

Test Plot 1#: GSM 850_Head Left Cheek_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0386 W/kg

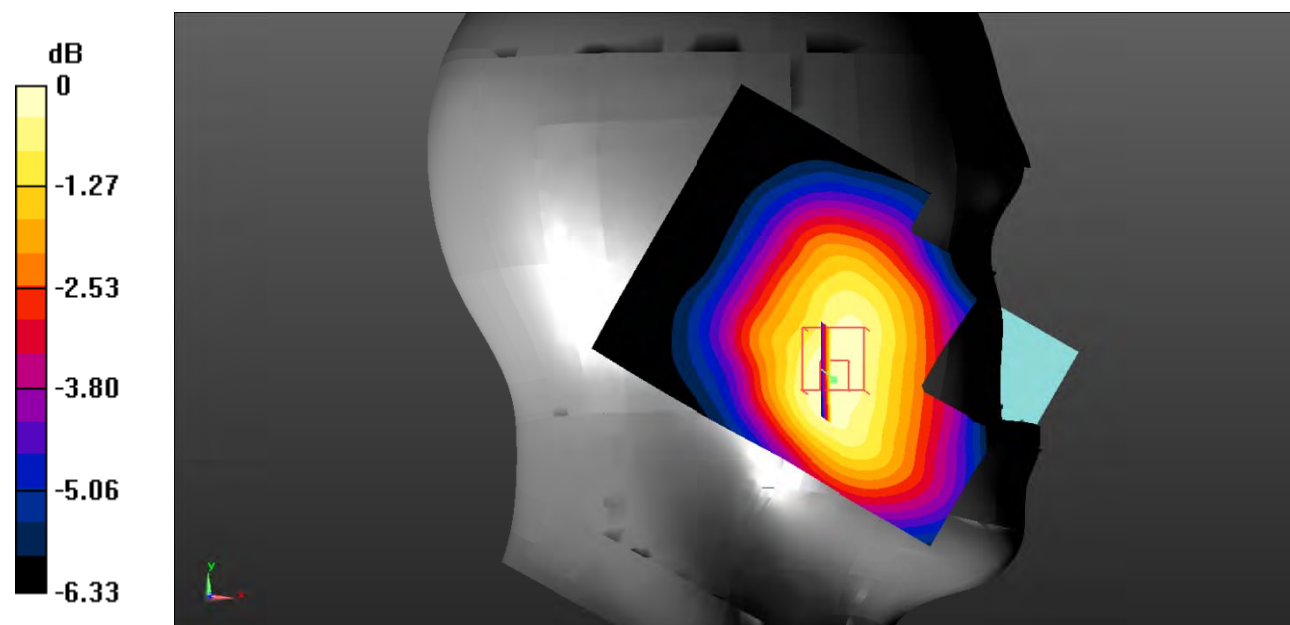
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.785 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0440 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.0375 W/kg



0 dB = 0.0375 W/kg = -14.26 dBW/kg

Test Plot 2#: GSM 850_Head Left Tilt_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0214 W/kg

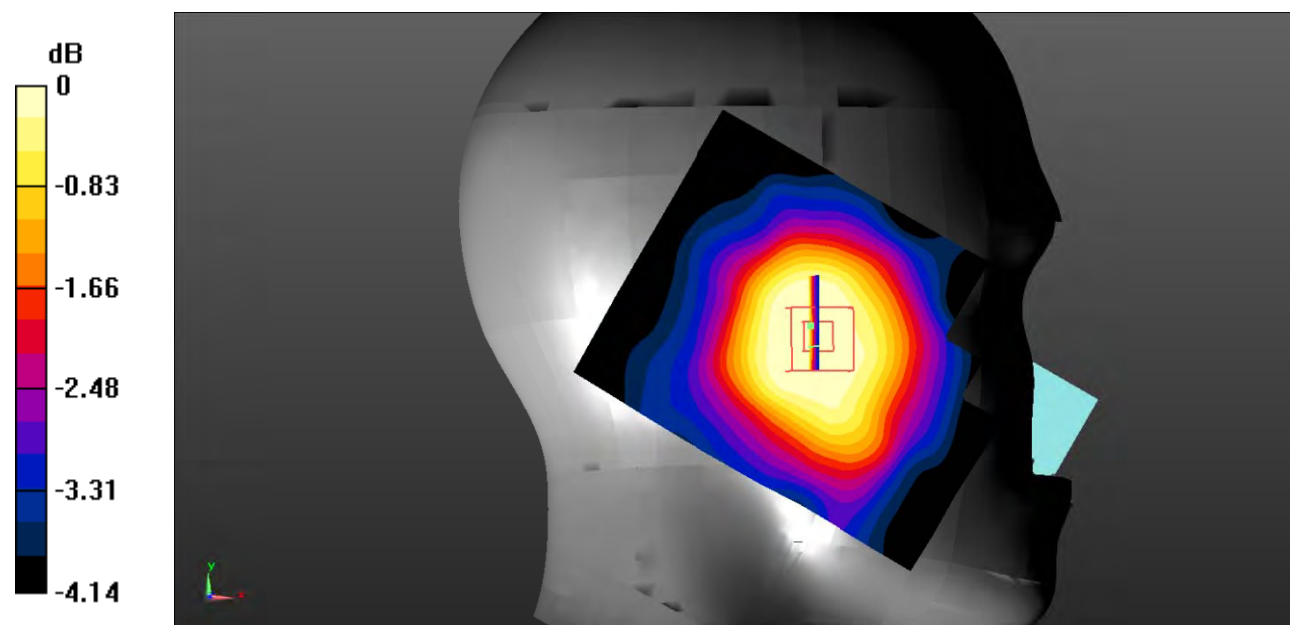
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.398 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0240 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0204 W/kg



0 dB = 0.0204 W/kg = -16.90 dBW/kg

Test Plot 3#: GSM 850_Head Right Cheek_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0392 W/kg

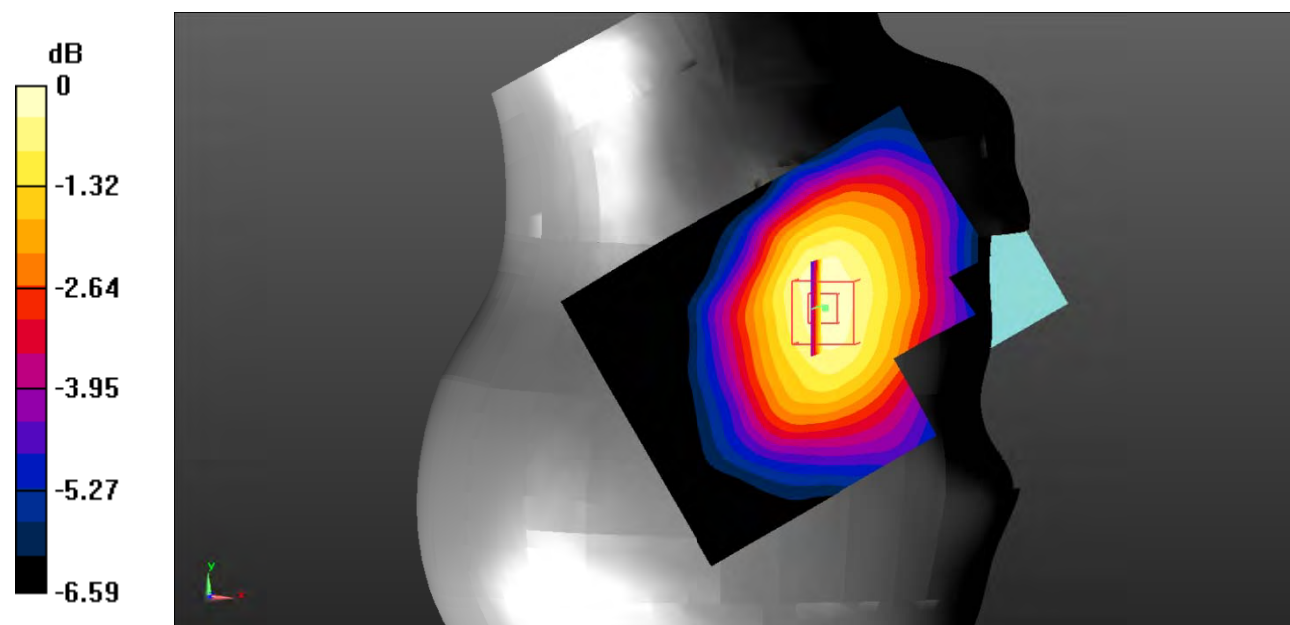
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.639 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.0470 W/kg

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

Maximum value of SAR (measured) = 0.0404 W/kg



0 dB = 0.0404 W/kg = -13.94 dBW/kg

Test Plot 4#: GSM 850_Head Right Tilt_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0218 W/kg

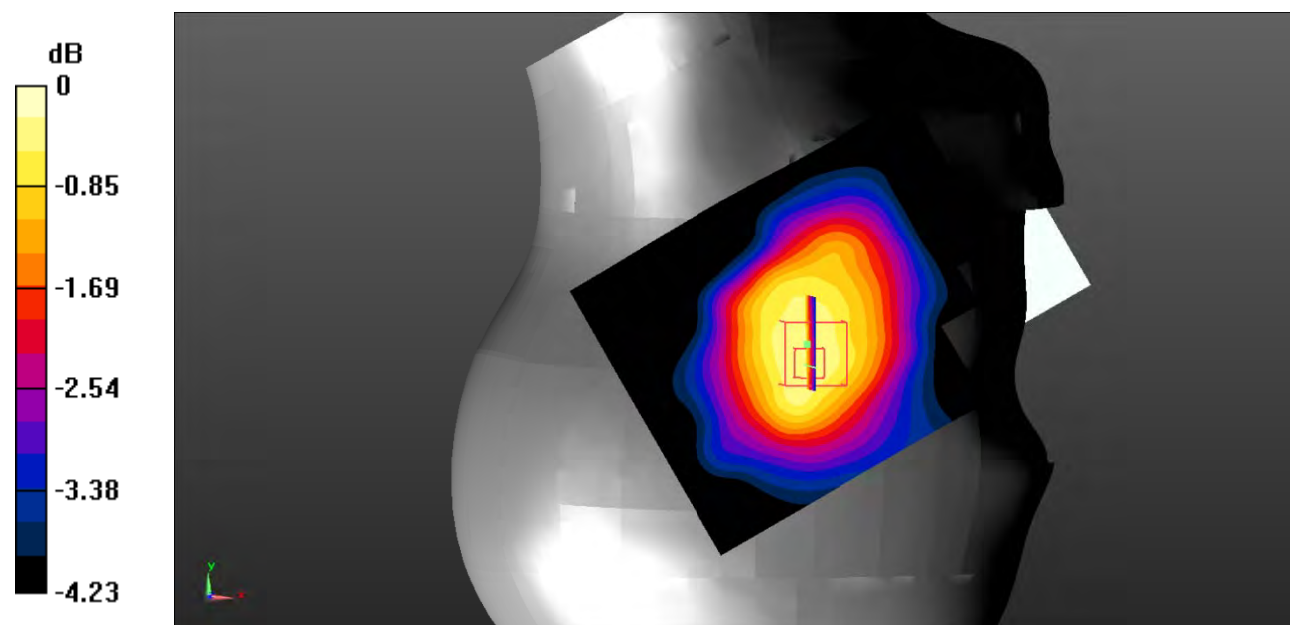
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.625 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0260 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0233 W/kg



0 dB = 0.0233 W/kg = -16.33 dBW/kg

Test Plot 5#: GSM 850_Body Worn Back_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0456 W/kg

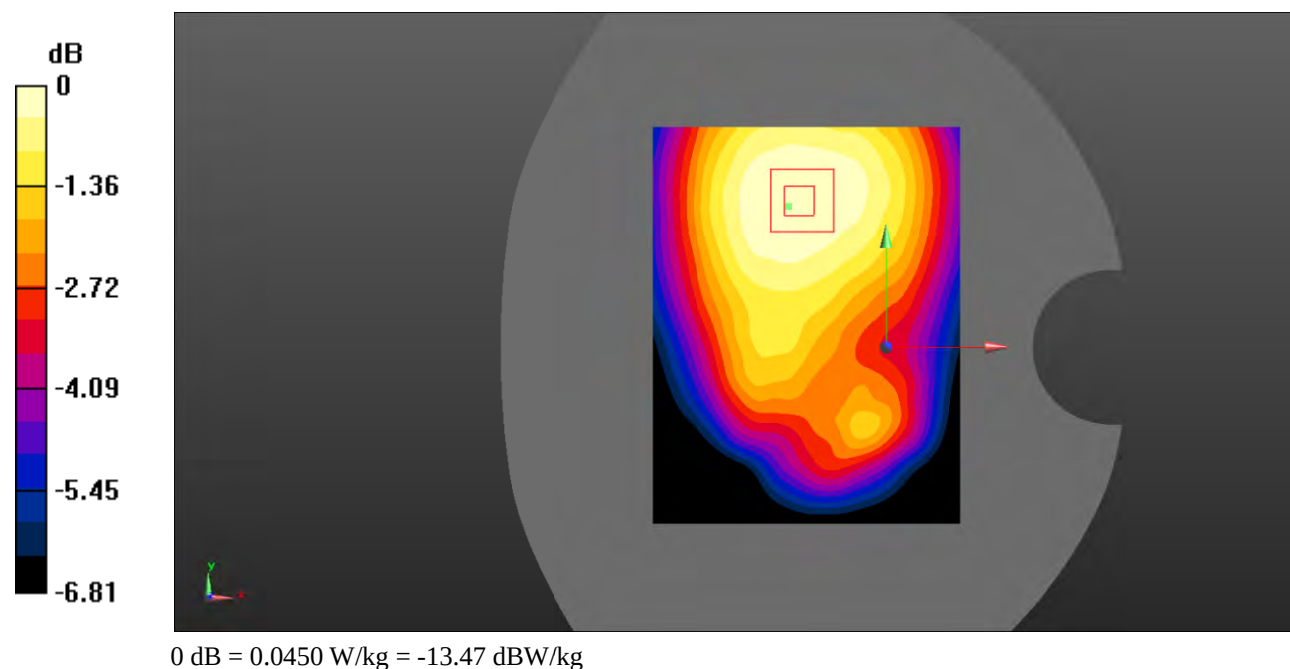
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.606 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.0550 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.0450 W/kg



Test Plot 6#: GSM 850_Body Back_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

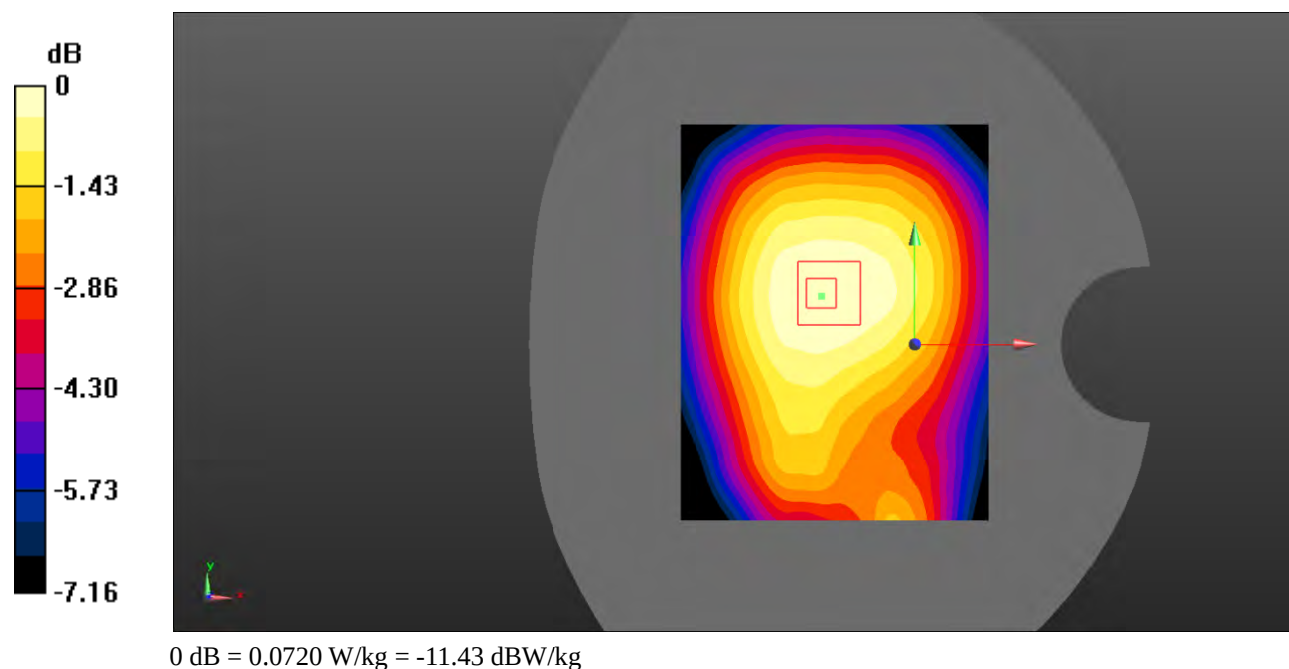
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.435 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0870 W/kg

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

Maximum value of SAR (measured) = 0.0720 W/kg



Test Plot 7#: GSM 850_Body Left_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

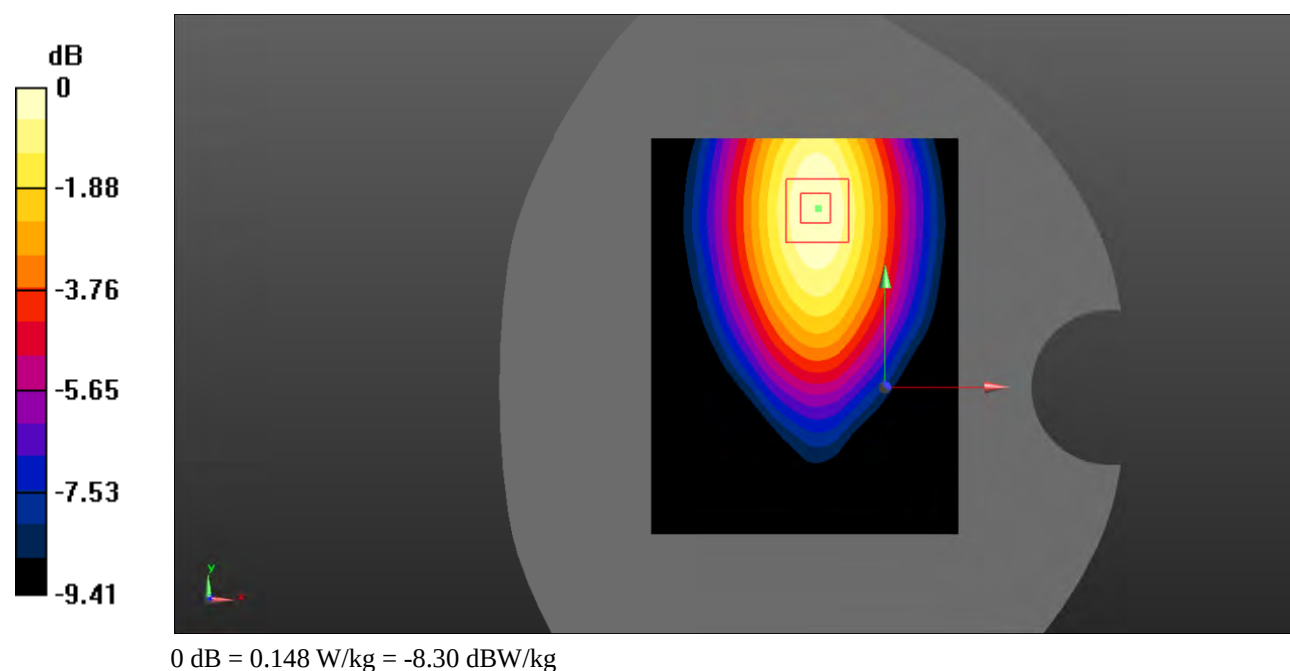
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.970 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.095 W/kg

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



Test Plot 8#: GSM 850_Body Right_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.232 W/kg

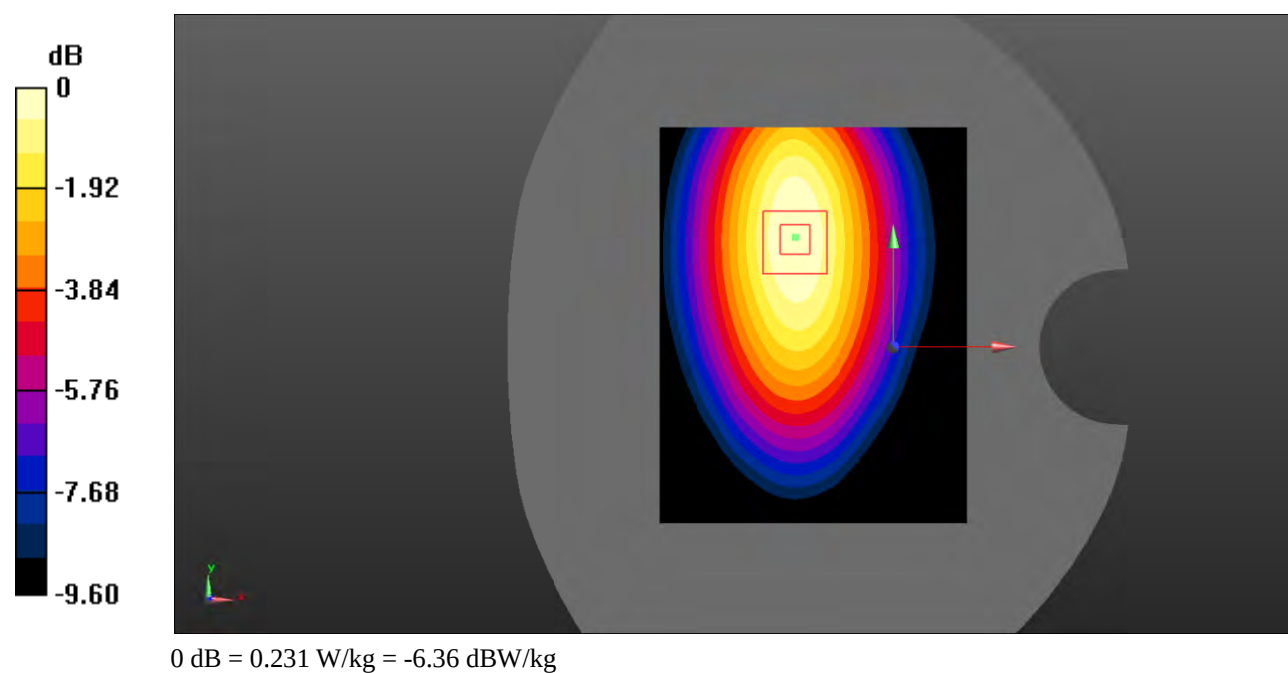
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.41 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.149 W/kg

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



Test Plot 9#: GSM 850_Body Bottom_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0558 W/kg

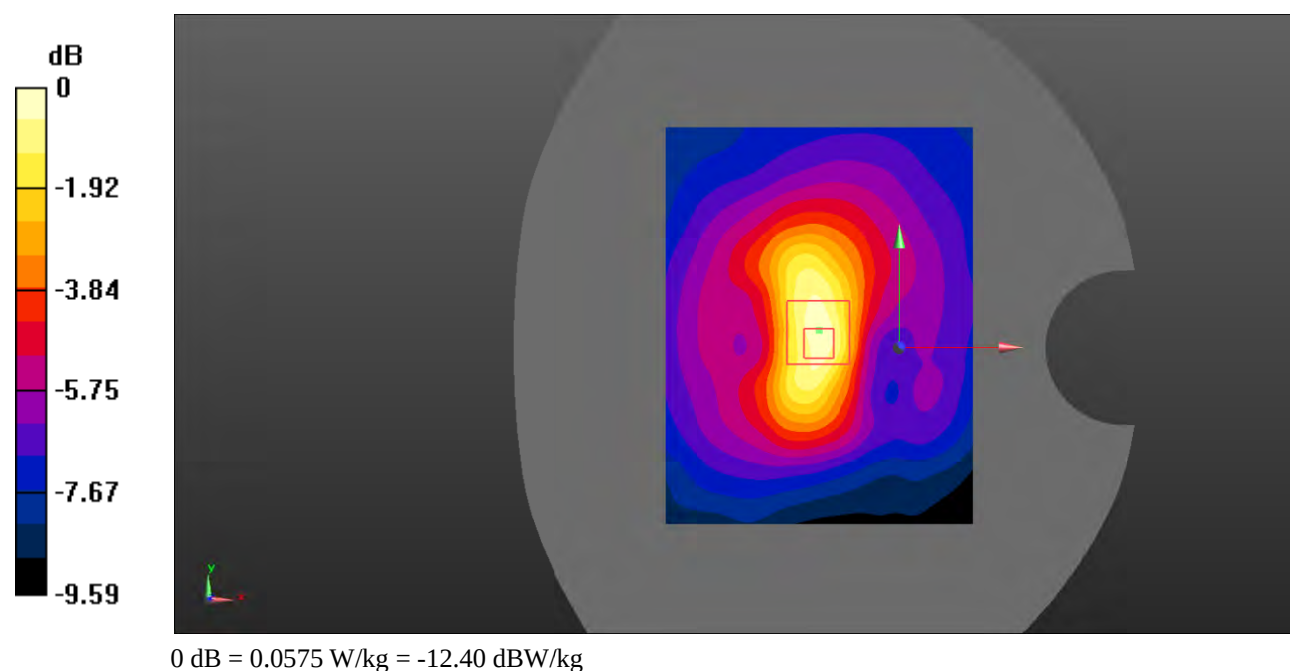
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.770 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0880 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.031 W/kg

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



Test Plot 10#: GSM 1900_Head Left Cheek_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 40.517$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.17, 8.17, 8.17) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0962 W/kg

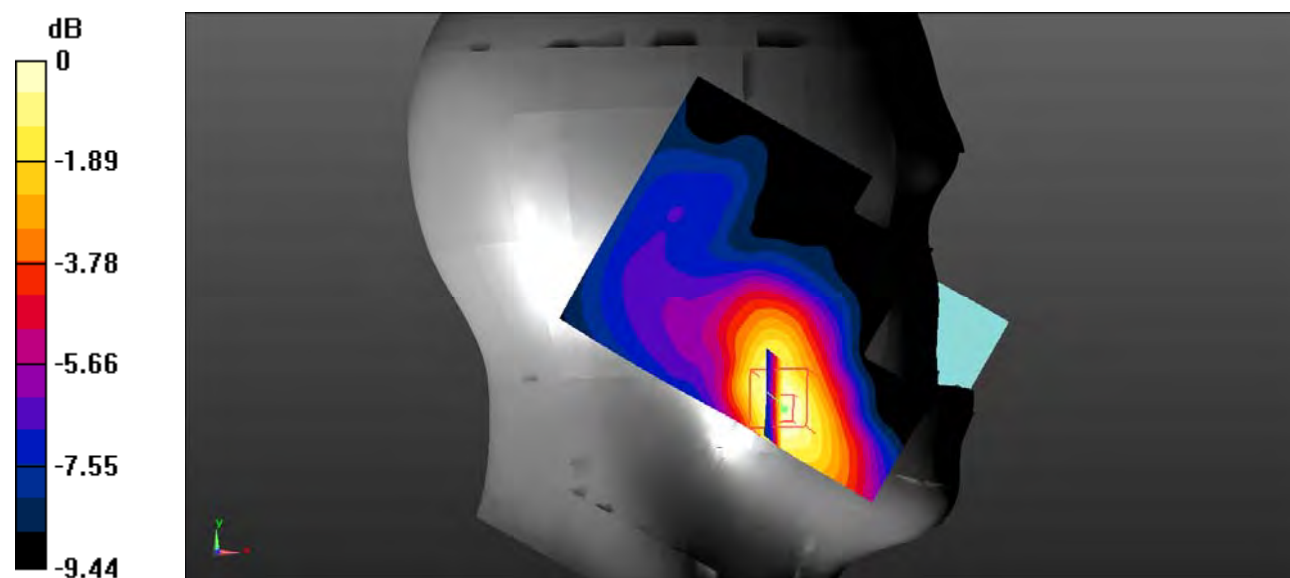
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.744 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.0992 W/kg



0 dB = 0.0992 W/kg = -10.03 dBW/kg

Test Plot 11#: GSM 1900_Head Left Tilt_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 40.517$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.17, 8.17, 8.17) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0349 W/kg

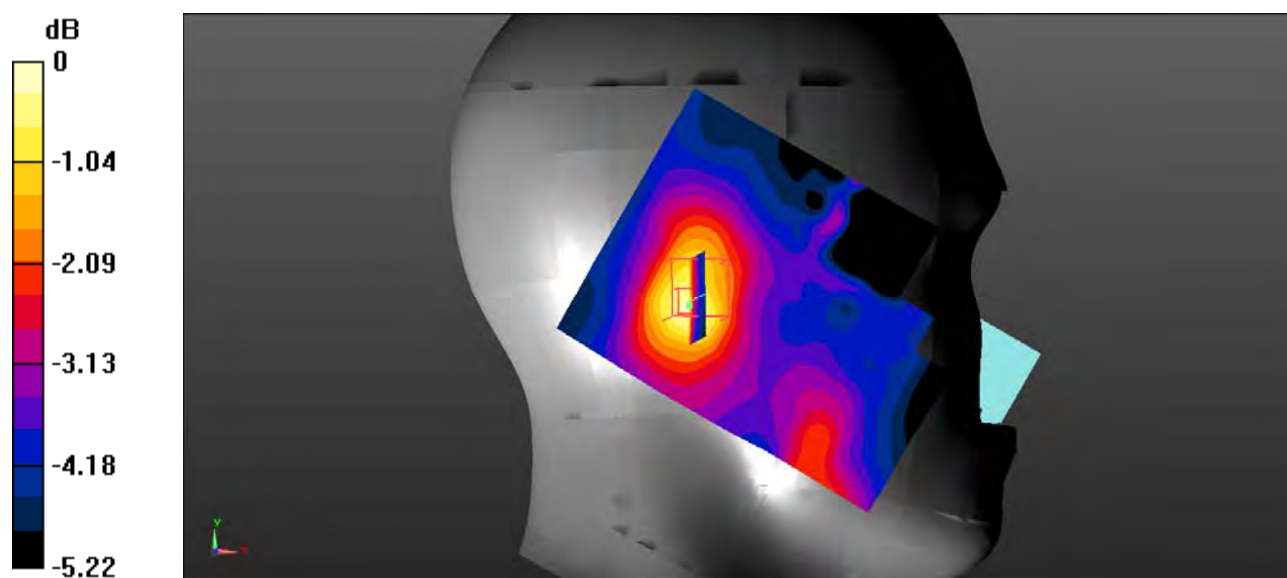
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.692 V/m; Power Drift = 0.0018 dB

Peak SAR (extrapolated) = 0.0640 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0371 W/kg



0 dB = 0.0371 W/kg = -14.31 dBW/kg

Test Plot 12#: GSM 1900_Head Right Cheek_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 40.517$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.17, 8.17, 8.17) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0558 W/kg

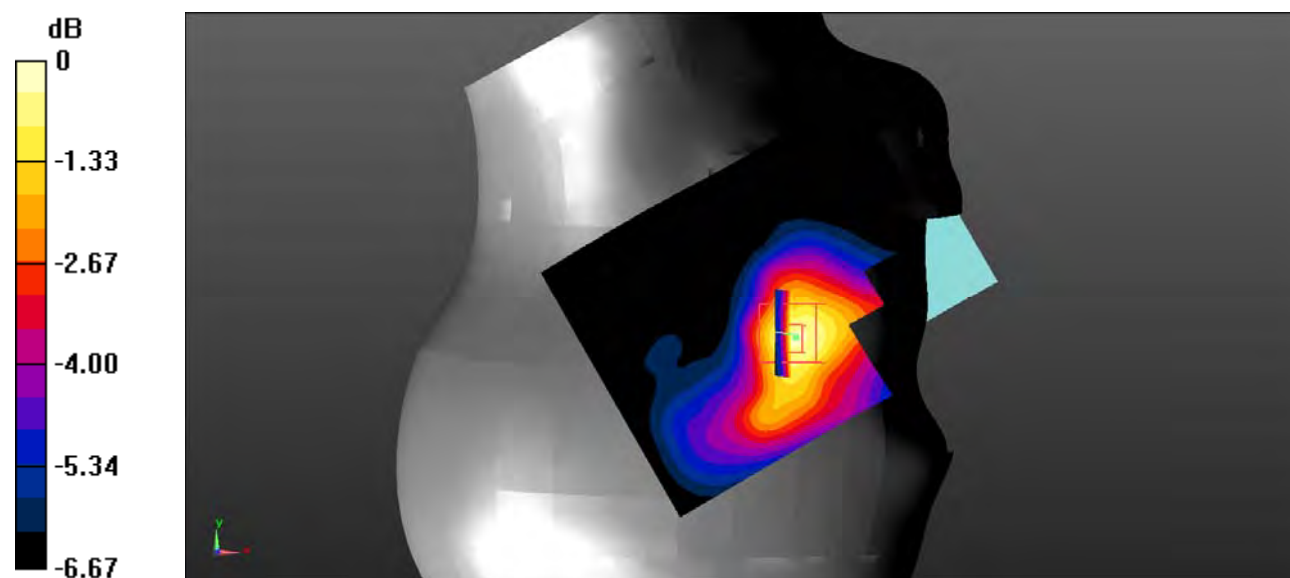
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.252 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0800 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0607 W/kg



0 dB = 0.0607 W/kg = -12.17 dBW/kg

Test Plot 13#: GSM 1900_Head Right Tilt_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 40.517$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.17, 8.17, 8.17) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0497 W/kg

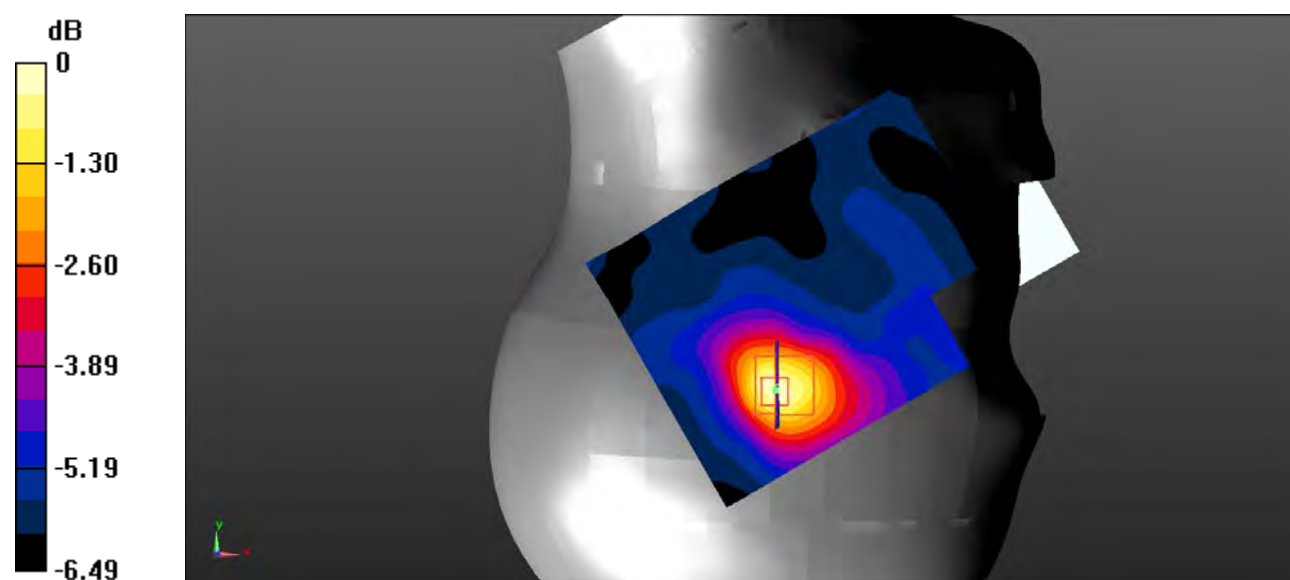
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.171 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.0760 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0510 W/kg



0 dB = 0.0510 W/kg = -12.92 dBW/kg

Test Plot 14#: GSM 1900_Body Worn Back _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 40.517$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.17, 8.17, 8.17) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

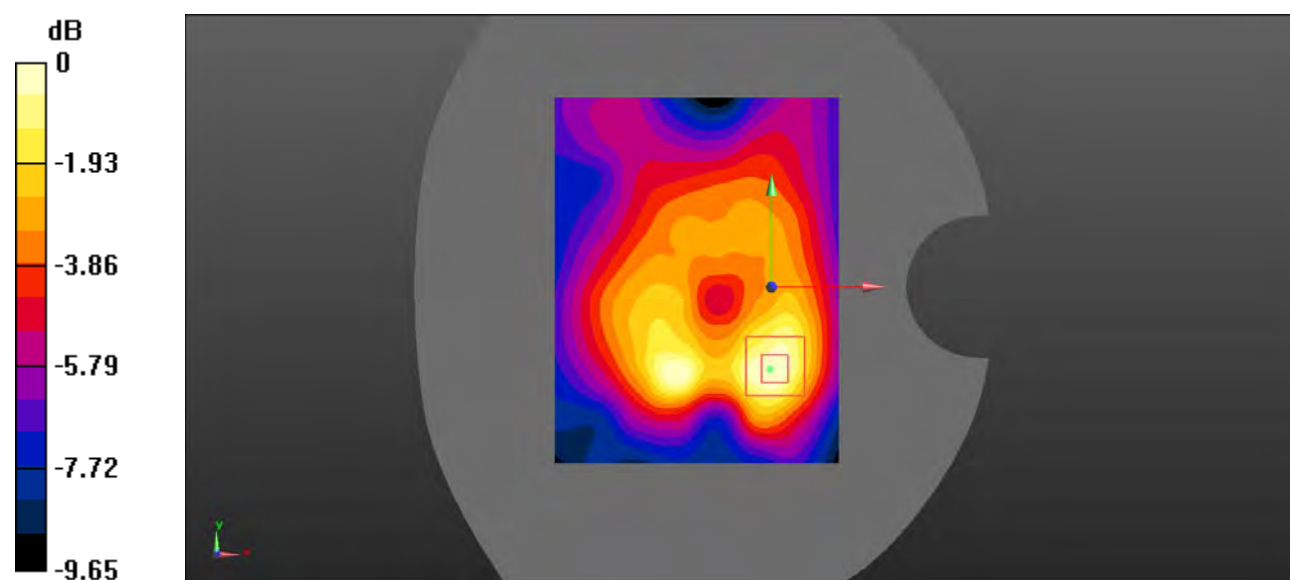
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.801 V/m; Power Drift = 0.031dB

Peak SAR (extrapolated) = 0.0910 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.029 W/kg

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



0 dB = 0.0536 W/kg = -12.71 dBW/kg

Test Plot 15#: GSM 1900_Body Back _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 40.517$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.17, 8.17, 8.17) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0737 W/kg

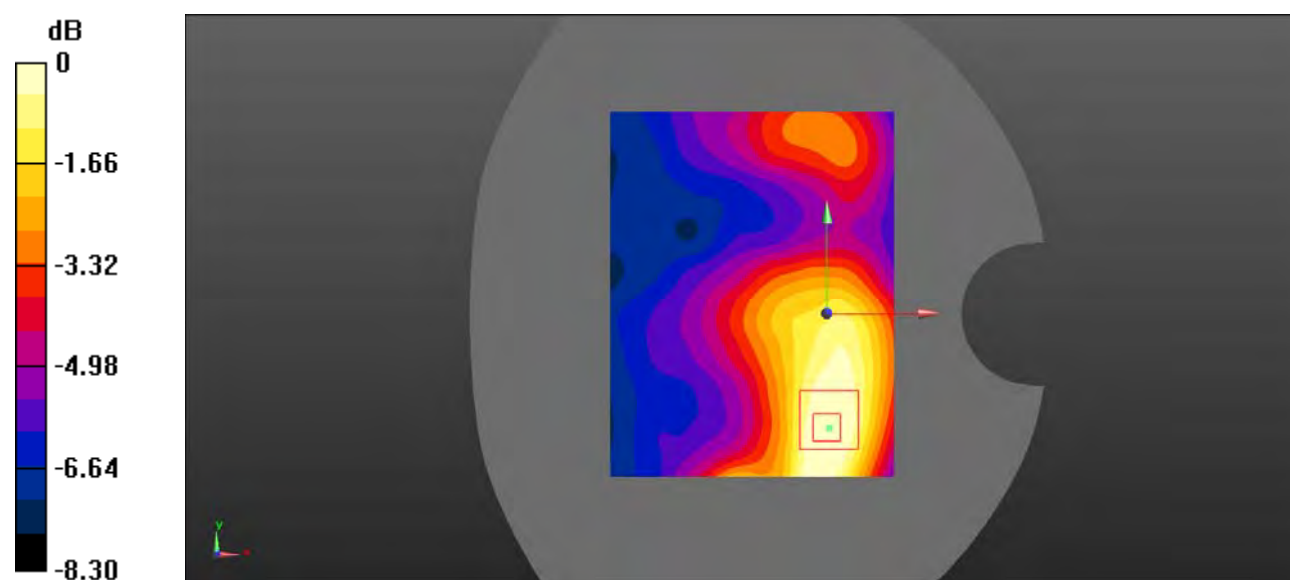
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.064 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0669 W/kg



0 dB = 0.0669 W/kg = -11.75 dBW/kg

Test Plot 16#: GSM 1900_Body Left _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 40.517$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.17, 8.17, 8.17) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0394 W/kg

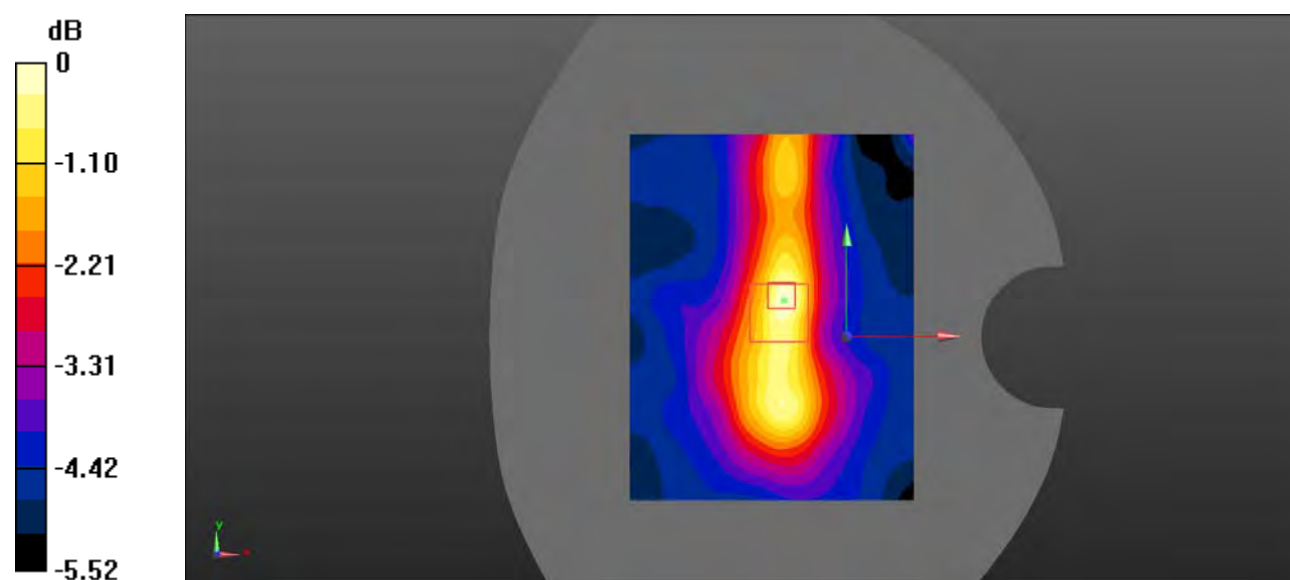
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.976 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.0800 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0400 W/kg



0 dB = 0.0400 W/kg = -13.98 dBW/kg

Test Plot 17#: GSM 1900_Body Right_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 40.517$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.17, 8.17, 8.17) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0309 W/kg

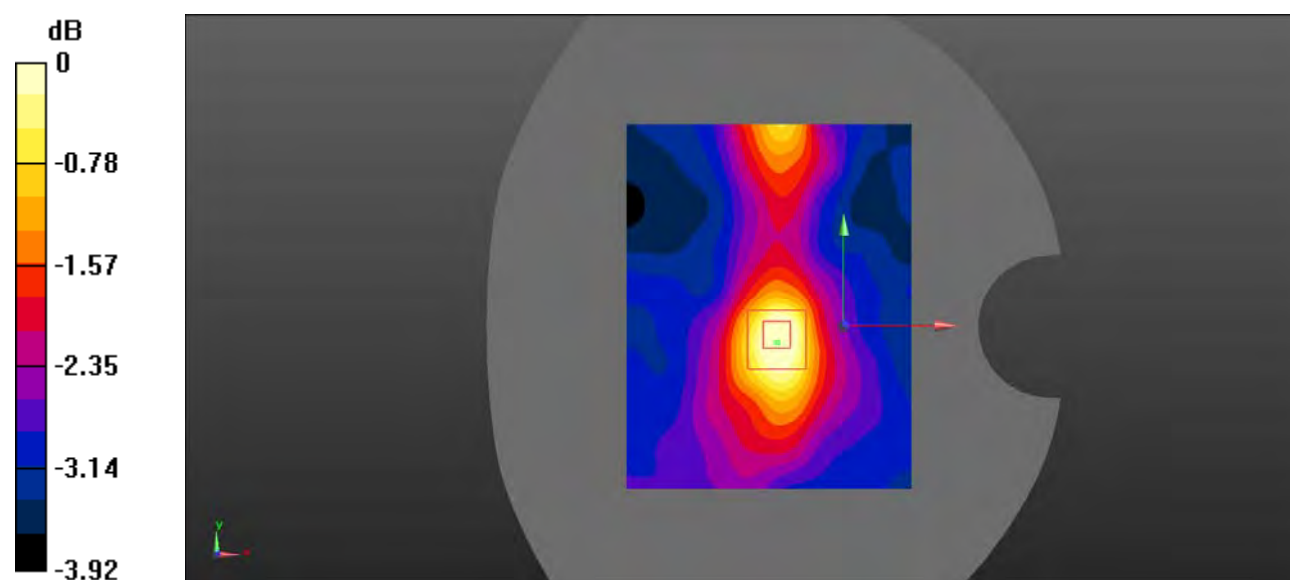
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.463 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0730 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0286 W/kg



0 dB = 0.0286 W/kg = -15.44 dBW/kg

Test Plot 18#: GSM 1900_Body Bottom_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 40.517$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.17, 8.17, 8.17) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0986 W/kg

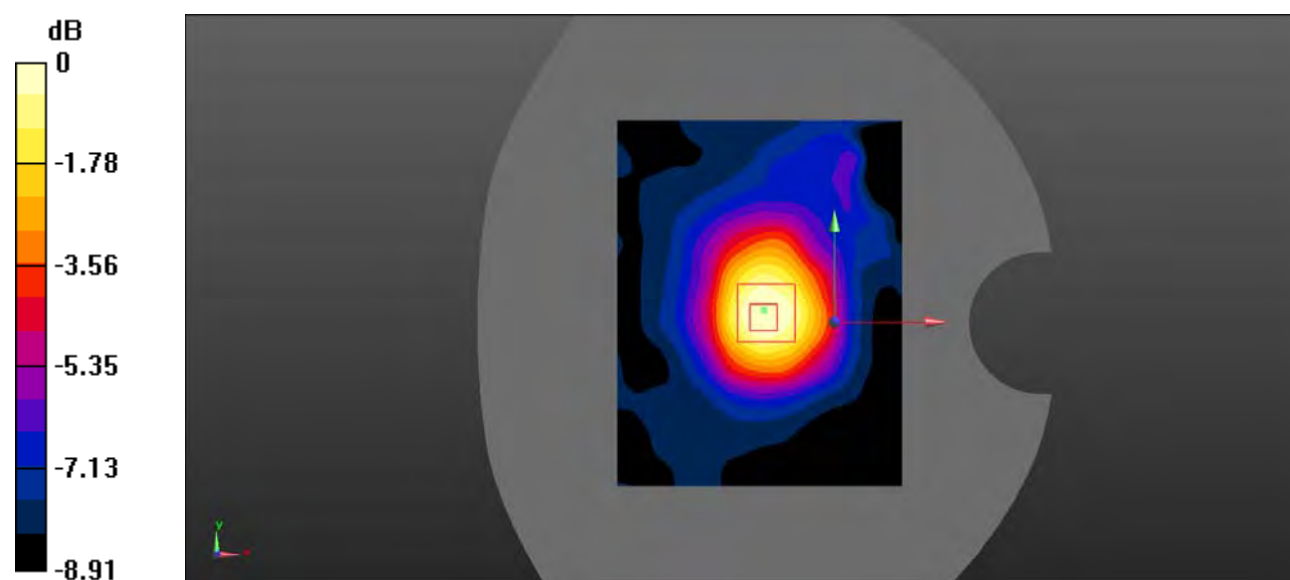
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.960 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.156 W/kg

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

Maximum value of SAR (measured) = 0.0931 W/kg



0 dB = 0.0931 W/kg = -10.31 dBW/kg

Test Plot 19#: WCDMA Band 4_Head Left Cheek_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.6$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.483$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0644 W/kg

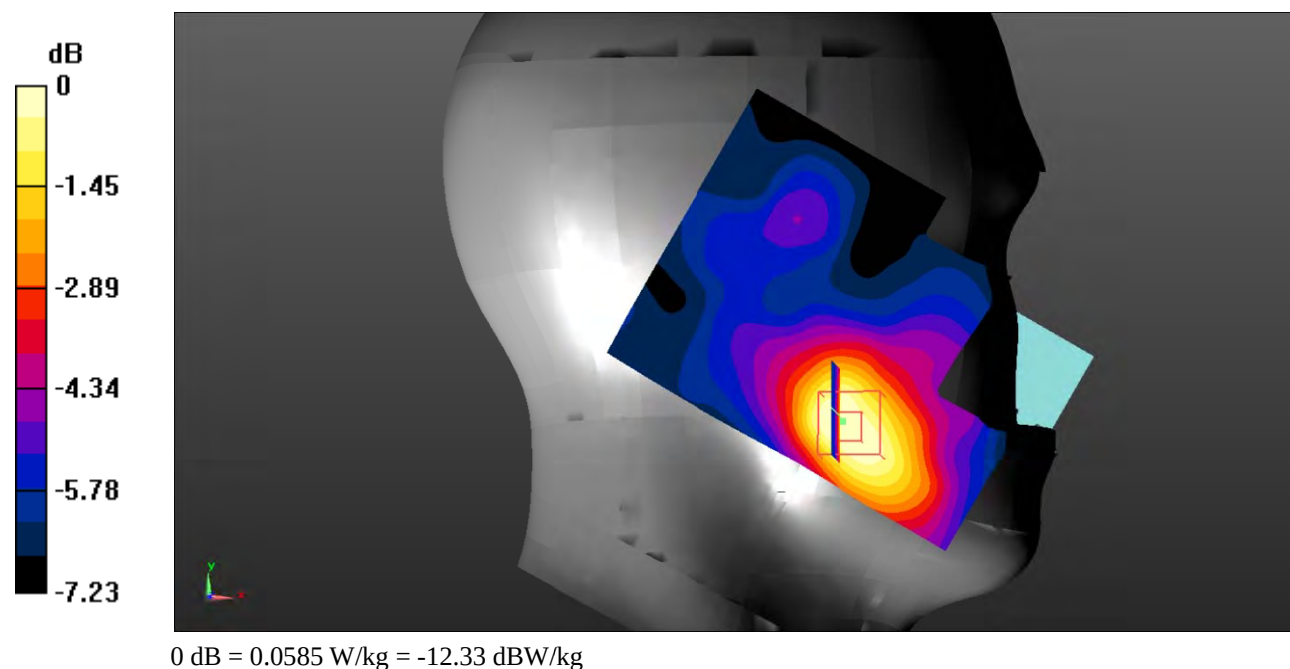
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.355 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0860 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0585 W/kg



Test Plot 20#: WCDMA Band 4_Head Left Tilt_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.6$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.483$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0190 W/kg

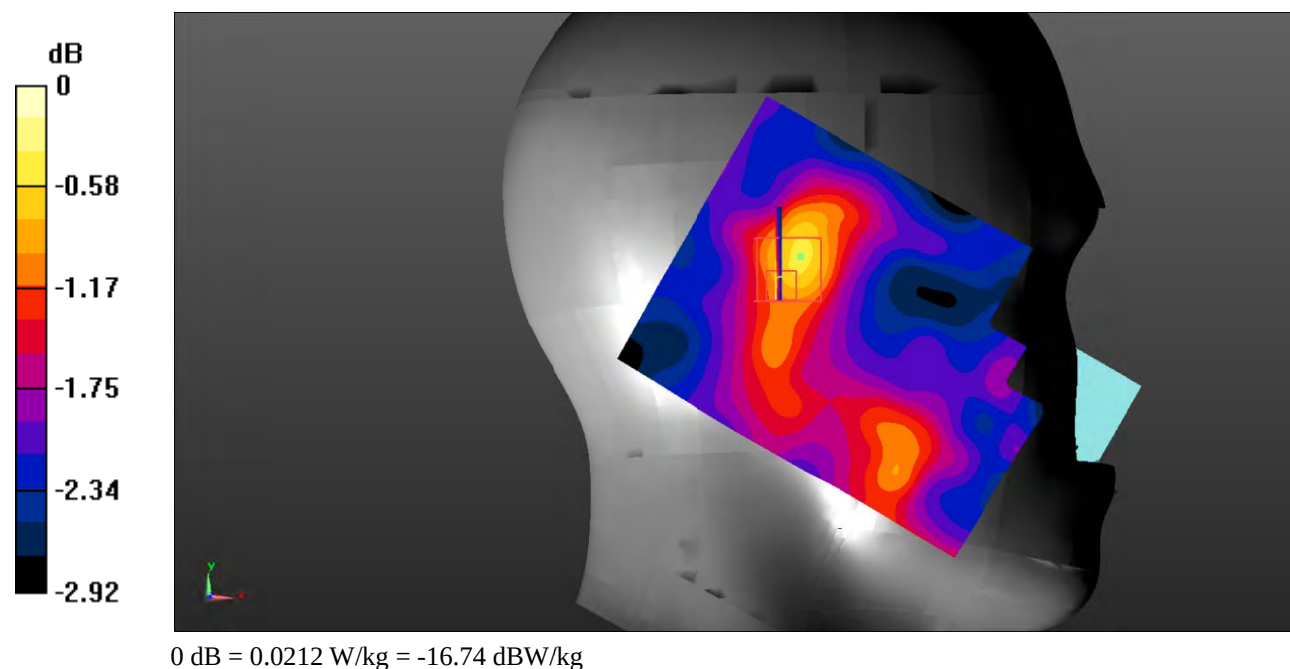
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.848 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.0270 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0212 W/kg



Test Plot 21#: WCDMA Band 4_Head Right Cheek_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.6$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.483$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0680 W/kg

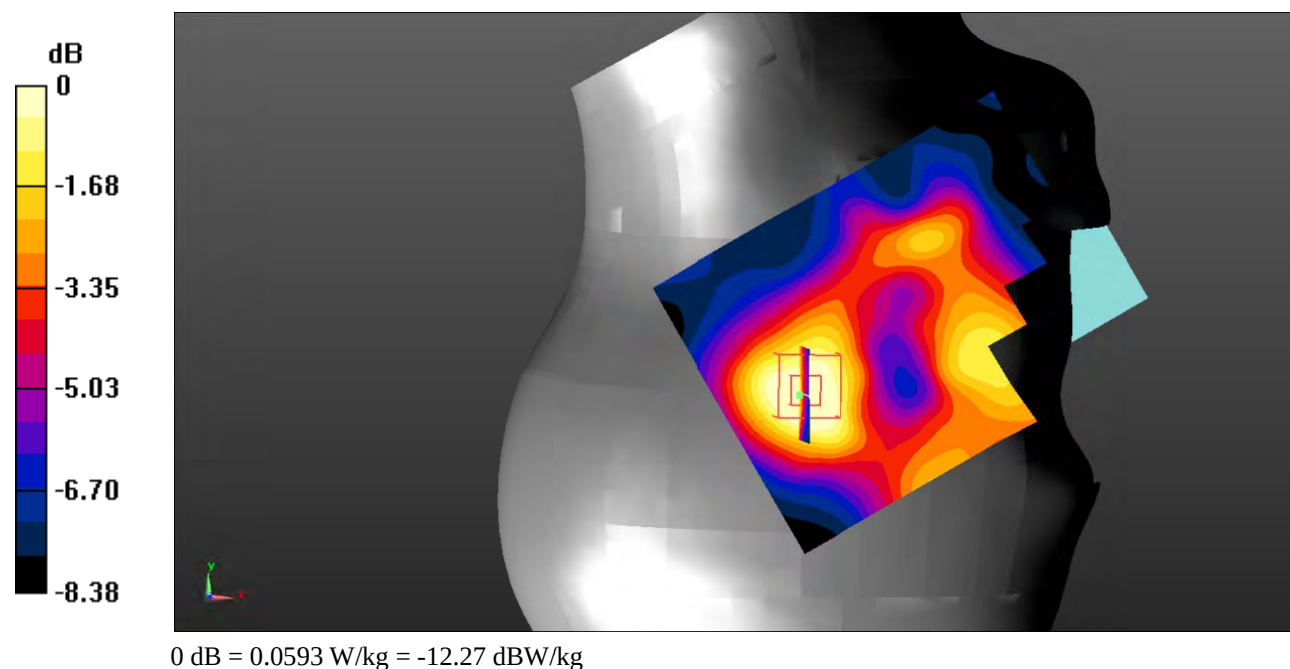
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.934 V/m; Power Drift = 0.138 dB

Peak SAR (extrapolated) = 0.0820 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.0593 W/kg



Test Plot 22#: WCDMA Band 4_Head Right Tilt_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.6$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.483$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0989 W/kg

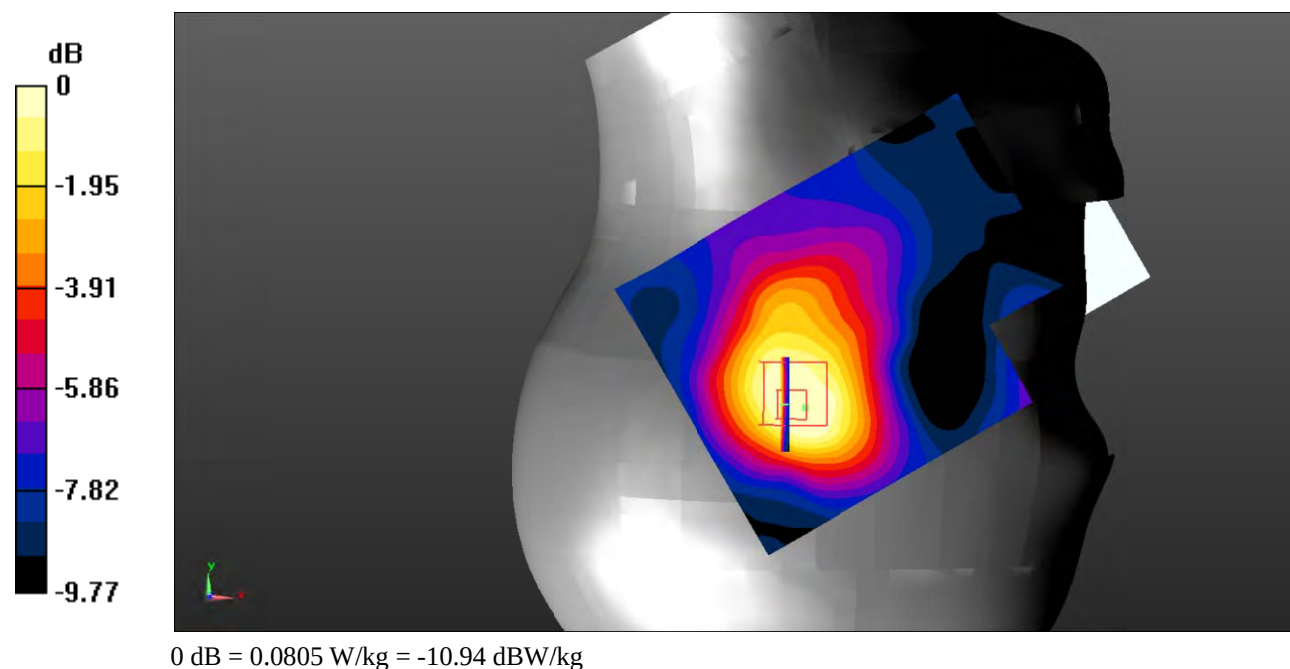
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.634 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.0805 W/kg



Test Plot 23#: WCDMA Band 4_Body Back_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.6$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.483$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0510 W/kg

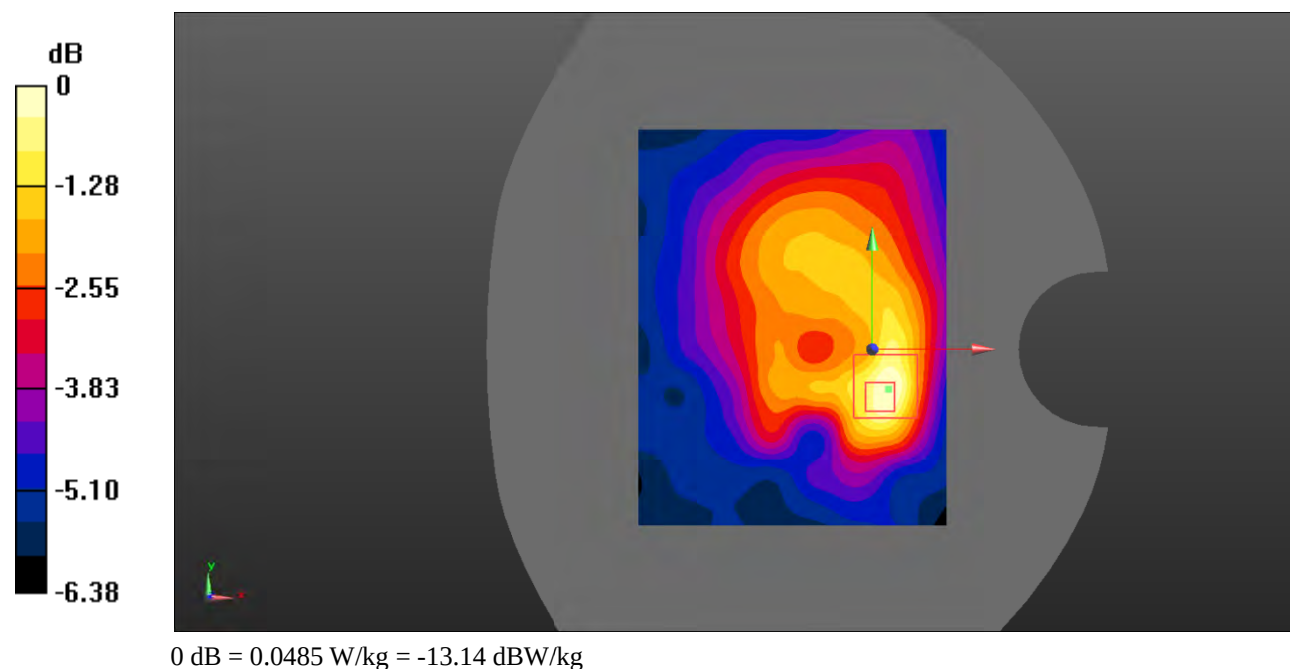
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.476 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0485 W/kg



Test Plot 24#: WCDMA Band 4_Body Left_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.6$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.483$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0972 W/kg

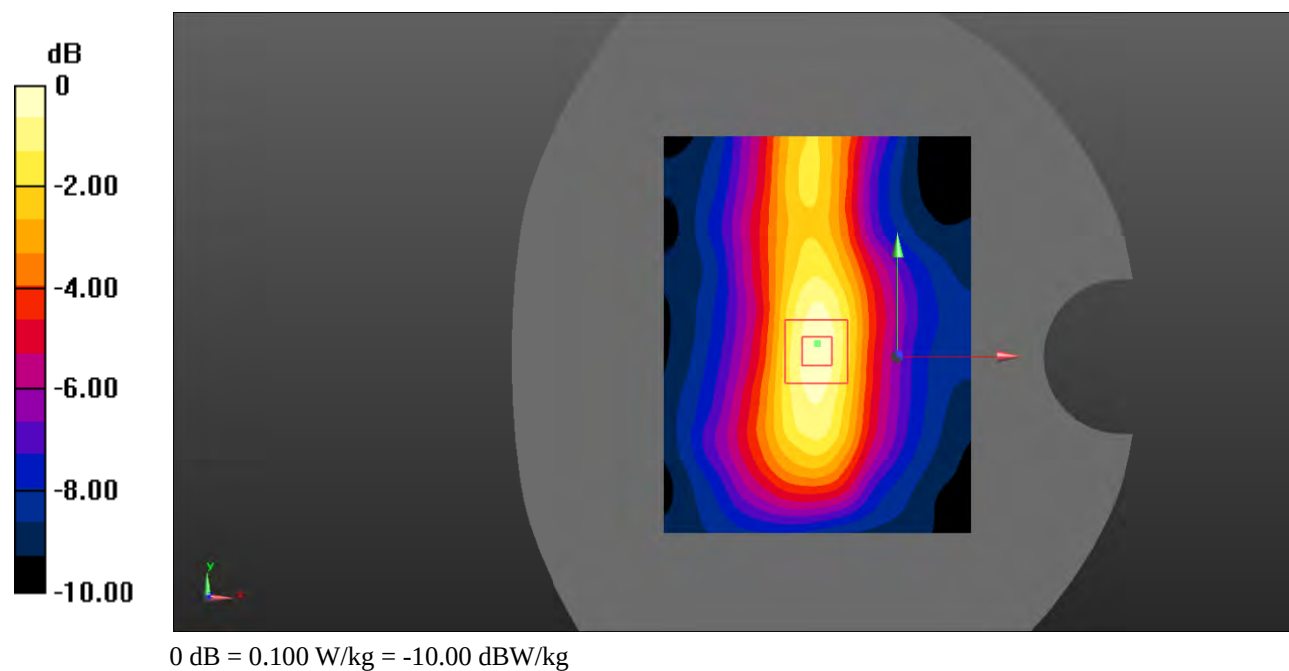
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.618 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.100 W/kg



Test Plot 25#: WCDMA Band 4_Body Right_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.6$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.483$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0457 W/kg

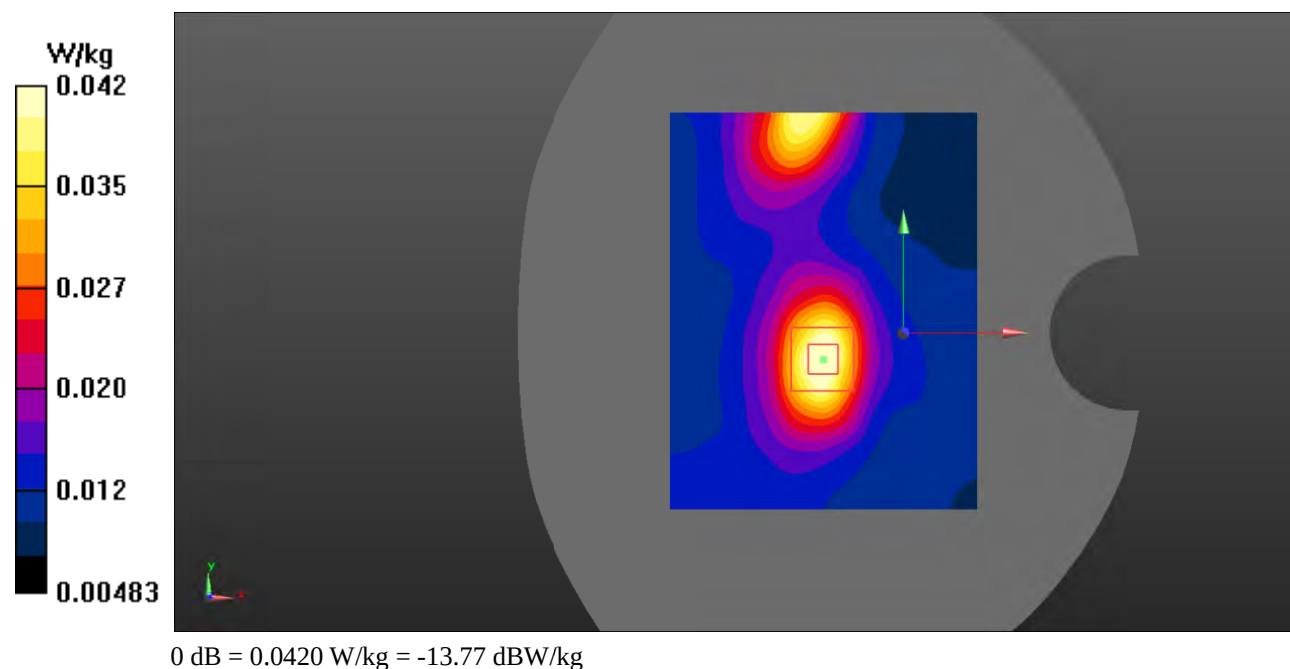
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.184 V/m; Power Drift = 0.0138 dB

Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0420 W/kg



Test Plot 26#: WCDMA Band 4_Body Bottom_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.6$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.483$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.248 W/kg

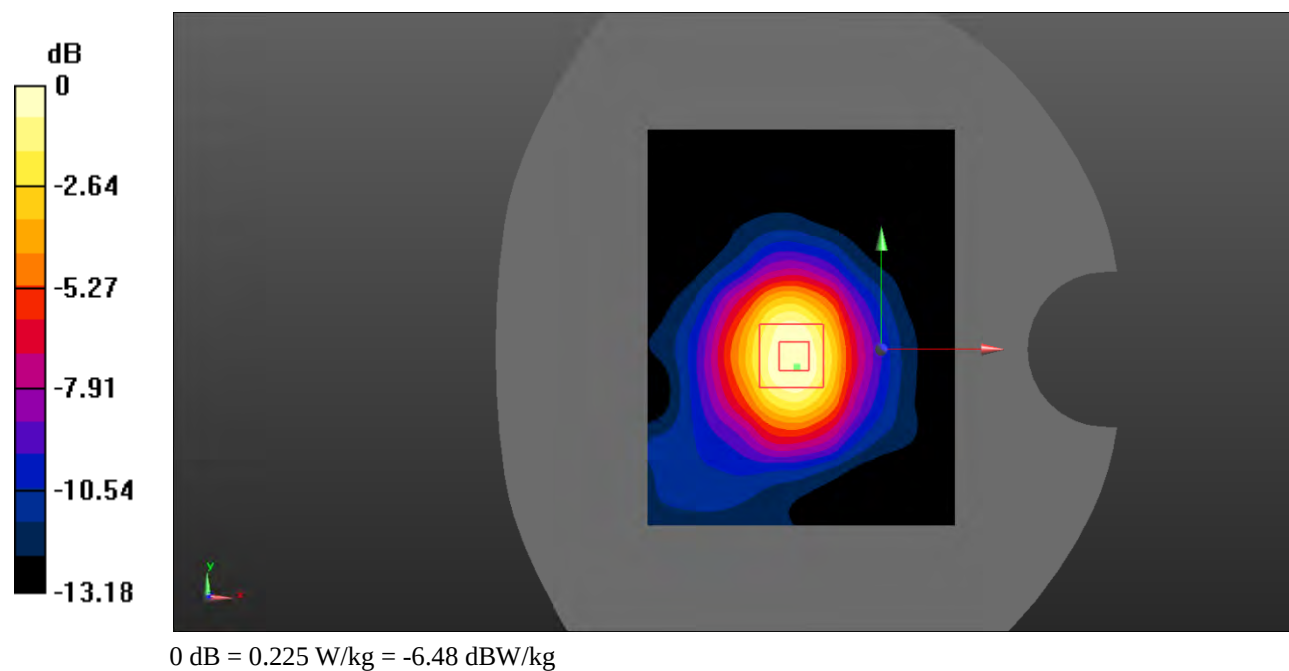
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.12 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.119 W/kg

Maximum value of SAR (measured) = 0.225 W/kg



Test Plot 27#: WCDMA Band 5_Head Left Cheek_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0443 W/kg

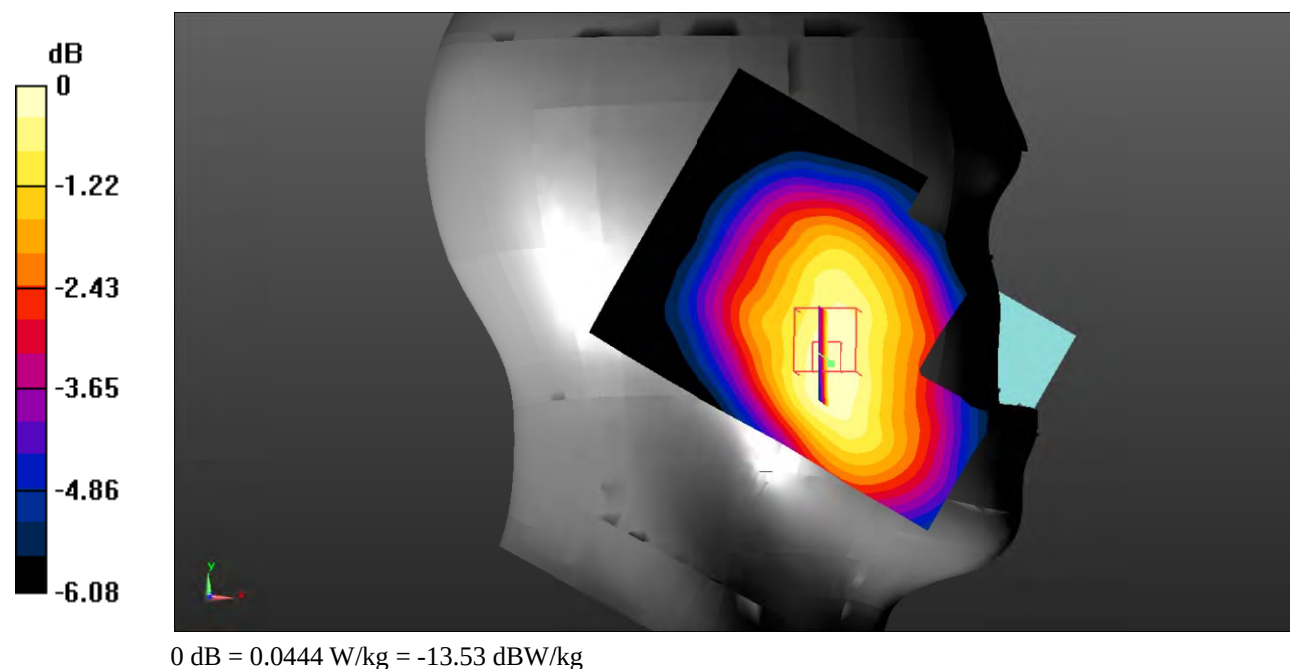
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.309 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 0.0500 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0444 W/kg



Test Plot 28#: WCDMA Band 5_Head Left Tilt_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0258 W/kg

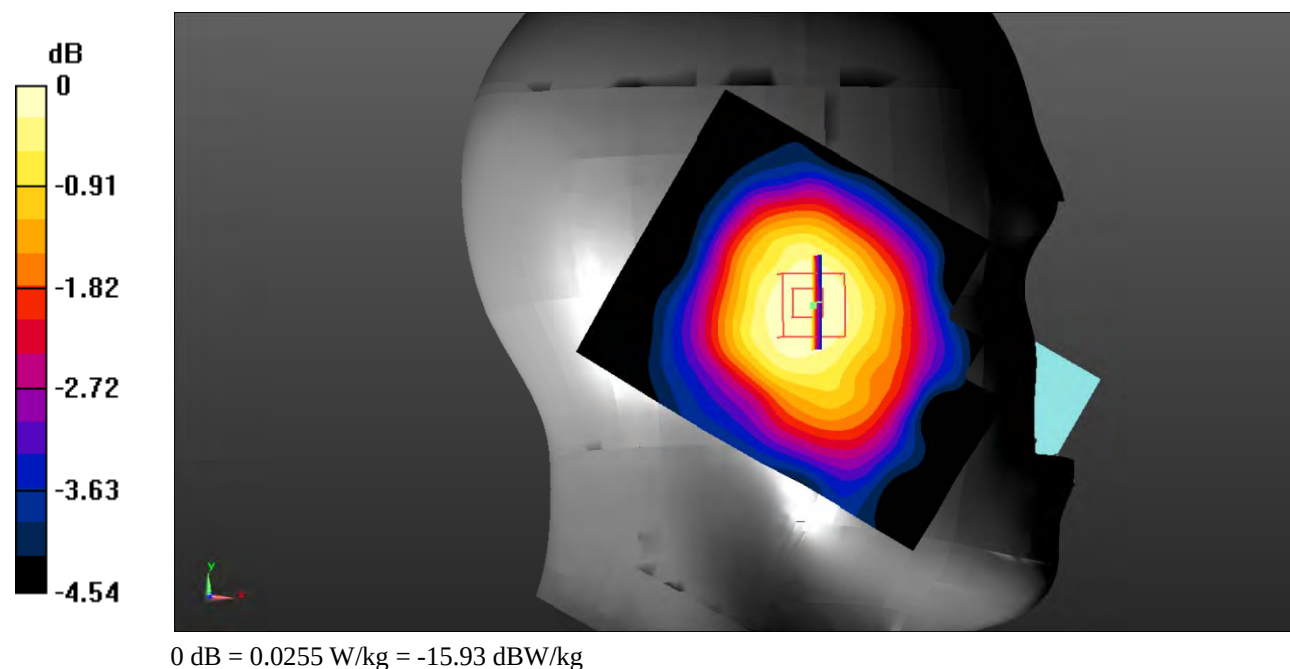
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.987 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 0.0290 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0255 W/kg



Test Plot 29#: WCDMA Band 5_Head Right Cheek_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0499 W/kg

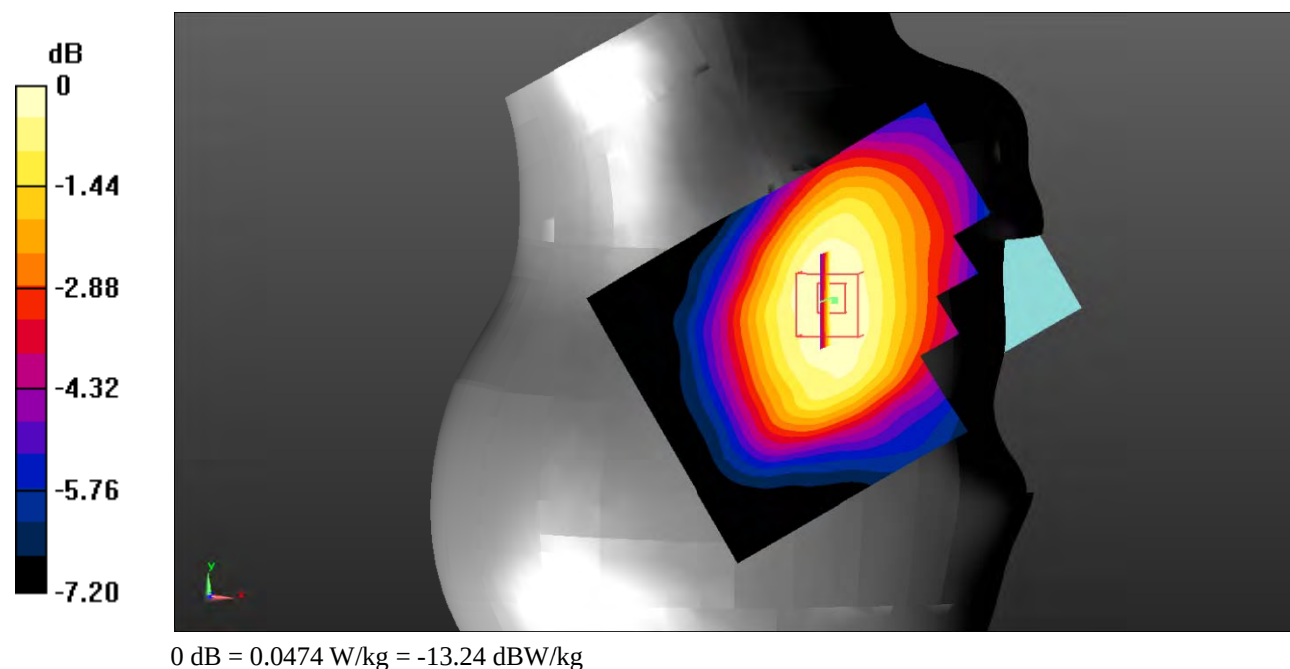
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.459 V/m; Power Drift =0.191 dB

Peak SAR (extrapolated) = 0.0530 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0474 W/kg



Test Plot 30#: WCDMA Band 5_Head Right Tilt_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0252 W/kg

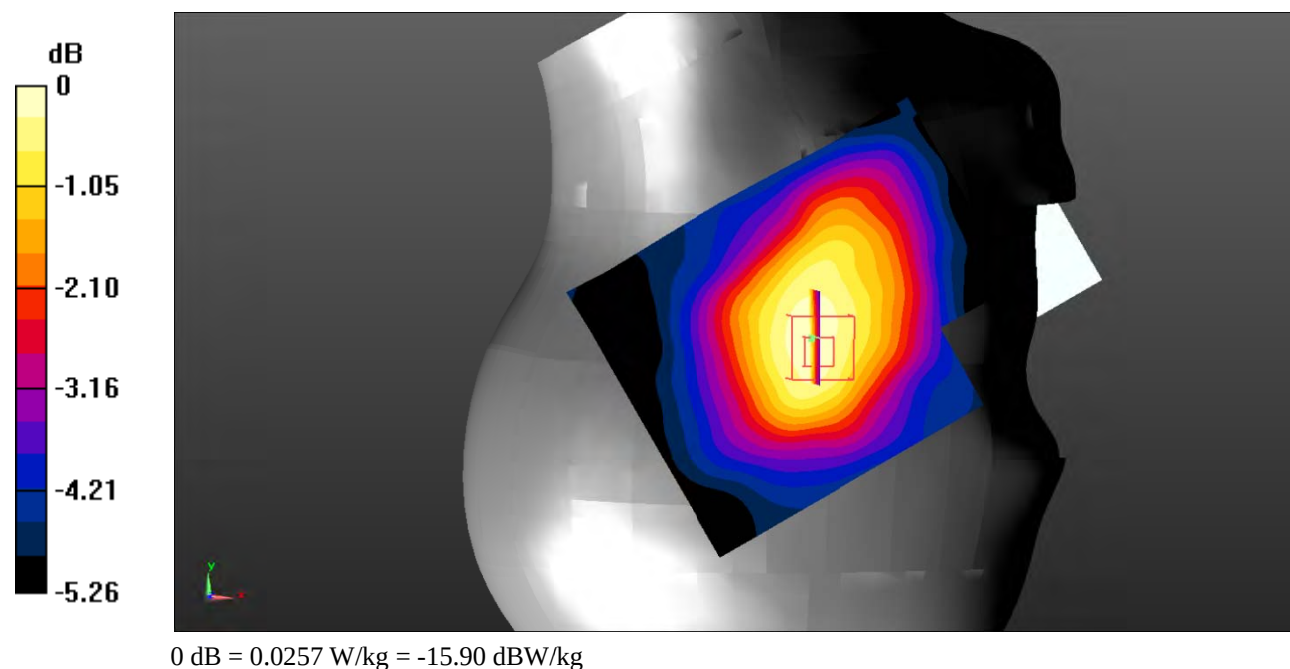
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.768 V/m; Power Drift = 0.0246 dB

Peak SAR (extrapolated) = 0.0310 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0257 W/kg



Test Plot 31#: WCDMA Band 5_Body Back_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0573 W/kg

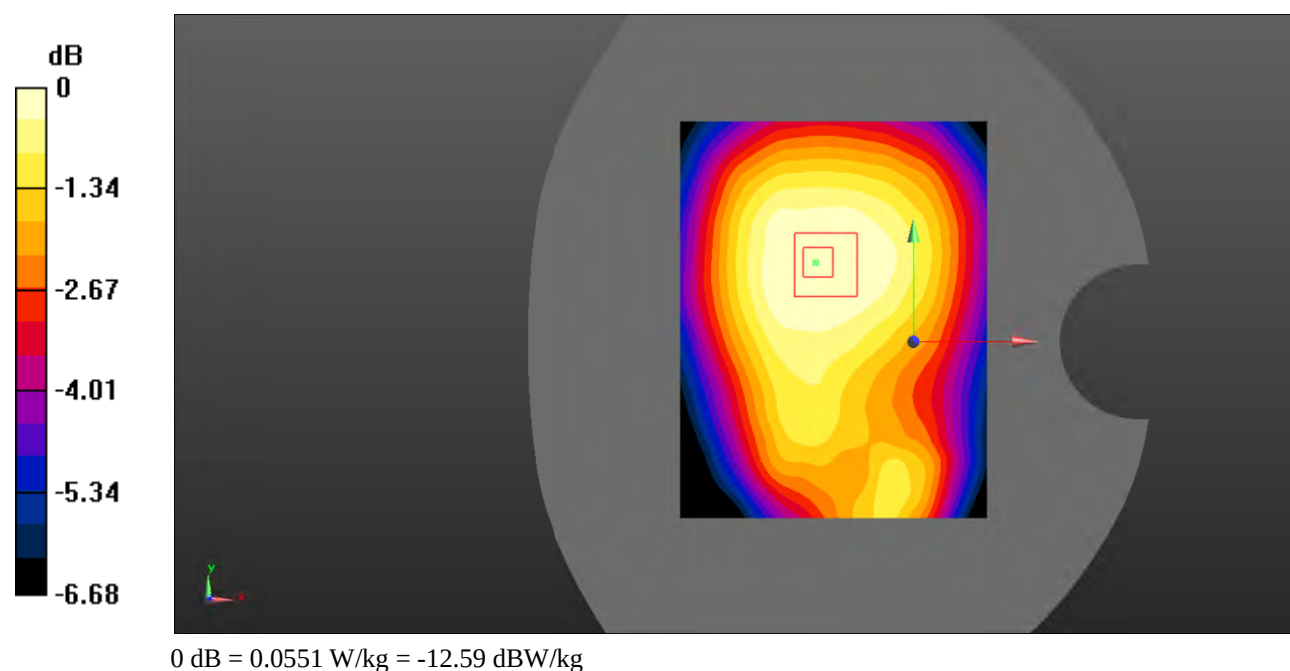
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.135 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0670 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.0551 W/kg



Test Plot 32#: WCDMA Band 5_Body Left_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0683 W/kg

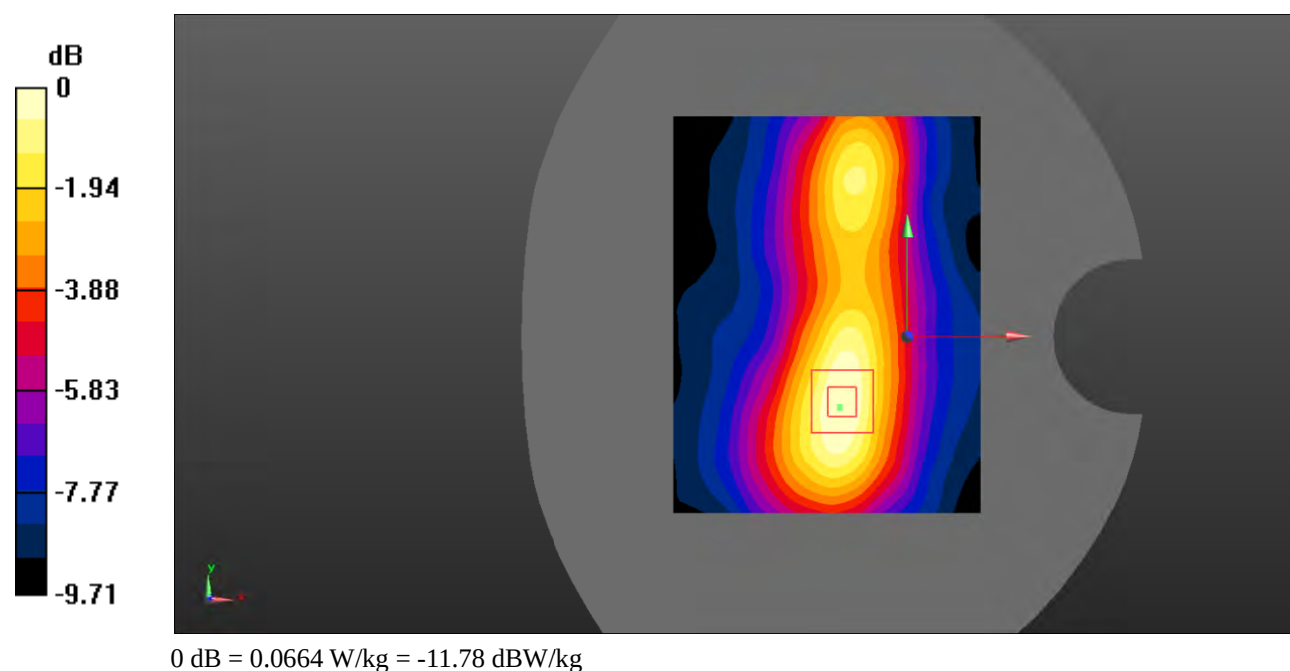
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.286 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.0664 W/kg



Test Plot 33#: WCDMA Band 5_Body Right_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0482 W/kg

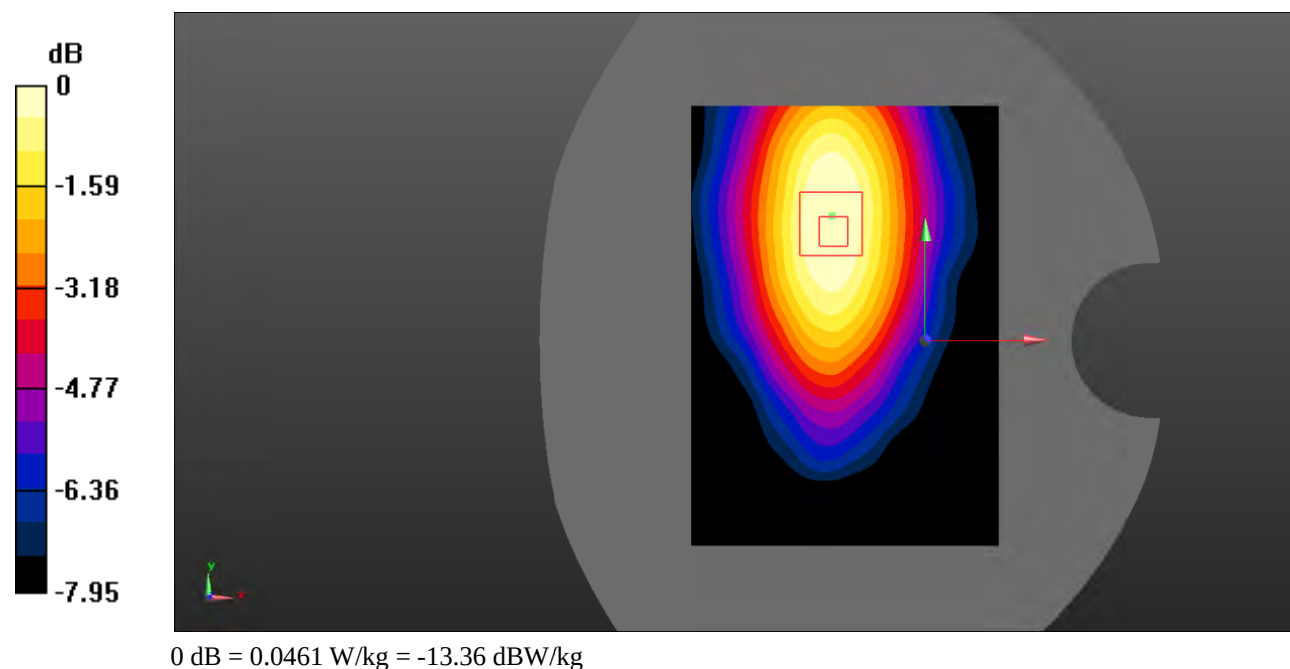
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.396 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0610 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0461 W/kg



Test Plot 34#: WCDMA Band 5_Body Bottom_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.6 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

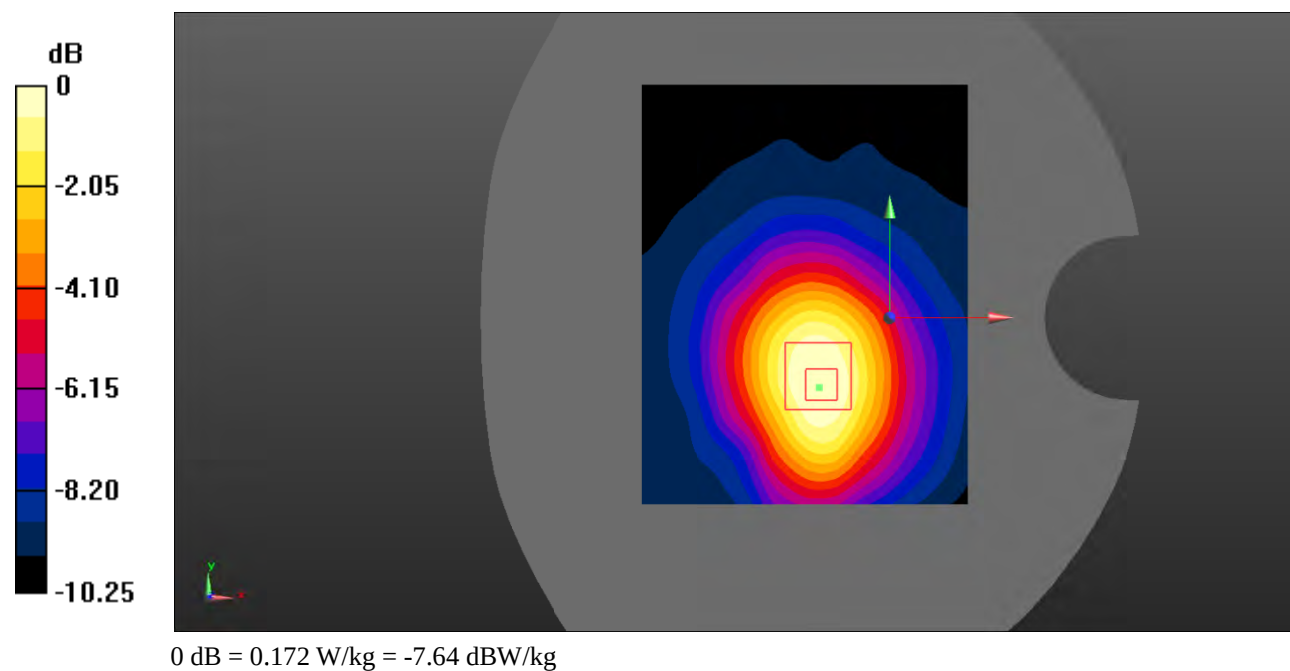
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.48 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.104 W/kg

Maximum value of SAR (measured) = 0.172 W/kg



Test Plot 35#: LTE Band 4_Head Left Cheek_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.171 W/kg

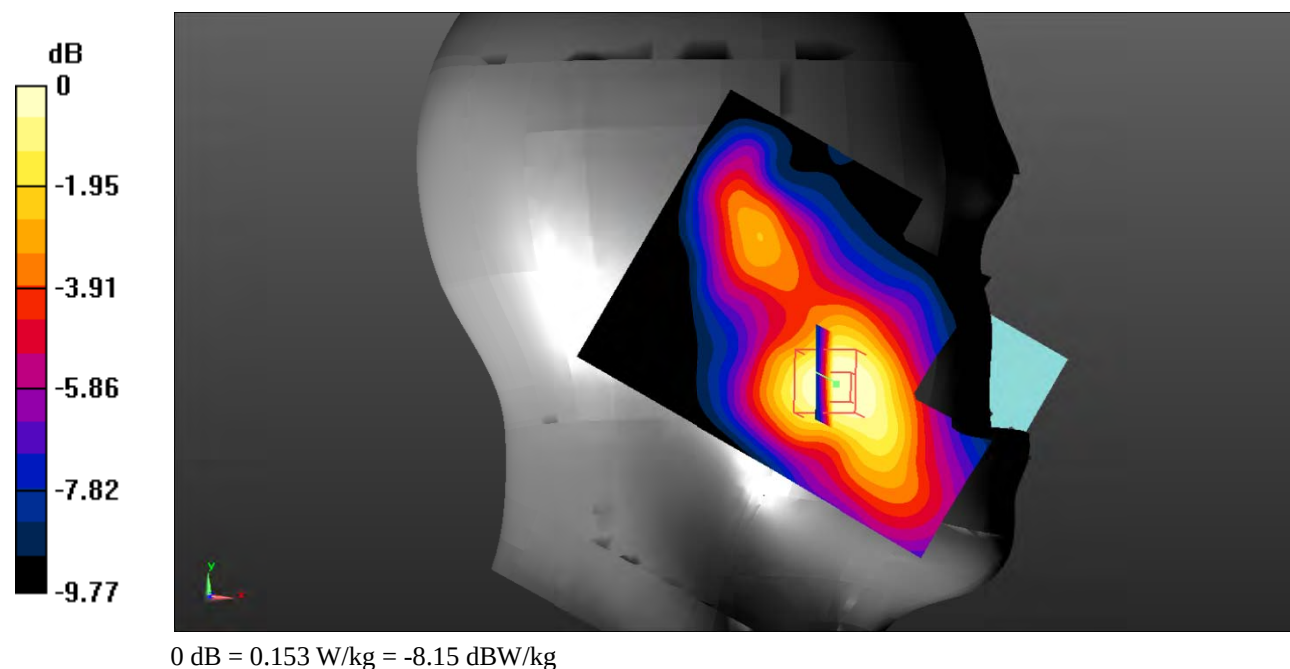
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.213 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.097 W/kg

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



Test Plot 36#: LTE Band 4_Head Left Cheek_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

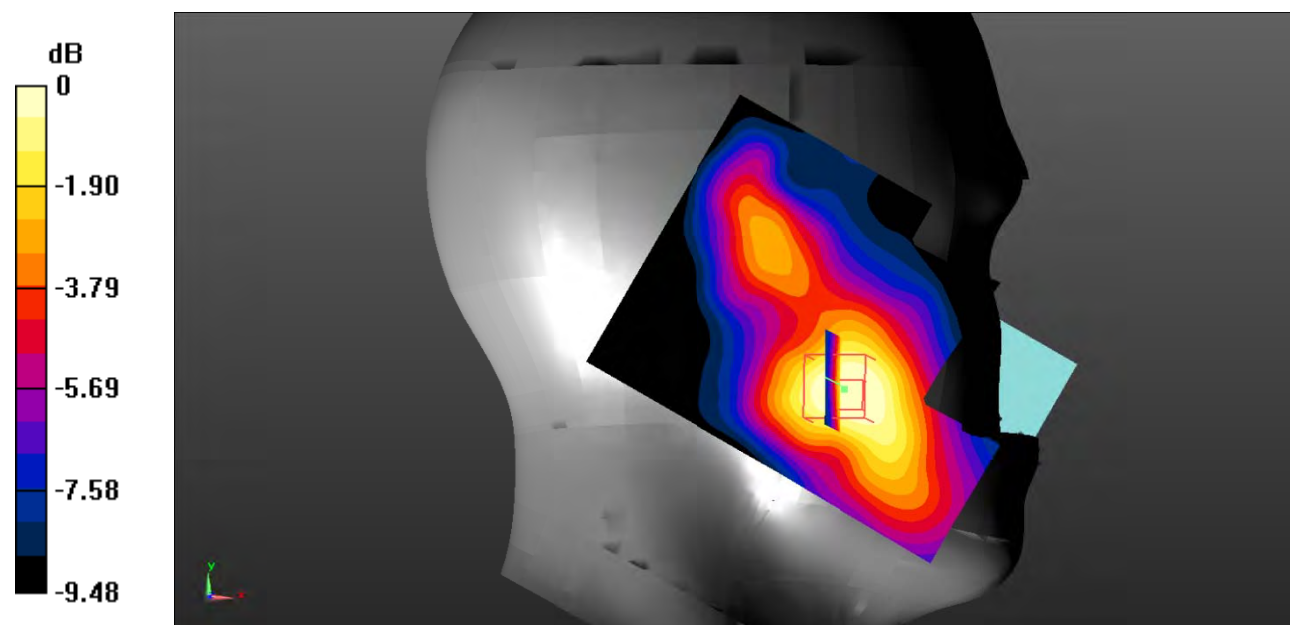
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.136 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.085 W/kg

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



0 dB = 0.133 W/kg = -8.76 dBW/kg

Test Plot 37#: LTE Band 4_Head Left Tilt_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

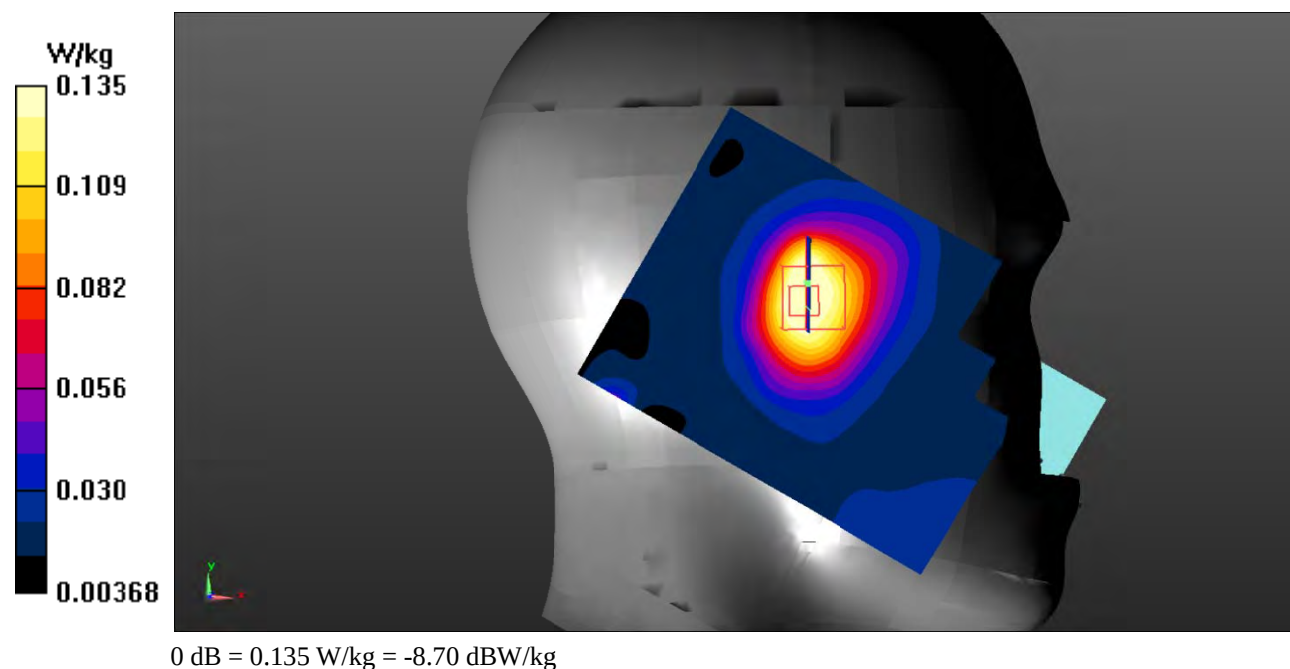
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.797 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.085 W/kg

Maximum value of SAR (measured) = 0.135 W/kg



Test Plot 38#: LTE Band 4_Head Left Tilt_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.135 W/kg

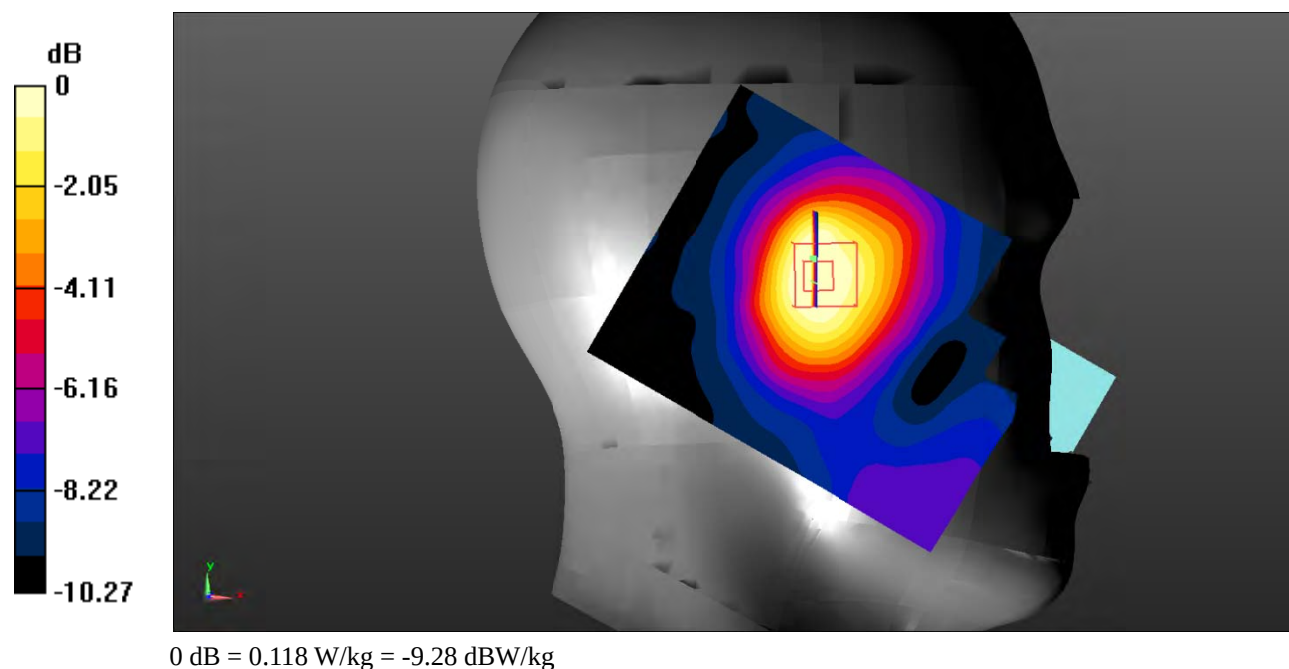
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.435 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.118 W/kg



Test Plot 39#: LTE Band 4_Head Right Cheek_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0735 W/kg

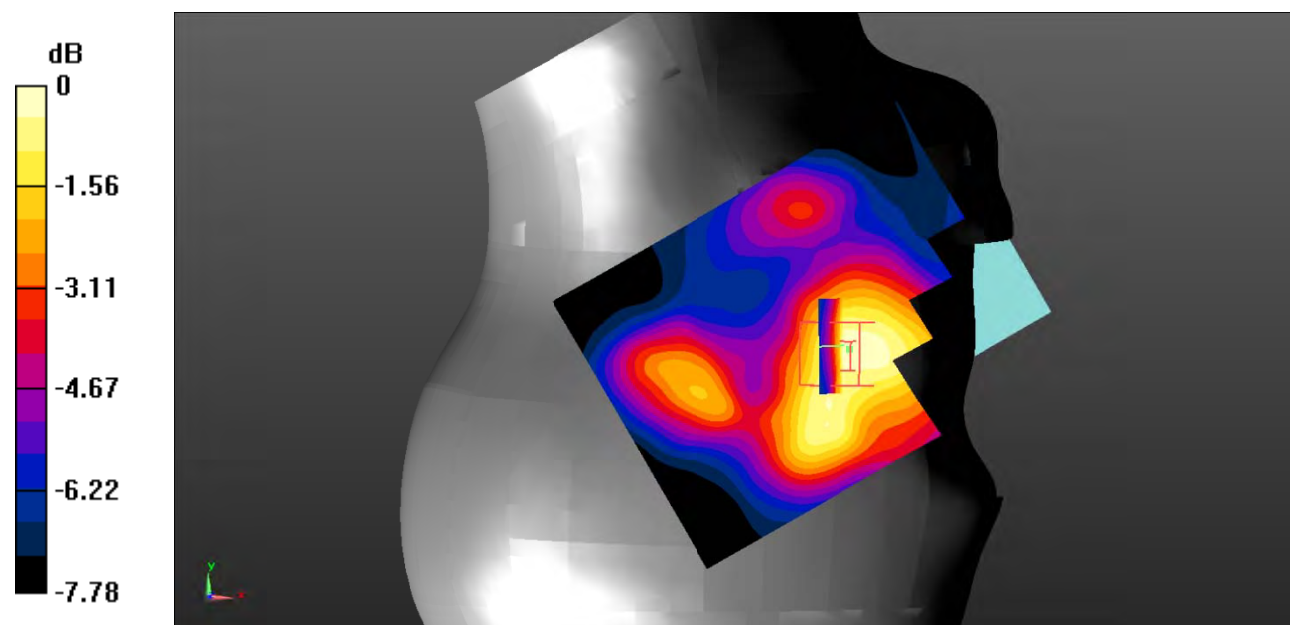
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.082 V/m; Power Drift = 0.0022 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.051 W/kg

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



0 dB = 0.0750 W/kg = -11.25 dBW/kg

Test Plot 40#: LTE Band 4_Head Right Cheek_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0602 W/kg

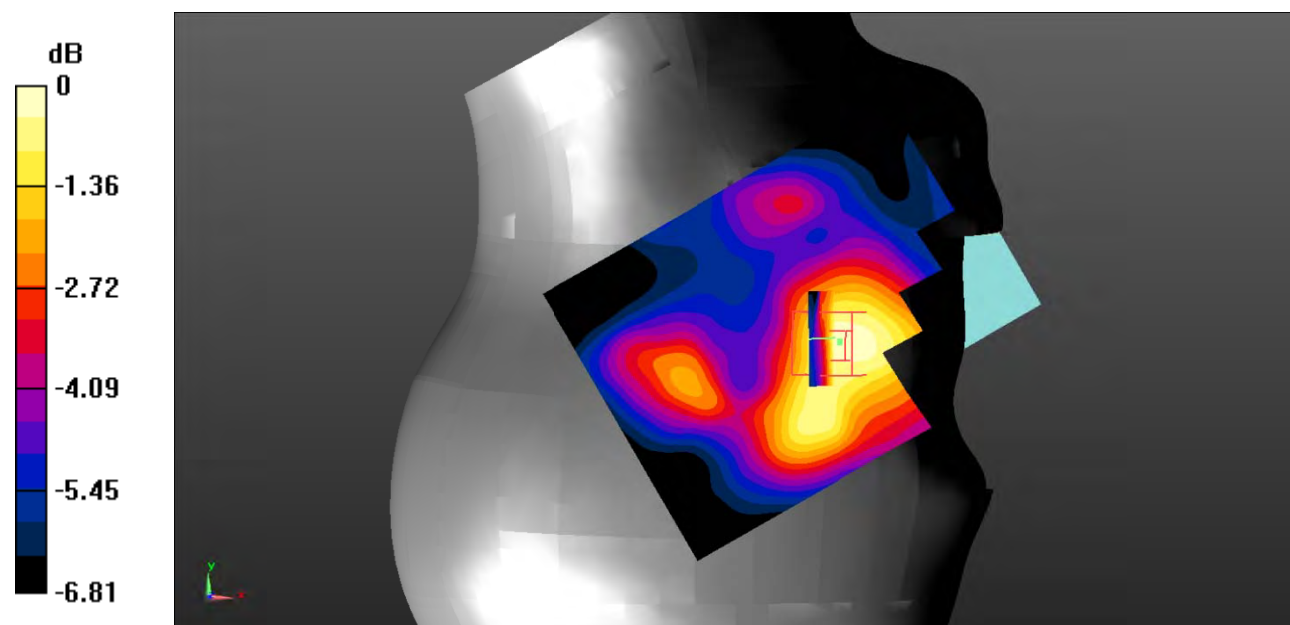
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.471 V/m; Power Drift = 0.093 dB

Peak SAR (extrapolated) = 0.0900 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.0605 W/kg



0 dB = 0.0605 W/kg = -12.18 dBW/kg

Test Plot 41#: LTE Band 4_Head Right Tilt_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

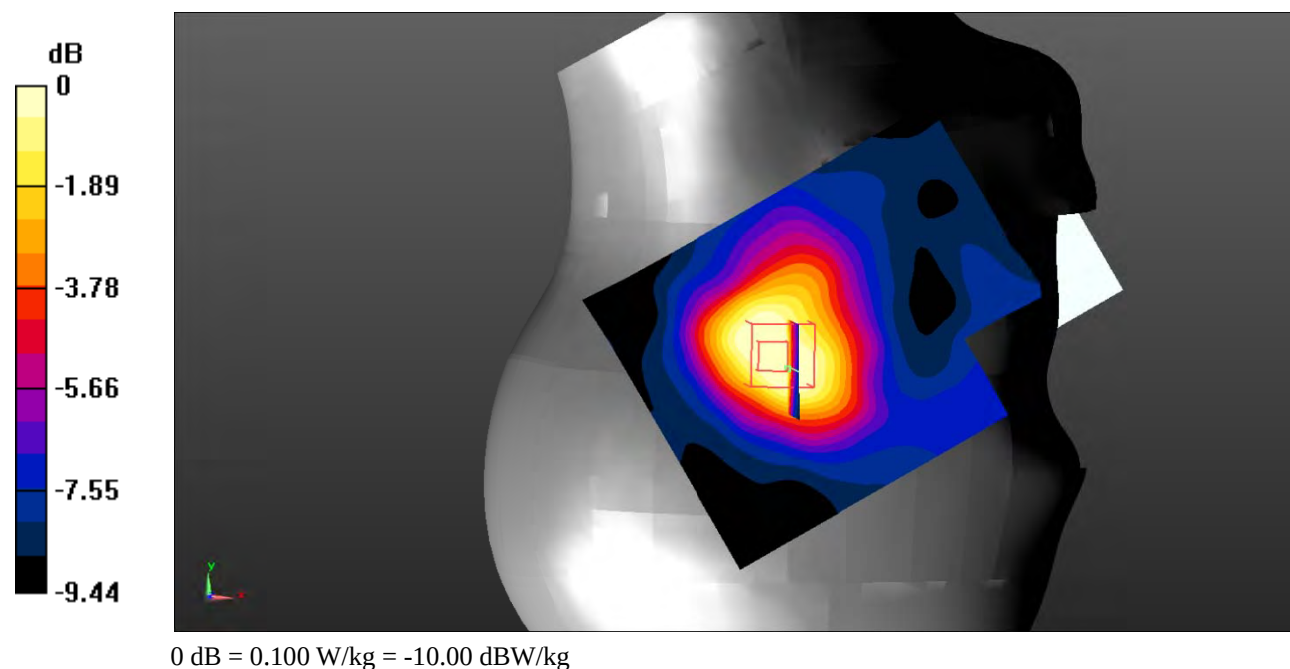
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.813 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.100 W/kg



Test Plot 42#: LTE Band 4_Head Right Tilt_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.100 W/kg

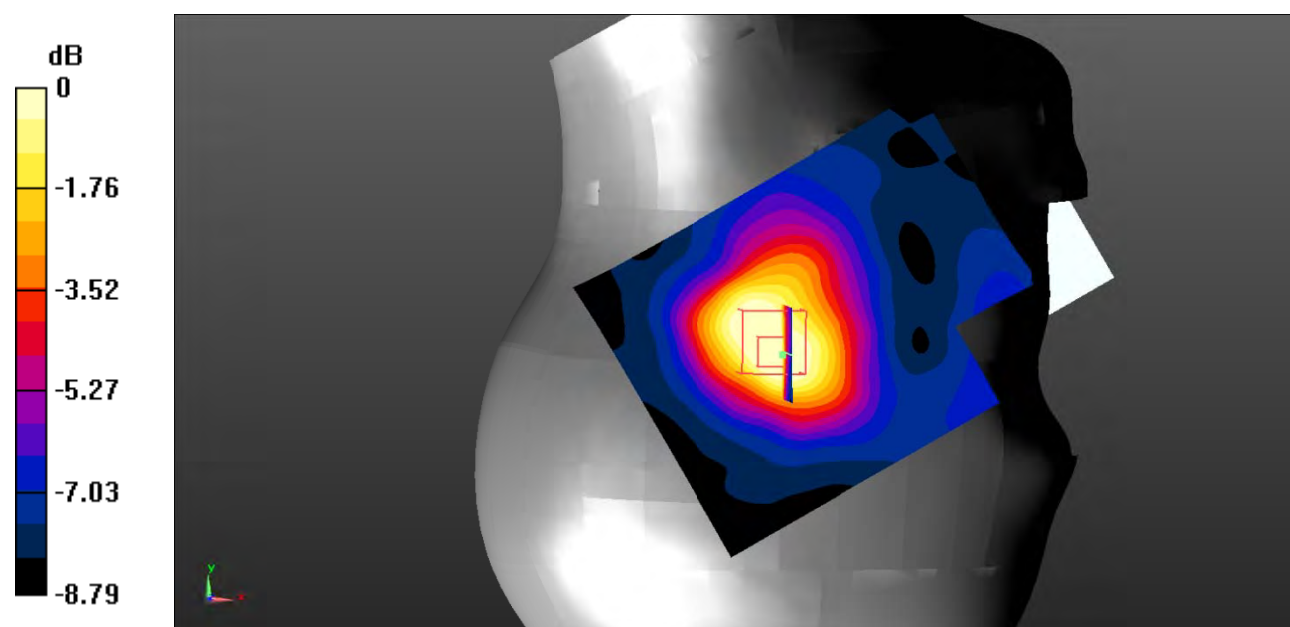
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.383 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.0846 W/kg



0 dB = 0.0846 W/kg = -10.73 dBW/kg

Test Plot 43#: LTE Band 4_Body Back_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.185 W/kg

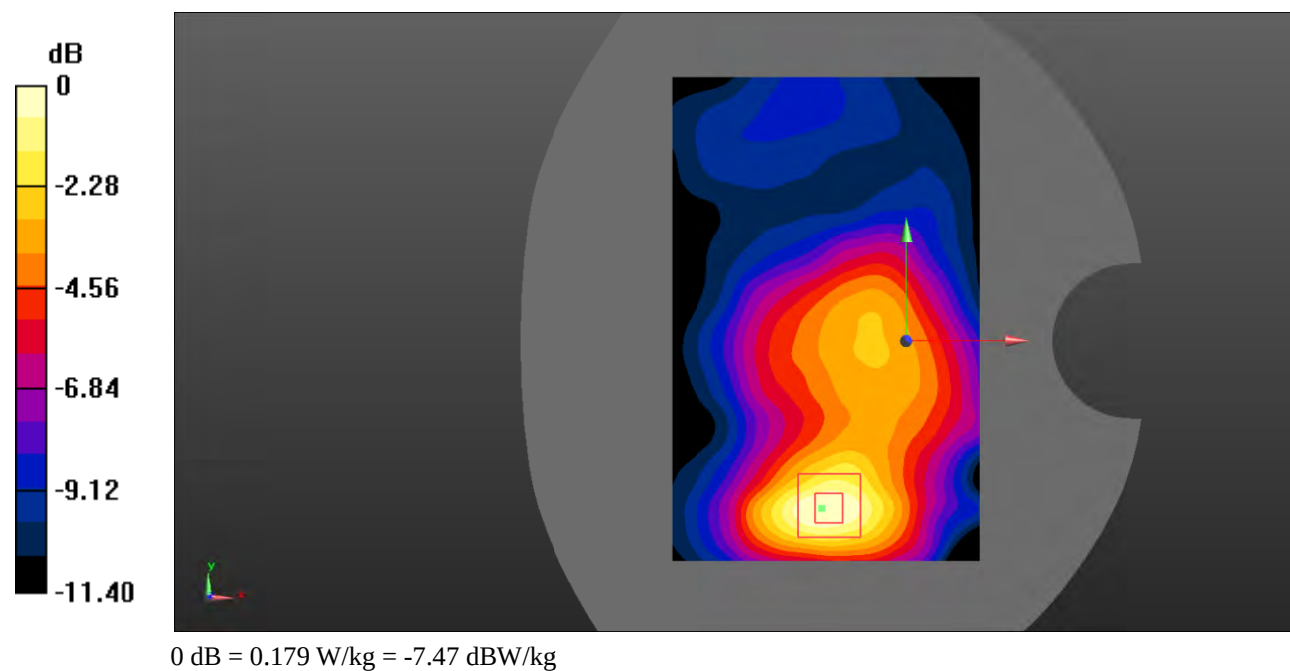
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.891 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.279 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.096 W/kg

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



Test Plot 44#: LTE Band 4_Body Back_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

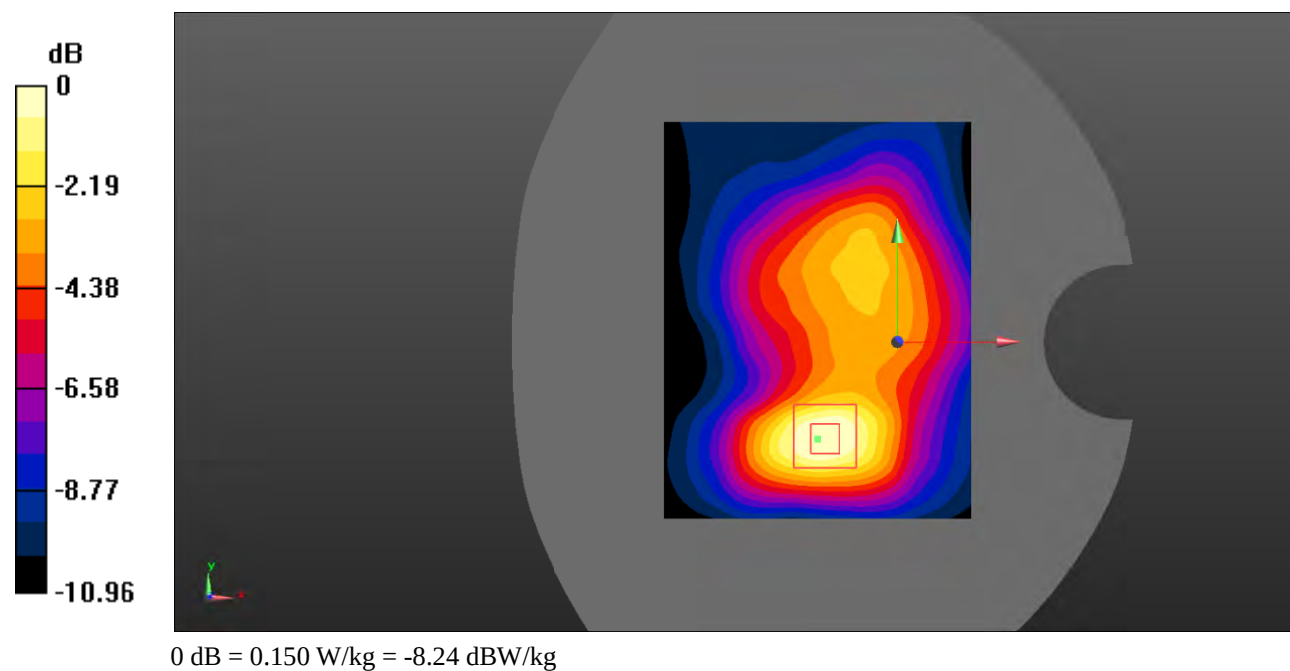
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.700 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.080 W/kg

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



Test Plot 45#: LTE Band 4_Body Left_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.115 W/kg

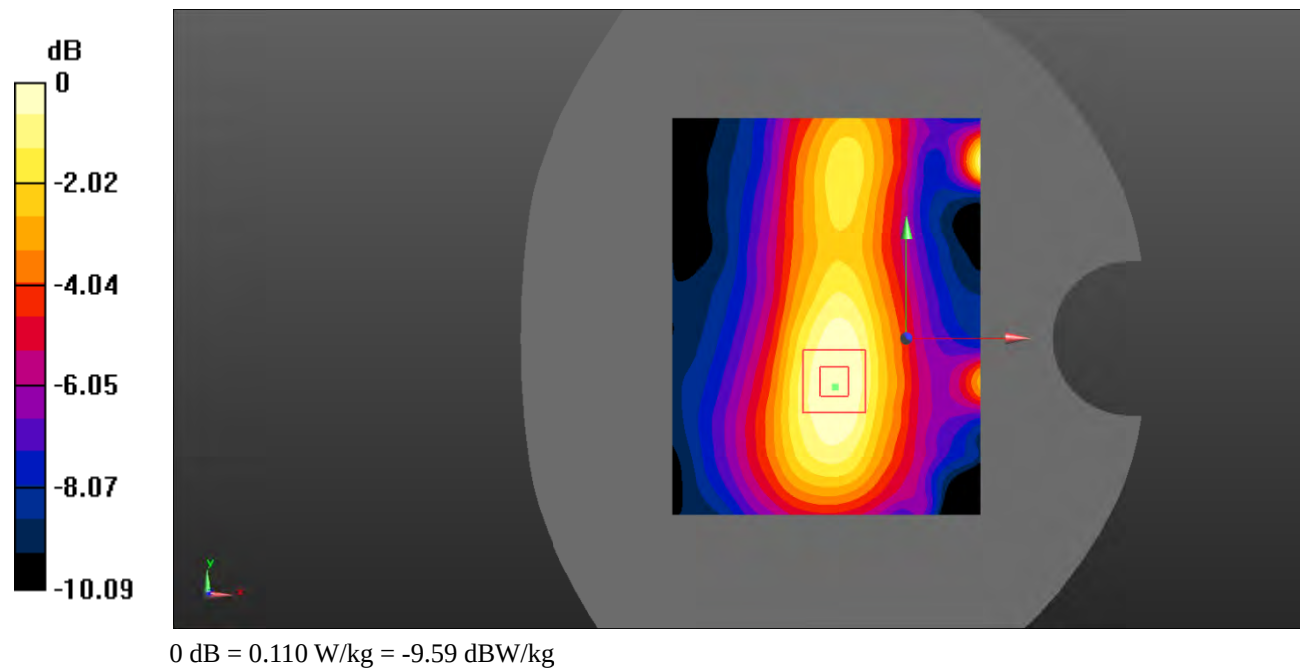
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.722 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.066 W/kg

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



Test Plot 46#: LTE Band 4_Body Left_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0906 W/kg

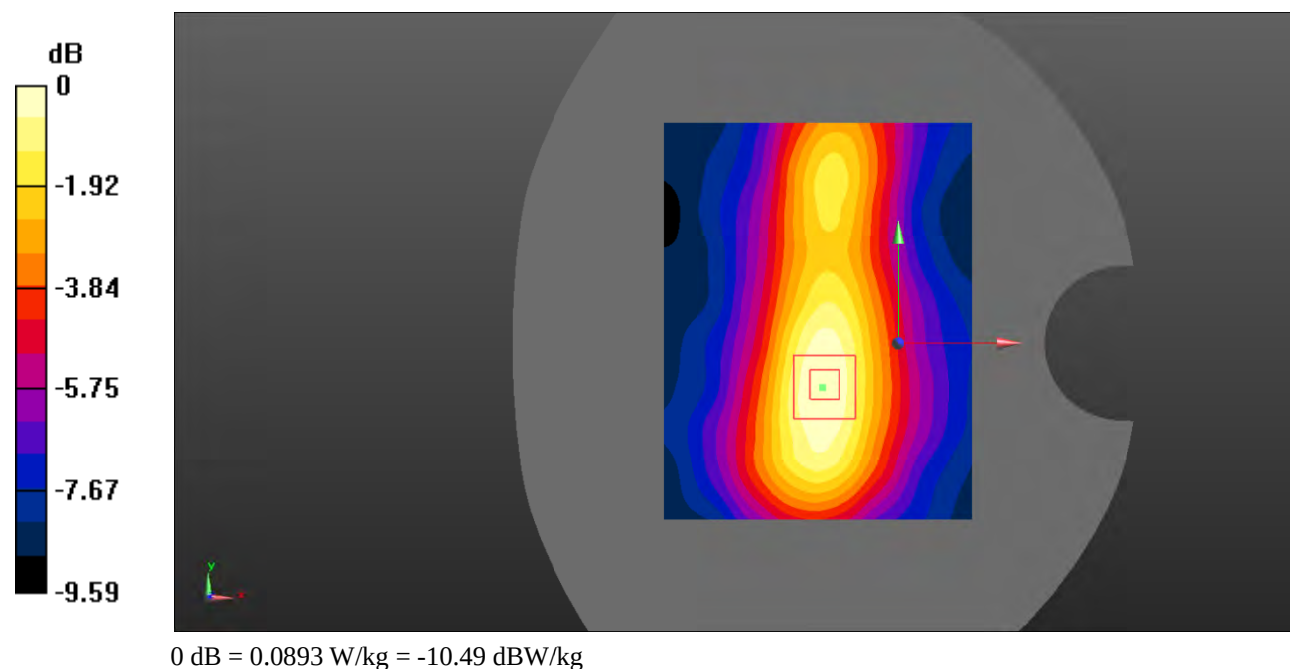
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.963 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.054 W/kg

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



Test Plot 47#: LTE Band 4_Body Right_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0270 W/kg

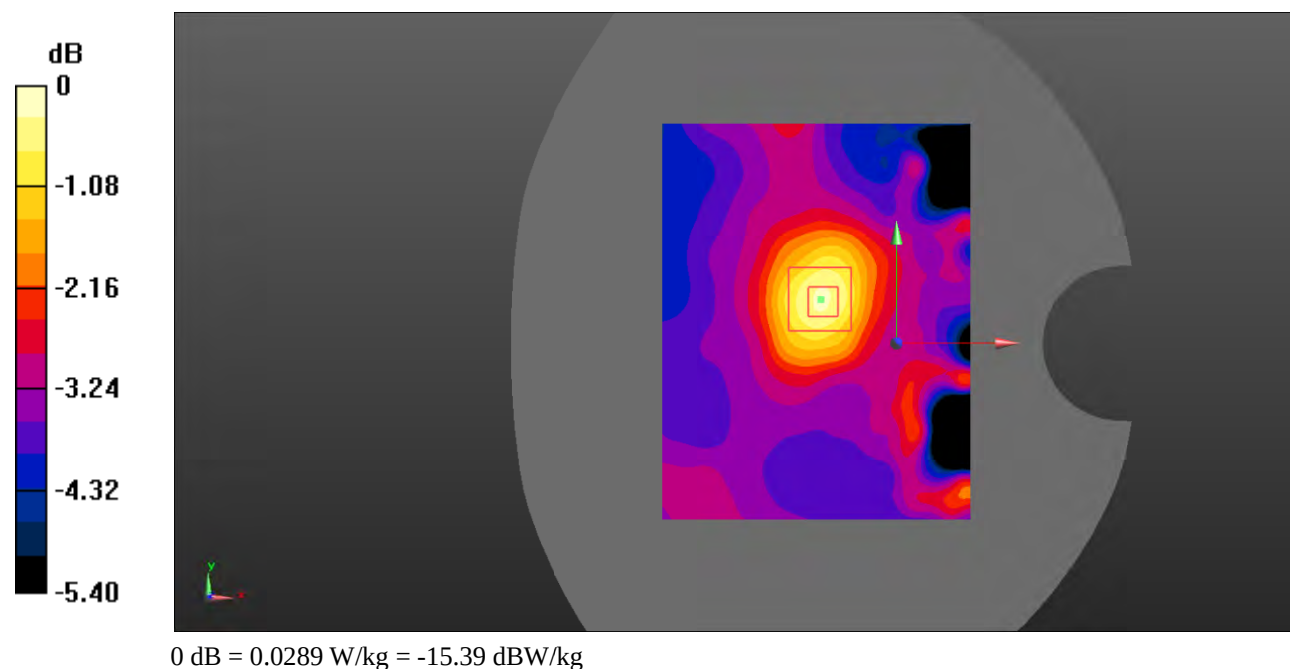
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.102 V/m; Power Drift = 0.0148 dB

Peak SAR (extrapolated) = 0.0480 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0289 W/kg



Test Plot 48#: LTE Band 4_Body Right_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0256 W/kg

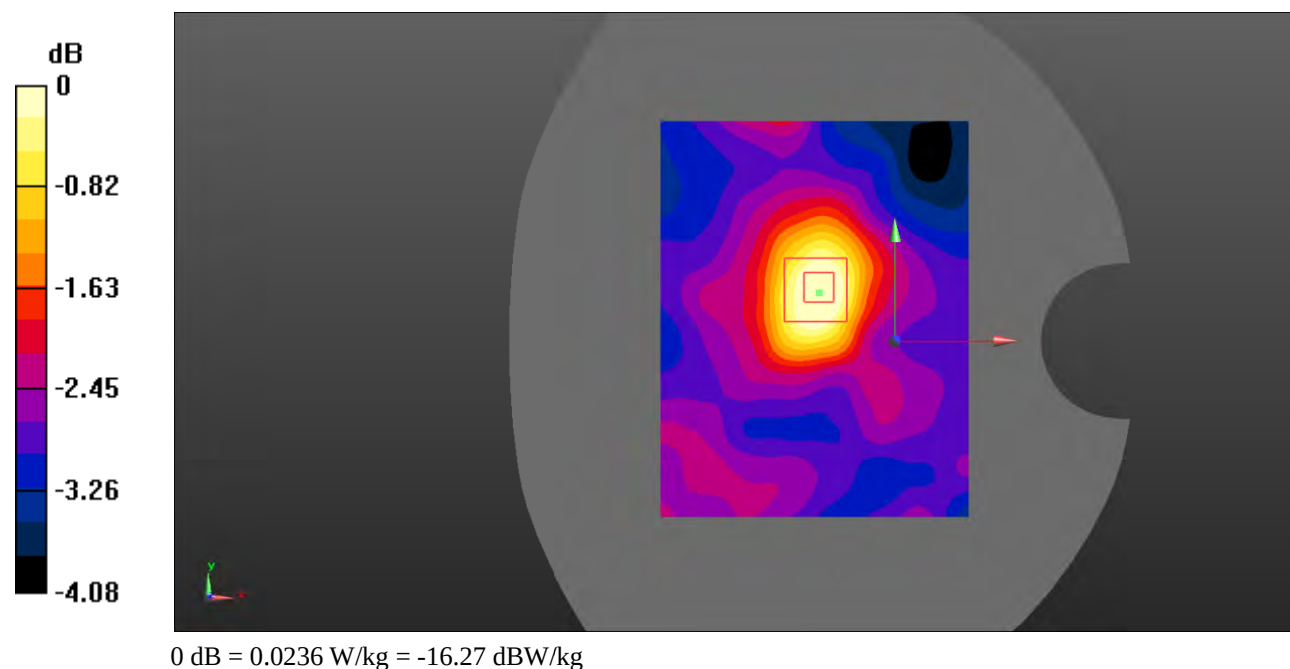
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.647 V/m; Power Drift = 0.0252 dB

Peak SAR (extrapolated) = 0.0510 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0236 W/kg



Test Plot 49#: LTE Band 4_Body Bottom_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.314 W/kg

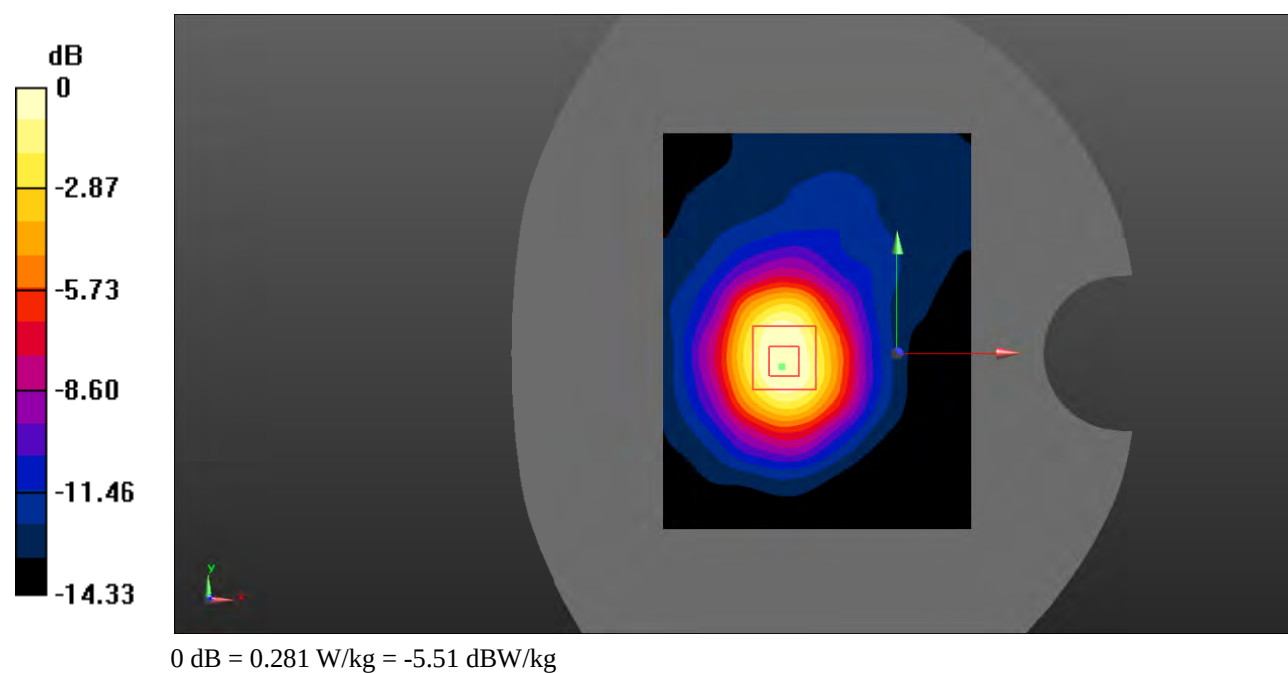
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.25 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.445 W/kg

SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.146 W/kg

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



Test Plot 50#: LTE Band 4_Body Bottom_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.62, 8.62, 8.62) @1732.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.263 W/kg

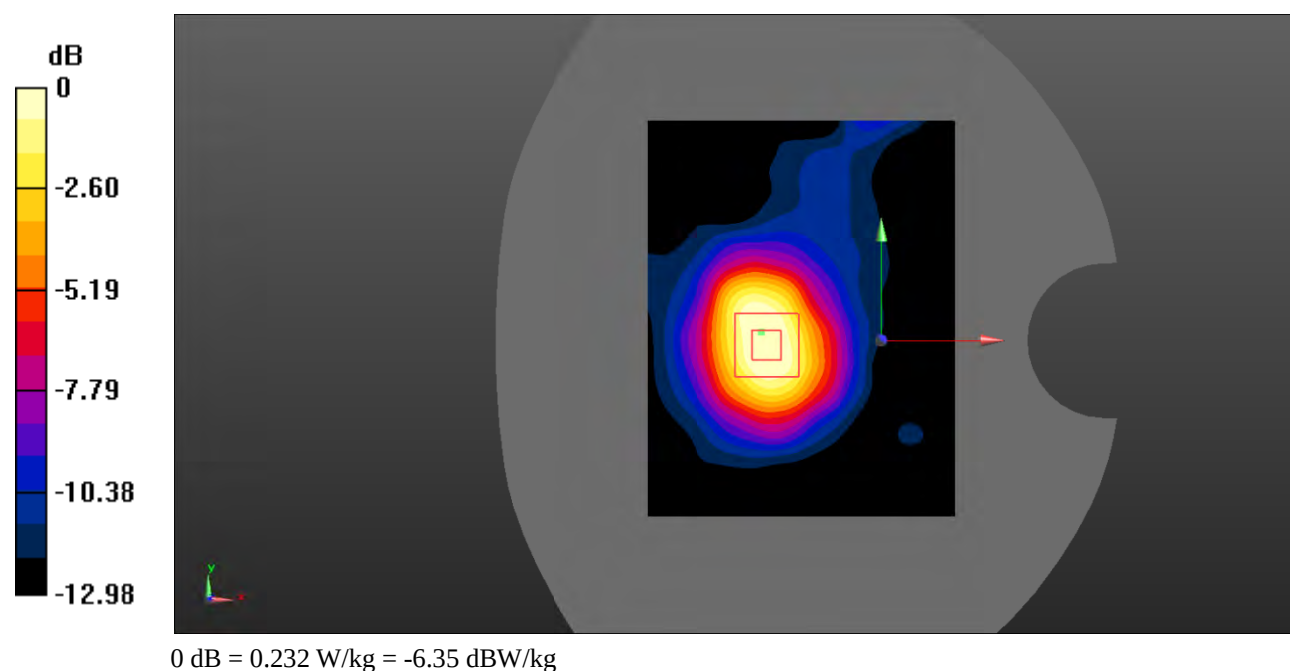
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.362 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.232 W/kg



Test Plot 51#: LTE Band 5_Head Left Cheek_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0774 W/kg

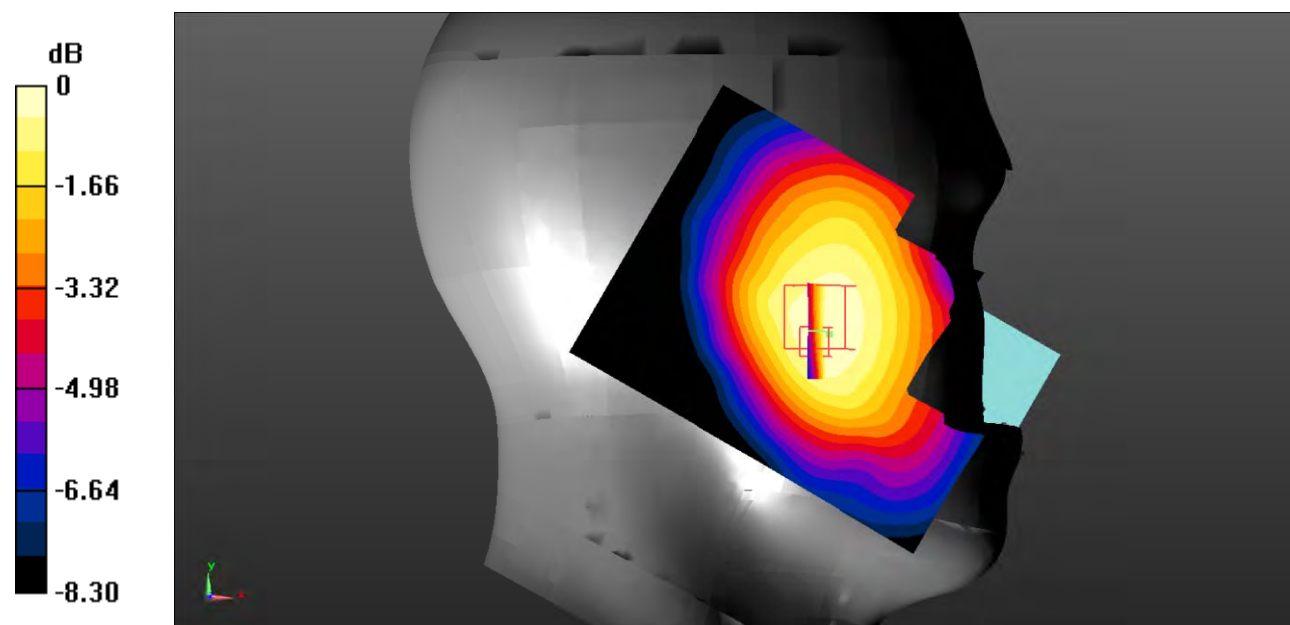
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.170 V/m; Power Drift = 0.097 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.0759 W/kg



0 dB = 0.0759 W/kg = -11.20 dBW/kg

Test Plot 52#: LTE Band 5_Head Left Cheek_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0599 W/kg

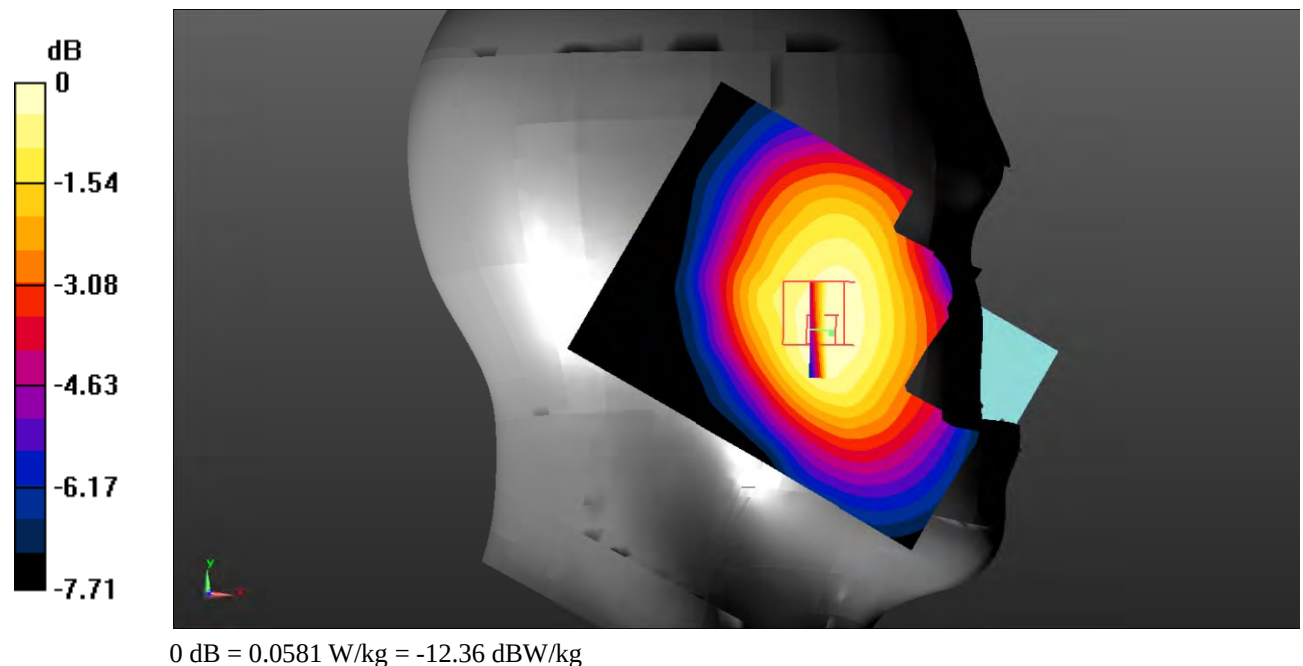
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.682 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 0.0690 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.0581 W/kg



Test Plot 53#: LTE Band 5_Head Left Tilt_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0400 W/kg

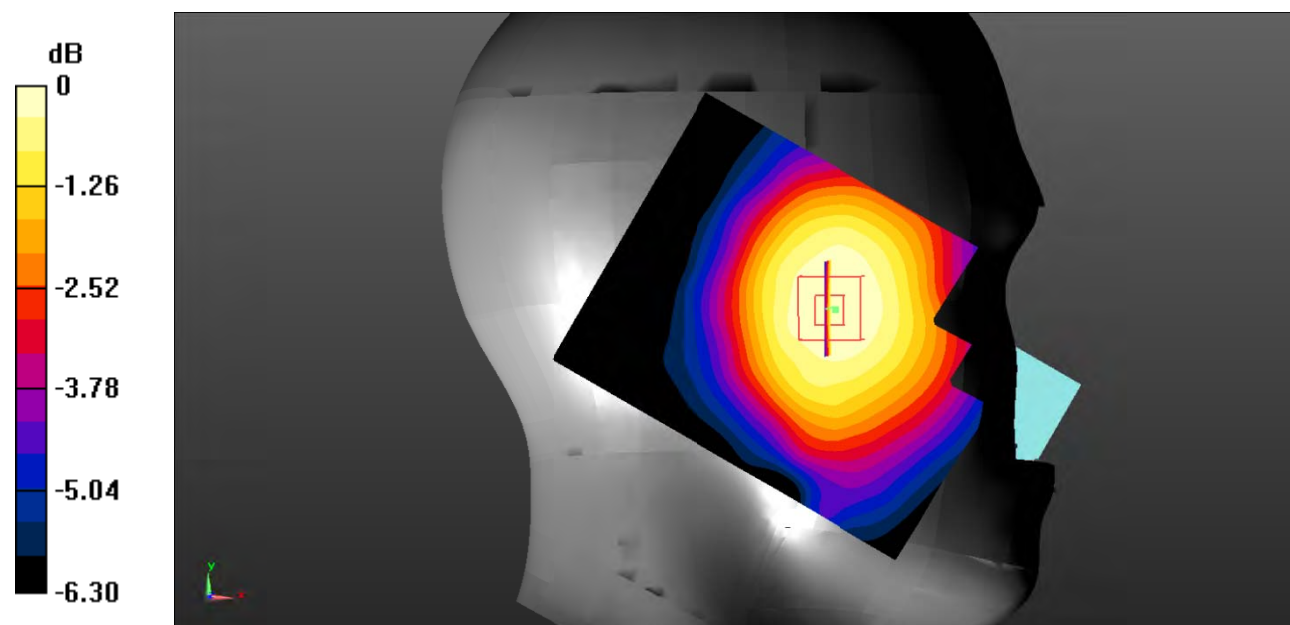
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.605 V/m; Power Drift = 0.142 dB

Peak SAR (extrapolated) = 0.0450 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0393 W/kg



0 dB = 0.0393 W/kg = -14.06 dBW/kg

Test Plot 54#: LTE Band 5_Head Left Tilt_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0302 W/kg

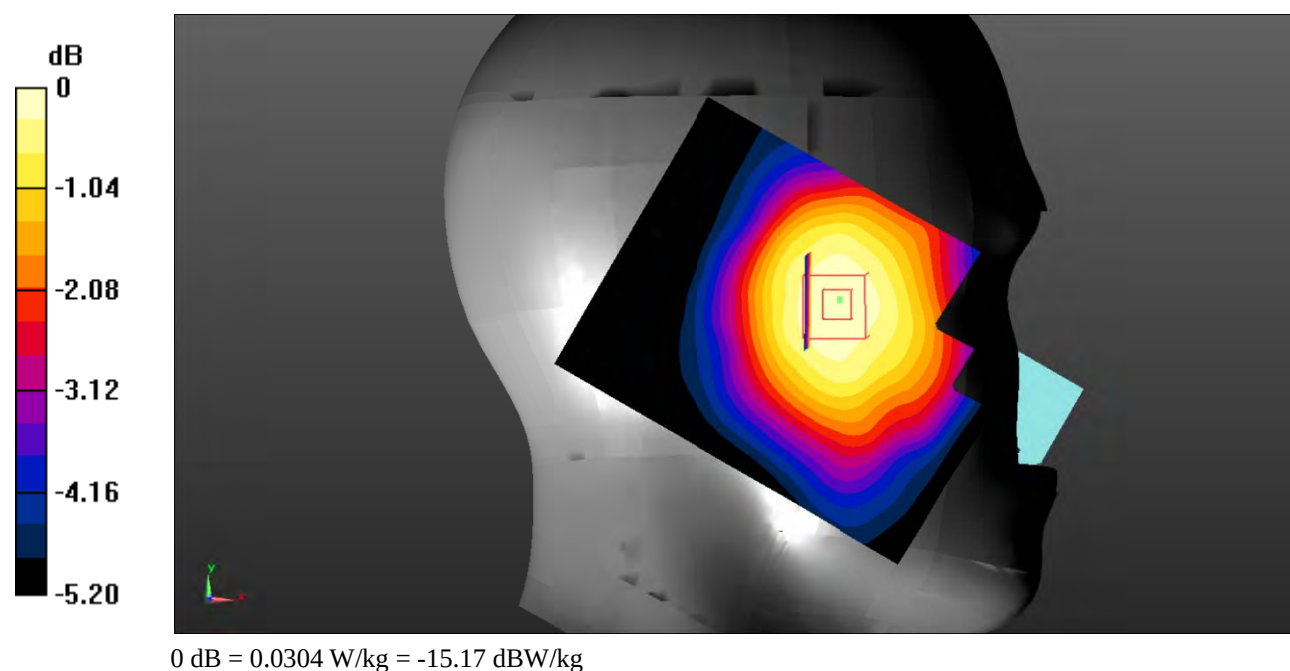
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.170 V/m; Power Drift = 0.079 dB

Peak SAR (extrapolated) = 0.0350 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.0304 W/kg



Test Plot 55#: LTE Band 5_Head Right Cheek_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0863 W/kg

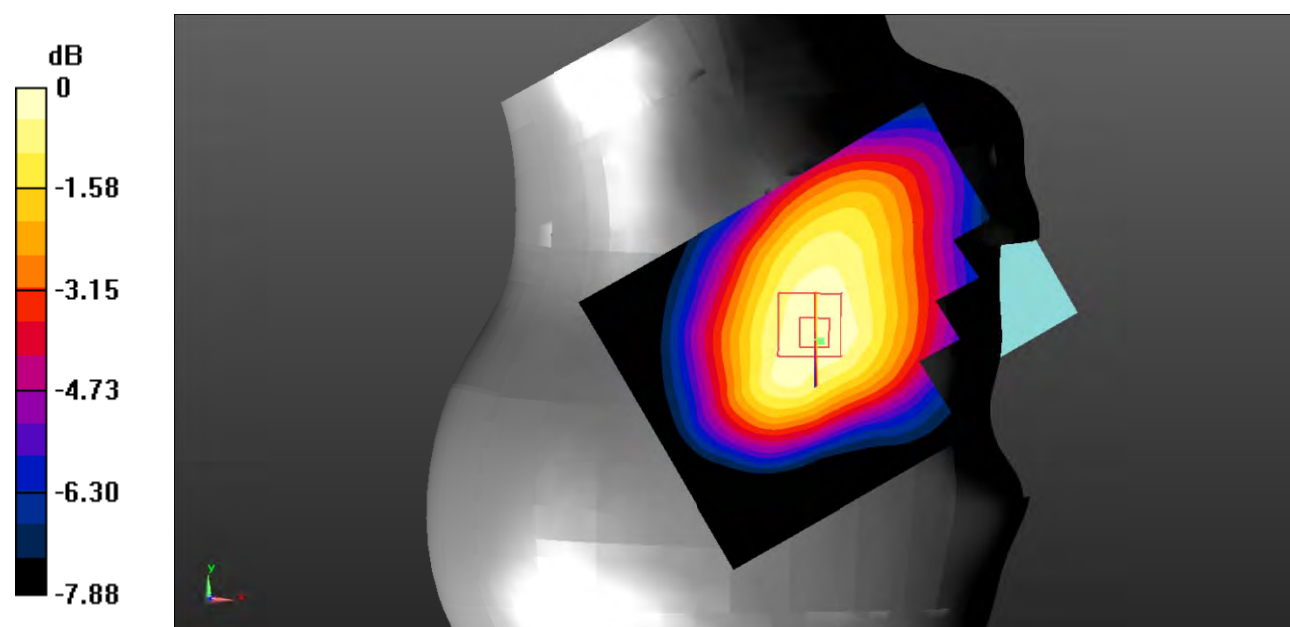
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.450 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.0877 W/kg



0 dB = 0.0877 W/kg = -10.57 dBW/kg

Test Plot 56#: LTE Band 5_Head Right Cheek_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0653 W/kg

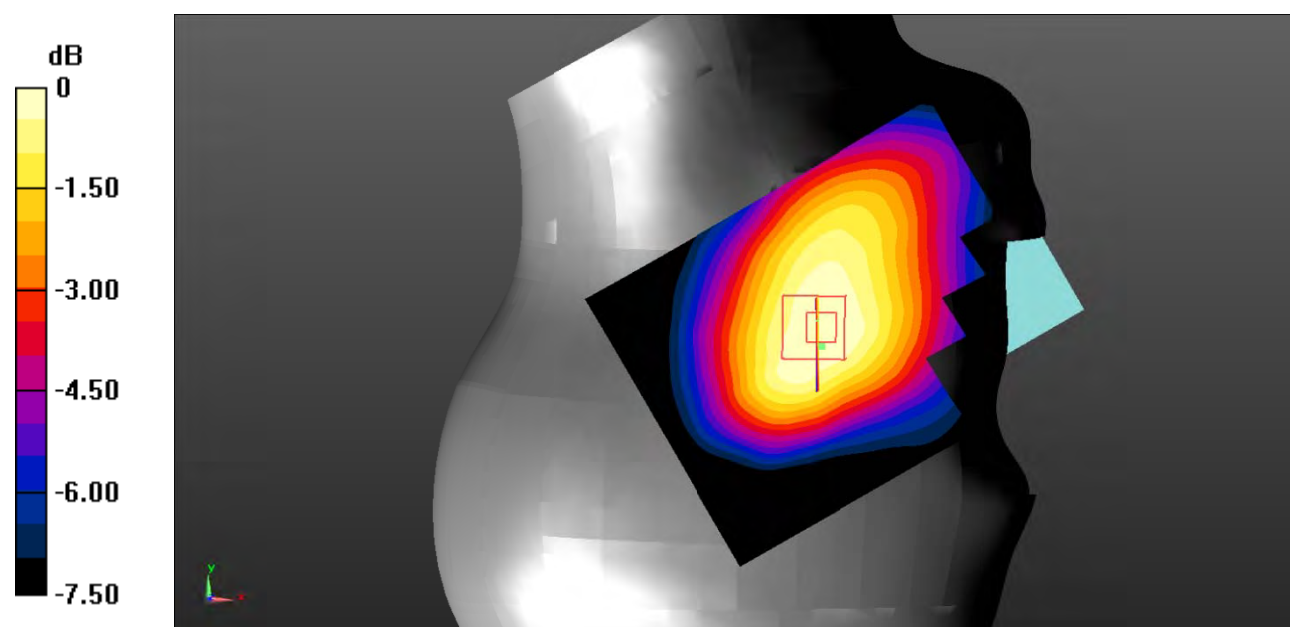
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.736 V/m; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 0.0740 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.0652 W/kg



0 dB = 0.0652 W/kg = -11.86 dBW/kg

Test Plot 57#: LTE Band 5_Head Right Tilt_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0433 W/kg

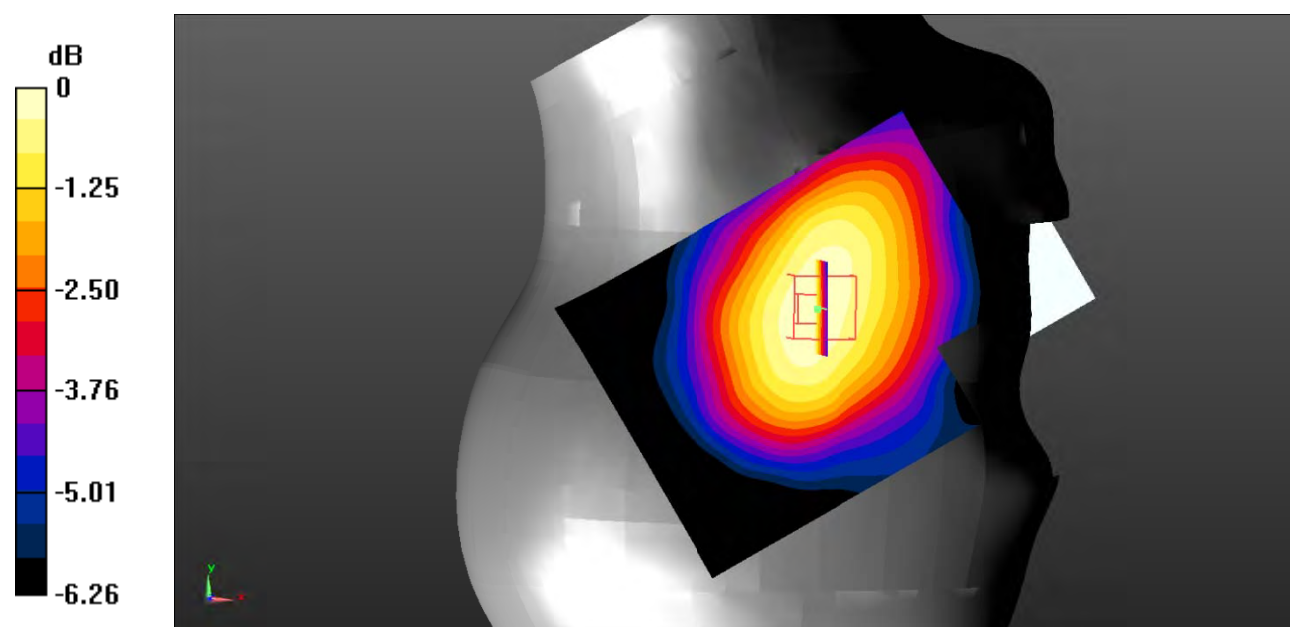
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.644 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0510 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0442 W/kg



0 dB = 0.0442 W/kg = -13.55 dBW/kg

Test Plot 58#: LTE Band 5_Head Right Tilt_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0330 W/kg

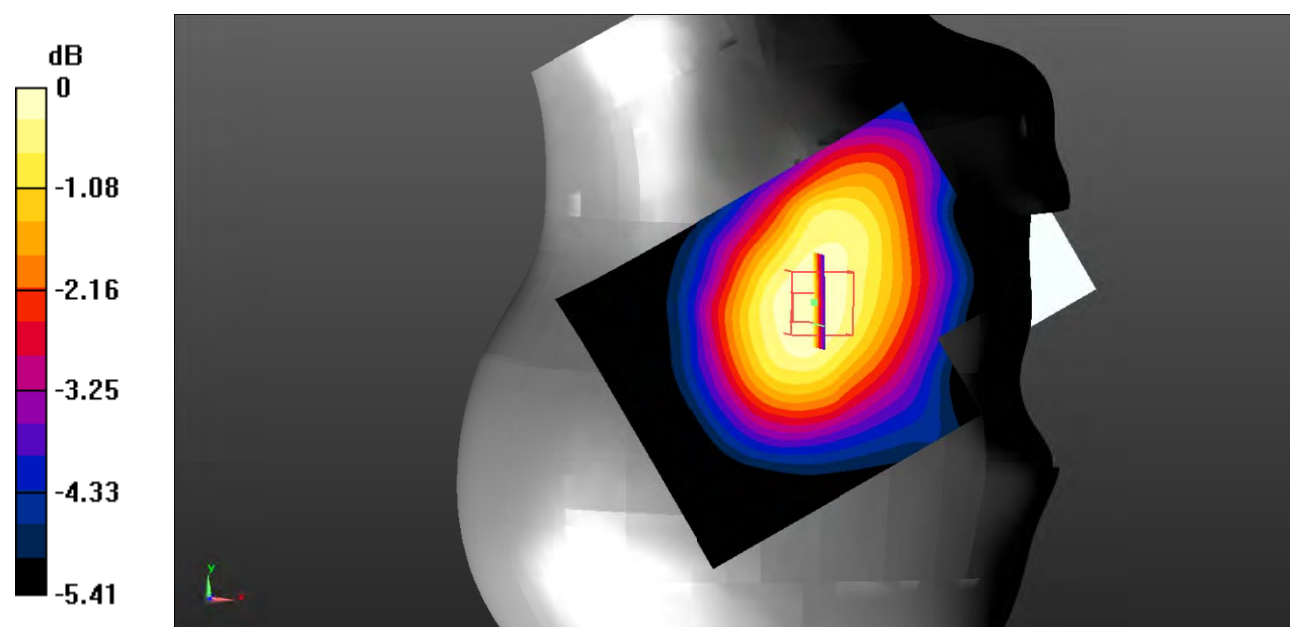
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.967 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 0.0380 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0328 W/kg



0 dB = 0.0328 W/kg = -14.84 dBW/kg

Test Plot 59#: LTE Band 5_Body Back_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

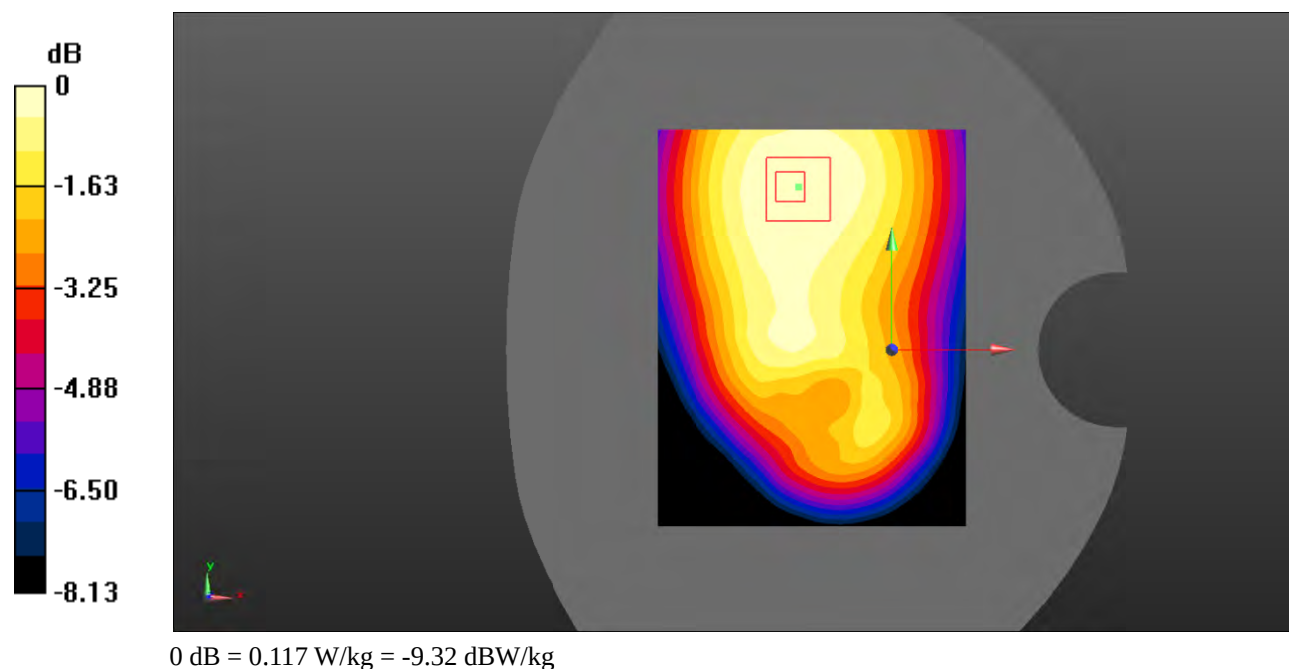
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.56 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.085 W/kg

Maximum value of SAR (measured) = 0.117 W/kg



Test Plot 60#: LTE Band 5_Body Back_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0876 W/kg

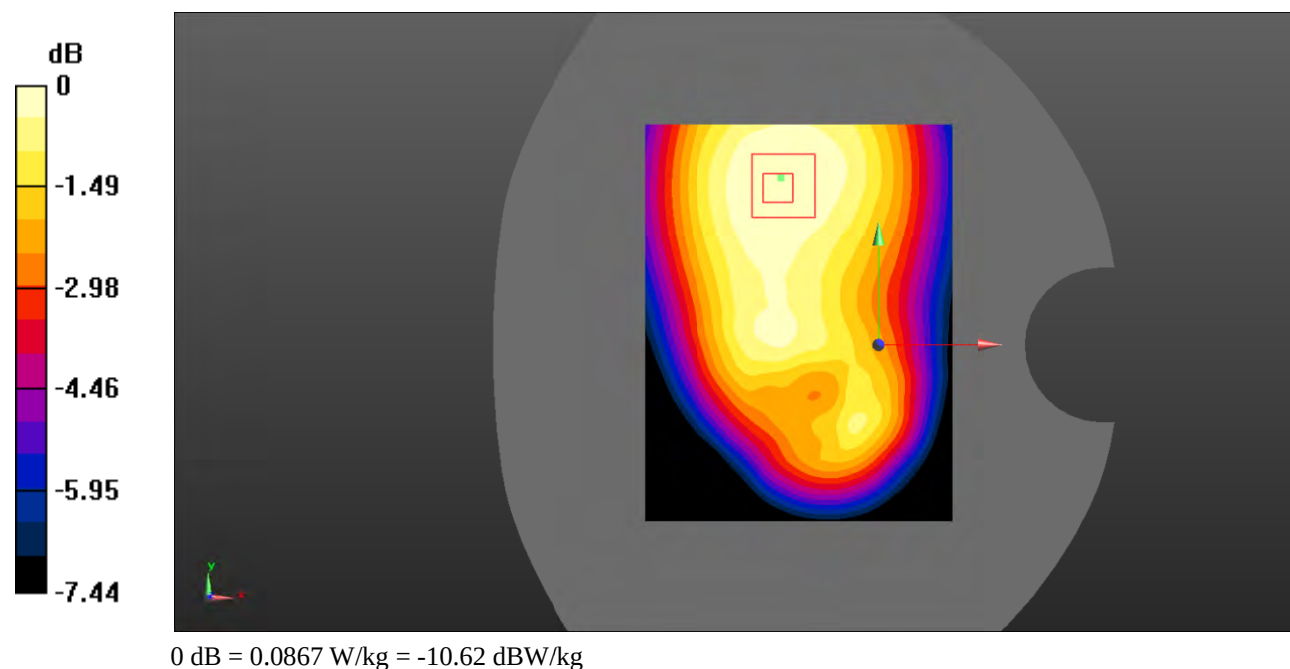
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.970 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.0867 W/kg



Test Plot 61#: LTE Band 5_Body Left_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0694 W/kg

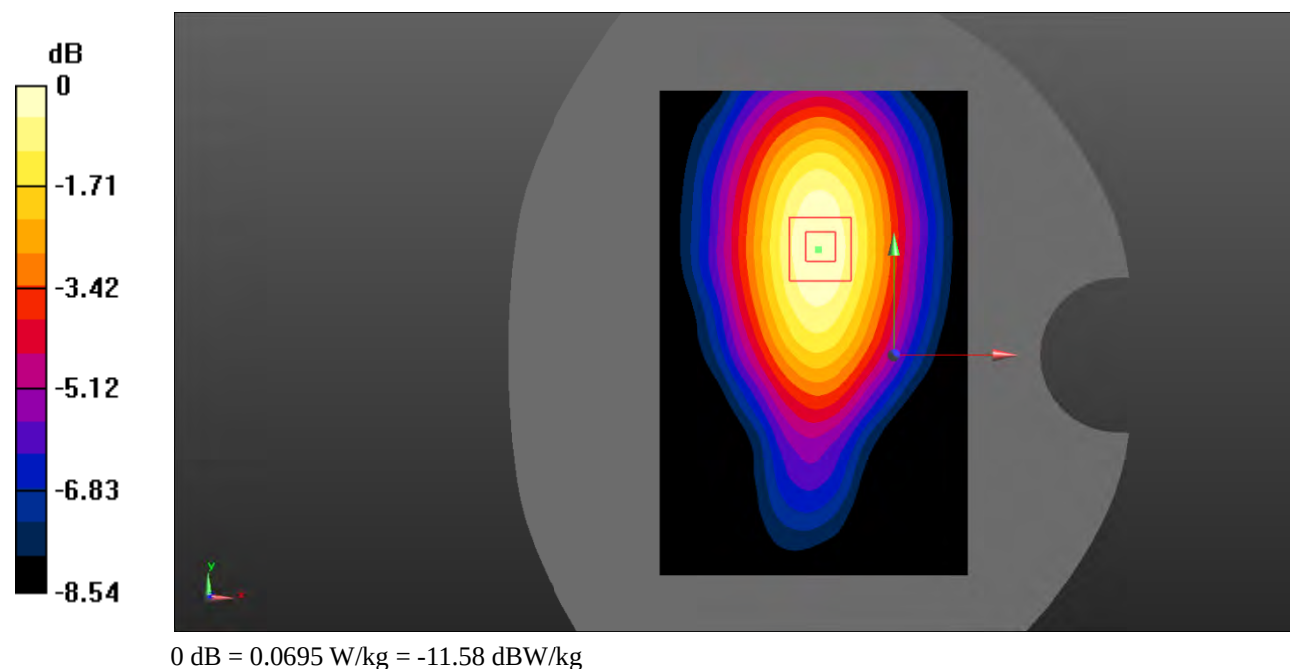
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.019 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0950 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.0695 W/kg



Test Plot 62#: LTE Band 5_Body Left_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0506 W/kg

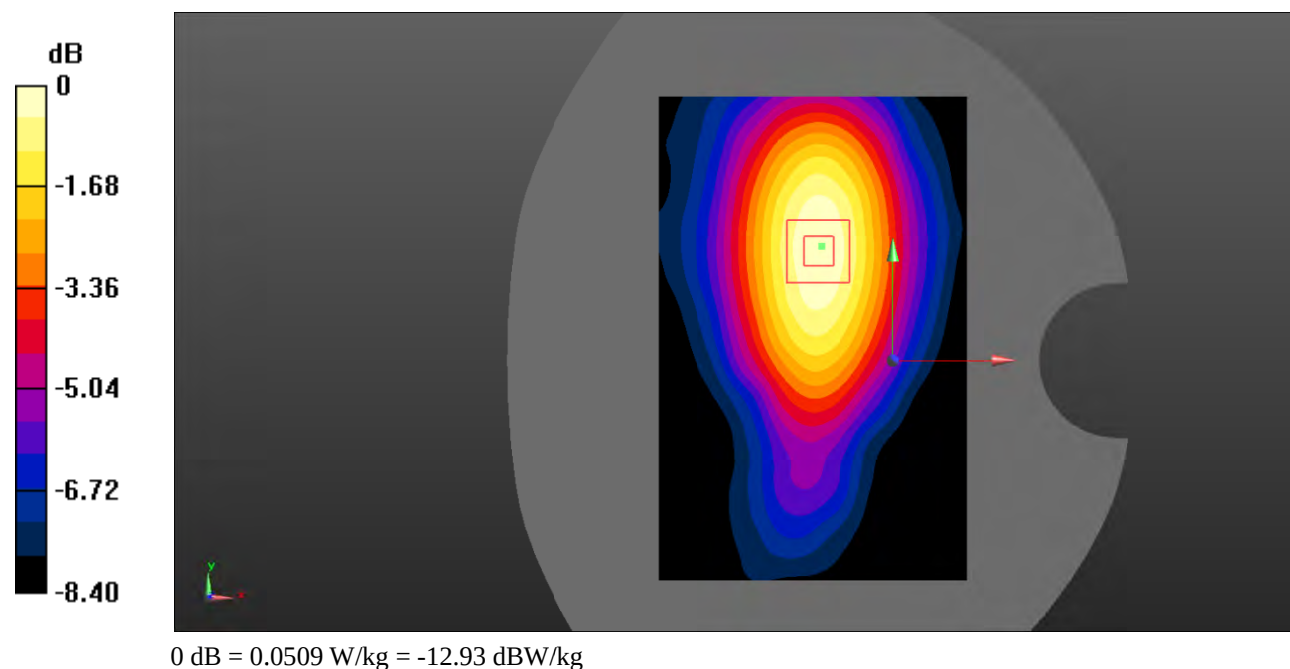
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.976 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0700 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.0509 W/kg



Test Plot 63#: LTE Band 5_Body Right_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.122 W/kg

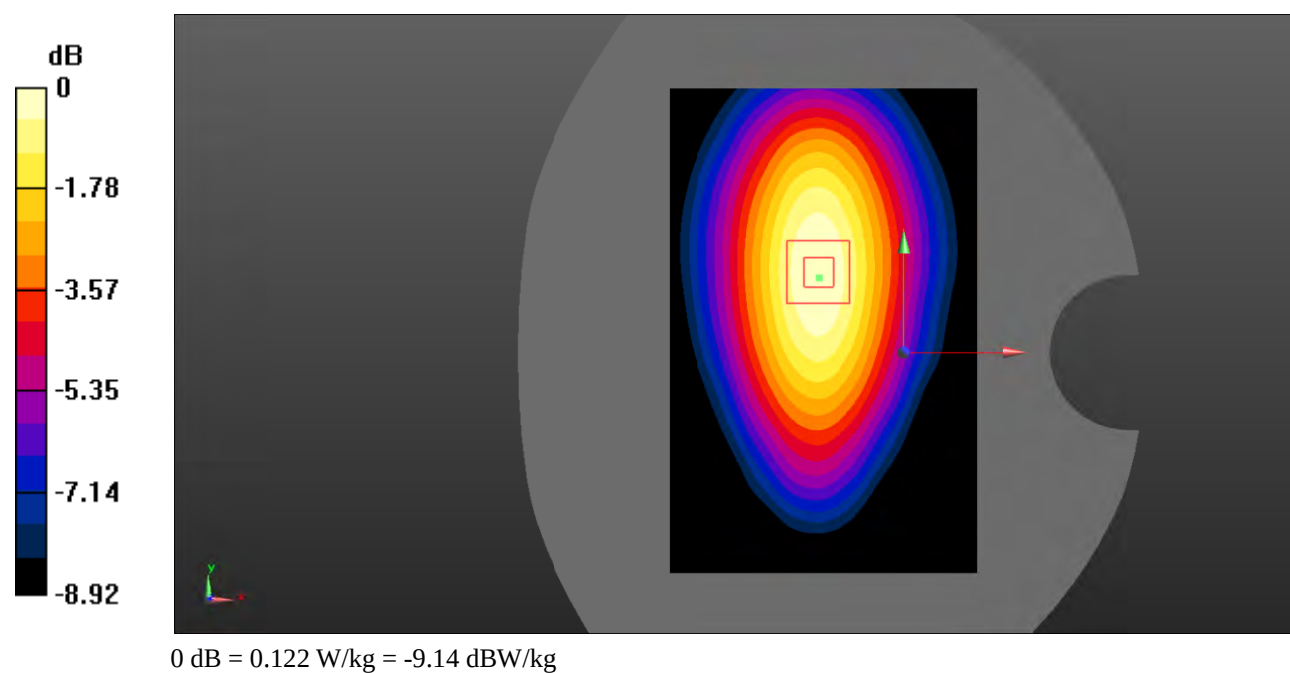
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.15 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.122 W/kg



Test Plot 64#: LTE Band 5_Body Right_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0921 W/kg

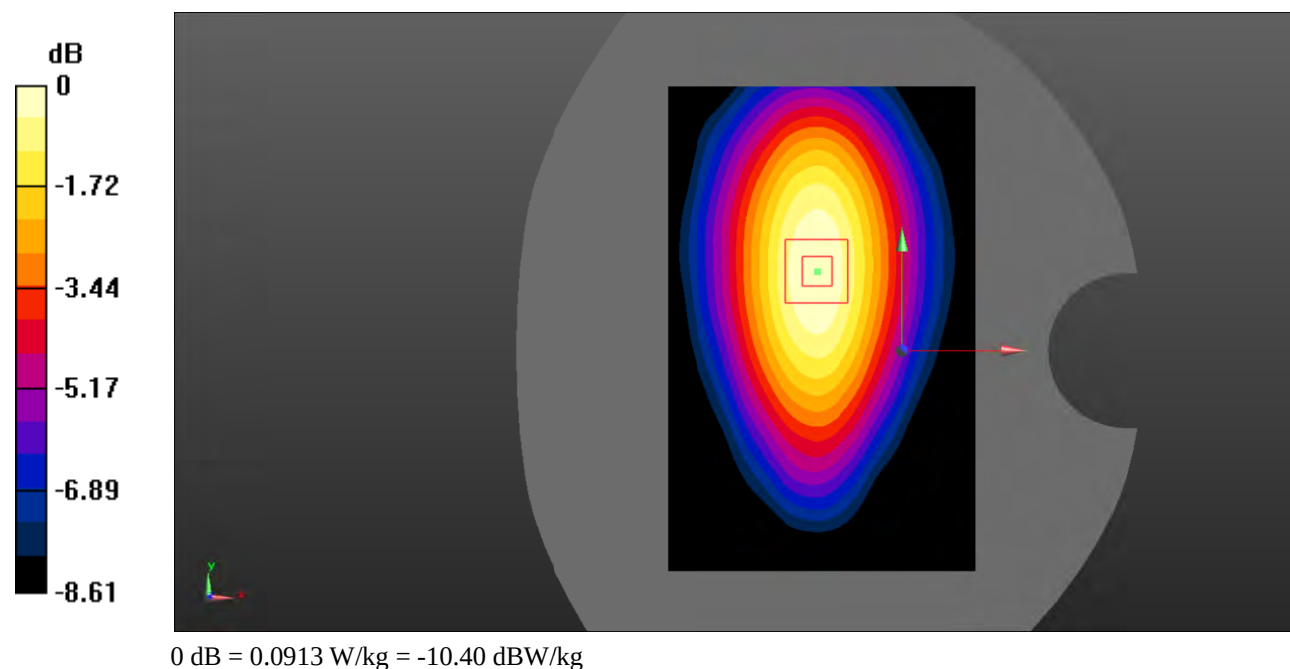
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.798 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.0913 W/kg



Test Plot 65#: LTE Band 5_Body Bottom_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0378 W/kg

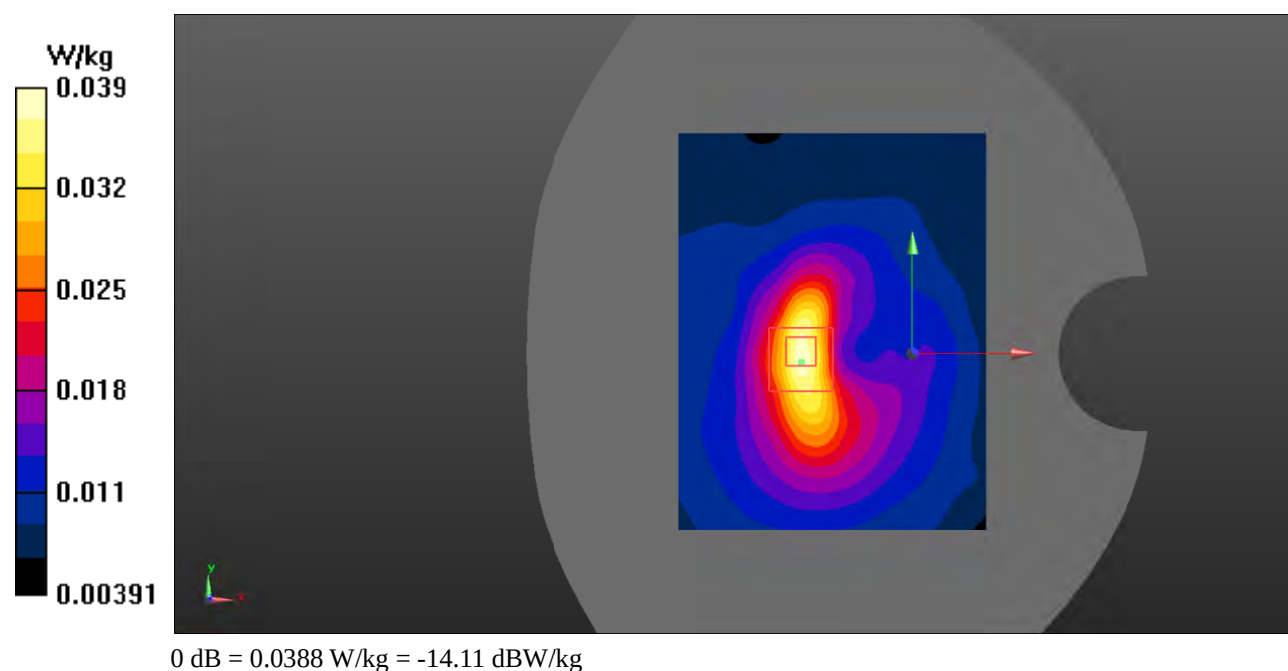
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.496 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0580 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0388 W/kg



Test Plot 66#: LTE Band 5_Body Bottom_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @836.5 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0304 W/kg

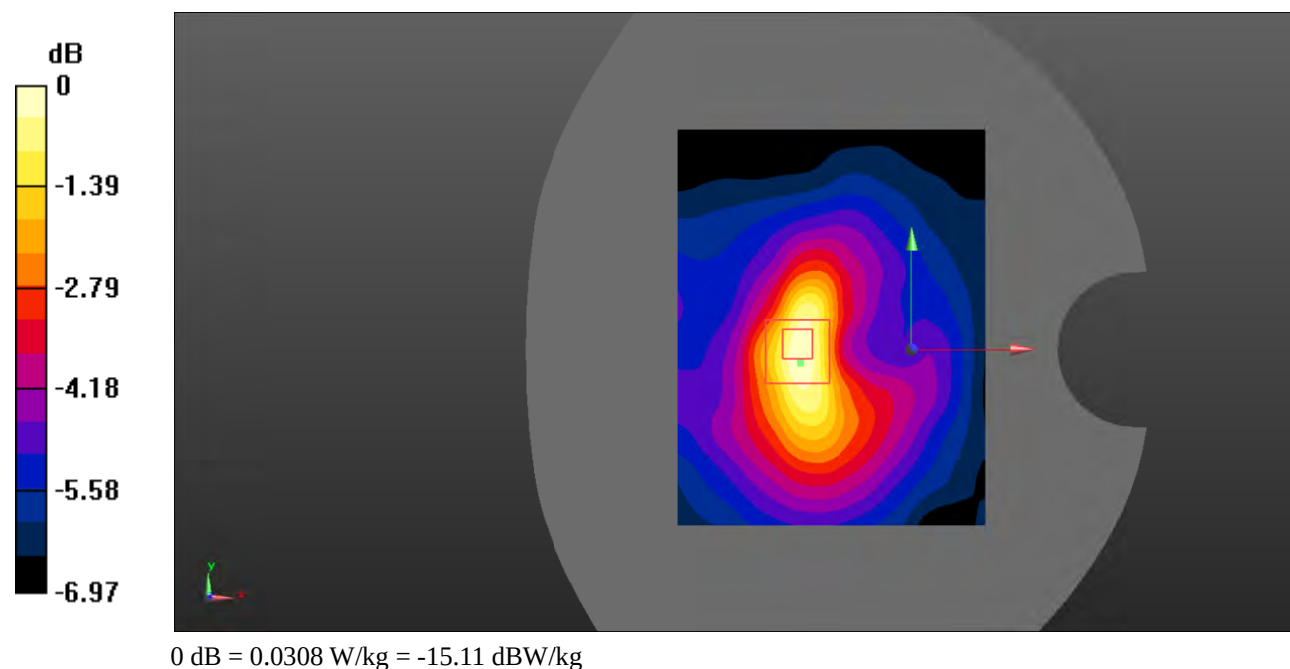
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.097 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0480 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0308 W/kg



Test Plot 67#: LTE Band 7_Head Left Cheek_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.280 W/kg

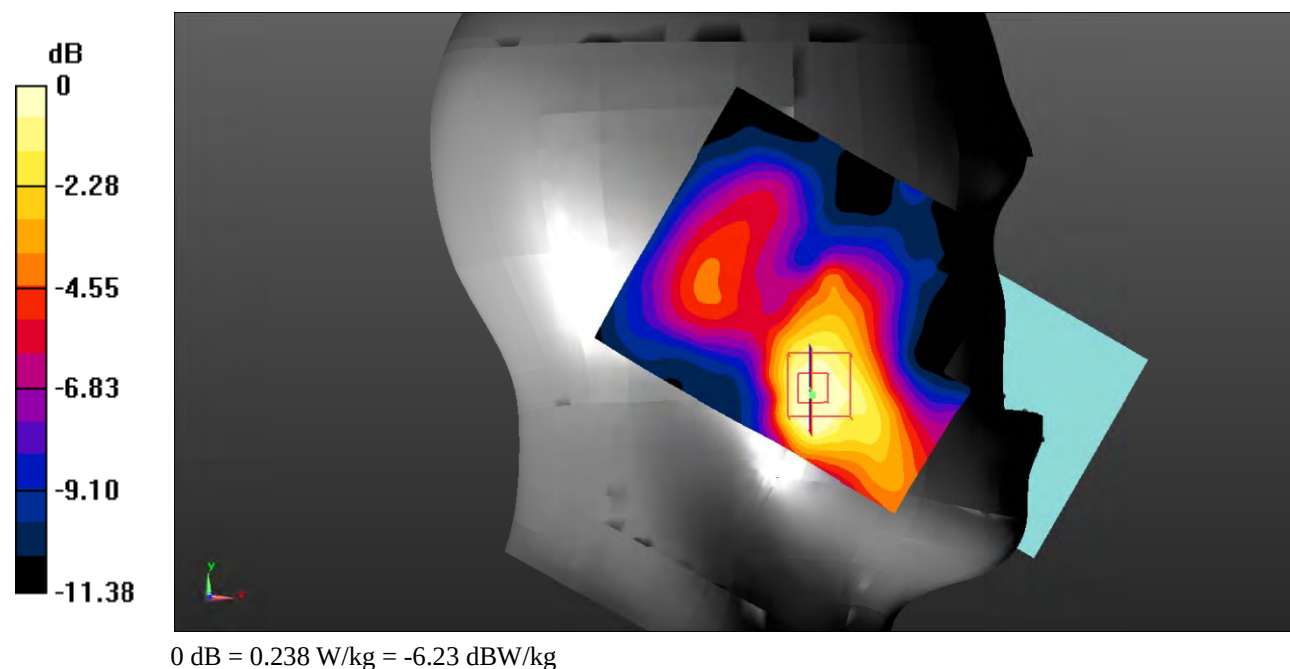
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.199 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.238 W/kg



Test Plot 68#: LTE Band 7_Head Left Cheek_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.433 W/kg

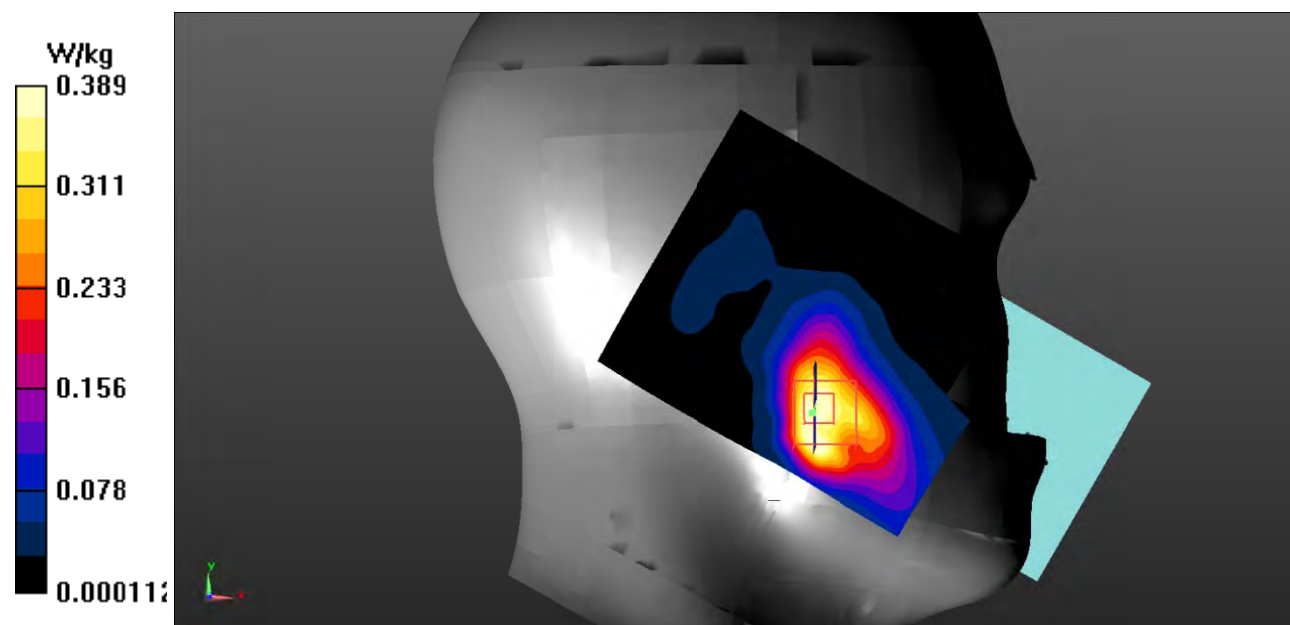
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.054 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.706 W/kg

SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.165 W/kg

Maximum value of SAR (measured) = 0.389 W/kg



0 dB = 0.389 W/kg = -4.10 dBW/kg

Test Plot 69#: LTE Band 7_Head Left Tilt_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

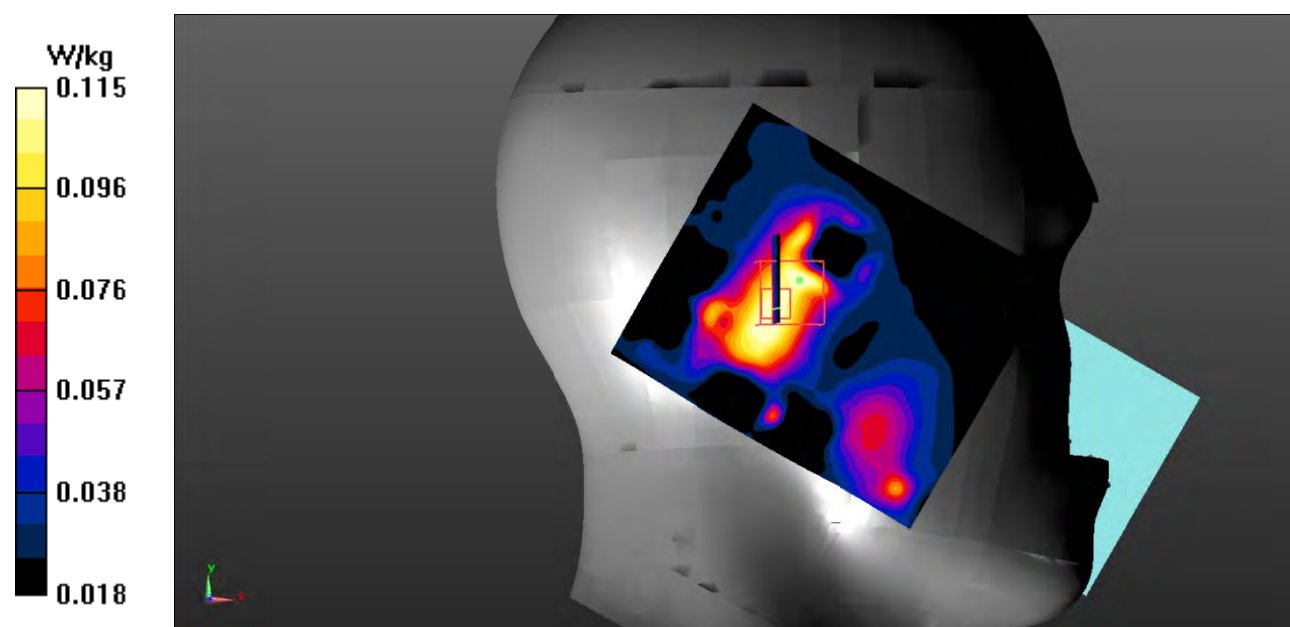
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.291 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.115 W/kg



0 dB = 0.115 W/kg = -9.39 dBW/kg

Test Plot 70#: LTE Band 7_Head Left Tilt_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

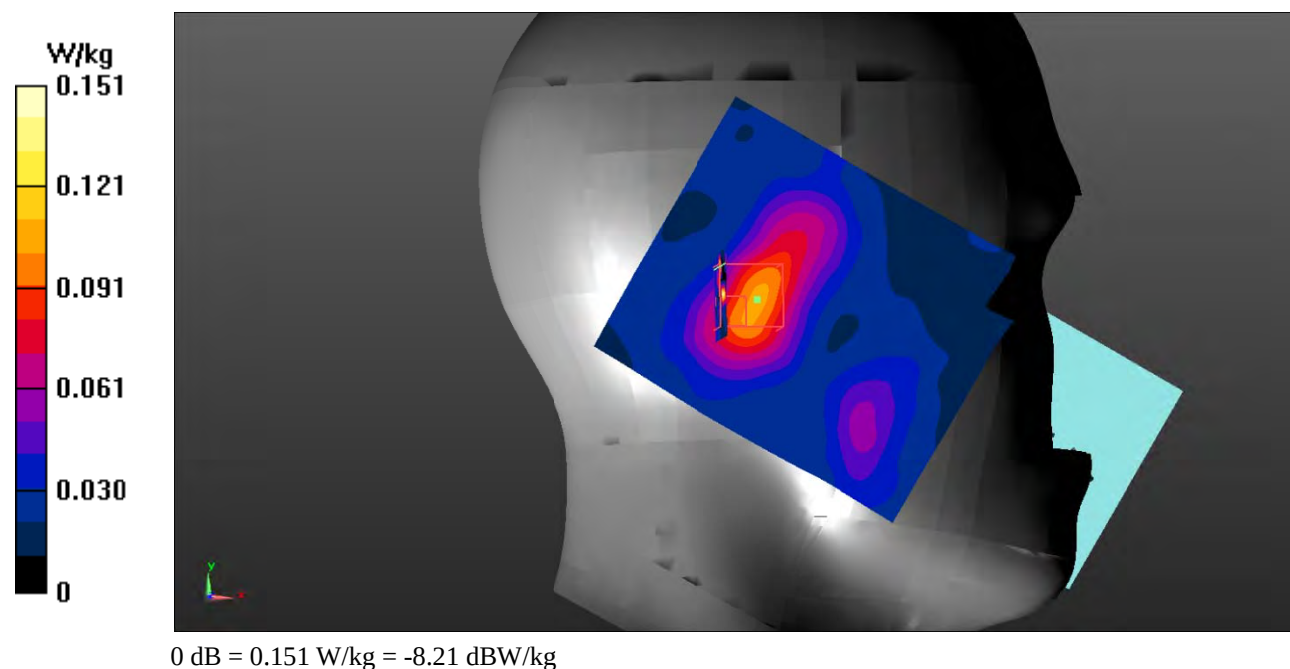
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.831 V/m; Power Drift = 0.0337 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.011 W/kg

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



Test Plot 71#: LTE Band 7_Head Right Cheek_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.337 W/kg

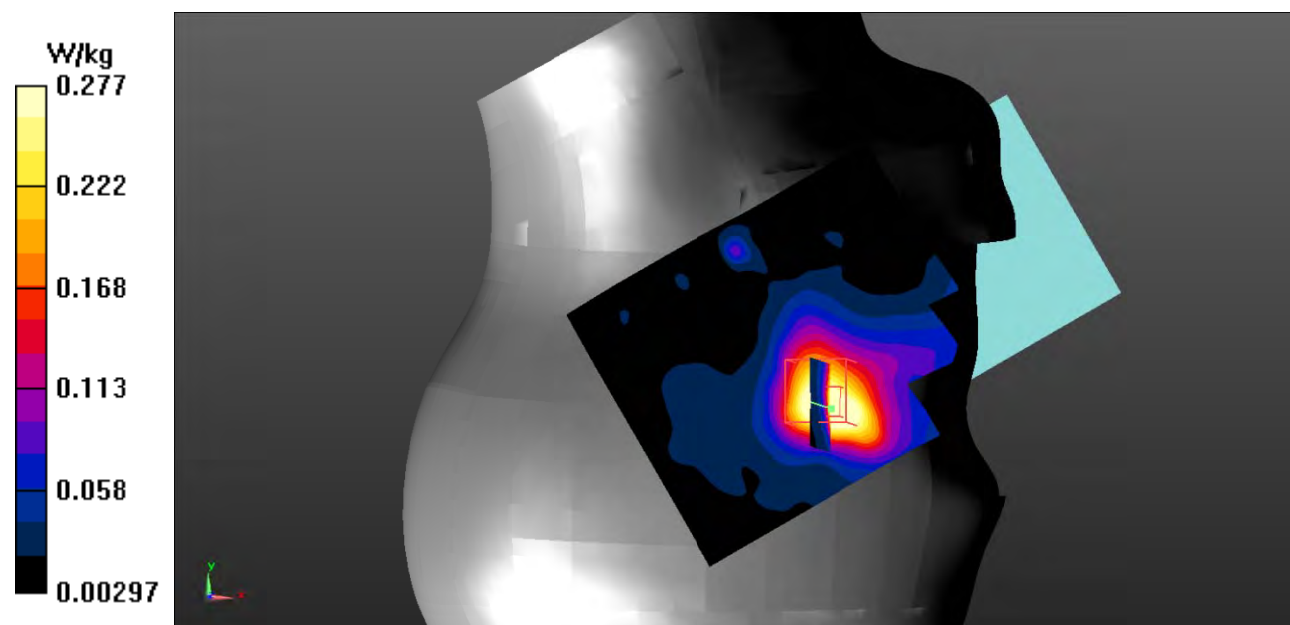
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.429 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.479 W/kg

SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.132 W/kg

Maximum value of SAR (measured) = 0.277 W/kg



0 dB = 0.277 W/kg = -5.58 dBW/kg

Test Plot 72#: LTE Band 7_Head Right Cheek_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.225 W/kg

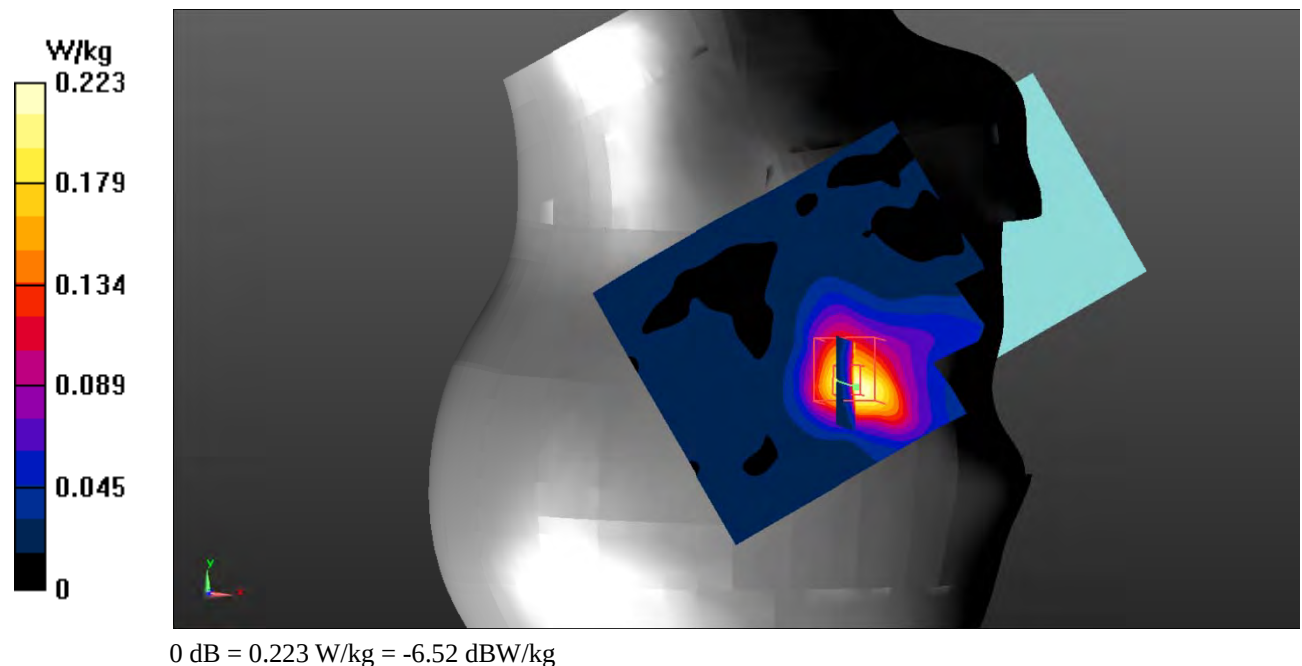
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.151 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 0.578 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.080 W/kg

Maximum value of SAR (measured) = 0.223 W/kg



Test Plot 73#: LTE Band 7_Head Right Tilt_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

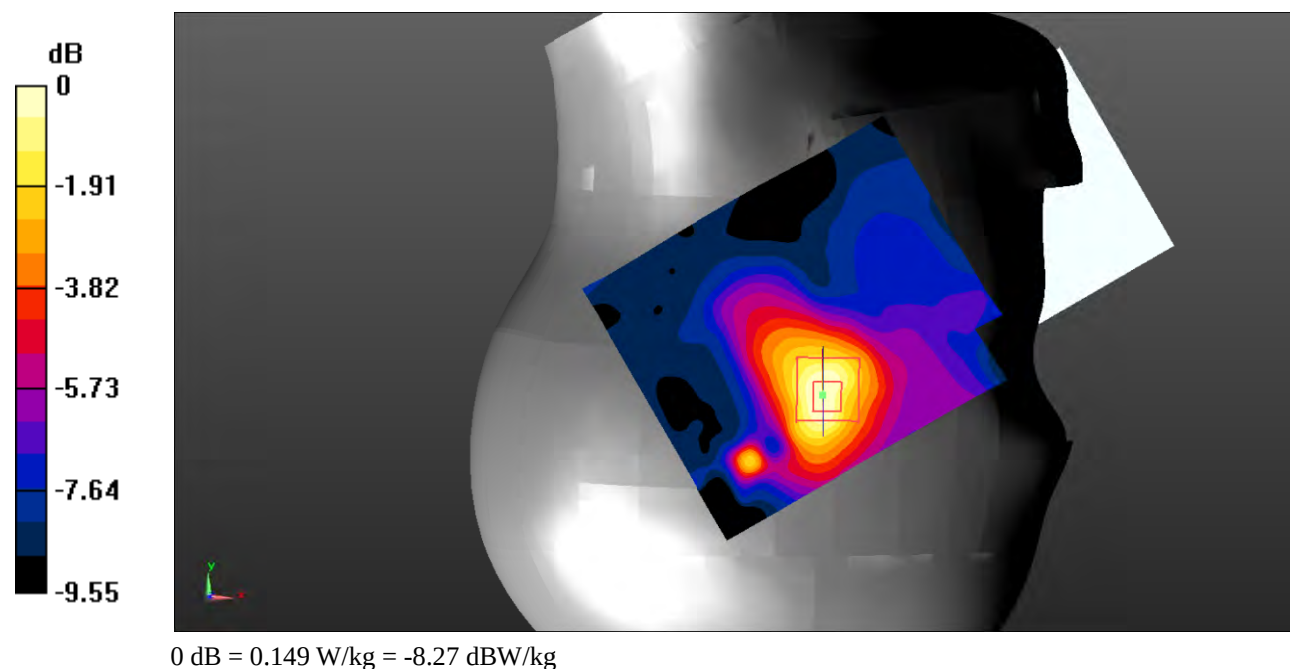
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.084 V/m; Power Drift = 0.146 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.081 W/kg

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



Test Plot 74#: LTE Band 7_Head Right Tilt_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.146 W/kg

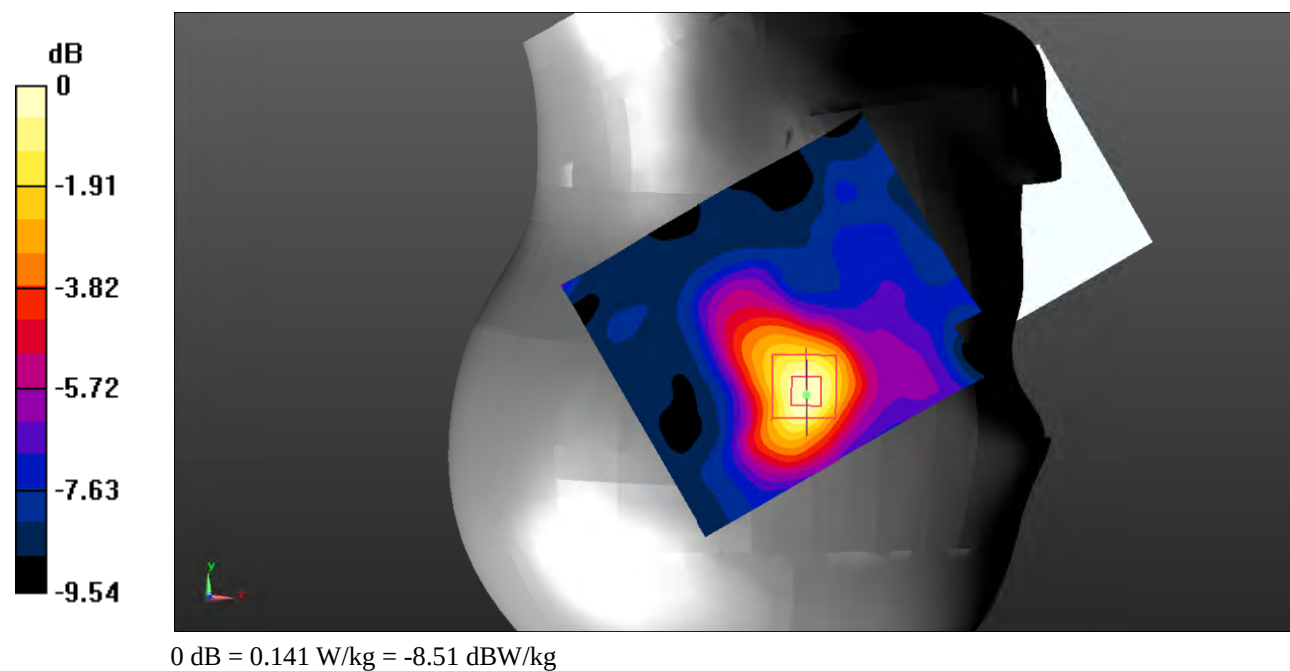
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.877 V/m; Power Drift = 0.159 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.076 W/kg

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



Test Plot 75#: LTE Band 7_Body Back_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

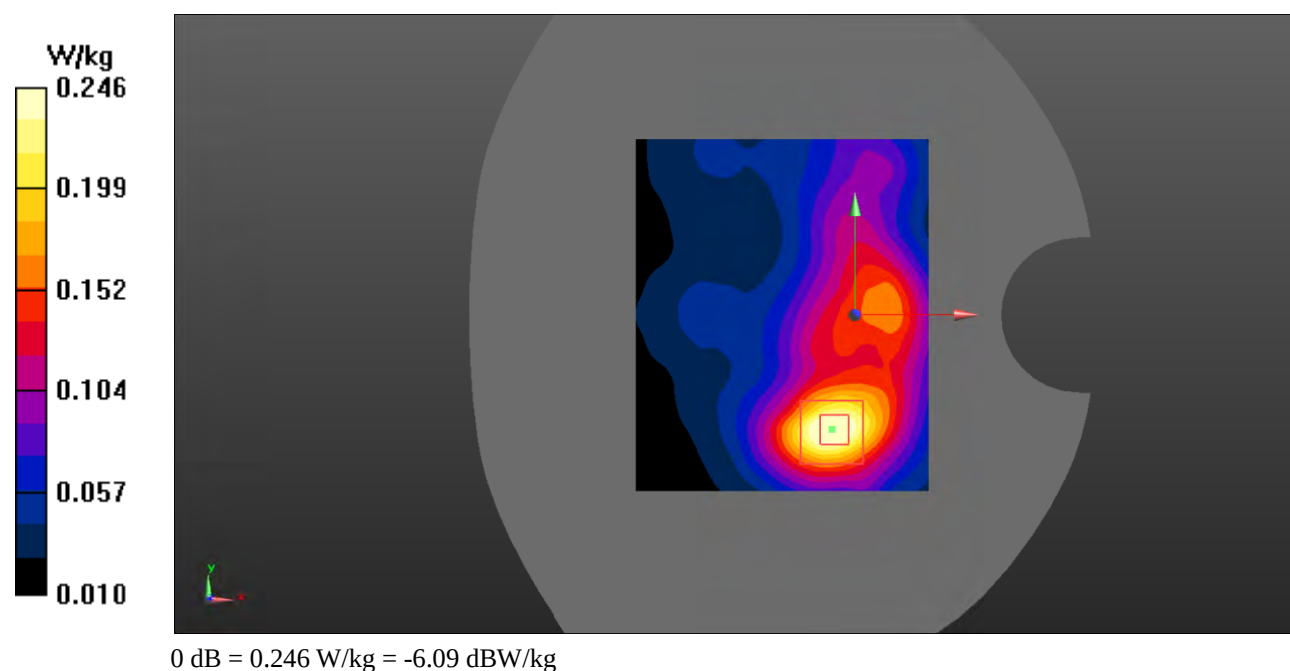
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.185 V/m; Power Drift = -0.0132 dB

Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.118 W/kg

Maximum value of SAR (measured) = 0.246 W/kg



Test Plot 76#: LTE Band 7_Body Back_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

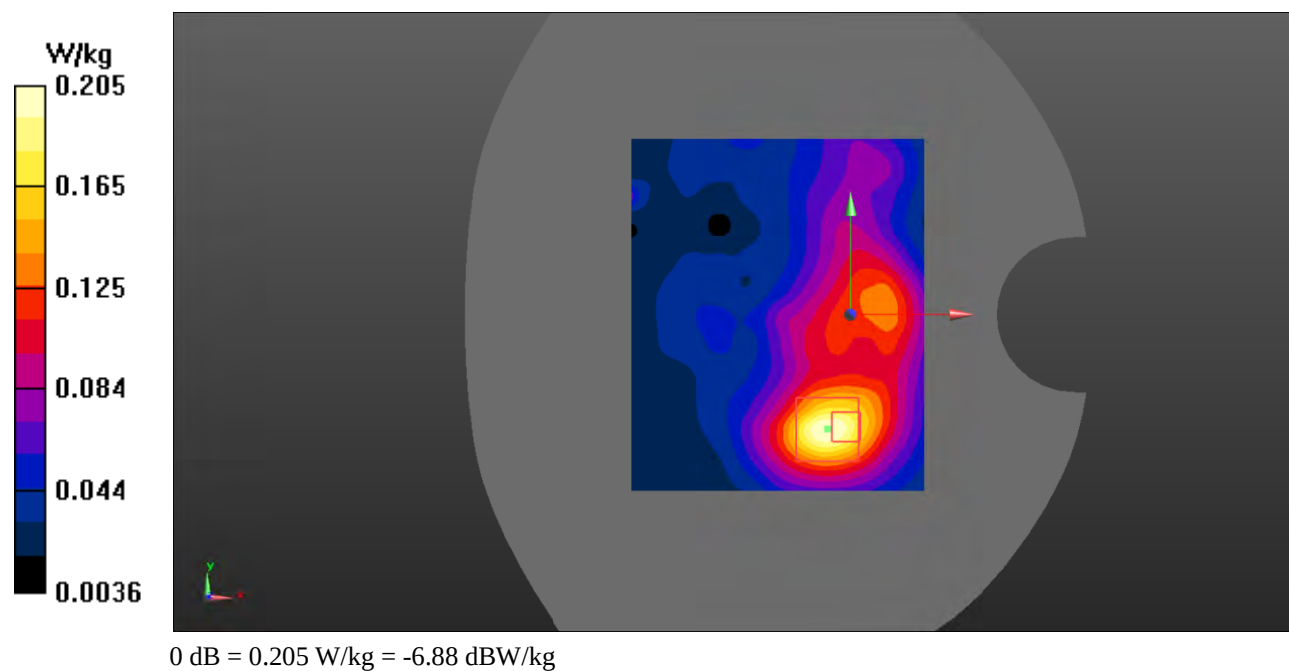
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.562 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 0.769 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.077 W/kg

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



Test Plot 77#: LTE Band 7_Body Left_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.375 W/kg

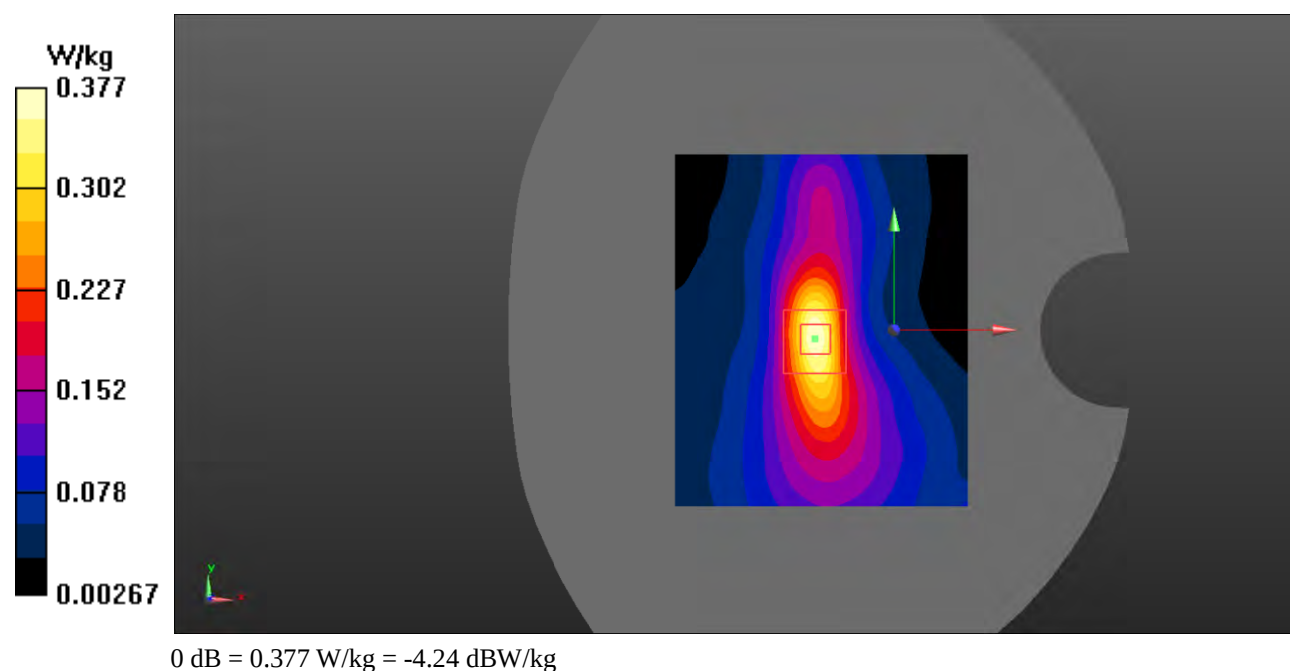
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.81 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.173 W/kg

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



Test Plot 78#: LTE Band 7_Body Left_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.364 W/kg

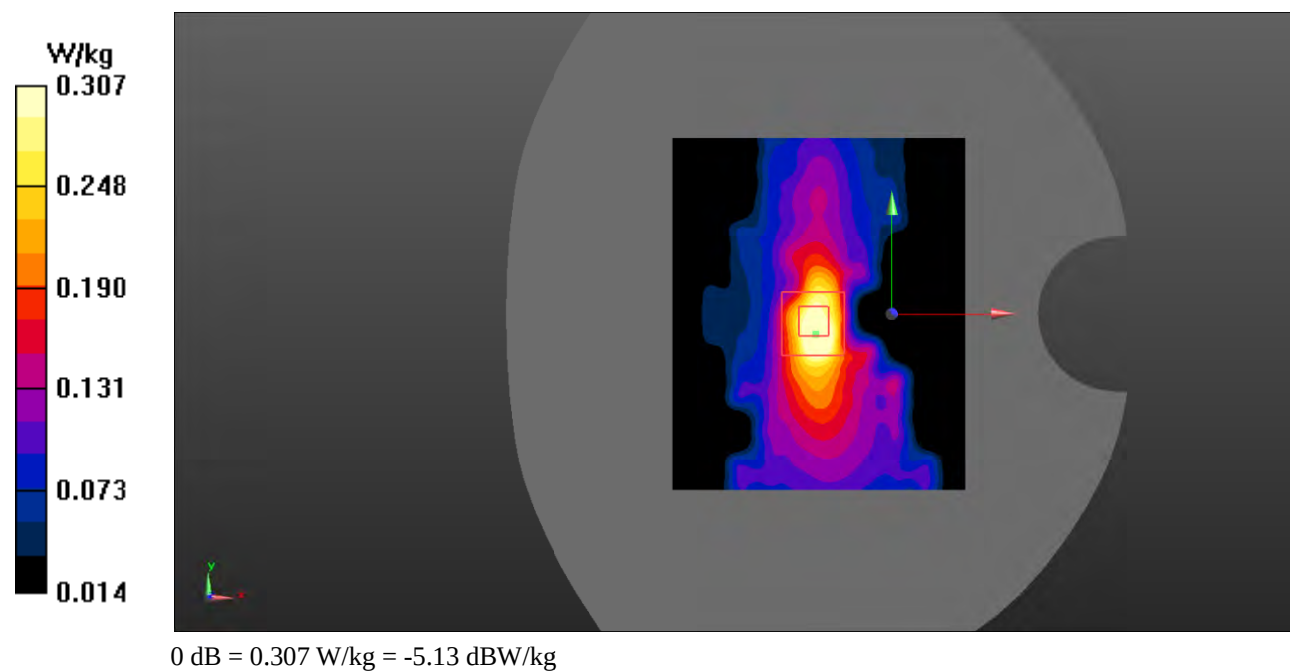
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.59 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (measured) = 0.307 W/kg



Test Plot 79#: LTE Band 7_Body Right_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0525 W/kg

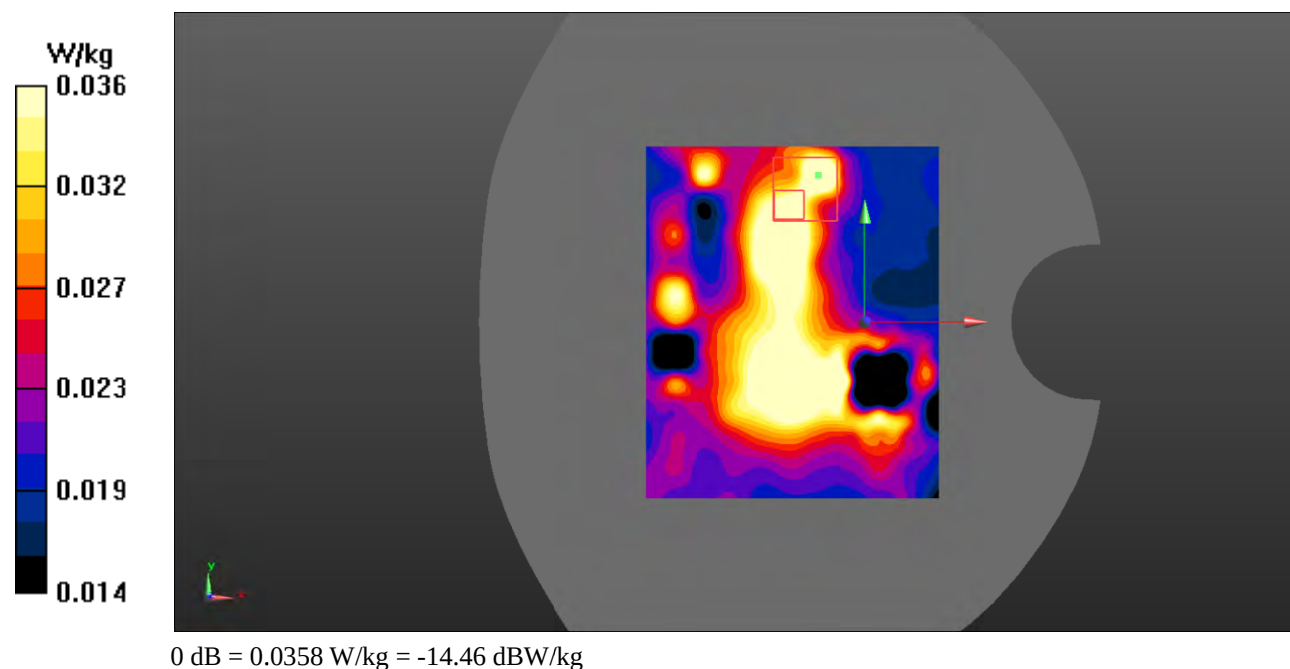
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.213 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0358 W/kg



Test Plot 80#: LTE Band 7_Body Right_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0338 W/kg

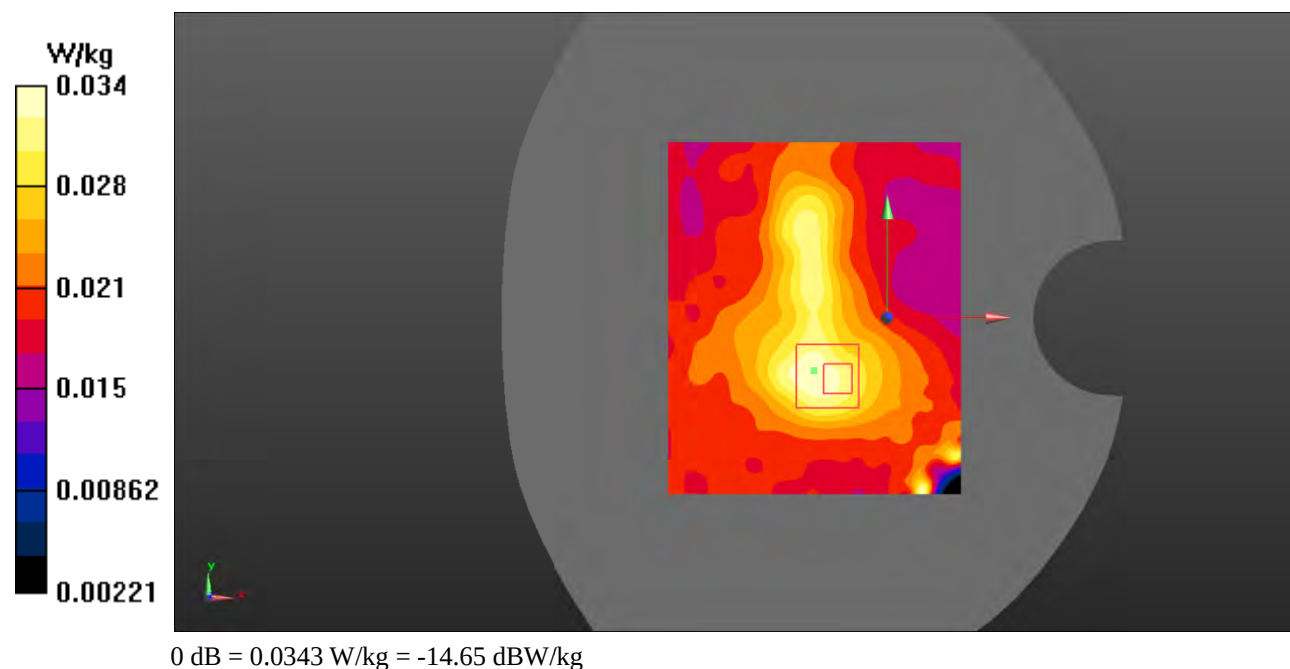
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.070 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0343 W/kg



Test Plot 81#: LTE Band 7_Body Bottom_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.947 W/kg

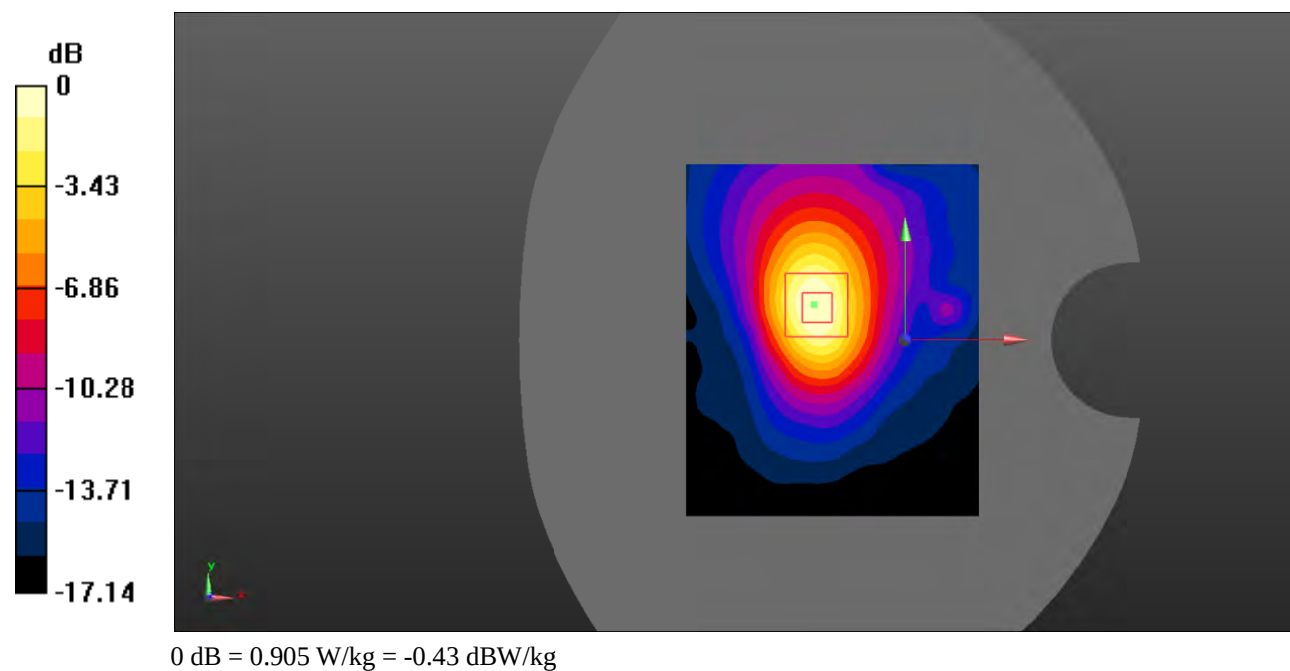
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.25 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.390 W/kg

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



Test Plot 82#: LTE Band 7_Body Bottom_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.37, 7.37, 7.37) @2535 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.792 W/kg

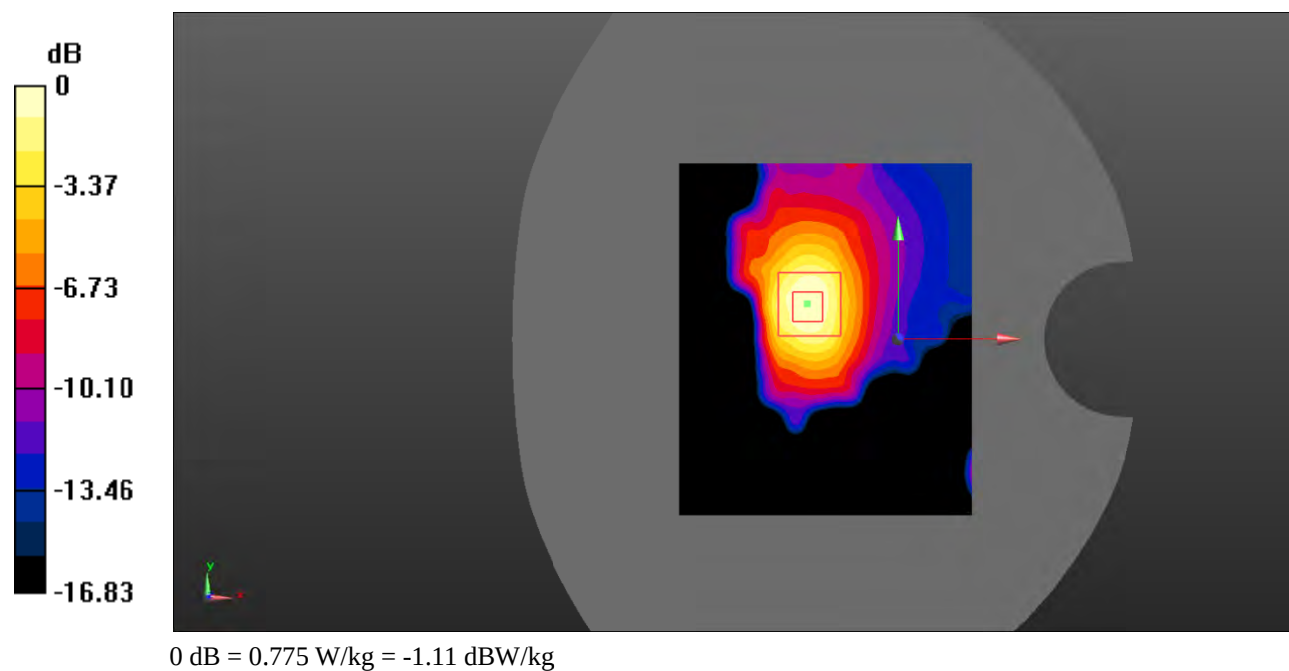
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.84 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 0.775 W/kg



Test Plot 83#: LTE Band 17_Head Left Cheek_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0977 W/kg

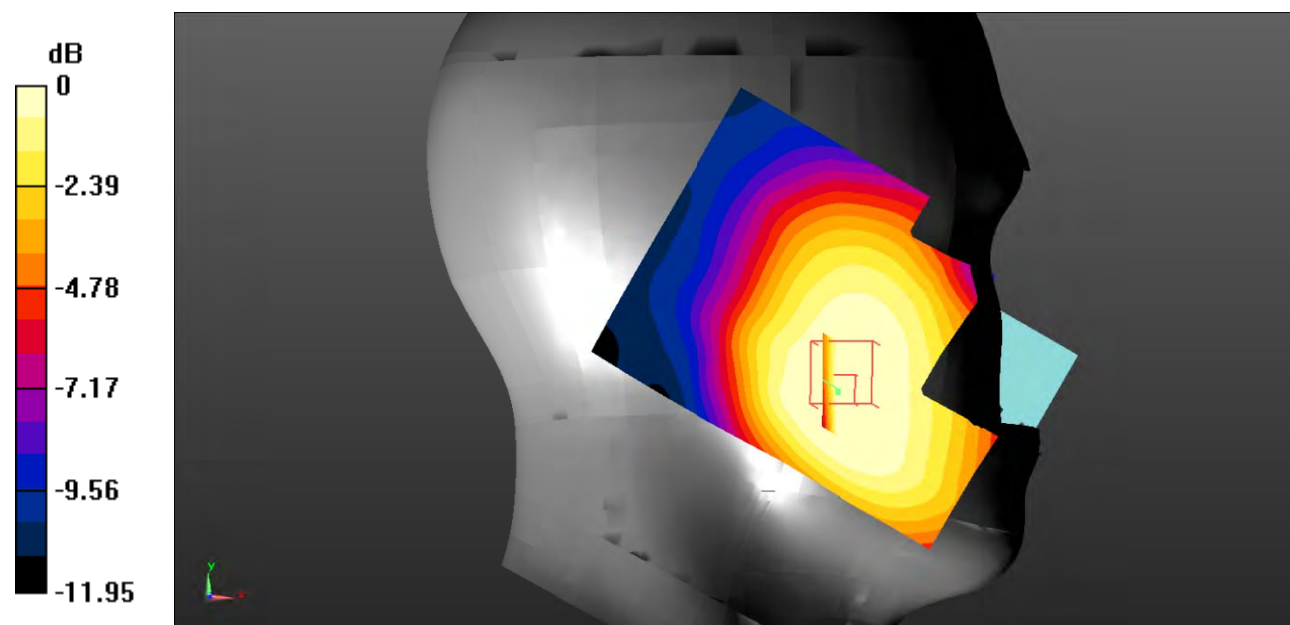
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.712 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.0839 W/kg



0 dB = 0.0839 W/kg = -10.76 dBW/kg

Test Plot 84#: LTE Band 17_Head Left Cheek_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0626 W/kg

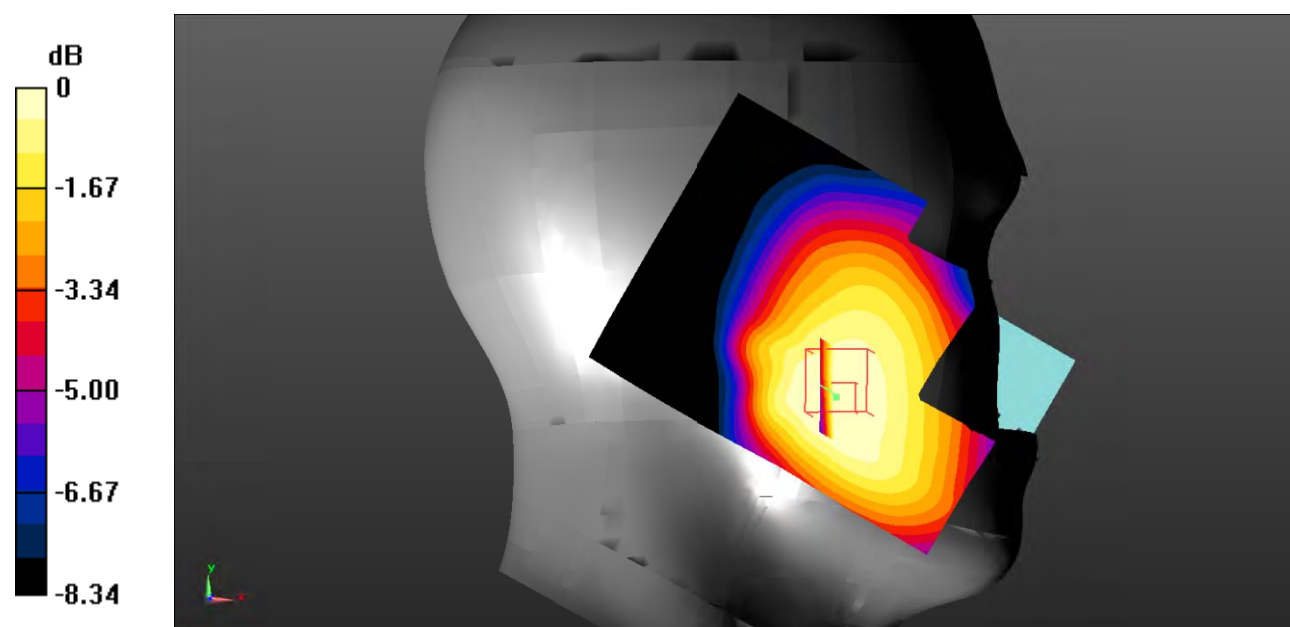
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.358 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 0.0730 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.0615 W/kg



0 dB = 0.0615 W/kg = -12.11 dBW/kg

Test Plot 85#: LTE Band 17_Head Left Tilt_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0428 W/kg

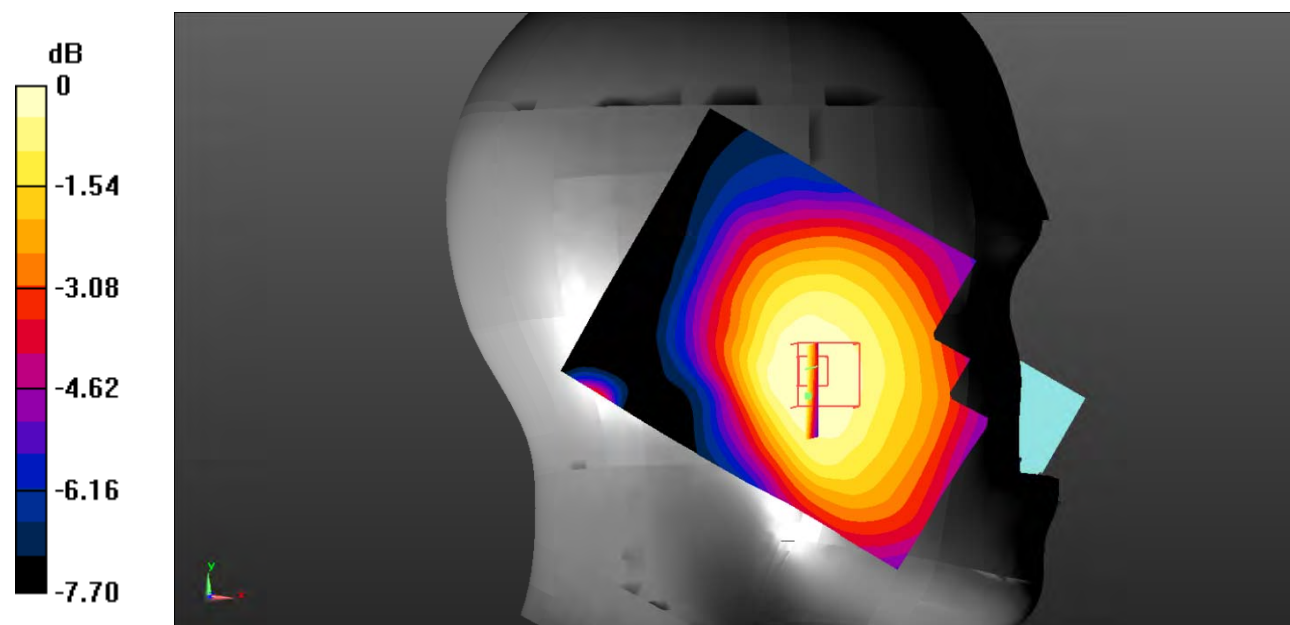
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.737 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.0470 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.033 W/kg

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



0 dB = 0.0408 W/kg = -13.89 dBW/kg

Test Plot 86#: LTE Band 17_Head Left Tilt_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0316 W/kg

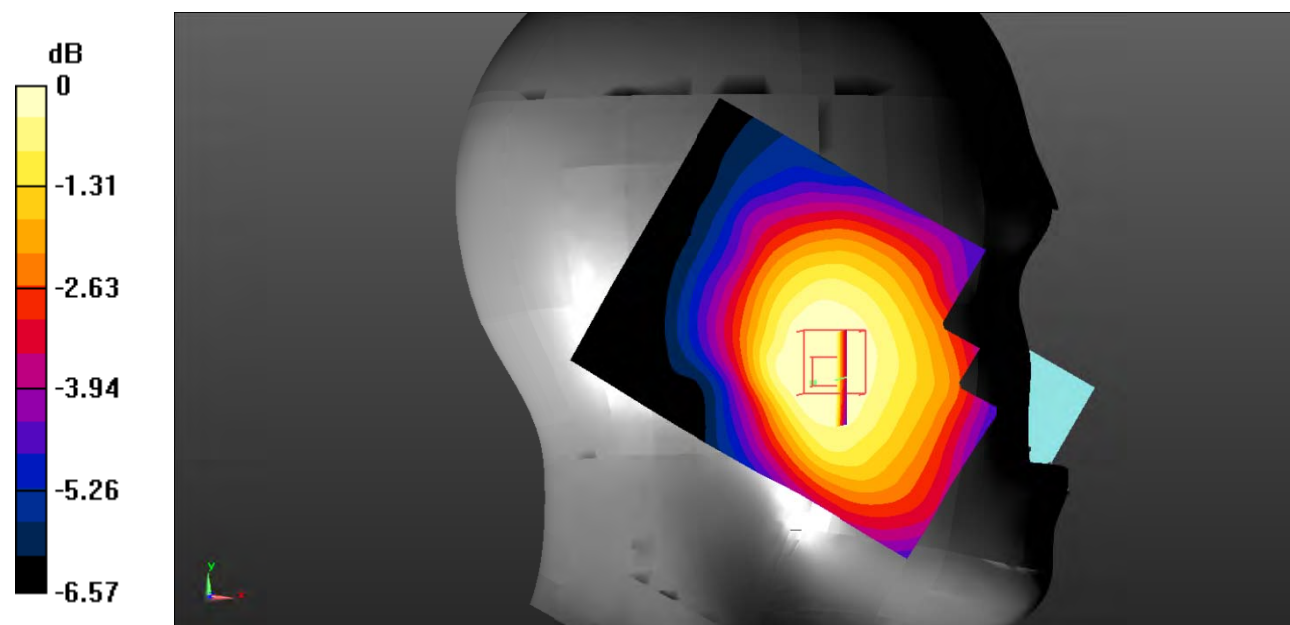
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.321 V/m; Power Drift = 0.172 dB

Peak SAR (extrapolated) = 0.0330 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0298 W/kg



0 dB = 0.0298 W/kg = -15.26 dBW/kg

Test Plot 87#: LTE Band 17_Head Right Cheek_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0829 W/kg

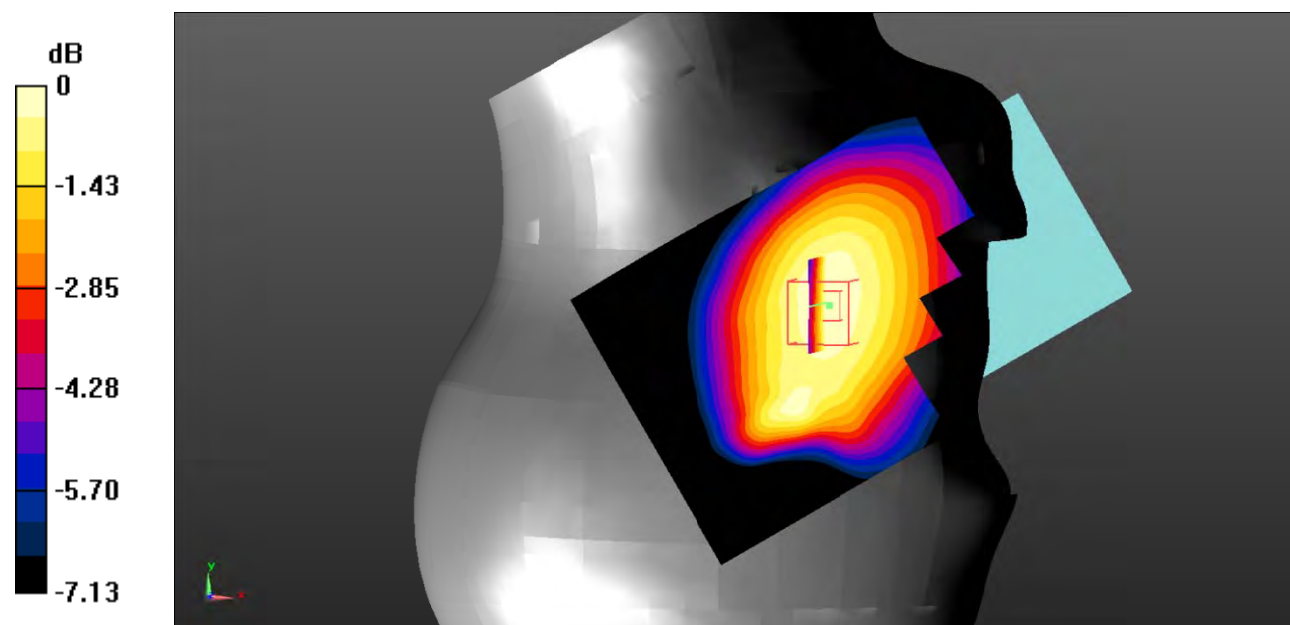
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.619 V/m; Power Drift = 0.0252 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.0854 W/kg



0 dB = 0.0854 W/kg = -10.69 dBW/kg

Test Plot 88#: LTE Band 17_Head Right Cheek_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0625 W/kg

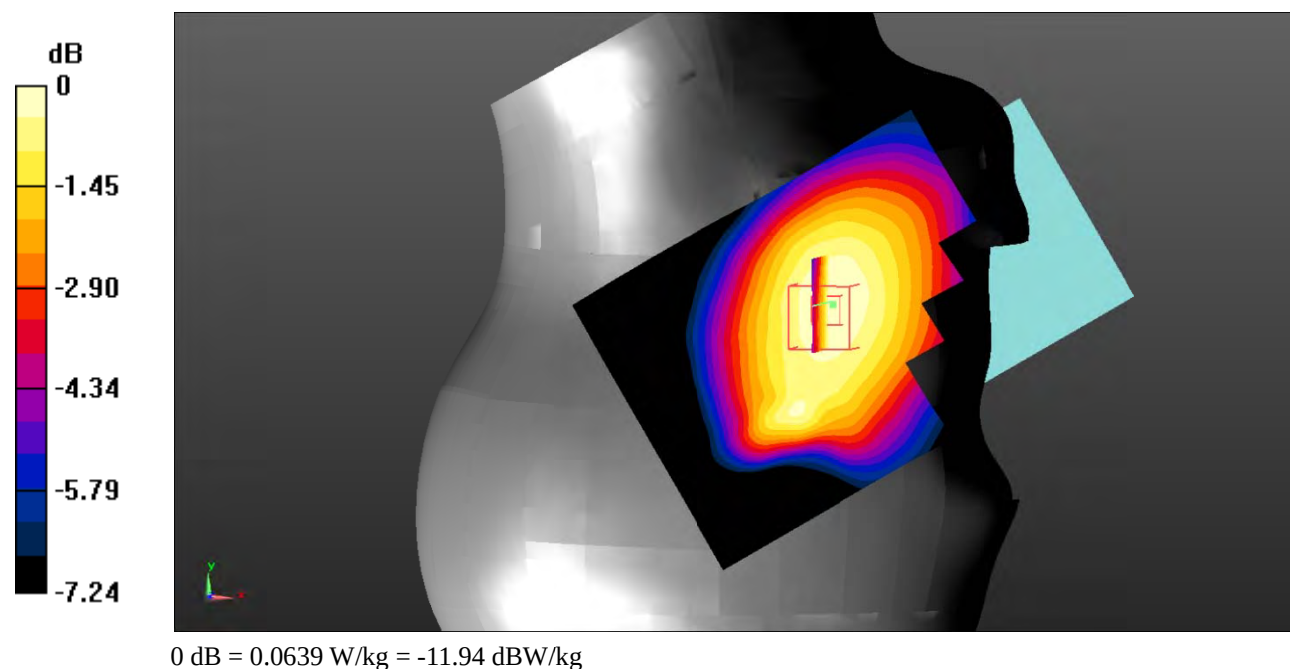
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.222 V/m; Power Drift = 0.0163 dB

Peak SAR (extrapolated) = 0.0730 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.051 W/kg

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



Test Plot 89#: LTE Band 17_Head Right Tilt_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0471 W/kg

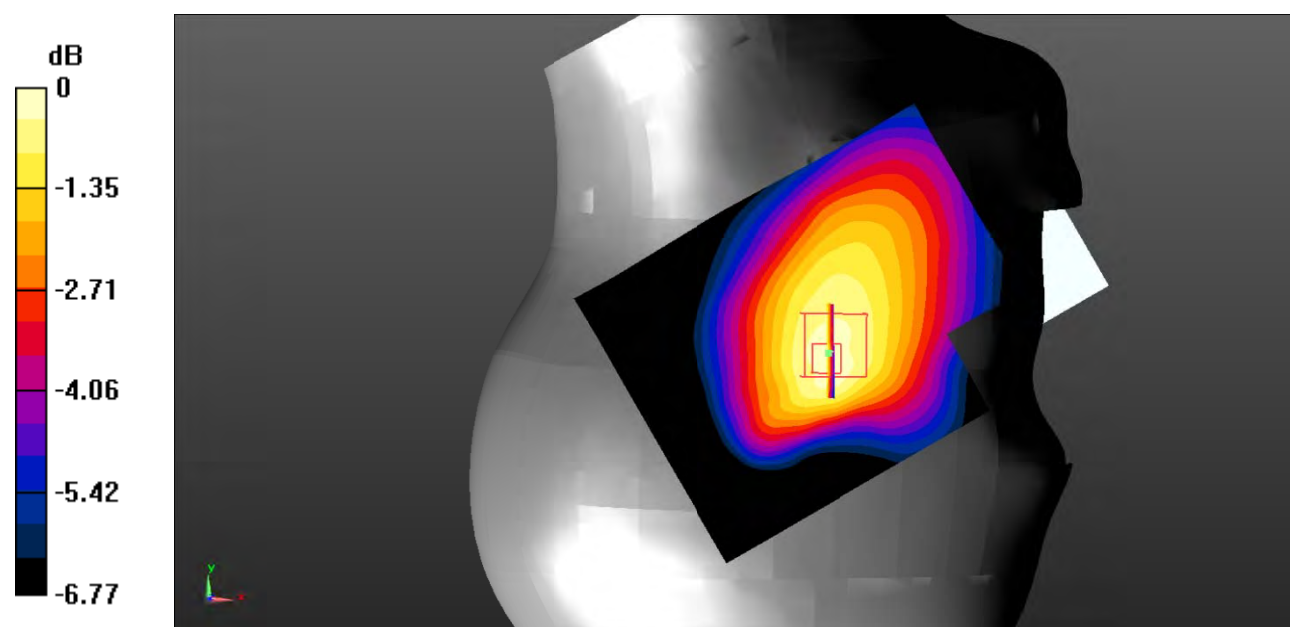
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.547 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 0.0560 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.0491 W/kg



0 dB = 0.0491 W/kg = -13.09 dBW/kg

Test Plot 90#: LTE Band 17_Head Right Tilt_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0331 W/kg

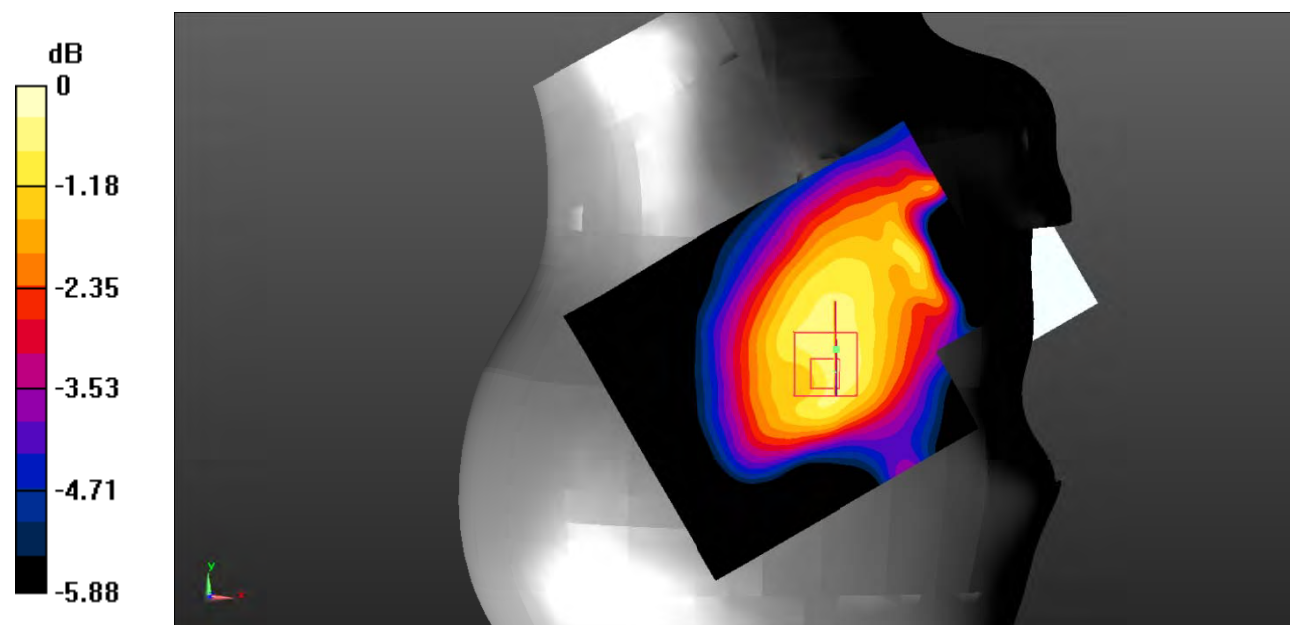
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.763 V/m; Power Drift = 0.188 dB

Peak SAR (extrapolated) = 0.0420 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0362 W/kg



0 dB = 0.0362 W/kg = -14.41 dBW/kg

Test Plot 91#: LTE Band 17_Body Back_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.146 W/kg

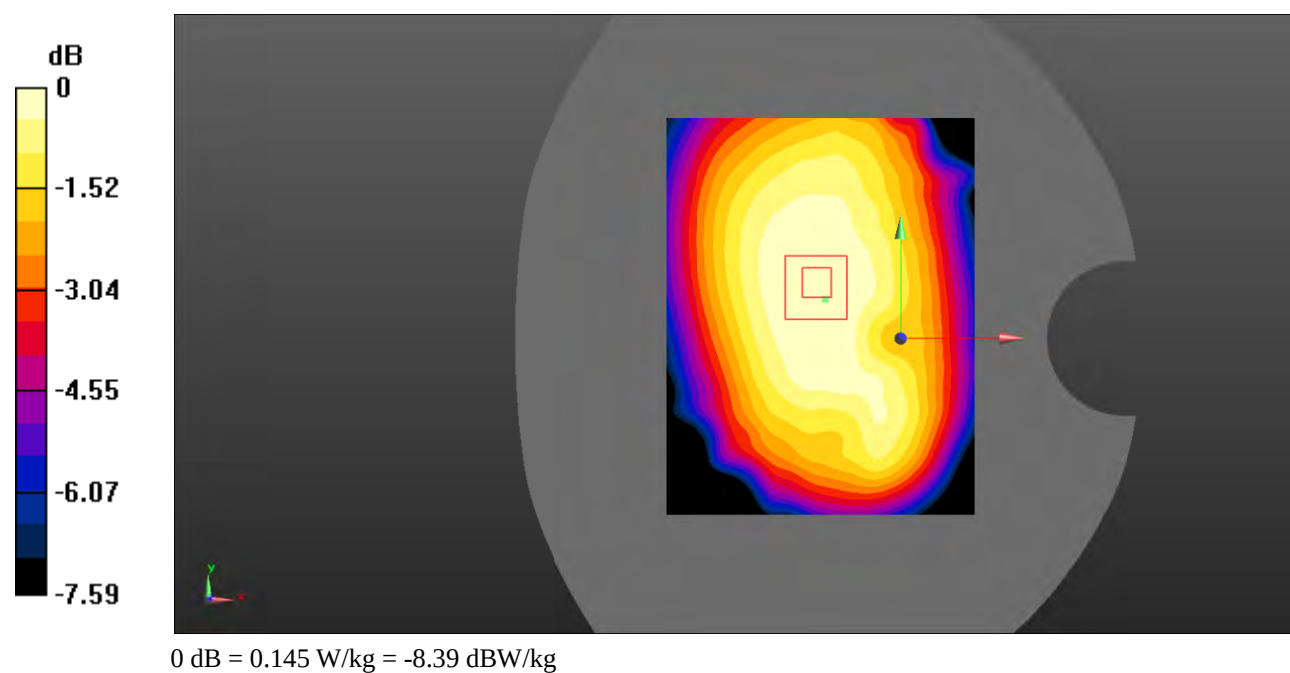
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.80 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.110 W/kg

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



Test Plot 92#: LTE Band 17_Body Back_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.113 W/kg

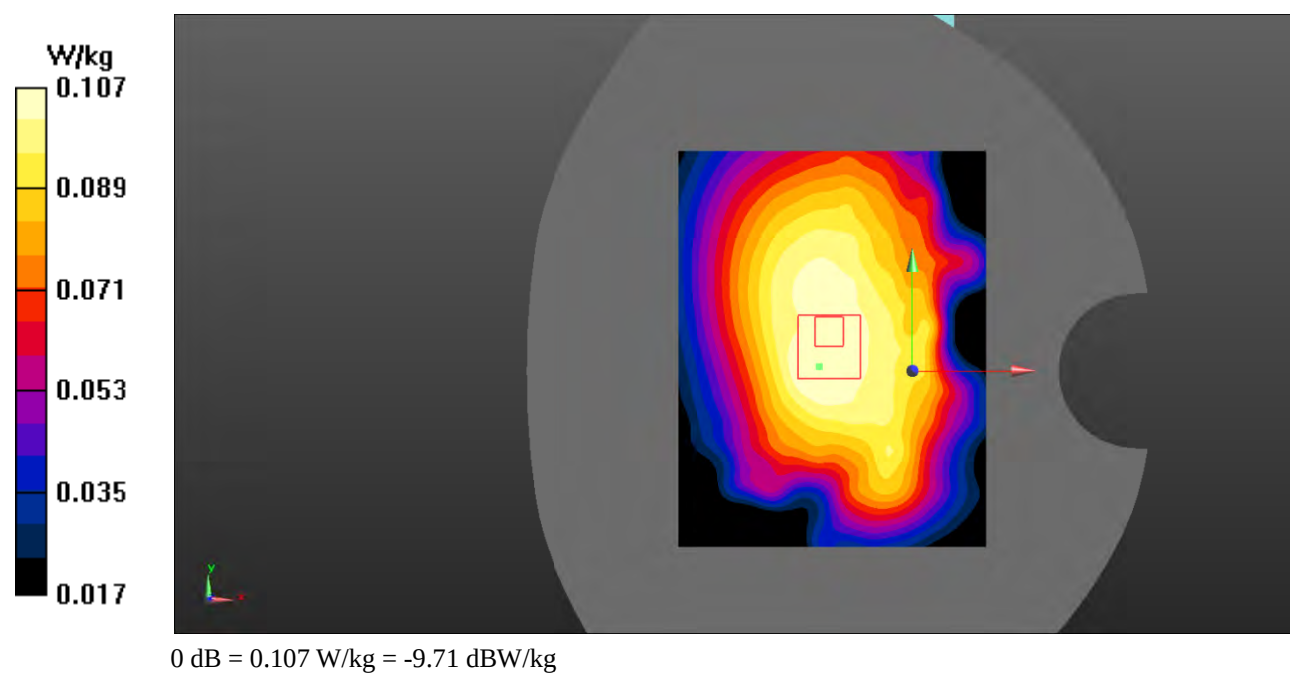
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.02 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.081 W/kg

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



Test Plot 93#: LTE Band 17_Body Left_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0978 W/kg

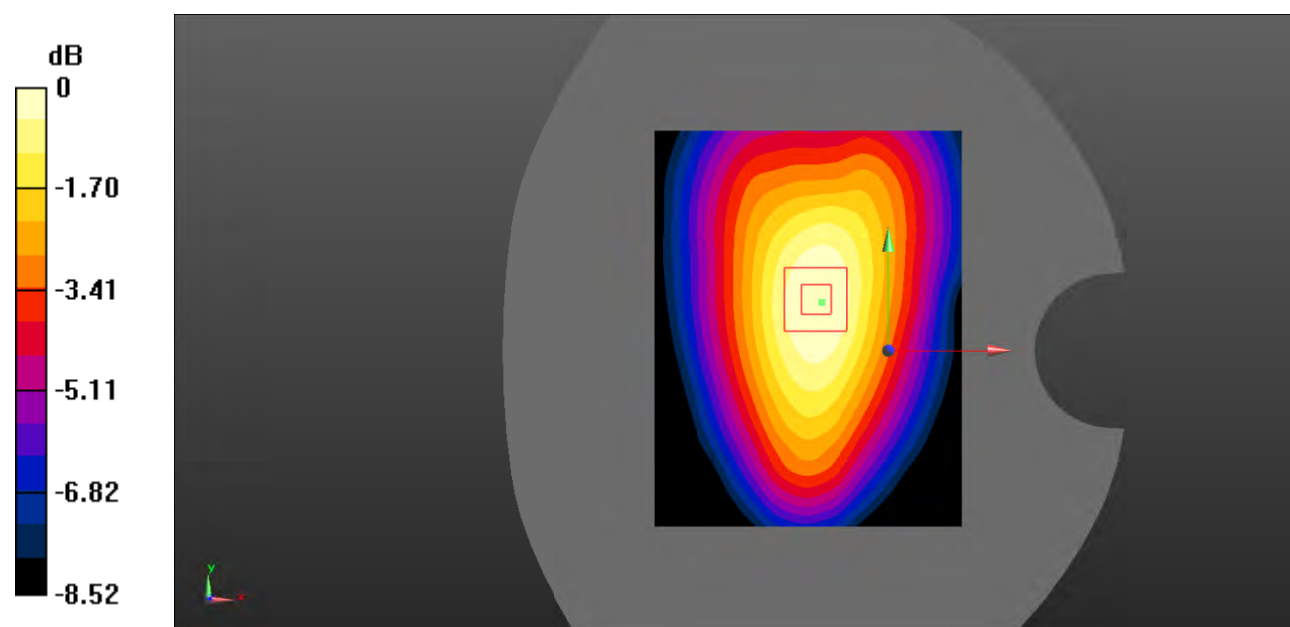
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.935 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.0928 W/kg



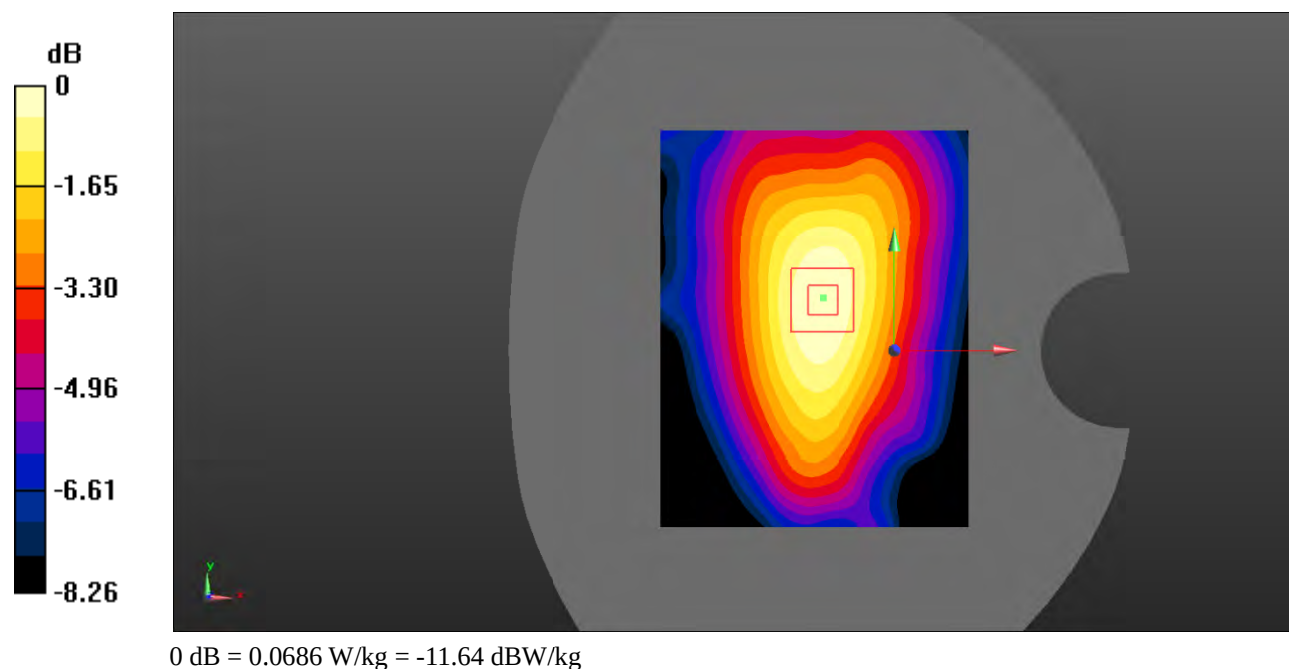
0 dB = 0.0928 W/kg = -10.32 dBW/kg

Test Plot 94#: LTE Band 17_Body Left_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.886 \text{ S/m}$; $\epsilon_r = 42.132$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.0691 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 8.407 V/m ; Power Drift = 0.17 dB Peak SAR (extrapolated) = 0.0910 W/kg **SAR(1 g) = 0.066 W/kg ; SAR(10 g) = 0.046 W/kg** Maximum value of SAR (measured) = 0.0686 W/kg 

Test Plot 95#: LTE Band 17_Body Right_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.160 W/kg

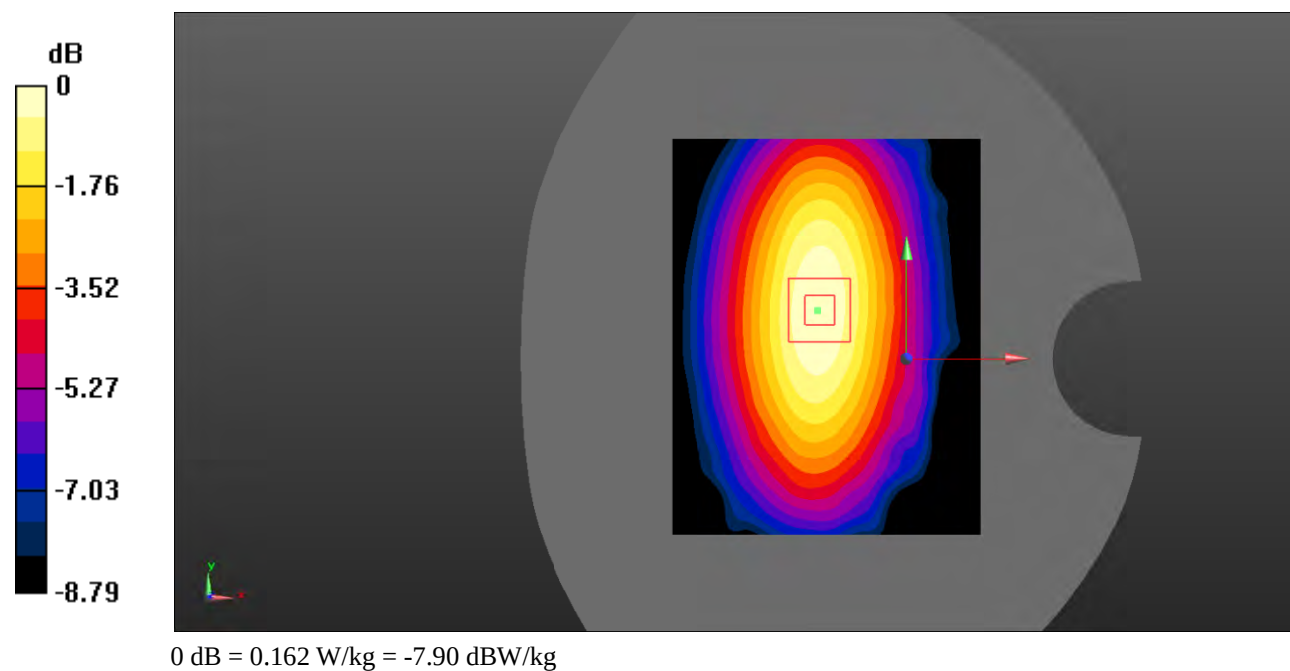
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.88 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.108 W/kg

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



Test Plot 96#: LTE Band 17_Body Right_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

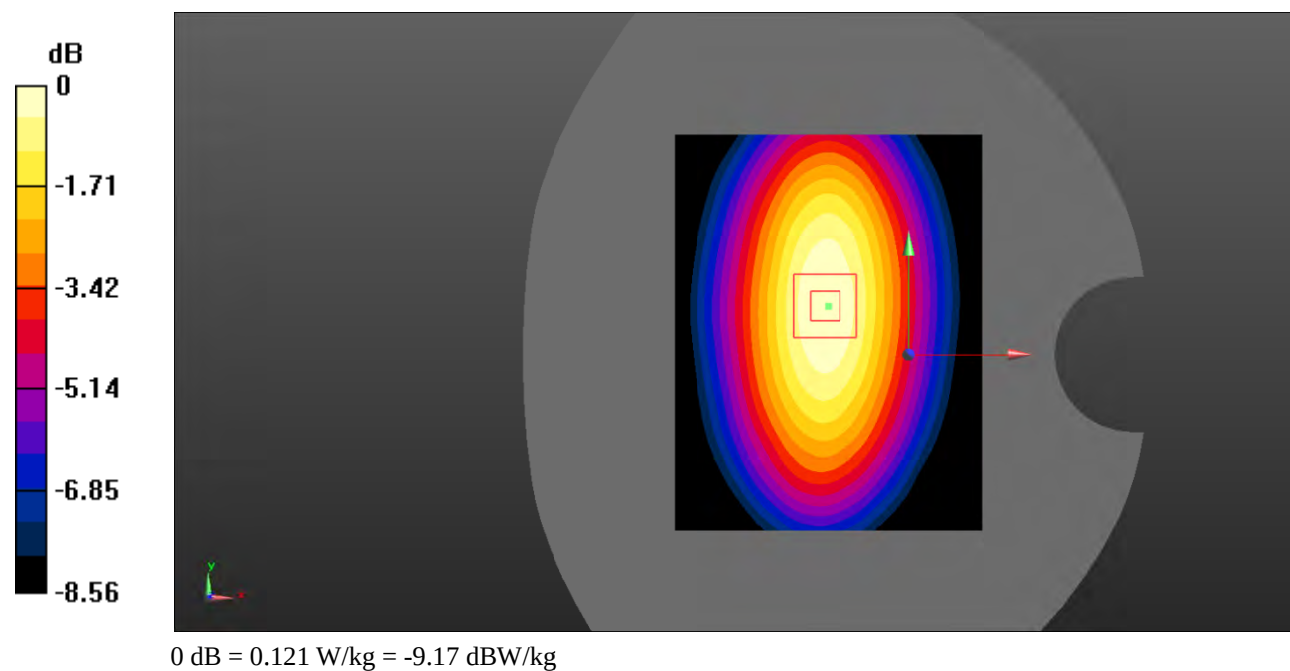
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.40 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.159 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.081 W/kg

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



Test Plot 97#: LTE Band 17_Body Bottom_1RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0227 W/kg

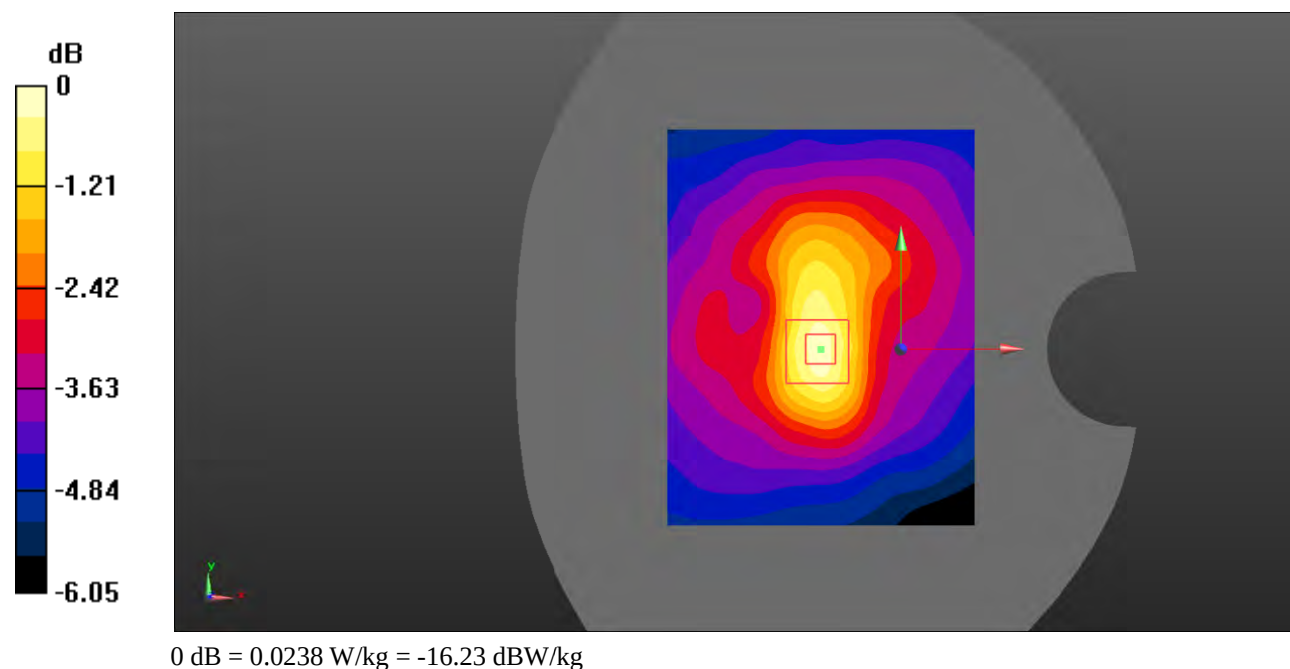
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.377 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.0370 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0238 W/kg



Test Plot 98#: LTE Band 17_Body Bottom_50%RB_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: Generic FDD-LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.87, 9.87, 9.87) @710 MHz
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0184 W/kg

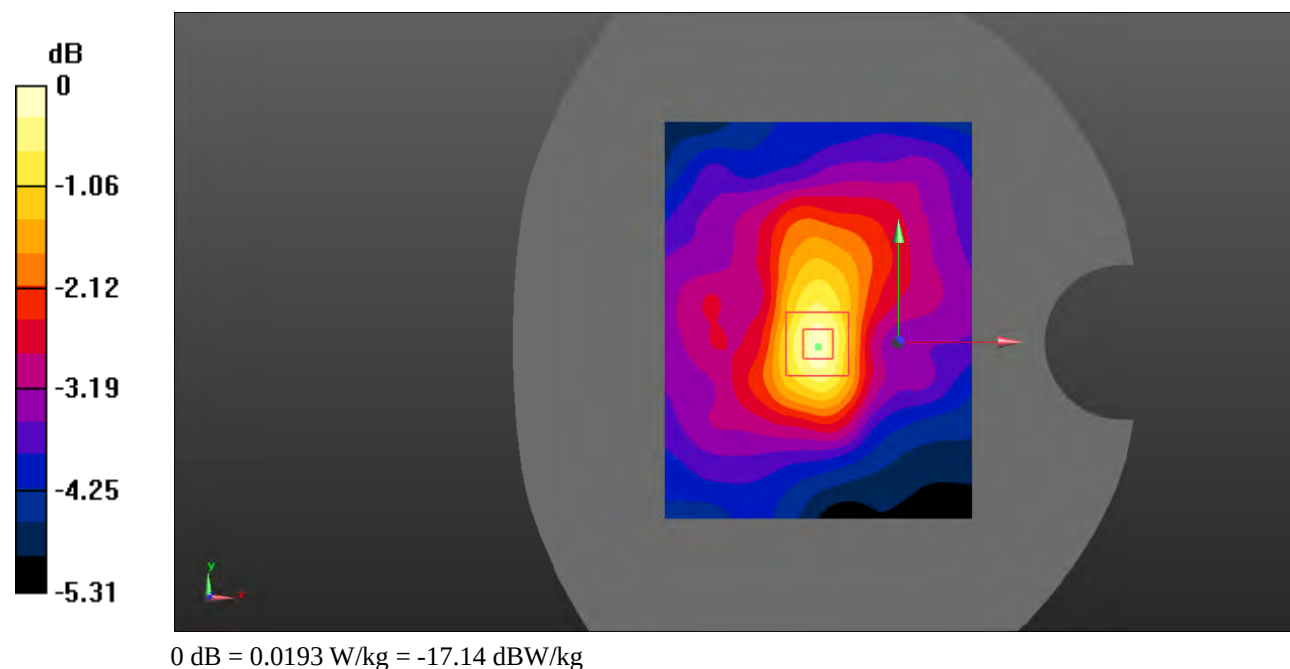
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.465 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.0310 W/kg

SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0193 W/kg



Test Plot 99#: CDMA 850(1XRTT)_Head Left Cheek_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 41.682$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @ 836.52 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

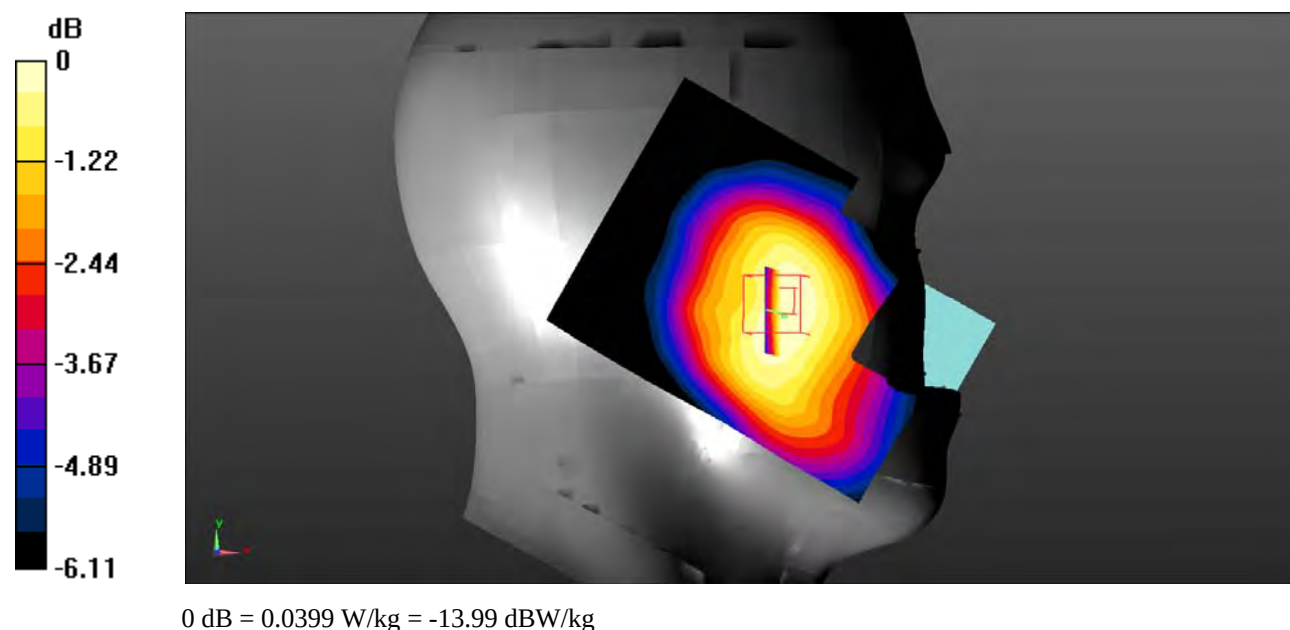
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.528 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.0460 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0399 W/kg



Test Plot 100#: CDMA 850(1XRTT)_Head Left Tilt_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 41.682$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @ 836.52 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0130 W/kg

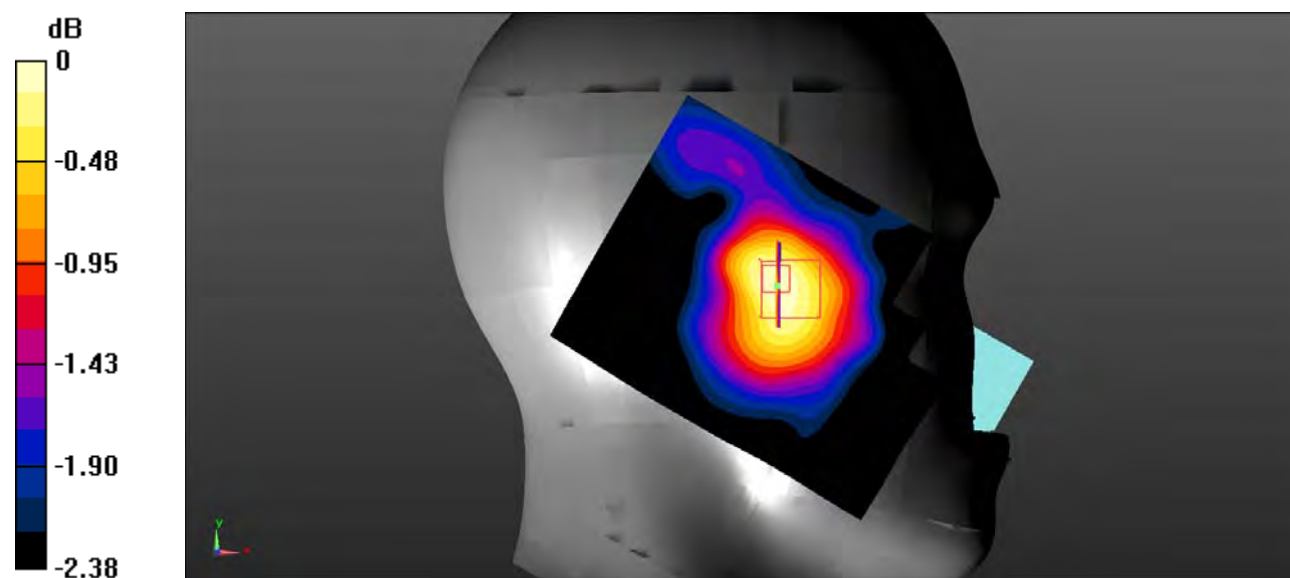
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.869 V/m; Power Drift = 0.097 dB

Peak SAR (extrapolated) = 0.0150 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0130 W/kg



0 dB = 0.0130 W/kg = -18.86 dBW/kg

Test Plot 101#: CDMA 850(1XRTT)_Head Right Cheek_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 41.682$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @ 836.52 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.119 W/kg

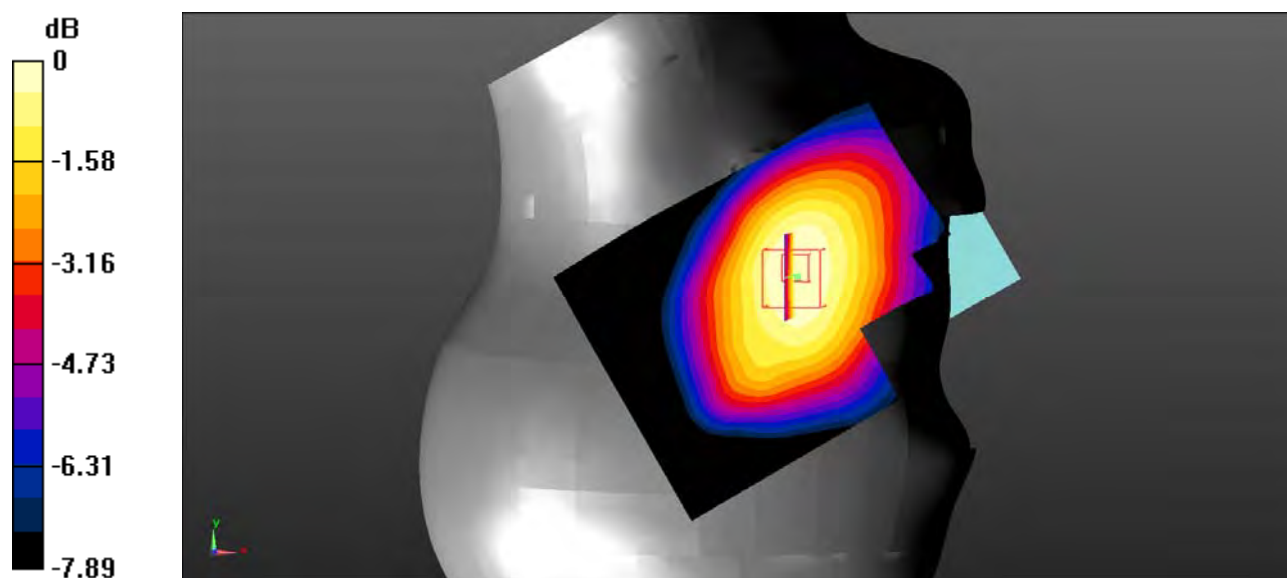
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.344 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.119 W/kg = -9.24 dBW/kg

Test Plot 102#: CDMA 850(1XRTT)_Head Right Tilt_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 41.682$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @ 836.52 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0583 W/kg

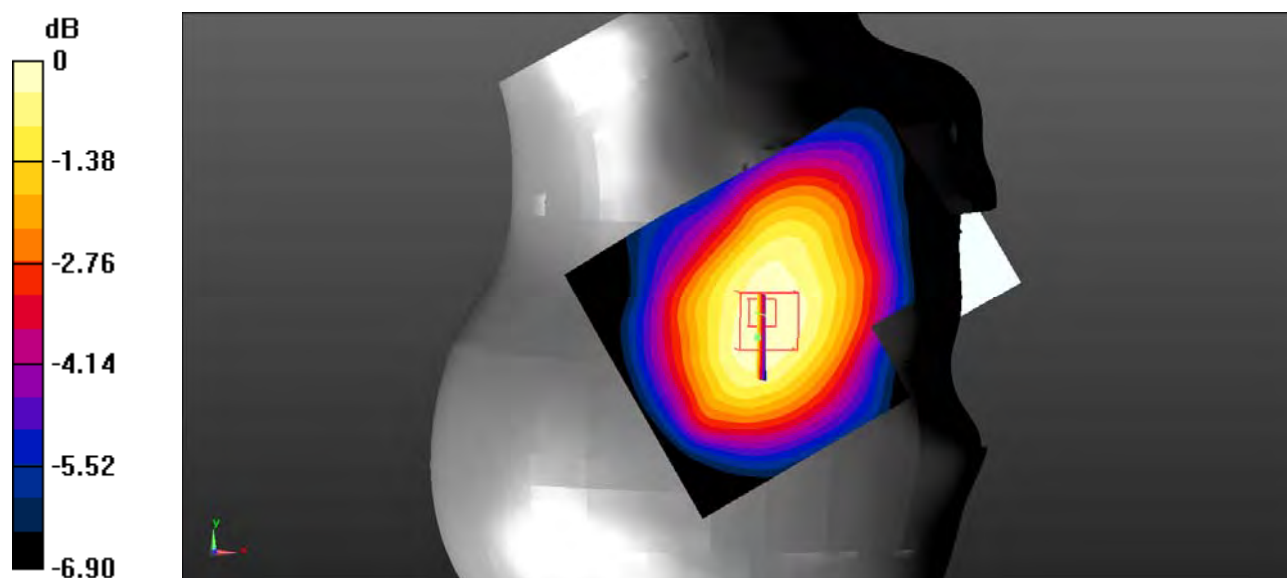
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.000 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 0.0670 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.0579 W/kg



0 dB = 0.0579 W/kg = -12.37 dBW/kg

Test Plot 103#: CDMA 850(EVDO)_Body Worn Back _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 41.682$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @ 836.52 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.131 W/kg

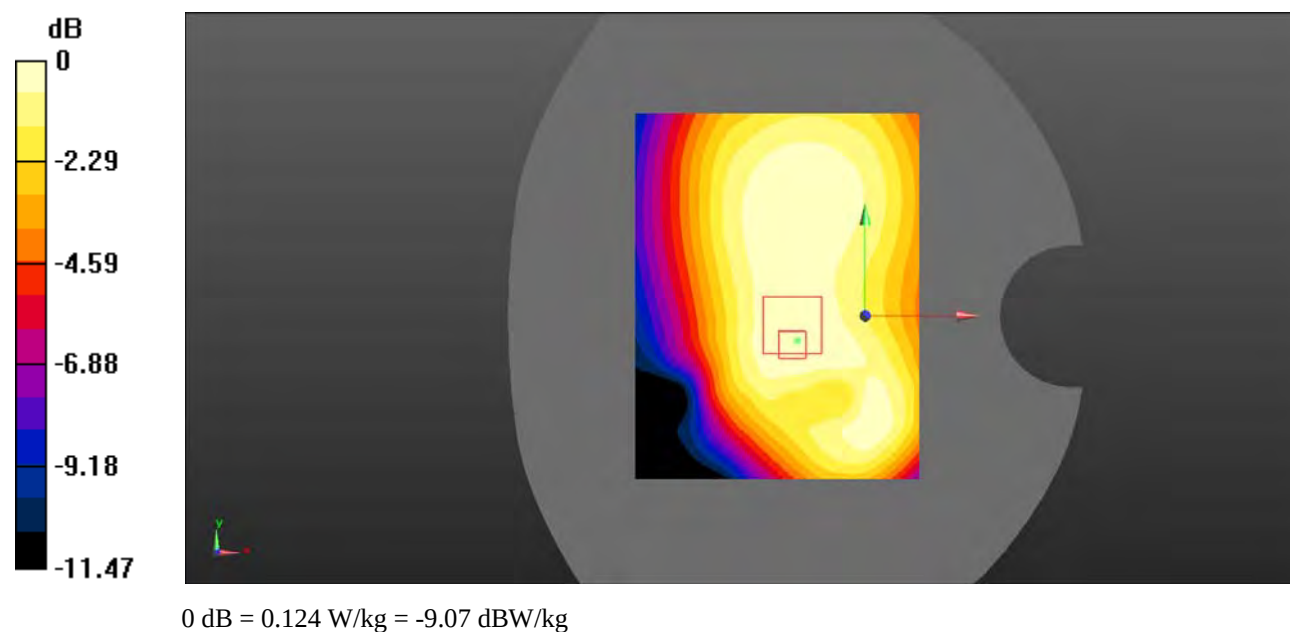
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.72 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.085 W/kg

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



Test Plot 104#: CDMA 850(EVDO)_Body Back_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 41.682$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @ 836.52 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (81x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.273 W/kg

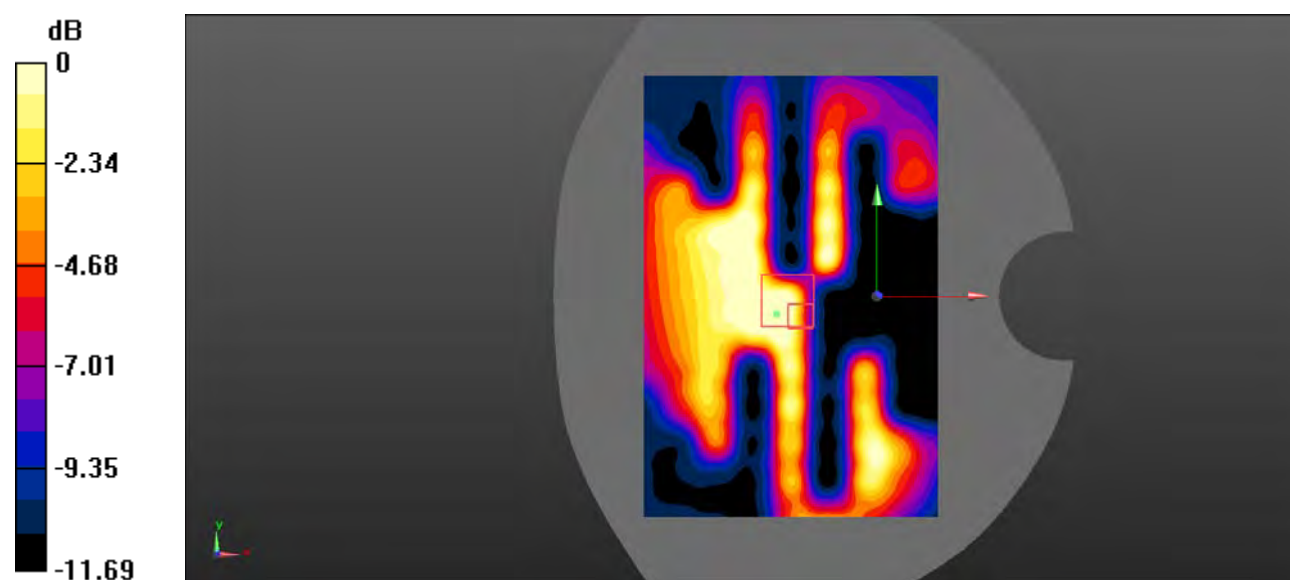
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.25 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.128 W/kg



0 dB = 0.128 W/kg = -8.93 dBW/kg

Test Plot 105#: CDMA 850(EVDO)_Body Left _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 41.682$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @ 836.52 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0485 W/kg

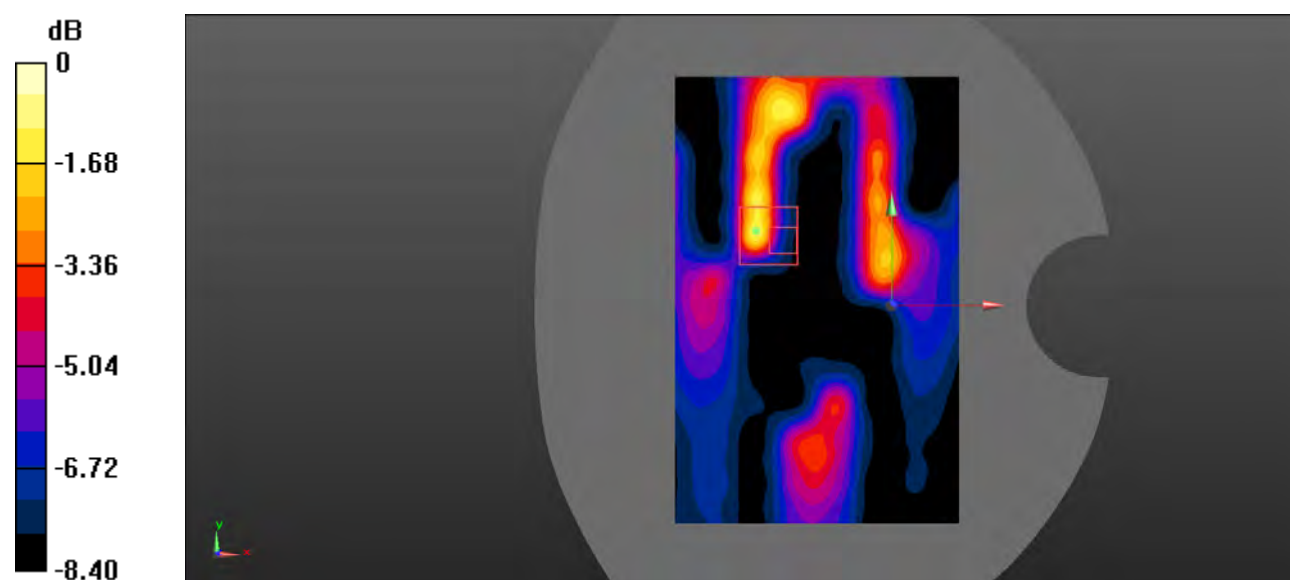
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.774 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 0.142 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0621 W/kg



0 dB = 0.0621 W/kg = -12.07 dBW/kg

Test Plot 106#: CDMA 850(EVDO)_Body Right_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 41.682$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @ 836.52 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.307 W/kg

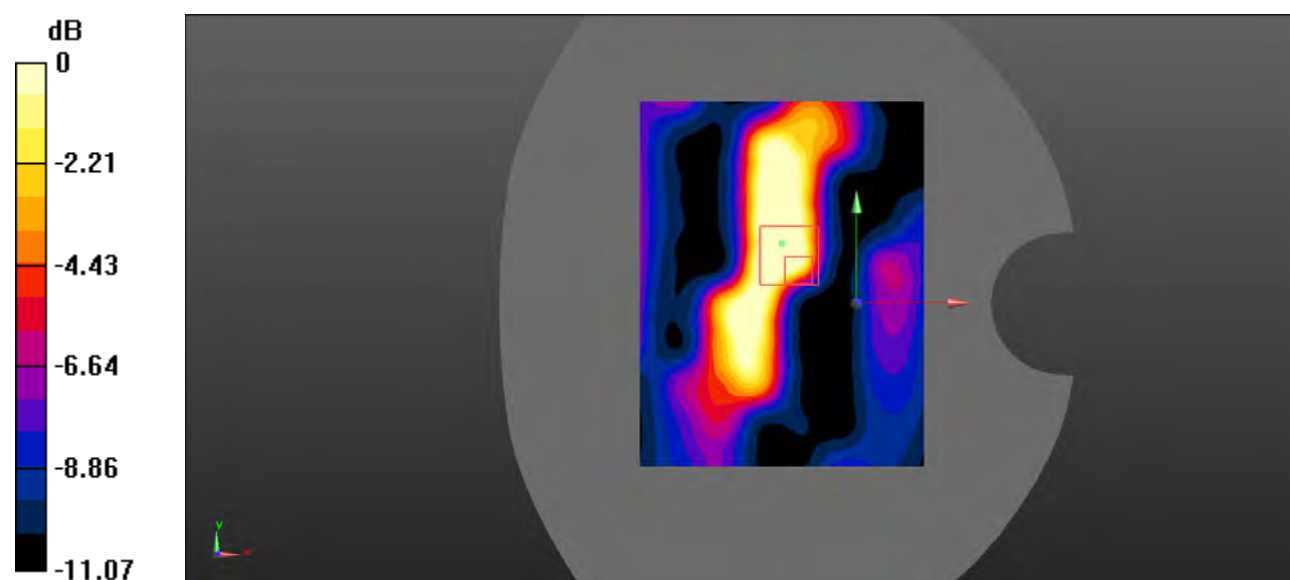
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.905 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.027 W/kg

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



0 dB = 0.105 W/kg = -9.79 dBW/kg

Test Plot 107#: CDMA 850(EVDO)_Body Bottom_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 41.682$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.71, 9.71, 9.71) @ 836.52 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (91x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00643 W/kg

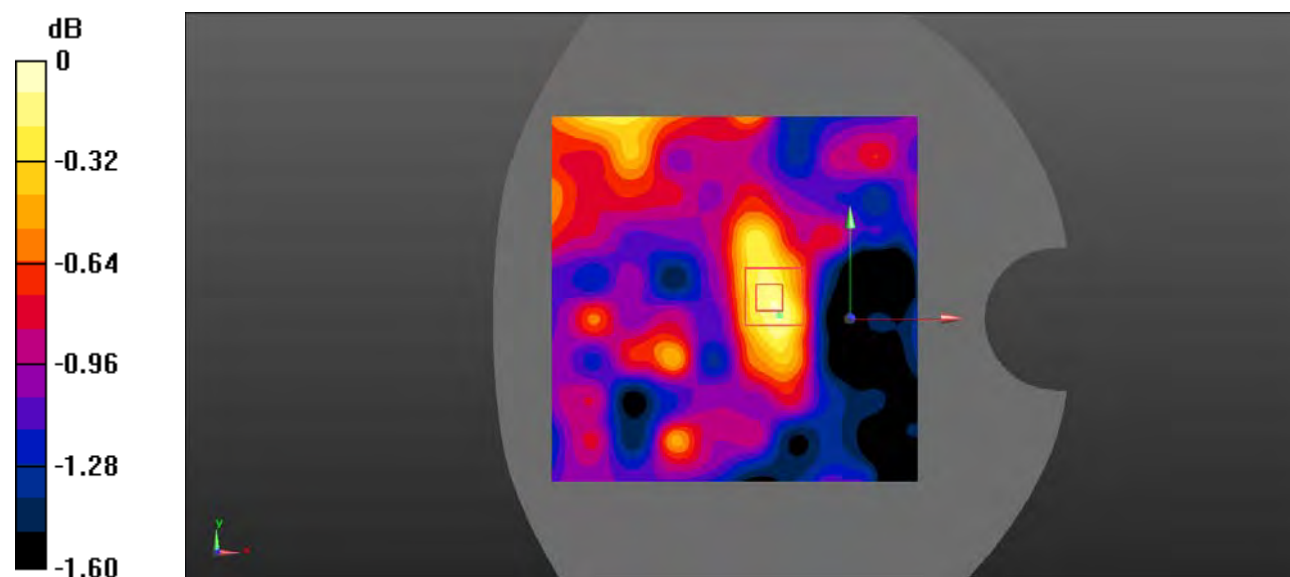
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.607 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.00996 W/kg

SAR(1 g) = 0.00644 W/kg; SAR(10 g) = 0.00583 W/kg

Maximum value of SAR (measured) = 0.00656 W/kg



0 dB = 0.00656 W/kg = -21.83 dBW/kg

Test Plot 108#: WLAN 5.2G 802.11n HT20 _Head Left Cheek_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.679$ S/m; $\epsilon_r = 36.574$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(5.51, 5.51, 5.51) @ 5200 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (101x111x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.842 W/kg

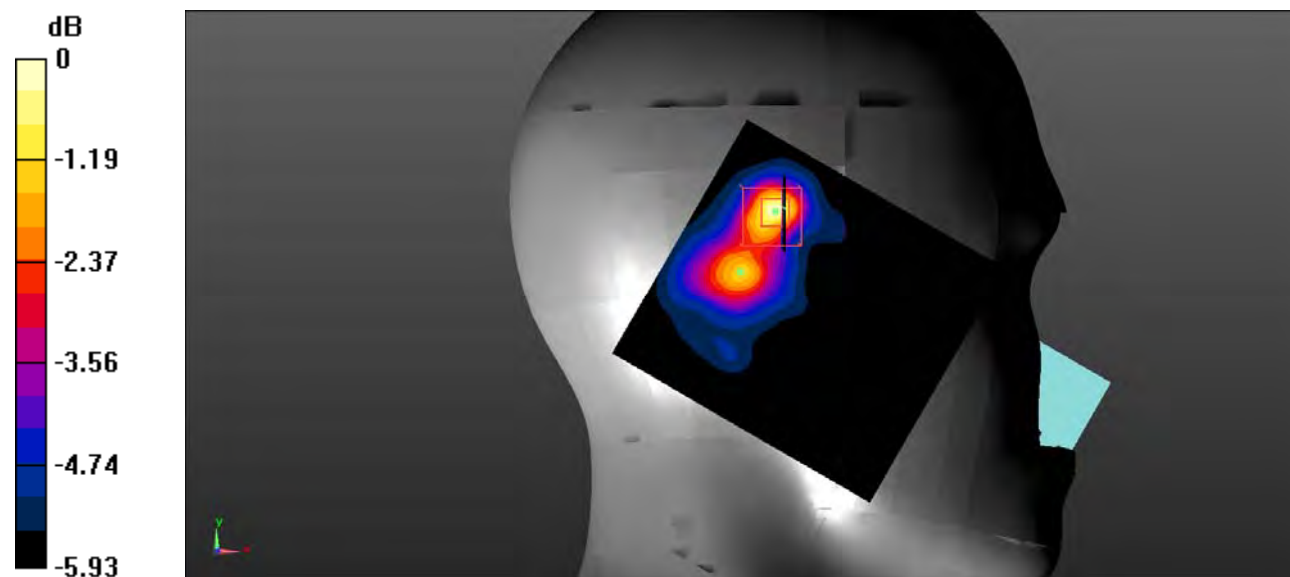
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 9.900 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.320 W/kg

Maximum value of SAR (measured) = 0.849 W/kg



0 dB = 0.849 W/kg = -0.71 dBW/kg

Test Plot 109#: WLAN 5.2G 802.11n HT20 _Head Left Tilt_Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.679$ S/m; $\epsilon_r = 36.574$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(5.51, 5.51, 5.51) @ 5200 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

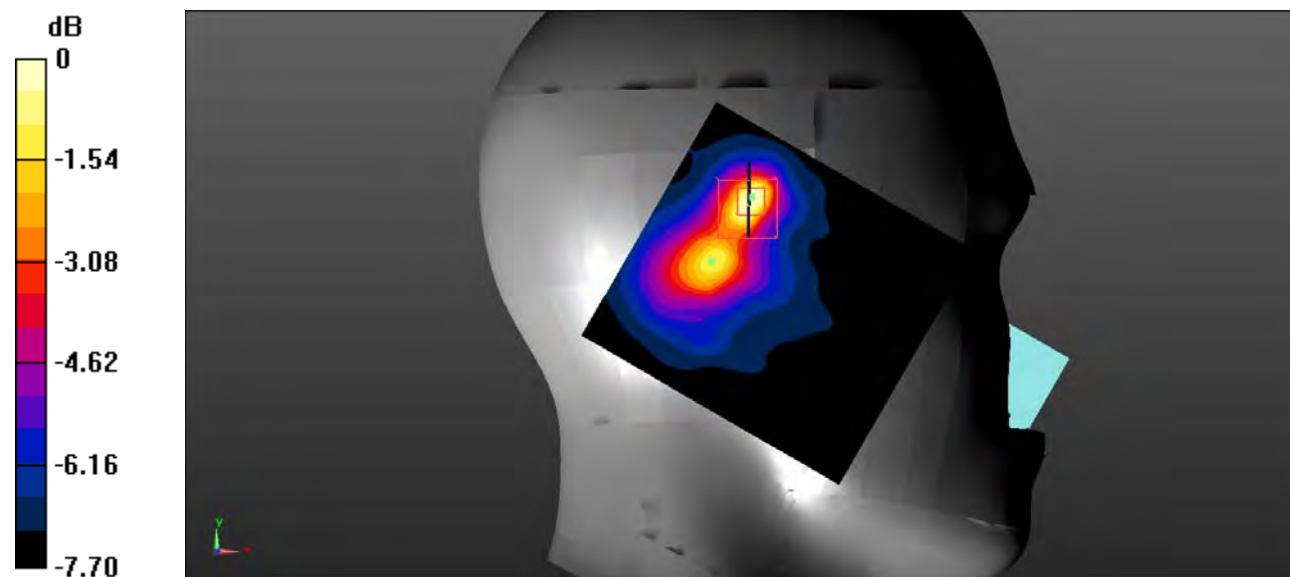
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.00 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.969 W/kg



0 dB = 0.969 W/kg = -0.14 dBW/kg

Test Plot 110#: WLAN 5.2G 802.11n HT20 _ Head Right Cheek _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.679$ S/m; $\epsilon_r = 36.574$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(5.51, 5.51, 5.51) @ 5200 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (101x111x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

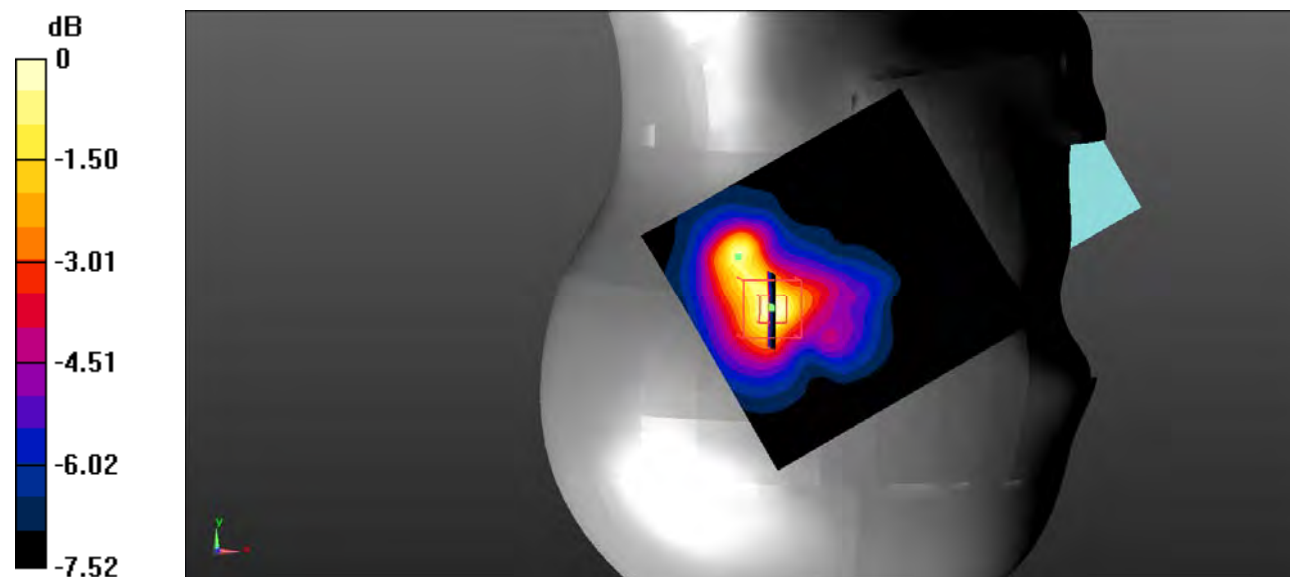
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 9.616 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 0.677 W/kg



0 dB = 0.677 W/kg = -1.69 dBW/kg

Test Plot 111#: WLAN 5.2G 802.11n HT20 _ Head Right Tilt _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.679$ S/m; $\epsilon_r = 36.574$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(5.51, 5.51, 5.51) @ 5200 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (101x111x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.760 W/kg

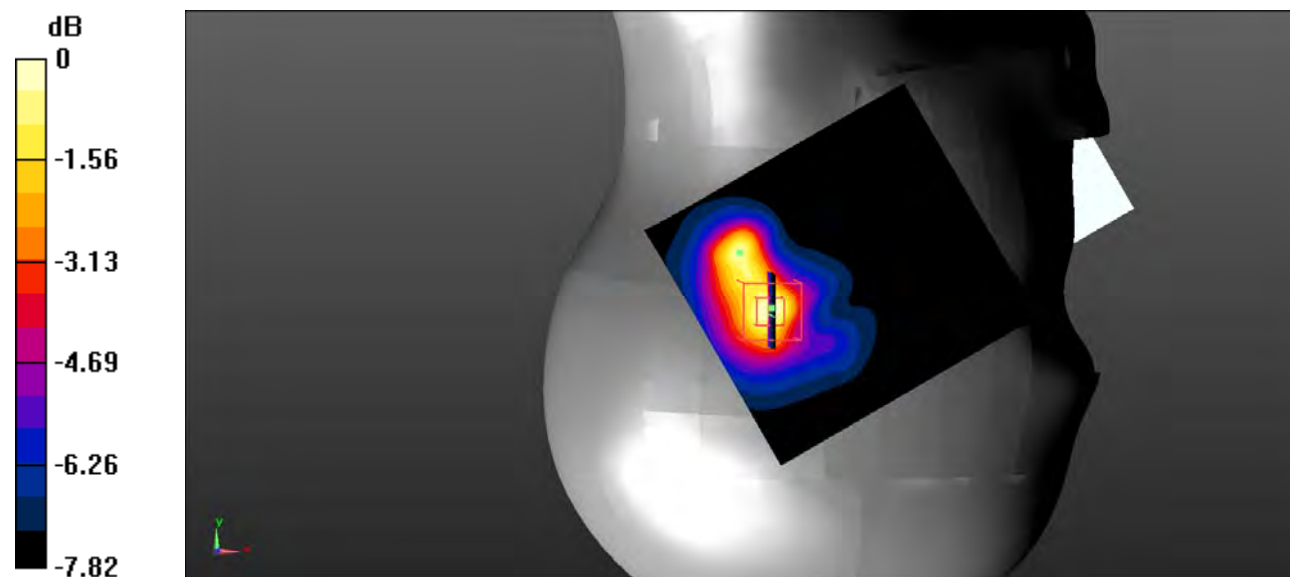
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 9.660 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.253 W/kg

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



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

Test Plot 112#: WLAN 5.2G 802.11n HT20 _ Body Back _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.679$ S/m; $\epsilon_r = 36.574$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(5.51, 5.51, 5.51) @ 5200 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.292 W/kg

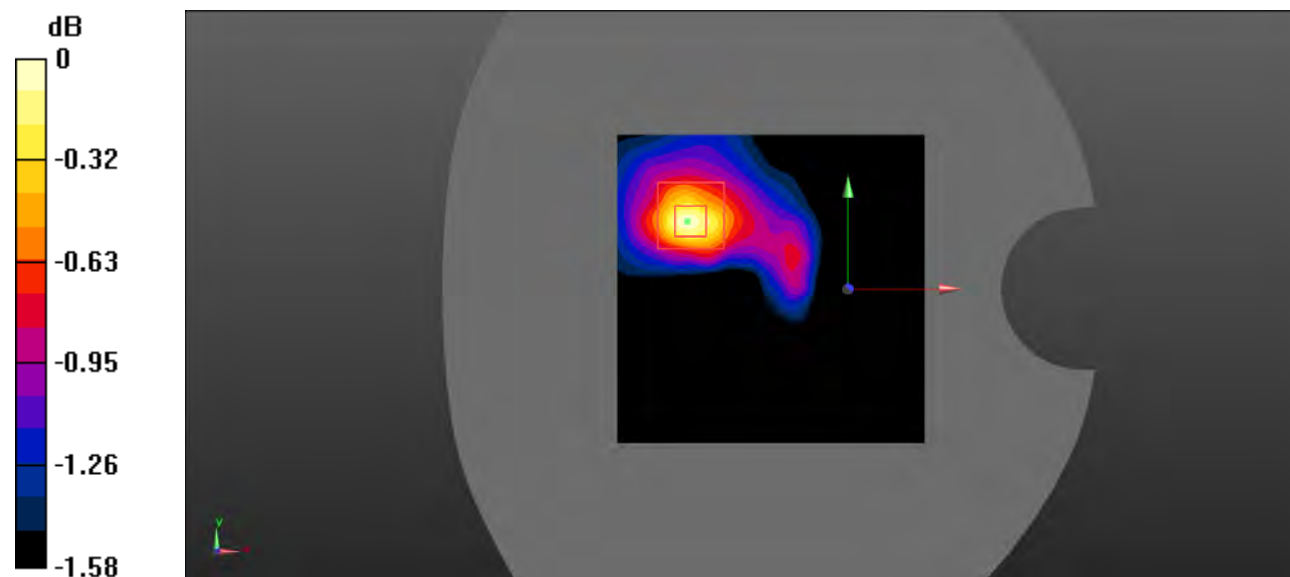
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.931 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.229 W/kg

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



0 dB = 0.295 W/kg = -5.30 dBW/kg

Test Plot 113#: WLAN 5.2G 802.11n HT20 _ Body Left _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.679$ S/m; $\epsilon_r = 36.574$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(5.51, 5.51, 5.51) @ 5200 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0957 W/kg

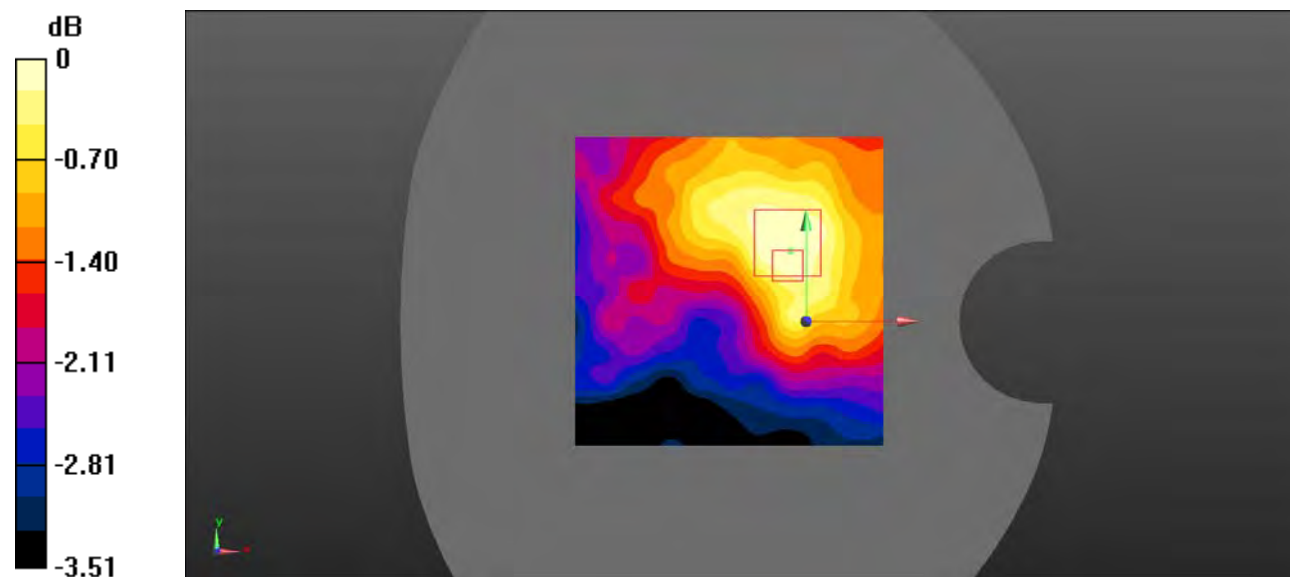
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.128 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.0955 W/kg



0 dB = 0.0955 W/kg = -10.20 dBW/kg

Test Plot 114#: WLAN 5.2G 802.11n HT20 _ Body Top _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.679$ S/m; $\epsilon_r = 36.574$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(5.51, 5.51, 5.51) @ 5200 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.250 W/kg

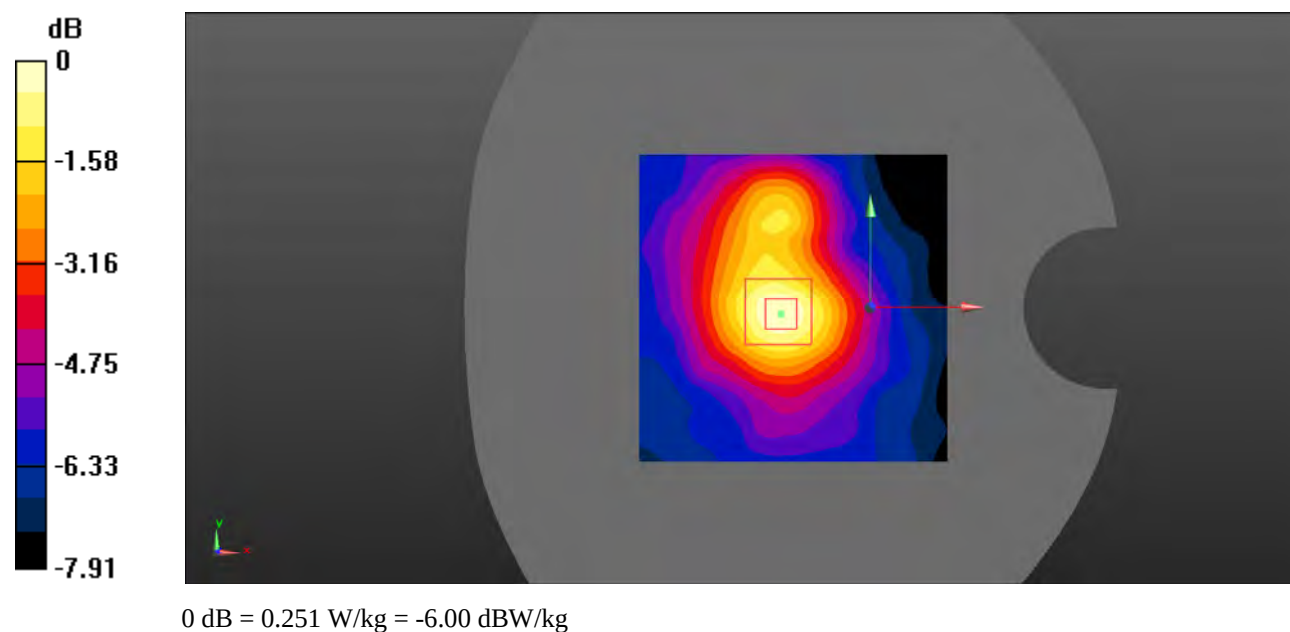
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.868 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.098 W/kg

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



Test Plot 115#: WLAN 5.8G 802.11n HT20 _ Head Left Cheek _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.056$ S/m; $\epsilon_r = 35.755$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(5.00, 5.00, 5.00) @ 5785 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.605 W/kg

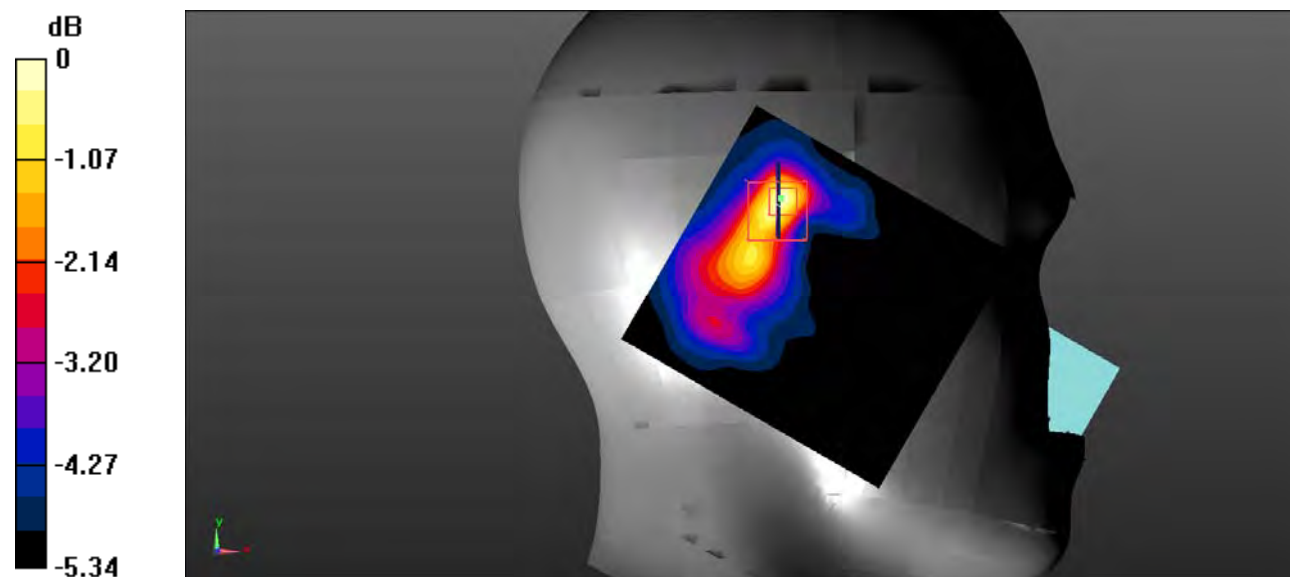
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.377 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.611 W/kg



0 dB = 0.611 W/kg = -2.14 dBW/kg

Test Plot 116#: WLAN 5.8G 802.11n HT20 _ Head Left Tilt _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.056$ S/m; $\epsilon_r = 35.755$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(5.00, 5.00, 5.00) @ 5785 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.753 W/kg

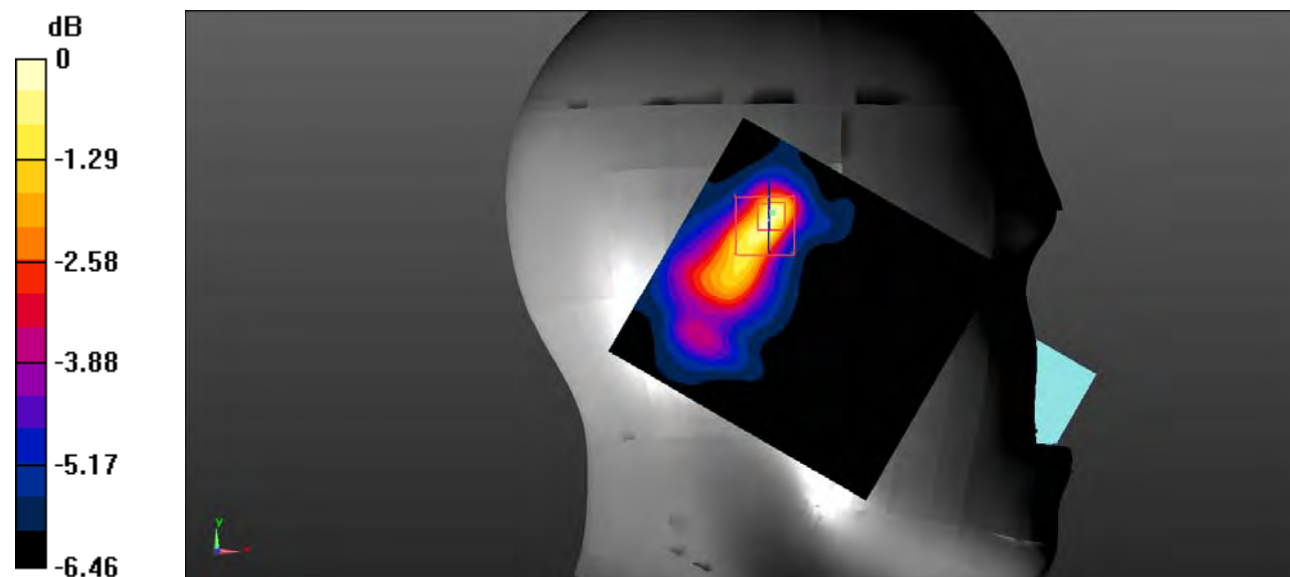
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.478 V/m; Power Drift = 0.090 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 0.779 W/kg



Test Plot 117#: WLAN 5.8G 802.11n HT20 _ Head Right Cheek _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.056$ S/m; $\epsilon_r = 35.755$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(5.00, 5.00, 5.00) @ 5785 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.449 W/kg

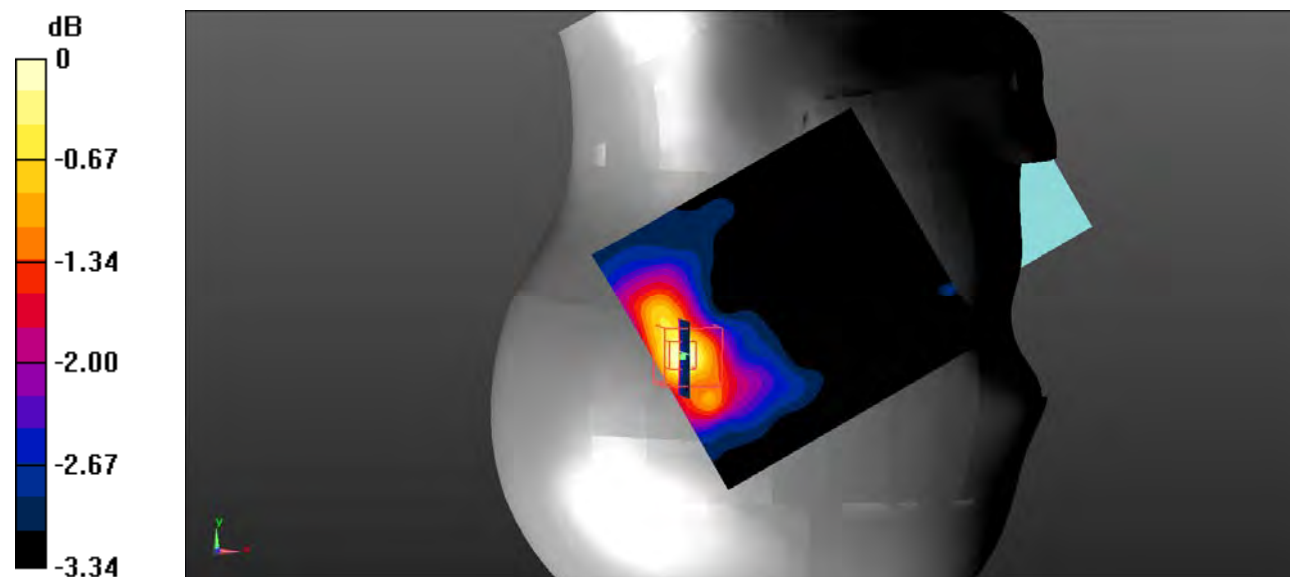
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.777 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.665 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (measured) = 0.436 W/kg



0 dB = 0.436 W/kg = -3.61 dBW/kg

Test Plot 118#: WLAN 5.8G 802.11n HT20 _ Head Right Tilt _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.056$ S/m; $\epsilon_r = 35.755$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(5.00, 5.00, 5.00) @ 5785 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.619 W/kg

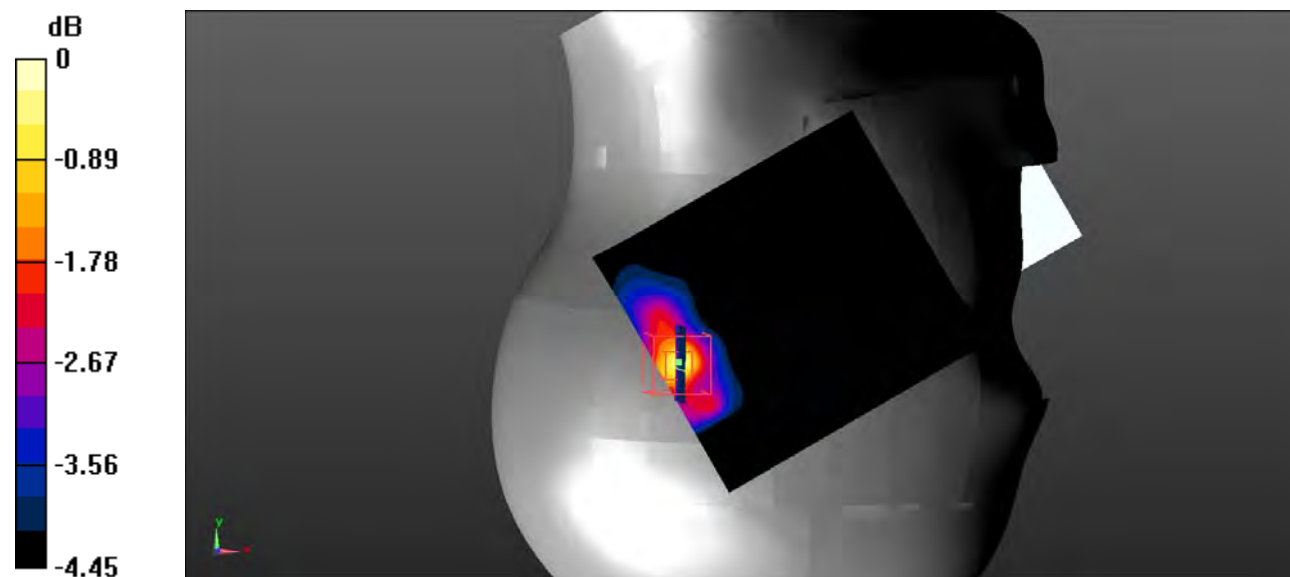
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.130 V/m; Power Drift = 0.186 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (measured) = 0.672 W/kg



0 dB = 0.672 W/kg = -1.73 dBW/kg

Test Plot 119#: WLAN 5.8G 802.11n HT20 _ Body Back _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.056$ S/m; $\epsilon_r = 35.755$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(5.00, 5.00, 5.00) @ 5785 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.376 W/kg

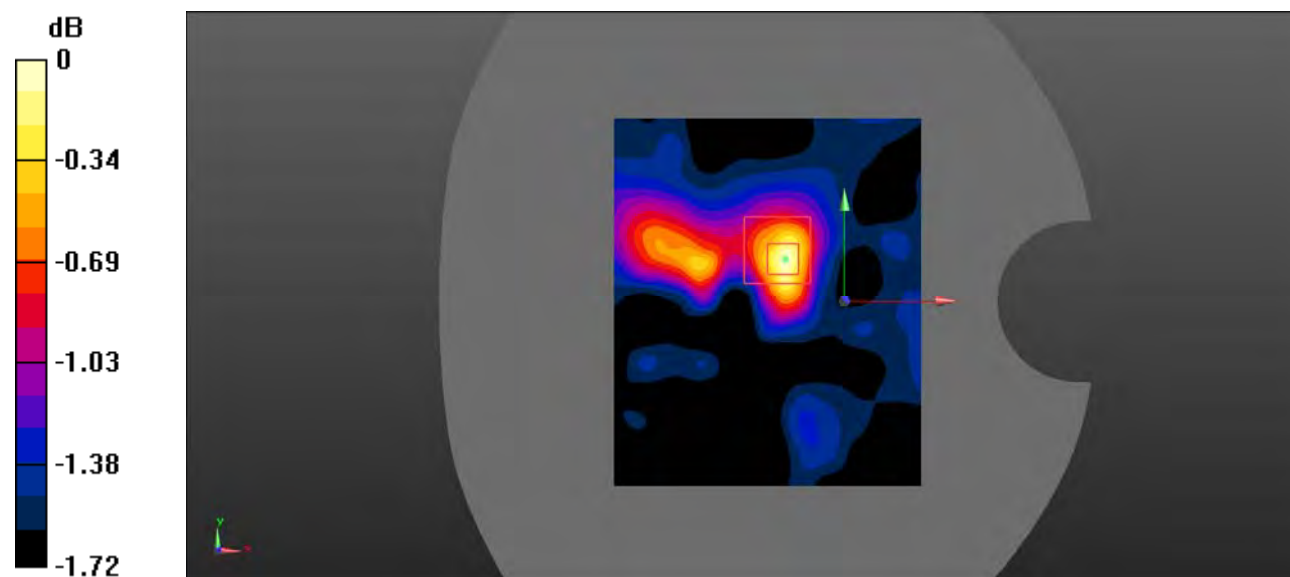
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.747 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.297 W/kg

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



0 dB = 0.379 W/kg = -4.21 dBW/kg

Test Plot 120#: WLAN 5.8G 802.11n HT20 _ Body Left _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.056$ S/m; $\epsilon_r = 35.755$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(5.00, 5.00, 5.00) @ 5785 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.122 W/kg

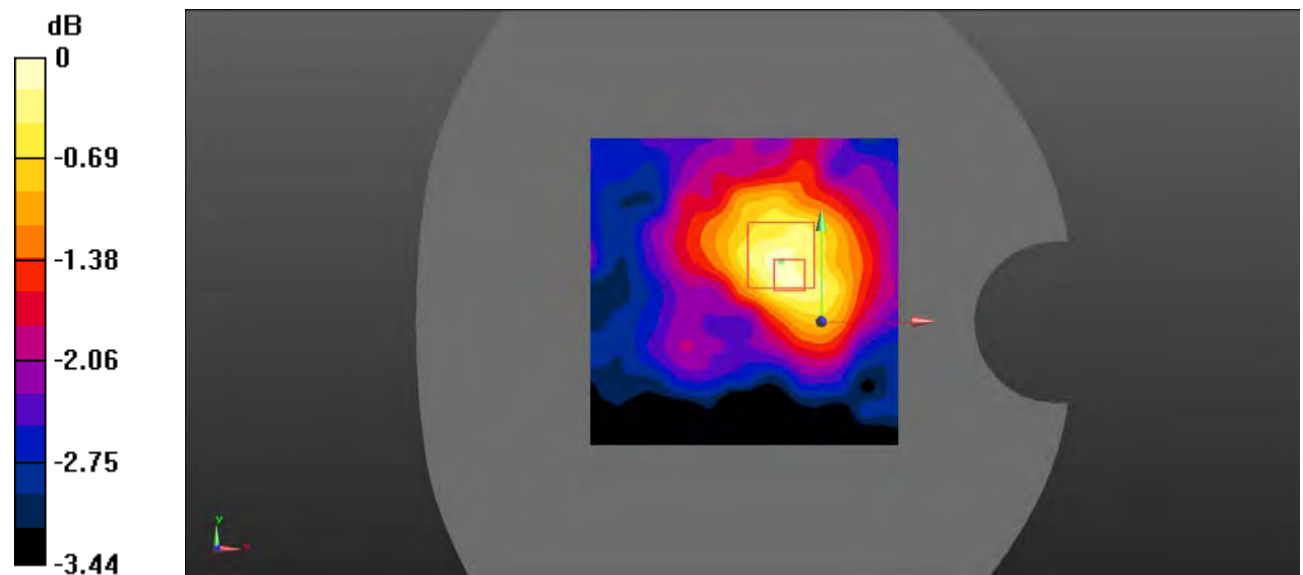
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.730 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.081 W/kg

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



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

Test Plot 121#: WLAN 5.8G 802.11n HT20 _ Body Top _Middle**DUT: LTE mobile phone; Type: Discovery-X1; Serial: RGMA191128001-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.056$ S/m; $\epsilon_r = 35.755$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(5.00, 5.00, 5.00) @ 5785 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 13/09/2019
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.811 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 0.447 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.197 W/kg

