

## APPENDIX A: SAR TEST DATA

# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 07356**

Communication System: UID 0, GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium: 835 Head; Medium parameters used (interpolated):  
 $f = 836.6$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 39.602$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section; Space: 0.0 cm

Test Date: 06/06/2021; Ambient Temp: 21.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7526; ConvF(9.16, 9.16, 9.16) @ 836.6 MHz; Calibrated: 3/16/2021  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1272; Calibrated: 3/18/2021  
Phantom: SAM Left; Type: QD000P40CC; Serial: TP: 1375  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: GSM 850, Left Head, Cheek, Mid.ch**

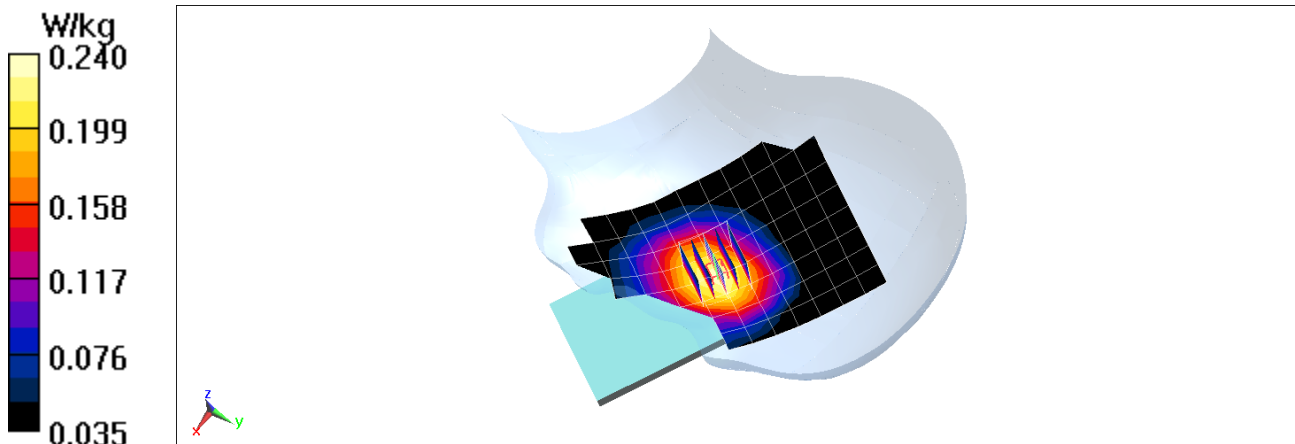
**Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.03 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.260 W/kg

**SAR(1 g) = 0.203 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 07356**

Communication System: UID:10021-DAC, GSM; MAIA: Y; Frequency: 1909.8 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1909.8$  MHz;  $\text{cond} = 1.46$  S/m;  $\text{perm} = 38.3$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Left Head; Space: 0.0 cm

Test Date: 06/08/2021; Ambient Temp: 21.7°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7526; ConvF:(7.47,7.47,7.47); Calibrated: 2021-03-16

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V5.0 (left); Serial: 1758

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: GSM 1900, Left Head, Cheek, High.Ch**

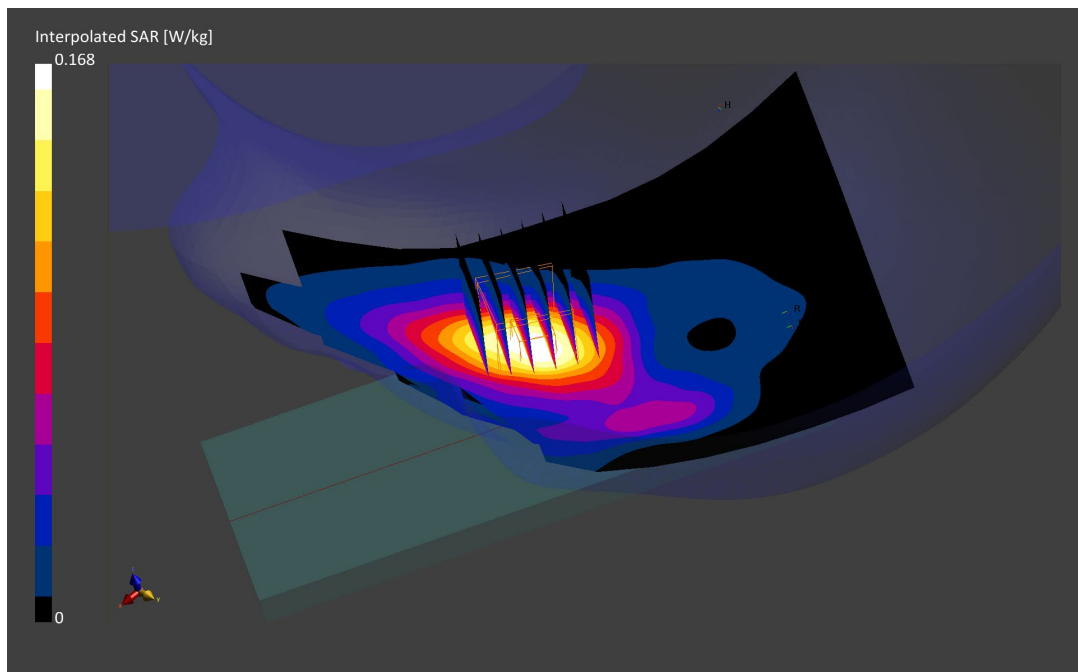
**Area Scan (120.0 x 210.0):** Measurement grid:  $dx=15.0$ mm,  $dy=15.0$ mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=6.0$ mm,  $dy=6.0$ mm,  $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.11 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.168 W/kg

**SAR(1 g) = 0.104 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 07356**

Communication System: UID 0, UMTS; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium: 835 Head; Medium parameters used (interpolated):  
 $f = 836.6$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 39.602$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section; Space: 0.0 cm

Test Date: 06/06/2021; Ambient Temp: 21.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7526; ConvF(9.16, 9.16, 9.16) @ 836.6 MHz; Calibrated: 3/16/2021  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1272; Calibrated: 3/18/2021  
Phantom: SAM Left; Type: QD000P40CC; Serial: TP: 1375  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: UMTS 850, Left Head, Cheek, Mid.ch**

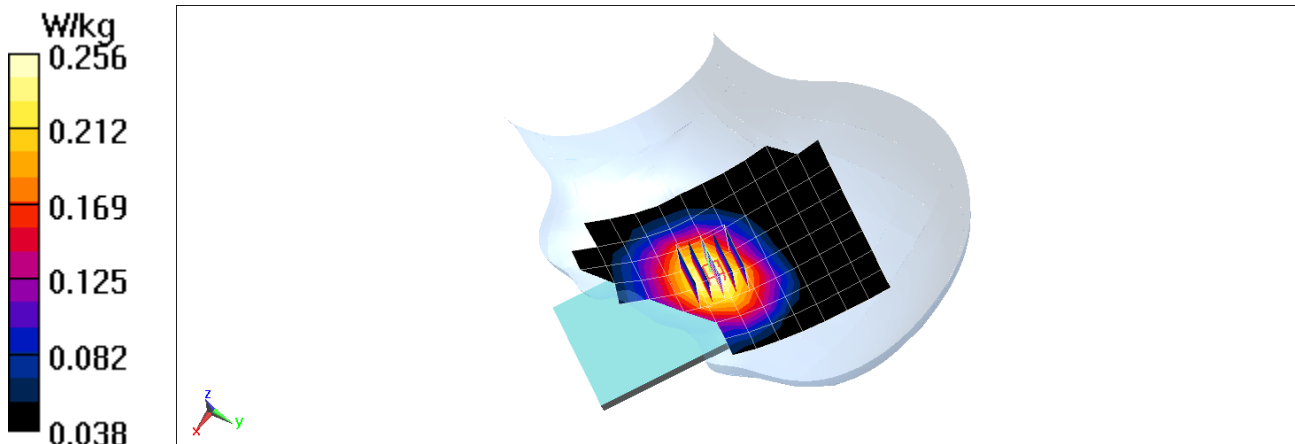
**Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.42 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.277 W/kg

**SAR(1 g) = 0.215 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06267**

Communication System: UID:10011-CCCAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1712.4$  MHz;  $\text{cond} = 1.37$  S/m;  $\text{perm} = 40.5$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Left Head; Space: 0.0 cm

Test Date: 06/06/2021; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7539; ConvF:(8.52,8.52,8.52); Calibrated: 2020-10-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2021-03-10

Phantom: Twin-SAM V5.0 (Left); Serial: 1630

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: UMTS 1750, Left Head, Cheek, Low.Ch**

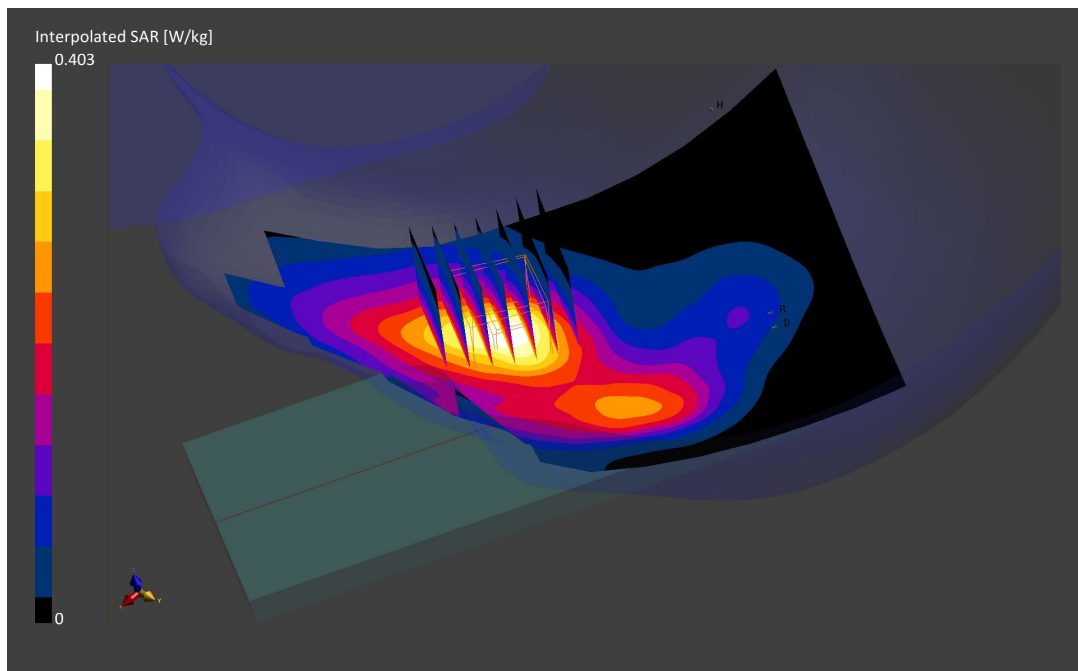
**Area Scan (120.0 x 210.0):** Measurement grid:  $dx=15.0$ mm,  $dy=15.0$ mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=6.0$ mm,  $dy=6.0$ mm,  $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.32 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.403 W/kg

**SAR(1 g) = 0.279 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 07356**

Communication System: UID:10011-CCCAB, WCDMA; MAIA: Y; Frequency: 1907.6 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1907.6$  MHz;  $\text{cond} = 1.46$  S/m;  $\text{perm} = 38.4$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Left Head; Space: 0.0 cm

Test Date: 06/08/2021; Ambient Temp: 21.7°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7526; ConvF:(7.47,7.47,7.47); Calibrated: 2021-03-16

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V5.0 (left); Serial: 1758

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: UMTS 1900, Left Head, Cheek, High.Ch**

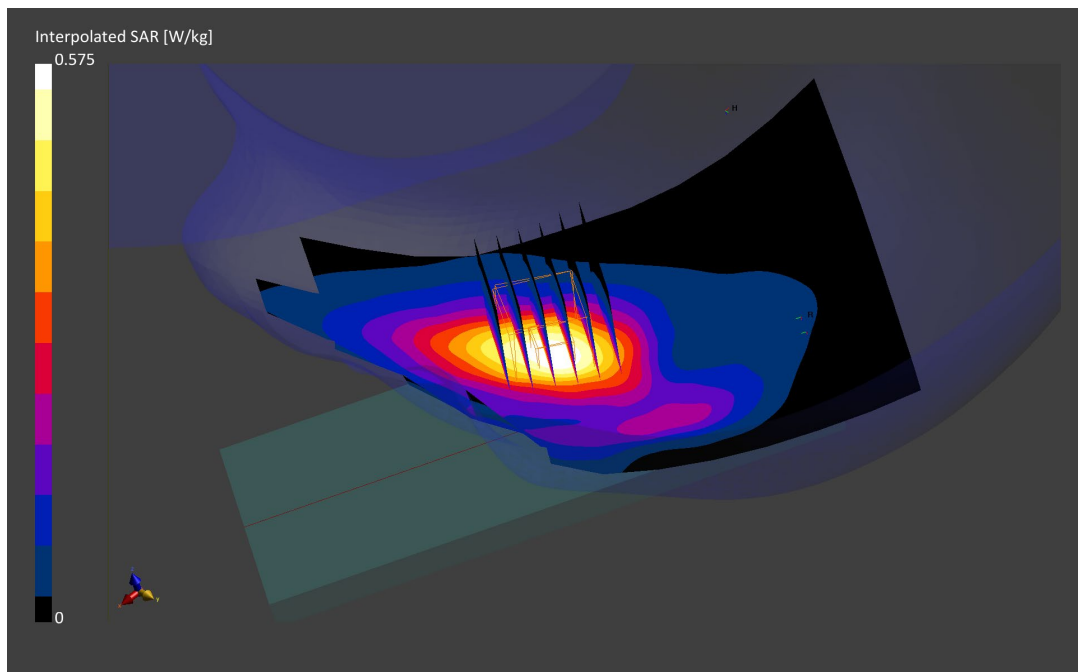
**Area Scan (120.0 x 210.0):** Measurement grid:  $dx=15.0$ mm,  $dy=15.0$ mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=6.0$ mm,  $dy=6.0$ mm,  $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.40 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.575 W/kg

**SAR(1 g) = 0.371 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06655**

Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: 750 Head; Medium parameters used (interpolated):  
 $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.899 \text{ S/m}$ ;  $\epsilon_r = 41.4$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section; Space: 0.0 cm

Test Date: 06/08/2021; Ambient Temp: 23.8°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7357; ConvF(10.18, 10.18, 10.18) @ 707.5 MHz; Calibrated: 4/19/2021  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1407; Calibrated: 4/7/2021  
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 12, Right Head, Cheek, Mid.ch,  
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset**

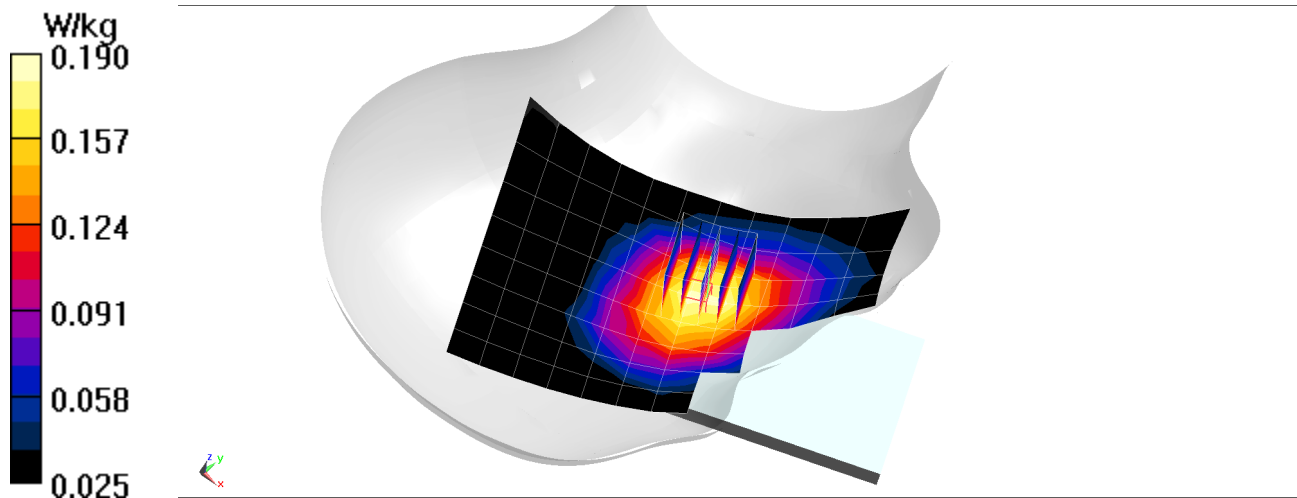
**Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.12 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.205 W/kg

**SAR(1 g) = 0.162 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 07356**

Communication System: UID 0, LTE Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: 835 Head; Medium parameters used (interpolated):  
 $f = 831.5$  MHz;  $\sigma = 0.919$  S/m;  $\epsilon_r = 39.611$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section; Space: 0.0 cm

Test Date: 06/06/2021; Ambient Temp: 21.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7526; ConvF(9.16, 9.16, 9.16) @ 831.5 MHz; Calibrated: 3/16/2021  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1272; Calibrated: 3/18/2021  
Phantom: SAM Left; Type: QD000P40CC; Serial: TP: 1375  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 26 (Cell.), Right Head, Cheek, Mid.ch,  
15 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

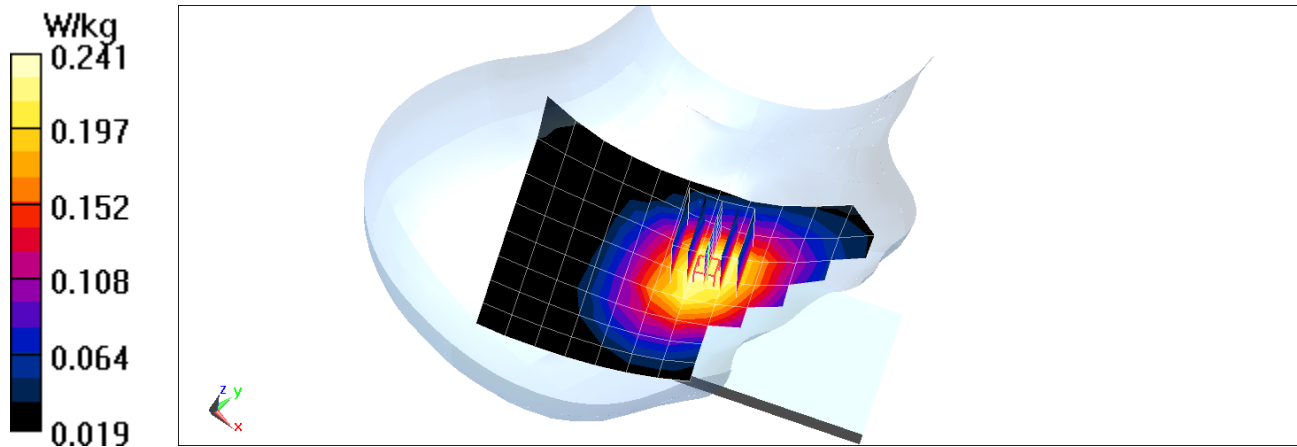
**Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.22 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.265 W/kg

**SAR(1 g) = 0.200 W/kg**





# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06267**

Communication System: UID:10169-CCCAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Head; Medium parameters used:

f = 1720.0 MHz; cond = 1.38 S/m; perm = 40.4; density = 1000 kg/m<sup>3</sup>

Phantom Section: Left Head; Space: 0.0 cm

Test Date: 06/06/2021; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7539; ConvF:(8.52,8.52,8.52); Calibrated: 2020-10-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2021-03-10

Phantom: Twin-SAM V5.0 (Left); Serial: 1630

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 66 (AWS), Left Head, Cheek, Low.ch,  
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

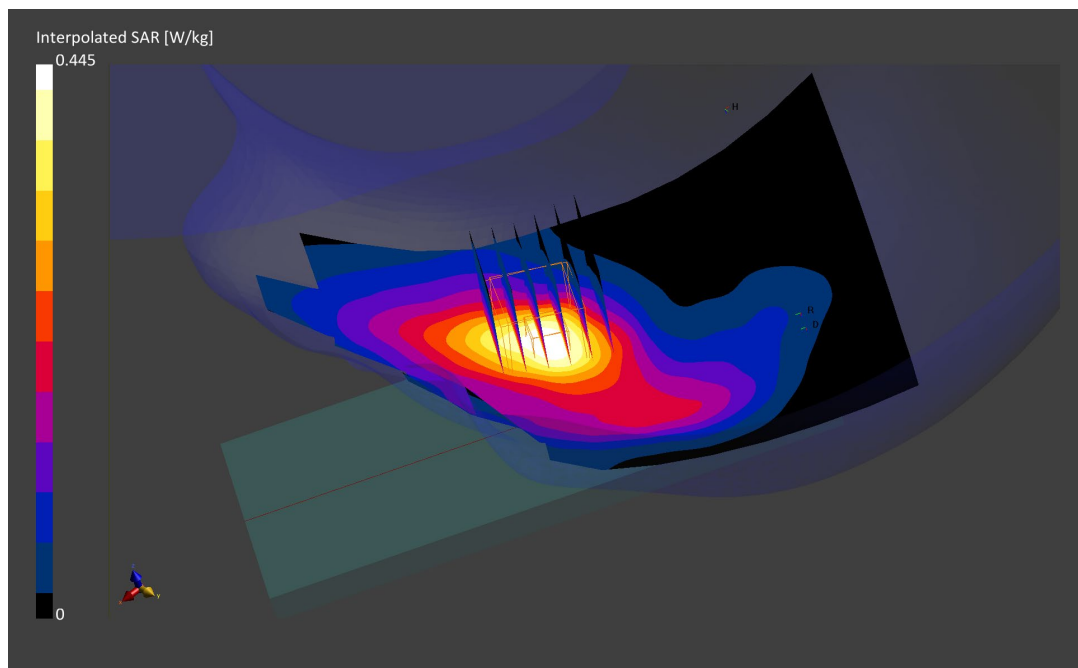
**Area Scan (120.0 x 210.0):** Measurement grid: dx=15.0mm, dy=15.0mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid: dx=6.0mm, dy=6.0mm, dz=1.5mm; Graded Ratio: 1.5

Reference Value = 0.36 W/kg; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.445 W/kg

**SAR(1 g) = 0.304 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 07356**

Communication System: UID:10169-CCCAE, LTE-FDD; MAIA: Y; Frequency: 1900.0 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1900.0$  MHz;  $\text{cond} = 1.46$  S/m;  $\text{perm} = 38.4$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Left Head; Space: 0.0 cm

Test Date: 06/08/2021; Ambient Temp: 21.7°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7526; ConvF:(7.47,7.47,7.47); Calibrated: 2021-03-16

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V5.0 (left); Serial: 1758

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 2, Left Head, Cheek, High.Ch,  
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

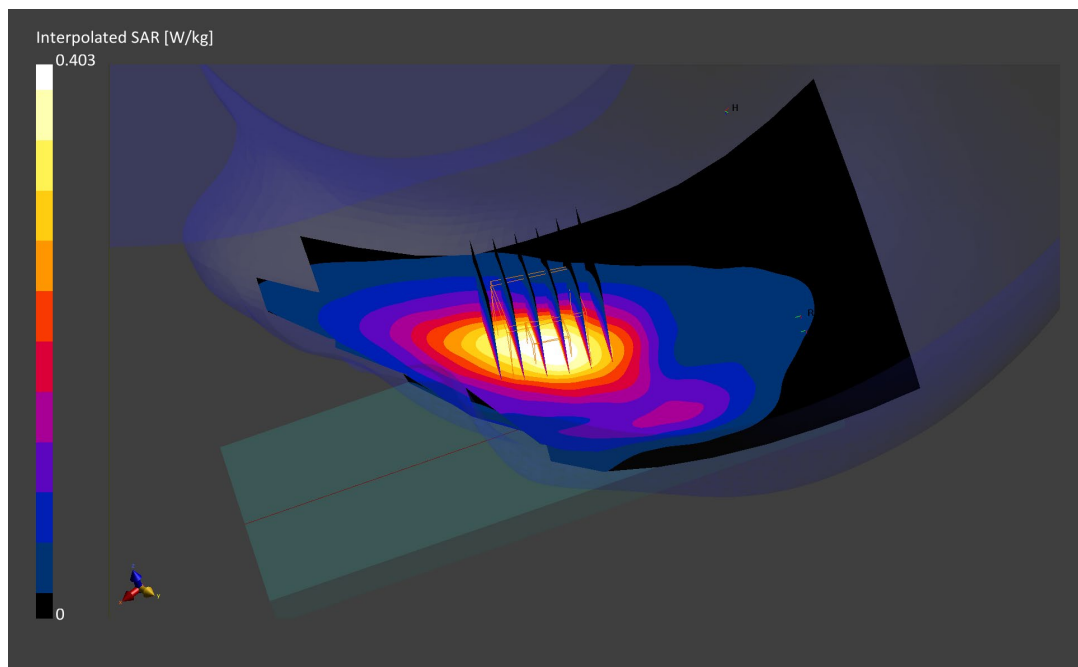
**Area Scan (120.0 x 210.0):** Measurement grid:  $dx=15.0$ mm,  $dy=15.0$ mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=6.0$ mm,  $dy=6.0$ mm,  $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.29 W/kg; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.403 W/kg

**SAR(1 g) = 0.263 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06481**

Communication System: UID 0, LTE Band 41 (Class 3); Frequency: 2680 MHz; Duty Cycle: 1:1.58

Medium: 2450 Head; Medium parameters used:

$f = 2680$  MHz;  $\sigma = 1.995$  S/m;  $\epsilon_r = 36.992$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section; Space: 0.0 cm

Test Date: 07/07/2021; Ambient Temp: 25.0°C; Tissue Temp: 24.0°C

Probe: EX3DV4 - SN7571; ConvF(7.05, 7.05, 7.05) @ 2680 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 41, Right Head, Cheek, High.ch,  
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

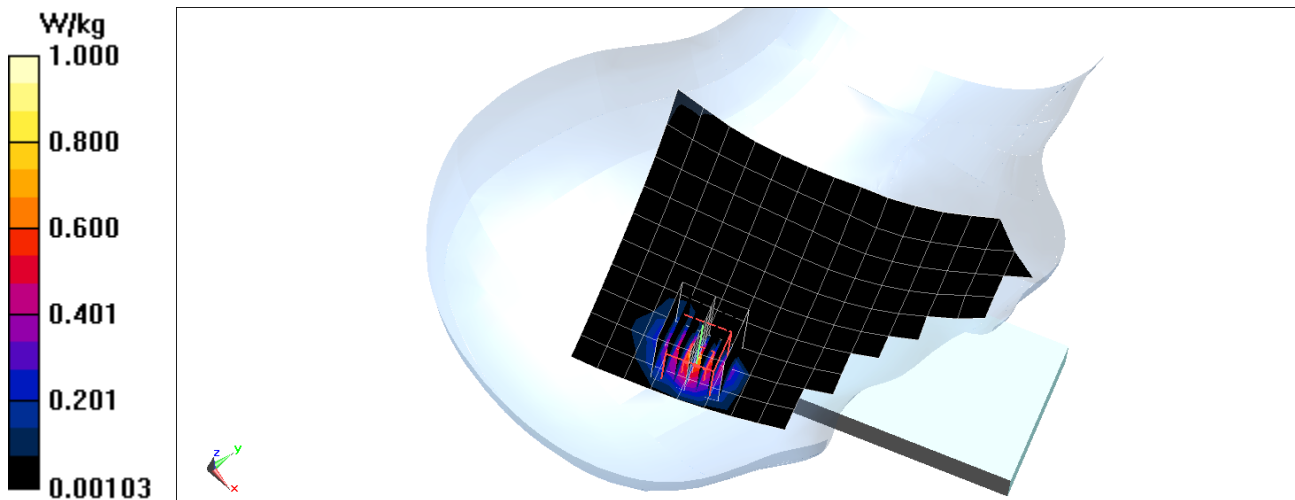
**Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 18.83 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.537 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 07356**

Communication System: UID:10415-AAA, WLAN; MAIA: Y; Frequency: 2462.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2462.0$  MHz;  $\text{cond} = 1.86$  S/m;  $\text{perm} = 38.8$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Right Head; Space: 0.0 cm

Test Date: 06/14/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7526; ConvF:(7.29,7.29,7.29); Calibrated: 2021-03-16

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V5.0 (left); Serial: 1758

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: IEEE 802.11b, 22 MHz Bandwidth,  
Right Head, Cheek, Ch.11, 1 Mbps**

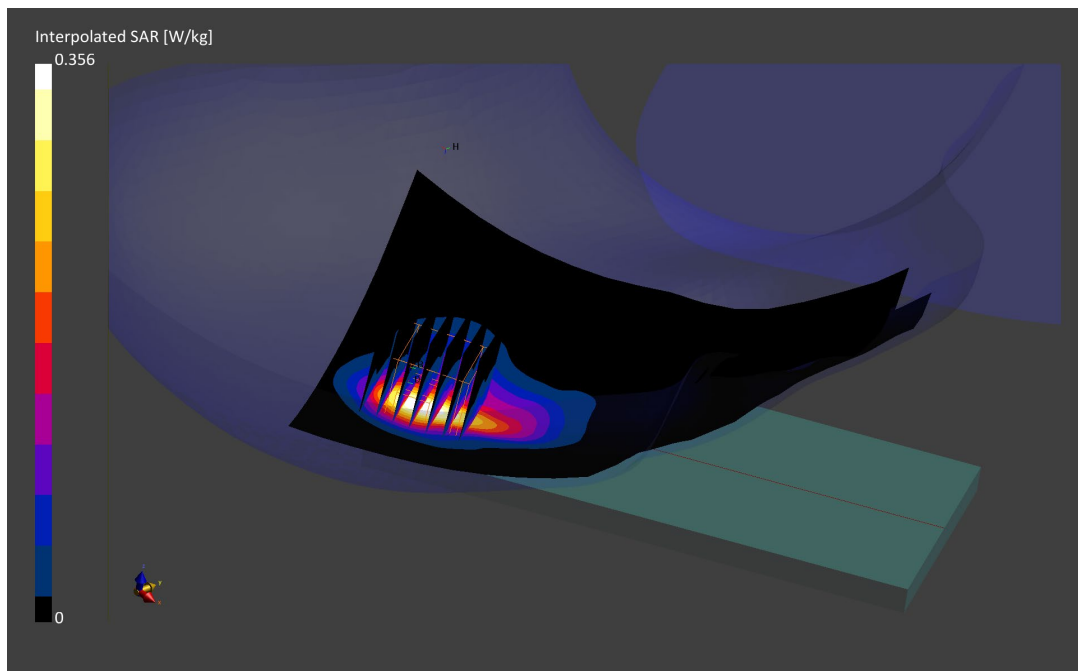
**Area Scan (120.0 x 200.0):** Measurement grid:  $dx=10.0$ mm,  $dy=10.0$ mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=5.0$ mm,  $dy=5.0$ mm,  $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.16 W/kg; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.356 W/kg

**SAR(1 g) = 0.165 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 07356**

Communication System: UID:10032-CCCAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2480.0 MHz; cond = 1.88 S/m; perm = 38.7; density = 1000 kg/m<sup>3</sup>

Phantom Section: Right Head; Space: 0.0 cm

Test Date: 06/14/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7526; ConvF:(7.29,7.29,7.29); Calibrated: 2021-03-16

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V5.0 (left); Serial: 1758

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: Bluetooth, Right Head, Cheek, Ch. 78, 1 Mbps**

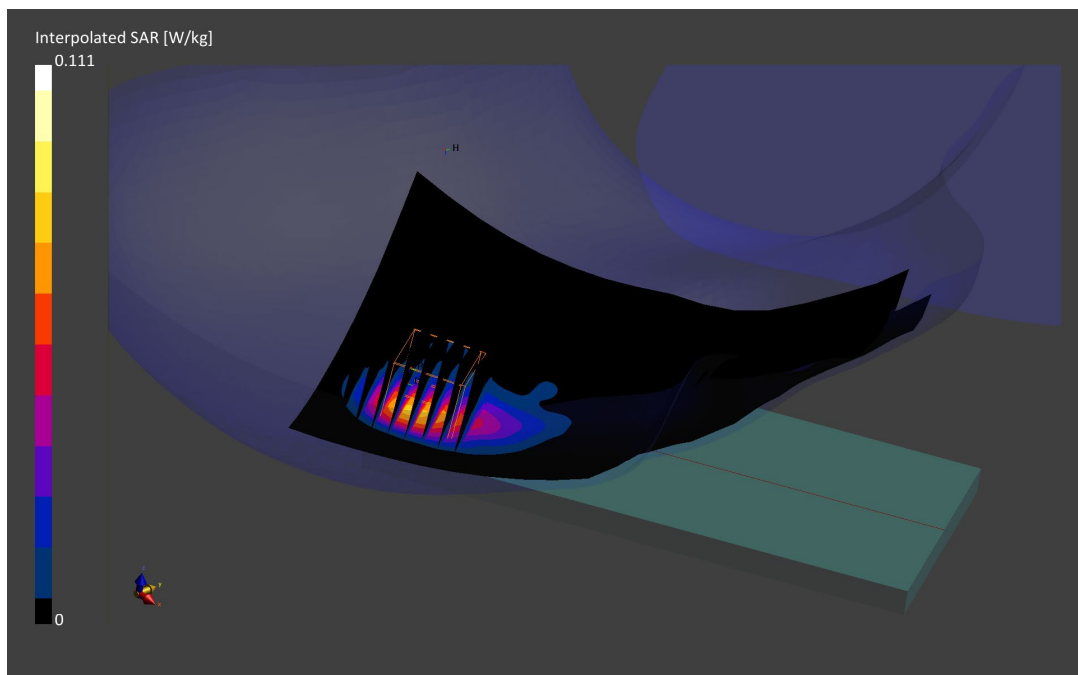
**Area Scan (120.0 x 200.0):** Measurement grid: dx=10.0mm, dy=10.0mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5

Reference Value = 0.07 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.108 W/kg

**SAR(1 g) = 0.057 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 04650**

Communication System: UID 0, GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium: 835 Body; Medium parameters used (interpolated):  
 $f = 836.6$  MHz;  $\sigma = 0.96$  S/m;  $\epsilon_r = 52.77$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 06/06/2021; Ambient Temp: 22.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 836.6 MHz; Calibrated: 7/31/2020  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020  
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: GSM 850, Body SAR, Back side, Mid.ch**

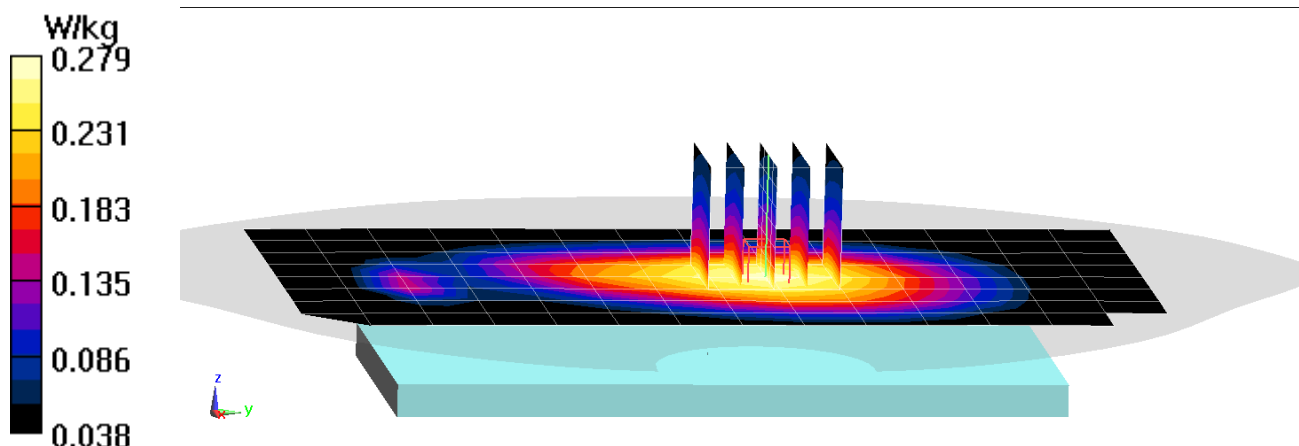
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan 1 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.33 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.312 W/kg

**SAR(1 g) = 0.221 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 04650**

Communication System: UID 0, GSM GPRS; 3 Tx slots; Frequency: 848.8 MHz; Duty Cycle: 1:2.76  
Medium: 835 Body; Medium parameters used (interpolated):  
 $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.974 \text{ S/m}$ ;  $\epsilon_r = 52.633$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 06/06/2021; Ambient Temp: 22.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 848.8 MHz; Calibrated: 7/31/2020  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020  
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: GPRS 850, Body SAR, Back side, High.ch, 3 Tx Slots**

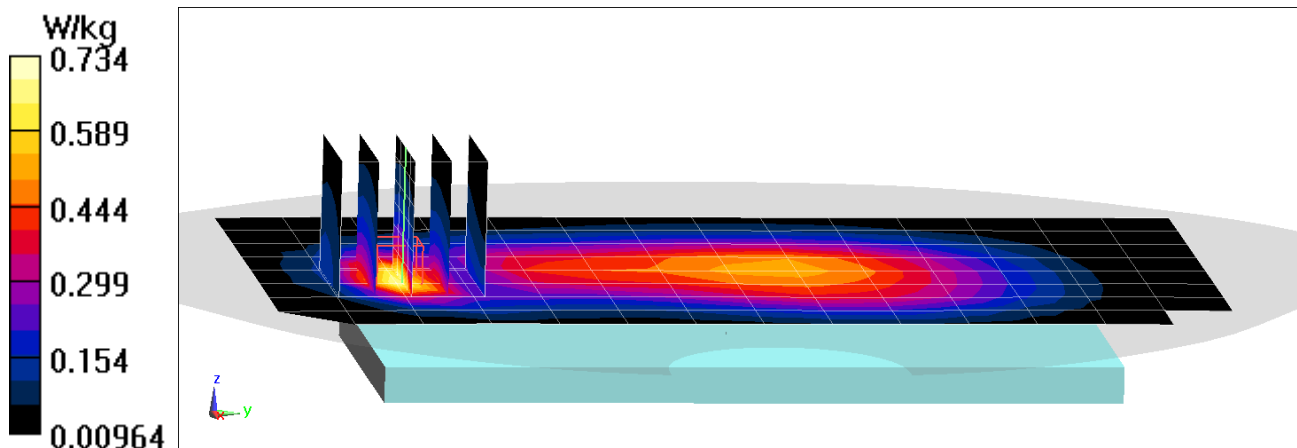
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 22.52 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.892 W/kg

**SAR(1 g) = 0.464 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 07356**

Communication System: UID 0, GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 Body; Medium parameters used:

$f = 1910$  MHz;  $\sigma = 1.552$  S/m;  $\epsilon_r = 52.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 06/15/2021; Ambient Temp: 23.8°C; Tissue Temp: 24.4°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1909.8 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: GSM 1900, Body SAR, Back side, High.ch**

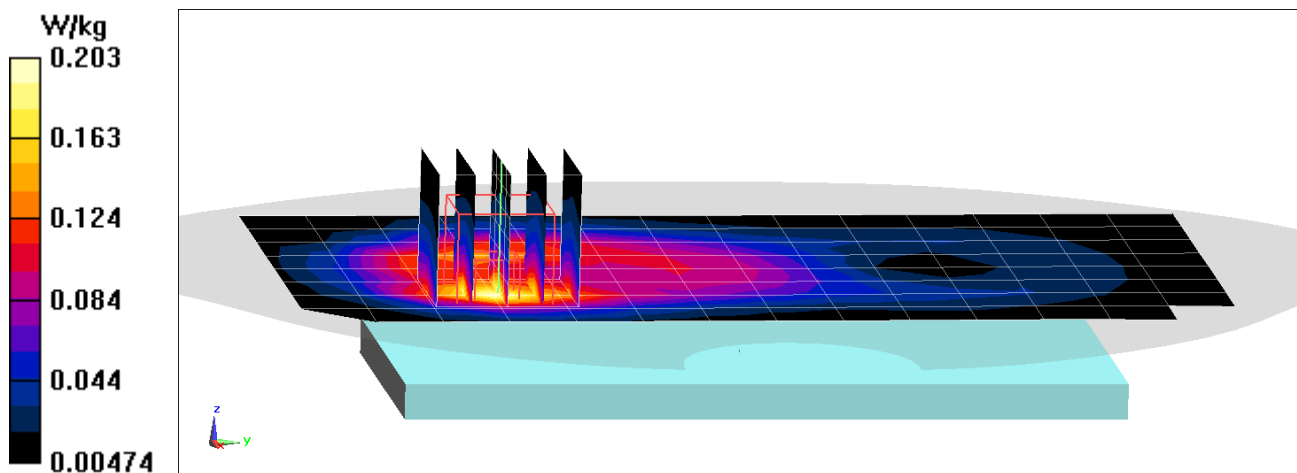
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 9.983 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.239 W/kg

**SAR(1 g) = 0.139 W/kg**





# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 07356**

Communication System: UID 0, GSM GPRS; 3 Tx slots; Frequency: 1909.8 MHz; Duty Cycle: 1:2.76

Medium: 1900 Body; Medium parameters used:

$f = 1910$  MHz;  $\sigma = 1.552$  S/m;  $\epsilon_r = 52.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 06/15/2021; Ambient Temp: 23.8°C; Tissue Temp: 24.4°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1909.8 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: GPRS 1900, Body SAR, Back side, High.ch, 3 Tx Slots**

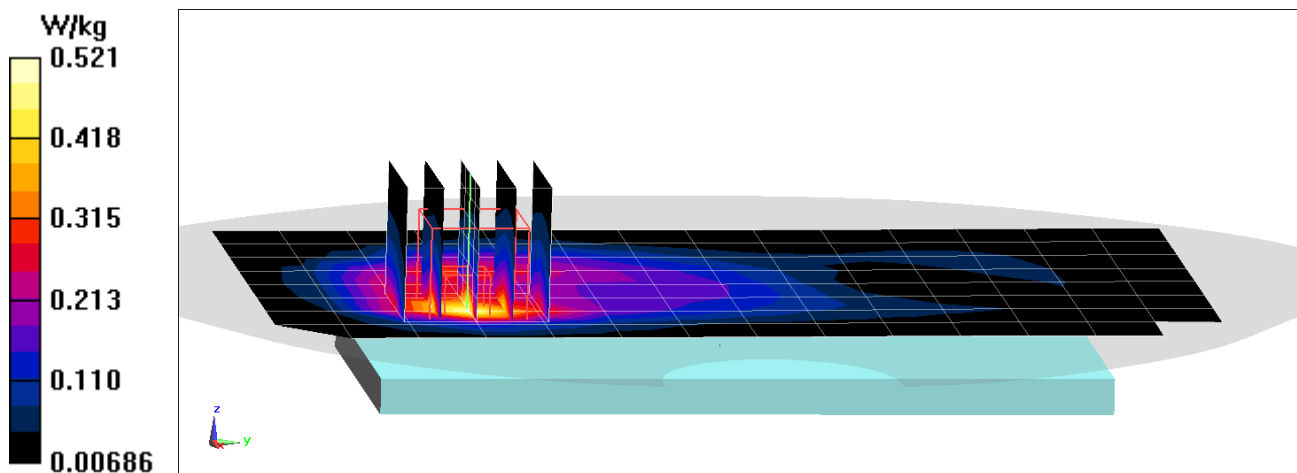
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan 1 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.74 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.617 W/kg

**SAR(1 g) = 0.341 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 04650**

Communication System: UID 0, UMTS; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium: 835 Body; Medium parameters used (interpolated):  
 $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.96 \text{ S/m}$ ;  $\epsilon_r = 52.77$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 06/06/2021; Ambient Temp: 22.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 836.6 MHz; Calibrated: 7/31/2020  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020  
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: UMTS 850, Body SAR, Back side, Mid.ch**

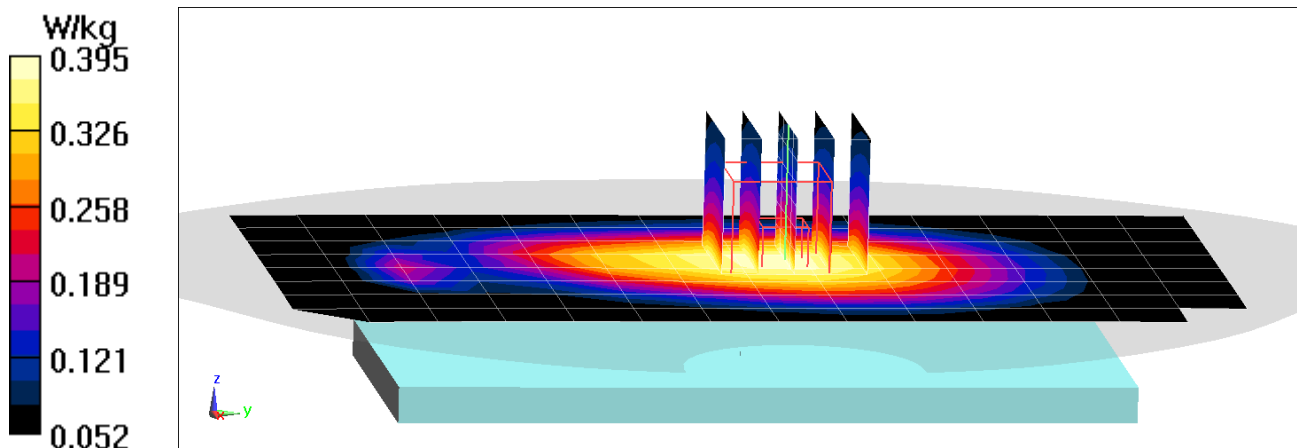
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.25 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.444 W/kg

**SAR(1 g) = 0.315 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 04650**

Communication System: UID 0, UMTS; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium: 835 Body; Medium parameters used (interpolated):  
 $f = 836.6$  MHz;  $\sigma = 0.96$  S/m;  $\epsilon_r = 52.77$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 06/06/2021; Ambient Temp: 22.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 836.6 MHz; Calibrated: 7/31/2020  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020  
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: UMTS 850, Body SAR, Back side, Mid.ch**

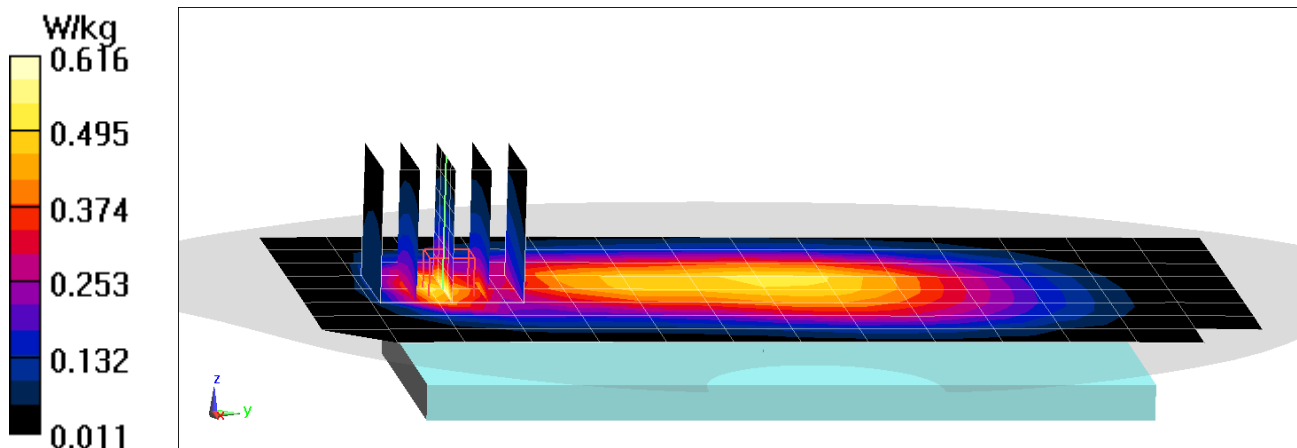
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 21.37 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.762 W/kg

**SAR(1 g) = 0.399 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06507**

Communication System: UID:10011-CCCAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz

Medium: 1750 Body; Medium parameters used:

$f = 1712.4$  MHz;  $\text{cond} = 1.45$  S/m;  $\text{perm} = 53.5$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 1.5 cm

Test Date: 06/06/2021; Ambient Temp: 22.9°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7539; ConvF:(8.16,8.16,8.16); Calibrated: 2020-10-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2021-03-10

Phantom: Twin-SAM V8.0 (Right); Serial: 1966

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: UMTS 1750, Body SAR. Back side, Low. ch**

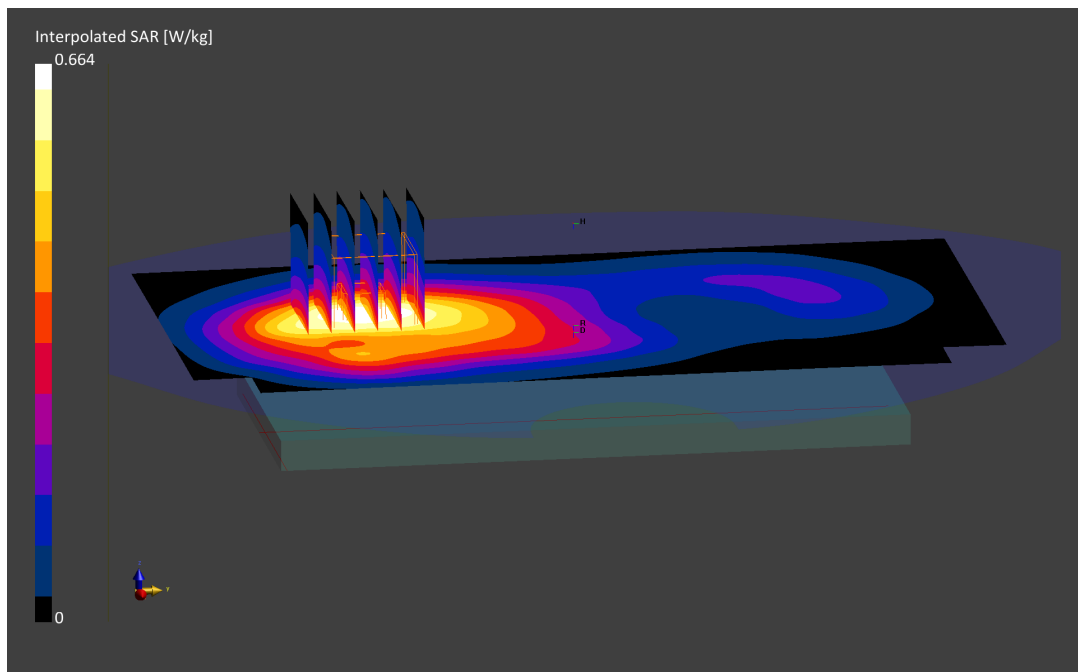
**Area Scan (120.0 x 210.0):** Measurement grid:  $dx=15.0$ mm,  $dy=15.0$ mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=6.0$ mm,  $dy=6.0$ mm,  $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.50 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.664 W/kg

**SAR(1 g) = 0.443 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06507**

Communication System: UID 0, UMTS; Frequency: 1732.4 MHz; Duty Cycle: 1:1  
Medium: 1750 Body; Medium parameters used (interpolated):  
 $f = 1732.4$  MHz;  $\sigma = 1.522$  S/m;  $\epsilon_r = 50.956$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 06/20/2021; Ambient Temp: 22.0°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1732.4 MHz; Calibrated: 7/31/2020  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020  
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: UMTS 1750, Body SAR, Back side, Mid.ch**

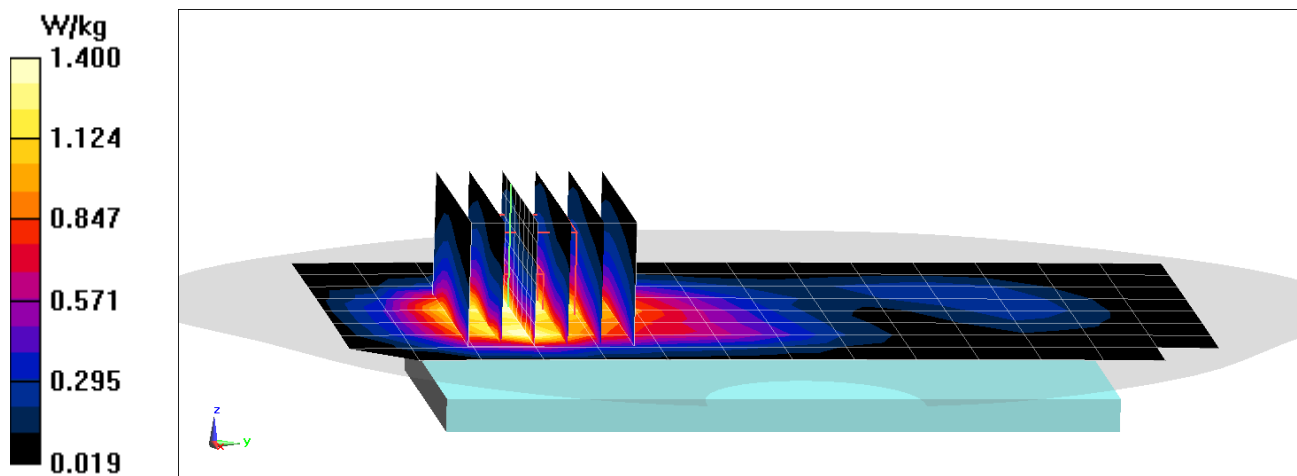
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan 1 (9x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.96 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.910 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 07356**

Communication System: UID 0, UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: 1900 Body; Medium parameters used (interpolated):  
 $f = 1907.6$  MHz;  $\sigma = 1.55$  S/m;  $\epsilon_r = 52.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 06/15/2021; Ambient Temp: 23.8°C; Tissue Temp: 24.4°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1907.6 MHz; Calibrated: 7/20/2020  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1322; Calibrated: 7/15/2020  
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: UMTS 1900, Body SAR, Back side, High.ch**

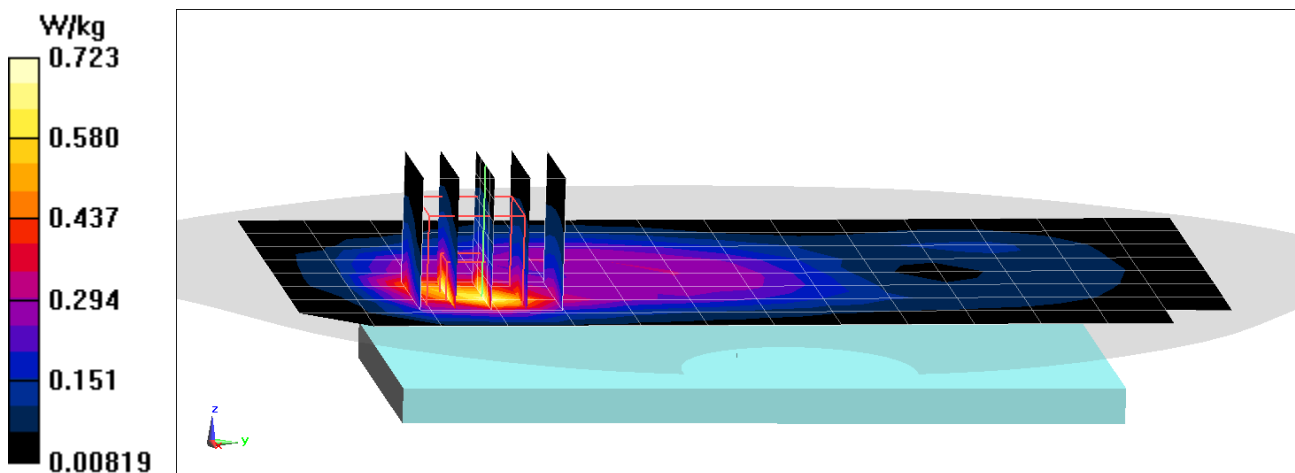
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.58 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.936 W/kg

**SAR(1 g) = 0.505 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06655**

Communication System: UID 0, UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: 1900 Body; Medium parameters used (interpolated):  
 $f = 1907.6$  MHz;  $\sigma = 1.541$  S/m;  $\epsilon_r = 52.071$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 06/24/2021; Ambient Temp: 22.6°C; Tissue Temp: 24.0°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1907.6 MHz; Calibrated: 7/20/2020  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1322; Calibrated: 7/15/2020  
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: UMTS 1900, Body SAR, Back side, High.ch**

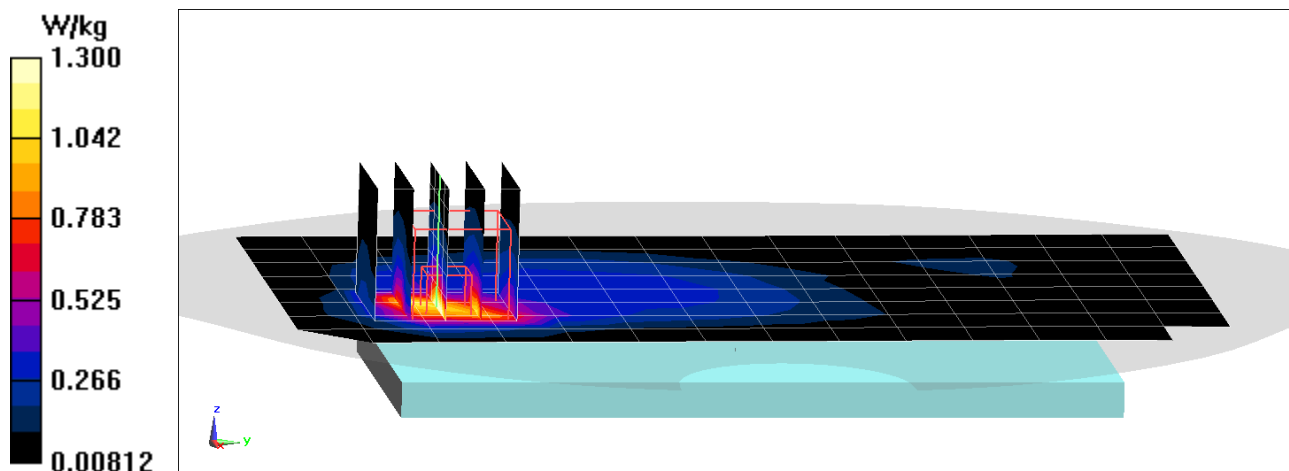
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan 1 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.48 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.91 W/kg

**SAR(1 g) = 0.917 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06655**

Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: 750 Body; Medium parameters used (interpolated):  
 $f = 707.5$  MHz;  $\sigma = 0.967$  S/m;  $\epsilon_r = 54.779$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/31/2021; Ambient Temp: 23.8°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7357; ConvF(10.29, 10.29, 10.29) @ 707.5 MHz; Calibrated: 4/19/2021  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1407; Calibrated: 4/7/2021  
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 12, Body SAR, Back side, Mid.ch,  
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset**

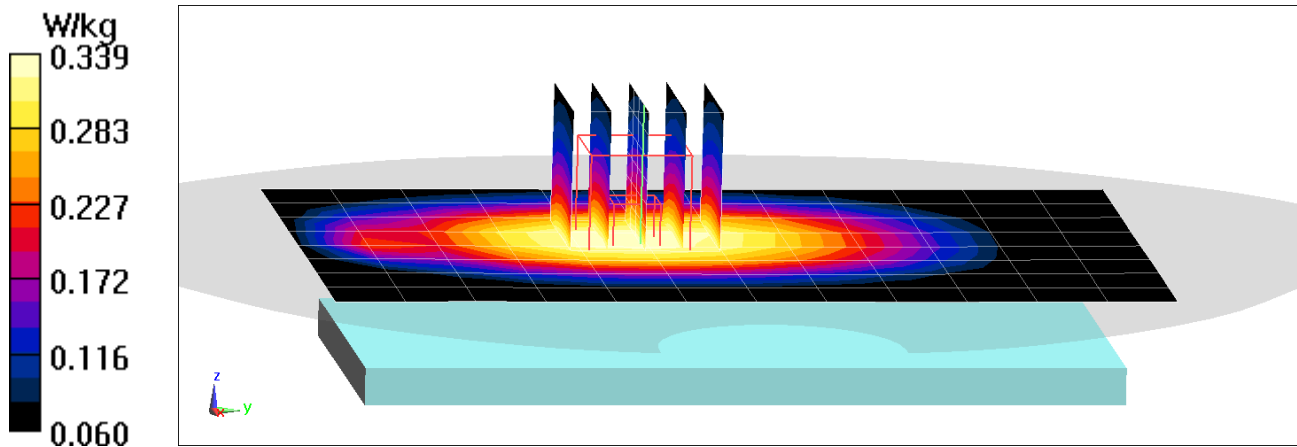
**Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.13 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.374 W/kg

**SAR(1 g) = 0.279 W/kg**





# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06655**

Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: 750 Body; Medium parameters used (interpolated):  
 $f = 707.5$  MHz;  $\sigma = 0.967$  S/m;  $\epsilon_r = 54.779$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 05/31/2021; Ambient Temp: 23.8°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7357; ConvF(10.29, 10.29, 10.29) @ 707.5 MHz; Calibrated: 4/19/2021  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1407; Calibrated: 4/7/2021  
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 12, Body SAR, Back side, Mid.ch,  
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset**

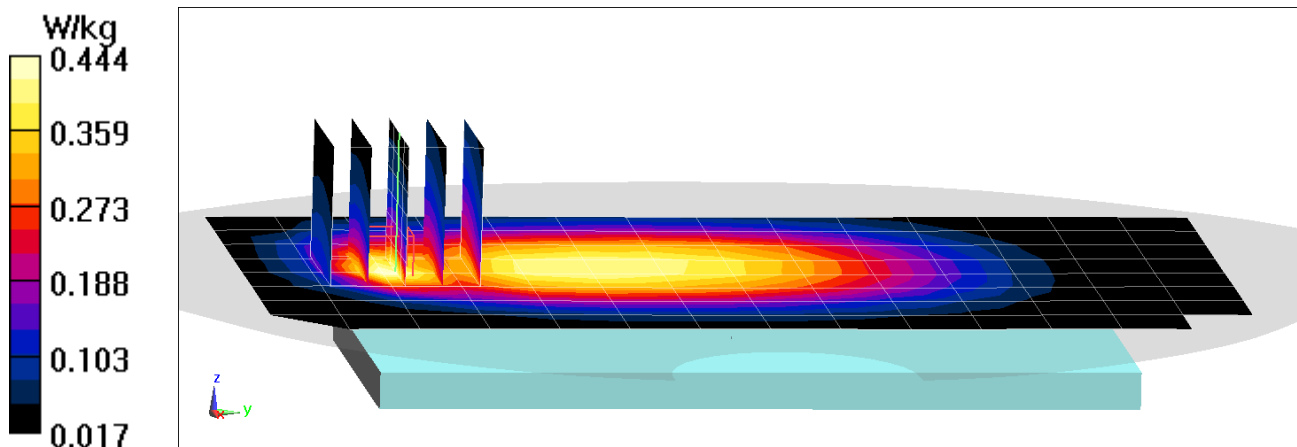
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.17 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.537 W/kg

**SAR(1 g) = 0.301 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06655**

Communication System: UID 0, LTE Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: 835 Body; Medium parameters used (interpolated):  
 $f = 831.5$  MHz;  $\sigma = 0.954$  S/m;  $\epsilon_r = 52.826$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 06/06/2021; Ambient Temp: 22.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 831.5 MHz; Calibrated: 7/31/2020  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020  
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 26 (Cell.), Body SAR, Back side, Mid.ch,  
15 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

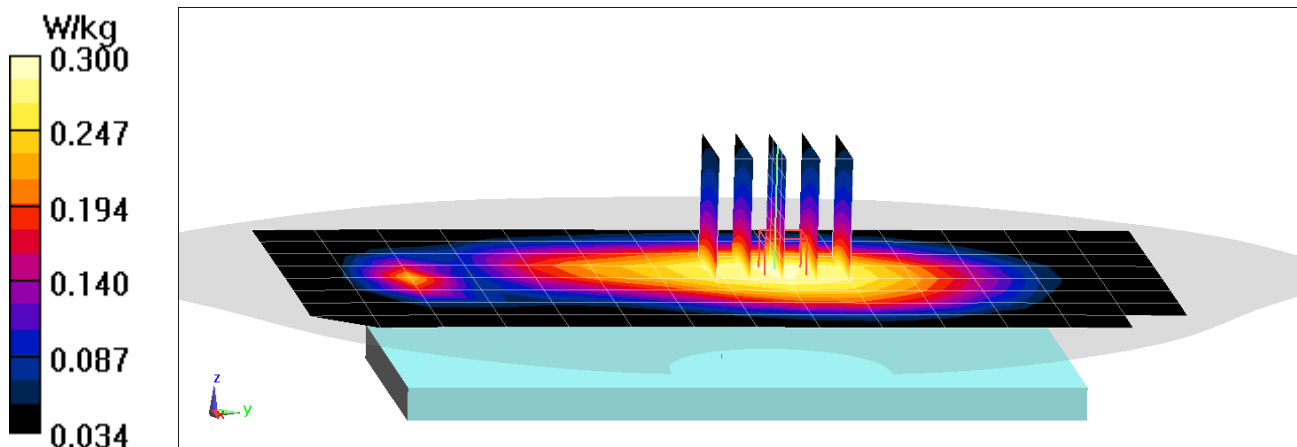
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.80 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.339 W/kg

**SAR(1 g) = 0.237 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06655**

Communication System: UID 0, LTE Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: 835 Body; Medium parameters used (interpolated):  
 $f = 831.5$  MHz;  $\sigma = 0.954$  S/m;  $\epsilon_r = 52.826$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 06/06/2021; Ambient Temp: 22.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 831.5 MHz; Calibrated: 7/31/2020  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020  
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 26 (Cell.), Body SAR, Back side, Mid.ch,  
15 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

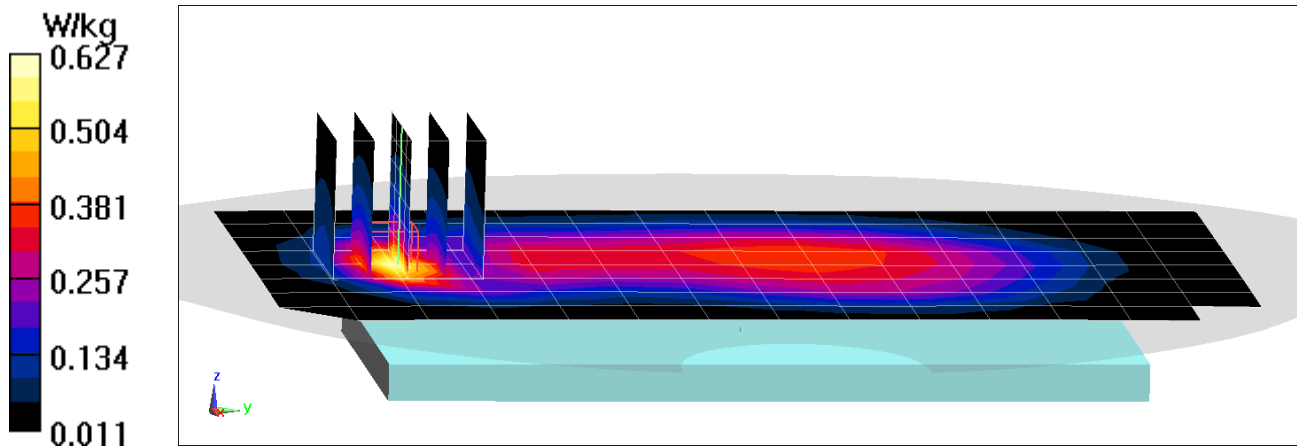
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 21.26 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.761 W/kg

**SAR(1 g) = 0.392 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06267**

Communication System: UID:10169-CCCAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Body; Medium parameters used:

f = 1720.0 MHz; cond = 1.46 S/m; perm = 53.5; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 1.5 cm

Test Date: 06/06/2021; Ambient Temp: 22.9°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7539; ConvF:(8.16,8.16,8.16); Calibrated: 2020-10-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2021-03-10

Phantom: Twin-SAM V8.0 (Right); Serial: 1966

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 66 (AWS), Body SAR, Back side, Low.ch,  
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

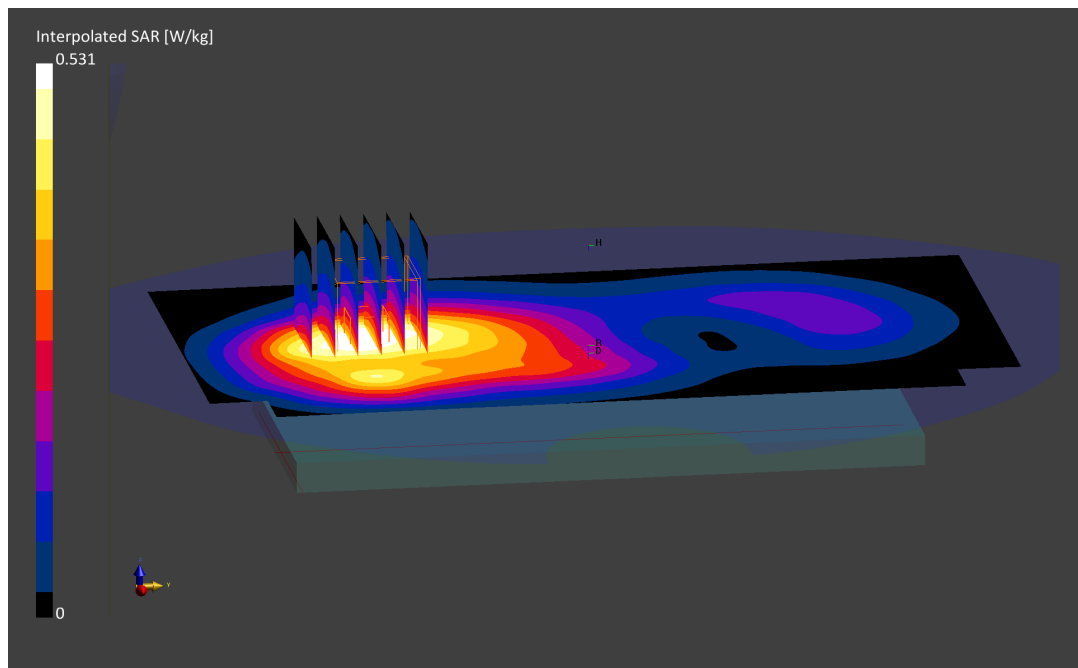
**Area Scan (120.0 x 210.0):** Measurement grid: dx=15.0mm, dy=15.0mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid: dx=6.0mm, dy=6.0mm, dz=1.5mm; Graded Ratio: 1.5

Reference Value = 0.40 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.532 W/kg

**SAR(1 g) = 0.352 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06267**

Communication System: UID 0, LTE Band 66 (AWS); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1745 \text{ MHz}$ ;  $\sigma = 1.524 \text{ S/m}$ ;  $\epsilon_r = 51.443$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 06/16/2021; Ambient Temp: 24.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1745 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 66 (AWS), Body SAR, Back side, Mid.ch,  
20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset**

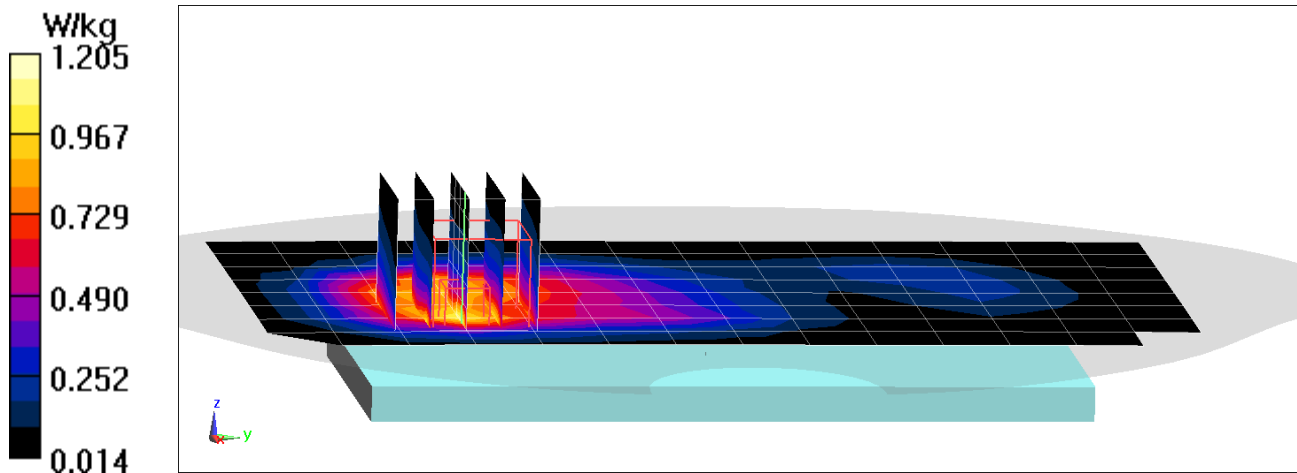
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 22.33 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.777 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 07828**

Communication System: UID 0, LTE Band 2 (PCS); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used:

$f = 1900 \text{ MHz}$ ;  $\sigma = 1.541 \text{ S/m}$ ;  $\epsilon_r = 52.431$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 06/15/2021; Ambient Temp: 23.8°C; Tissue Temp: 24.4°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1900 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 2 (PCS), Body SAR, Back side, High.ch,  
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

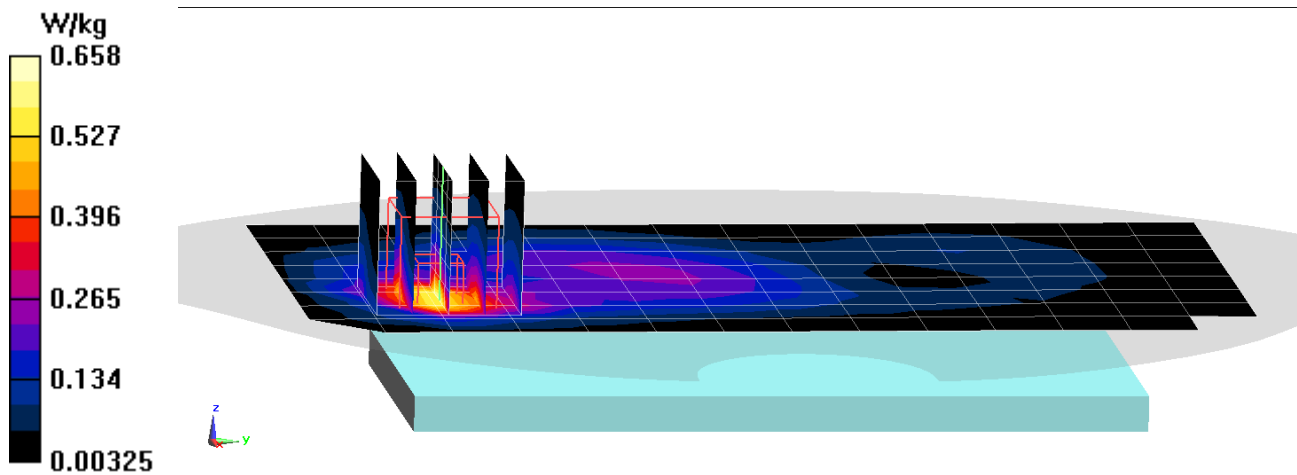
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.59 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.793 W/kg

**SAR(1 g) = 0.425 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 07828**

Communication System: UID 0, LTE Band 2 (PCS); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used:

$f = 1900 \text{ MHz}$ ;  $\sigma = 1.541 \text{ S/m}$ ;  $\epsilon_r = 52.431$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 06/15/2021; Ambient Temp: 23.8°C; Tissue Temp: 24.4°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1900 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 2 (PCS), Body SAR, Back side, High.ch,  
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

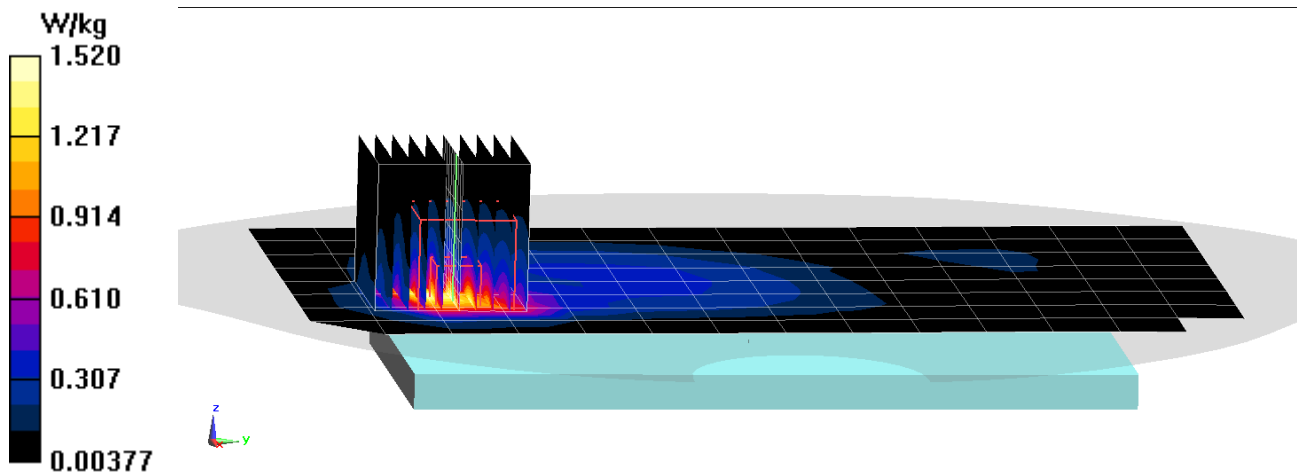
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (10x10x8)/Cube 0:** Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 29.10 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.00 W/kg

**SAR(1 g) = 0.916 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06481**

Communication System: UID:10435-AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2680.0$  MHz;  $\text{cond} = 2.31$  S/m;  $\text{perm} = 51.0$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 1.5 cm

Test Date: 07/06/2021; Ambient Temp: 23.8°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7538; ConvF:(7.25,7.25,7.25); Calibrated: 2020-11-23

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1449; Calibrated: 2020-09-10

Phantom: Twin-SAM V5.0 (Leftt); Serial: 1873

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 41, Body SAR, Back Side, High.ch,  
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

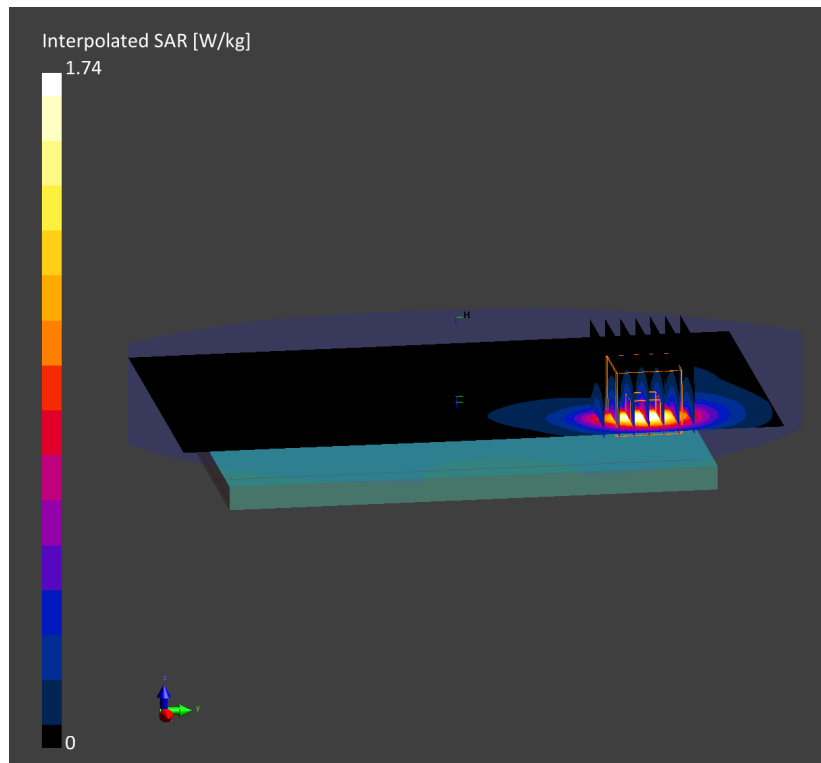
**Area Scan (120.0 x 200.0):** Measurement grid:  $dx=10.0$ mm,  $dy=10.0$ mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=5.0$ mm,  $dy=5.0$ mm,  $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 1.09 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.842 W/kg**





# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06481**

Communication System: UID:10494-AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2680.0 MHz; cond = 2.22 S/m; perm = 51.8; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 1.0 cm

Test Date: 06/14/2021; Ambient Temp: 21.3°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2021-03-10

Phantom: Twin-SAM V8.0 (Right); Serial: 1966

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 41, Body SAR, Back Side, High.ch,  
20 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

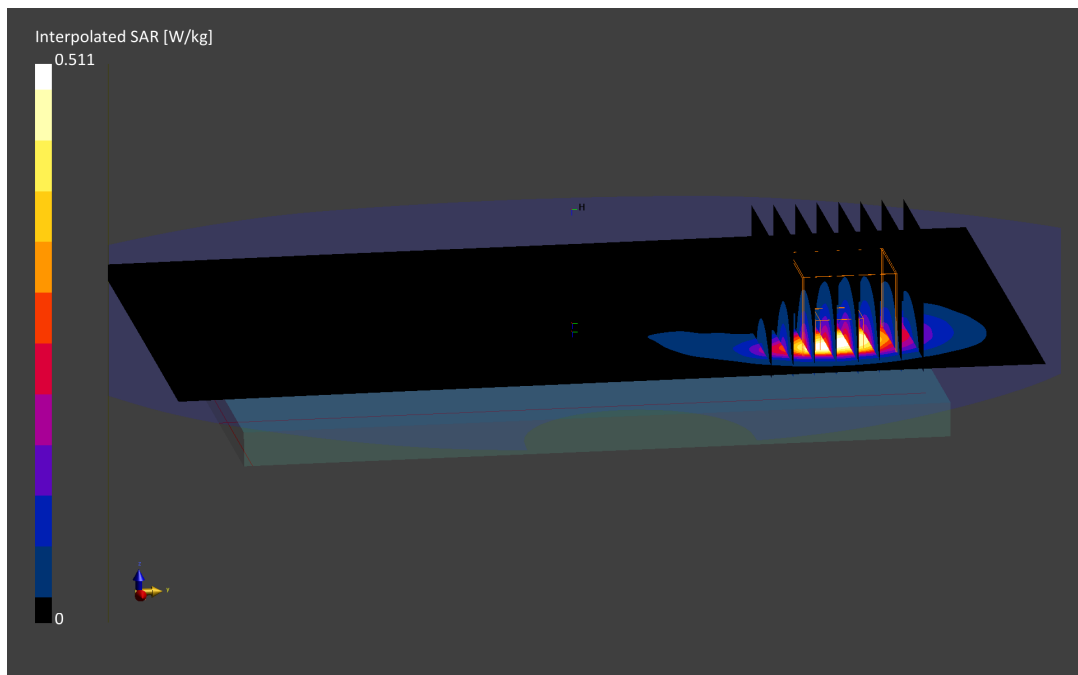
**Area Scan (120.0 x 200.0):** Measurement grid: dx=10.0mm, dy=10.0mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5

Reference Value = 0.35 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.511 W/kg

**SAR(1 g) = 0.259 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 04254**

Communication System: UID:10415-AAA, WLAN; MAIA: Y; Frequency: 2462.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2462.0 MHz; cond = 2.06 S/m; perm = 51.0; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 1.5 cm

Test Date: 06/14/2021; Ambient Temp: 23.3°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7538; ConvF:(7.44,7.44,7.44); Calibrated: 2020-11-23

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1449; Calibrated: 2020-09-10

Phantom: Twin-SAM V5.0 (Leftt); Serial: 1873

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: IEEE 802.11b, 22 MHz Bandwidth,  
Body SAR, Back side, Ch. 11, 1 Mbps**

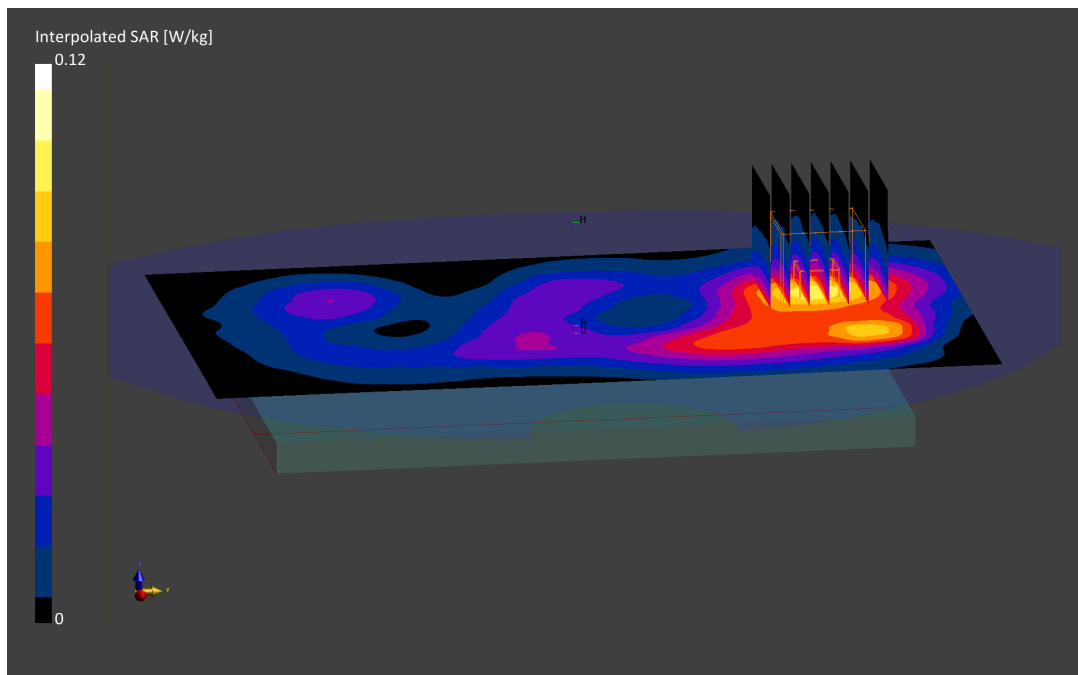
**Area Scan (120.0 x 200.0):** Measurement grid: dx=10.0mm, dy=10.0mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5

Reference Value = 0.08 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.120 W/kg

**SAR(1 g) = 0.066 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 04254**

Communication System: UID:10415-AAA, WLAN; MAIA: Y; Frequency: 2462.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2462.0 MHz; cond = 2.06 S/m; perm = 51.0; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 1.0 cm

Test Date: 06/14/2021; Ambient Temp: 23.3°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7538; ConvF:(7.44,7.44,7.44); Calibrated: 2020-11-23

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1449; Calibrated: 2020-09-10

Phantom: Twin-SAM V5.0 (Left); Serial: 1873

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: IEEE 802.11b, 22 MHz Bandwidth,  
Body SAR, Back side, Ch. 11, 1 Mbps**

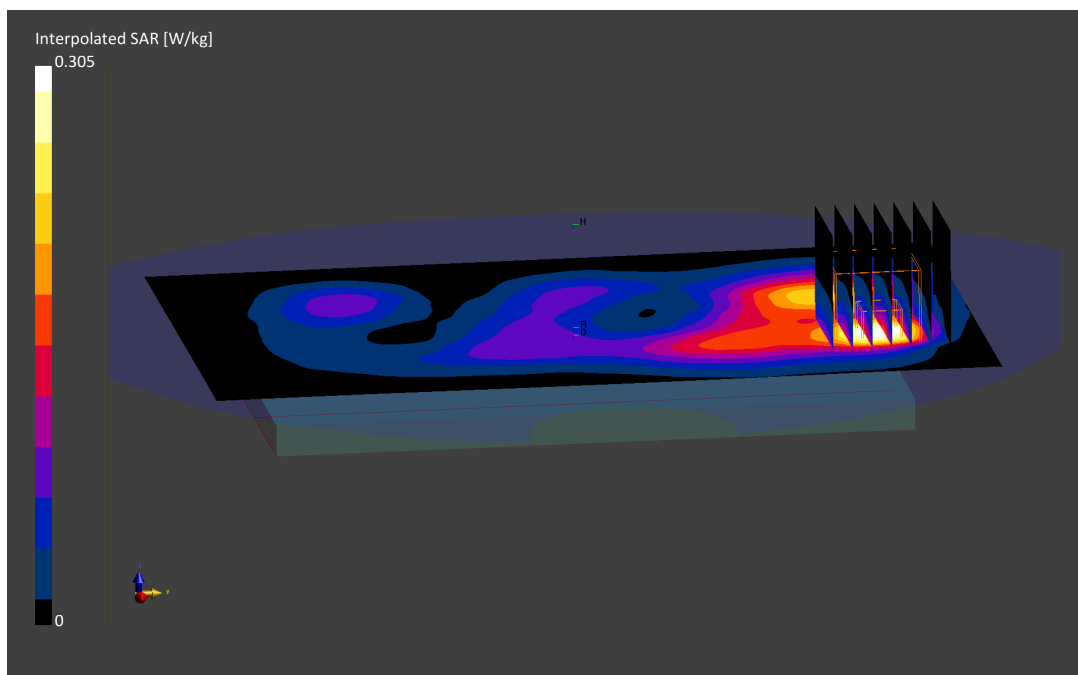
**Area Scan (120.0 x 200.0):** Measurement grid: dx=10.0mm, dy=10.0mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5

Reference Value = 0.18 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.305 W/kg

**SAR(1 g) = 0.143 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 04254**

Communication System: UID:10032-CCCAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2480.0$  MHz;  $\text{cond} = 2.08$  S/m;  $\text{perm} = 50.9$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 1.5 cm

Test Date: 06/14/2021; Ambient Temp: 23.3°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7538; ConvF:(7.44,7.44,7.44); Calibrated: 2020-11-23

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1449; Calibrated: 2020-09-10

Phantom: Twin-SAM V5.0 (Leftt); Serial: 1873

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: Bluetooth, Body SAR, Ch. 78, 1Mbps, Back Side**

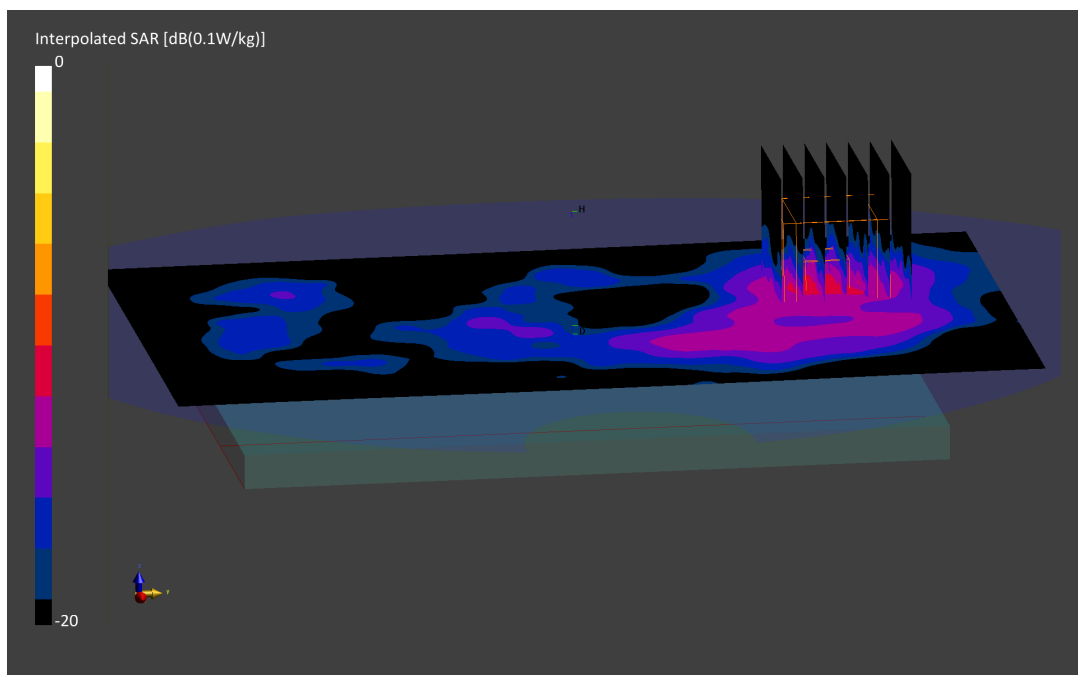
**Area Scan (120.0 x 200.0):** Measurement grid:  $dx=10.0$ mm,  $dy=10.0$ mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=5.0$ mm,  $dy=5.0$ mm,  $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.00 W/kg; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.012 W/kg

**SAR(1 g) = 0.006 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 04254**

Communication System: UID:10032-CCCAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2480.0$  MHz;  $\text{cond} = 2.08$  S/m;  $\text{perm} = 50.9$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 1.0 cm

Test Date: 06/14/2021; Ambient Temp: 23.3°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7538; ConvF:(7.44,7.44,7.44); Calibrated: 2020-11-23

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1449; Calibrated: 2020-09-10

Phantom: Twin-SAM V5.0 (Leftt); Serial: 1873

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: Bluetooth, Body SAR, Ch.78, 1Mbps, Back Side**

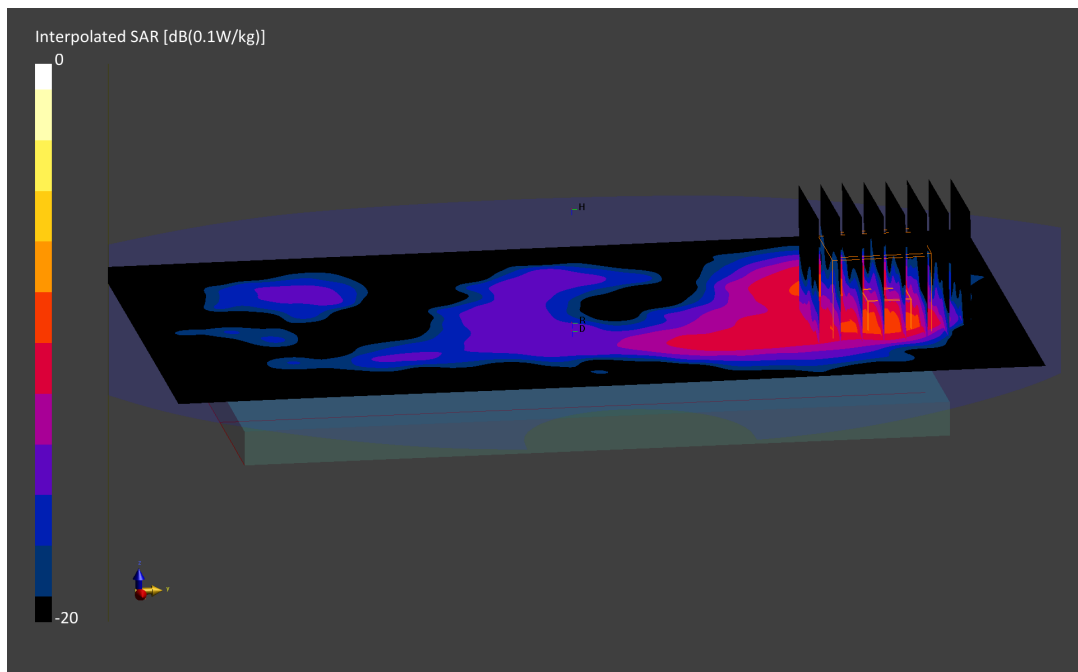
**Area Scan (120.0 x 200.0):** Measurement grid:  $dx=10.0$ mm,  $dy=10.0$ mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=5.0$ mm,  $dy=5.0$ mm,  $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.01 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.026 W/kg

**SAR(1 g) = 0.011 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06267**

Communication System: UID 0, UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: 1750 Body; Medium parameters used (interpolated):  
 $f = 1712.4$  MHz;  $\sigma = 1.501$  S/m;  $\epsilon_r = 51.046$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 06/20/2021; Ambient Temp: 22.0°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1712.4 MHz; Calibrated: 7/31/2020  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020  
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: UMTS 1750, Phablet SAR, Back side, Low.ch**

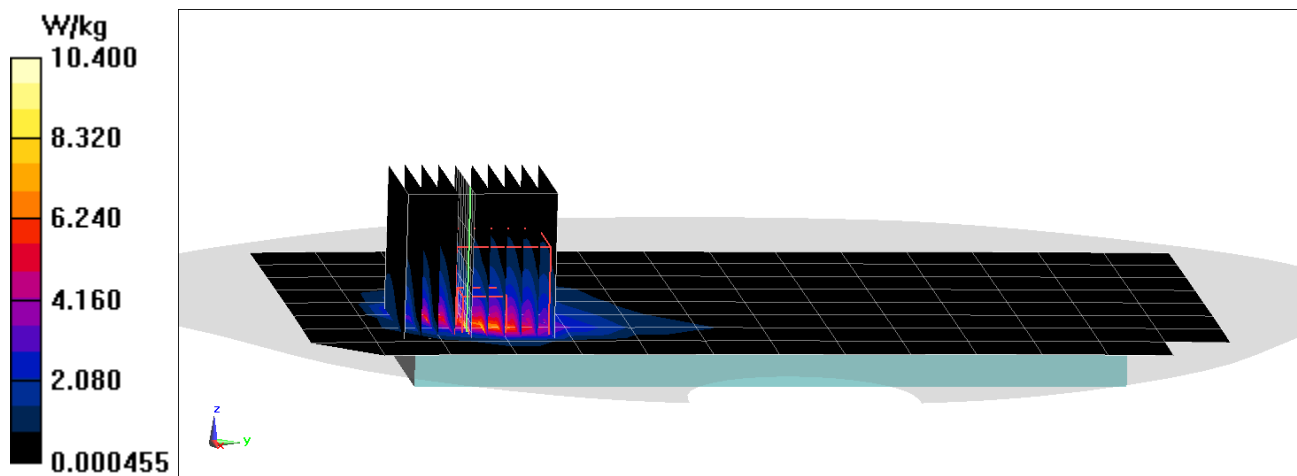
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (10x10x8)/Cube 0:** Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 52.64 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 19.8 W/kg

**SAR(10 g) = 2.28 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06655**

Communication System: UID 0, UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: 1900 Body; Medium parameters used (interpolated):  
 $f = 1907.6$  MHz;  $\sigma = 1.541$  S/m;  $\epsilon_r = 52.071$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 06/24/2021; Ambient Temp: 22.6°C; Tissue Temp: 24.0°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1907.6 MHz; Calibrated: 7/20/2020  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn1322; Calibrated: 7/15/2020  
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715  
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: UMTS 1900, Phablet SAR, Back side, High.ch**

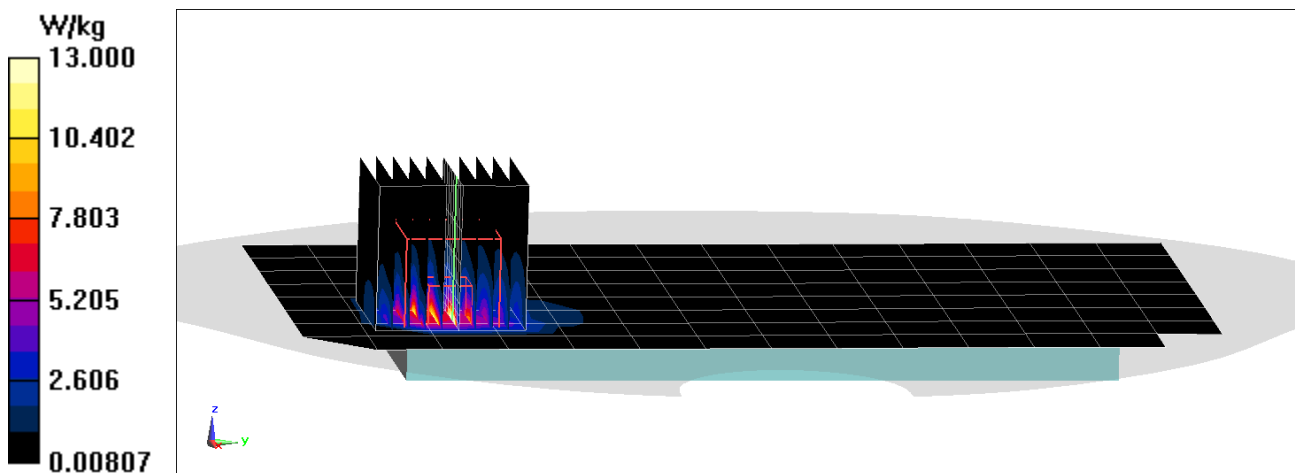
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (10x10x8)/Cube 0:** Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 69.50 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 30.9 W/kg

**SAR(10 g) = 2.71 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06267**

Communication System: UID 0, LTE Band 66 (AWS); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1720$  MHz;  $\sigma = 1.509$  S/m;  $\epsilon_r = 51.011$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 06/20/2021; Ambient Temp: 22.0°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1720 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 66 (AWS), Phablet SAR, Bottom Edge, Low.ch,  
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

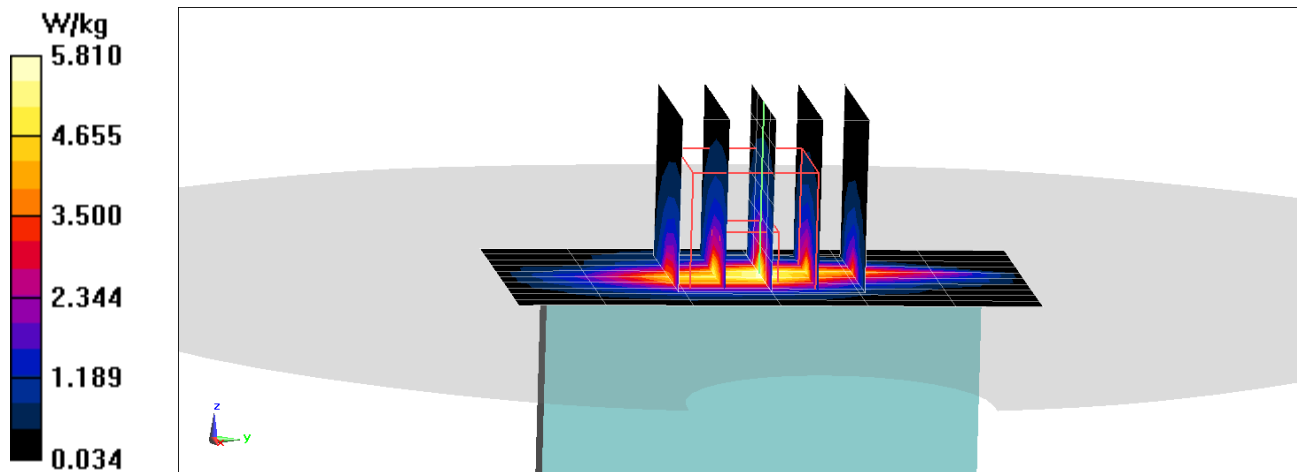
**Area Scan (11x7x1):** Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 52.02 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 7.11 W/kg

**SAR(10 g) = 1.90 W/kg**





# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 07828**

Communication System: UID 0, LTE Band 2 (PCS); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used:

$f = 1900 \text{ MHz}$ ;  $\sigma = 1.511 \text{ S/m}$ ;  $\epsilon_r = 52.285$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 06/22/2021; Ambient Temp: 24.0°C; Tissue Temp: 24.5°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1900 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 2 (PCS), Phablet SAR, Left Edge, High.ch,  
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

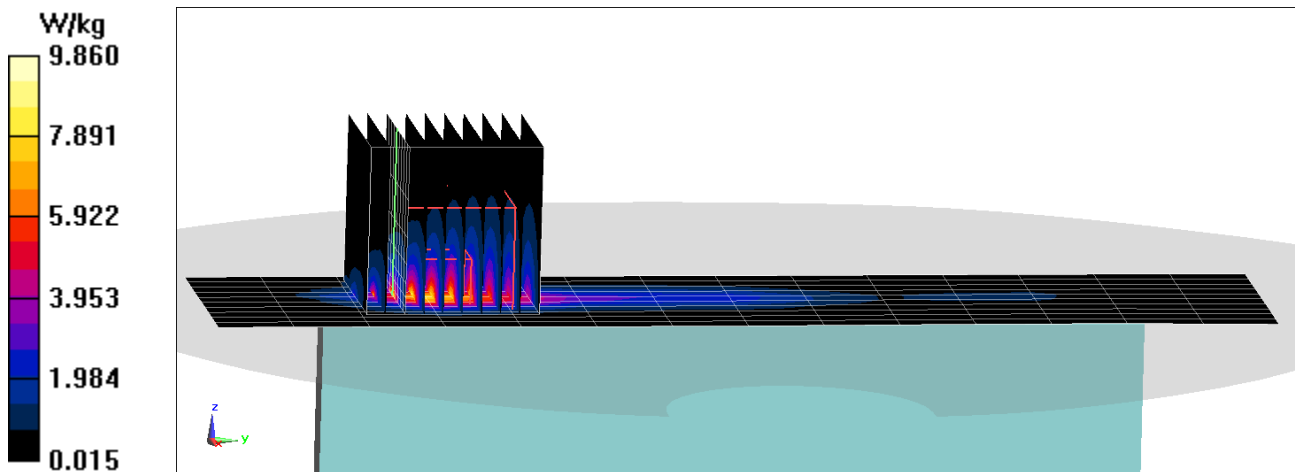
**Area Scan (11x15x1):** Measurement grid: dx=5mm, dy=15mm

**Zoom Scan (10x10x8)/Cube 0:** Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 61.40 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 18.7 W/kg

**SAR(10 g) = 2.25 W/kg**



# PCTEST

**DUT: A3LSMA127M; Type: Portable Handset; Serial: 06481**

Communication System: UID:10435-AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2680.0$  MHz;  $\text{cond} = 2.31$  S/m;  $\text{perm} = 51.0$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 1.1 cm

Test Date: 07/06/2021; Ambient Temp: 23.8°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7538; ConvF:(7.25,7.25,7.25); Calibrated: 2020-11-23

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1449; Calibrated: 2020-09-10

Phantom: Twin-SAM V5.0 (Leftt); Serial: 1873

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 41, Phablet SAR, Left Edge, High.ch,  
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

**Area Scan (40.0 x 200.0):** Measurement grid:  $dx=5.0$ mm,  $dy=10.0$ mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid:  $dx=5.0$ mm,  $dy=5.0$ mm,  $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 6.96 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 11.7 W/kg

**SAR(10 g) = 1.74 W/kg**

