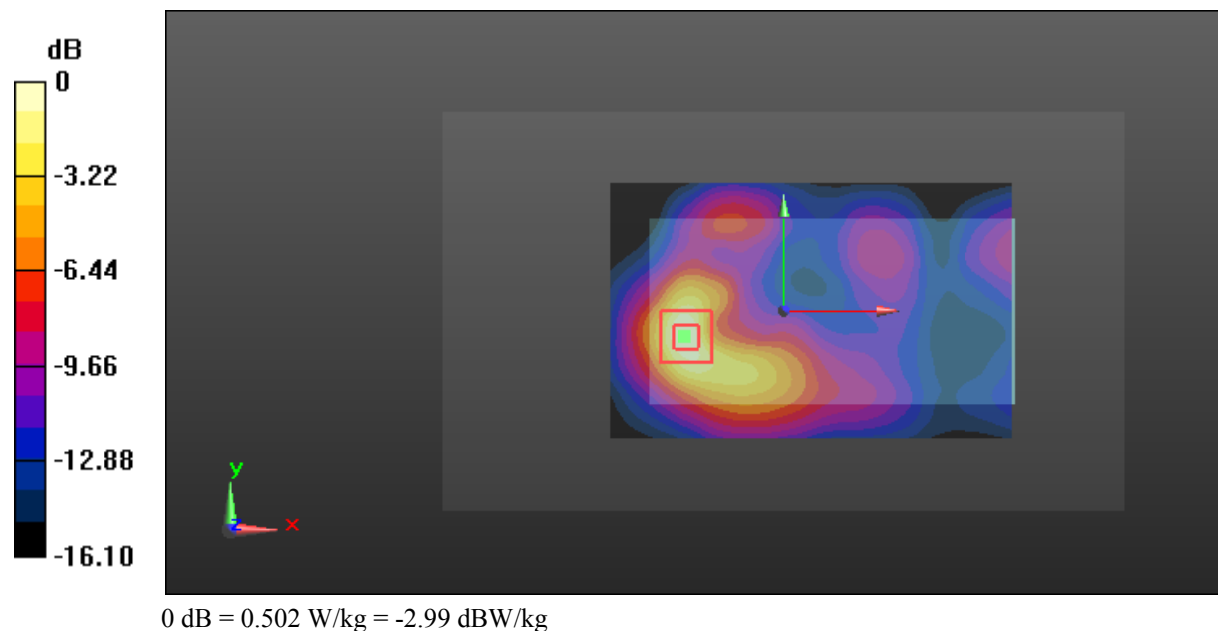
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.871 V/m; Power Drift = 0.22 dB

Peak SAR (extrapolated) = 0.912 W/kg

SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.213 W/kg

Maximum value of SAR (measured) = 0.502 W/kg

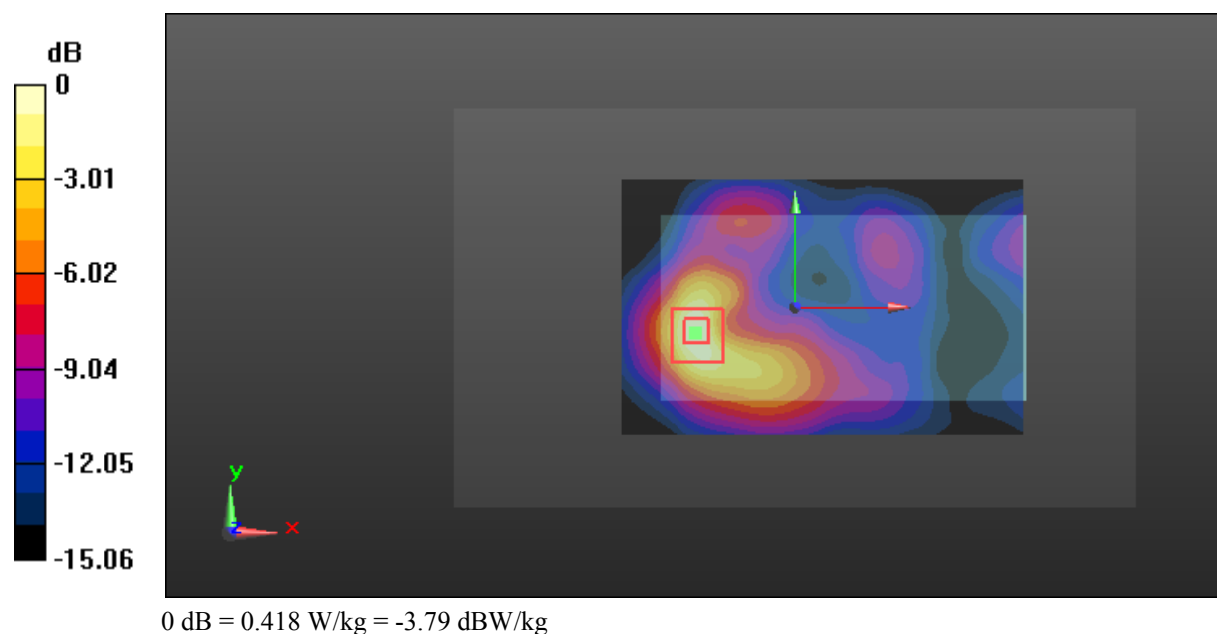


Test Plot 91#: LTE Band 7_Body Back_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 2.105 \text{ S/m}$; $\epsilon_r = 51.669$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.423 W/kg **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 4.558 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 0.694 W/kg **SAR(1 g) = 0.367 W/kg ; SAR(10 g) = 0.184 W/kg** Maximum value of SAR (measured) = 0.418 W/kg 

Test Plot 92#: LTE Band 7_Body Right_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 2.105 \text{ S/m}$; $\epsilon_r = 51.669$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0751 W/kg

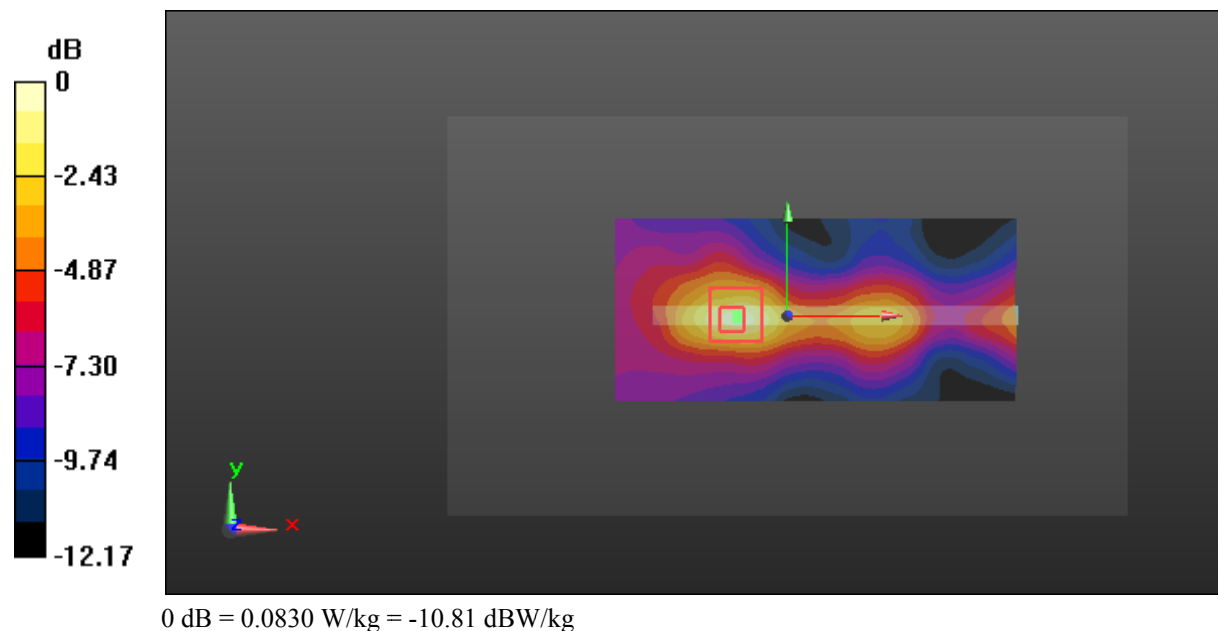
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.875 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0830 W/kg



Test Plot 93#: LTE Band 7_Body Right_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 2.105$ S/m; $\epsilon_r = 51.669$; $\rho = 1000$ kg/m³ ;
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0687 W/kg

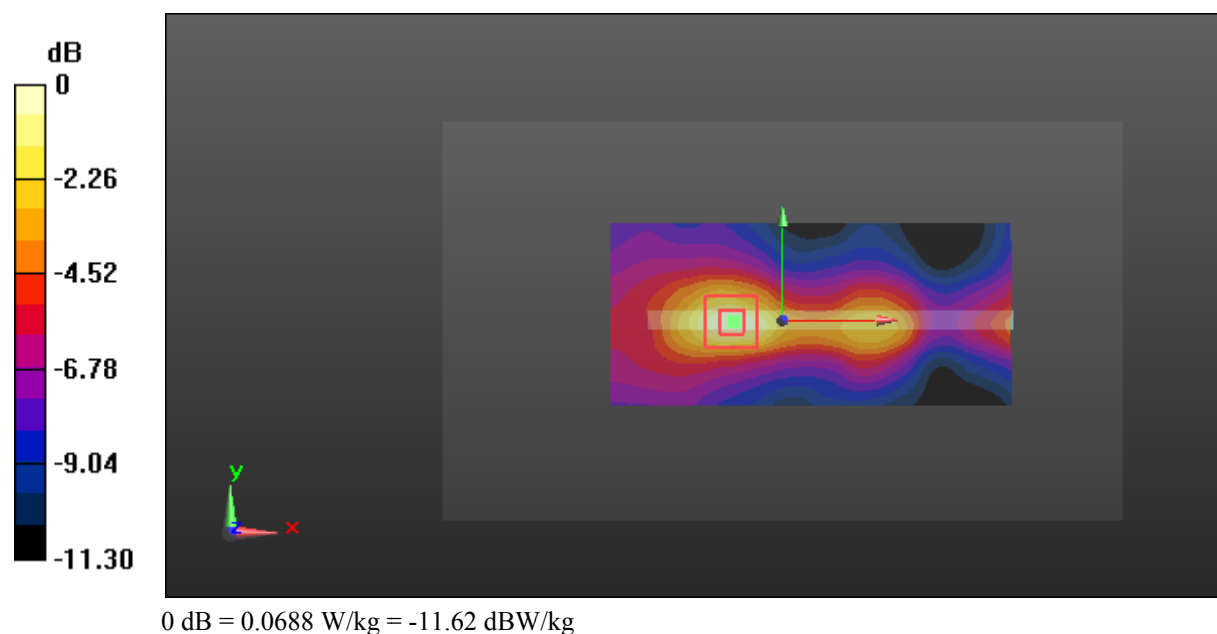
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.527 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.0688 W/kg



Test Plot 94#: LTE Band 7_Body Bottom_Low Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2510 MHz; Duty Cycle: 1:1
Medium parameters used: 2510 MHz; $\sigma = 2.065$ S/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³ ;
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

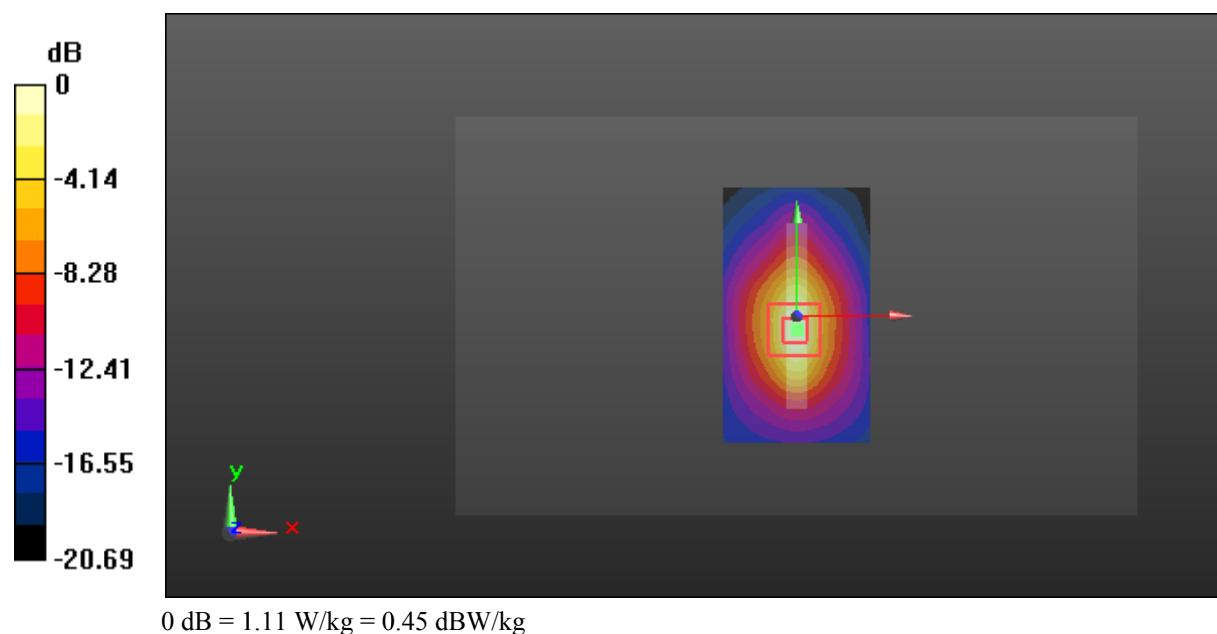
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.45 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.429 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



Test Plot 95#: LTE Band 7_Body Bottom_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 2.105 \text{ S/m}$; $\epsilon_r = 51.669$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

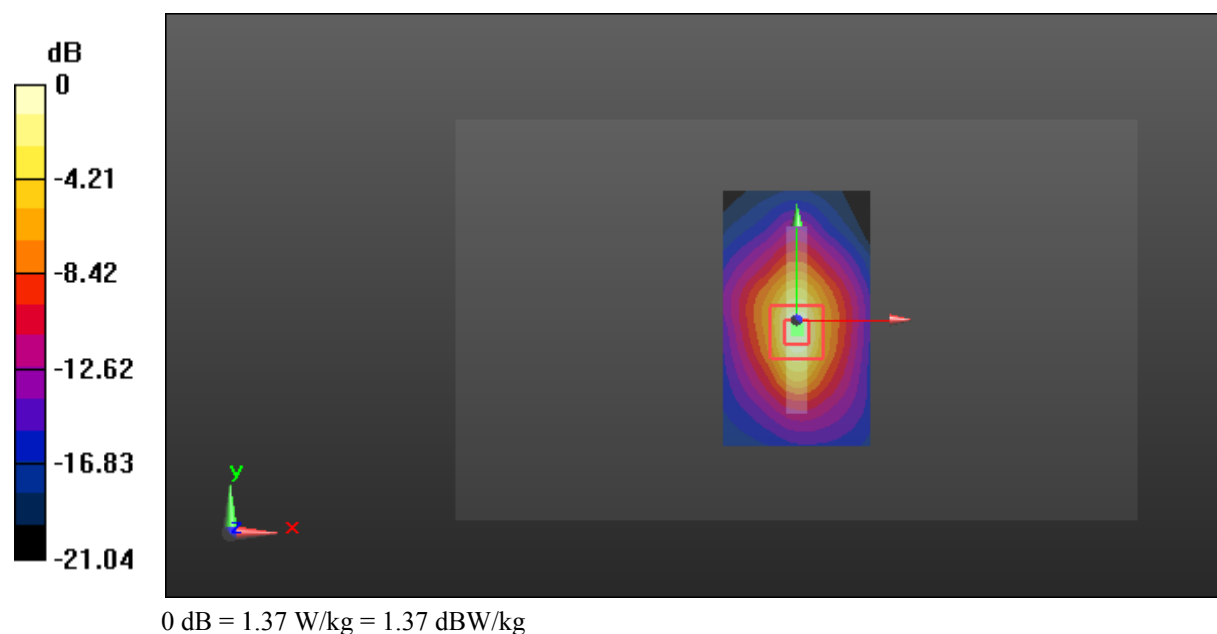
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.33 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.41 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.496 W/kg

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



Test Plot 96#: LTE Band 7_Body Bottom_High Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2560 MHz; Duty Cycle: 1:1
Medium parameters used: 2560 MHz; $\sigma = 2.129 \text{ S/m}$; $\epsilon_r = 51.45$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

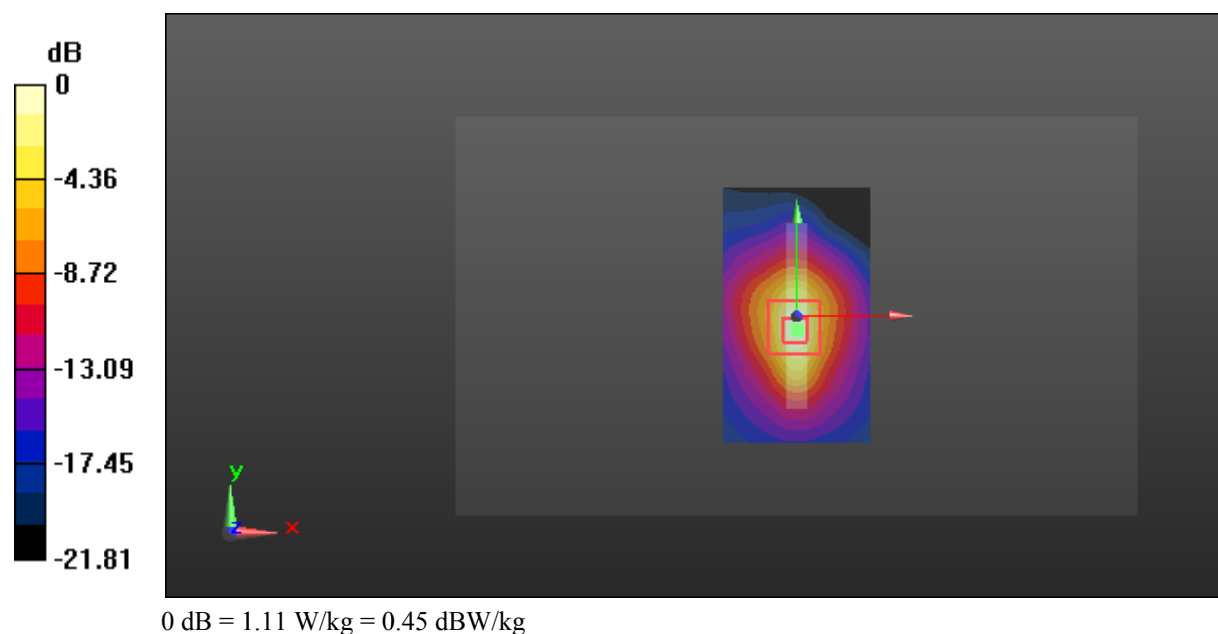
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.50 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.411 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



Test Plot 97#: LTE Band 7_Body Bottom_Low Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2510 MHz; Duty Cycle: 1:1
Medium parameters used: 2510 MHz; $\sigma = 2.065$ S/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³ ;
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.860 W/kg

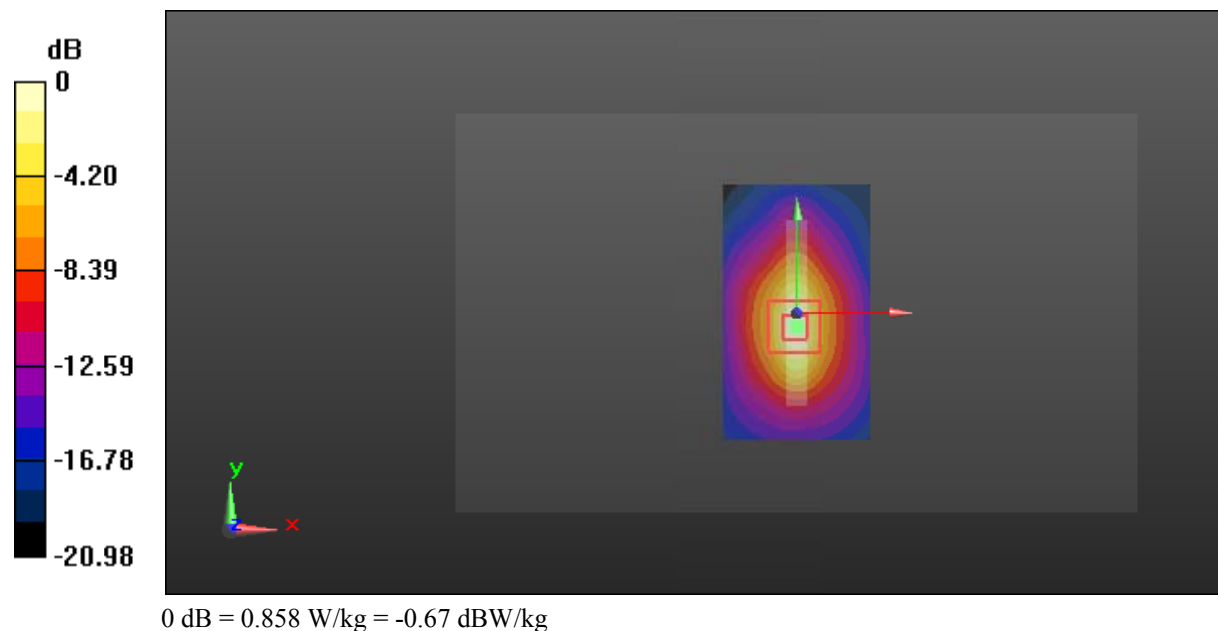
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.77 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (measured) = 0.858 W/kg



Test Plot 98#: LTE Band 7_Body Bottom_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 2.105 \text{ S/m}$; $\epsilon_r = 51.669$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.890 W/kg

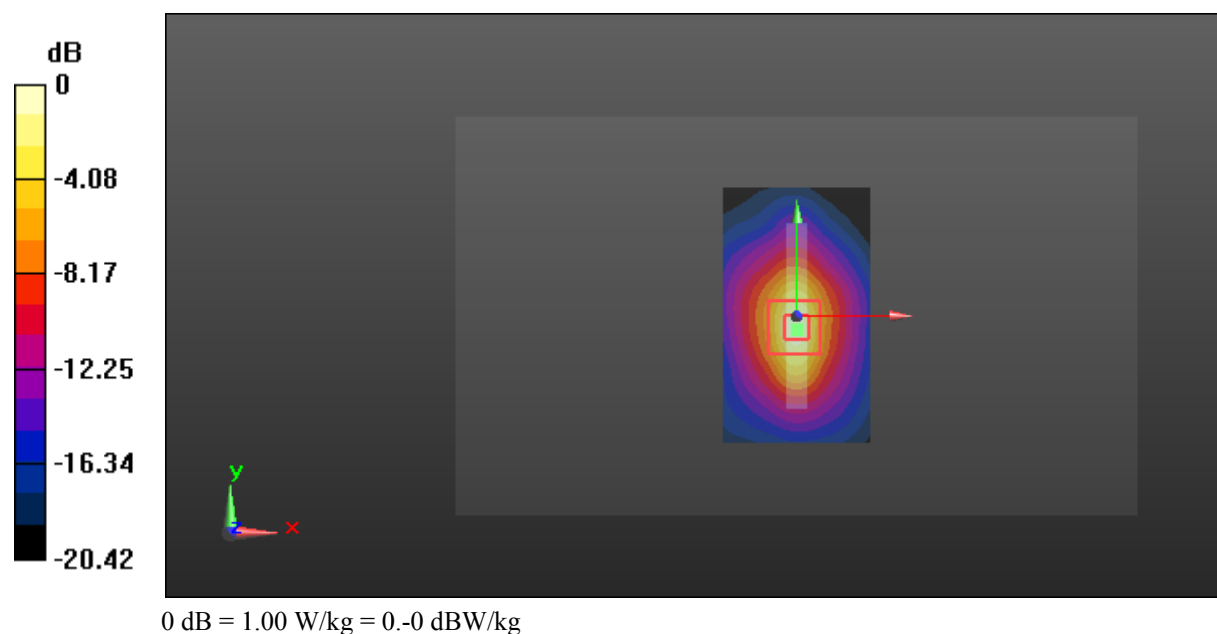
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.39 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.400 W/kg

Maximum value of SAR (measured) = 1.00 W/kg



Test Plot 99#: LTE Band 7_Body Bottom_High Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2560 MHz; Duty Cycle: 1:1
Medium parameters used: 2560 MHz; $\sigma = 2.129 \text{ S/m}$; $\epsilon_r = 51.45$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.907 W/kg

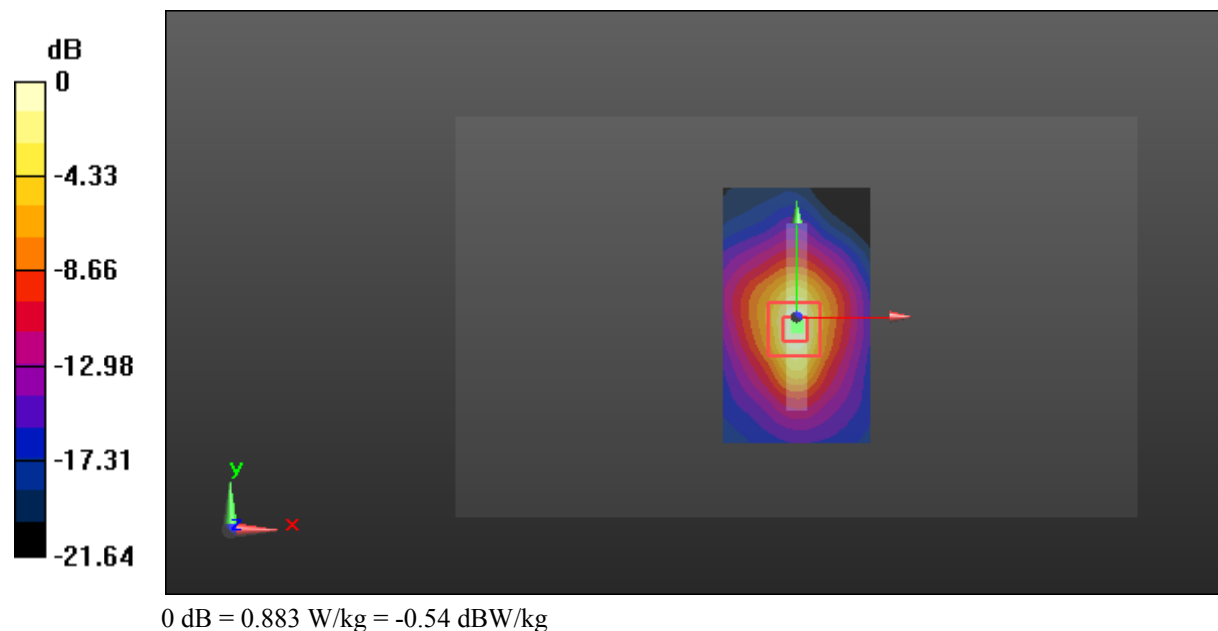
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.35 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.332 W/kg

Maximum value of SAR (measured) = 0.883 W/kg



Test Plot 100#: LTE Band 7_Body Bottom_Middle Channel_100%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: 2535 MHz; $\sigma = 2.105$ S/m; $\epsilon_r = 51.669$; $\rho = 1000$ kg/m³ ;
Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.844 W/kg

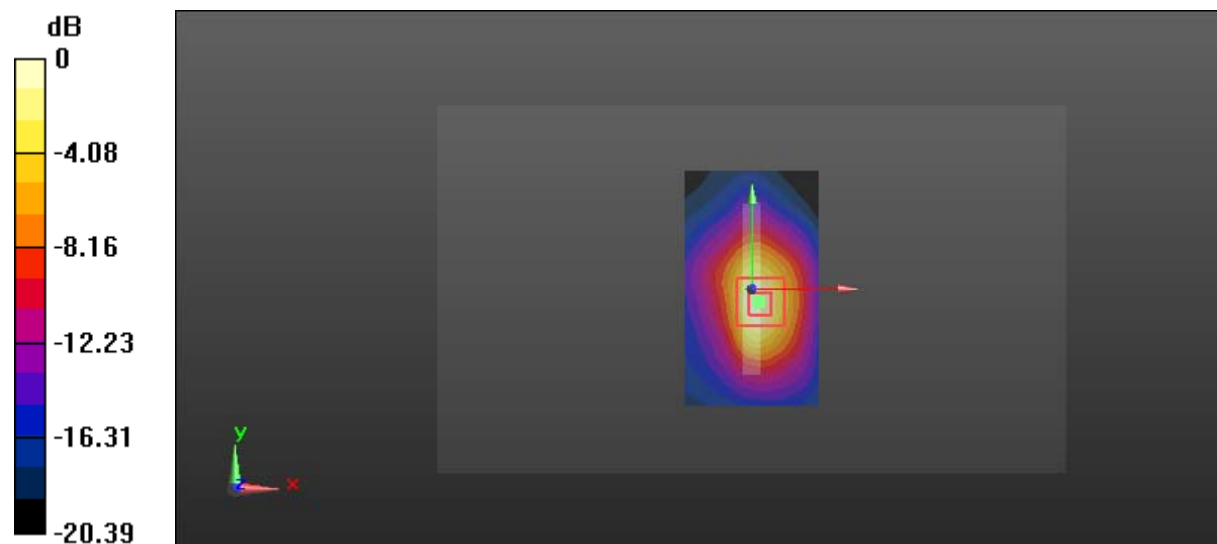
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.84 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.382 W/kg

Maximum value of SAR (measured) = 0.854 W/kg



0 dB = 0.854 W/kg = -0.69 dBW/kg

Test Plot 101#: LTE Band 12_Head Left Cheek_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: 707.5 MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.769$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.166 W/kg

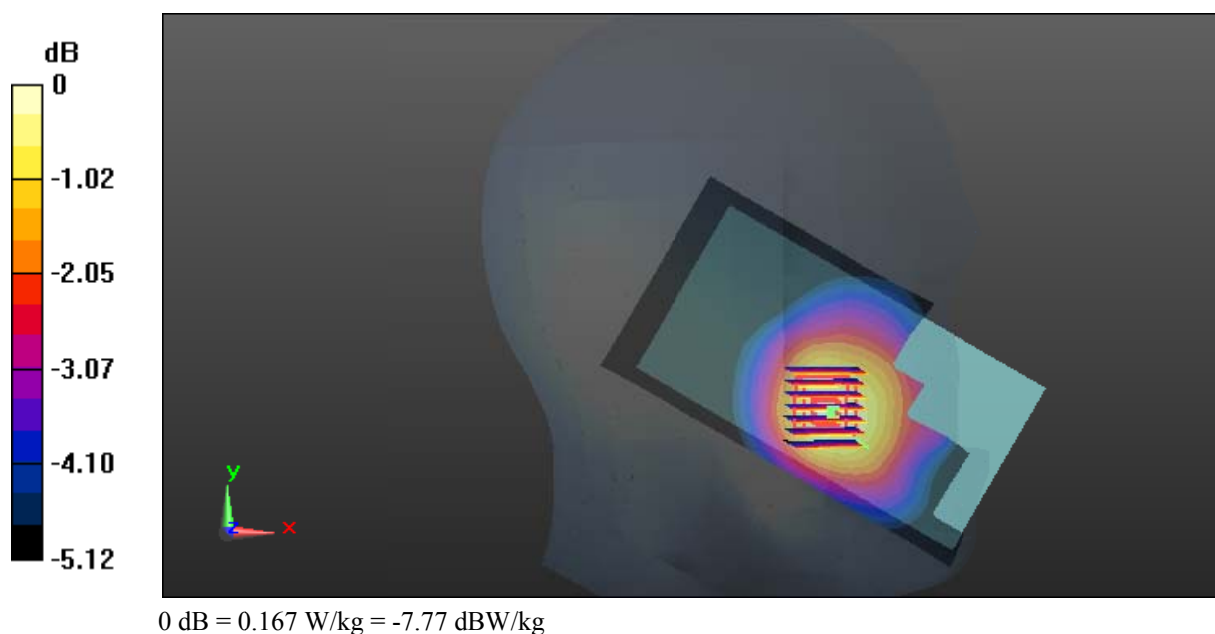
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.869 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.167 W/kg



Test Plot 102#: LTE Band 12_Head Left Cheek_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: 707.5 MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.769$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.129 W/kg

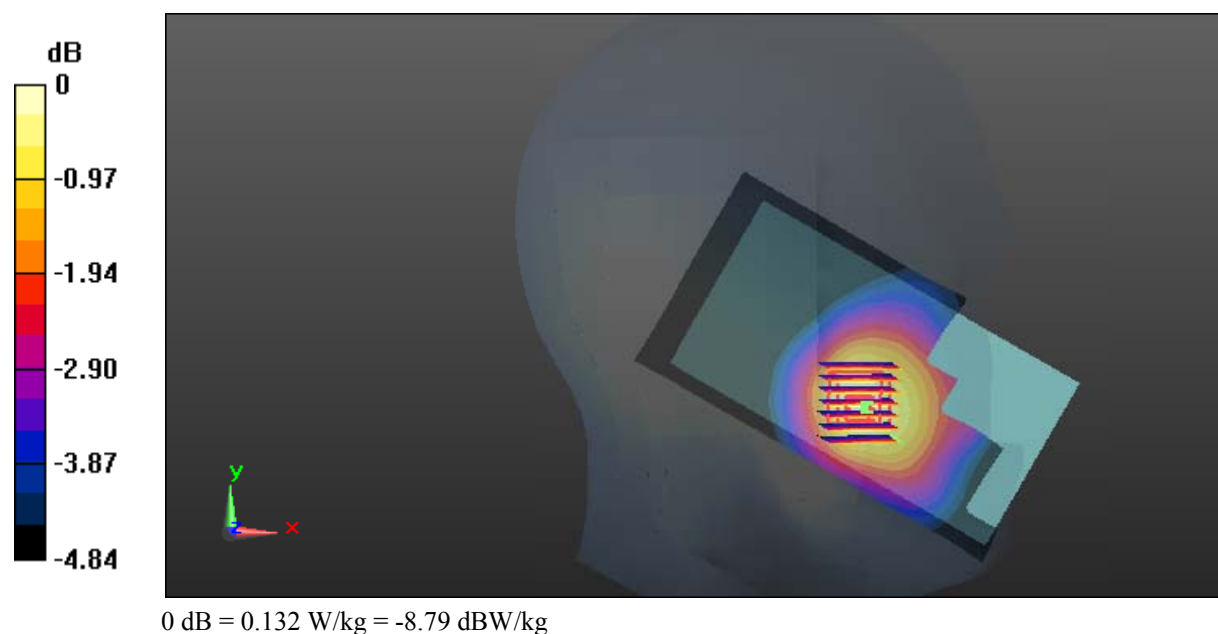
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.729 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.132 W/kg



Test Plot 103#: LTE Band 12_Head Left Tilt_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: 707.5 MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.769$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0603 W/kg

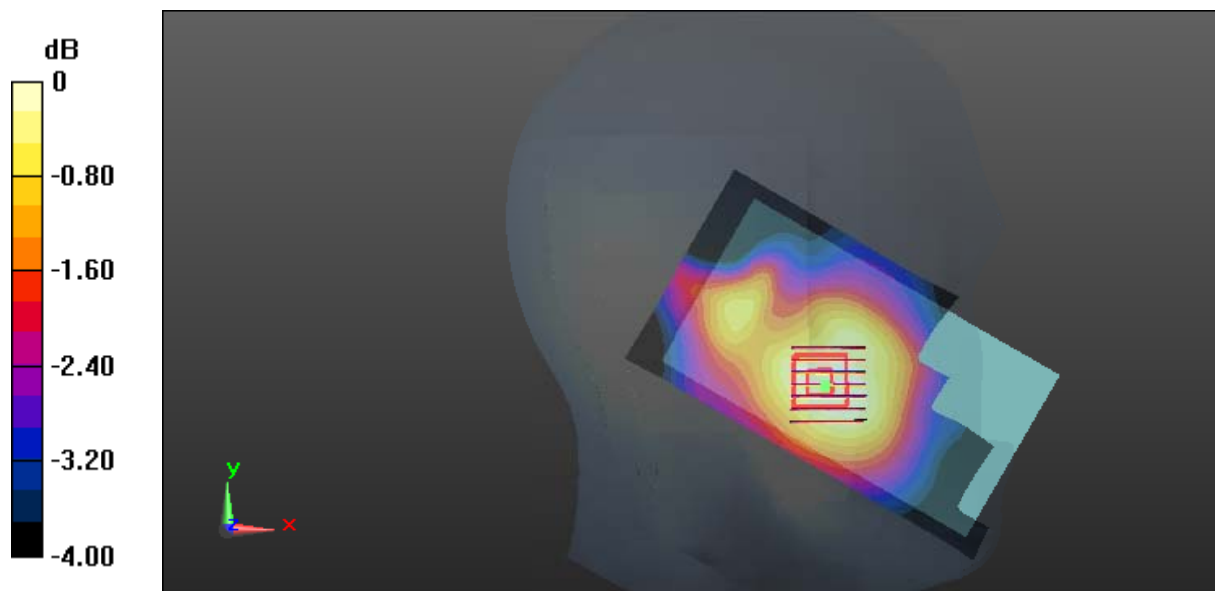
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.174 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0610 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.0582 W/kg



0 dB = 0.0582 W/kg = -12.35 dBW/kg

Test Plot 104#: LTE Band 12_Head Left Tilt_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: 707.5 MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.769$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0478 W/kg

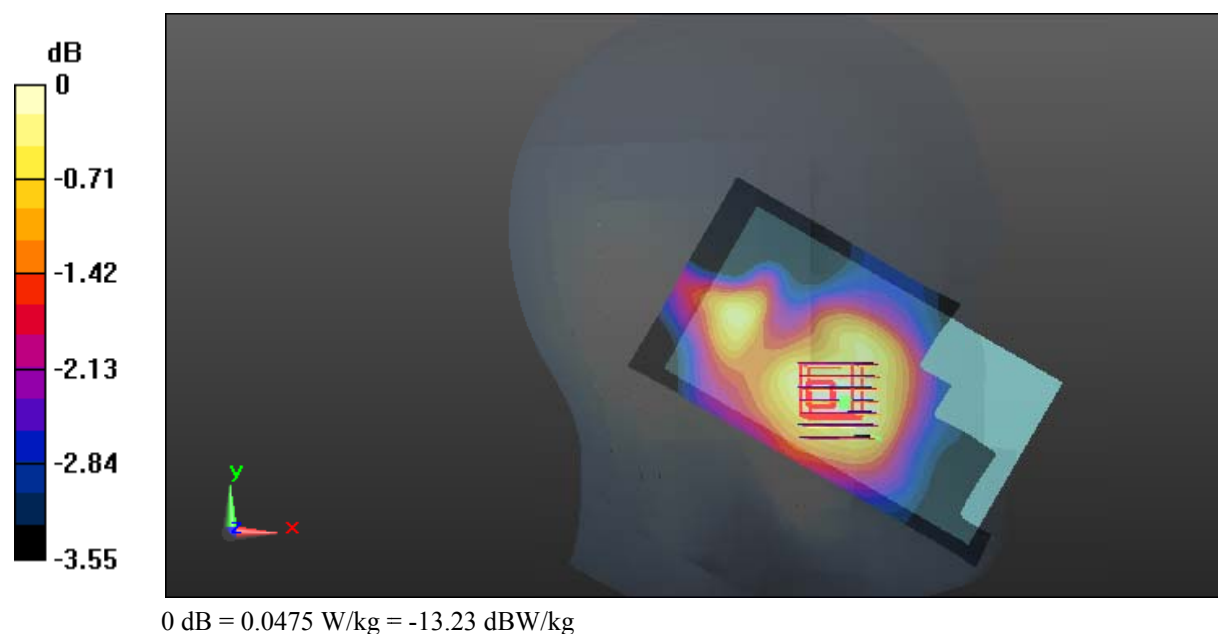
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.406 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0480 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0475 W/kg



Test Plot 105#: LTE Band 12_Head Right Cheek_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: 707.5 MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.769$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.132 W/kg

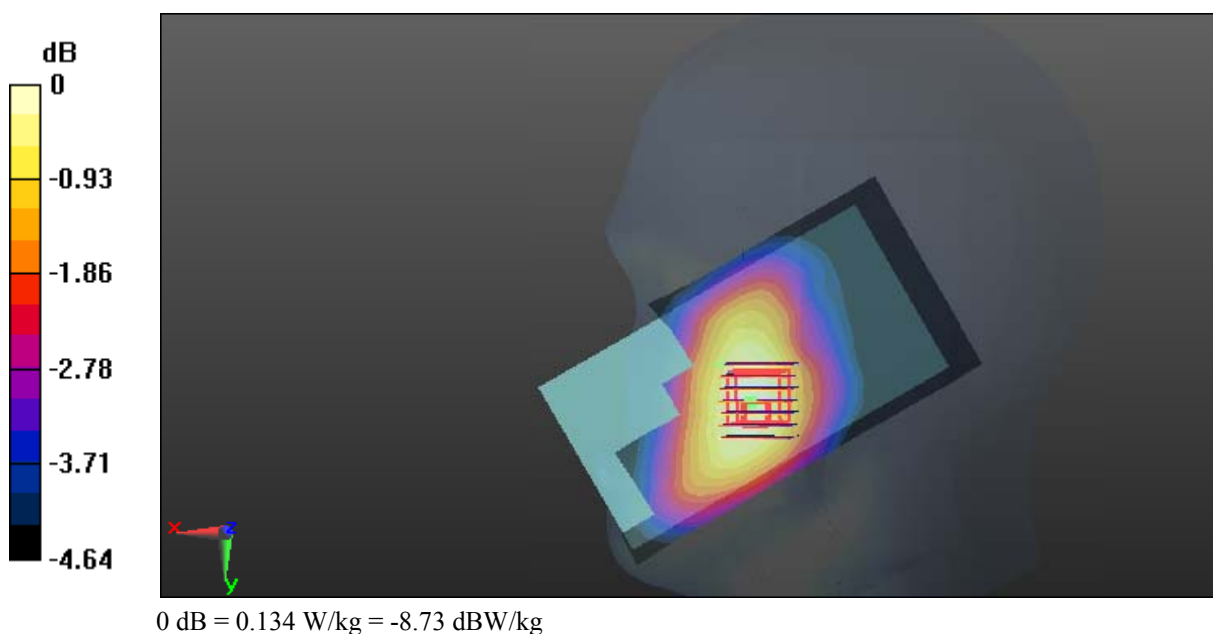
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.329 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.134 W/kg



Test Plot 106#: LTE Band 12_Head Right Cheek_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: 707.5 MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.769$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.108 W/kg

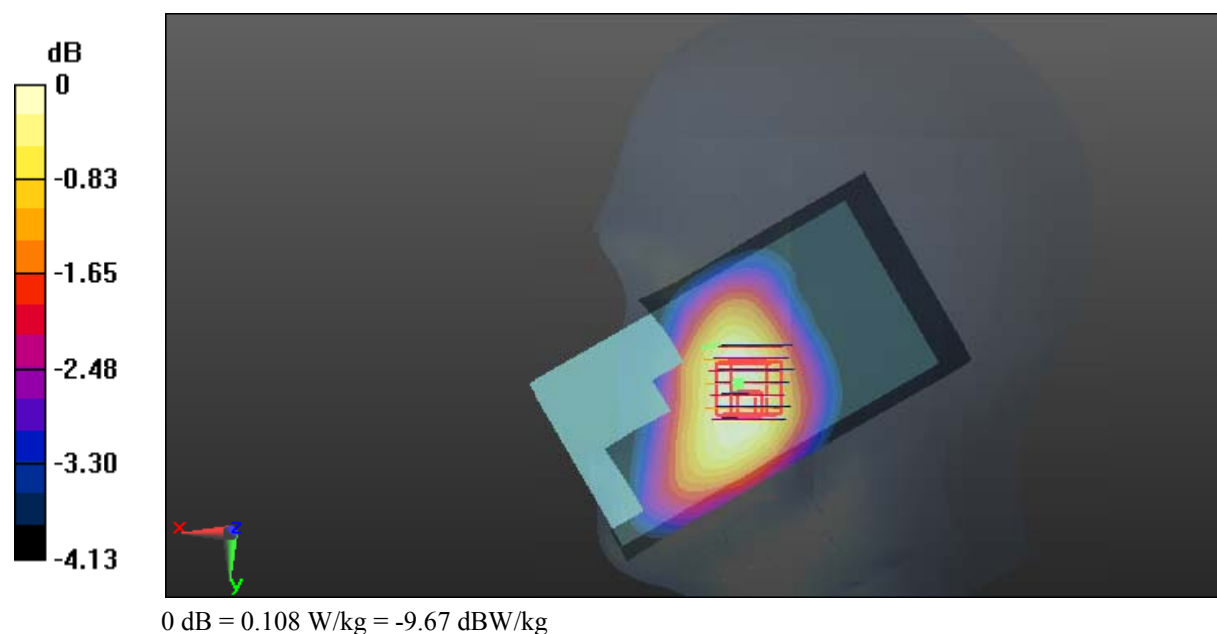
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.625 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.108 W/kg



Test Plot 107#: LTE Band 12_Head Right Tilt_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: 707.5 MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.769$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0601 W/kg

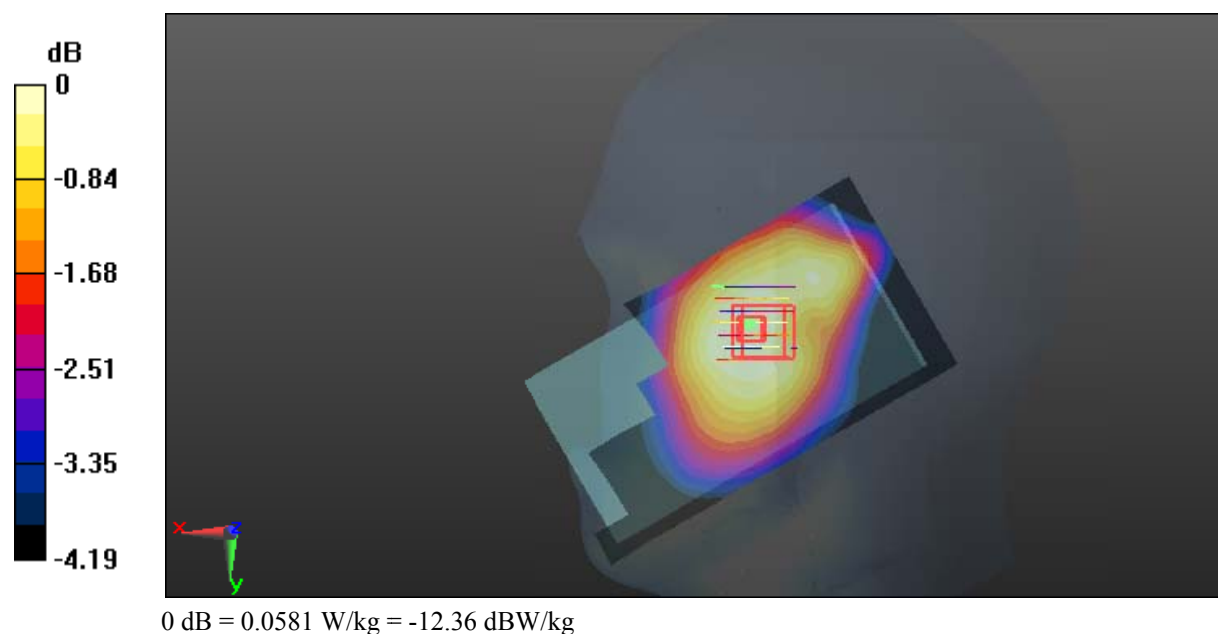
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.628 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0600 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.0581 W/kg



Test Plot 108#: LTE Band 12_Head Right Tilt_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: 707.5 MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.769$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0483 W/kg

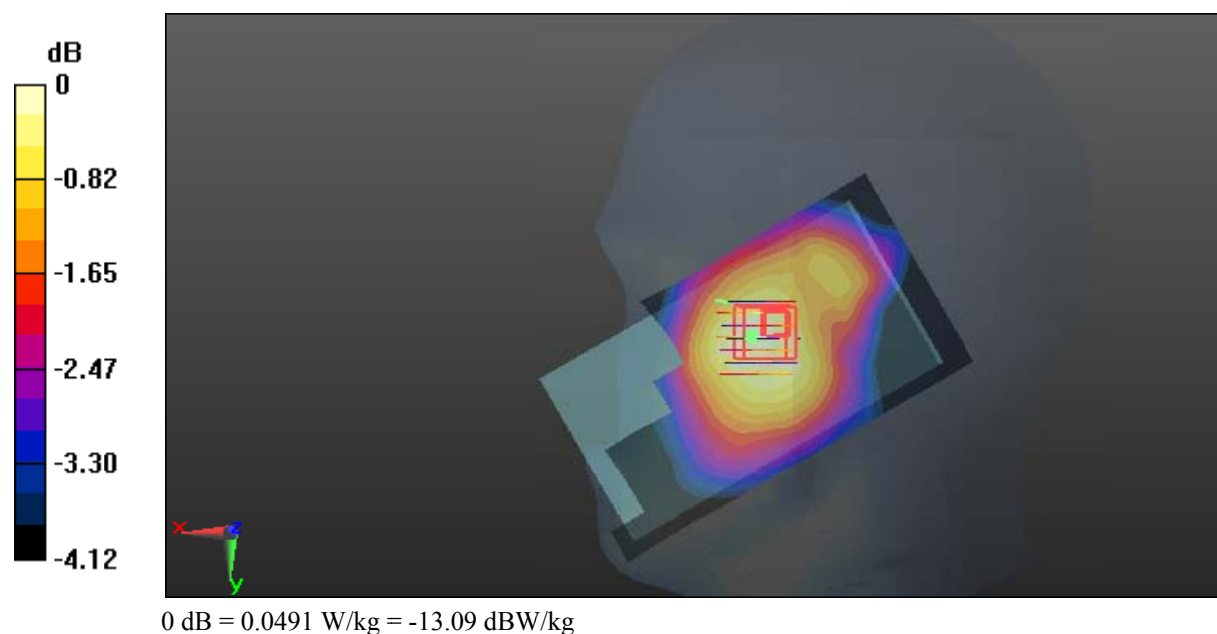
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.681 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0510 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0491 W/kg



Test Plot 109#: LTE Band 12_Body Back_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: 707.5 MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 54.13$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.236 W/kg

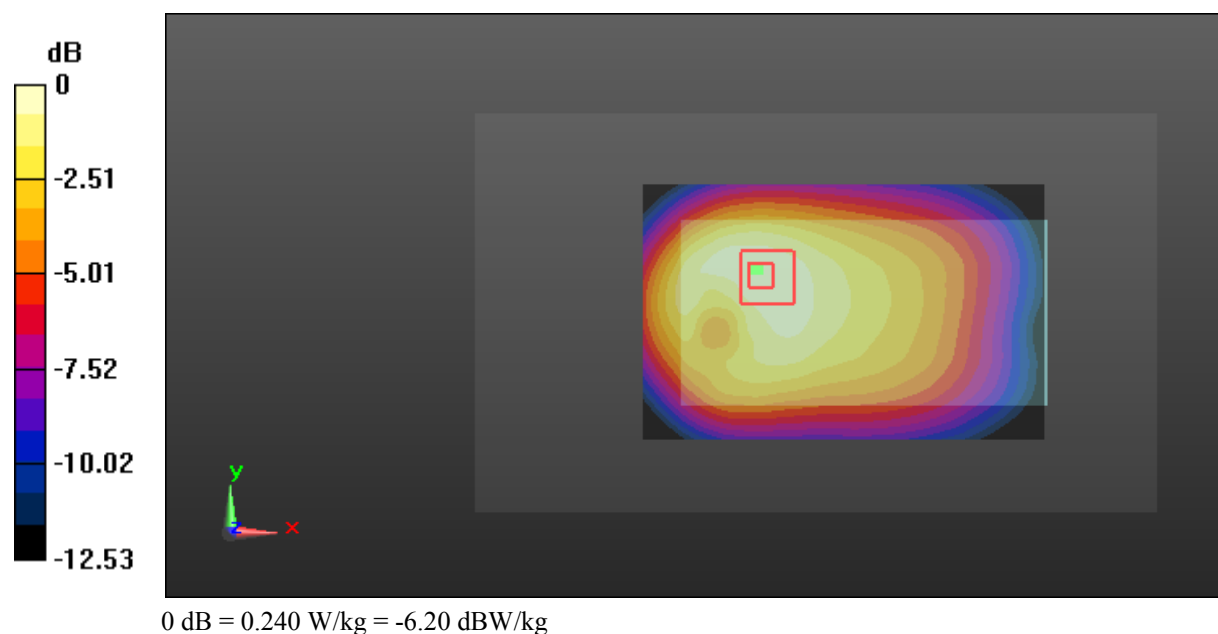
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.09 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.240 W/kg



Test Plot 110#: LTE Band 12_Body Back_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: 707.5 MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 54.13$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.189 W/kg

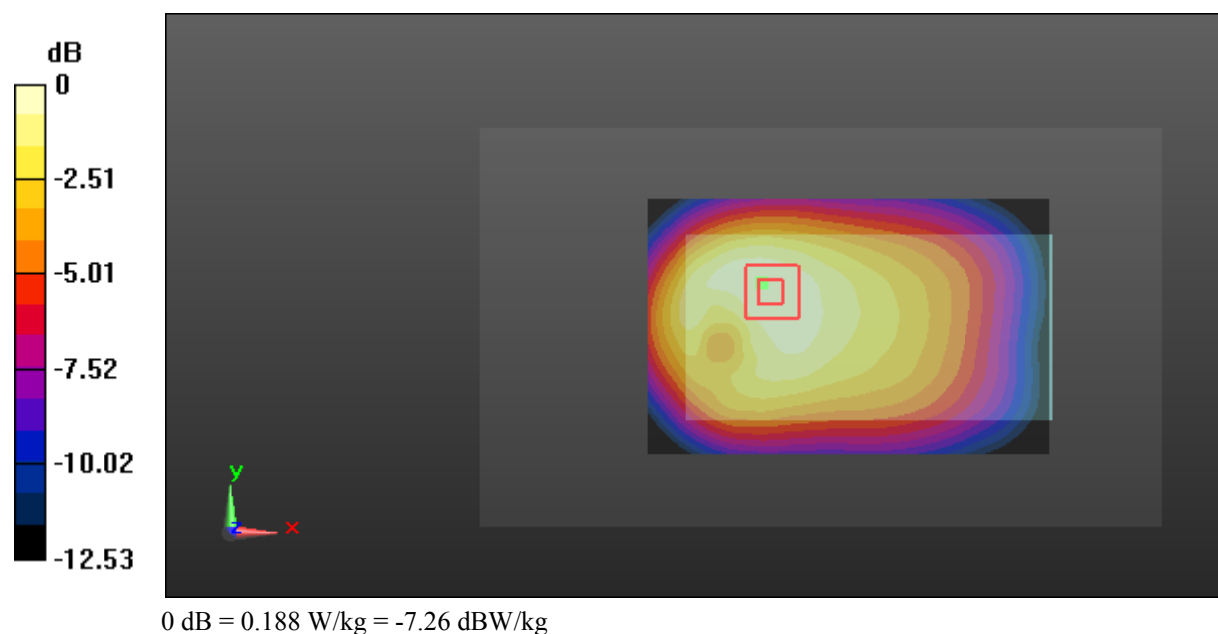
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.61 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.123 W/kg

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



Test Plot 111#: LTE Band 12_Body Right_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: 707.5 MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 54.13$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0806 W/kg

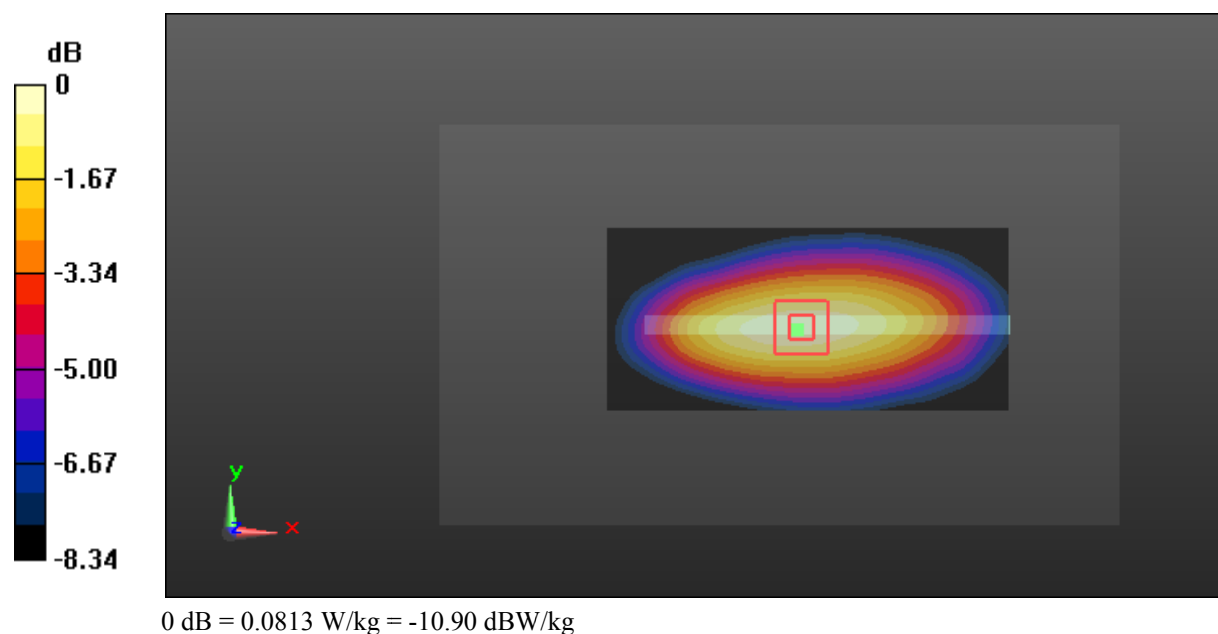
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.956 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.0813 W/kg



Test Plot 112#: LTE Band 12_Body Right_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: 707.5 MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 54.13$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0580 W/kg

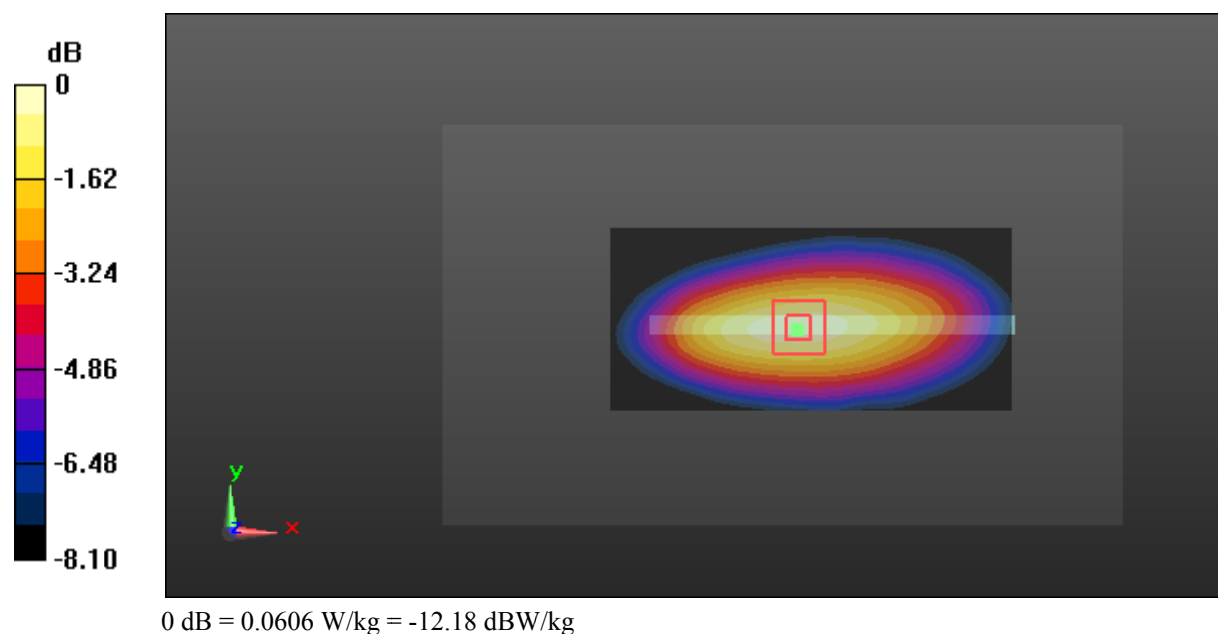
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.608 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0810 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.0606 W/kg



Test Plot 113#: LTE Band 12_Body Bottom_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: 707.5 MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 54.13$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.113 W/kg

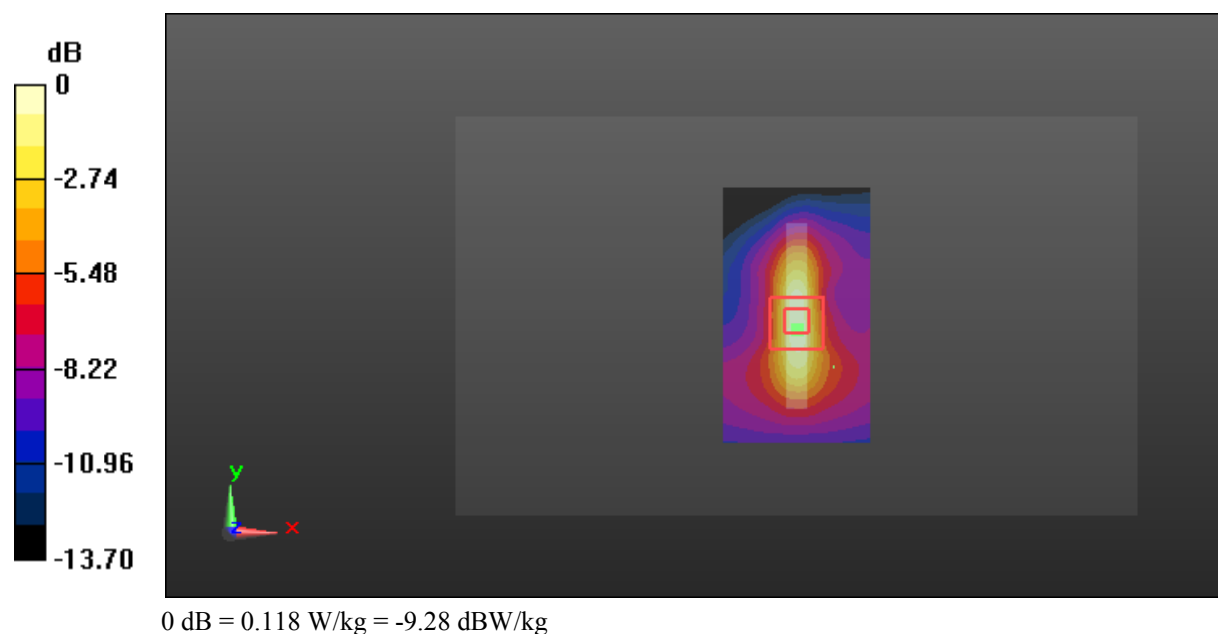
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.06 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.118 W/kg



Test Plot 114#: LTE Band 12_Body Bottom_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: 707.5 MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 54.13$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0893 W/kg

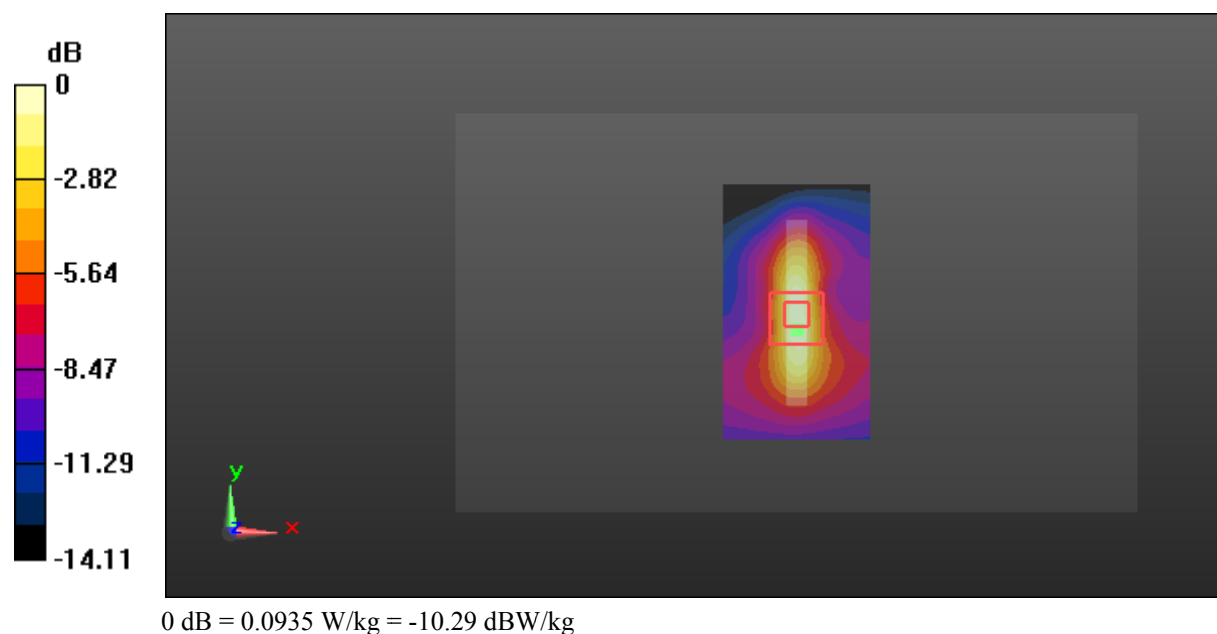
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.740 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0935 W/kg



Test Plot 115#: LTE Band 17_Head Left Cheek_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: 710 MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.75$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

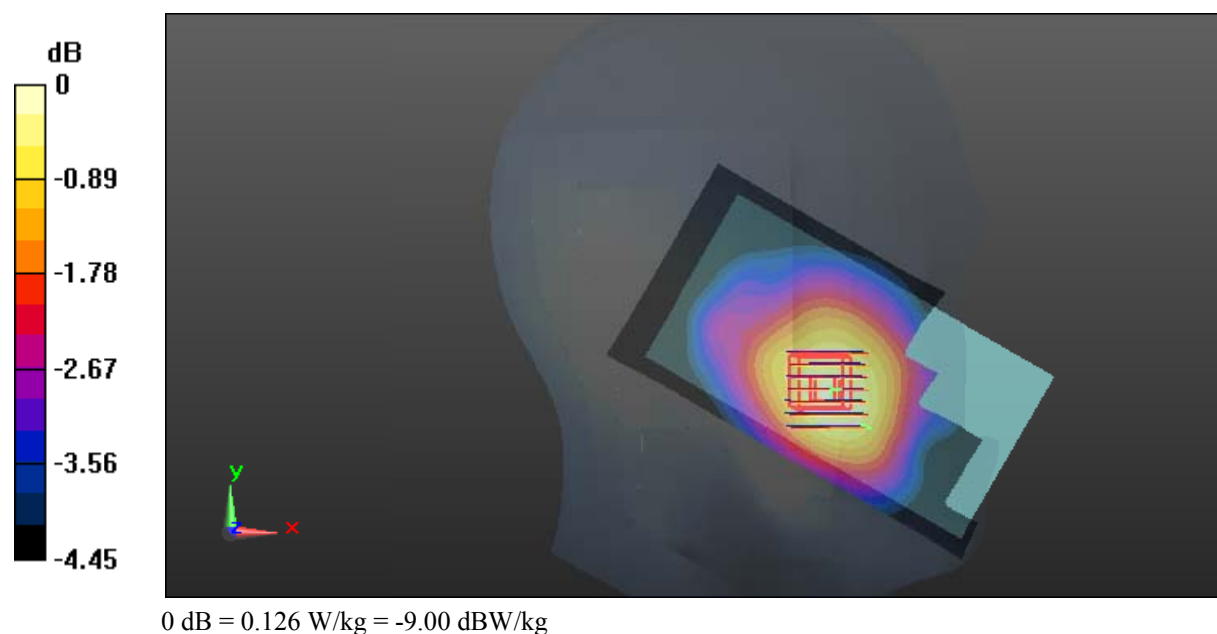
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.785 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.126 W/kg



Test Plot 116#: LTE Band 17_Head Left Cheek_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: 710 MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.75$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0979 W/kg

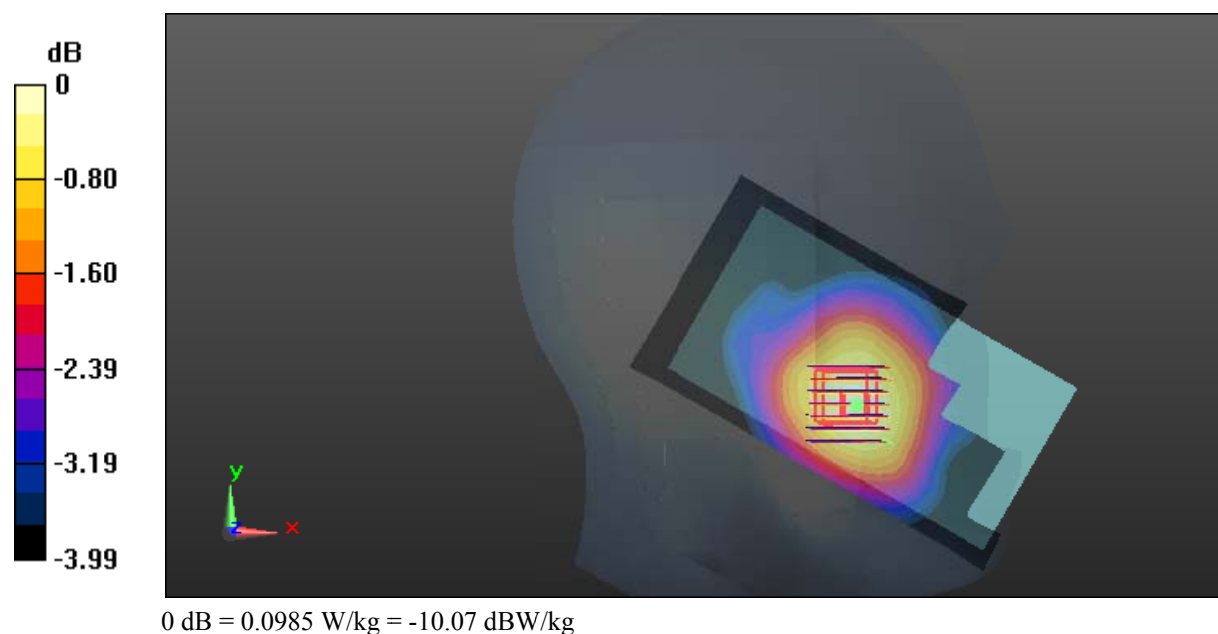
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.847 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.0985 W/kg



Test Plot 117#: LTE Band 17_Head Left Tilt_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: 710 MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.75$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0566 W/kg

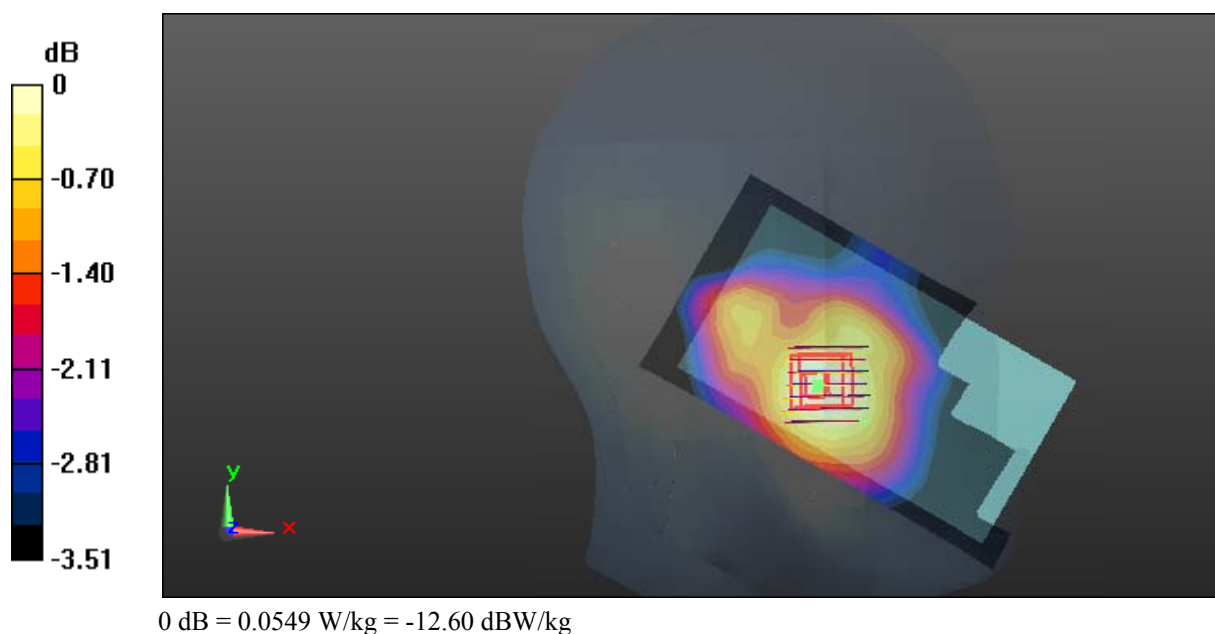
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.830 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0580 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.0549 W/kg



Test Plot 118#: LTE Band 17_Head Left Tilt_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: 710 MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.75$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0463 W/kg

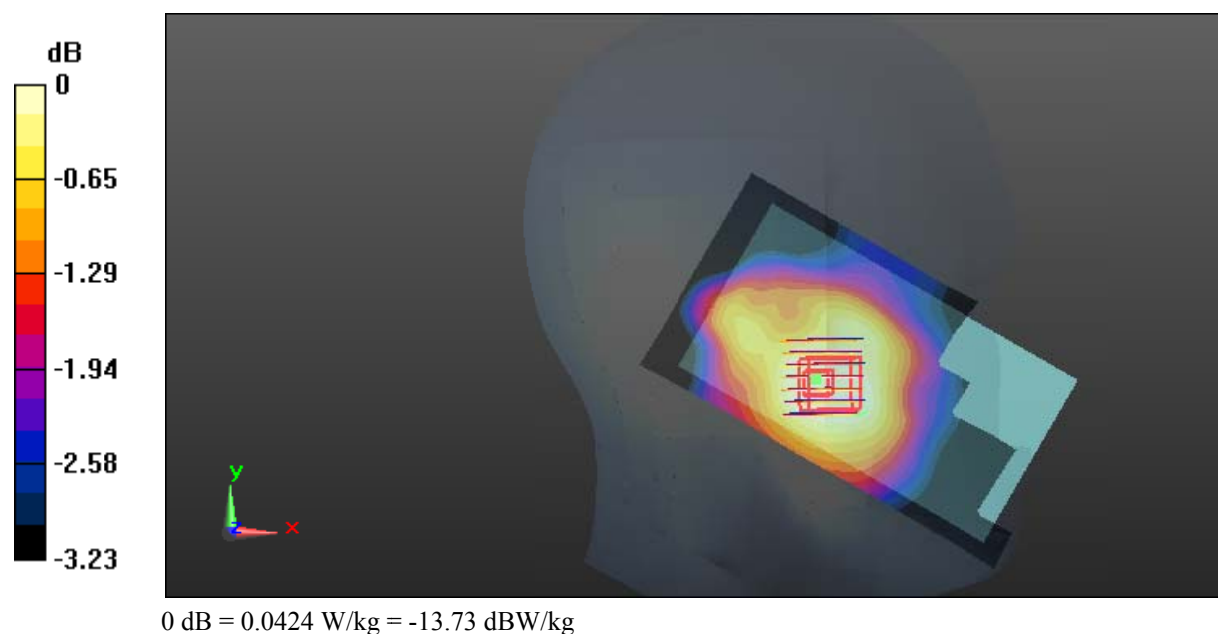
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.017 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0440 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0424 W/kg



Test Plot 119#: LTE Band 17_Head Right Cheek_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: 710 MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.75$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.102 W/kg

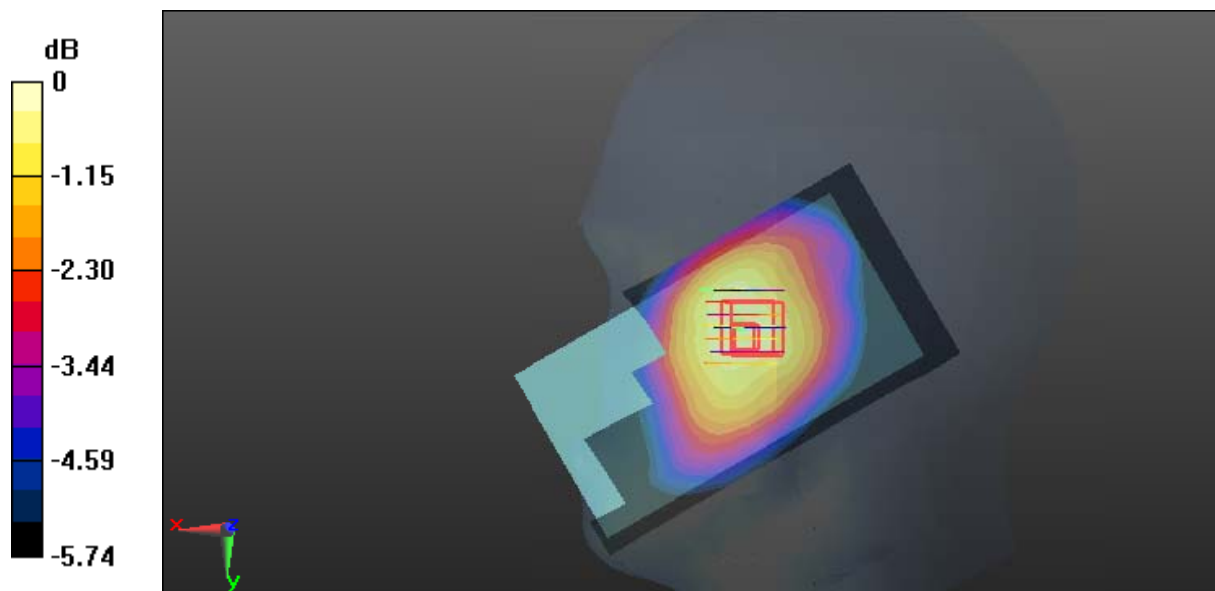
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.551 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.111 W/kg



0 dB = 0.111 W/kg = -9.55 dBW/kg

Test Plot 120#: LTE Band 17_Head Right Cheek_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: 710 MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.75$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0820 W/kg

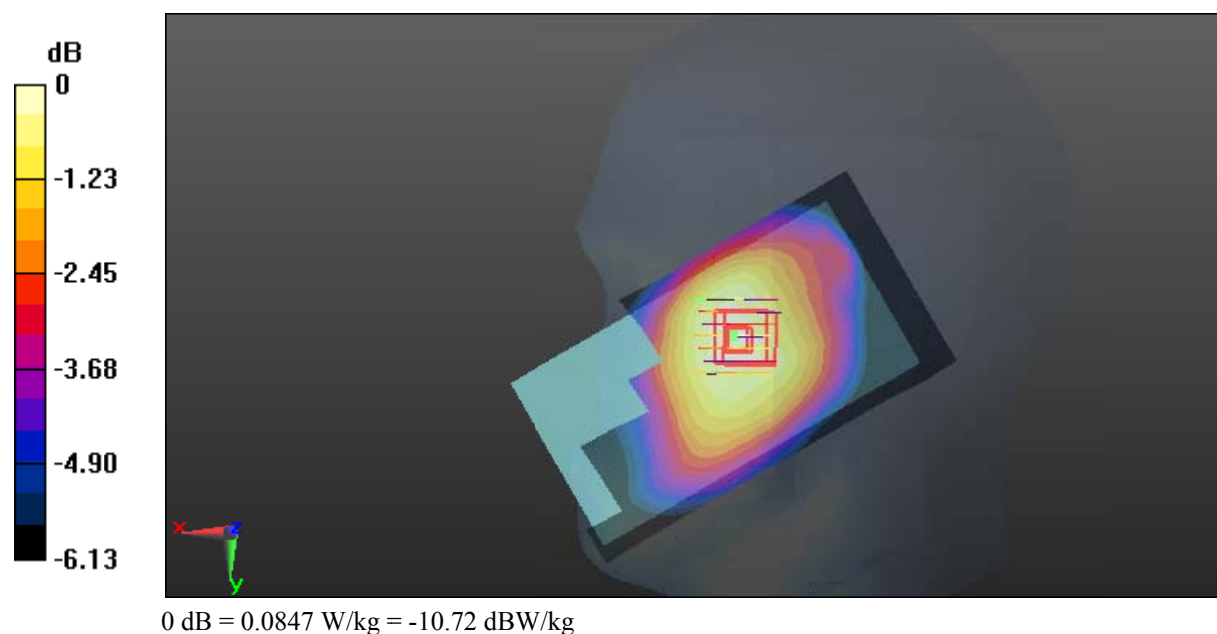
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.508 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0900 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.0847 W/kg



Test Plot 121#: LTE Band 17_Head Right Tilt_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: 710 MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.75$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0655 W/kg

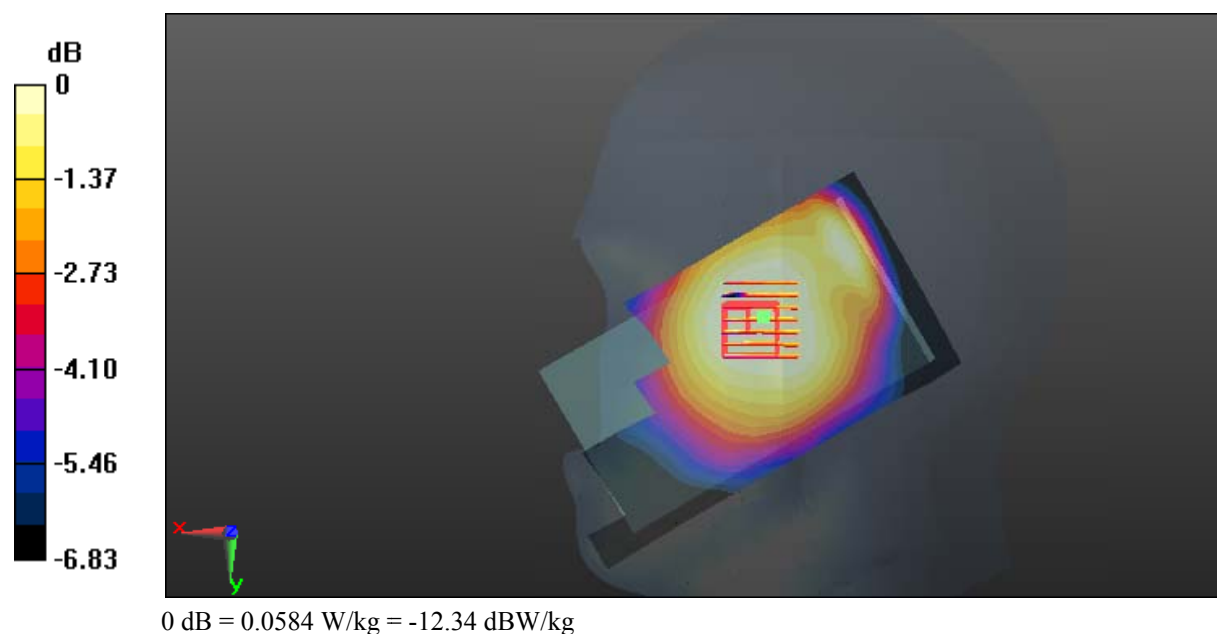
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.946 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0720 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.0584 W/kg



Test Plot 122#: LTE Band 17_Head Right Tilt_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: 710 MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.75$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0514 W/kg

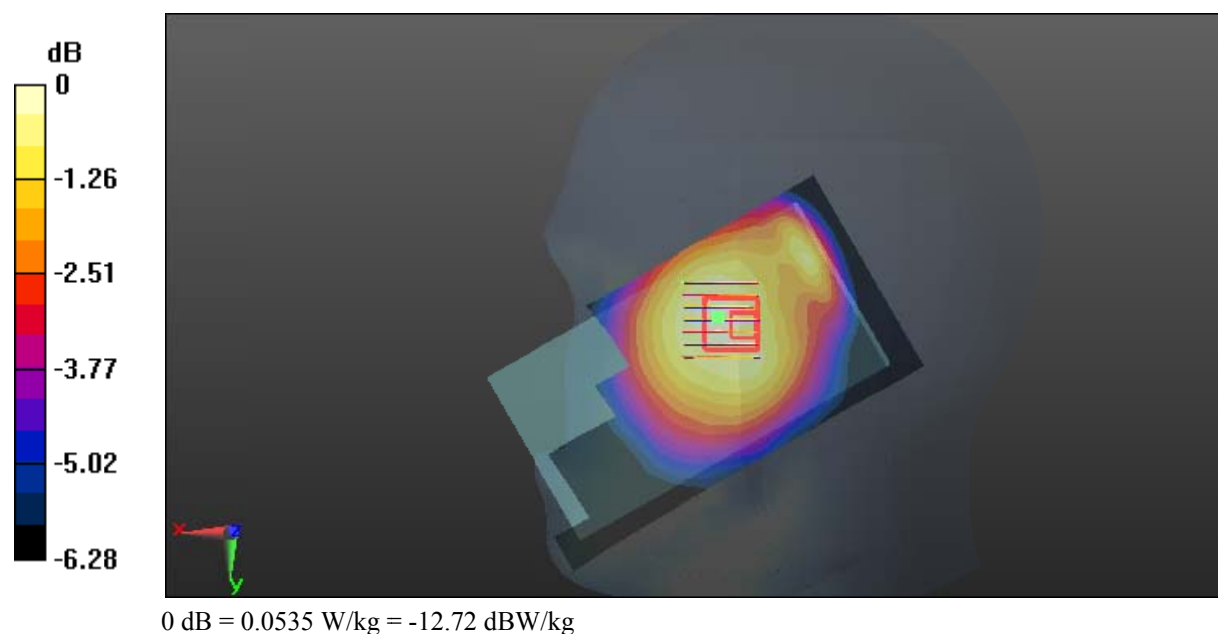
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.163 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.0580 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0535 W/kg



Test Plot 123#: LTE Band 17_Body Back_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: 710 MHz; $\sigma = 0.95$ S/m; $\epsilon_r = 53.915$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

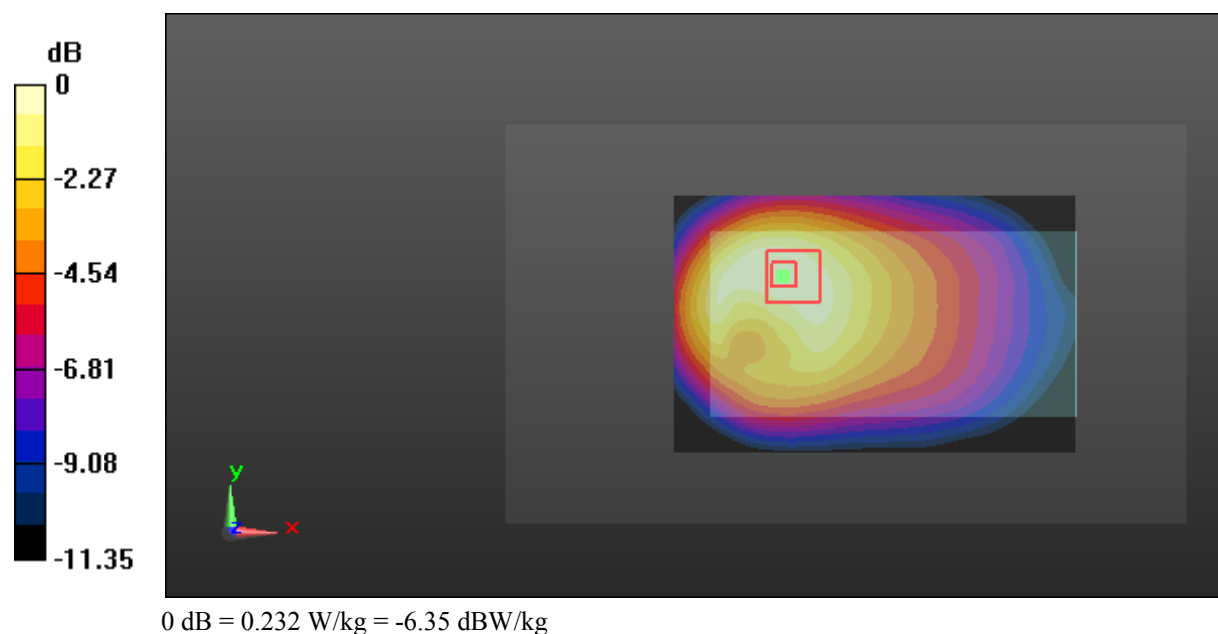
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.29 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.148 W/kg

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



Test Plot 124#: LTE Band 17_Body Back_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: 710 MHz; $\sigma = 0.95$ S/m; $\epsilon_r = 53.915$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.191 W/kg

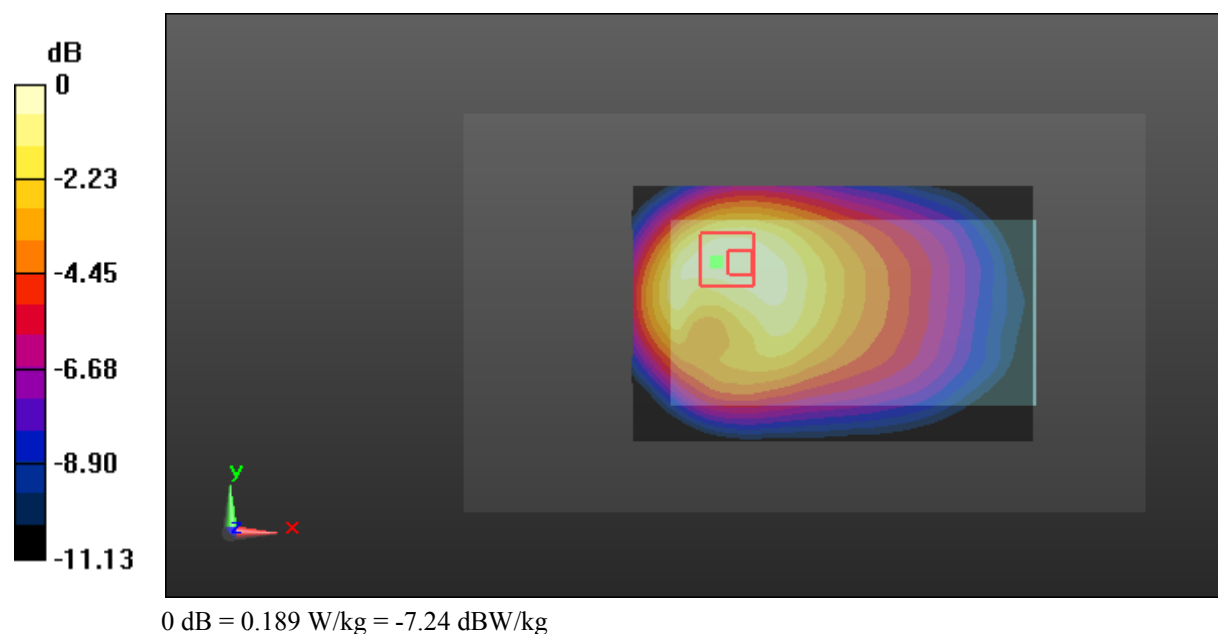
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.87 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.115 W/kg

Maximum value of SAR (measured) = 0.189 W/kg



Test Plot 125#: LTE Band 17_Body Right_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: 710 MHz; $\sigma = 0.95$ S/m; $\epsilon_r = 53.915$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0841 W/kg

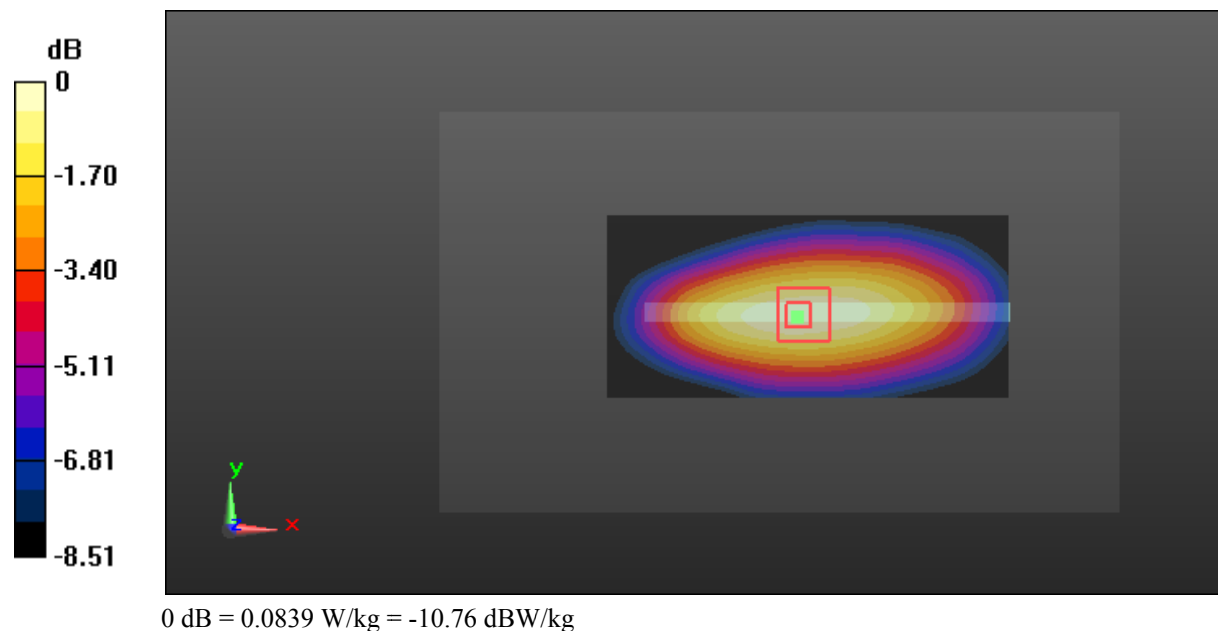
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.375 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.0839 W/kg



Test Plot 126#: LTE Band 17_Body Right_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: 710 MHz; $\sigma = 0.95$ S/m; $\epsilon_r = 53.915$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (111x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0649 W/kg

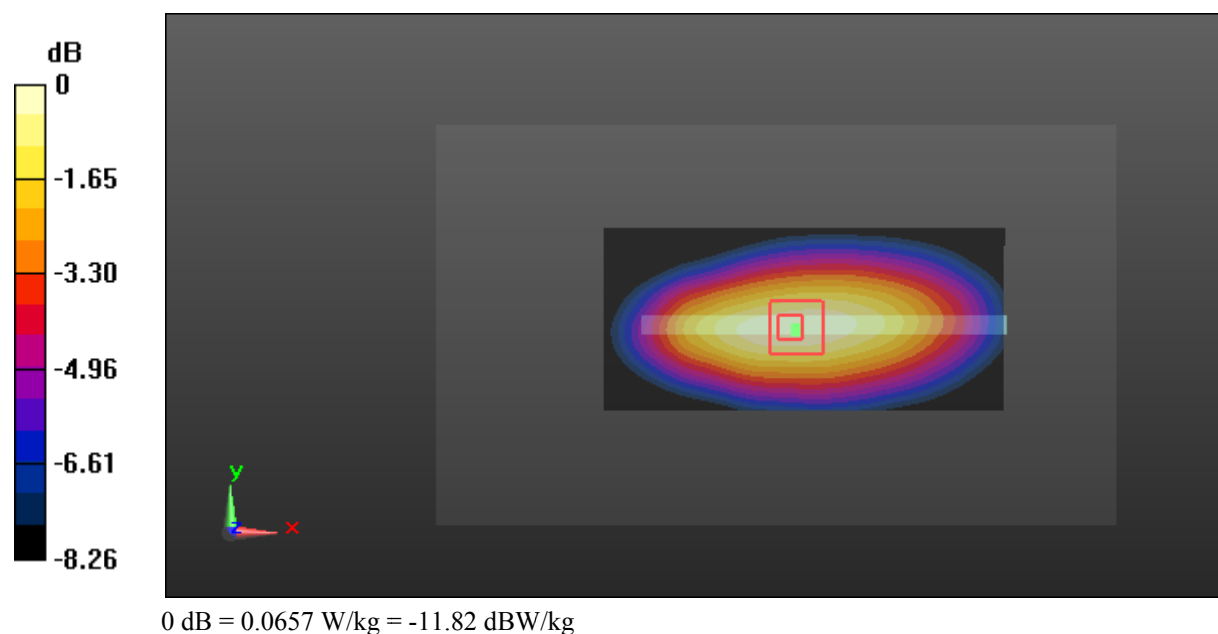
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.306 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0860 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0657 W/kg



Test Plot 127#: LTE Band 17_Body Bottom_Middle Channel_1RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: 710 MHz; $\sigma = 0.95$ S/m; $\epsilon_r = 53.915$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.115 W/kg

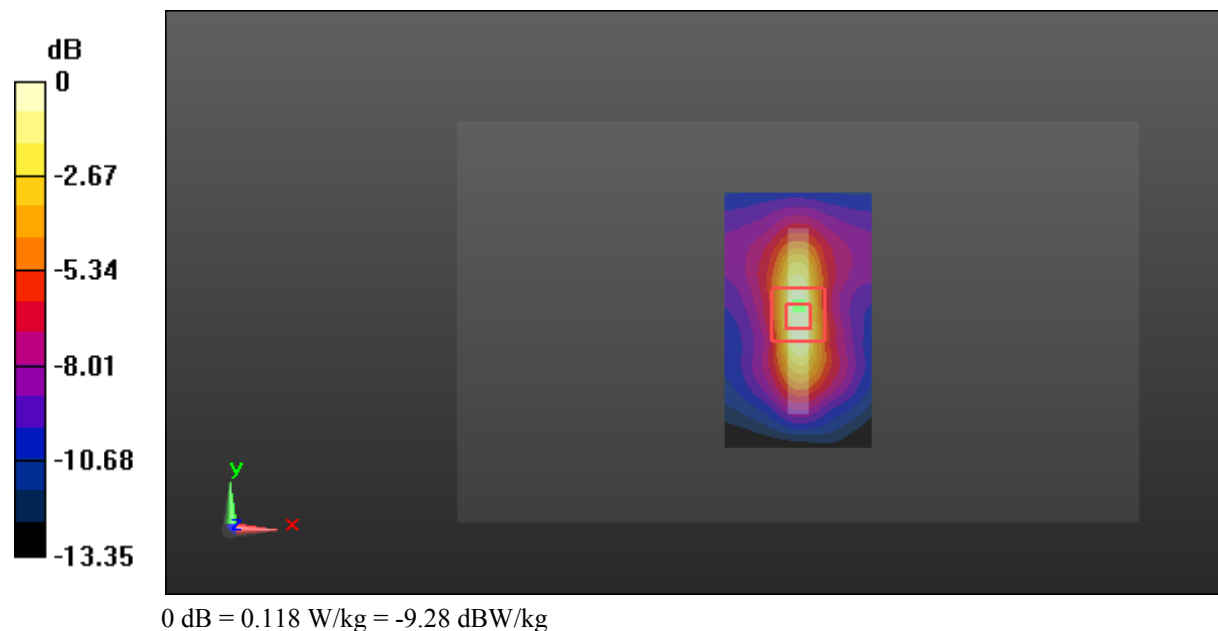
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.20 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.118 W/kg



Test Plot 128#: LTE Band 17_Body Bottom_Middle Channel_50%RB**DUT: Mobile Phone; Type: ASTRO X55 LTE ; Serial: 16111400120**

Communication System: Generic LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: 710 MHz; $\sigma = 0.95$ S/m; $\epsilon_r = 53.915$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0871 W/kg

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

Reference Value = 9.790 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.042 W/kg

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

