

**Test Plot 1#: GSM 850\_Head Left Cheek\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

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

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 40.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.57, 6.57, 6.57); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.714 W/kg

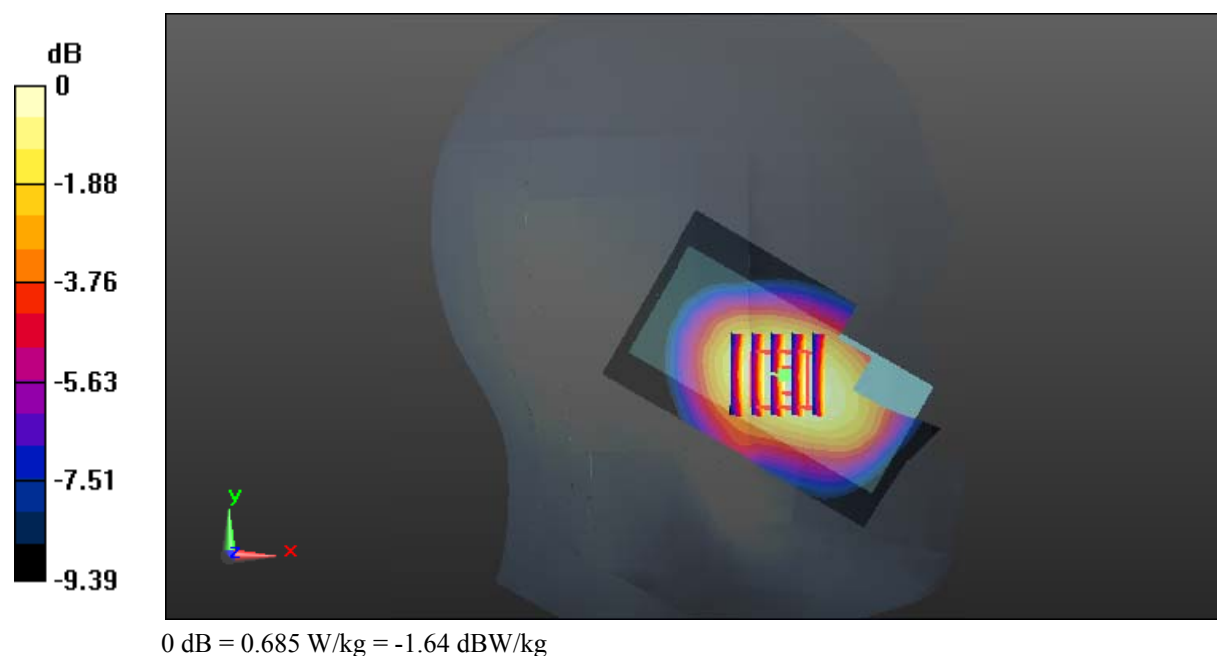
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.008 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.851 W/kg

**SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.463 W/kg**

Maximum value of SAR (measured) = 0.685 W/kg



**Test Plot 2#: GSM 850\_Head Left Tilt\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

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

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 40.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.57, 6.57, 6.57); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.255 W/kg

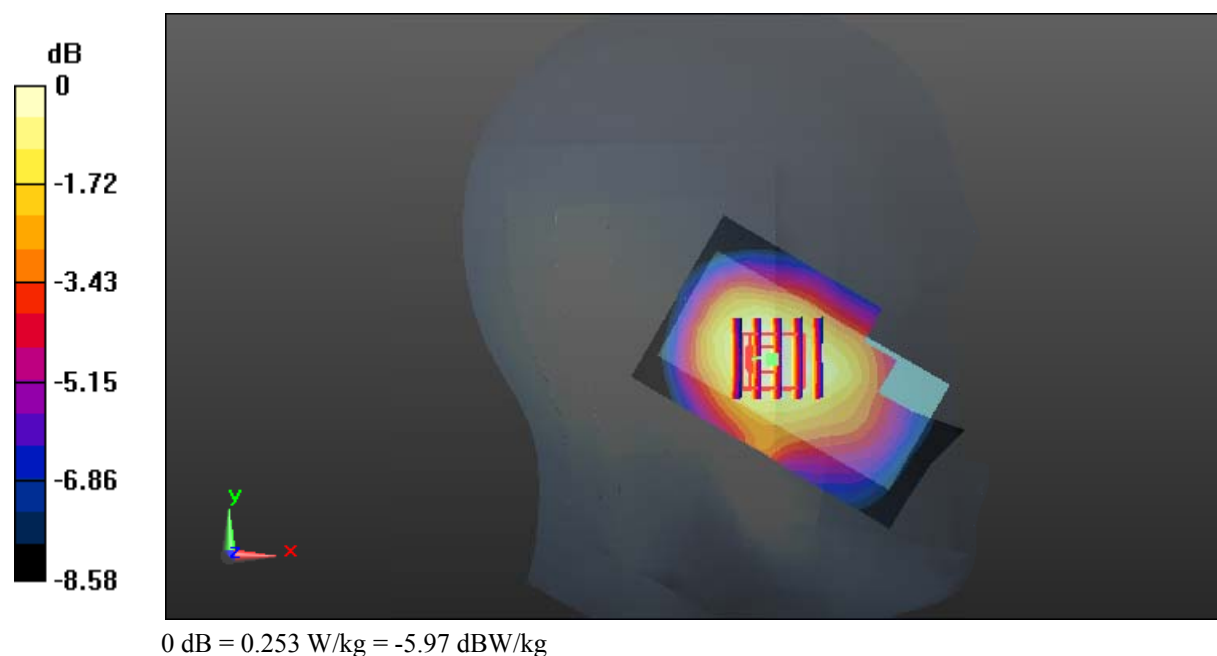
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.408 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.325 W/kg

**SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.173 W/kg**

Maximum value of SAR (measured) = 0.253 W/kg



**Test Plot 3#: GSM 850\_Head Right Cheek\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

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

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 40.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.57, 6.57, 6.57); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

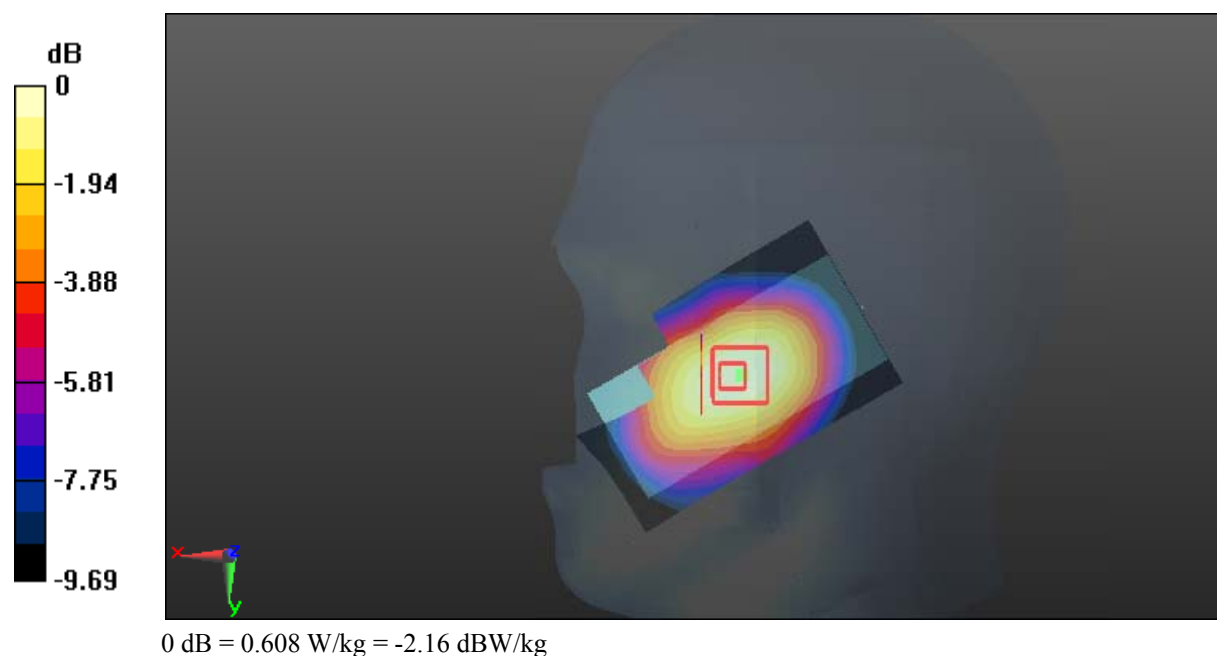
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.199 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.751 W/kg

**SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.418 W/kg**

Maximum value of SAR (measured) = 0.608 W/kg



**Test Plot 4#: GSM 850\_Head Right Tilt\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

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

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 40.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.57, 6.57, 6.57); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

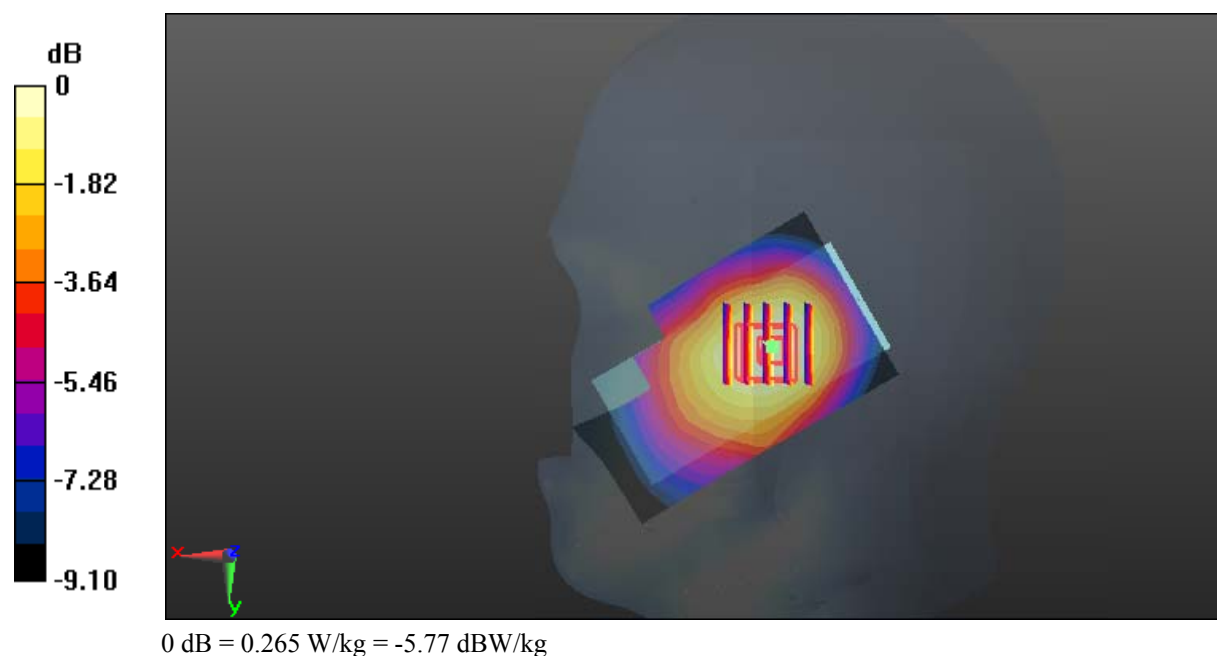
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.71 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.327 W/kg

**SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.179 W/kg**

Maximum value of SAR (measured) = 0.265 W/kg



**Test Plot 5#: GSM 850\_Body Worn Back\_Low****DUT: Mobile phone; Type: S319; Serial: 17122801821**

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

Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.961$  S/m;  $\epsilon_r = 56.494$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.42, 6.42, 6.42); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.972 W/kg

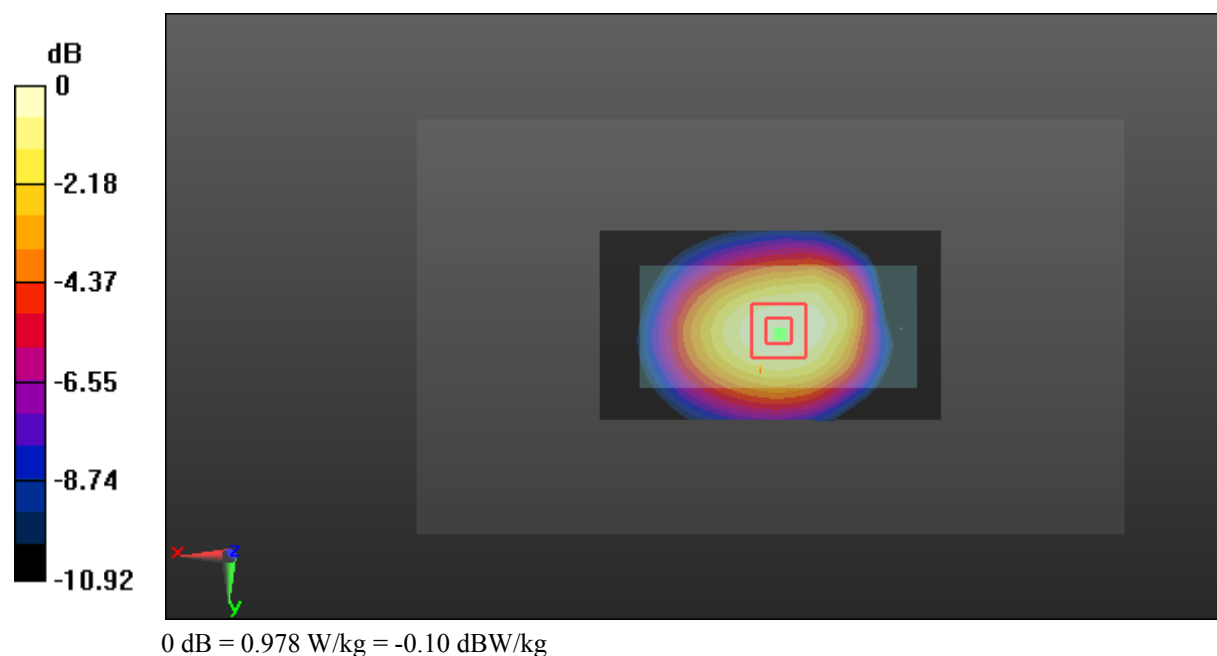
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.29 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.632 W/kg**

Maximum value of SAR (measured) = 0.978 W/kg



**Test Plot 6#: GSM 850\_Body Worn Back\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

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

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.975$  S/m;  $\epsilon_r = 56.91$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.42, 6.42, 6.42); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.990 W/kg

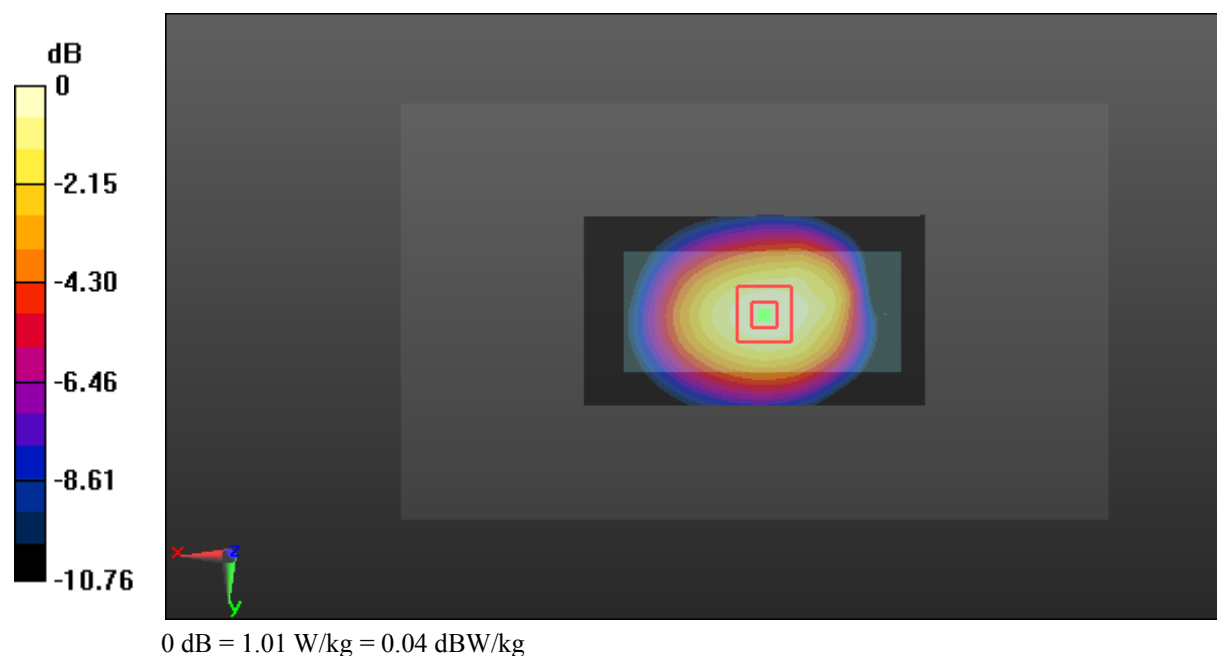
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.91 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.644 W/kg**

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



**Test Plot 7#: GSM 850\_Body Worn Back\_High****DUT: Mobile phone; Type: S319; Serial: 17122801821**

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

Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.973$  S/m;  $\epsilon_r = 56.831$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.42, 6.42, 6.42); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

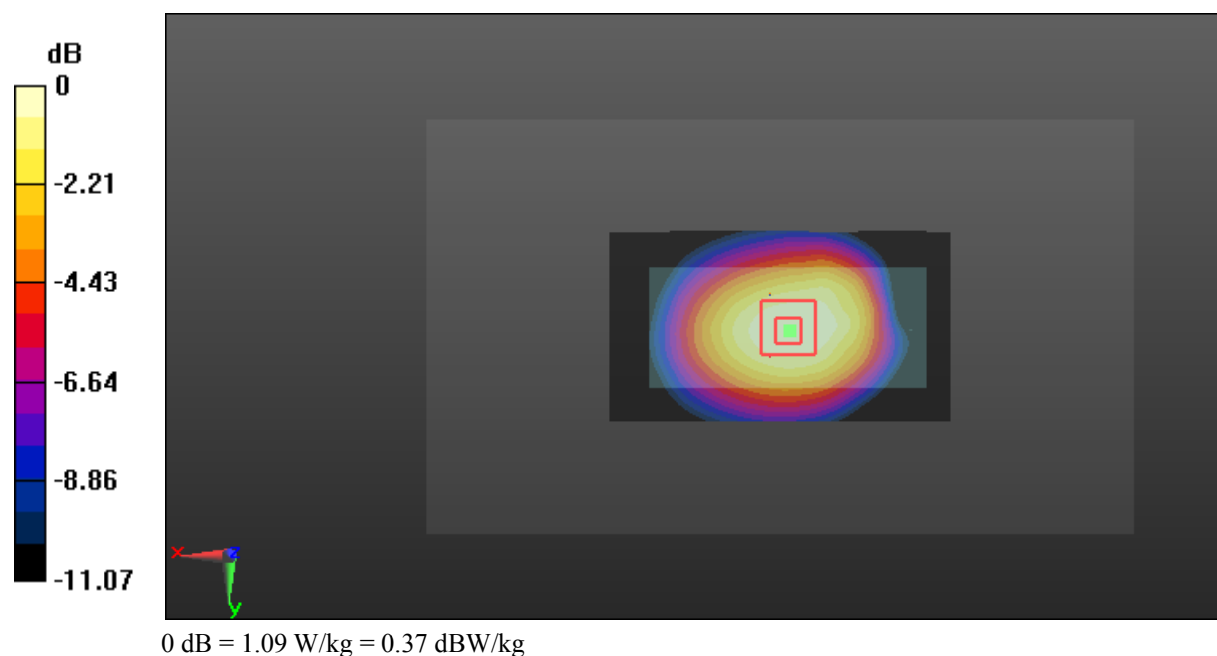
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.06 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.700 W/kg**

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



**Test Plot 8#: GSM 850\_Body Back\_Low****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic GPRS-3 slots; Frequency: 824.2 MHz; Duty Cycle: 1:2.66  
Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.961$  S/m;  $\epsilon_r = 56.494$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.42, 6.42, 6.42); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

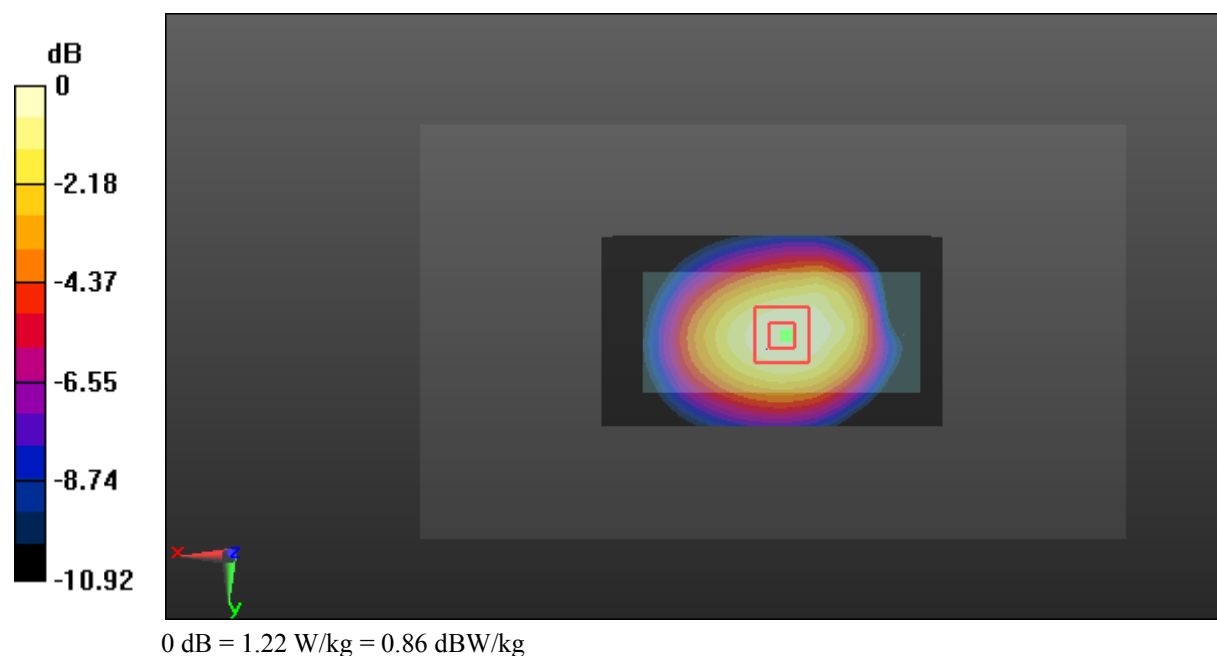
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.47 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.793 W/kg**

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





**Test Plot 9#: GSM 850\_Body Back\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic GPRS-3 slots; Frequency: 836.6 MHz; Duty Cycle: 1:2.66  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.975$  S/m;  $\epsilon_r = 56.91$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.42, 6.42, 6.42); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

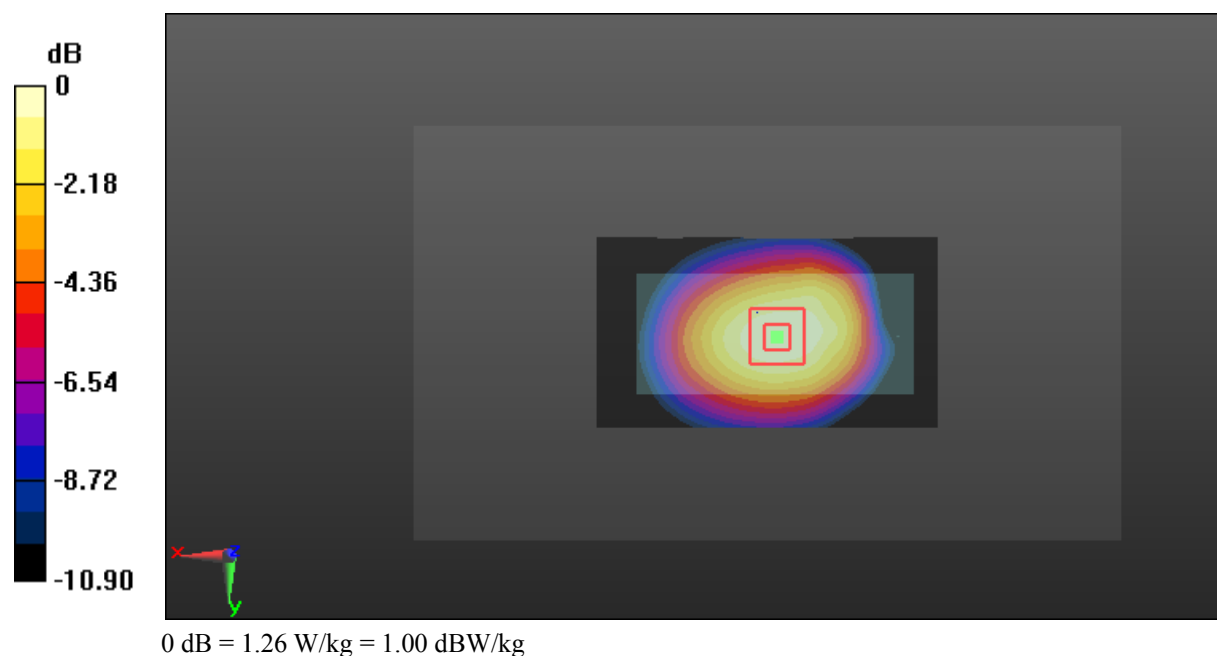
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.16 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.806 W/kg**

Maximum value of SAR (measured) = 1.26 W/kg



**Test Plot 10#: GSM 850\_Body Back\_High****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic GPRS-3 slots; Frequency: 848.8 MHz; Duty Cycle: 1:2.66  
Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.973$  S/m;  $\epsilon_r = 56.831$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.42, 6.42, 6.42); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

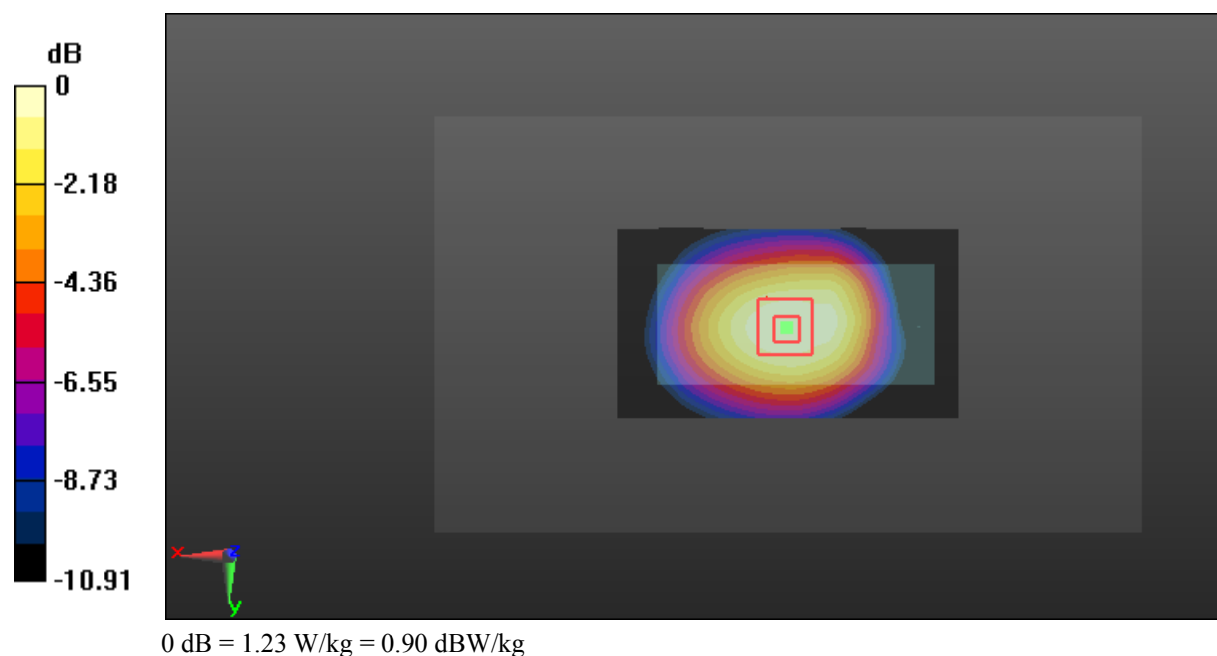
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.06 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.784 W/kg**

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



**Test Plot 11#: GSM 850\_Body Bottom\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic GPRS-3 slots; Frequency: 836.6 MHz; Duty Cycle: 1:2.66  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.975$  S/m;  $\epsilon_r = 56.91$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.42, 6.42, 6.42); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

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

Maximum value of SAR (interpolated) = 0.178 W/kg

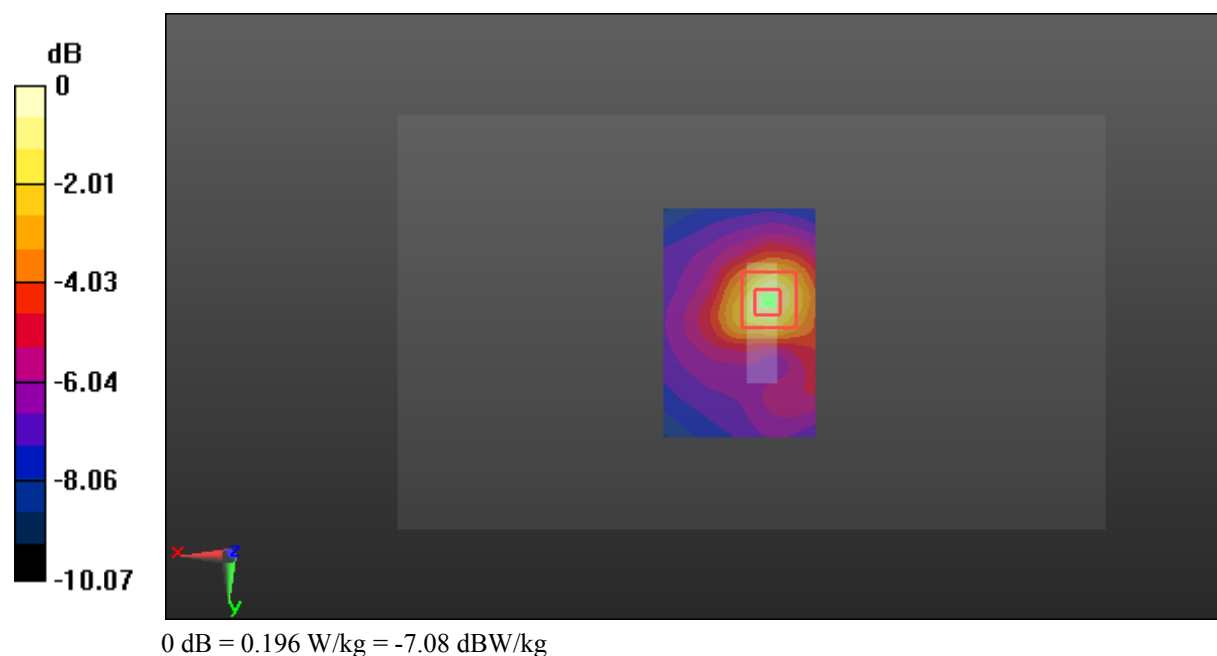
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.14 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.334 W/kg

**SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.092 W/kg**

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



**Test Plot 12#: GSM 1900\_Head Left Cheek\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.421$  S/m;  $\epsilon_r = 38.944$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.207 W/kg

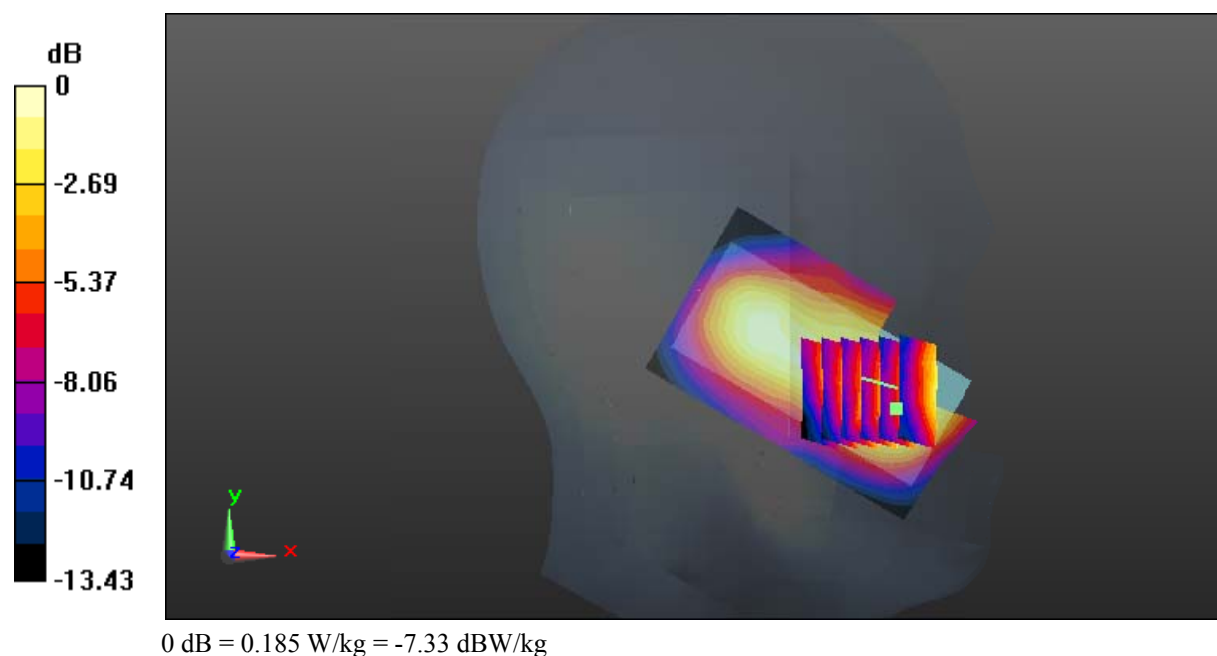
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.149 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.259 W/kg

**SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.117 W/kg**

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



**Test Plot 13#: GSM 1900\_Head Left Tilt\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.421$  S/m;  $\epsilon_r = 38.944$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0899 W/kg

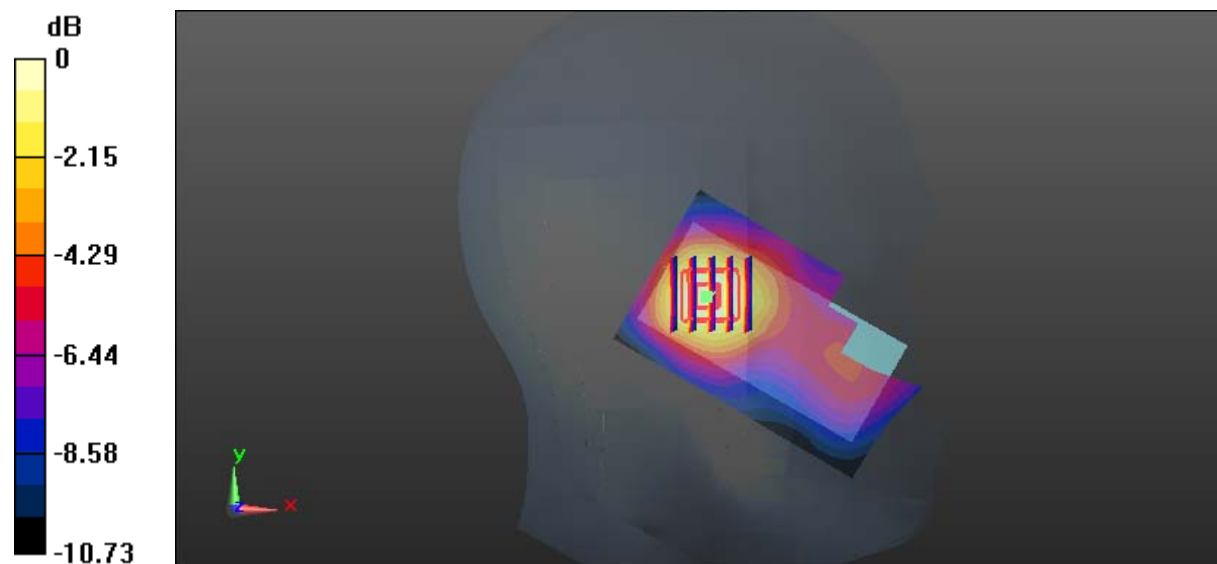
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.427 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.111 W/kg

**SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.050 W/kg**

Maximum value of SAR (measured) = 0.0855 W/kg



0 dB = 0.0855 W/kg = -10.68 dBW/kg

**Test Plot 14#: GSM 1900\_Head Right Cheek\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.421$  S/m;  $\epsilon_r = 38.944$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.239 W/kg

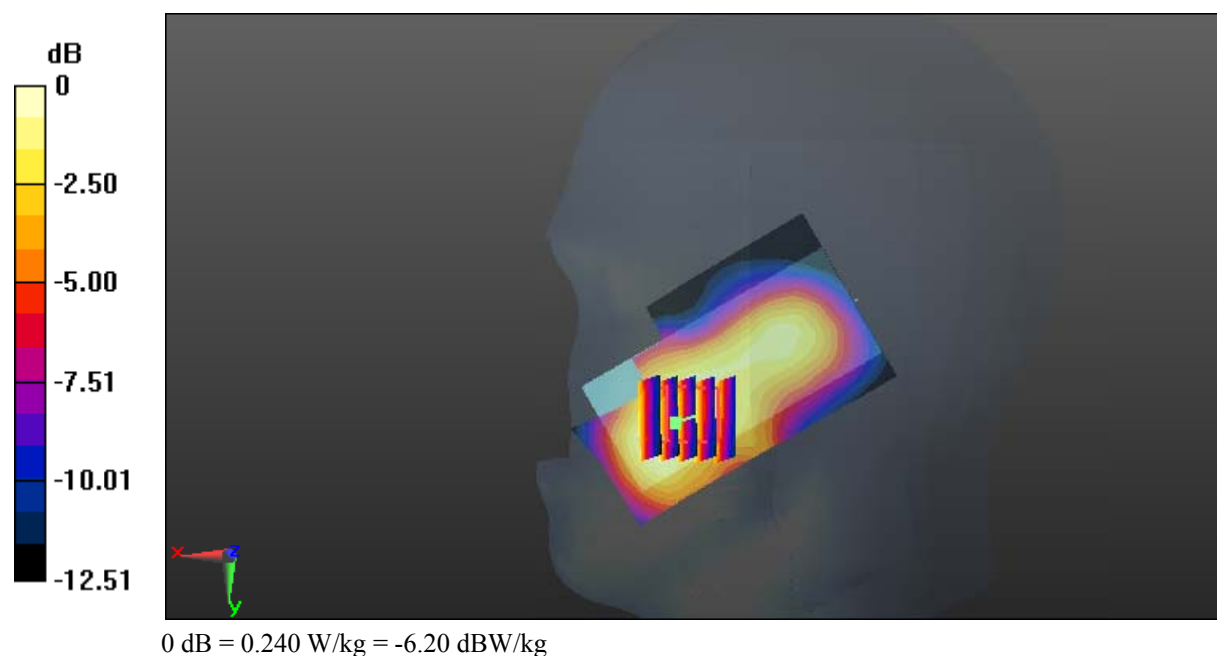
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.318 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.343 W/kg

**SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.135 W/kg**

Maximum value of SAR (measured) = 0.240 W/kg



**Test Plot 15#: GSM 1900\_Head Right Tilt\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.421$  S/m;  $\epsilon_r = 38.944$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

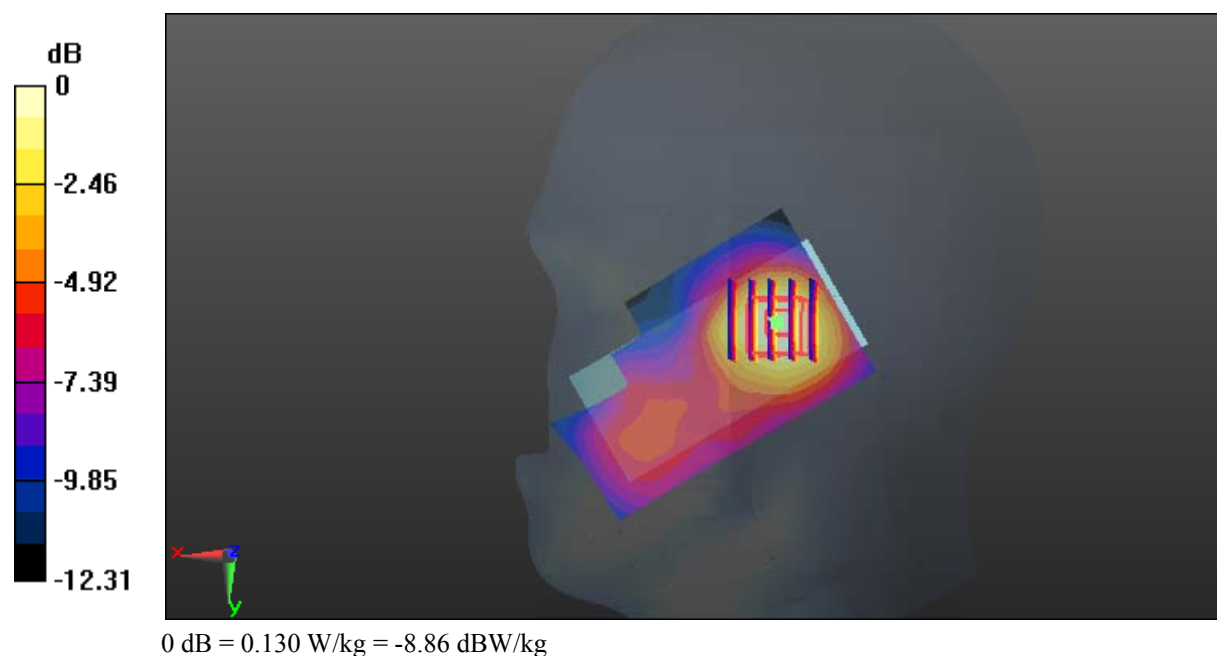
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.792 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.178 W/kg

**SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.076 W/kg**

Maximum value of SAR (measured) = 0.130 W/kg



**Test Plot 16#: GSM 1900\_Body Worn Back\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  S/m;  $\epsilon_r = 54.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(4.65, 4.65, 4.65); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.560 W/kg

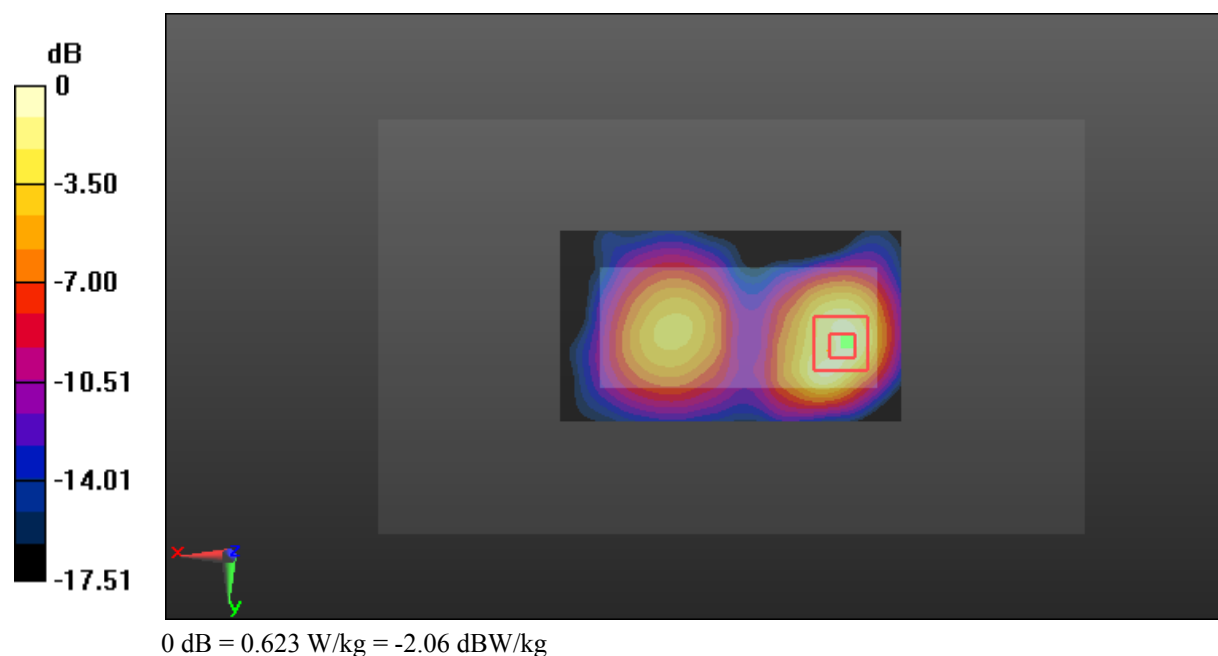
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.680 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.283 W/kg**

Maximum value of SAR (measured) = 0.623 W/kg





**Test Plot 17#: GSM 1900\_Body Back\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic GPRS-3 slots; Frequency: 1880 MHz; Duty Cycle: 1:2.66  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  S/m;  $\epsilon_r = 54.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(4.65, 4.65, 4.65); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.965 W/kg

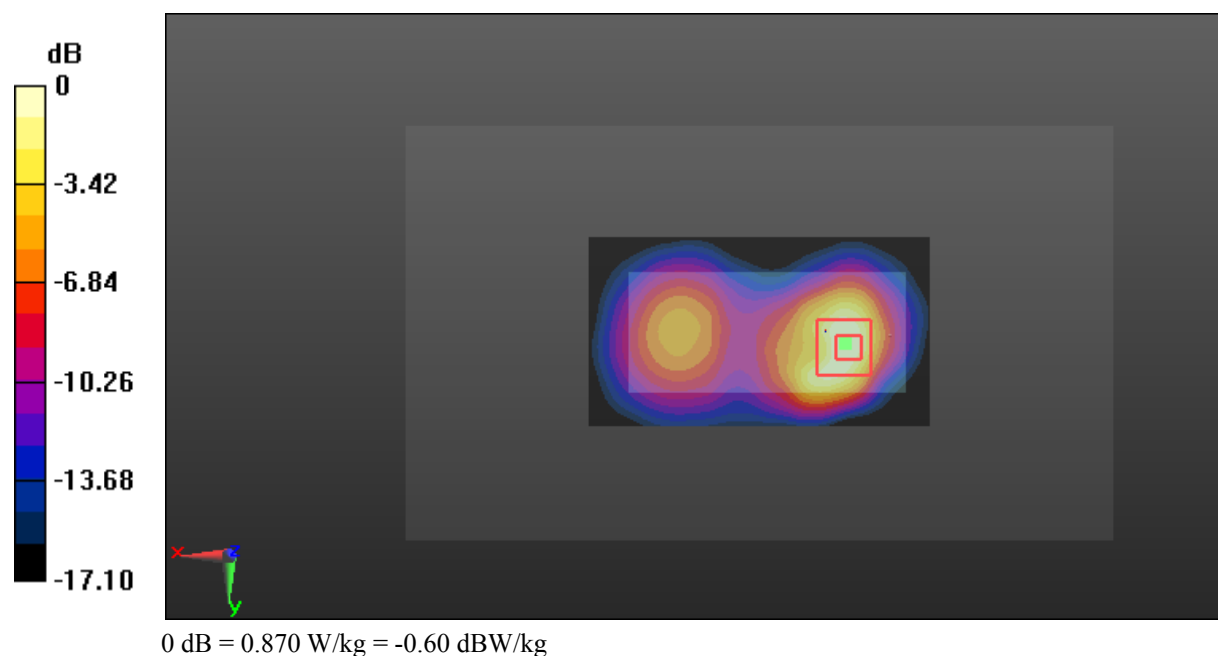
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.081 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.385 W/kg**

Maximum value of SAR (measured) = 0.870 W/kg



**Test Plot 18#: GSM 1900\_Body Bottom\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic GPRS-3 slots; Frequency: 1880 MHz; Duty Cycle: 1:2.66  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  S/m;  $\epsilon_r = 54.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(4.65, 4.65, 4.65); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

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

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

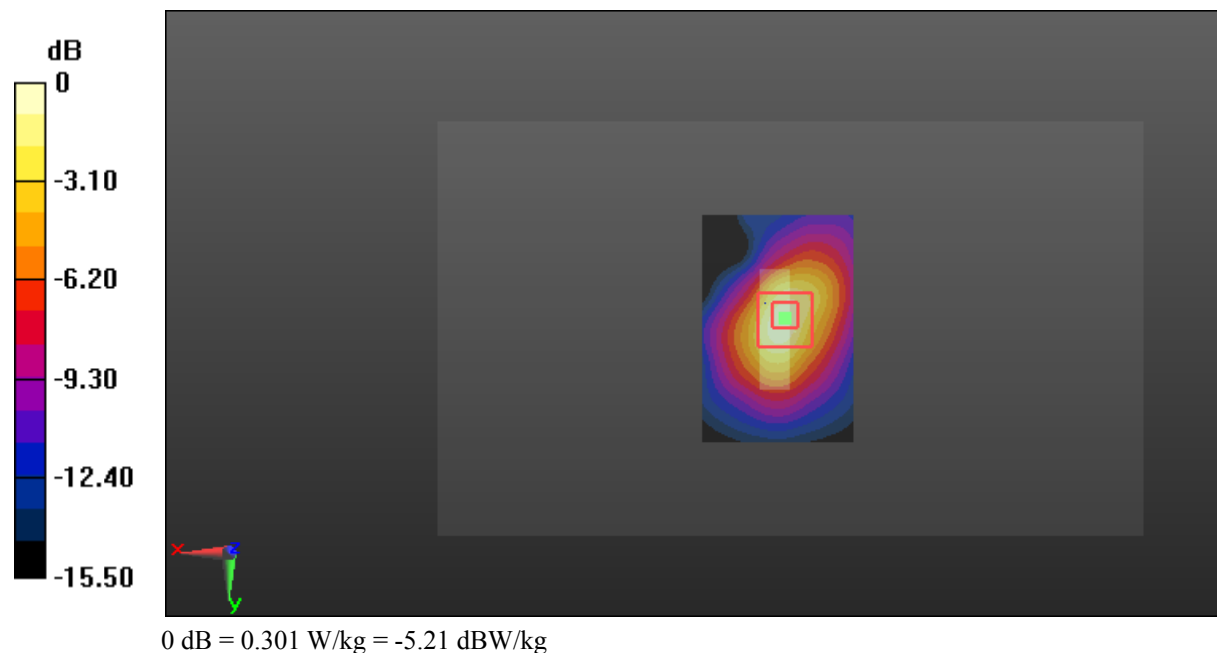
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.28 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.478 W/kg

**SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.139 W/kg**

Maximum value of SAR (measured) = 0.301 W/kg



**Test Plot 19#: WCDMA Band 2\_Head Left Cheek\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.421$  S/m;  $\epsilon_r = 38.944$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.193 W/kg

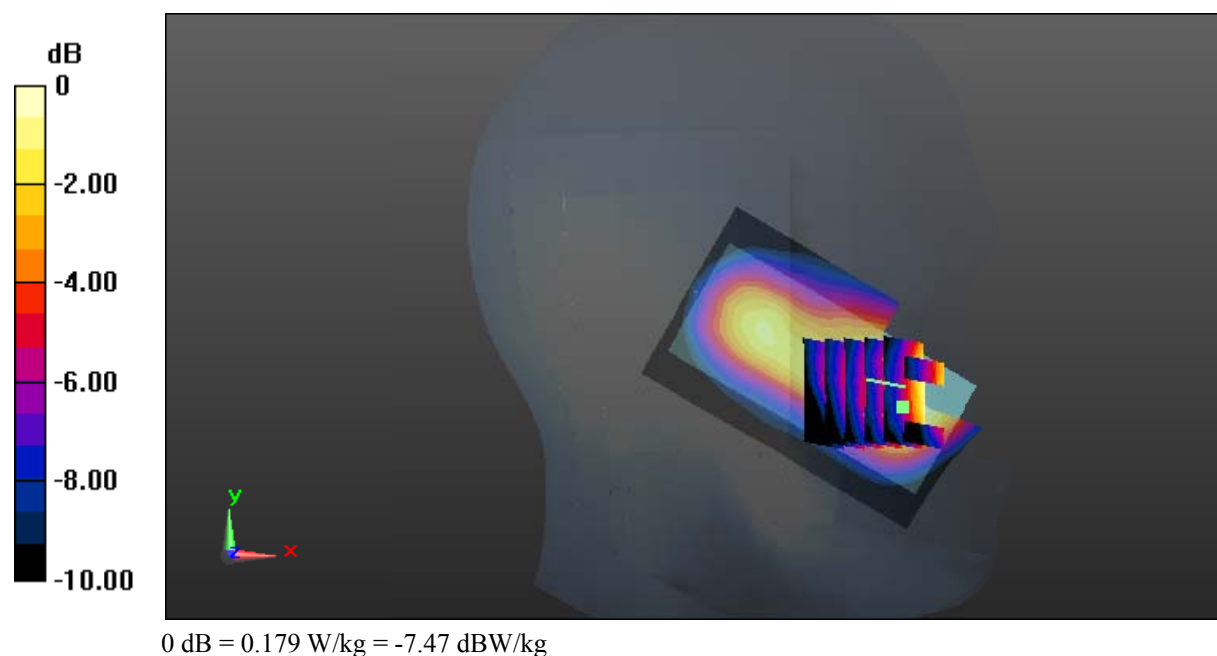
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.391 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.246 W/kg

**SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.113 W/kg**

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



**Test Plot 20#: WCDMA Band 2\_Head Left Tilt\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.421$  S/m;  $\epsilon_r = 38.944$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0779 W/kg

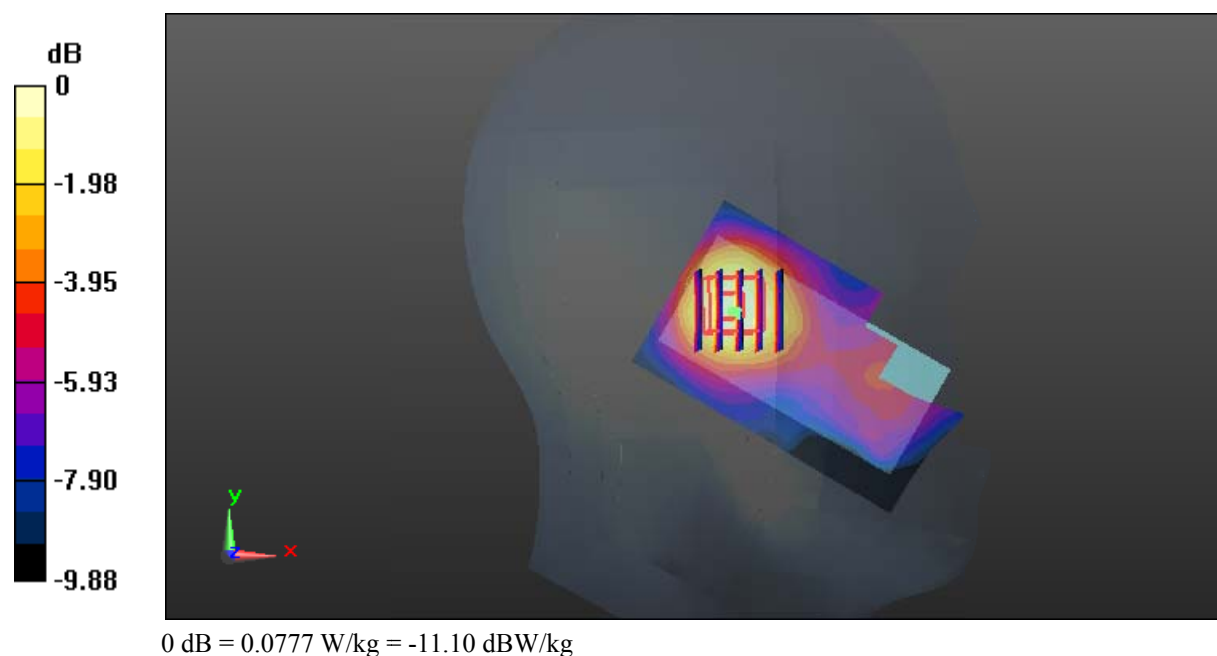
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.465 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0970 W/kg

**SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.047 W/kg**

Maximum value of SAR (measured) = 0.0777 W/kg



**Test Plot 21#: WCDMA Band 2\_Head Right Cheek\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.421$  S/m;  $\epsilon_r = 38.944$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.212 W/kg

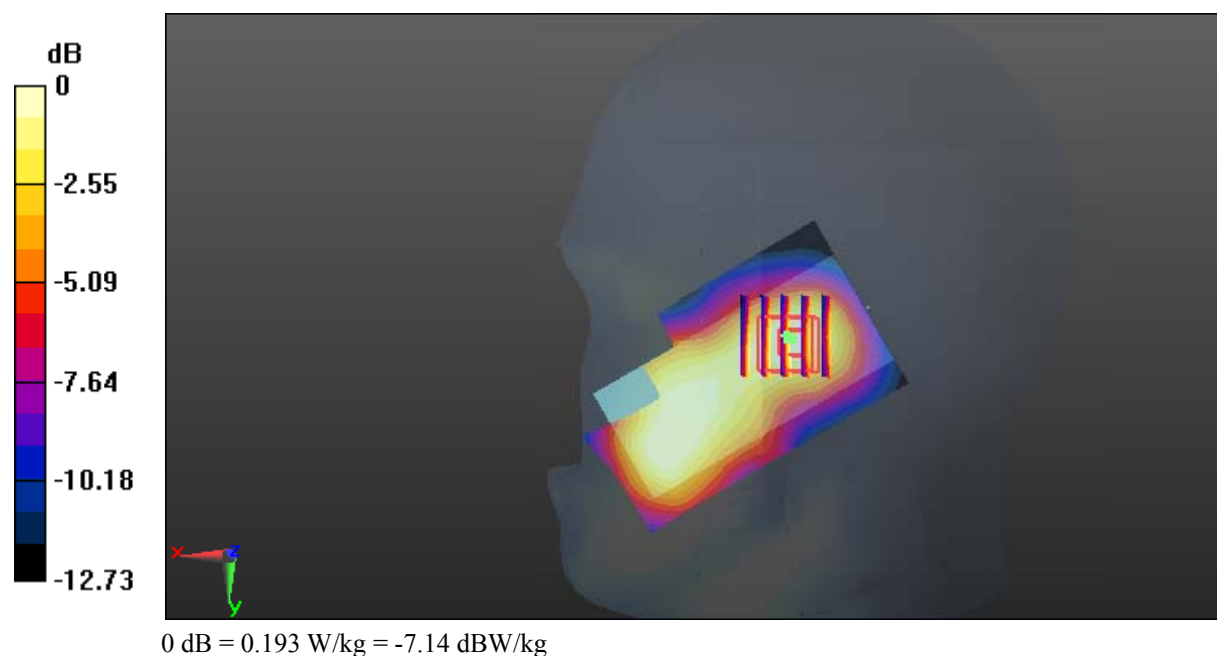
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.523 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.246 W/kg

**SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.112 W/kg**

Maximum value of SAR (measured) = 0.193 W/kg



**Test Plot 22#: WCDMA Band 2\_Head Right Tilt\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.421$  S/m;  $\epsilon_r = 38.944$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.130 W/kg

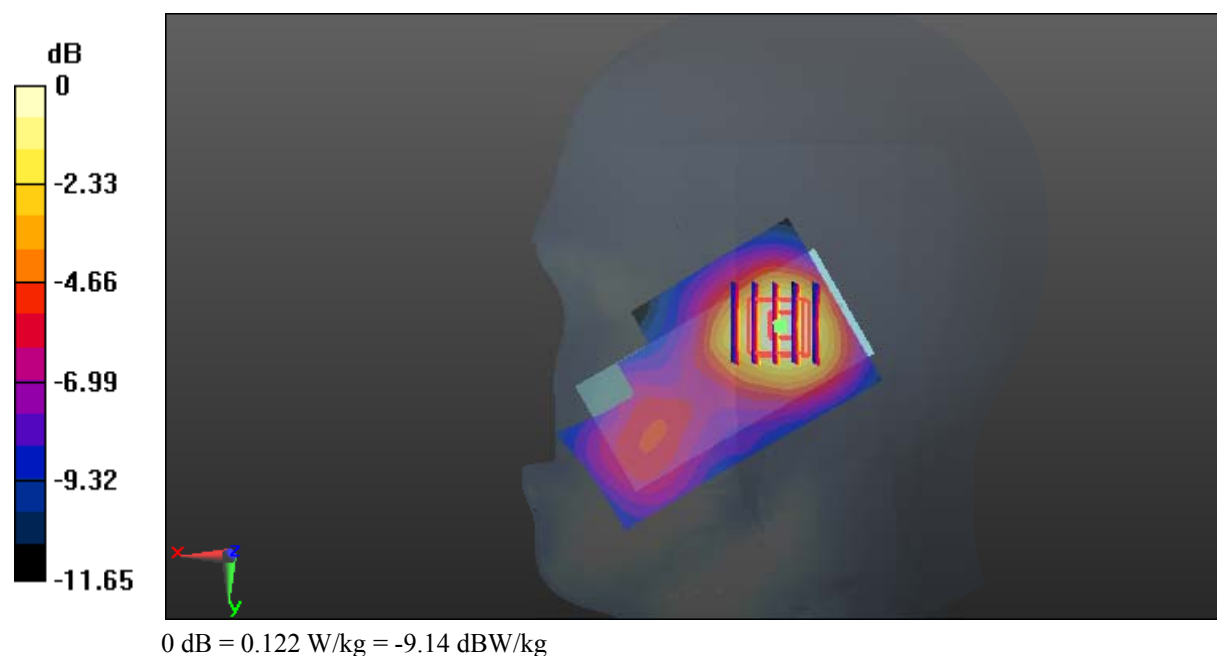
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.653 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.170 W/kg

**SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.072 W/kg**

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



**Test Plot 23#: WCDMA Band 2\_Body Back\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  S/m;  $\epsilon_r = 54.279$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(4.65, 4.65, 4.65); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.923 W/kg

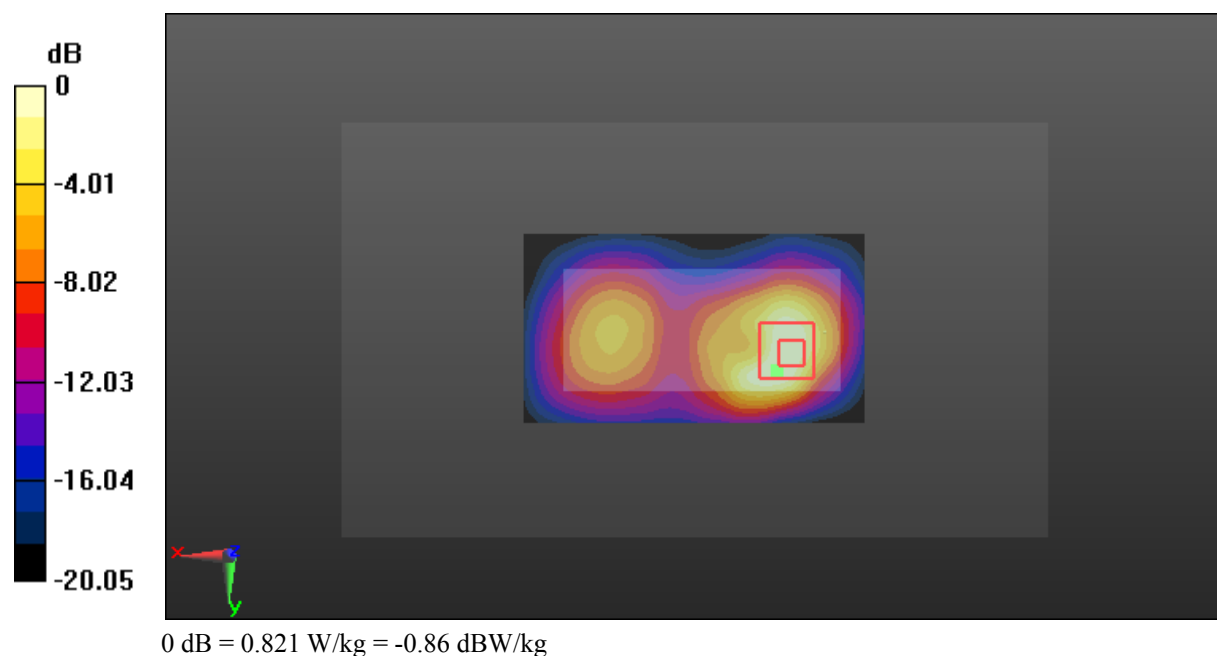
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.919 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.376 W/kg**

Maximum value of SAR (measured) = 0.821 W/kg



**Test Plot 24#: WCDMA Band 2\_Body Bottom\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  S/m;  $\epsilon_r = 54.279$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(4.65, 4.65, 4.65); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

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

Maximum value of SAR (interpolated) = 0.189 W/kg

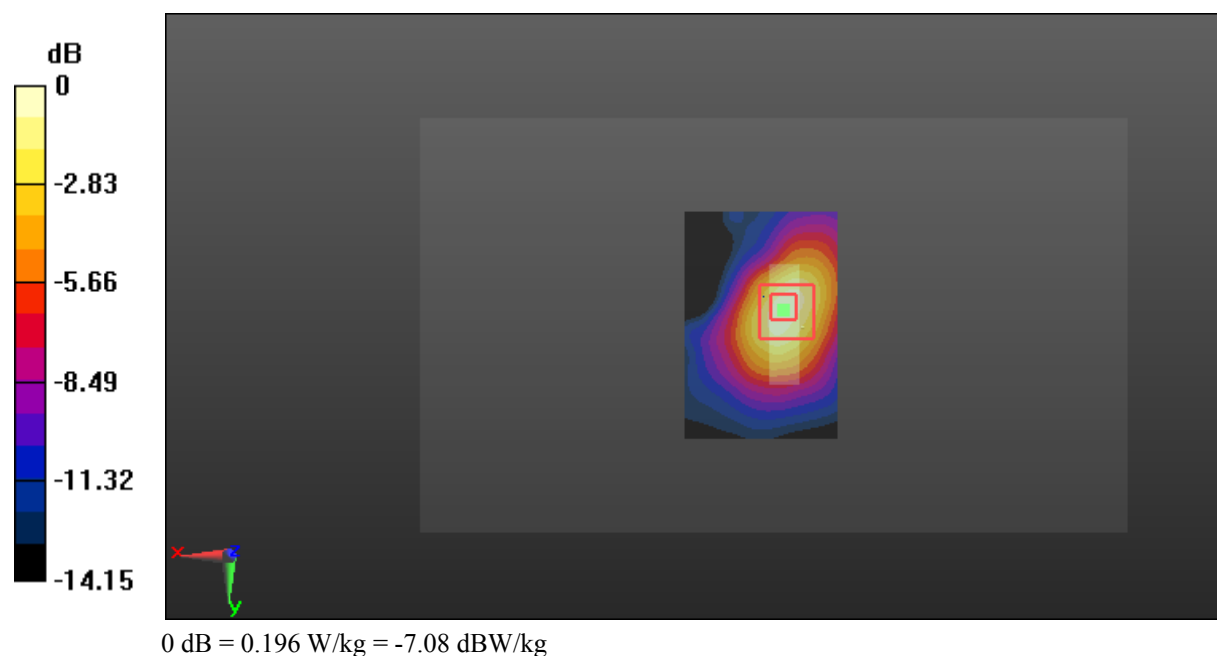
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.65 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.309 W/kg

**SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.094 W/kg**

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





**Test Plot 25#: WCDMA Band 5\_Head Left Cheek\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 40.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.57, 6.57, 6.57); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.789 W/kg

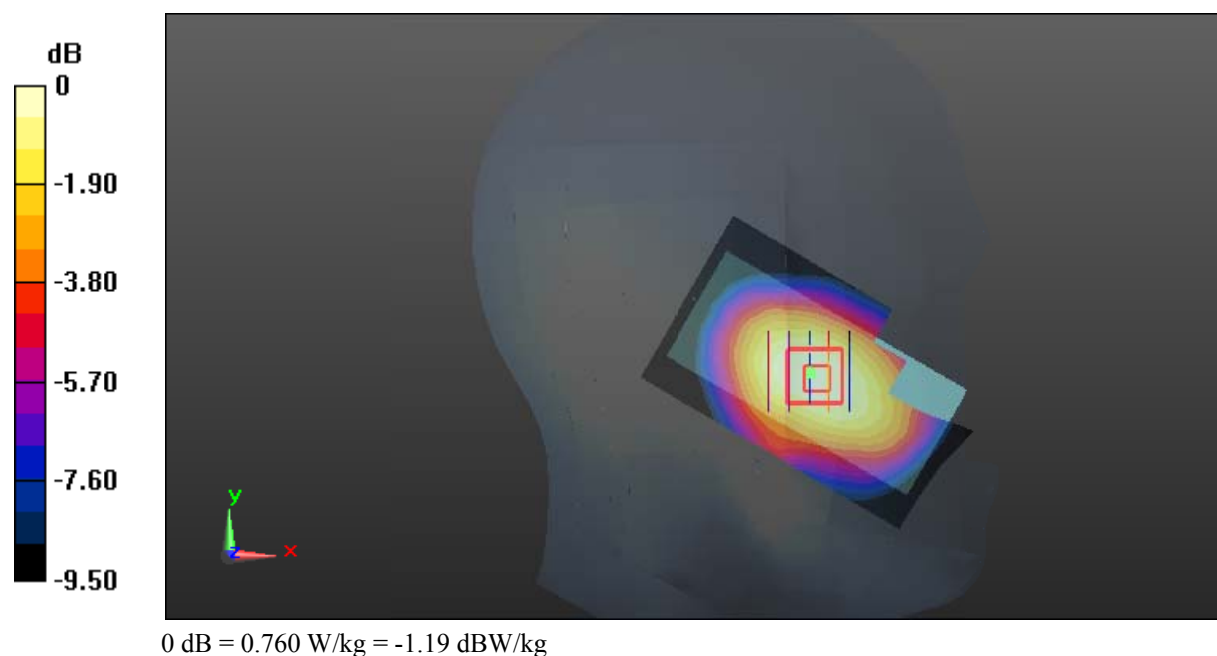
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.231 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.958 W/kg

**SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.518 W/kg**

Maximum value of SAR (measured) = 0.760 W/kg



**Test Plot 26#: WCDMA Band 5\_Head Left Tilt\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 40.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.57, 6.57, 6.57); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.290 W/kg

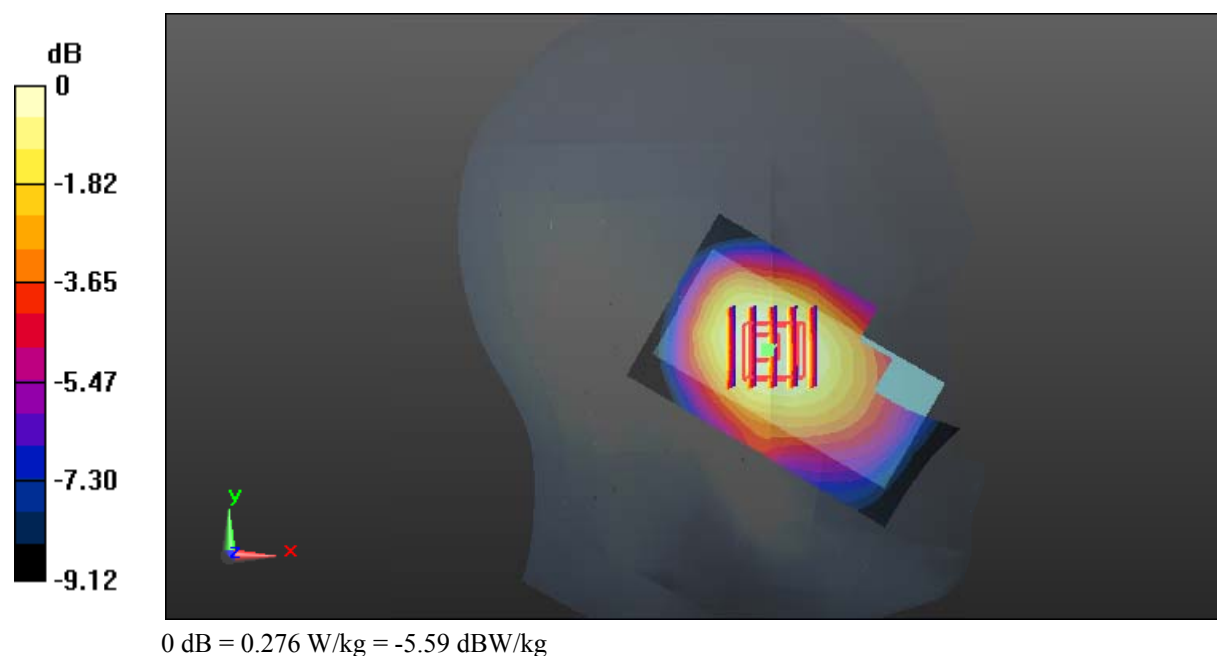
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.252 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.355 W/kg

**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.192 W/kg**

Maximum value of SAR (measured) = 0.276 W/kg



**Test Plot 27#: WCDMA Band 5\_Head Right Cheek\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 40.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.57, 6.57, 6.57); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.730 W/kg

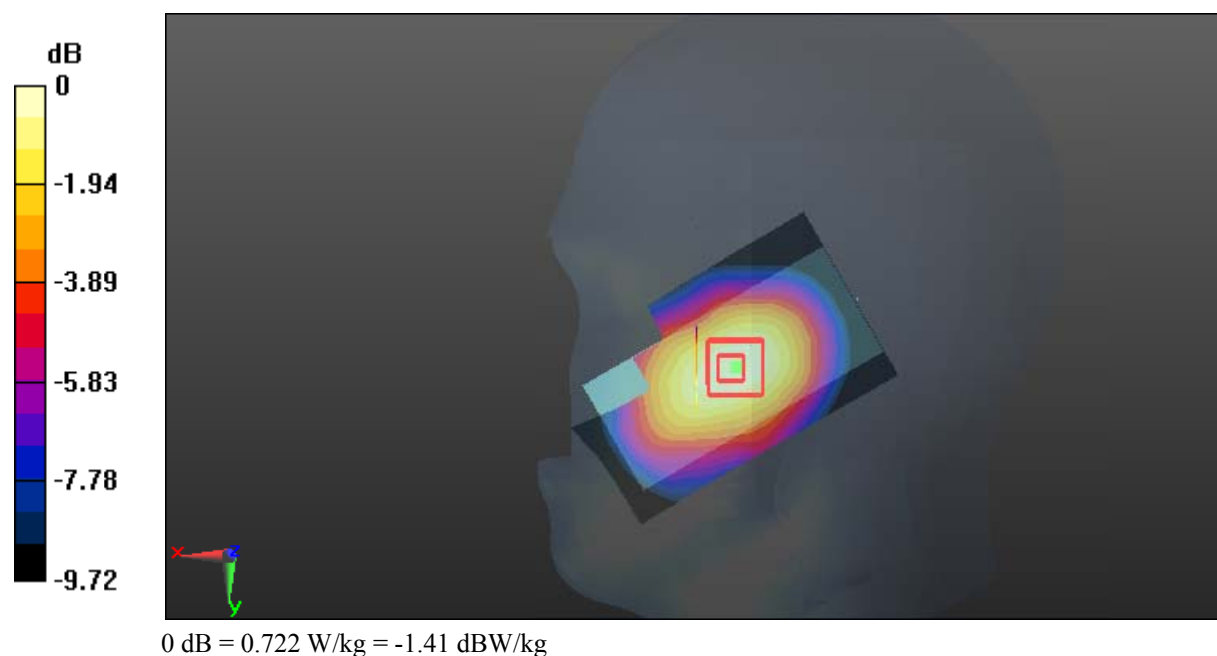
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.791 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.886 W/kg

**SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.489 W/kg**

Maximum value of SAR (measured) = 0.722 W/kg



**Test Plot 28#: WCDMA Band 5\_Head Right Tilt\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 40.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.57, 6.57, 6.57); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.306 W/kg

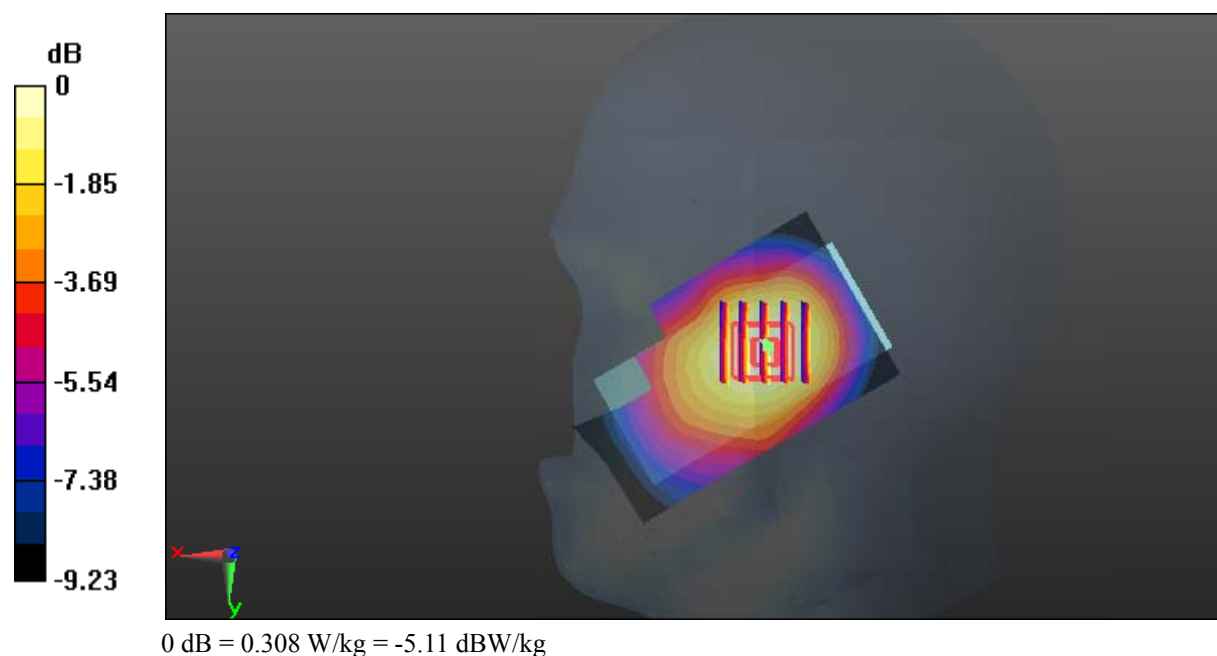
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.36 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.384 W/kg

**SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.212 W/kg**

Maximum value of SAR (measured) = 0.308 W/kg



**Test Plot 29#: WCDMA Band 5\_Body Back\_Low****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 56.614$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.42, 6.42, 6.42); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

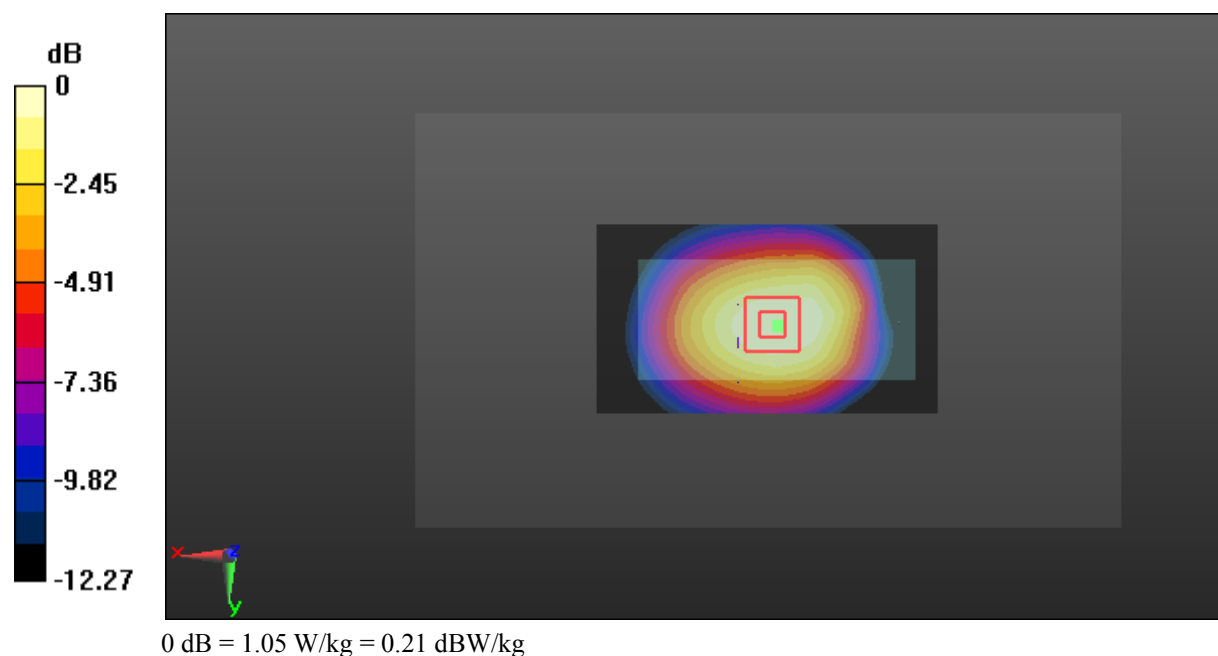
**Zoom Scan (7x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.62 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.680 W/kg**

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



**Test Plot 30#: WCDMA Band 5\_Body Back\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.975$  S/m;  $\epsilon_r = 56.91$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.42, 6.42, 6.42); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

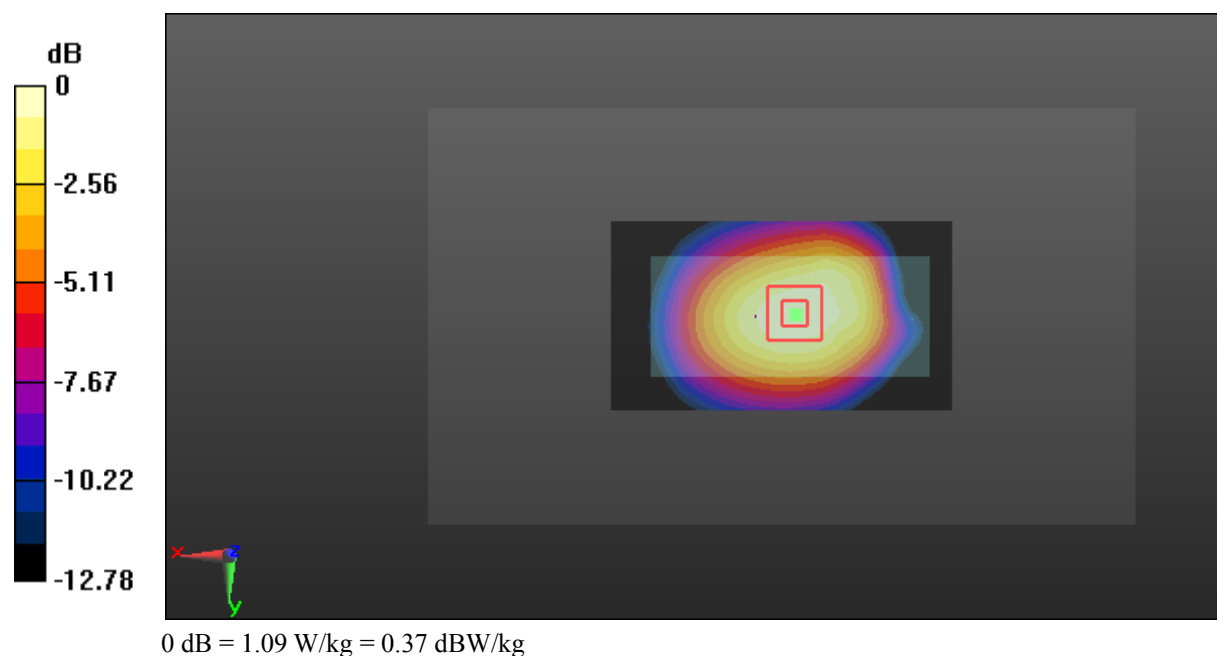
**Zoom Scan (7x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.20 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.695 W/kg**

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



**Test Plot 31#: WCDMA Band 5\_Body Back\_High****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 846.6$  MHz;  $\sigma = 0.985$  S/m;  $\epsilon_r = 57.087$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.42, 6.42, 6.42); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

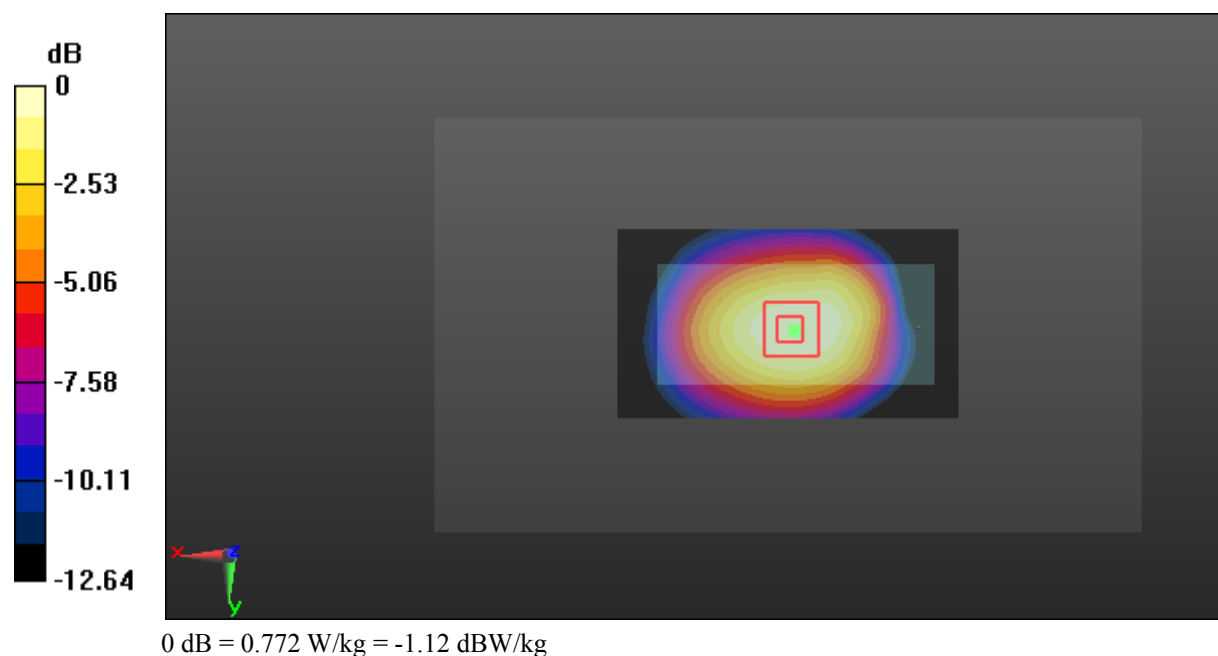
**Zoom Scan (7x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.50 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.492 W/kg**

Maximum value of SAR (measured) = 0.772 W/kg



**Test Plot 32#: WCDMA Band 5\_Body Bottom\_Middle****DUT: Mobile phone; Type: S319; Serial: 17122801821**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.975$  S/m;  $\epsilon_r = 56.91$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(6.42, 6.42, 6.42); Calibrated: 2017/10/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

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

Maximum value of SAR (interpolated) = 0.210 W/kg

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

Reference Value = 11.83 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.385 W/kg

**SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.108 W/kg**

Maximum value of SAR (measured) = 0.227 W/kg

