

GSM850 Right Cheek

Communication System: UID 0, Generic GSM (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.30042 Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 41.342$; $\rho = 1000$ kg/m³ Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(9.08, 9.08, 9.08); Calibrated: 11/6/2019;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

GSM850 Right Cheek /Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.406 W/kg

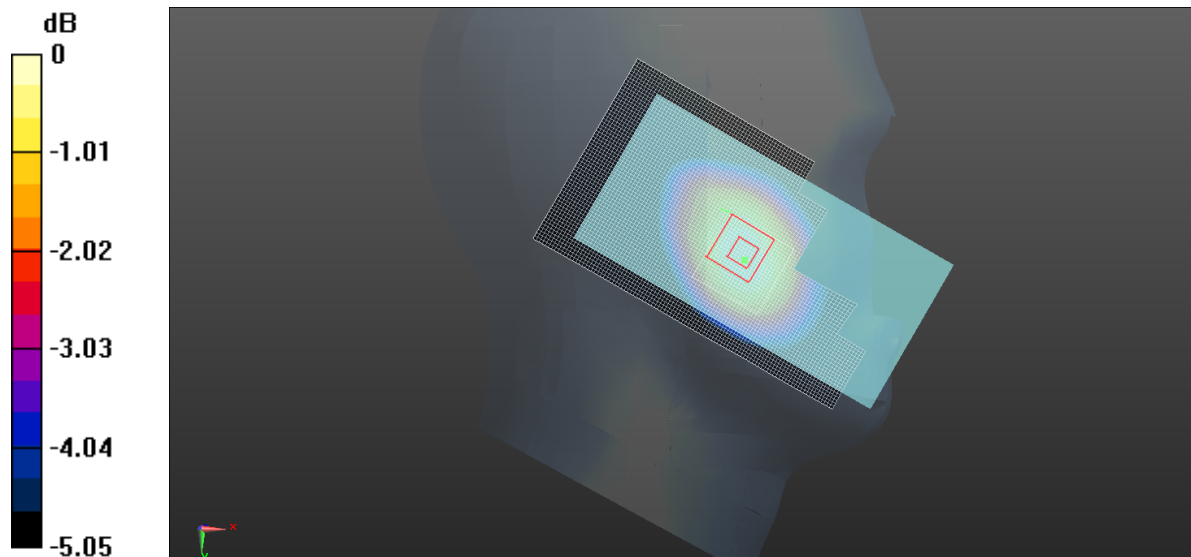
GSM850 Right Cheek /Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.257 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.365 W/kg

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



0 dB = 0.405 W/kg = -3.93 dBW/kg

GSM1900 Left Cheek

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

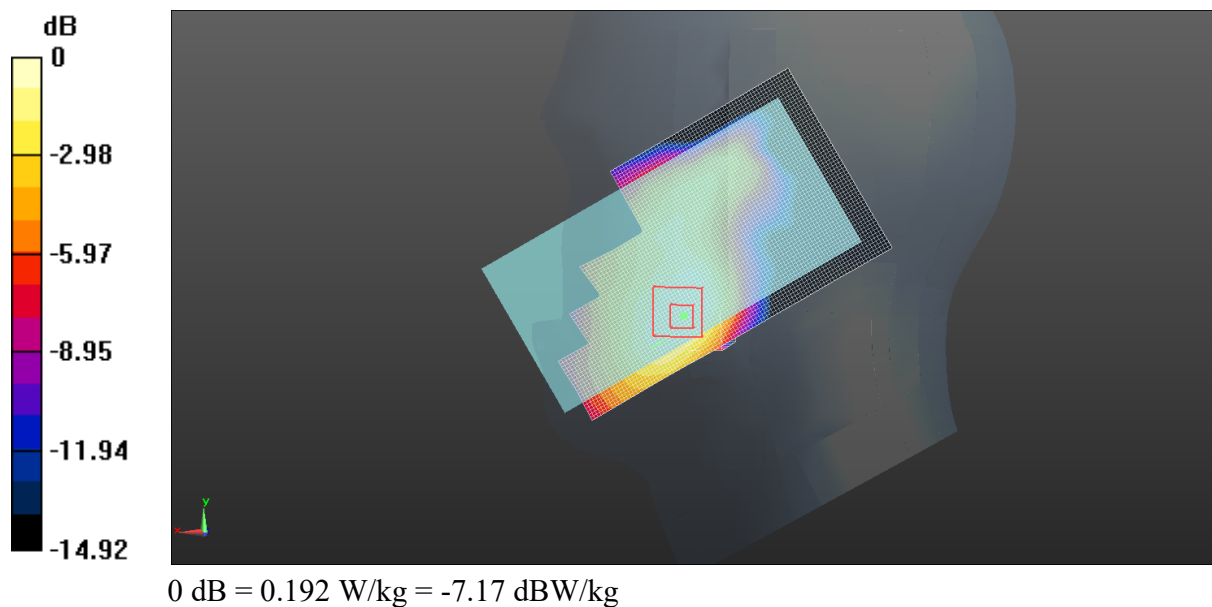
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.458$ S/m; $\epsilon_r = 40.392$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.61, 7.61, 7.61); Calibrated: 11/6/2019;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

GSM1900 Left Cheek /Area Scan (61x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.204 W/kg

GSM1900 Left Cheek /Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 1.649 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.260 W/kg
SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.115 W/kg
Maximum value of SAR (measured) = 0.192 W/kg



W1900 Left Cheek

Communication System: UID 0, WCDMA Band 2 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908$ MHz; $\sigma = 1.479$ S/m; $\epsilon_r = 40.293$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.61, 7.61, 7.61); Calibrated: 11/6/2019;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

W1900 Left Cheek /Area Scan (61x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

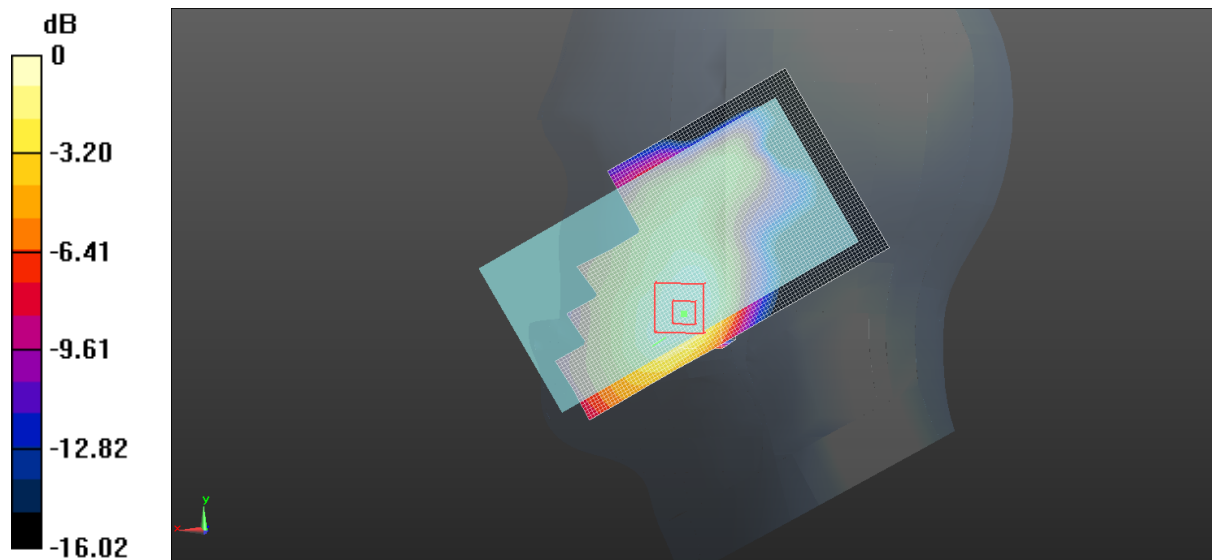
W1900 Left Cheek /Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.489 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.144 W/kg

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



0 dB = 0.243 W/kg = -6.14 dBW/kg

W850 Right Cheek

Communication System: UID 0, WCDMA Band 5 (0); Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 847$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 41.054$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(9.08, 9.08, 9.08); Calibrated: 11/6/2019;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

W850 Right Cheek /Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

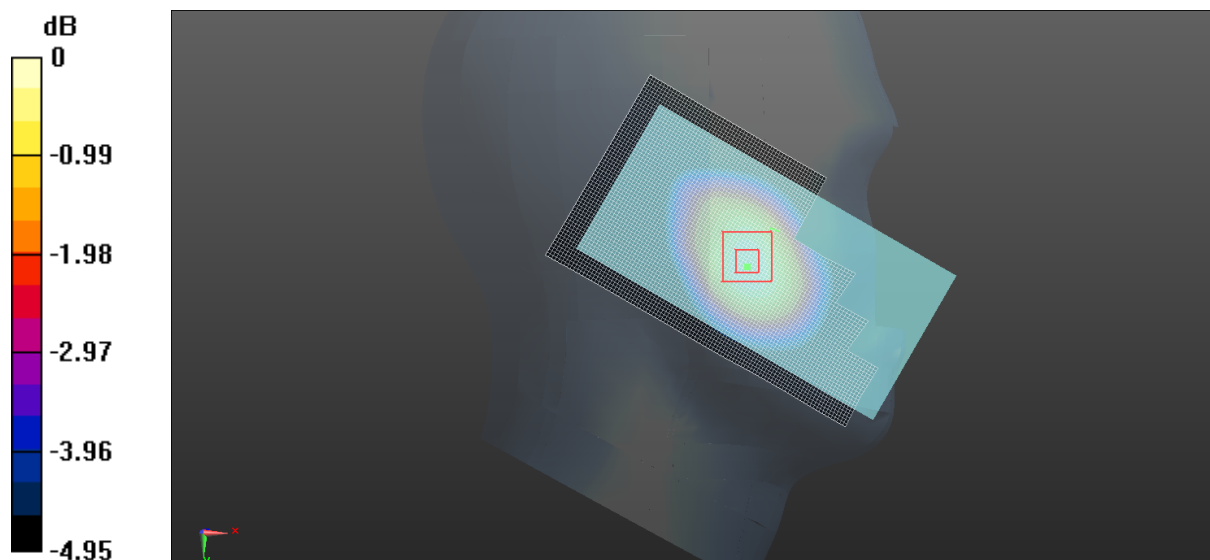
W850 Right Cheek /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.867 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.421 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.357 W/kg

Maximum value of SAR (measured) = 0.408 W/kg



$$0 \text{ dB} = 0.408 \text{ W/kg} = -3.89 \text{ dBW/kg}$$

LTE B2 Left Cheek

Communication System: UID 0, Generic LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.441 \text{ S/m}$; $\epsilon_r = 40.469$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.61, 7.61, 7.61); Calibrated: 11/6/2019;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE B2 Left Cheek /Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.269 W/kg

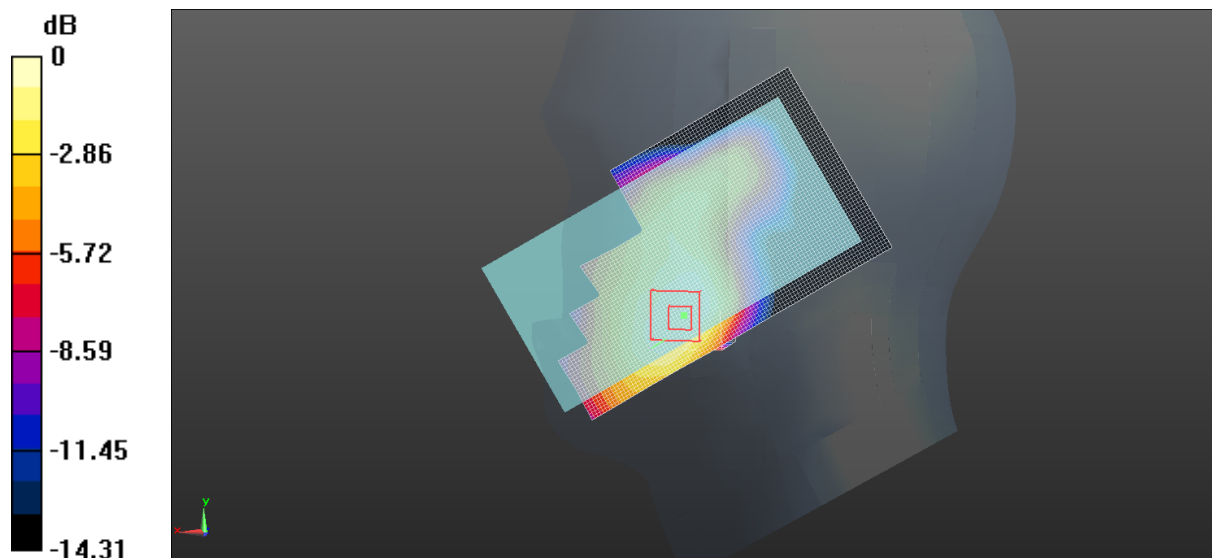
LTE B2 Left Cheek /Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.921 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.233 W/kg ; SAR(10 g) = 0.153 W/kg

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



$$0 \text{ dB} = 0.251 \text{ W/kg} = -6.00 \text{ dBW/kg}$$

LTE B4 Left Cheek

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.321 \text{ S/m}$; $\epsilon_r = 41.043$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(8.01, 8.01, 8.01); Calibrated: 11/6/2019;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE B4 Left Cheek /Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.439 W/kg

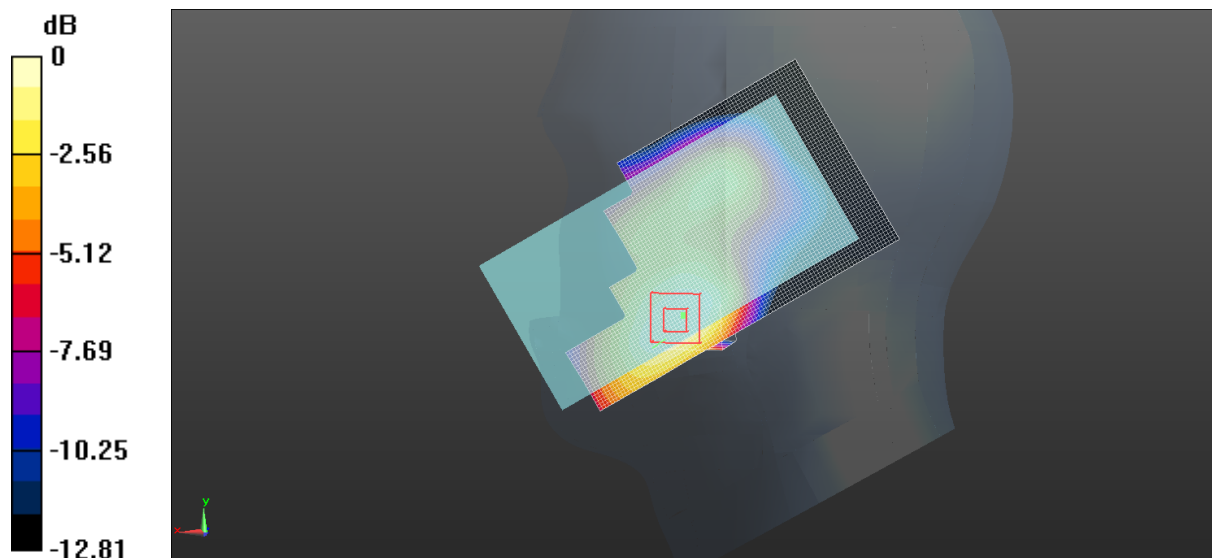
LTE B4 Left Cheek /Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.582 V/m ; Power Drift = 0.19dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.370 W/kg ; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 0.395 W/kg



$$0 \text{ dB} = 0.395 \text{ W/kg} = -4.03 \text{ dBW/kg}$$

LTE B5 Right Check

Communication System: UID 0, Generic LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.933 \text{ S/m}$; $\epsilon_r = 41.193$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(9.08, 9.08, 9.08); Calibrated: 11/6/2019;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE B5 Right Check /Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

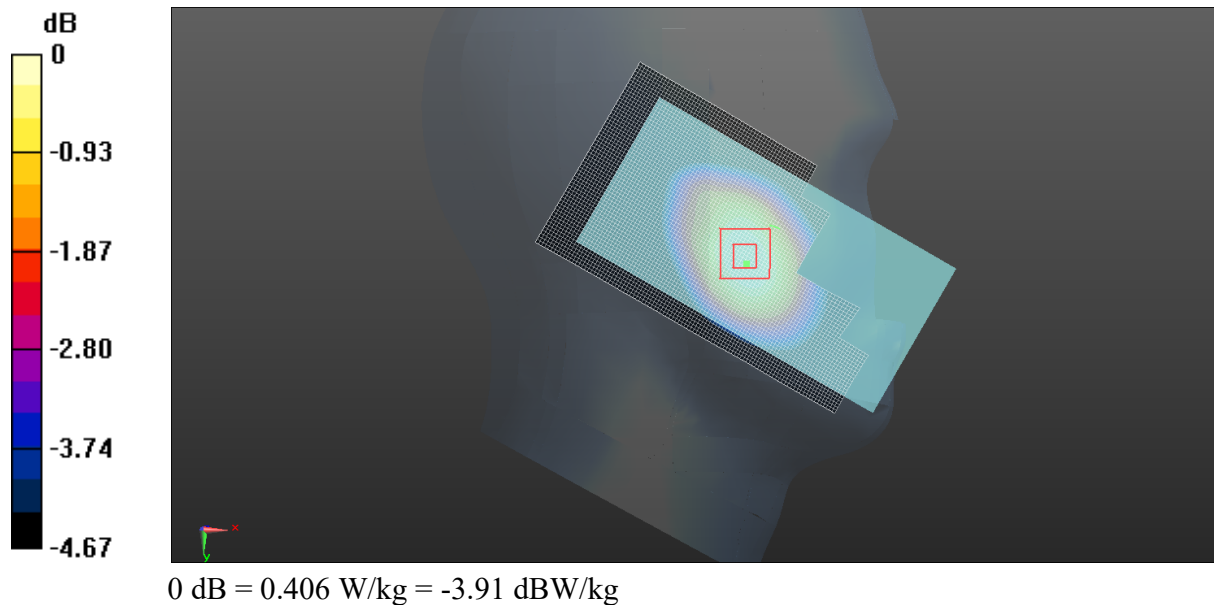
LTE B5 Right Check /Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.119 V/m ; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.383 W/kg ; SAR(10 g) = 0.350 W/kg

Maximum value of SAR (measured) = 0.406 W/kg



LTE B7 Left Check

Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.938$ S/m; $\epsilon_r = 38.477$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.1, 7.1, 7.1); Calibrated: 11/6/2019;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE B7 Left Check/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.391 W/kg

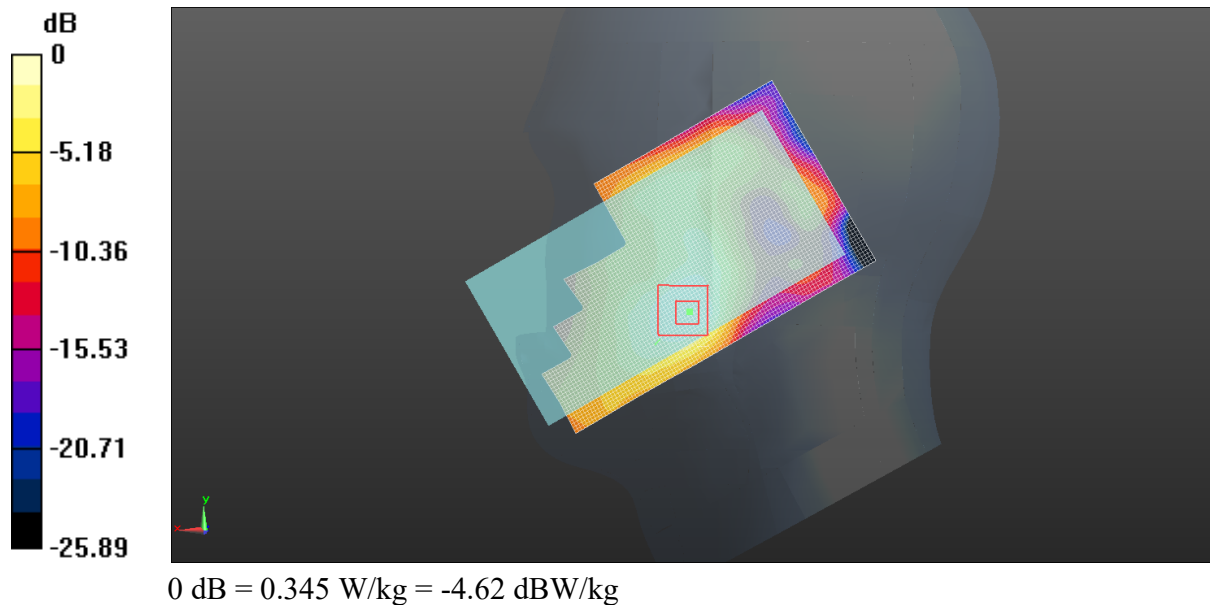
LTE B7 Left Check/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.756 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.156 W/kg

Maximum value of SAR (measured) = 0.345 W/kg



LTE B38 Left Check

Communication System: UID 0, Generic LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2595$ MHz; $\sigma = 1.979$ S/m; $\epsilon_r = 38.298$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.1, 7.1, 7.1); Calibrated: 11/6/2019;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE B38 Left Check/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.274 W/kg

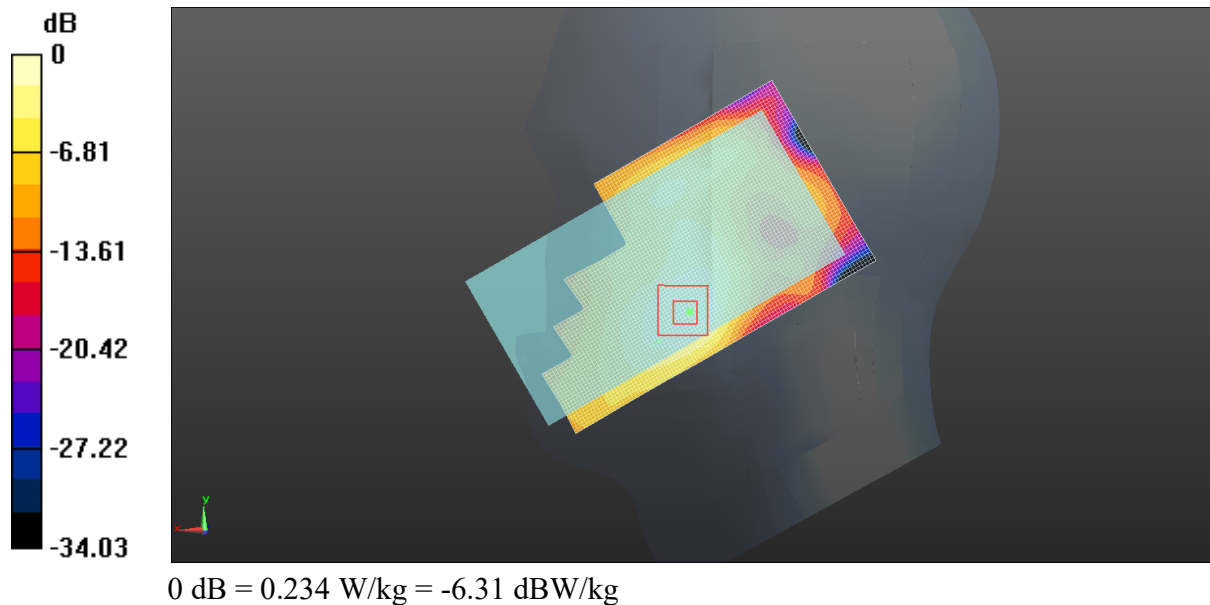
LTE B38 Left Check/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.216 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.105 W/kg

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



WIFI 2.4G Left Cheek

Communication System: UID 0, WLAN2450 (0); Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.795 \text{ S/m}$; $\epsilon_r = 38.991$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.07, 7.07, 7.07); Calibrated: 11/6/2019;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

WIFI 2.4G Left Cheek/Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.425 W/kg

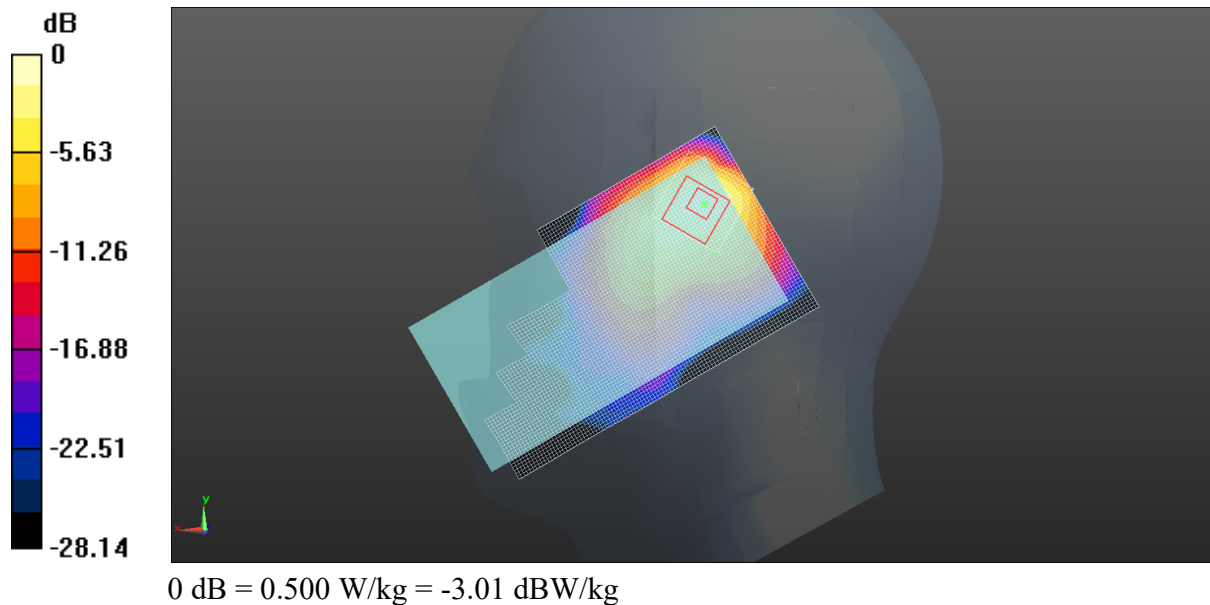
WIFI 2.4G Left Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.805 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.316 W/kg ; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.500 W/kg



GPRS850 Rear

Communication System: UID 0, GPRS 850(2 Tx slots) (0); Frequency: 824.2 MHz; Duty Cycle: 1:3.99945 Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 41.342$; $\rho = 1000$ kg/m³ Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(9.26, 9.26, 9.26); Calibrated: 11/6/2019;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

GPRS850 Rear/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.622 W/kg

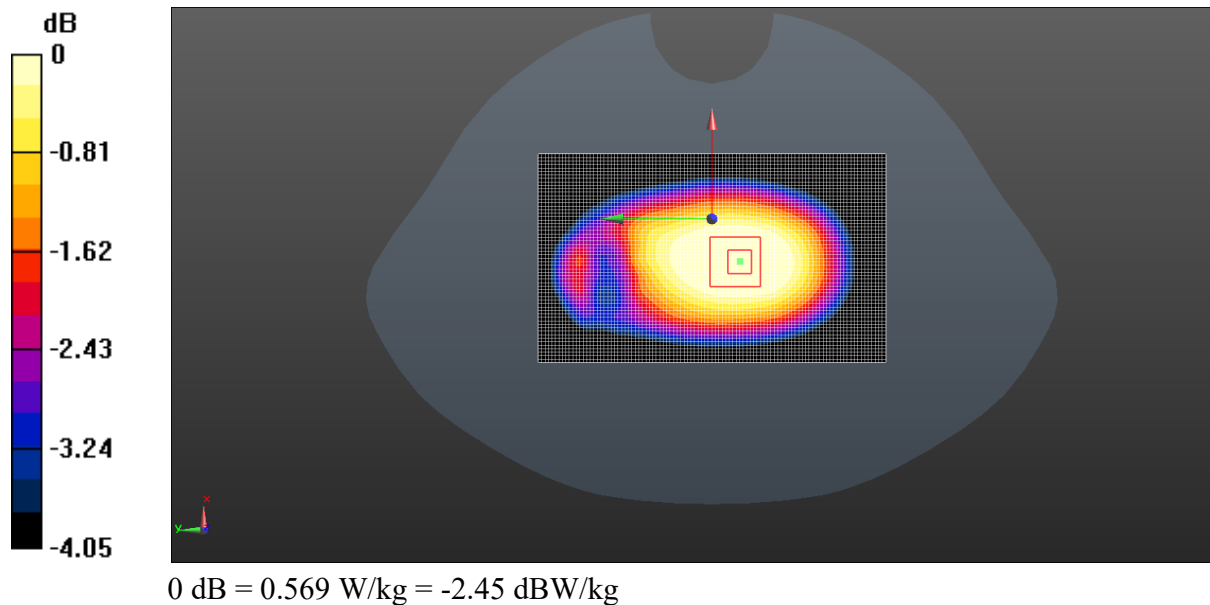
GPRS850 Rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.73 V/m; Power Drift = 0.15

Peak SAR (extrapolated) = 0.620 W/kg

SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.483 W/kg

Maximum value of SAR (measured) = 0.569 W/kg



GPRS1900 Rear

Communication System: UID 0, GPRS1900 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:1.99986
 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 38.328$; $\rho = 1000$ kg/m³ Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.69, 7.69, 7.69); Calibrated: 11/6/2019;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

GPRS1900 Rear/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.556 W/kg

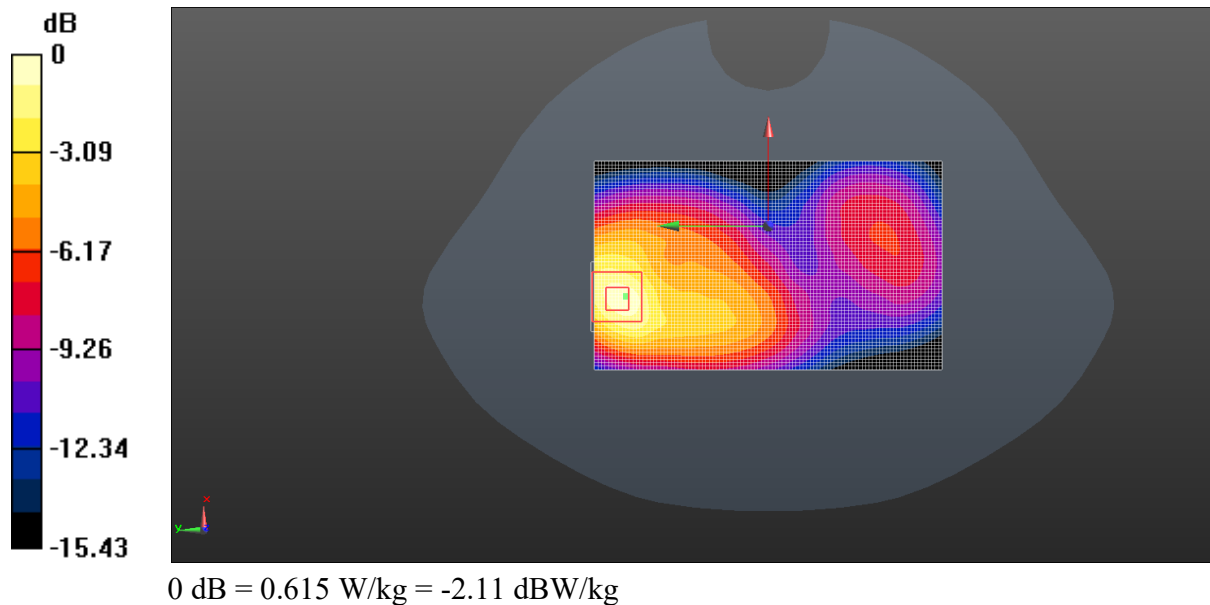
GPRS1900 Rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.185 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.920 W/kg

SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 0.615 W/kg



W1900 Bottom

Communication System: UID 0, WCDMA Band 2 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.468$ S/m; $\epsilon_r = 38.181$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.69, 7.69, 7.69); Calibrated: 11/6/2019;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

W1900 Bottom/Area Scan (61x31x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.870 W/kg

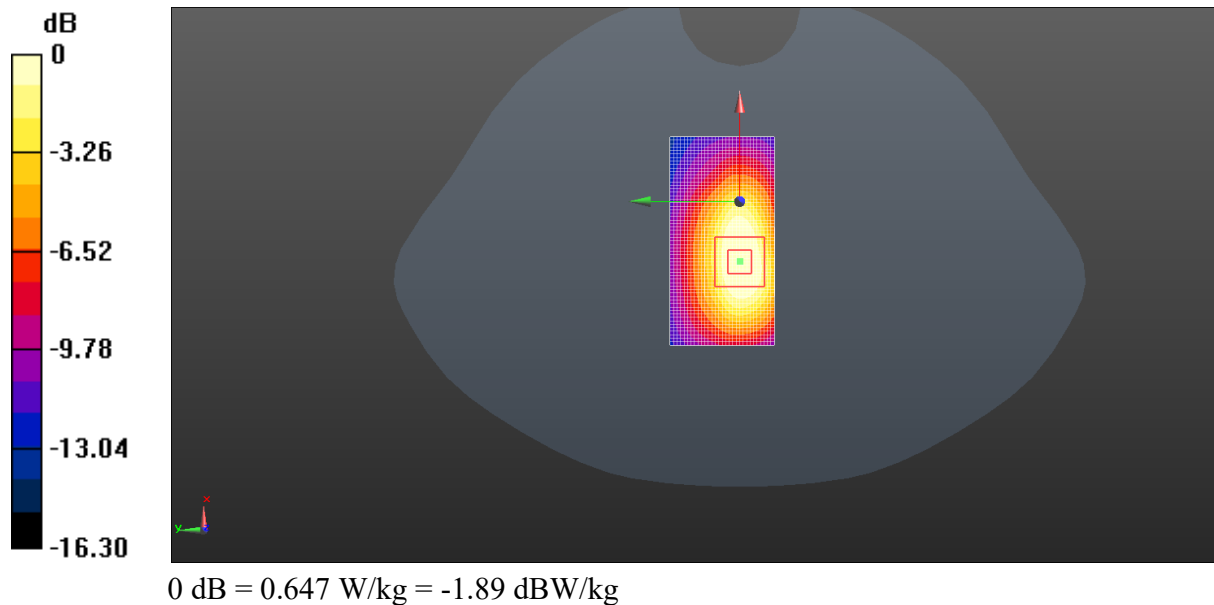
W1900 Bottom/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.82 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.969 W/kg

SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.310 W/kg

Maximum value of SAR (measured) = 0.647 W/kg



W1900 Rear

Communication System: UID 0, WCDMA Band 2 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.468 \text{ S/m}$; $\epsilon_r = 38.181$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.69, 7.69, 7.69); Calibrated: 11/6/2019;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

W1900 Rear/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.546 W/kg

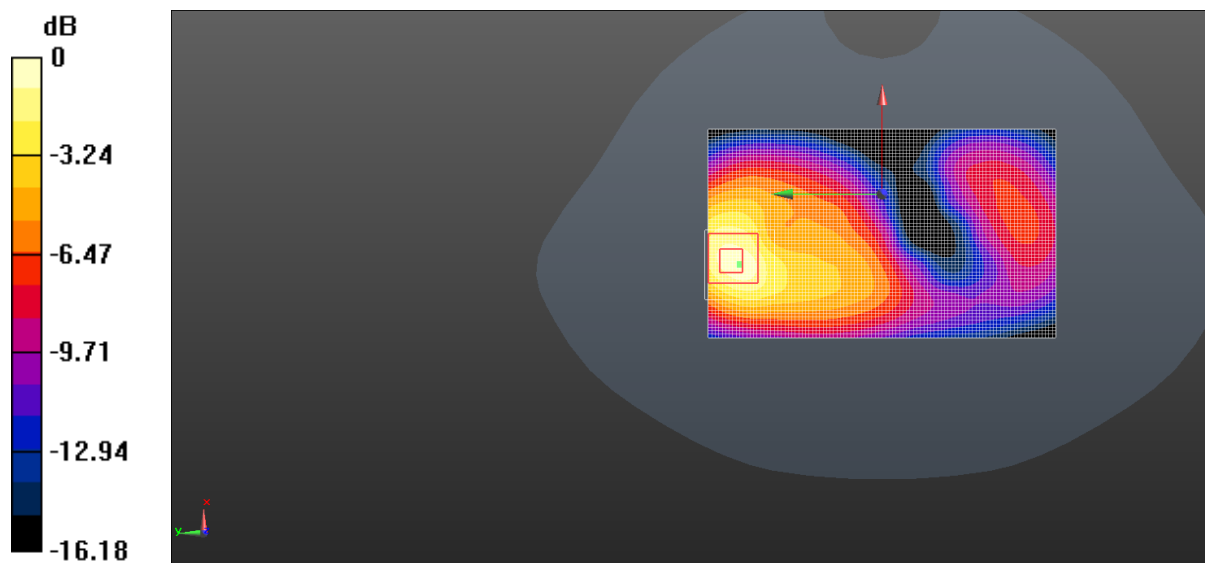
W1900 Rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.271 V/m ; Power Drift = 0.12dB

Peak SAR (extrapolated) = 0.891 W/kg

SAR(1 g) = 0.525 W/kg ; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 0.577 W/kg



0 dB = 0.577 W/kg = -2.39 dBW/kg

W850 Rear

Communication System: UID 0, WCDMA Band 5 (0); Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 847$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 41.054$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(9.26, 9.26, 9.26); Calibrated: 11/6/2019;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

W850 Rear/Area Scan (61x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.561 W/kg

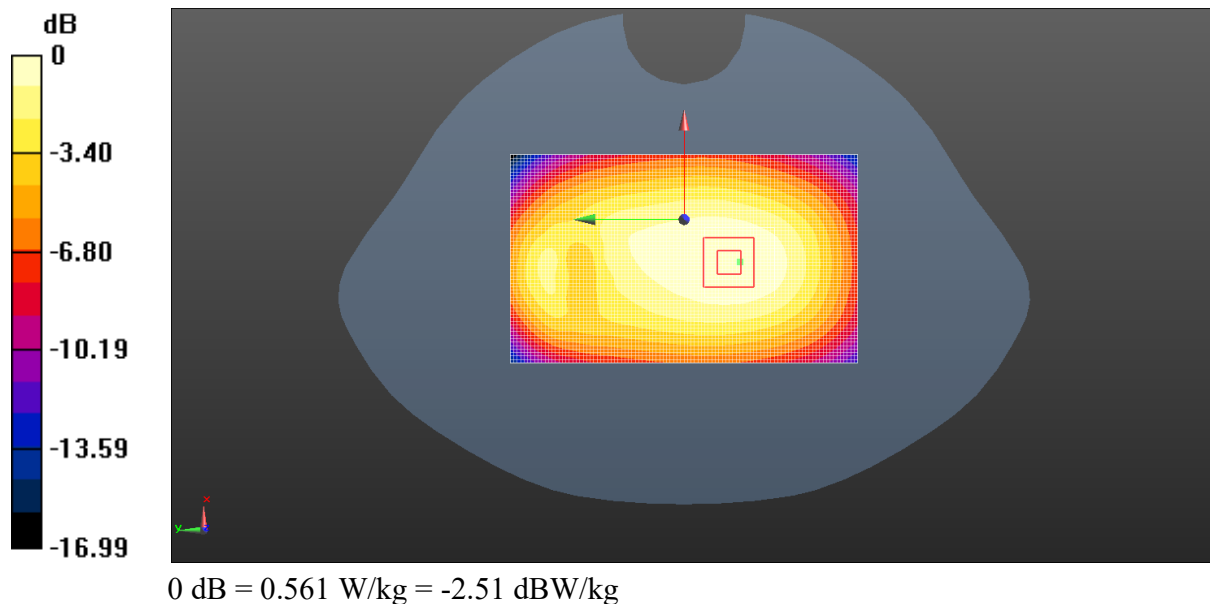
W850 Rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 22.52 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.546 W/kg

SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.427 W/kg

Maximum value of SAR (measured) = 0.516 W/kg



Procedure Name: LTE B2 Bottom

Communication System: UID 0, Generic LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1860$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 38.295$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.69, 7.69, 7.69); Calibrated: 11/6/2019;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE B2 Bottom/Area Scan (61x31x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.631 W/kg

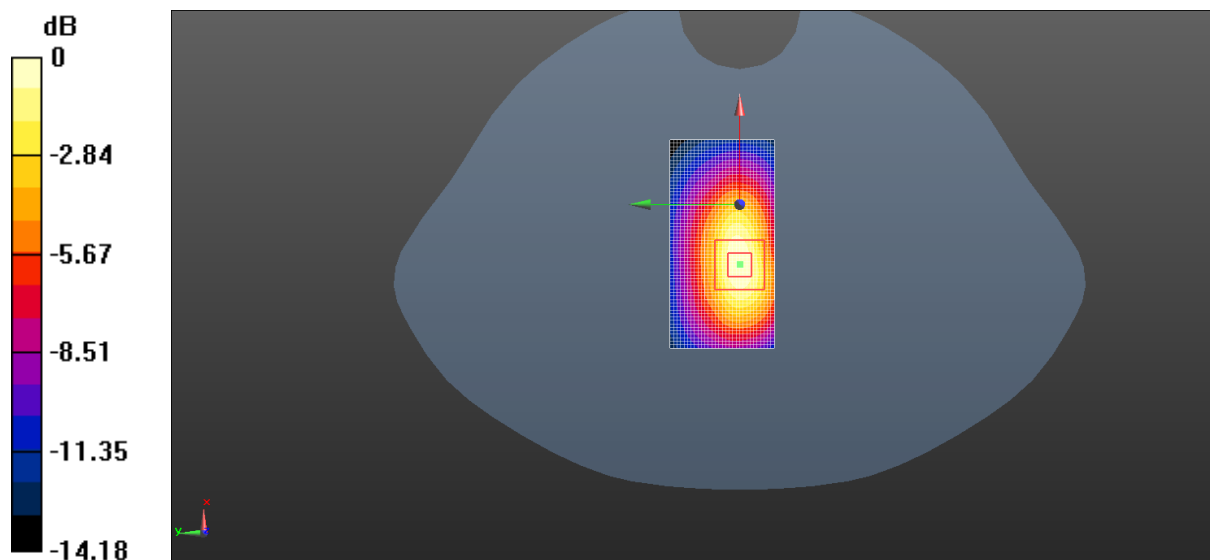
LTE B2 Bottom/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 19.77 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.936 W/kg

SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.305 W/kg

Maximum value of SAR (measured) = 0.630 W/kg



0 dB = 0.631 W/kg = -2.00 dBW/kg

Procedure Name: LTE B2 Rear

Communication System: UID 0, Generic LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1860$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 38.295$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.69, 7.69, 7.69); Calibrated: 11/6/2019;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE B2 Rear/Area Scan (61x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.576 W/kg

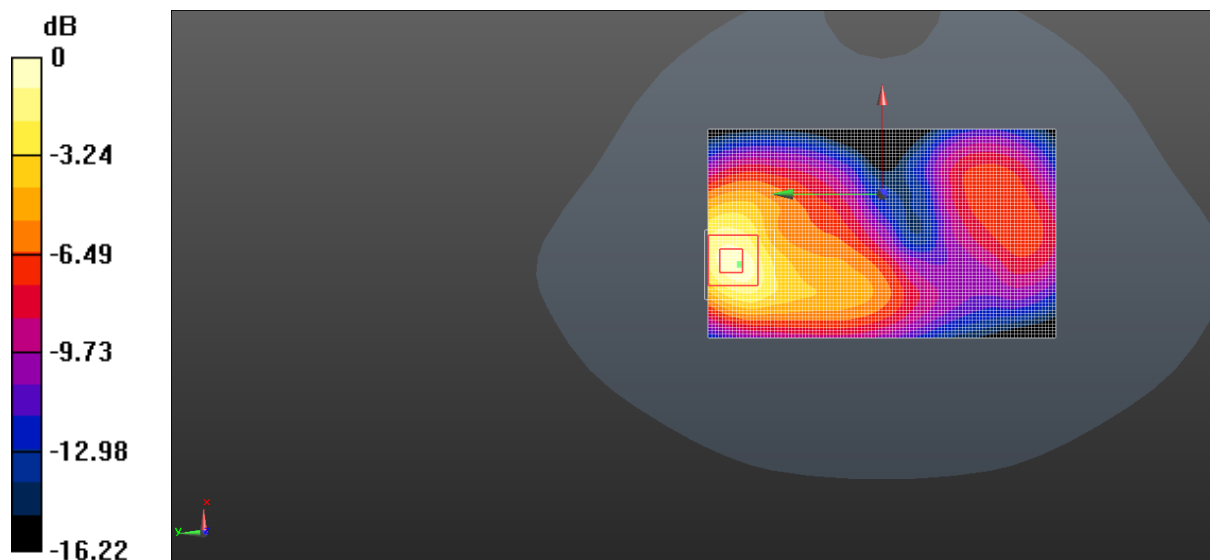
LTE B2 Rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.531 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.936 W/kg

SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.310 W/kg

Maximum value of SAR (measured) = 0.613 W/kg



0 dB = 0.613 W/kg = -2.13 dBW/kg

LTE B4 Rear

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1720$ MHz; $\sigma = 1.329$ S/m; $\epsilon_r = 38.94$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(8.02, 8.02, 8.02); Calibrated: 11/6/2019;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE B4 Rear/Area Scan (61x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.747 W/kg

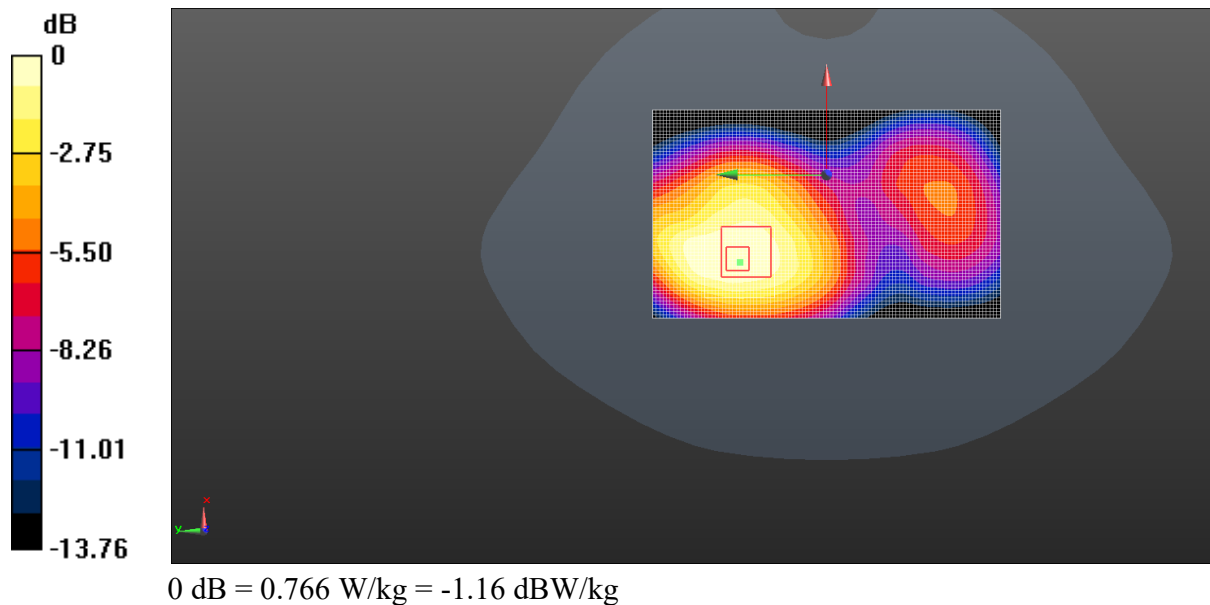
LTE B4 Rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.71 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.477 W/kg

Maximum value of SAR (measured) = 0.766 W/kg



LTE B5 Rear

Communication System: UID 0, Generic LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 41.193$; $\rho = 1000$ kg/m³ Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(9.26, 9.26, 9.26); Calibrated: 11/6/2019;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE B5 Rear/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.531 W/kg

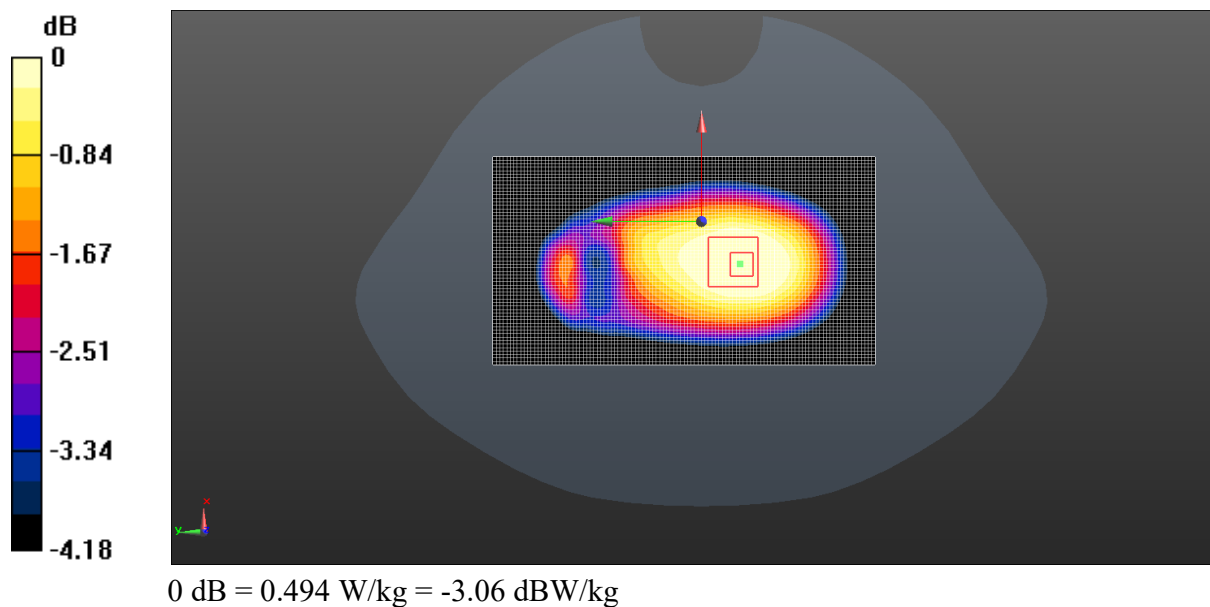
LTE B5 Rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.30 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.531 W/kg

SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.412 W/kg

Maximum value of SAR (measured) = 0.494 W/kg



LTE Band 7 Bottom

Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2560$ MHz; $\sigma = 1.938$ S/m; $\epsilon_r = 38.477$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7, 7, 7); Calibrated: 11/6/2019;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 7 Bottom/Area Scan (61x31x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.21 W/kg

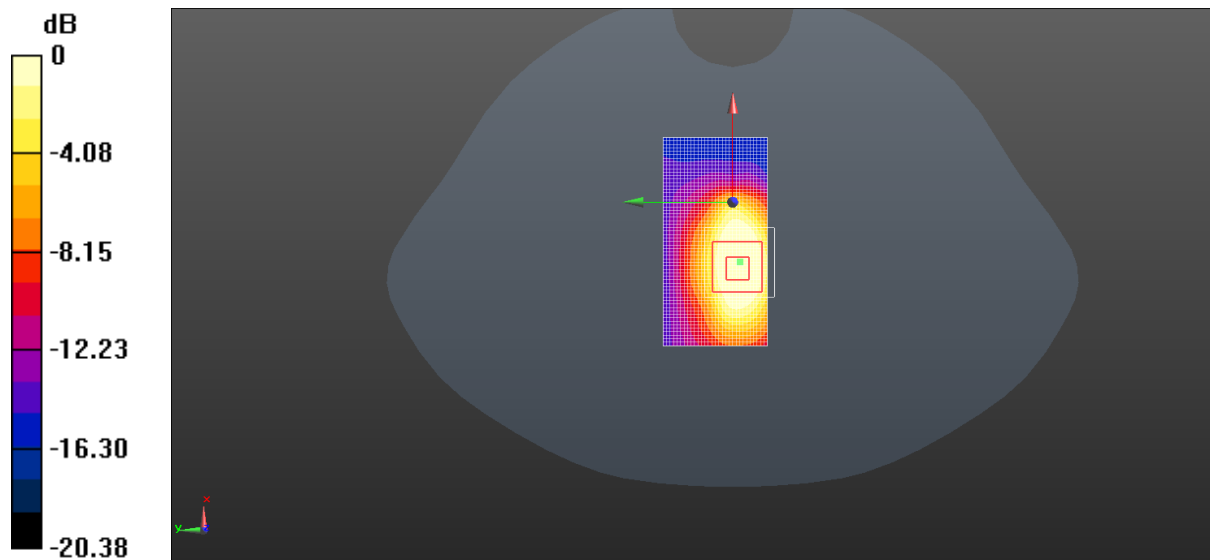
LTE Band 7 Bottom/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 17.22 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.634 W/kg; SAR(10 g) = 0.295 W/kg

Maximum value of SAR (measured) = 0.704 W/kg



0 dB = 0.704 W/kg = -1.52 dBW/kg

LTE Band 7 Rear

Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2560$ MHz; $\sigma = 1.938$ S/m; $\epsilon_r = 38.477$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7, 7, 7); Calibrated: 11/6/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 7 Rear/Area Scan (61x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.616 W/kg

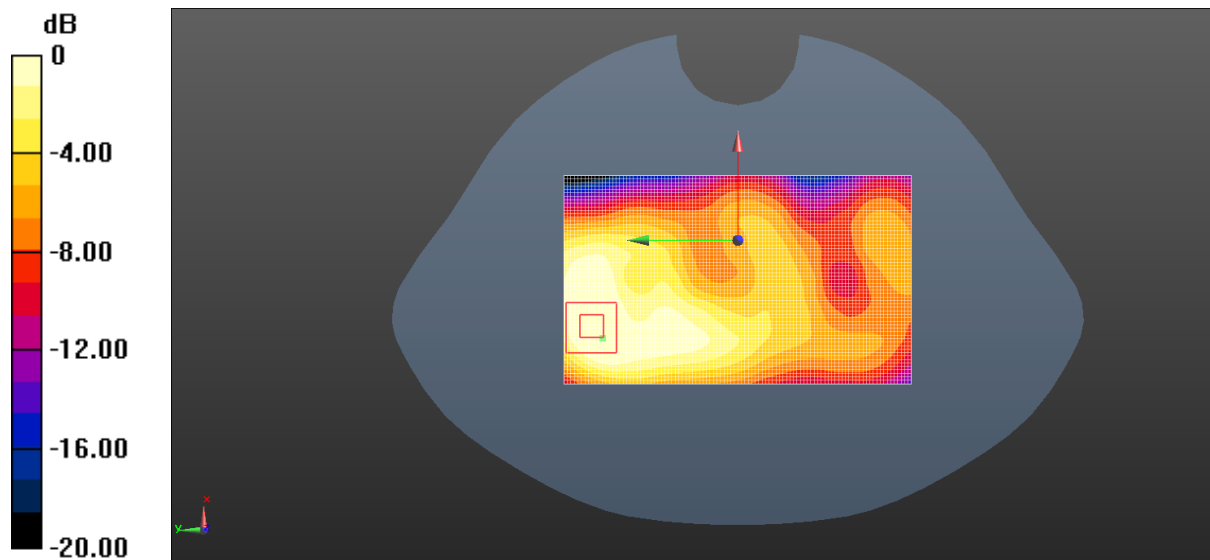
LTE Band 7 Rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.733 V/m; Power Drift = -0.15dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 0.402 W/kg



0 dB = 0.402 W/kg = -3.96 dBW/kg

LTE Band 38 Bottom

Communication System: UID 0, LTE Band 38 (0); Frequency: 2594.9 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2595$ MHz; $\sigma = 1.979$ S/m; $\epsilon_r = 38.298$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7, 7, 7); Calibrated: 11/6/2019;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 38 Bottom/Area Scan (61x31x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.832 W/kg

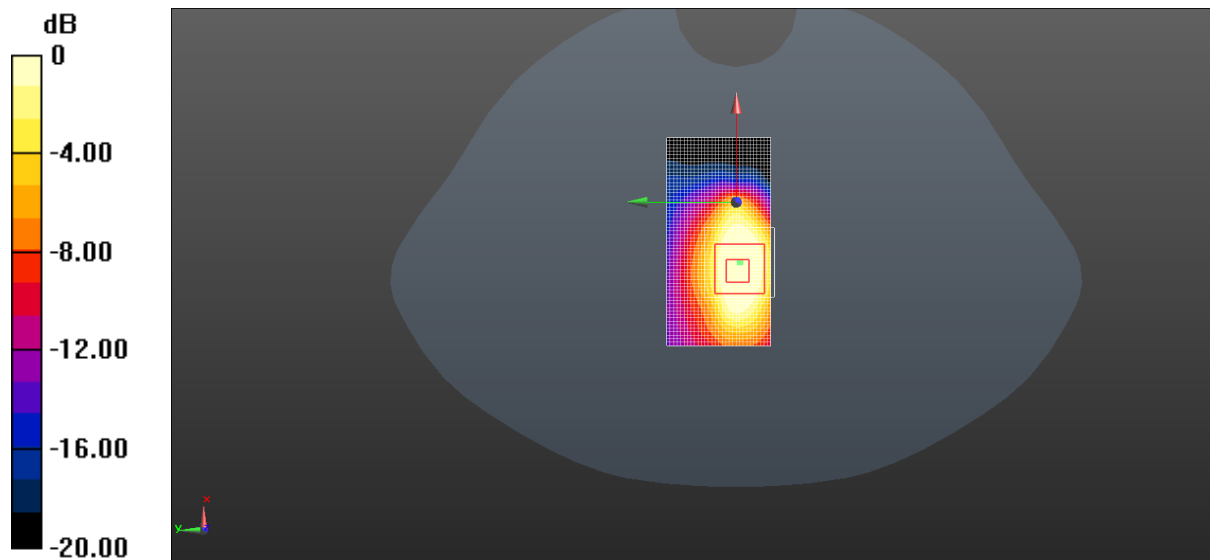
LTE Band 38 Bottom/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.93 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.974 W/kg

SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.207 W/kg

Maximum value of SAR (measured) = 0.515 W/kg



0 dB = 0.515 W/kg = -2.88 dBW/kg

LTE Band 38 Rear

Communication System: UID 0, Generic LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2595$ MHz; $\sigma = 1.979$ S/m; $\epsilon_r = 38.298$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7, 7, 7); Calibrated: 11/6/2019;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 38 Rear/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.401 W/kg

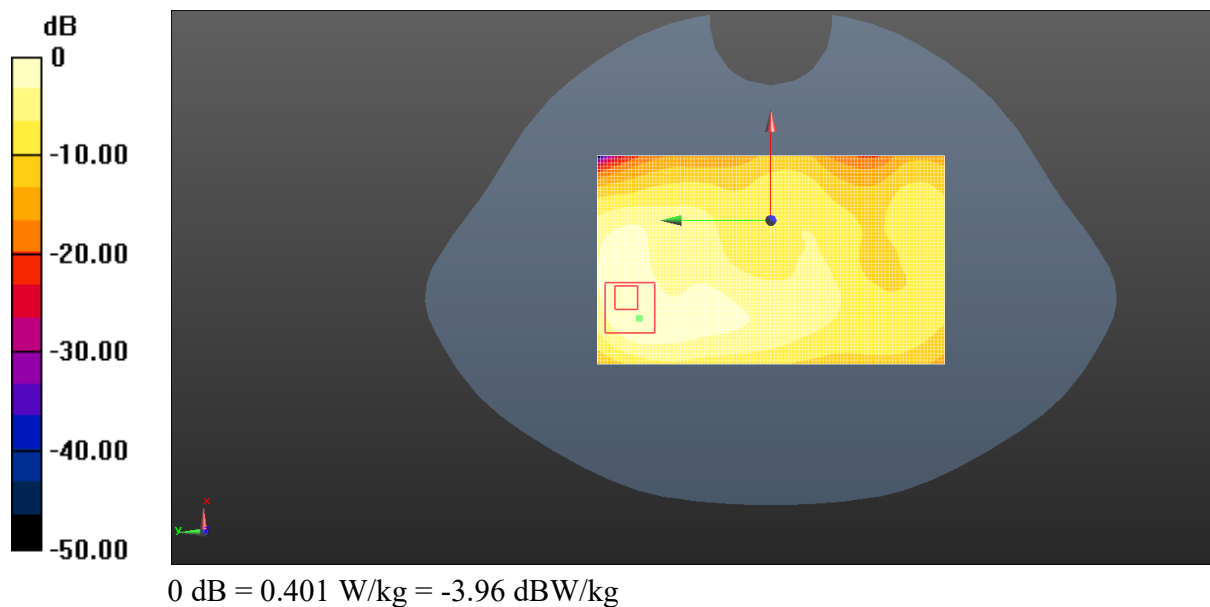
LTE Band 38 Rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.436 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.491 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.109 W/kg

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



WIFI 2.4G Rear

Communication System: UID 0, WLAN2450 (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.865$ S/m; $\epsilon_r = 50.593$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.2, 7.2, 7.2); Calibrated: 11/6/2019;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 10/16/2019
- Phantom: SAM 1 ; Type: QD 000 P40 CB; Serial: TP - 1438
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

WIFI 2.4G Rear/Area Scan (61x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

WIFI 2.4G Rear/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.549 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0997 W/kg

