

**Test Plot 1#: LTE Band 7\_Head Left Cheek\_Middle\_1RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.925$  S/m;  $\epsilon_r = 38.409$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.152 W/kg

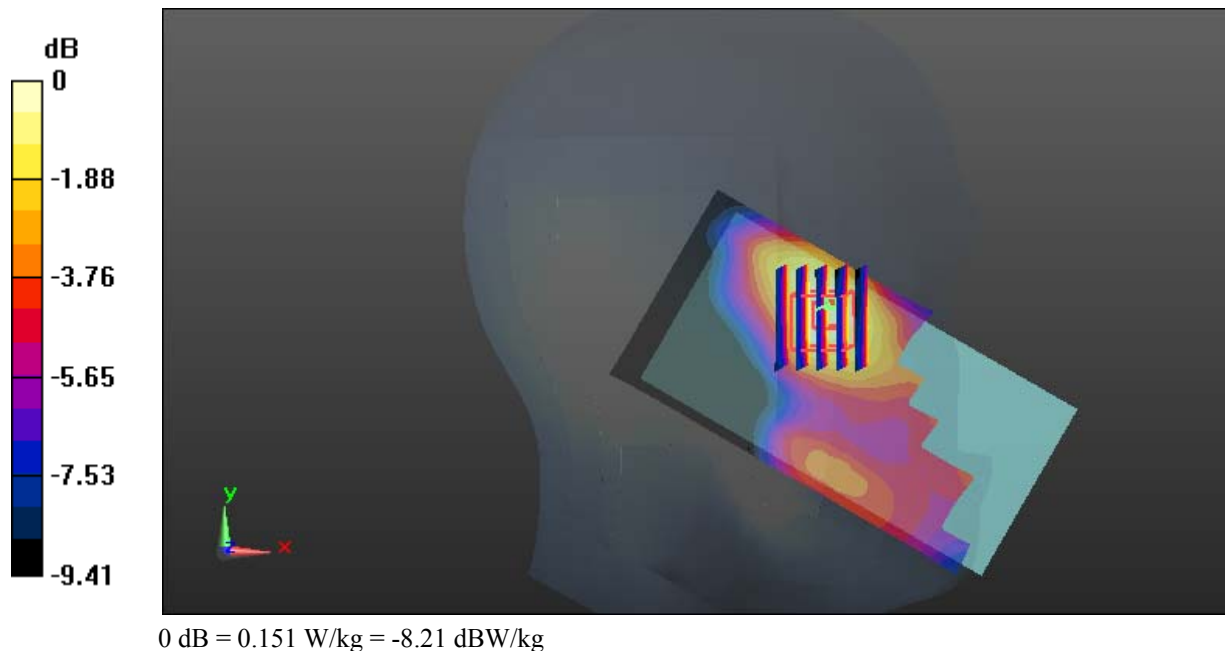
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.246 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.176 W/kg

**SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.069 W/kg**

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



**Test Plot 2#: LTE Band 7\_Head Left Cheek\_Middle\_50%RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.925$  S/m;  $\epsilon_r = 38.409$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.126 W/kg

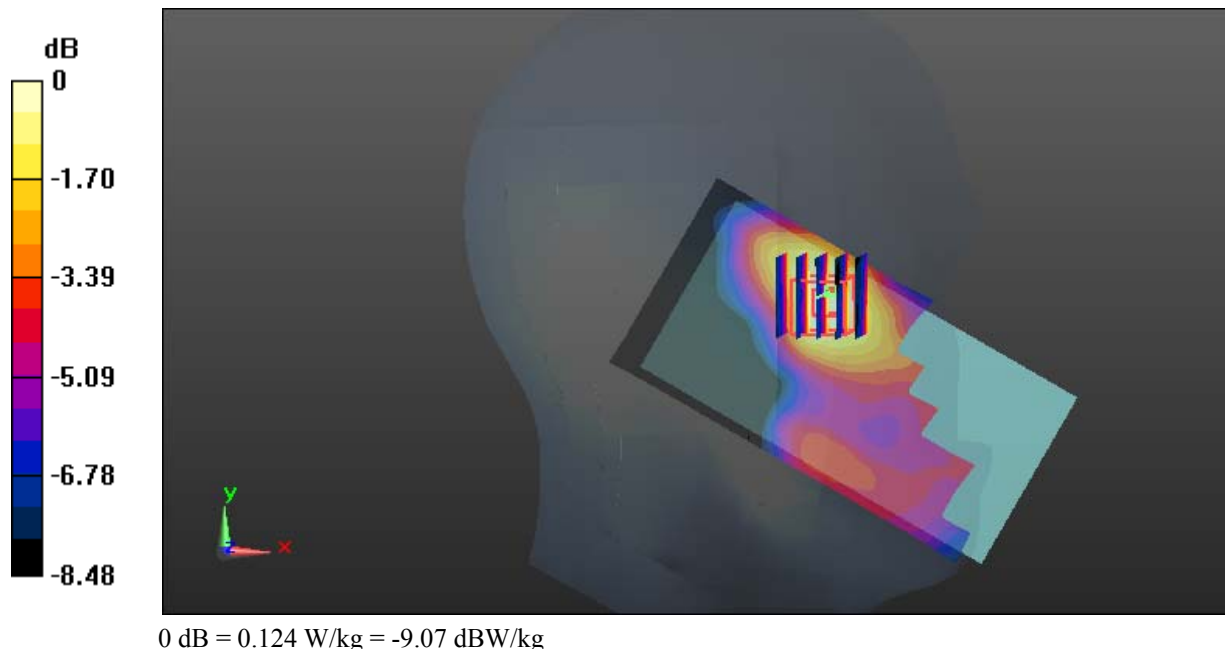
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.038 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.146 W/kg

**SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.057 W/kg**

Maximum value of SAR (measured) = 0.124 W/kg



**Test Plot 3#: LTE Band 7\_Head Left Tilt\_Middle\_1RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.925$  S/m;  $\epsilon_r = 38.409$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.202 W/kg

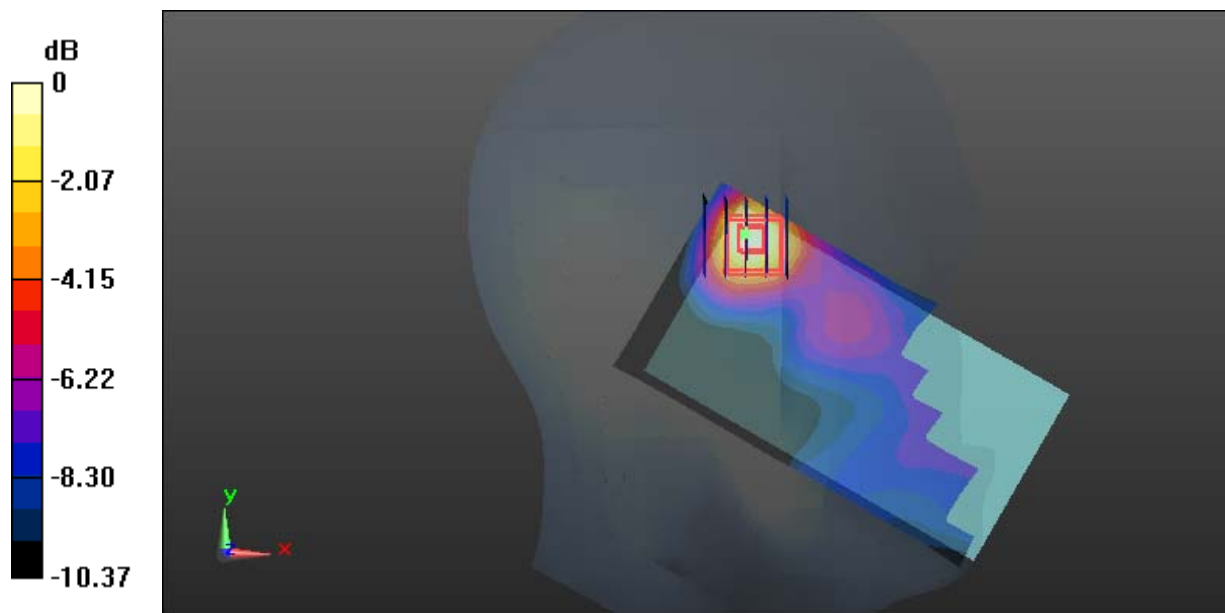
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.948 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.243 W/kg

**SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.072 W/kg**

Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.191 W/kg = -7.19 dBW/kg

**Test Plot 4#: LTE Band 7\_Head Left Tilt\_Middle\_50%RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.925$  S/m;  $\epsilon_r = 38.409$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.163 W/kg

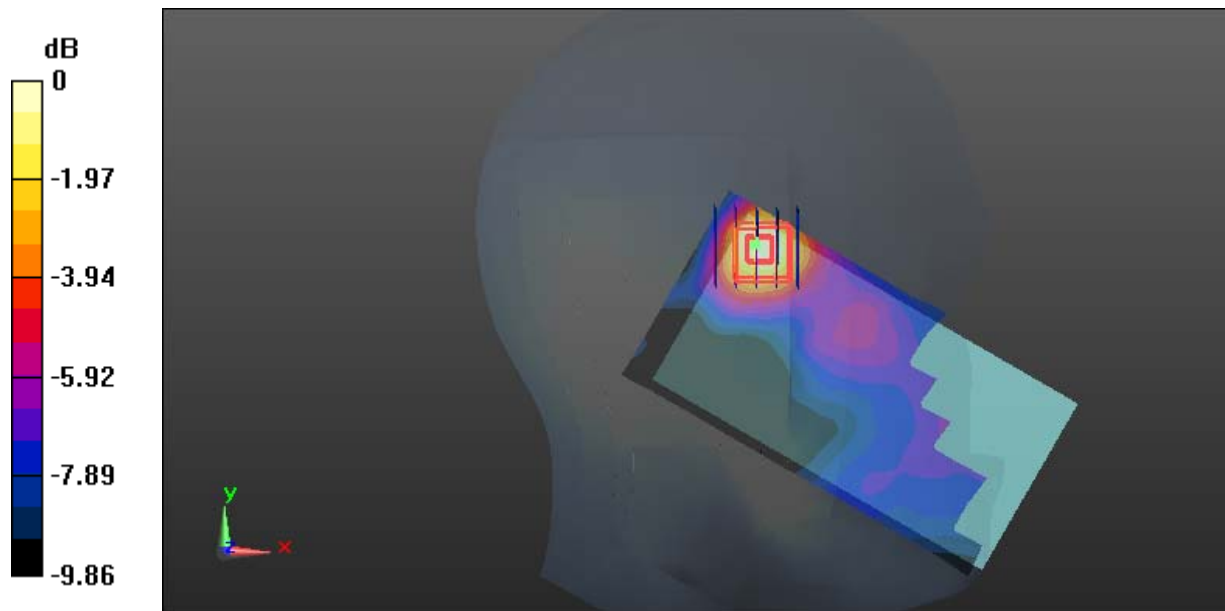
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.667 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.197 W/kg

**SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.061 W/kg**

Maximum value of SAR (measured) = 0.159 W/kg



0 dB = 0.159 W/kg = -7.99 dBW/kg

**Test Plot 5#: LTE Band 7\_Head Right Cheek\_Middle\_1RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.925$  S/m;  $\epsilon_r = 38.409$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

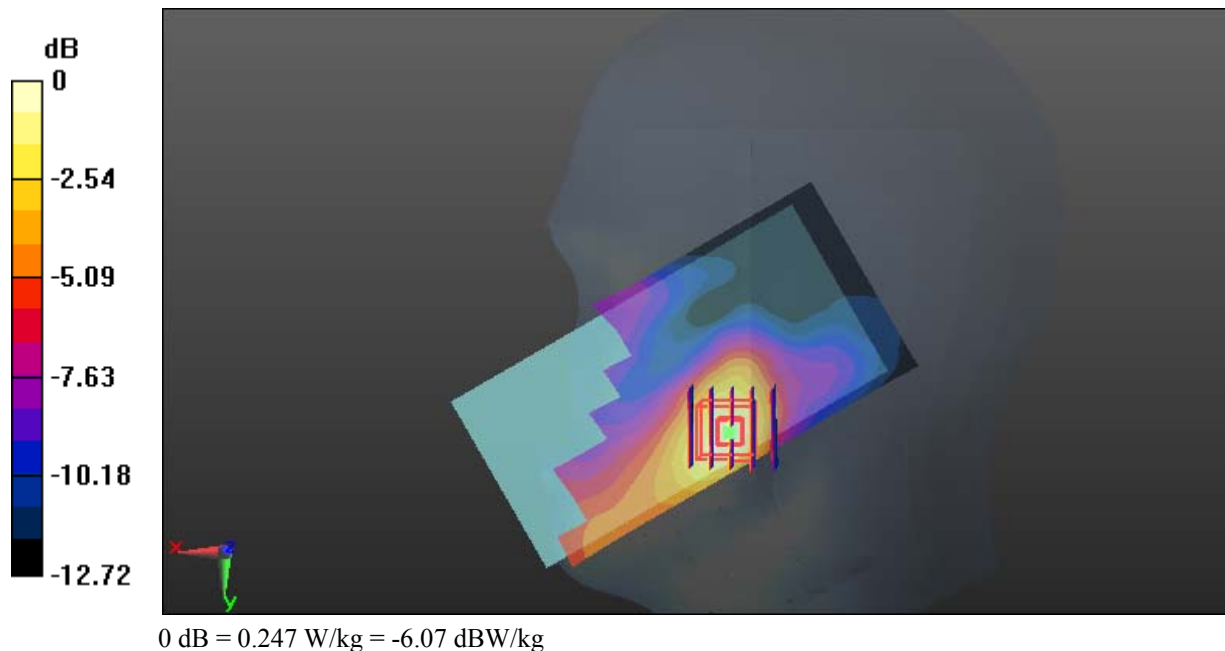
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.719 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.292 W/kg

**SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.097 W/kg**

Maximum value of SAR (measured) = 0.247 W/kg



**Test Plot 6#: LTE Band 7\_Head Right Cheek\_Middle\_50%RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.925$  S/m;  $\epsilon_r = 38.409$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.209 W/kg

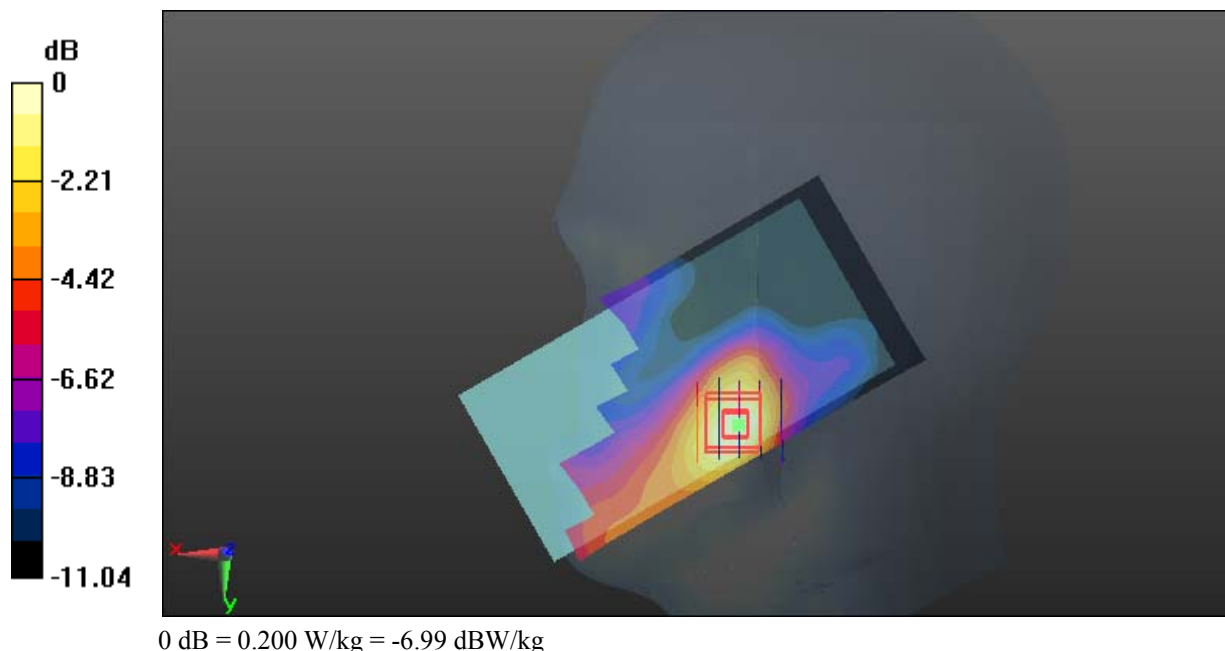
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.081 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.239 W/kg

**SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.081 W/kg**

Maximum value of SAR (measured) = 0.200 W/kg



**Test Plot 7#: LTE Band 7\_Head Right Tilt\_Middle\_1RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.925$  S/m;  $\epsilon_r = 38.409$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.111 W/kg

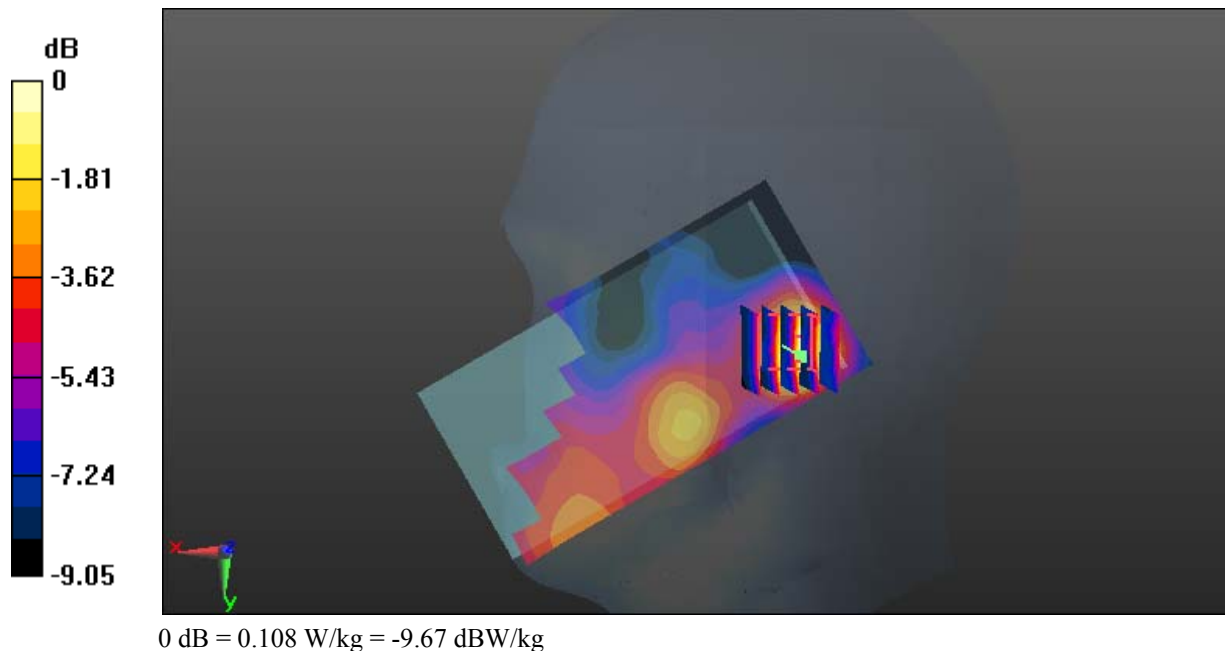
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.007 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.132 W/kg

**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.045 W/kg**

Maximum value of SAR (measured) = 0.108 W/kg



**Test Plot 8#: LTE Band 7\_Head Right Tilt\_Middle\_50%RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.925$  S/m;  $\epsilon_r = 38.409$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0910 W/kg

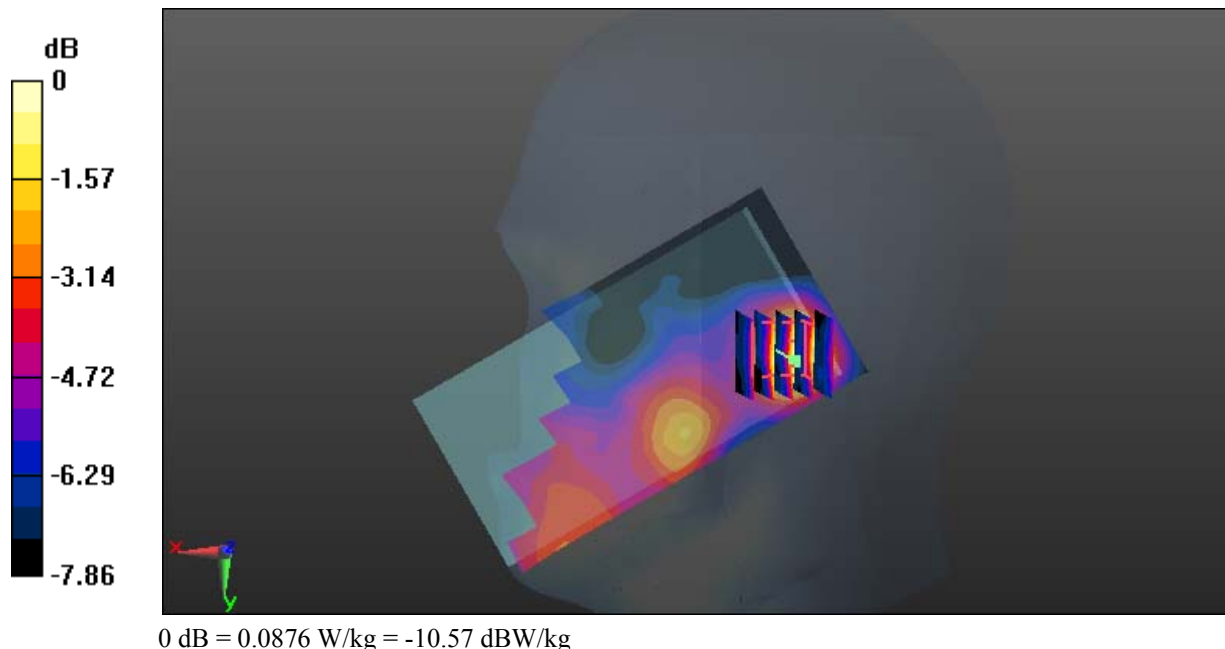
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.849 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.105 W/kg

**SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.039 W/kg**

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





**Test Plot 9#: LTE Band 7\_Body Back\_Low\_1RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.956$  S/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.60 W/kg

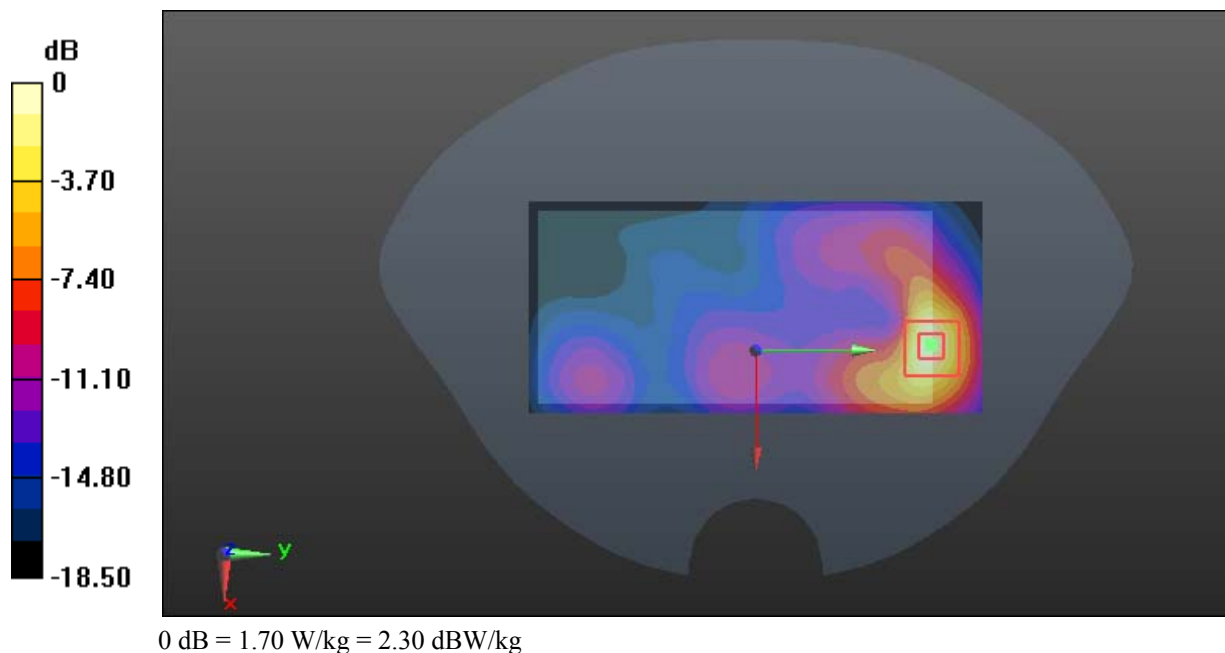
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.444 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.10 W/kg

**SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.437 W/kg**

Maximum value of SAR (measured) = 1.70 W/kg



**Test Plot 10#: LTE Band 7\_Body Back\_Middle\_1RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.982$  S/m;  $\epsilon_r = 53.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.79 W/kg

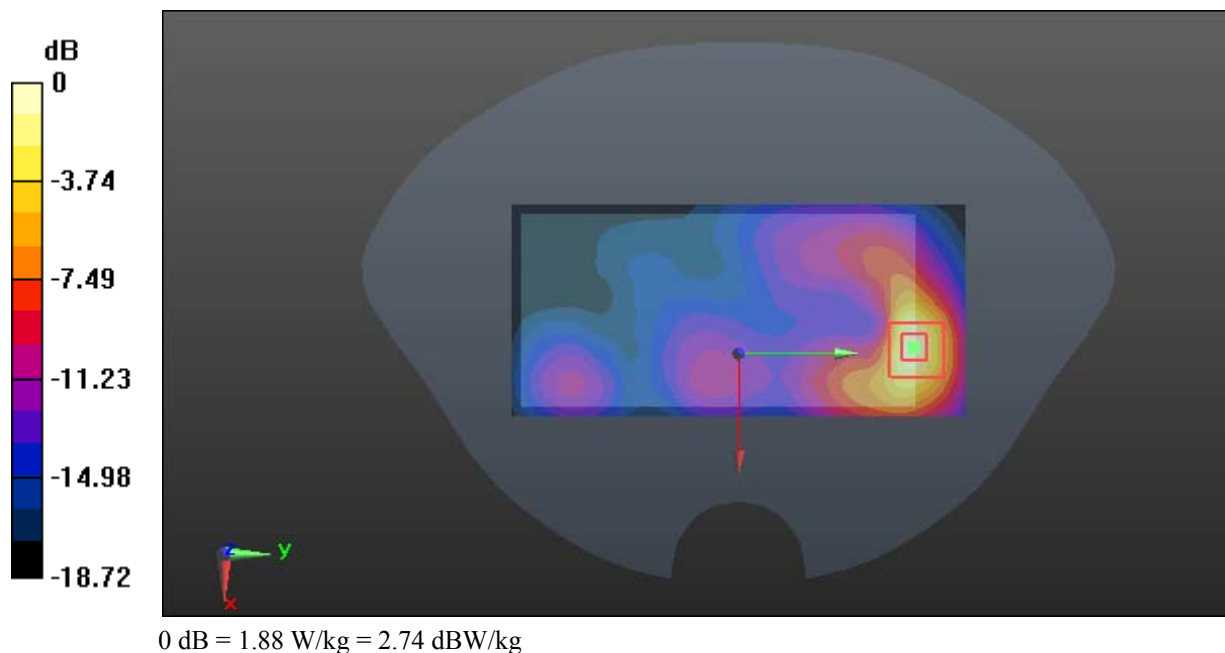
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.236 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.33 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.472 W/kg**

Maximum value of SAR (measured) = 1.88 W/kg



**Test Plot 11#: LTE Band 7\_Body Back\_High\_1RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2560 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.016$  S/m;  $\epsilon_r = 53.924$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.88 W/kg

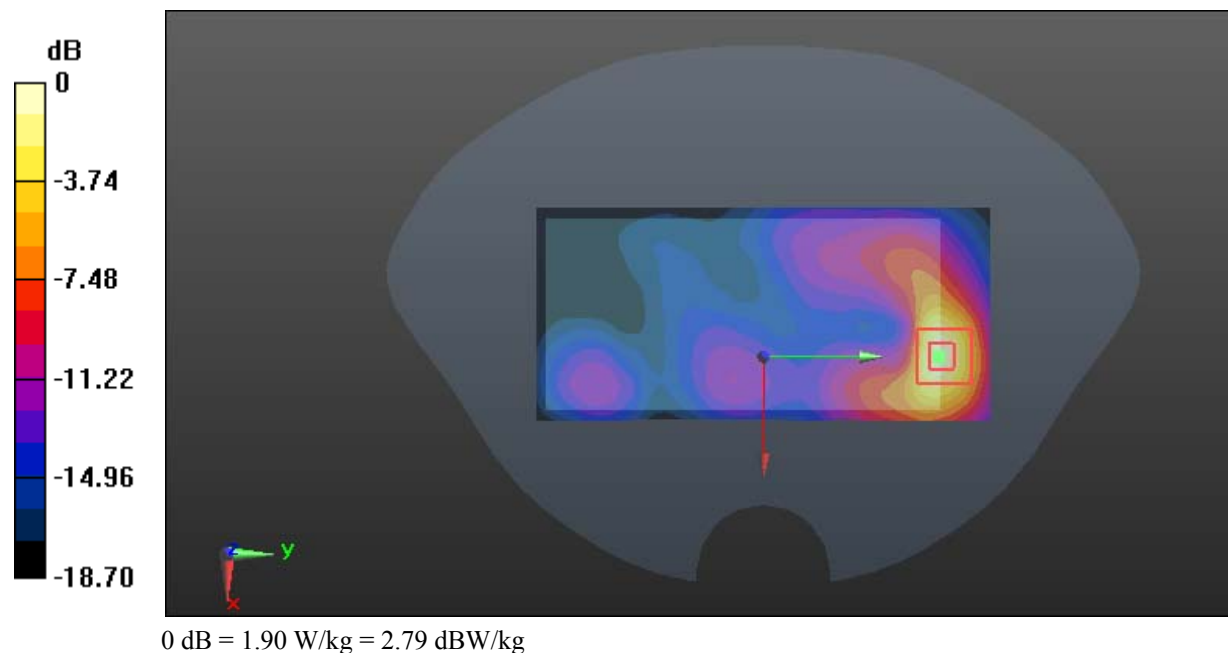
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.639 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.38 W/kg

**SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.479 W/kg**

Maximum value of SAR (measured) = 1.90 W/kg



**Test Plot 12#: LTE Band 7\_Body Back\_Low\_50%RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.956$  S/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

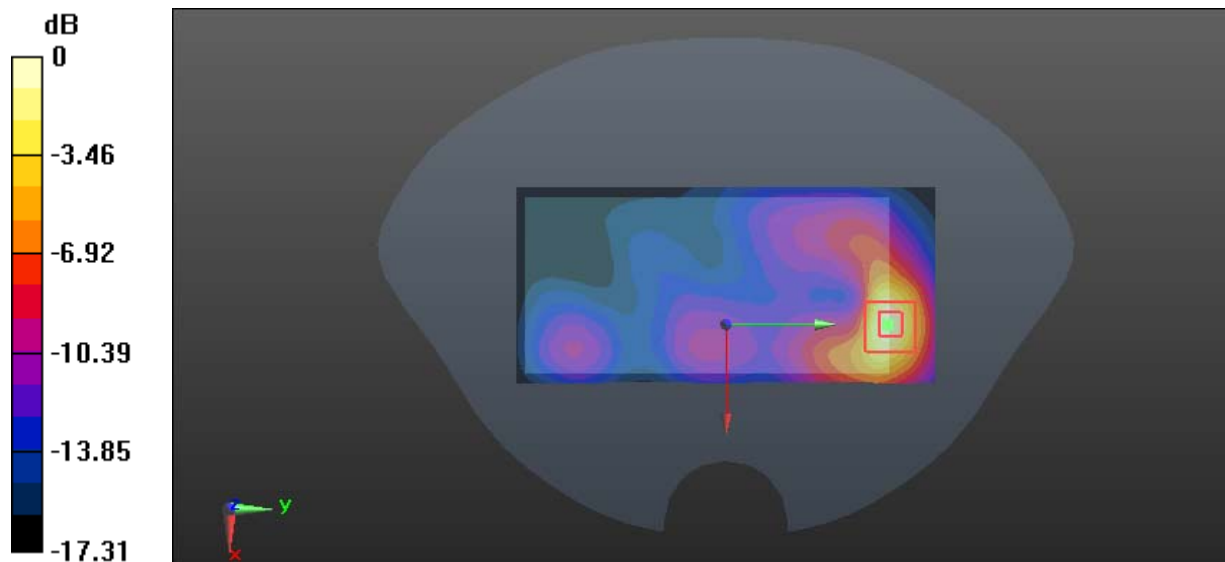
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.729 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.335 W/kg**

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

**Test Plot 13#: LTE Band 7\_Body Back\_Middle\_50%RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.982$  S/m;  $\epsilon_r = 53.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

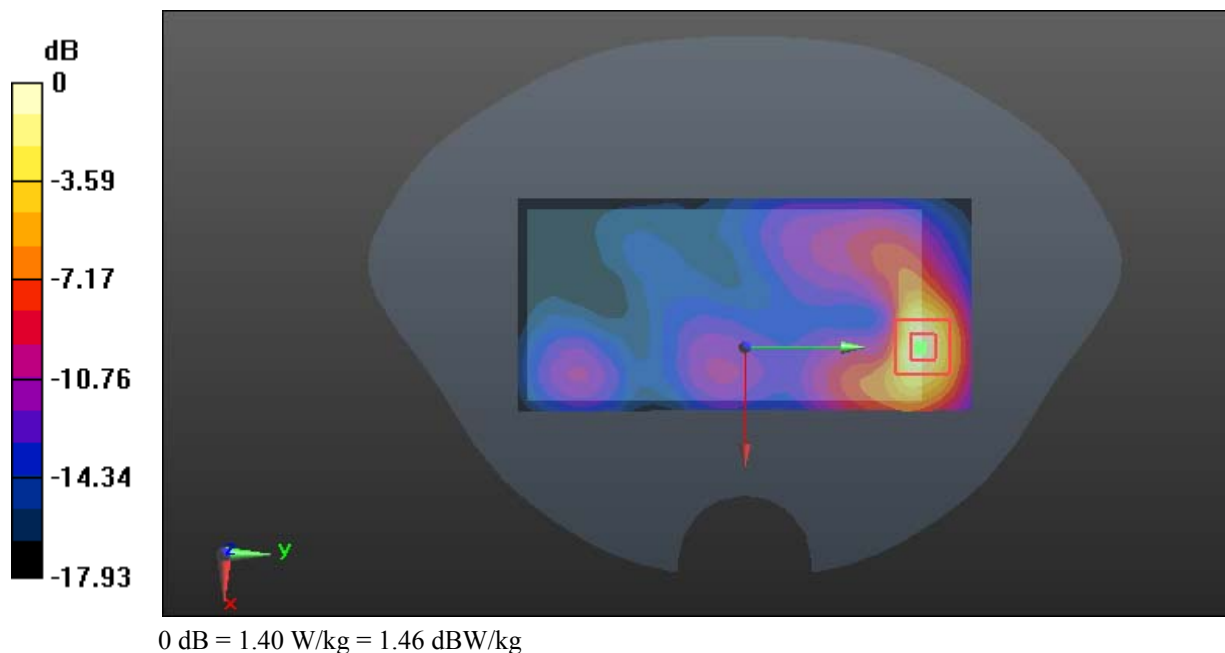
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.596 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.362 W/kg**

Maximum value of SAR (measured) = 1.40 W/kg



**Test Plot 14#: LTE Band 7\_Body Back\_High\_50%RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2560 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.016$  S/m;  $\epsilon_r = 53.924$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

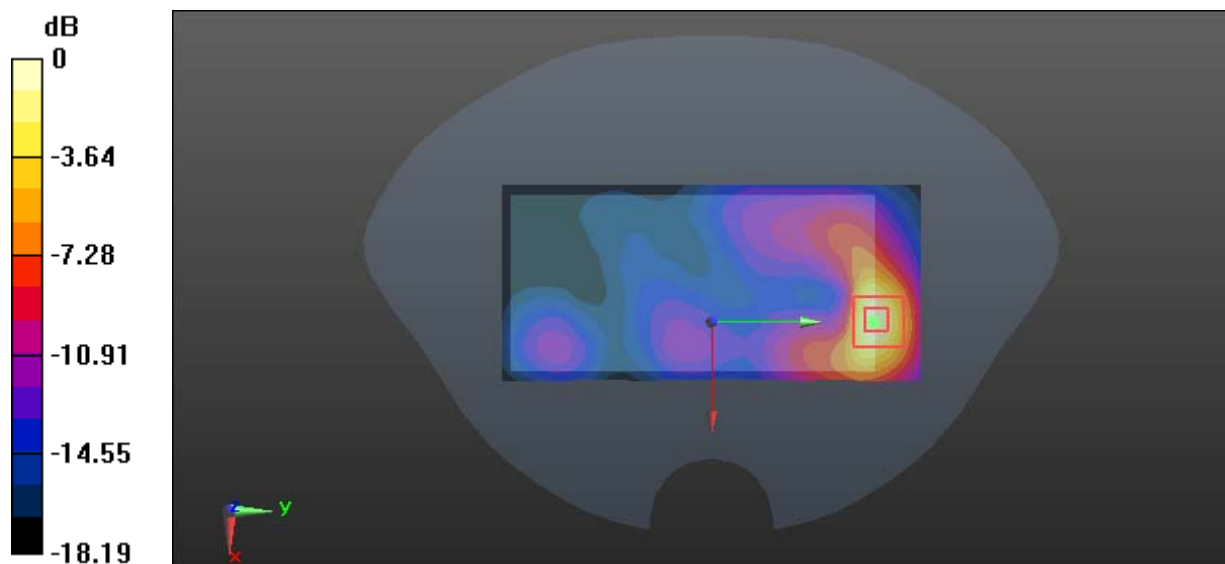
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.349 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.95 W/kg

**SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.395 W/kg**

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

**Test Plot 15#: LTE Band 7\_Body Back\_Middle\_100%RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.982$  S/m;  $\epsilon_r = 53.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.35 W/kg

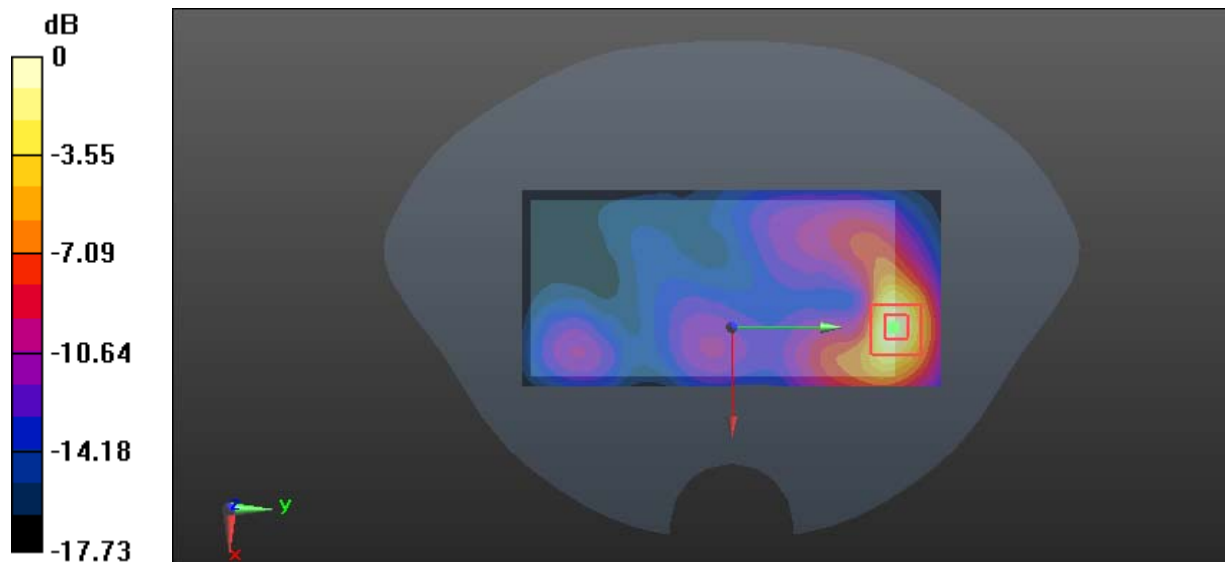
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.667 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.359 W/kg**

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

**Test Plot 16#: LTE Band 7\_Body Right\_Middle\_1RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.982$  S/m;  $\epsilon_r = 53.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.316 W/kg

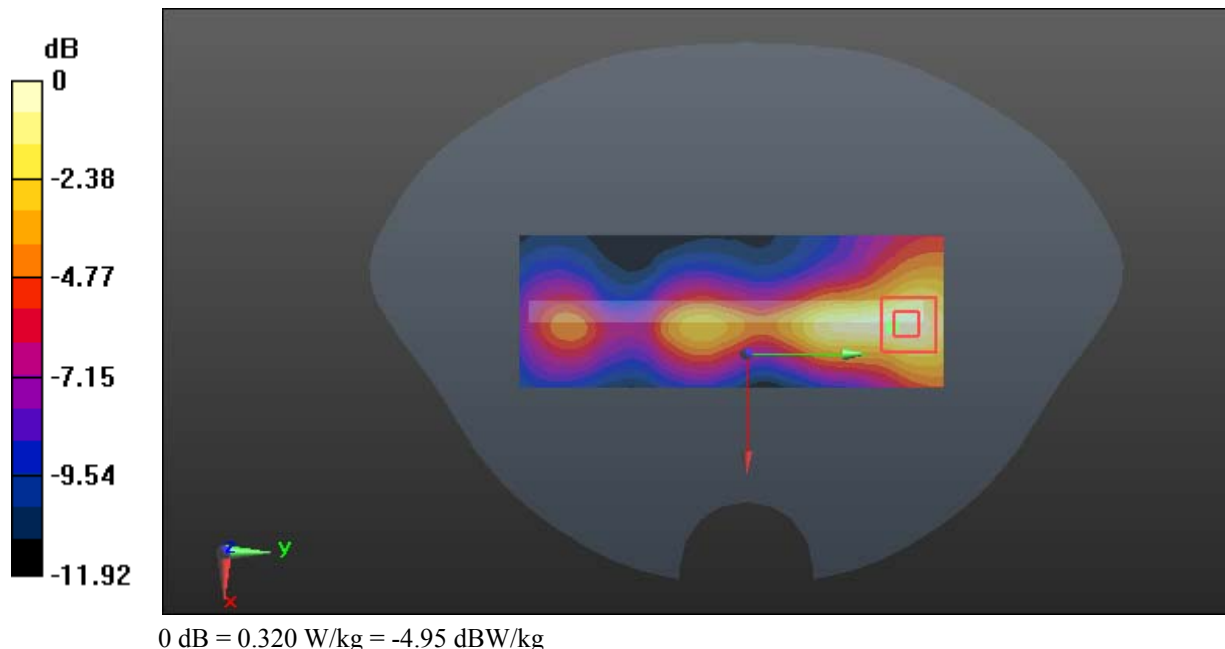
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.301 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.399 W/kg

**SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.113 W/kg**

Maximum value of SAR (measured) = 0.320 W/kg





**Test Plot 17#: LTE Band 7\_Body Right\_Middle\_50%RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.982$  S/m;  $\epsilon_r = 53.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

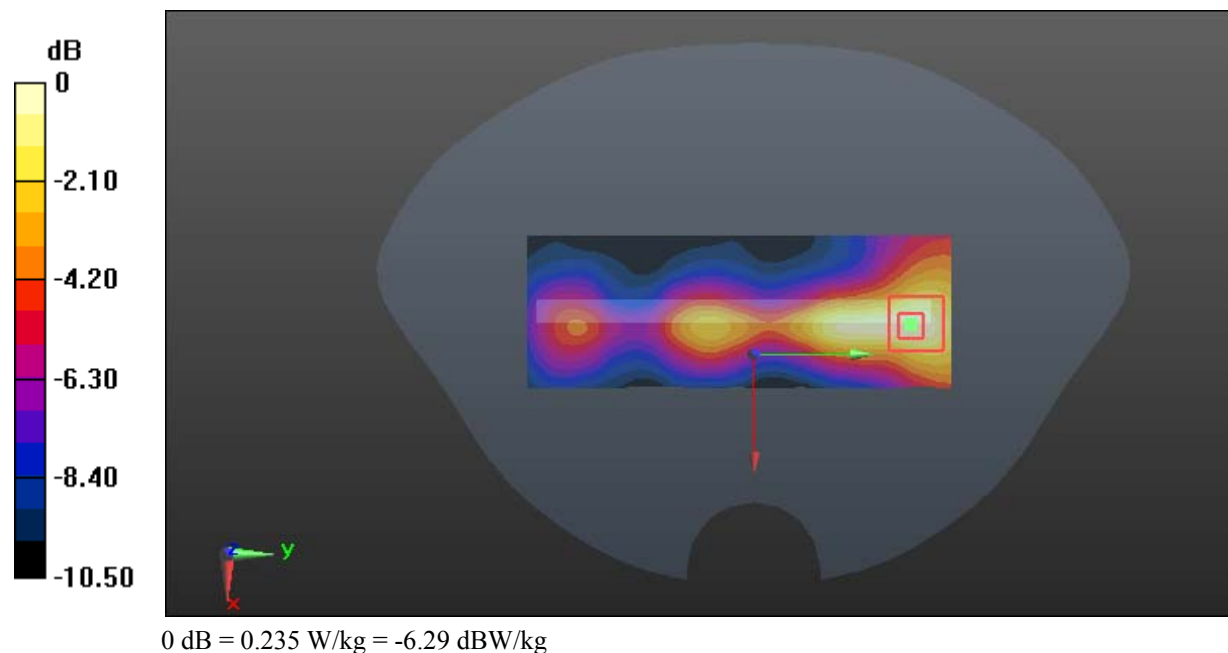
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.626 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.286 W/kg

**SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.087 W/kg**

Maximum value of SAR (measured) = 0.235 W/kg



**Test Plot 18#: LTE Band 7\_Body Bottom\_Low\_1RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.956$  S/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.58 W/kg

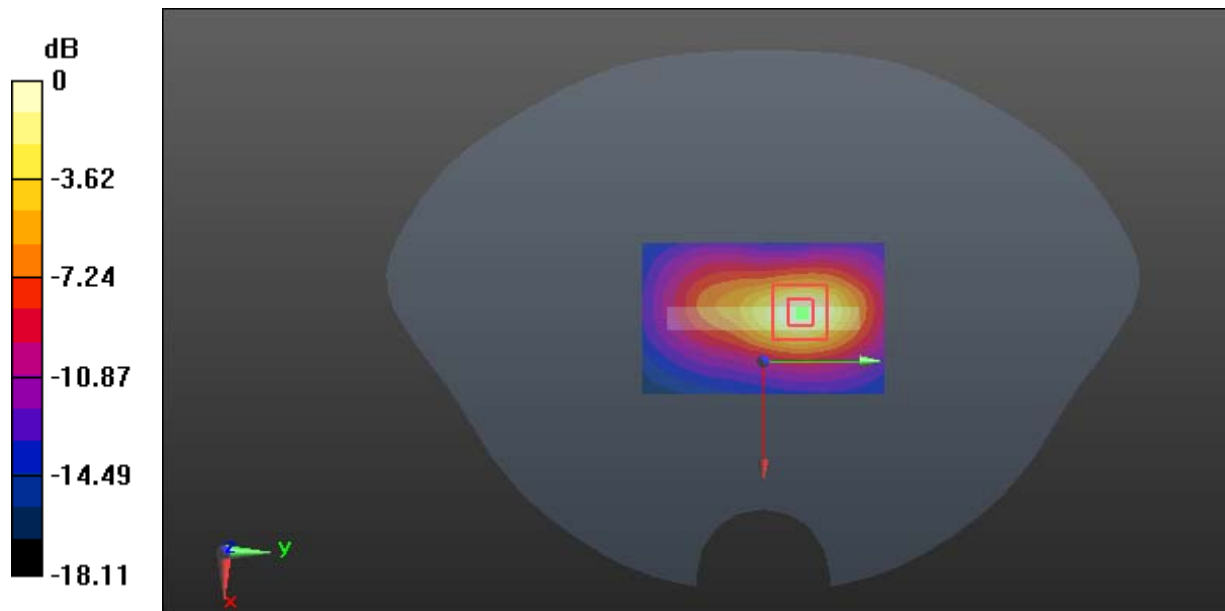
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.47 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.432 W/kg**

Maximum value of SAR (measured) = 1.52 W/kg



**Test Plot 19#: LTE Band 7\_Body Bottom\_Middle\_1RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.982$  S/m;  $\epsilon_r = 53.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.68 W/kg

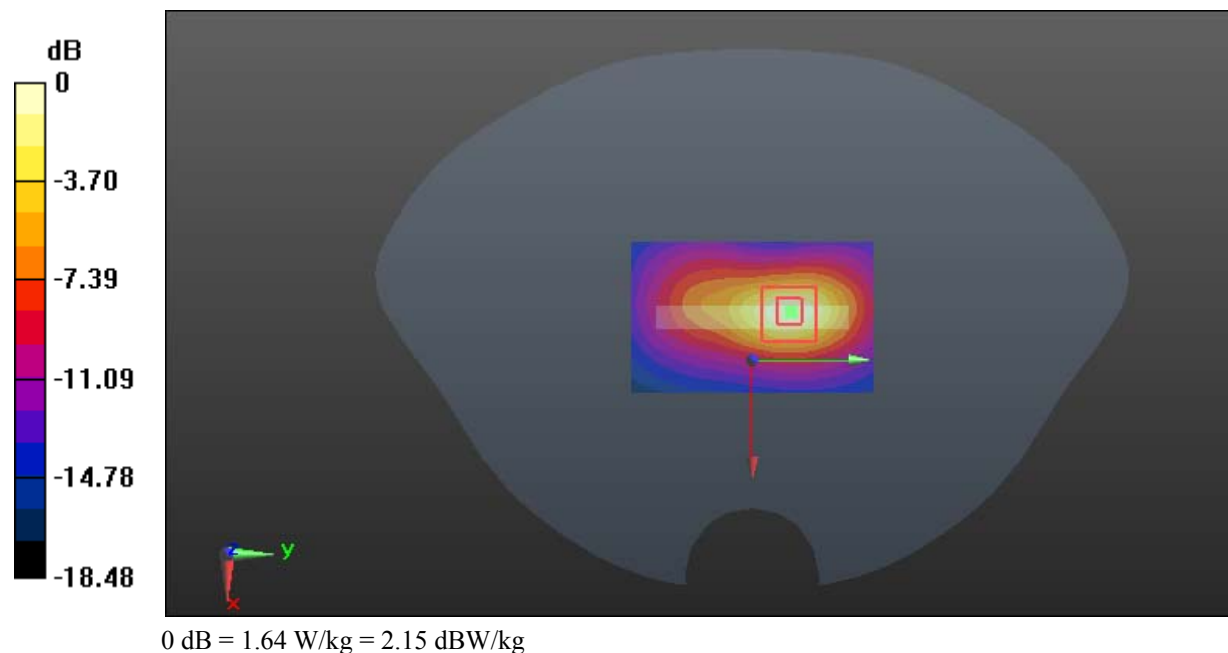
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.74 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.04 W/kg

**SAR(1 g) = 0.983 W/kg; SAR(10 g) = 0.457 W/kg**

Maximum value of SAR (measured) = 1.64 W/kg



**Test Plot 20#: LTE Band 7\_Body Bottom\_High\_1RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2560 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.016$  S/m;  $\epsilon_r = 53.924$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.84 W/kg

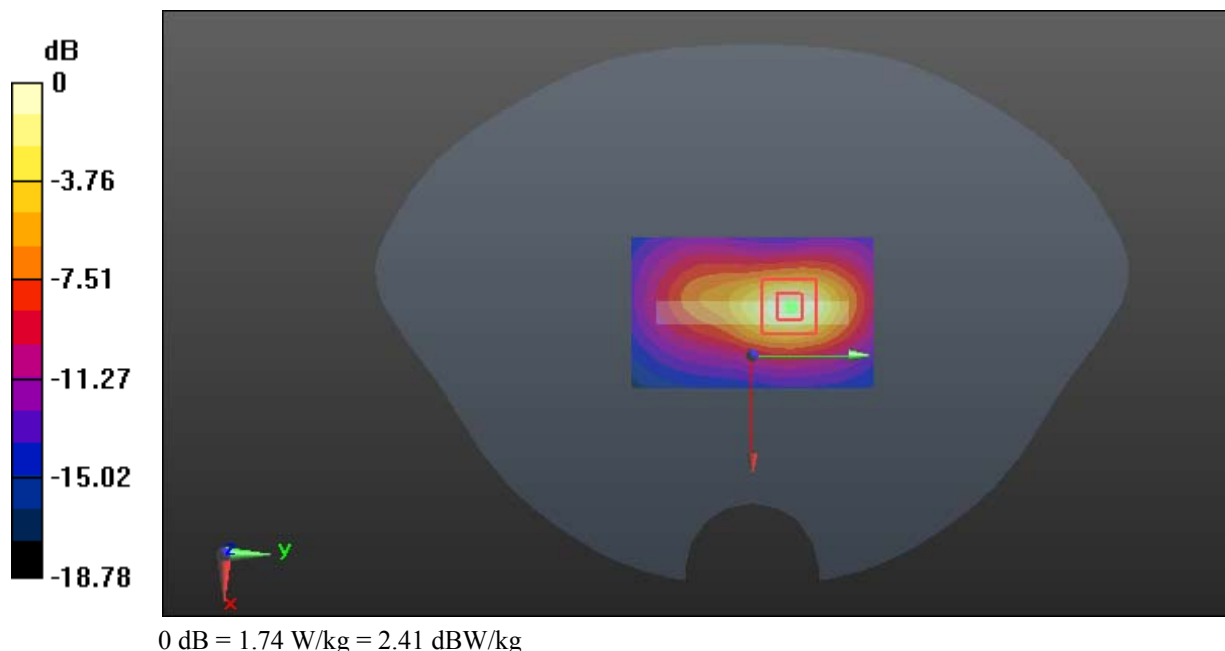
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.94 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.17 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.479 W/kg**

Maximum value of SAR (measured) = 1.74 W/kg



**Test Plot 21#: LTE Band 7\_Body Bottom\_Low\_50%RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.956$  S/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.33 W/kg

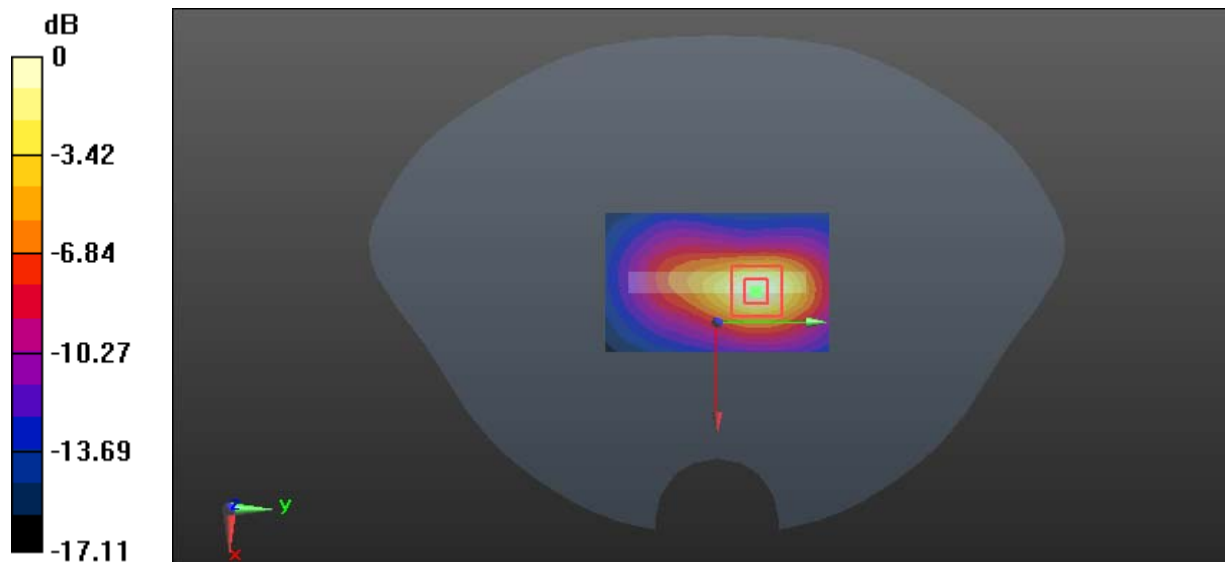
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.63 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.362 W/kg**

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

**Test Plot 22#: LTE Band 7\_Body Bottom\_Middle\_50%RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.982$  S/m;  $\epsilon_r = 53.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.46 W/kg

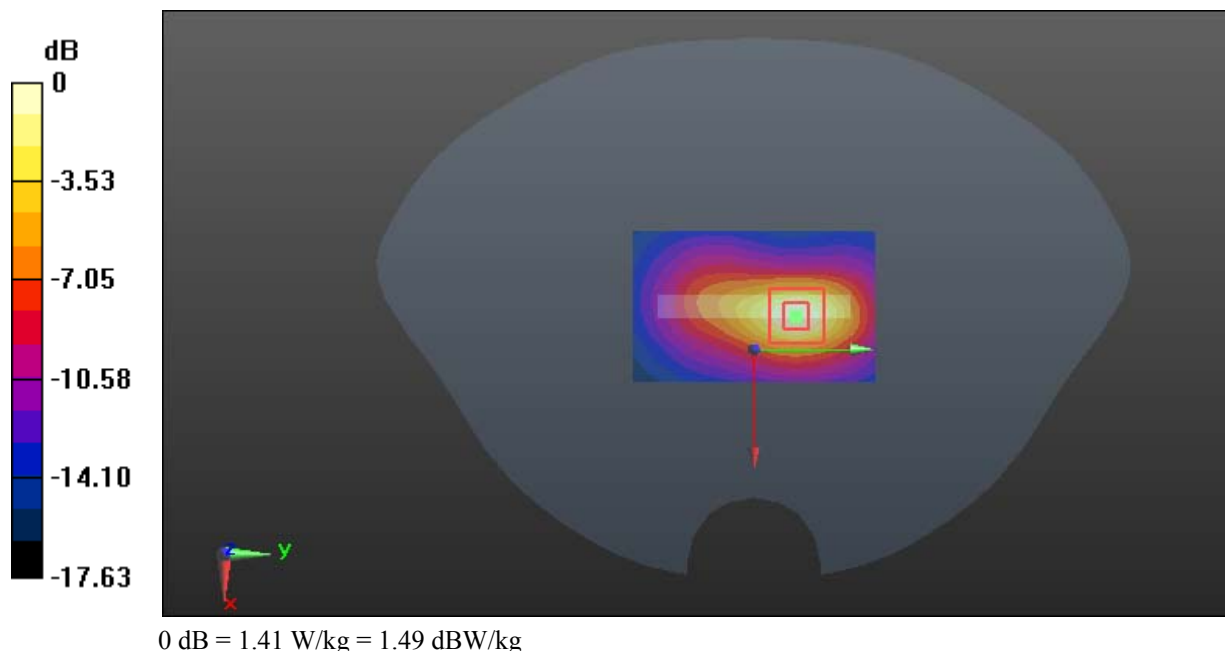
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.20 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.387 W/kg**

Maximum value of SAR (measured) = 1.41 W/kg



**Test Plot 23#: LTE Band 7\_Body Bottom\_High\_50%RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2560 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.016$  S/m;  $\epsilon_r = 53.924$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.54 W/kg

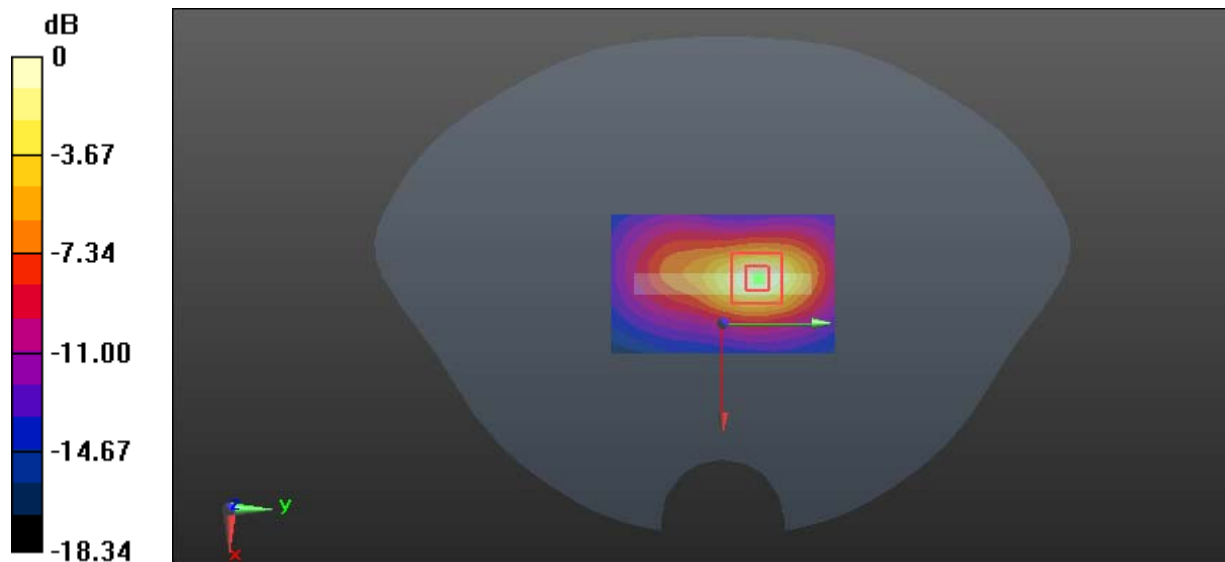
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.36 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.398 W/kg**

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

**Test Plot 24#: LTE Band 7\_Body Bottom\_Middle\_100%RB****DUT: Mobile Phone; Type: Astro 55N LTE; Serial: 354397090178643**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.982$  S/m;  $\epsilon_r = 53.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

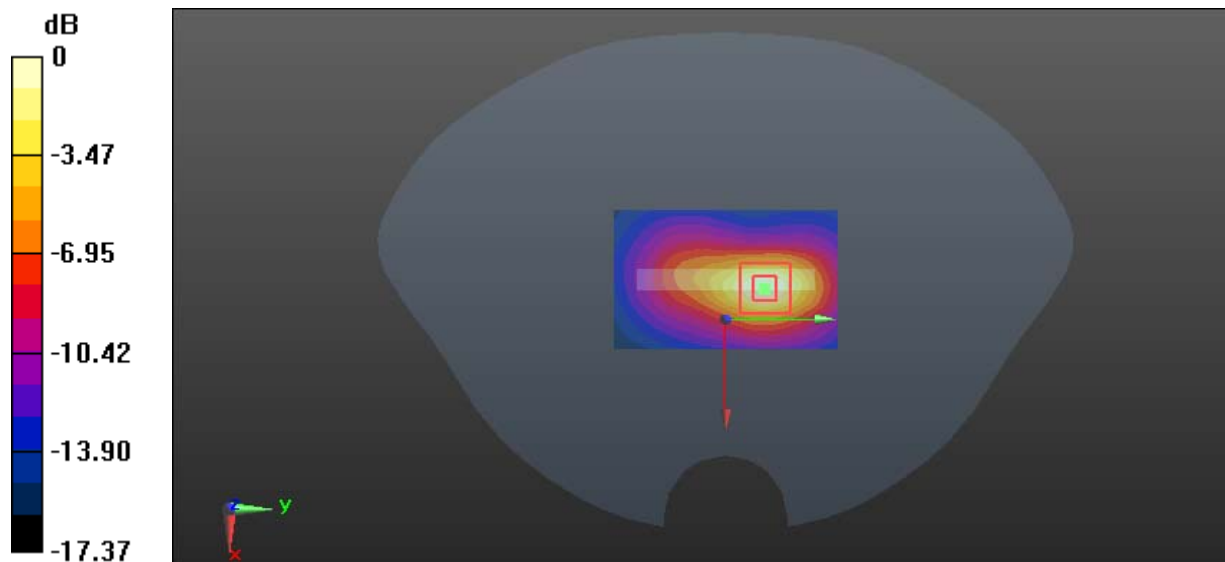
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.18 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.379 W/kg**

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg