

Date/Time: 04/13/2015 19:38:56

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 50%RB Body Front**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.953 \text{ S/m}$ ;  $\epsilon_r = 55.408$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Front Side 15mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0803 W/kg

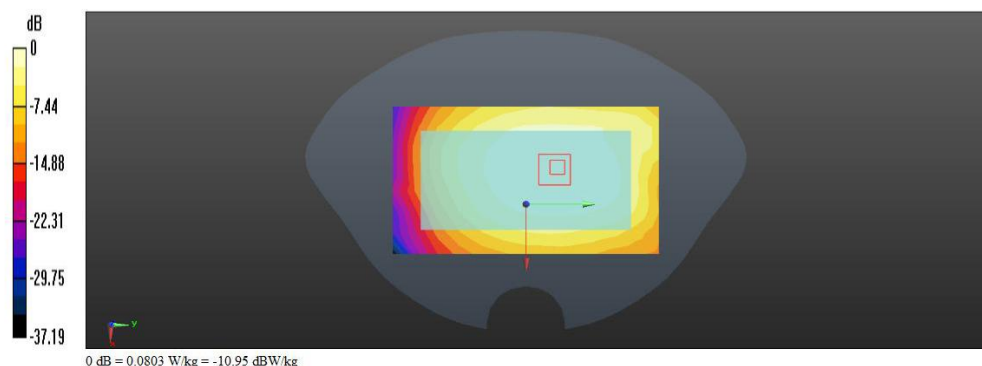
**Front Side 15mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.664 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0940 W/kg

**SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.057 W/kg**

Maximum value of SAR (measured) = 0.0868 W/kg



Date/Time: 04/13/2015 20:08:41

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 50%RB Body Back**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.953 \text{ S/m}$ ;  $\epsilon_r = 55.408$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 15mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.114 \text{ W/kg}$

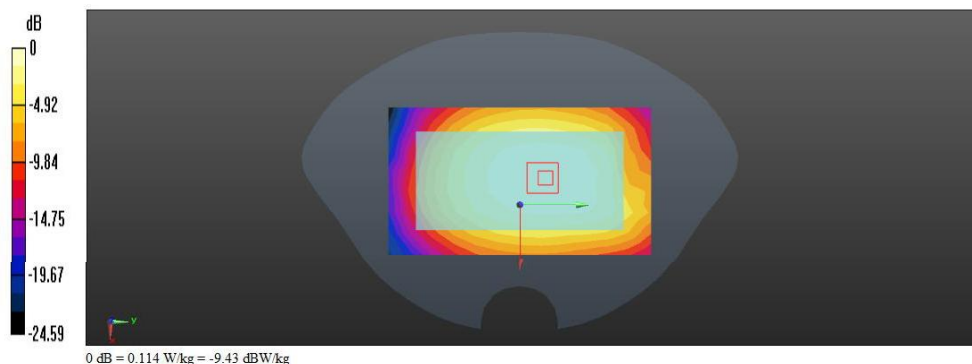
**Back Side 15mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.627 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.134 \text{ W/kg}$

**SAR(1 g) =  $0.103 \text{ W/kg}$ ; SAR(10 g) =  $0.080 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.123 \text{ W/kg}$



Date/Time: 04/13/2015 20:40:12

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 1RB Body Back SIM 2**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.953$  S/m;  $\epsilon_r = 55.408$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 15mm/ALE-L04/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

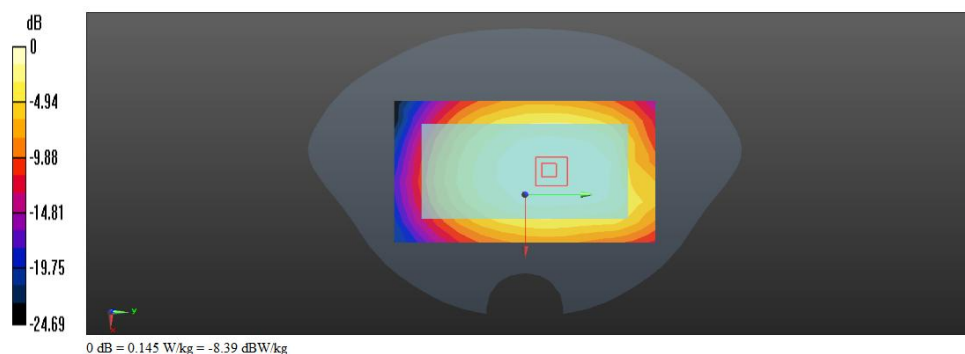
**Back Side 15mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.956 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.176 W/kg

**SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.103 W/kg**

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



Date/Time: 04/13/2015 21:11:23

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 1RB Body Back Battery 2#**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.953 \text{ S/m}$ ;  $\epsilon_r = 55.408$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 15mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.144 \text{ W/kg}$

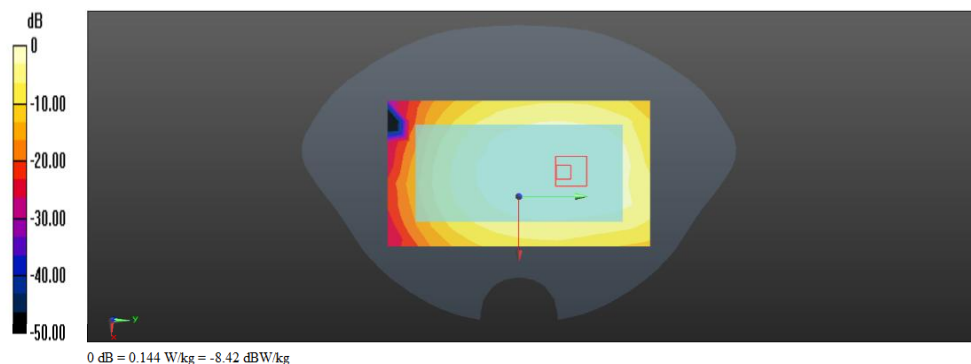
**Back Side 15mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.423 \text{ V/m}$ ; Power Drift =  $0.05 \text{ dB}$

Peak SAR (extrapolated) =  $0.178 \text{ W/kg}$

**SAR(1 g) =  $0.131 \text{ W/kg}$ ; SAR(10 g) =  $0.100 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.163 \text{ W/kg}$



Date/Time: 04/15/2015 19:04:53

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 1RB Body Front**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Front Side 10mm/ALE-L04/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.129 W/kg

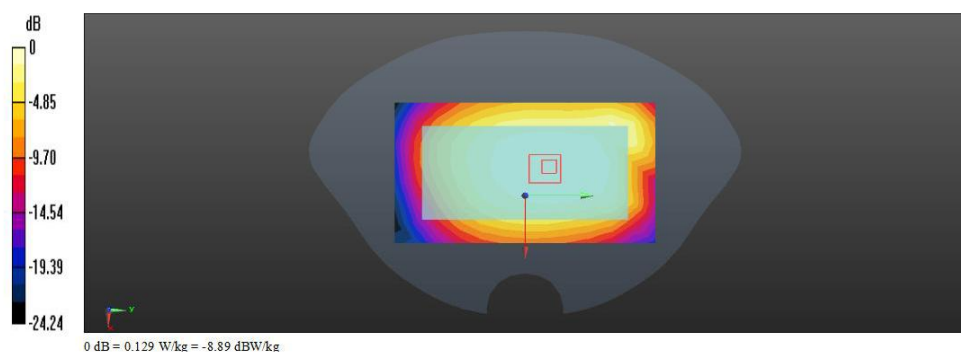
**Front Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.083 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.154 W/kg

**SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.091 W/kg**

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



Date/Time: 04/15/2015 19:35:08

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 1RB Body Back**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 10mm/ALE-L04/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

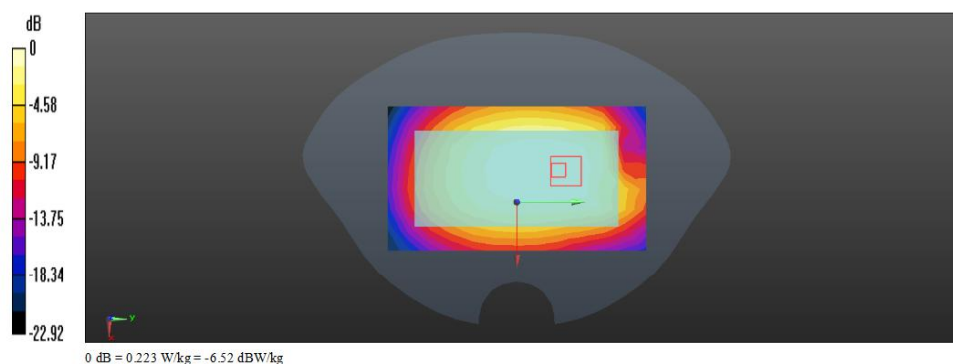
**Back Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.707 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.139 W/kg**

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



Date/Time: 04/15/2015 20:08:23

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 1RB Body Left**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Left Side 10mm/ALE-L04/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm

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

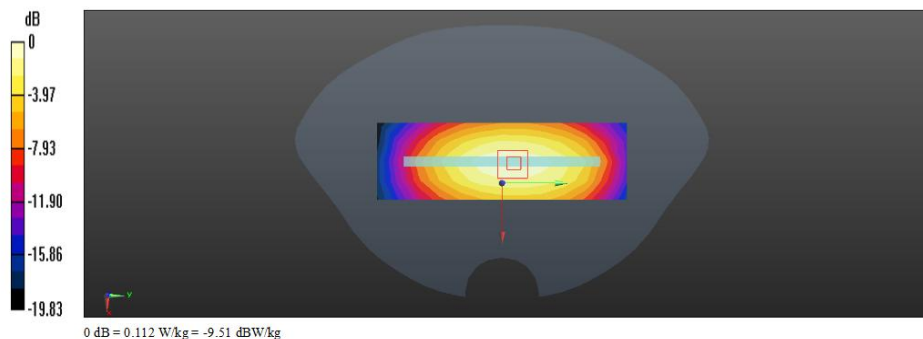
**Left Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.384 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.142 W/kg

**SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.065 W/kg**

Maximum value of SAR (measured) = 0.125 W/kg



Date/Time: 04/15/2015 20:40:02

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 1RB Body Right**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Right Side 10mm/ALE-L04/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm

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

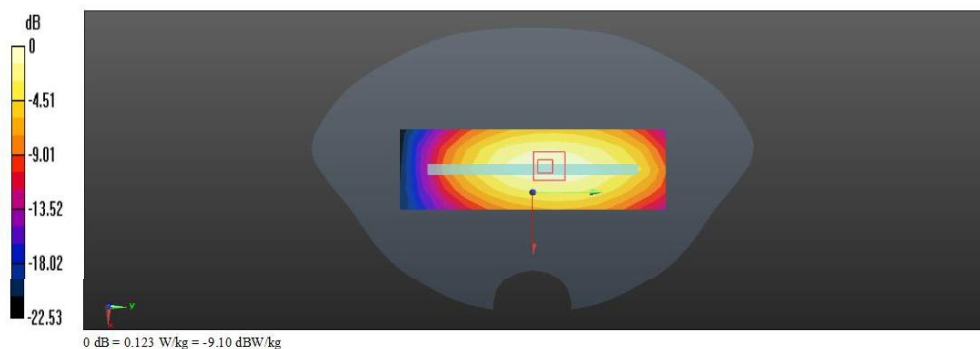
**Right Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.774 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.152 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.132 W/kg



Date/Time: 04/15/2015 22:04:23

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 1RB Body Bottom**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Bottom Side 10mm/ALE-L04/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0618 W/kg

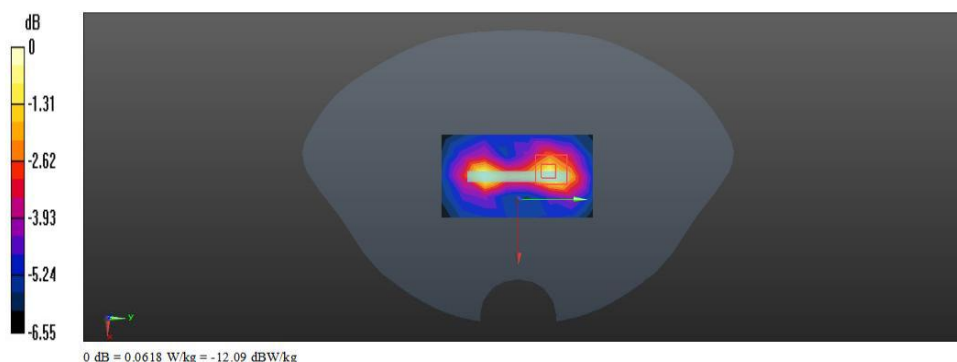
**Bottom Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.414 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0990 W/kg

**SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.029 W/kg**

Maximum value of SAR (measured) = 0.0782 W/kg



Date/Time: 04/15/2015 22:45:37

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 50%RB Body Front**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.964 \text{ S/m}$ ;  $\epsilon_r = 55.414$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Front Side 10mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0982 W/kg

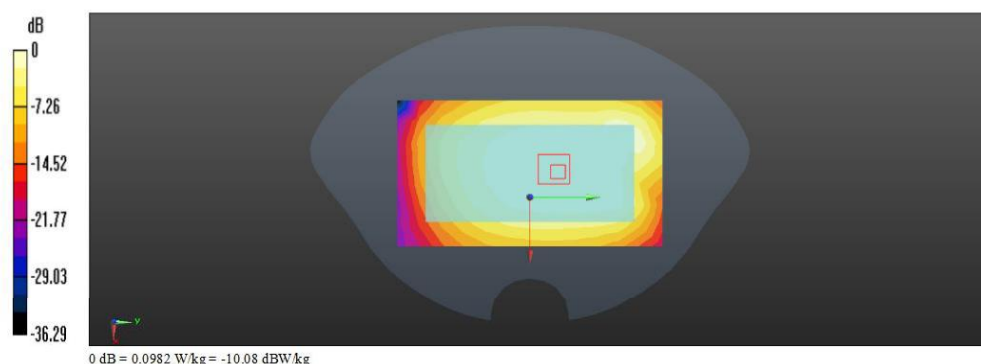
**Front Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.607 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.116 W/kg

**SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.069 W/kg**

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



Date/Time: 04/15/2015 23:16:35

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 50%RB Body Back**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.964 \text{ S/m}$ ;  $\epsilon_r = 55.414$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 10mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.163 \text{ W/kg}$

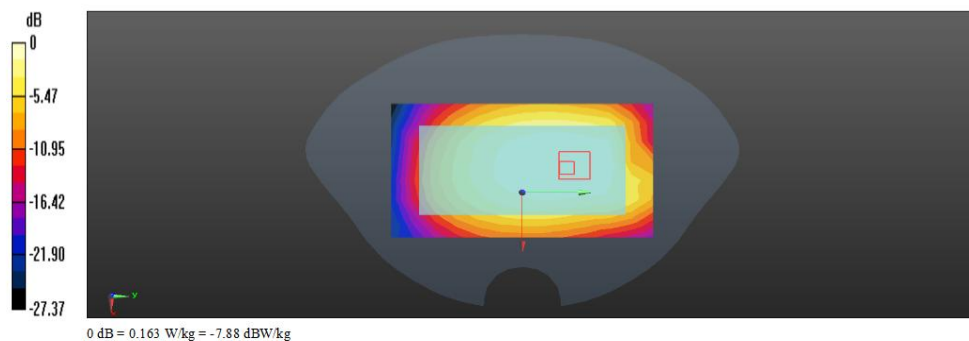
**Back Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.394 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.201 \text{ W/kg}$

**SAR(1 g) =  $0.146 \text{ W/kg}$ ; SAR(10 g) =  $0.109 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.177 \text{ W/kg}$



Date/Time: 04/15/2015 23:46:48

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 50%RB Body Left**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.964 \text{ S/m}$ ;  $\epsilon_r = 55.414$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Left Side 10mm/ALE-L04/Area Scan (5x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.0628 \text{ W/kg}$

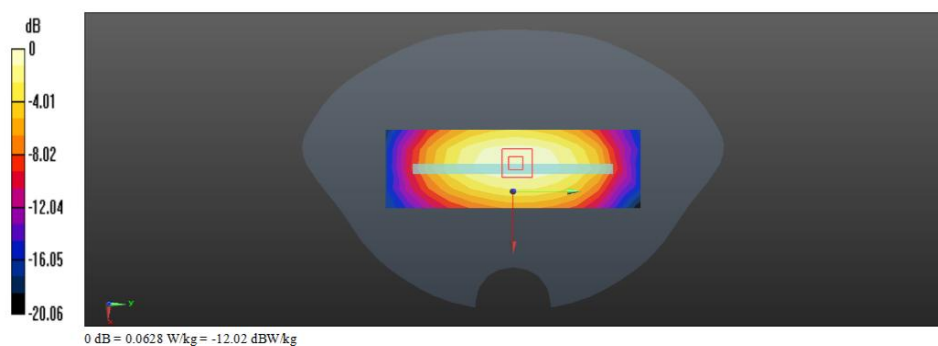
**Left Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $7.980 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.0820 \text{ W/kg}$

**SAR(1 g) =  $0.056 \text{ W/kg}$ ; SAR(10 g) =  $0.039 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0724 \text{ W/kg}$



Date/Time: 04/16/2015 00:13:18

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 50%RB Body Right**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.964 \text{ S/m}$ ;  $\epsilon_r = 55.414$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Right Side 10mm/ALE-L04/Area Scan (5x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.0674 \text{ W/kg}$

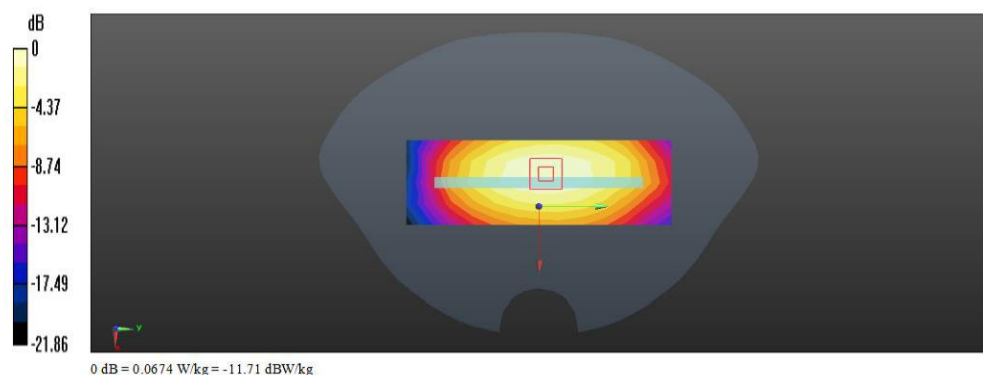
**Right Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.118 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.0900 \text{ W/kg}$

**SAR(1 g) =  $0.060 \text{ W/kg}$ ; SAR(10 g) =  $0.042 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0794 \text{ W/kg}$



Date/Time: 04/15/2015 21:40:01

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 50%RB Body Bottom**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Bottom Side 10mm/ALE-L04/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0488 W/kg

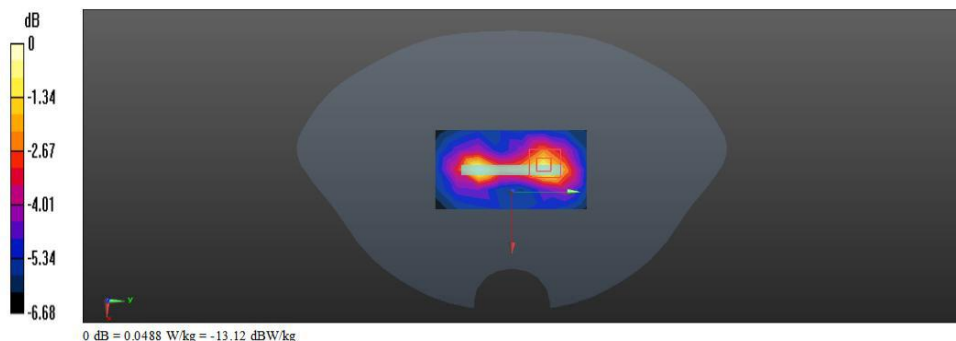
**Bottom Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.741 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0770 W/kg

**SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.022 W/kg**

Maximum value of SAR (measured) = 0.0612 W/kg



Date/Time: 04/16/2015 00:41:58

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 1RB Body Back SIM 2**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.964 \text{ S/m}$ ;  $\epsilon_r = 55.414$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 10mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.217 \text{ W/kg}$

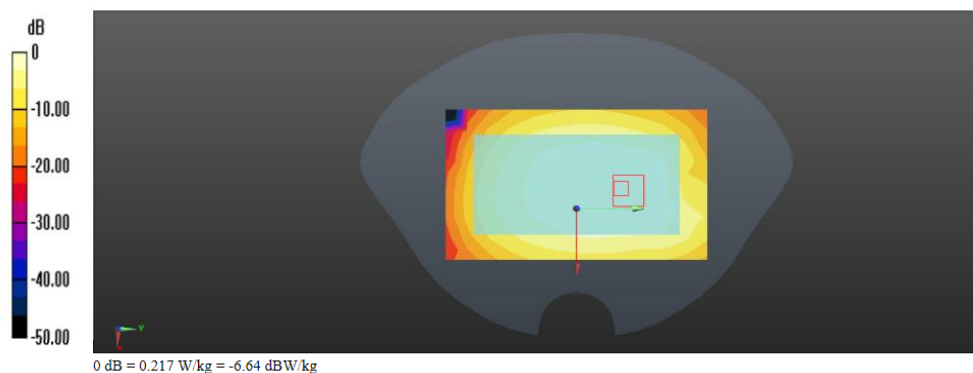
**Back Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $14.152 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.264 \text{ W/kg}$

**SAR(1 g) =  $0.190 \text{ W/kg}$ ; SAR(10 g) =  $0.140 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.237 \text{ W/kg}$



Date/Time: 04/16/2015 01:11:17

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 12 1RB Body Battery 2#**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 10mm/ALE-L04/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.180 W/kg

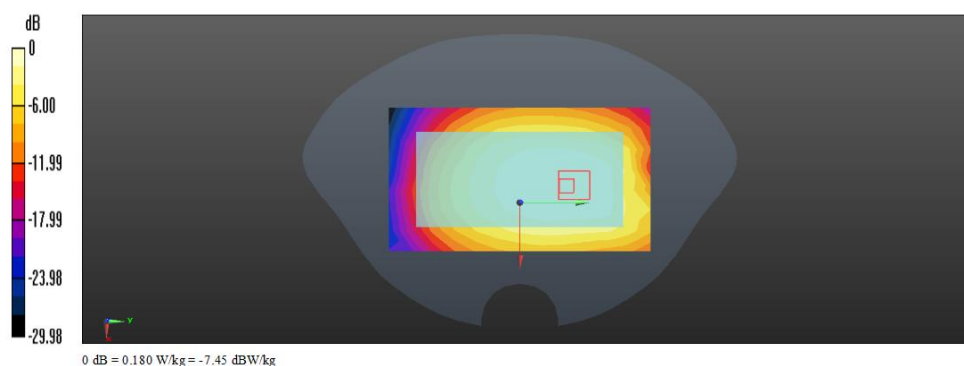
**Back Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.473 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.217 W/kg

**SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.120 W/kg**

Maximum value of SAR (measured) = 0.197 W/kg



Date/Time: 04/10/2015 15:14:47

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Right Head touch cheek**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.422$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.38, 10.38, 10.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Right hand touch cheek/ALE-L04/Area Scan (11x18x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

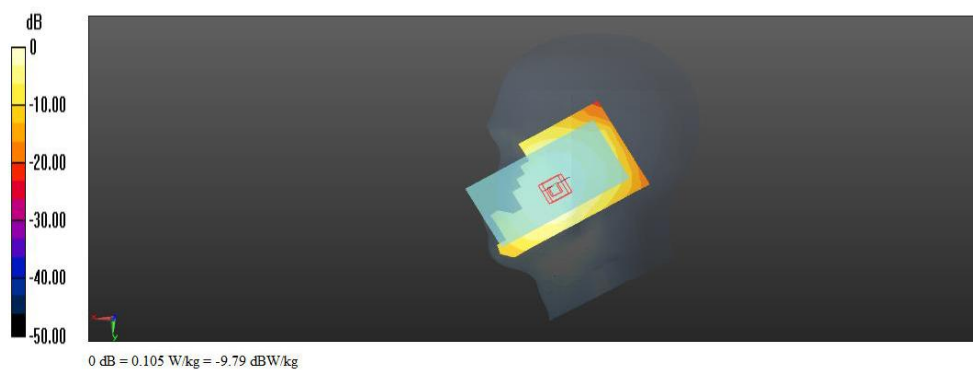
**Right hand touch cheek/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.323 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.107 W/kg

**SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.071 W/kg**

Maximum value of SAR (measured) = 0.0949 W/kg



Date/Time: 04/10/2015 15:49:56

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Right Head Tilted**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.422$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.38, 10.38, 10.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Right hand Tilted/ALE-L04/Area Scan (11x18x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) =  $0.0971 \text{ W/kg}$

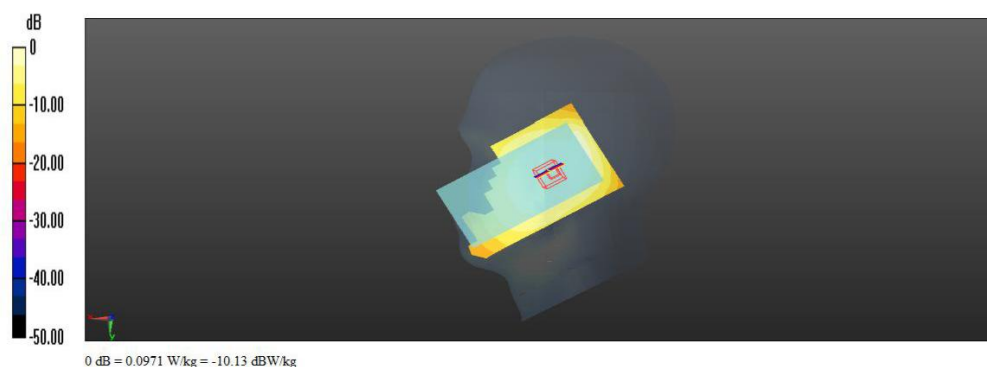
**Right hand Tilted/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $7.853 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.104 \text{ W/kg}$

**SAR(1 g) =  $0.085 \text{ W/kg}$ ; SAR(10 g) =  $0.067 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0885 \text{ W/kg}$



Date/Time: 04/10/2015 13:13:08

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Left Hand touch cheek**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.422$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.38, 10.38, 10.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Left Hand touch cheek/ALE-L04/Area Scan (11x18x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) =  $0.116 \text{ W/kg}$

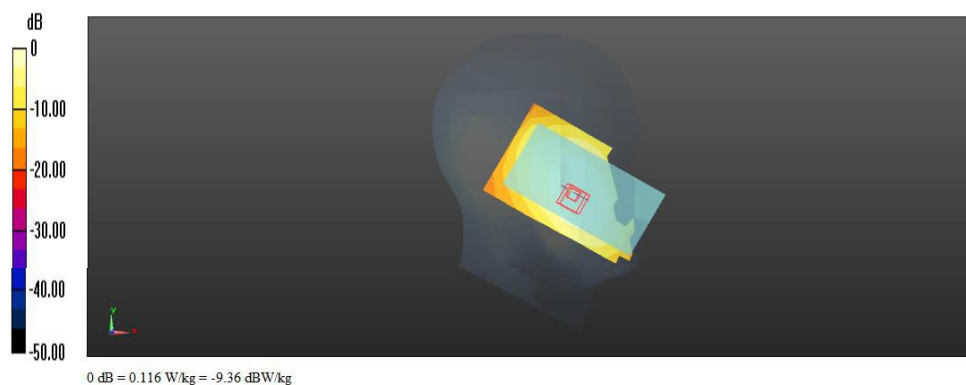
**Left Hand touch cheek/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $4.469 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.127 \text{ W/kg}$

**SAR(1 g) =  $0.102 \text{ W/kg}$ ; SAR(10 g) =  $0.075 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.109 \text{ W/kg}$



Date/Time: 04/10/2015 13:35:18

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Left Hand touch cheek SIM2**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.422$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.38, 10.38, 10.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Left Hand touch cheek/ALE-L04/Area Scan (11x18x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) =  $0.108 \text{ W/kg}$

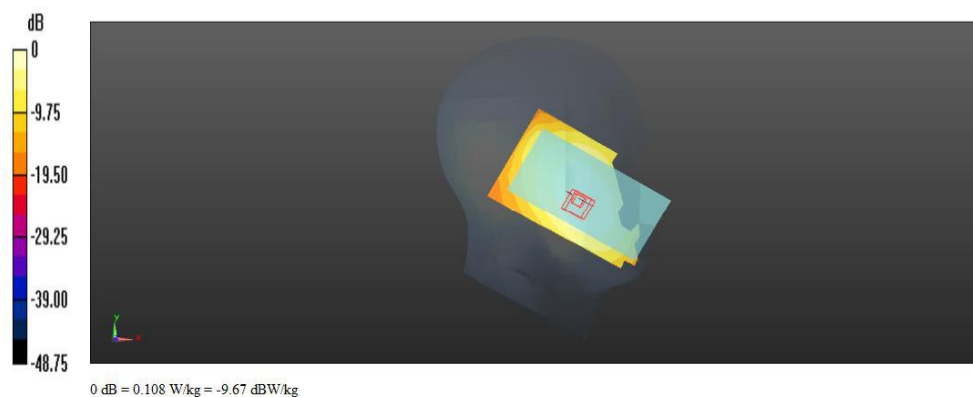
**Left Hand touch cheek/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $4.358 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.116 \text{ W/kg}$

**SAR(1 g) =  $0.095 \text{ W/kg}$ ; SAR(10 g) =  $0.072 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.101 \text{ W/kg}$



Date/Time: 04/10/2015 14:29:37

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Left Head Tilted**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.873$  S/m;  $\epsilon_r = 42.422$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.38, 10.38, 10.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Left Hand Tilted/ALE-L04/Area Scan (11x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0967 W/kg

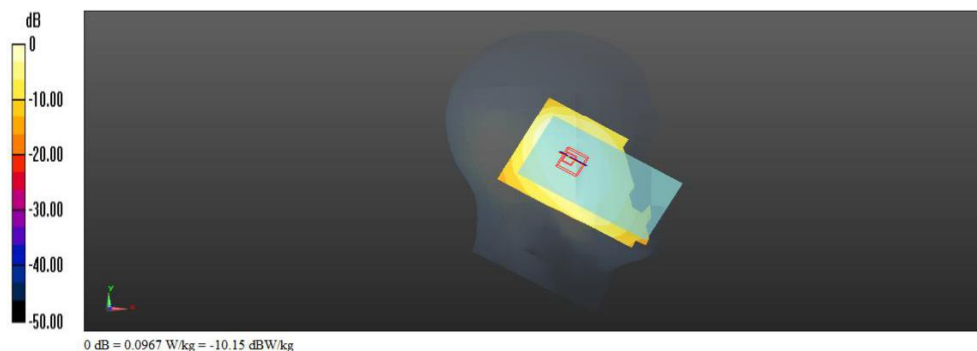
**Left Hand Tilted/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.705 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.104 W/kg

**SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.066 W/kg**

Maximum value of SAR (measured) = 0.0884 W/kg



Date/Time: 04/10/2015 16:26:18

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 50%RB Right Head touch cheek**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.422$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.38, 10.38, 10.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Right hand touch cheek/ALE-L04/Area Scan (11x18x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0903 W/kg

**Right hand touch cheek/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.772 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0980 W/kg

**SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.063 W/kg**

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



Date/Time: 04/10/2015 17:04:07

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 50%RB Right Head Tilted**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.422$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.38, 10.38, 10.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Right hand Tilted/ALE-L04/Area Scan (11x18x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) =  $0.0779 \text{ W/kg}$

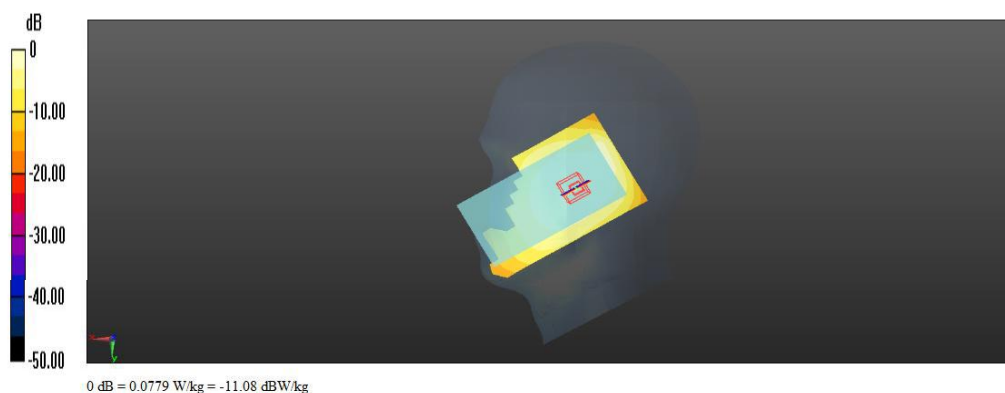
**Right hand Tilted/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $7.075 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.0830 \text{ W/kg}$

**SAR(1 g) =  $0.068 \text{ W/kg}$ ; SAR(10 g) =  $0.054 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0712 \text{ W/kg}$



Date/Time: 04/10/2015 17:40:41

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 50%RB Left Head touch cheek**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.422$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.38, 10.38, 10.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Left Hand touch cheek/ALE-L04/Area Scan (11x18x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0988 W/kg

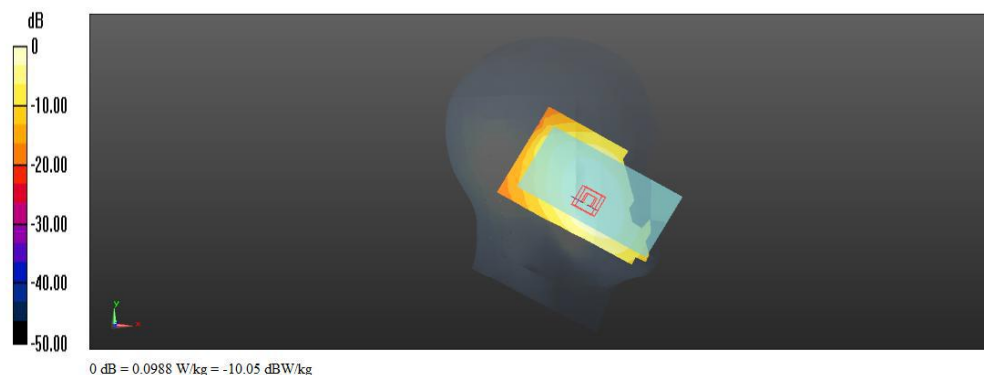
**Left Hand touch cheek/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.704 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.107 W/kg

**SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.065 W/kg**

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



Date/Time: 04/10/2015 18:56:30

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 50%RB Left Head Tilted**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.422$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.38, 10.38, 10.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Left Hand Tilted/ALE-L04/Area Scan (11x18x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) =  $0.0814 \text{ W/kg}$

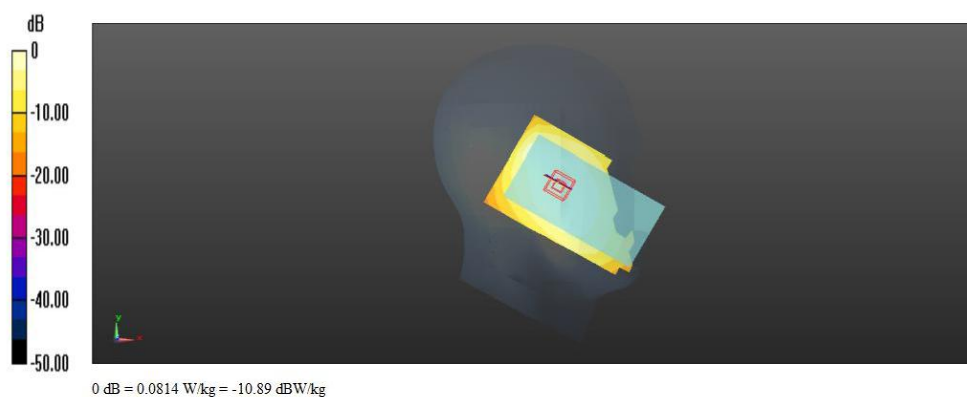
**Left Hand Tilted/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $6.304 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.0860 \text{ W/kg}$

**SAR(1 g) =  $0.074 \text{ W/kg}$ ; SAR(10 g) =  $0.059 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0767 \text{ W/kg}$



Date/Time: 04/10/2015 19:35:11

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Left Hand touch cheek Battery 2#**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.422$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.38, 10.38, 10.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Left Hand touch cheek/ALE-L04/Area Scan (11x18x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) =  $0.128 \text{ W/kg}$

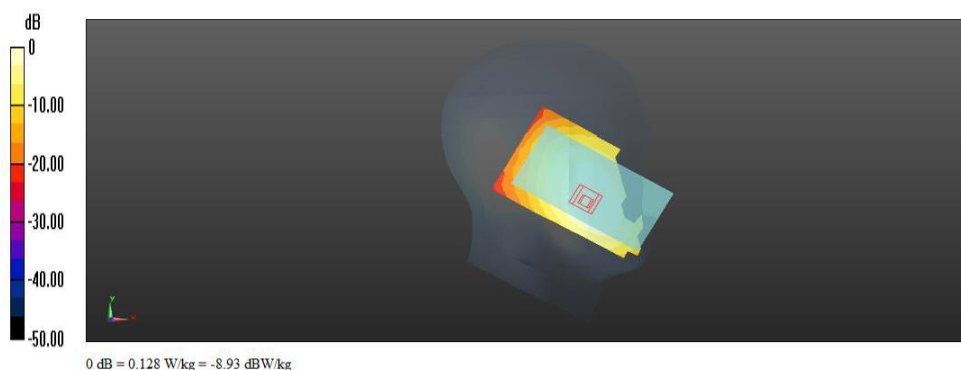
**Left Hand touch cheek/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $2.515 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.138 \text{ W/kg}$

**SAR(1 g) =  $0.111 \text{ W/kg}$ ; SAR(10 g) =  $0.086 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.116 \text{ W/kg}$



Date/Time: 04/13/2015 21:44:27

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Body Front**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.873$  S/m;  $\epsilon_r = 42.408$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Front Side 15mm/ALE-L04/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

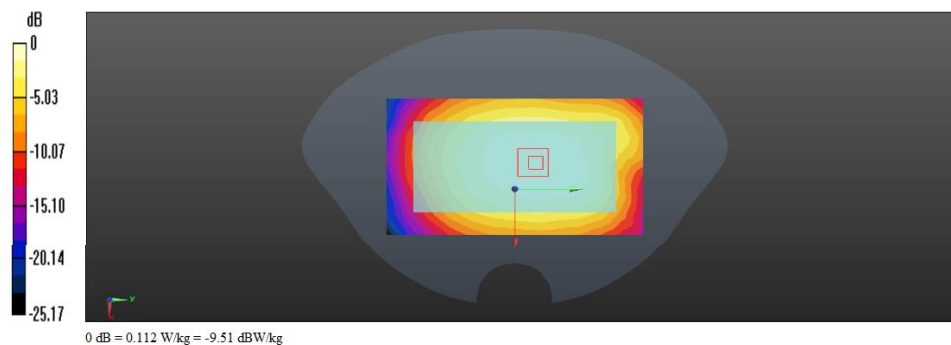
**Front Side 15mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.550 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.133 W/kg

**SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.077 W/kg**

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



Date/Time: 04/13/2015 22:13:58

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Body Back**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.873$  S/m;  $\epsilon_r = 42.408$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 15mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.165 W/kg

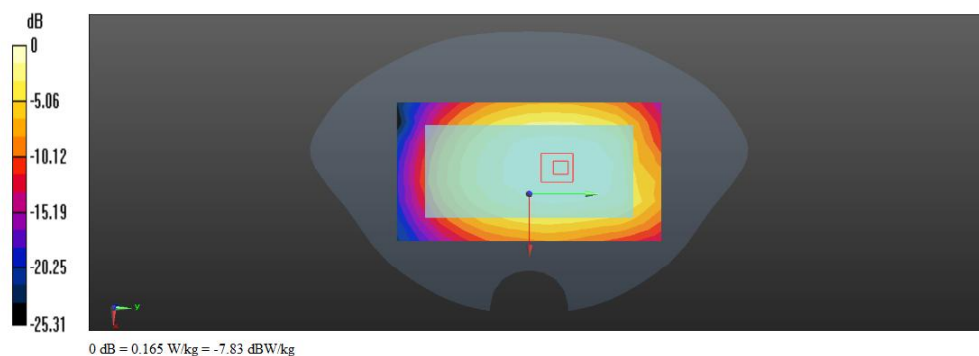
**Back Side 15mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 12.415 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.196 W/kg

**SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.112 W/kg**

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



Date/Time: 04/13/2015 22:43:55

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 50%RB Body Front**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.408$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Front Side 15mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.0827 \text{ W/kg}$

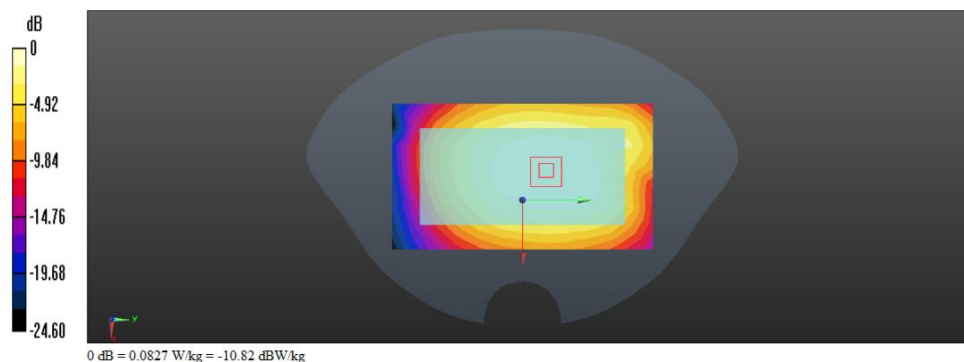
**Front Side 15mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.927 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.0950 \text{ W/kg}$

**SAR(1 g) =  $0.074 \text{ W/kg}$ ; SAR(10 g) =  $0.057 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0876 \text{ W/kg}$



Date/Time: 04/13/2015 23:17:17

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 50%RB Body Back**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.408$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 15mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.118 \text{ W/kg}$

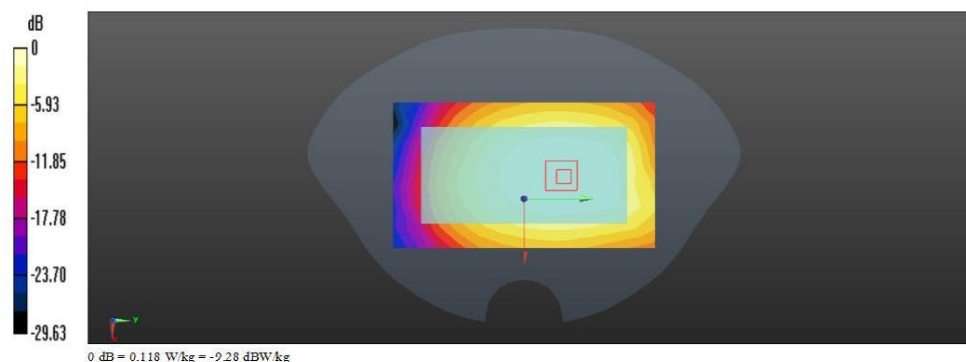
**Back Side 15mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.268 \text{ V/m}$ ; Power Drift =  $0.09 \text{ dB}$

Peak SAR (extrapolated) =  $0.142 \text{ W/kg}$

**SAR(1 g) =  $0.109 \text{ W/kg}$ ; SAR(10 g) =  $0.084 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.130 \text{ W/kg}$



Date/Time: 04/13/2015 23:47:41

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Body Back SIM 2**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.408$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 15mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.167 \text{ W/kg}$

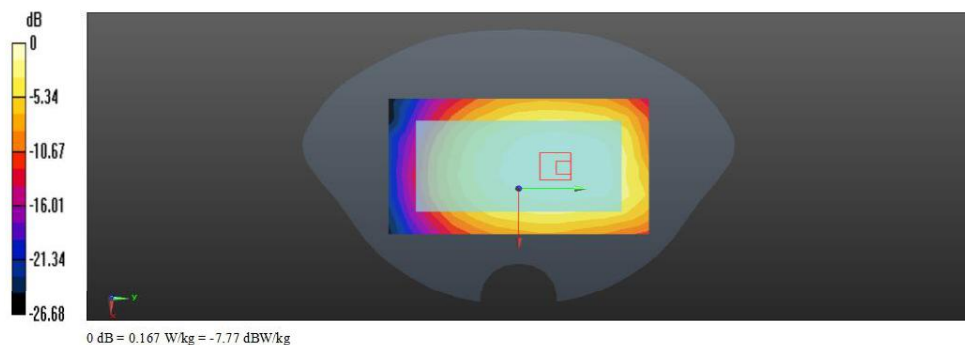
**Back Side 15mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.908 \text{ V/m}$ ; Power Drift =  $0.06 \text{ dB}$

Peak SAR (extrapolated) =  $0.204 \text{ W/kg}$

**SAR(1 g) =  $0.149 \text{ W/kg}$ ; SAR(10 g) =  $0.116 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.186 \text{ W/kg}$



Date/Time: 04/14/2015 00:18:56

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Body Back Battery 2#**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.408$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 15mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.167 \text{ W/kg}$

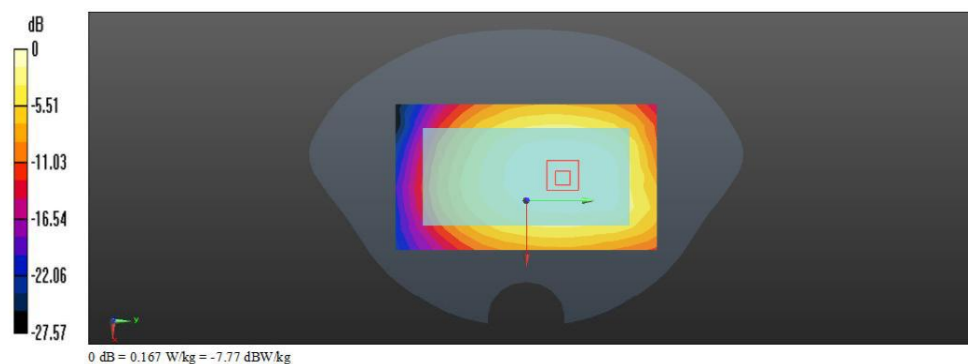
**Back Side 15mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.401 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.199 \text{ W/kg}$

**SAR(1 g) =  $0.150 \text{ W/kg}$ ; SAR(10 g) =  $0.116 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.181 \text{ W/kg}$



Date/Time: 04/16/2015 01:50:00

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Body Front**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Front Side 10mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.131 W/kg

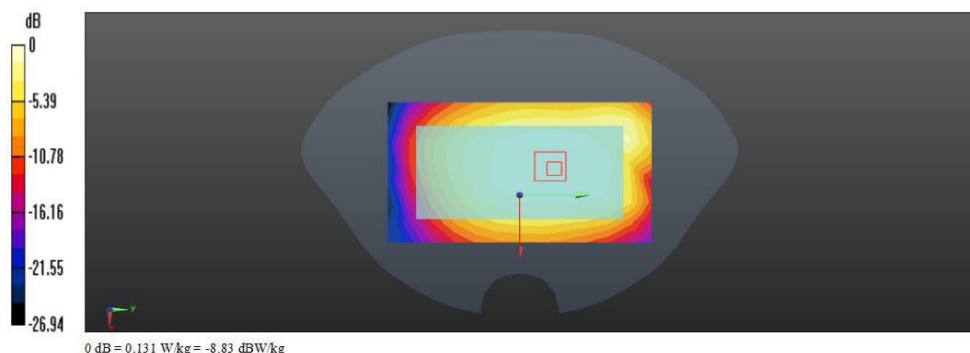
**Front Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 10.887 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.091 W/kg**

Maximum value of SAR (measured) = 0.142 W/kg



Date/Time: 04/16/2015 02:18:55

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Body Back**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 10mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

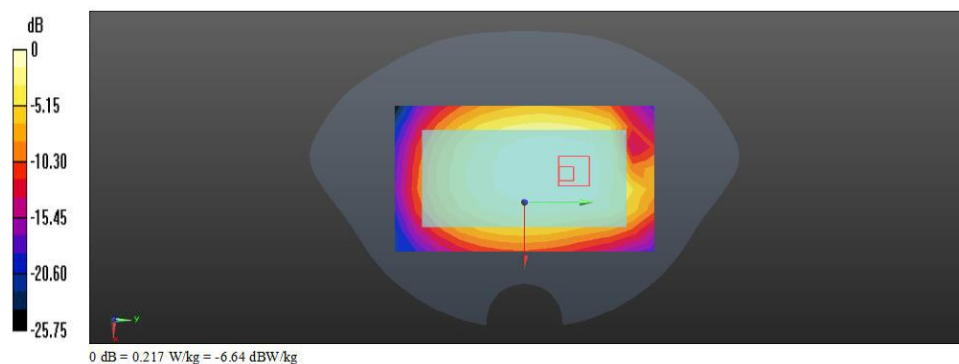
**Back Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 14.079 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.264 W/kg

**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.136 W/kg**

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



Date/Time: 04/16/2015 02:49:04

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Body Left**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Left Side 10mm/ALE-L04/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0833 W/kg

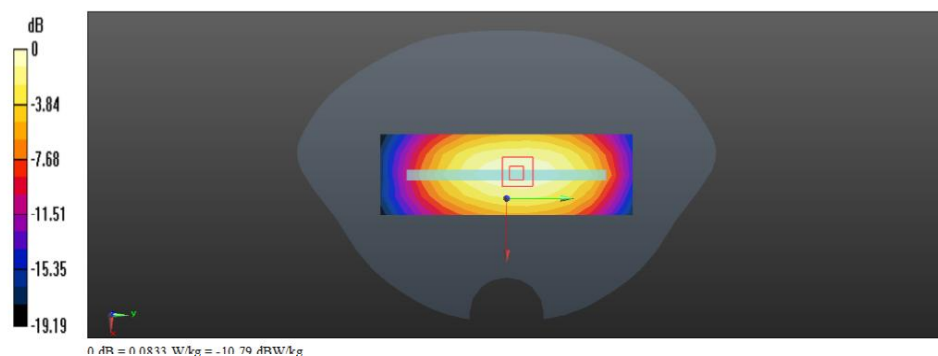
**Left Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.032 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.106 W/kg

**SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.050 W/kg**

Maximum value of SAR (measured) = 0.0941 W/kg



Date/Time: 04/16/2015 03:15:56

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Body Right**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Right Side 10mm/ALE-L04/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0905 W/kg

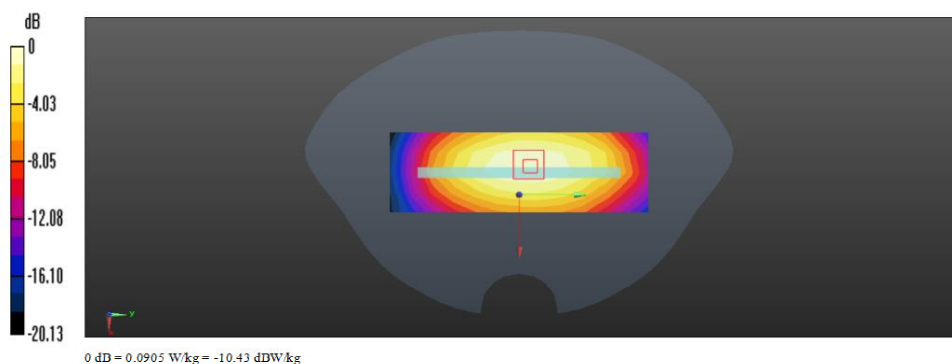
**Right Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.556 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.120 W/kg

**SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.055 W/kg**

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



Date/Time: 04/16/2015 03:43:49

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Body Bottom**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.964 \text{ S/m}$ ;  $\epsilon_r = 55.414$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Bottom Side 10mm/ALE-L04/Area Scan (5x8x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.0490 \text{ W/kg}$

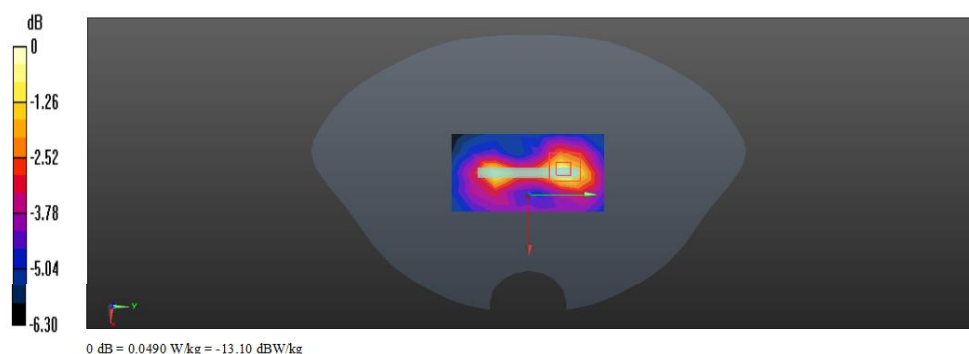
**Bottom Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $4.796 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.0760 \text{ W/kg}$

**SAR(1 g) =  $0.041 \text{ W/kg}$ ; SAR(10 g) =  $0.024 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0604 \text{ W/kg}$



Date/Time: 04/16/2015 04:33:32

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 50%RB Body Front**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.964 \text{ S/m}$ ;  $\epsilon_r = 55.414$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Front Side 10mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.0923 \text{ W/kg}$

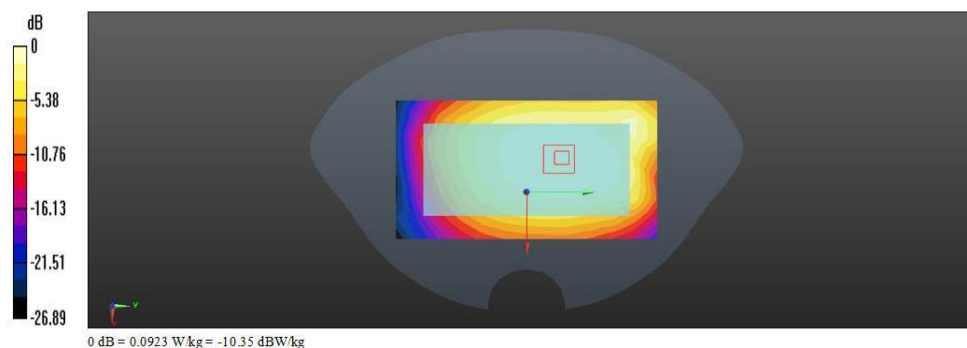
**Front Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.159 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$

Peak SAR (extrapolated) =  $0.111 \text{ W/kg}$

**SAR(1 g) =  $0.084 \text{ W/kg}$ ; SAR(10 g) =  $0.066 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.101 \text{ W/kg}$



Date/Time: 04/16/2015 05:03:59

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 50%RB Body Back**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.964 \text{ S/m}$ ;  $\epsilon_r = 55.414$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 10mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.161 \text{ W/kg}$

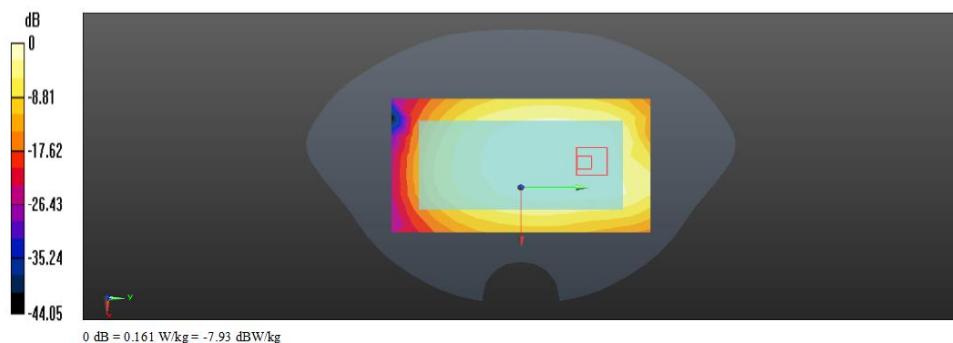
**Back Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.025 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.201 \text{ W/kg}$

**SAR(1 g) =  $0.137 \text{ W/kg}$ ; SAR(10 g) =  $0.094 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.172 \text{ W/kg}$



Date/Time: 04/16/2015 05:34:38

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 50%RB Body Left**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.964 \text{ S/m}$ ;  $\epsilon_r = 55.414$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Left Side 10mm/ALE-L04/Area Scan (5x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.0840 \text{ W/kg}$

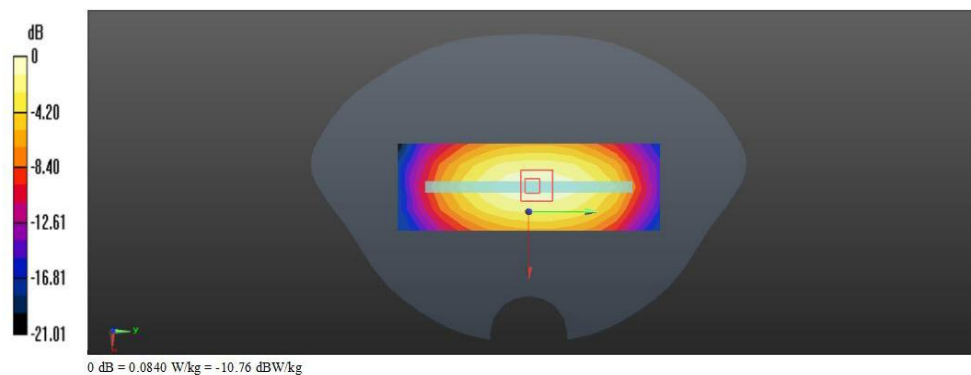
**Left Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.086 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.107 \text{ W/kg}$

**SAR(1 g) =  $0.070 \text{ W/kg}$ ; SAR(10 g) =  $0.048 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0932 \text{ W/kg}$



Date/Time: 04/16/2015 06:00:12

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 50%RB Body Right**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.964 \text{ S/m}$ ;  $\epsilon_r = 55.414$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Right Side 10mm/ALE-L04/Area Scan (5x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.0937 \text{ W/kg}$

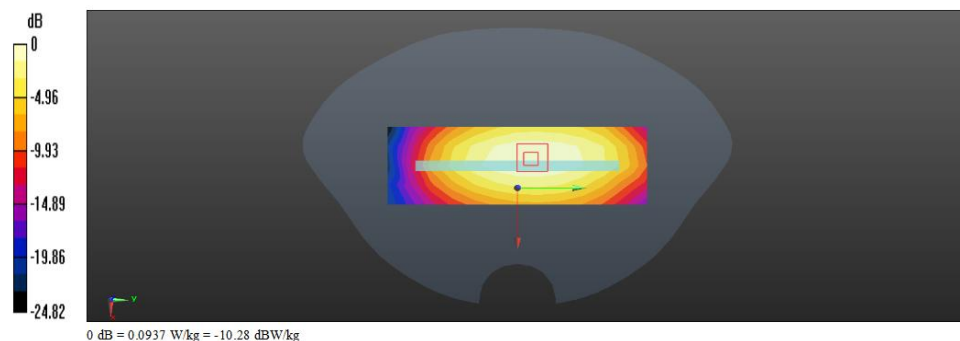
**Right Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.525 \text{ V/m}$ ; Power Drift =  $0.06 \text{ dB}$

Peak SAR (extrapolated) =  $0.125 \text{ W/kg}$

**SAR(1 g) =  $0.082 \text{ W/kg}$ ; SAR(10 g) =  $0.056 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.109 \text{ W/kg}$



Date/Time: 04/16/2015 04:07:20

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 50%RB Body Bottom**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Bottom Side 10mm/ALE-L04/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm

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

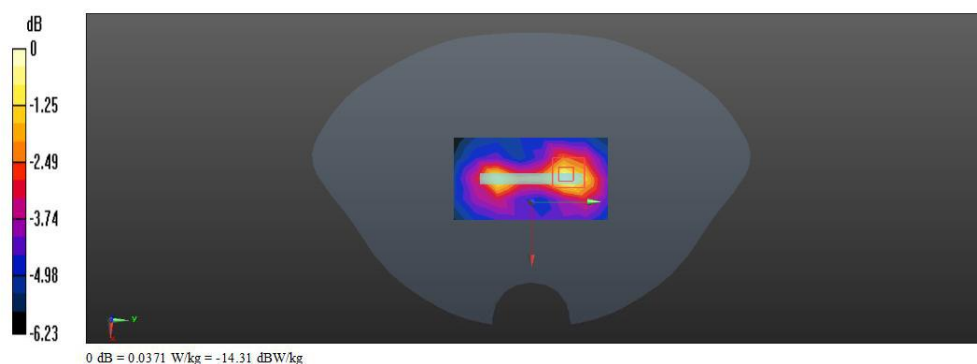
**Bottom Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.181 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0580 W/kg

**SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.018 W/kg**

Maximum value of SAR (measured) = 0.0463 W/kg



Date/Time: 04/16/2015 06:27:19

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Body Back SIM 2**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 10mm/ALE-L04/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

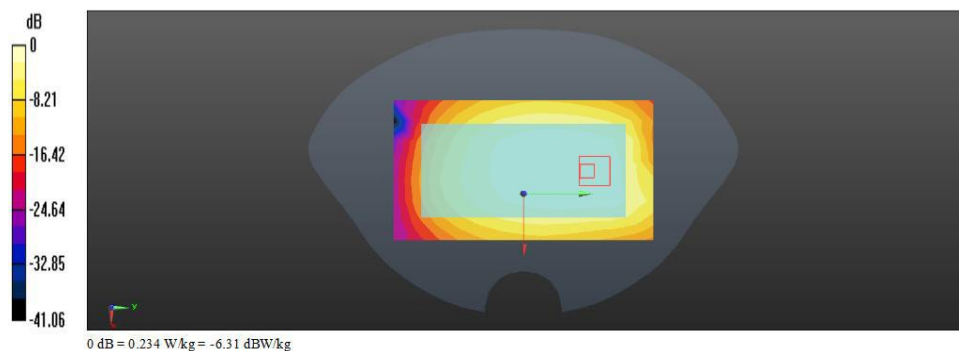
**Back Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 14.223 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.302 W/kg

**SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.137 W/kg**

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



Date/Time: 04/16/2015 06:56:31

Test Laboratory: BTL Inc.

**Smart phone Huawei ALE-L04 LTE Band 17 1RB Body Back Battery 2#**

**DUT: Smart phone ; Type: ALE-L04; Serial: NA**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 55.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.25, 10.25, 10.25); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: SAM 1; Type: SAM; Serial: 1784
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 10mm/ALE-L04/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.182 W/kg

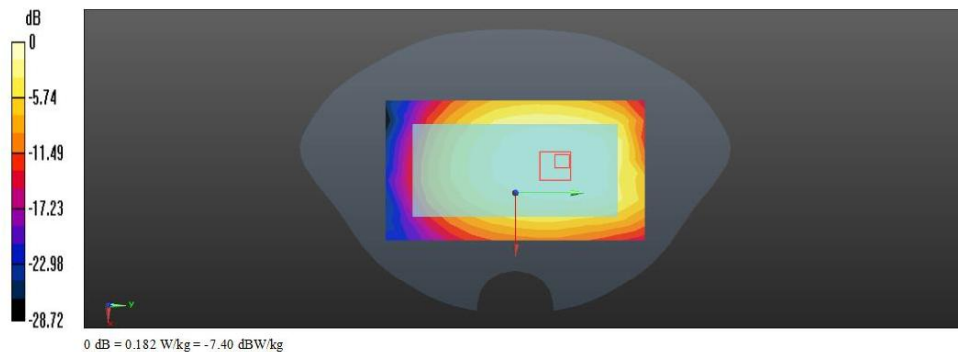
**Back Side 10mm/ALE-L04/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.542 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.229 W/kg

**SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.131 W/kg**

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



## **Appendix C**

**Calibration Certificate:**

**Please reference next page.**