

## 5300\_Right Ear\_Cheek

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch60\_f5300\_Right Ear\_Cheek

Communication System: 5GWALN; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.682$  S/m;  $\epsilon_r = 35.343$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.33, 4.33, 4.33); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP110A/802.11a\_ch60\_f5300\_Right Ear\_Cheek/Area Scan (9x16x1): Measurement

grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.427 W/kg

MWP110A/802.11a\_ch60\_f5300\_Right Ear\_Cheek/Zoom Scan (7x7x12)/Cube 0:

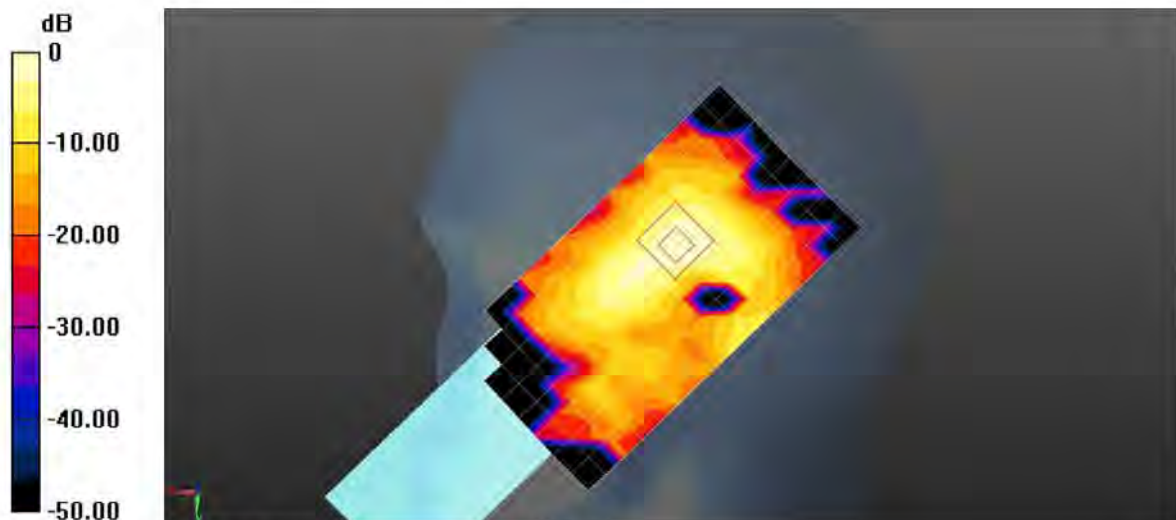
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.916 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.508 W/kg



## 5300\_Right Ear\_Tilt

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch60\_f5300\_Right Ear\_Tilt

Communication System: 5GWALN; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.682$  S/m;  $\epsilon_r = 35.343$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.33, 4.33, 4.33); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP110A/802.11a\_ch60\_f5300\_Right Ear\_Tilt/Area Scan (9x16x1): Measurement grid:

$dx=10$ mm,  $dy=10$ mm

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

MWP110A/802.11a\_ch60\_f5300\_Right Ear\_Tilt/Zoom Scan (7x7x12)/Cube 0:

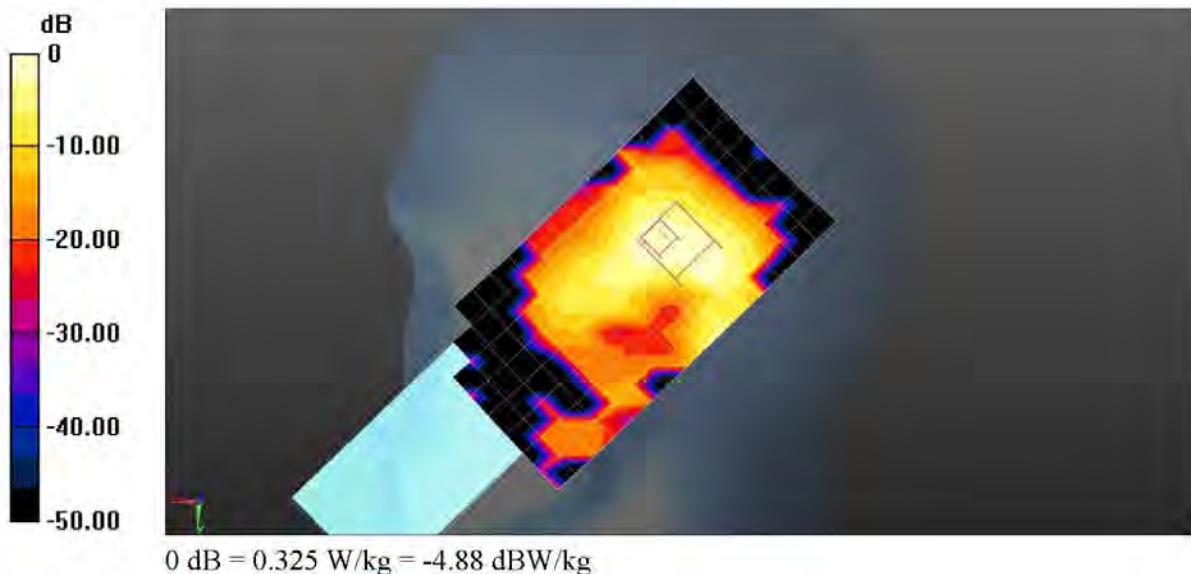
Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 3.178 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.538 W/kg

**SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.054 W/kg**

Maximum value of SAR (measured) = 0.325 W/kg



## 5580\_Left Ear\_Cheek

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch116\_f5580\_Left Ear\_Cheek

Communication System: 5GWALN; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.008$  S/m;  $\epsilon_r = 34.668$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.09, 4.09, 4.09); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch116\_f5580\_Left Ear\_Cheek/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

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

MWP1100A/802.11a\_ch116\_f5580\_Left Ear\_Cheek/Zoom Scan (7x7x12)/Cube 0:

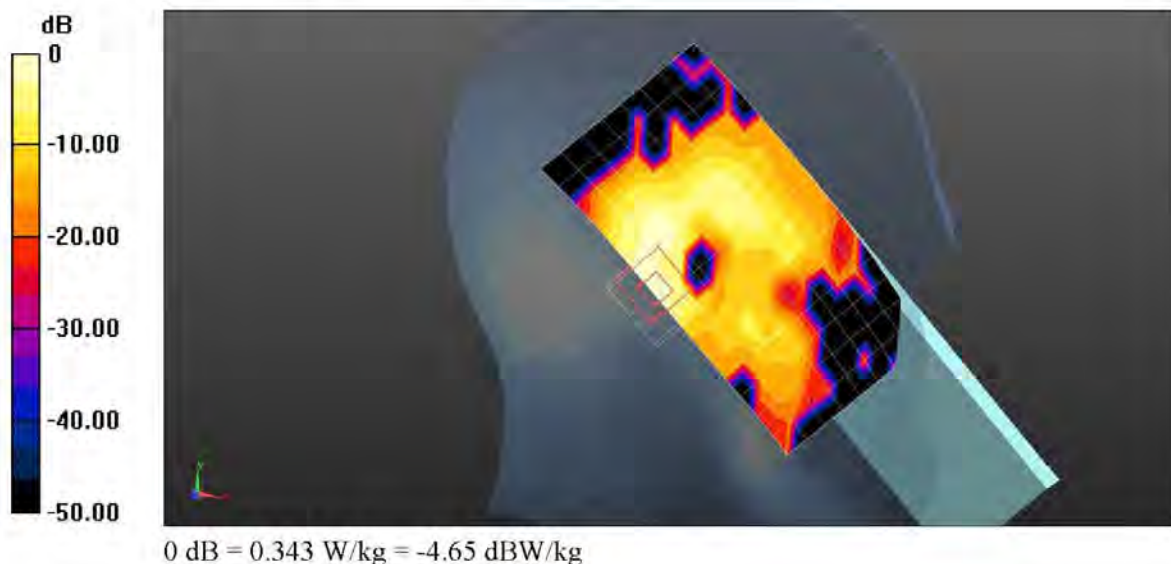
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.829 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.540 W/kg

**SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.052 W/kg**

Maximum value of SAR (measured) = 0.343 W/kg





## 5580\_Left Ear\_Tilt

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch116\_f5580\_Left Ear\_Tilt

Communication System: 5GWALN; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.008$  S/m;  $\epsilon_r = 34.668$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.09, 4.09, 4.09); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch116\_f5580\_Left Ear\_Tilt/Area Scan (9x16x1): Measurement grid:

$dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.365 W/kg

MWP1100A/802.11a\_ch116\_f5580\_Left Ear\_Tilt/Zoom Scan (7x7x12)/Cube 0:

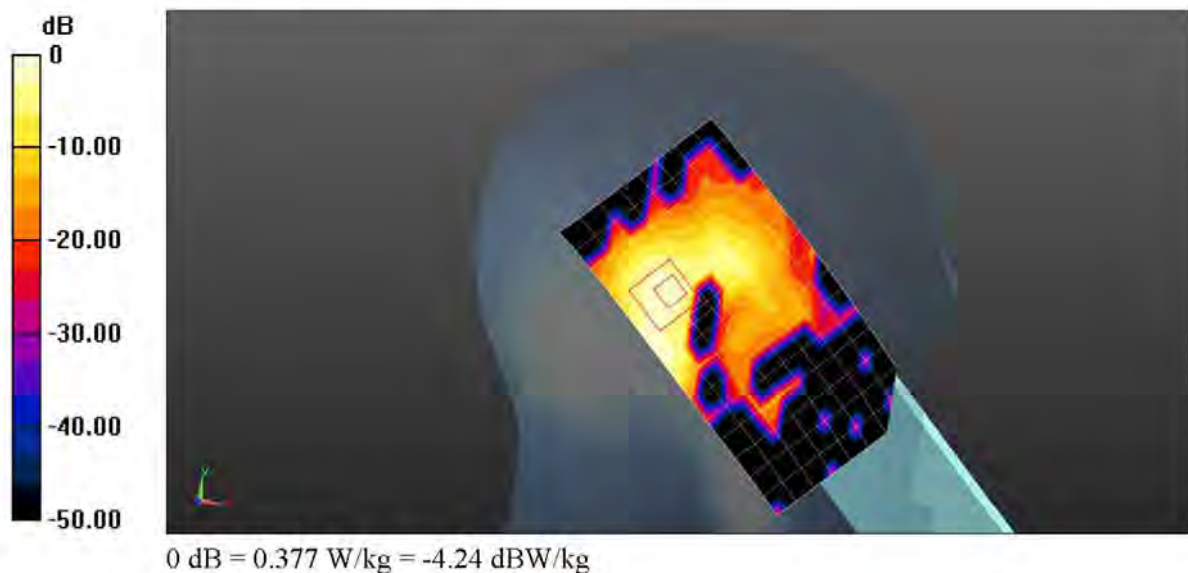
Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 2.035 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.620 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.059 W/kg

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



## 5580\_Right Ear\_Cheek

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch116\_f5580\_Right Ear\_Cheek

Communication System: 5G WALN; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.008$  S/m;  $\epsilon_r = 34.668$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.09, 4.09, 4.09); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP110A/802.11a\_ch116\_f5580\_Right Ear\_Cheek/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.288 W/kg

MWP110A/802.11a\_ch116\_f5580\_Right Ear\_Cheek/Zoom Scan (7x7x12)/Cube 0:

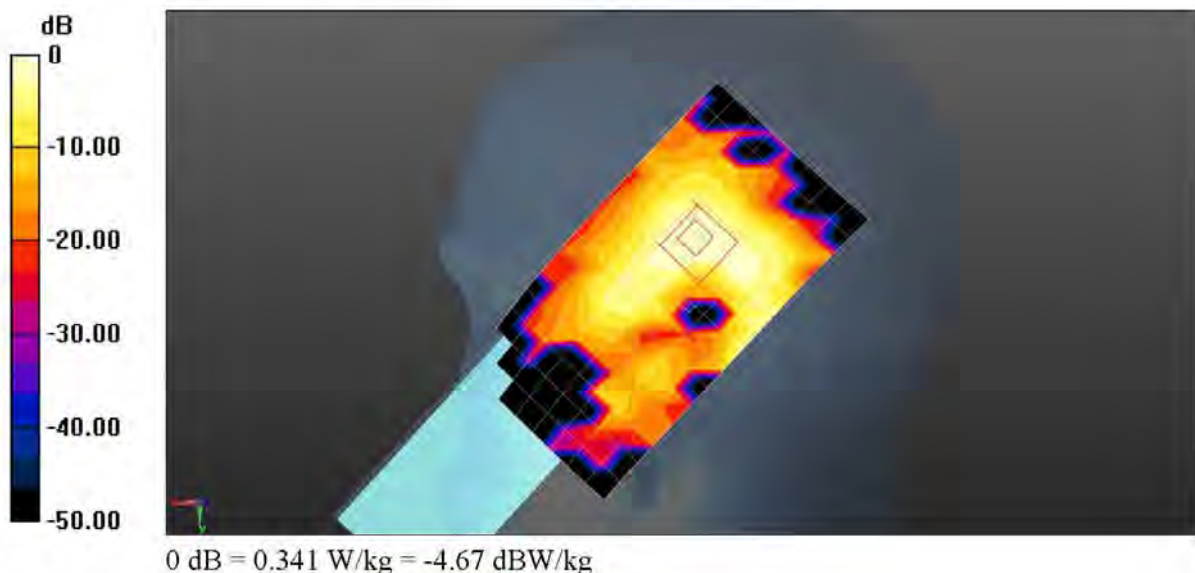
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.124 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.641 W/kg

**SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.053 W/kg**

Maximum value of SAR (measured) = 0.341 W/kg



## 5580\_Right Ear\_Tilt

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch116\_f5580\_Right Ear\_Tilt

Communication System: 5GWALN; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.008$  S/m;  $\epsilon_r = 34.668$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.09, 4.09, 4.09); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP110A/802.11a\_ch116\_f5580\_Right Ear\_Tilt/Area Scan (9x16x1): Measurement grid:

$dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.269 W/kg

MWP110A/802.11a\_ch116\_f5580\_Right Ear\_Tilt/Zoom Scan (7x7x12)/Cube 0:

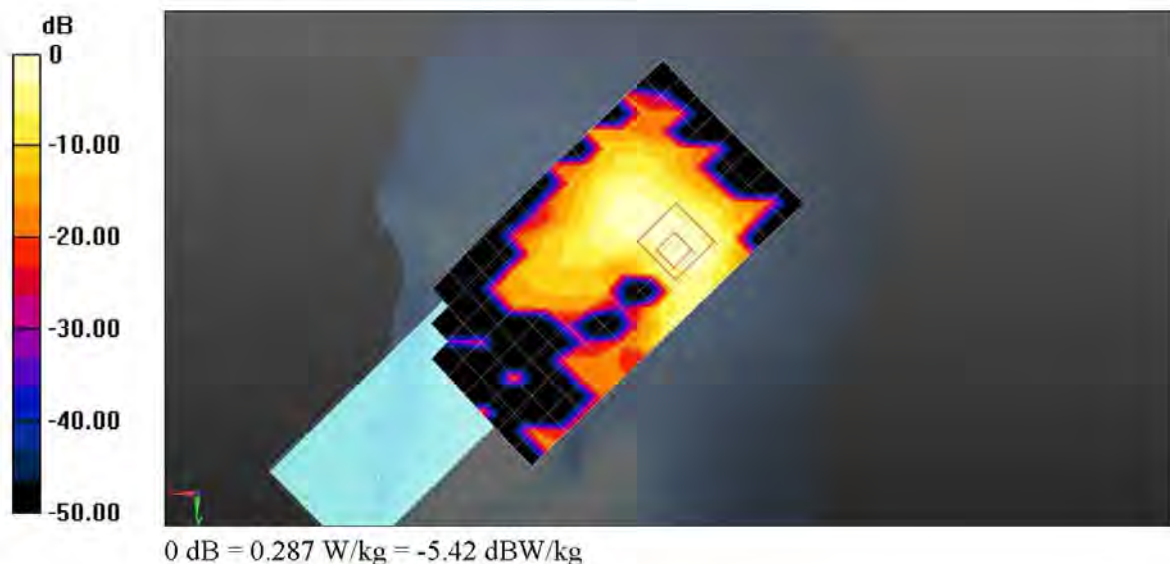
Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 4.377 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.528 W/kg

**SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.048 W/kg**

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





## 5785\_Left Ear\_Cheek

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch157\_f5785\_Left Ear\_Cheek

Communication System: 5GWALN; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.22$  S/m;  $\epsilon_r = 34.21$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.25, 4.25, 4.25); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch157\_f5785\_Left Ear\_Cheek/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.203 W/kg

MWP1100A/802.11a\_ch157\_f5785\_Left Ear\_Cheek/Zoom Scan (7x7x12)/Cube 0:

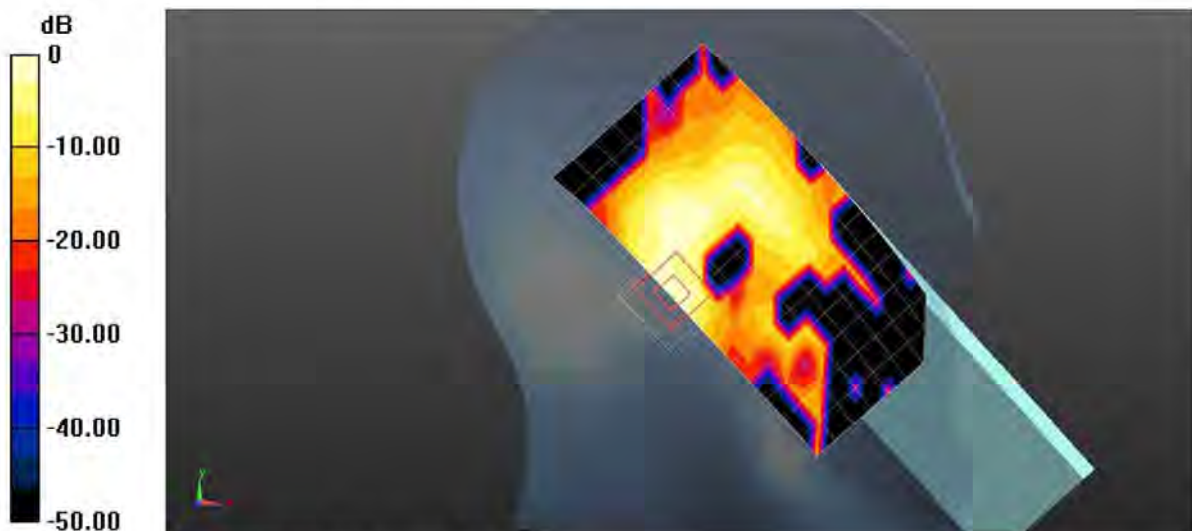
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.927 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.403 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.032 W/kg**

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



## 5785\_Left Ear\_Tilt

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch157\_f5785\_Left Ear\_Tilt

Communication System: 5GWALN; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.22$  S/m;  $\epsilon_r = 34.21$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.25, 4.25, 4.25); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch157\_f5785\_Left Ear\_Tilt/Area Scan (9x16x1): Measurement grid:

$dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.349 W/kg

MWP1100A/802.11a\_ch157\_f5785\_Left Ear\_Tilt/Zoom Scan (7x7x12)/Cube 0:

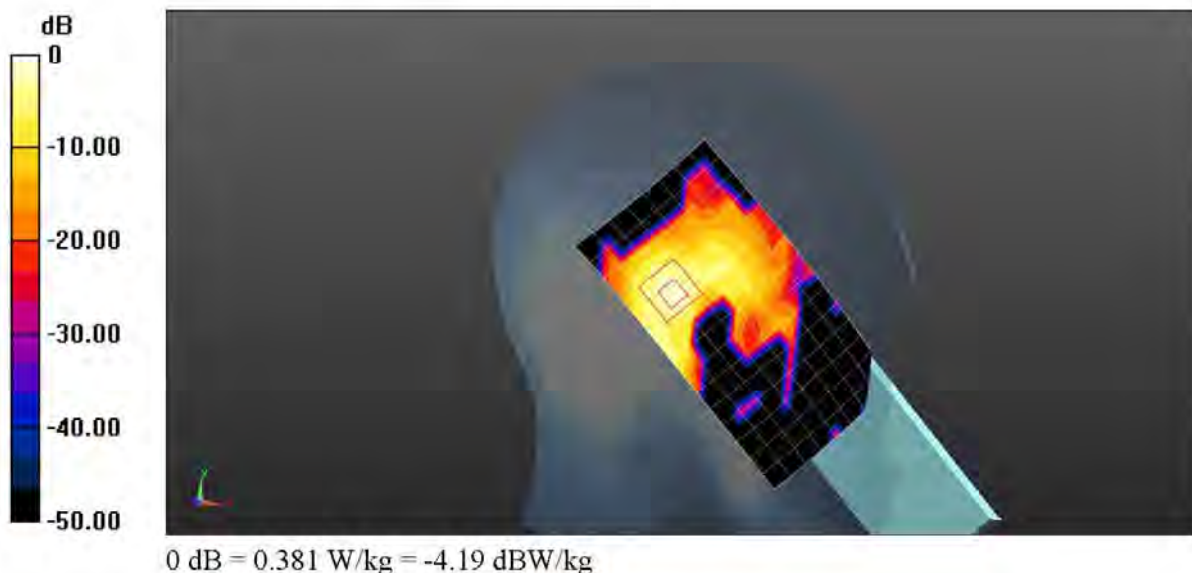
Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 2.039 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.730 W/kg

**SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.052 W/kg**

Maximum value of SAR (measured) = 0.381 W/kg





## 5785\_Right Ear\_Cheek

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch157\_f5785\_Right Ear\_Cheek

Communication System: 5GWALN; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.22$  S/m;  $\epsilon_r = 34.21$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.25, 4.25, 4.25); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP110A/802.11a\_ch157\_f5785\_Right Ear\_Cheek/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

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

MWP110A/802.11a\_ch157\_f5785\_Right Ear\_Cheek/Zoom Scan (8x8x13)/Cube 0:

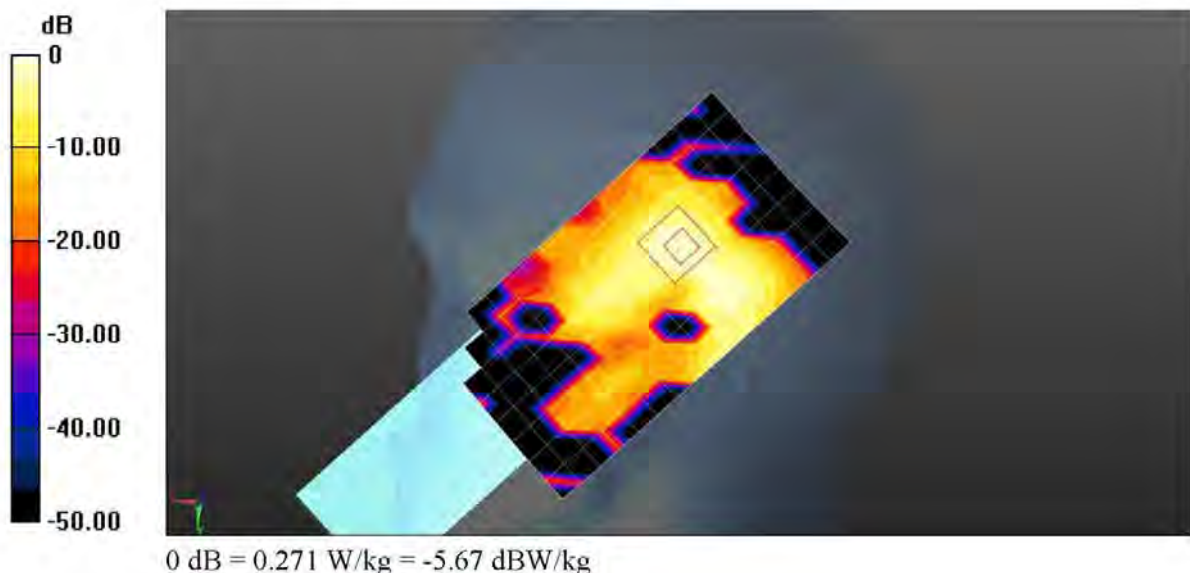
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.285 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.558 W/kg

**SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.038 W/kg**

Maximum value of SAR (measured) = 0.271 W/kg



## 5785\_Right Ear\_Tilt

**DUT: MWP1100A; Type: WIFI Phone; Serial: N/A**  
**Procedure Name: 802.11a\_ch157\_f5785\_Right Ear\_Tilt**

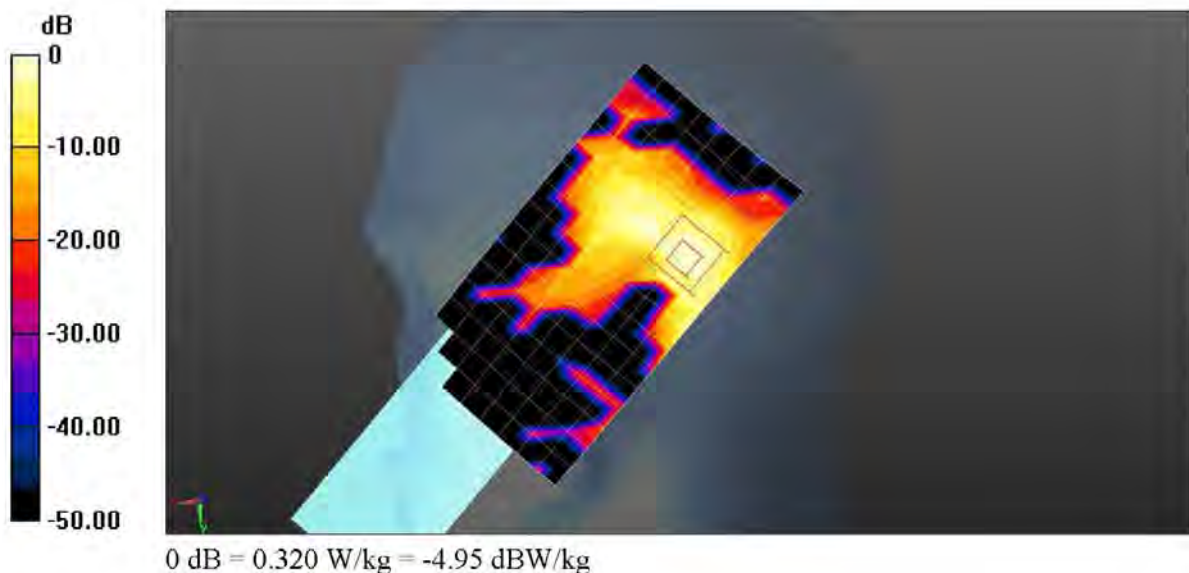
Communication System: 5GWALN; Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.22$  S/m;  $\epsilon_r = 34.21$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.25, 4.25, 4.25); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**MWP110A/802.11a\_ch157\_f5785\_Right Ear\_Tilt/Area Scan (9x16x1):** Measurement grid:  
dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.298 W/kg

**MWP110A/802.11a\_ch157\_f5785\_Right Ear\_Tilt/Zoom Scan (7x7x12)/Cube 0:**  
Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 3.587 V/m; Power Drift = 0.14 dB  
Peak SAR (extrapolated) = 0.588 W/kg  
**SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.050 W/kg**  
Maximum value of SAR (measured) = 0.320 W/kg



## 18.4 WLAN 5 GHz - Body

### 5200\_Front\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11b\_ch40\_f5200\_Front gap 15mm

Communication System: 5GWALN; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.41$  S/m;  $\epsilon_r = 48.618$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.28, 4.28, 4.28); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11b\_ch40\_f5200\_Front gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0203 W/kg

MWP1100A/802.11b\_ch40\_f5200\_Front gap 15mm/Zoom Scan (8x8x13)/Cube 0:

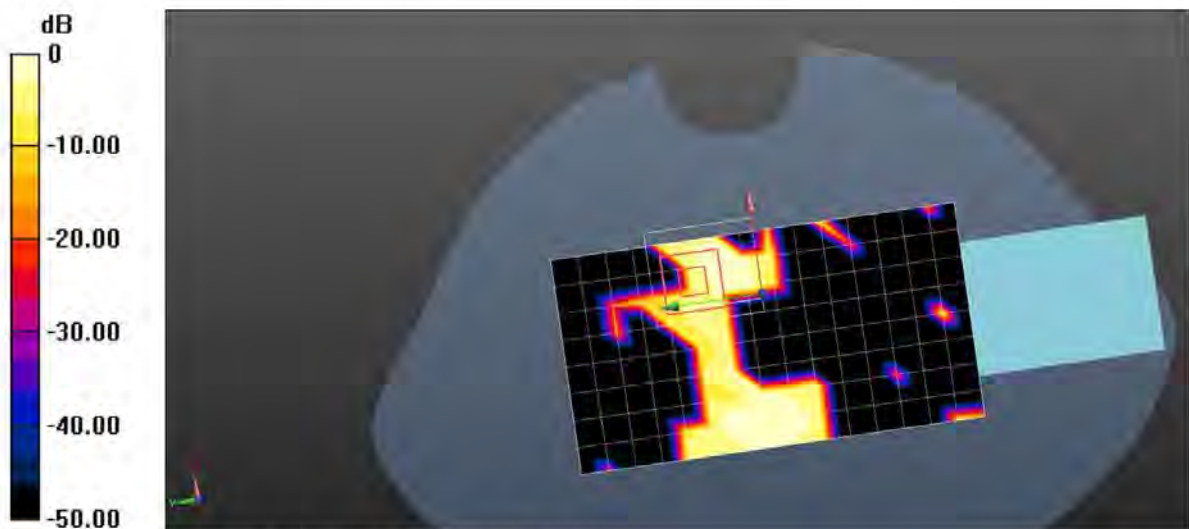
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0230 W/kg

**SAR(1 g) = 0.000316 W/kg; SAR(10 g) = 3.17e-005 W/kg**

Maximum value of SAR (measured) = 0.0146 W/kg



0 dB = 0.0146 W/kg = -18.36 dBW/kg



## 5200\_Back\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch40\_f5200\_Back gap 15mm

Communication System: 5GWALN; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.41$  S/m;  $\epsilon_r = 48.618$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.28, 4.28, 4.28); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch40\_f5200\_Back gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.237 W/kg

MWP1100A/802.11a\_ch40\_f5200\_Back gap 15mm/Zoom Scan (8x8x13)/Cube 0:

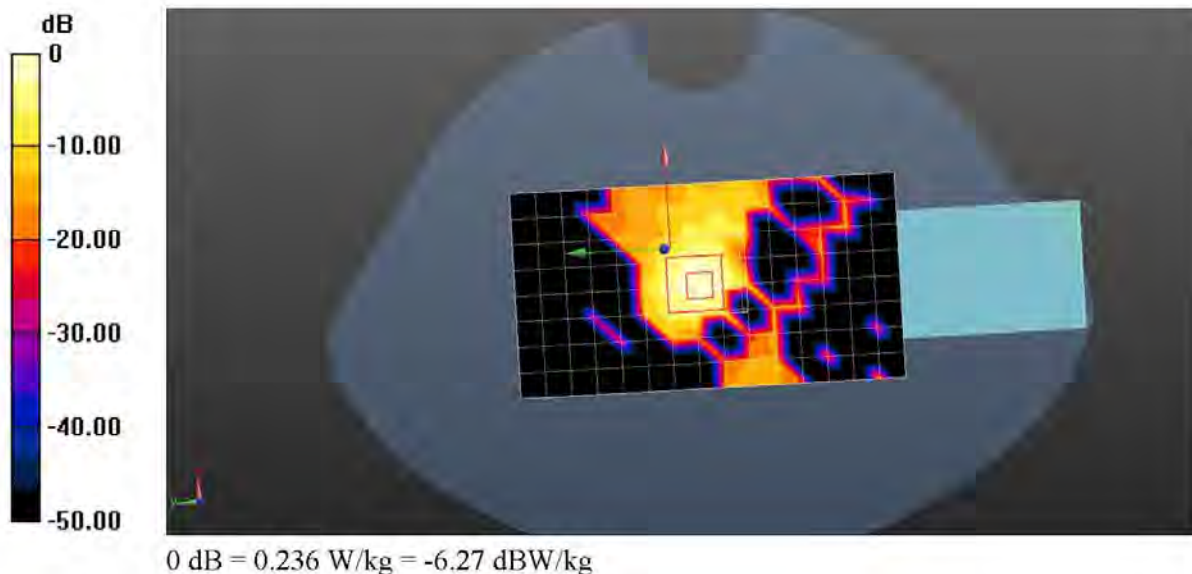
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.313 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.371 W/kg

**SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.038 W/kg**

Maximum value of SAR (measured) = 0.236 W/kg



## 5200\_Edge1\_gap 15 mm

**DUT: MWP1100A; Type: WIFI Phone; Serial: N/A**

**Procedure Name: 802.11a\_ch40\_f5200\_Edge1 gap 15mm**

Communication System: 5GWALN; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.41$  S/m;  $\epsilon_r = 48.618$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.28, 4.28, 4.28); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**MWP1100A/802.11a\_ch40\_f5200\_Edge1 gap 15mm/Area Scan (8x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0909 W/kg

**MWP1100A/802.11a\_ch40\_f5200\_Edge1 gap 15mm/Zoom Scan (8x8x13)/Cube 0:**

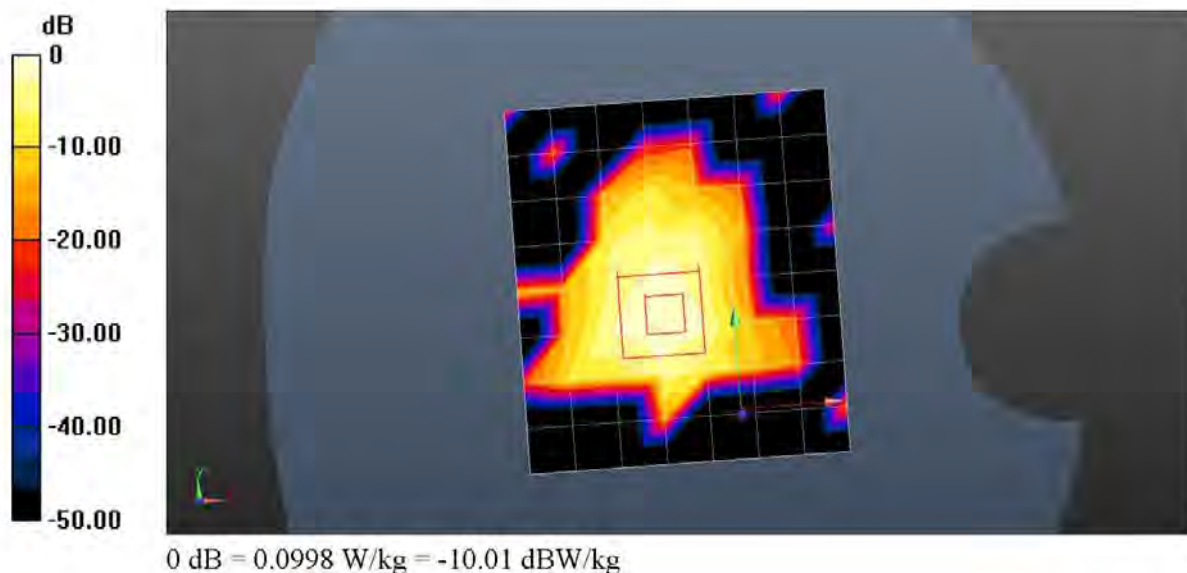
**Measurement grid: dx=4mm, dy=4mm, dz=2mm**

Reference Value = 4.160 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.200 W/kg

**SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.017 W/kg**

Maximum value of SAR (measured) = 0.0998 W/kg



## 5200\_Edge2\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11b\_ch40\_f5200\_Edge2\_gap 15mm

Communication System: 5GWALN; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.41$  S/m;  $\epsilon_r = 48.618$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.28, 4.28, 4.28); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11b\_ch40\_f5200\_Edge2\_gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0995 W/kg

MWP1100A/802.11b\_ch40\_f5200\_Edge2\_gap 15mm/Zoom Scan (8x8x13)/Cube 0:

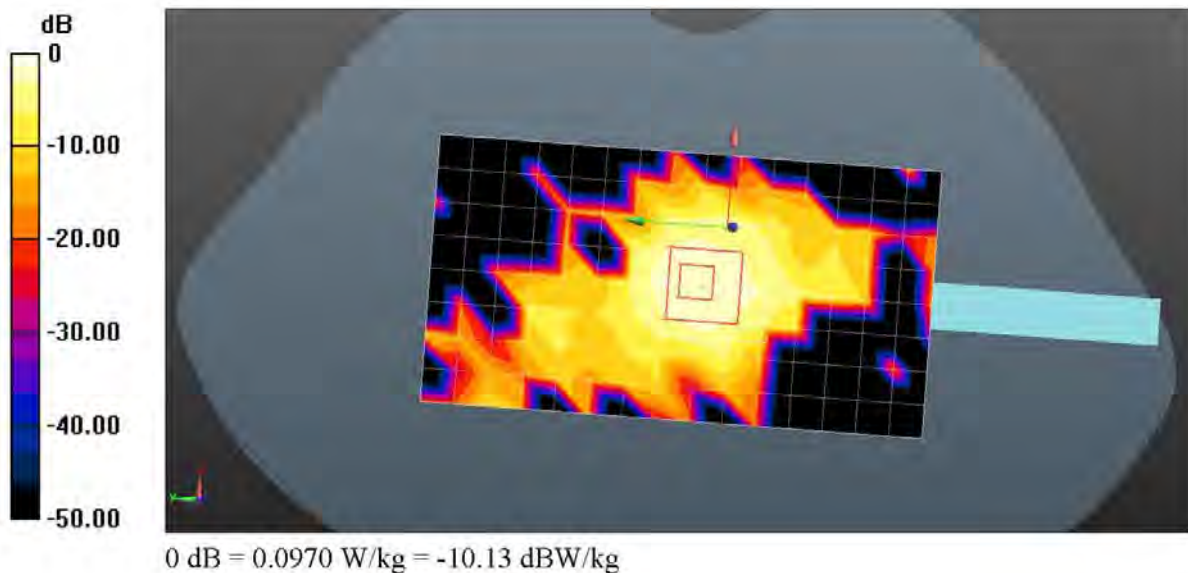
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.825 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.234 W/kg

**SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.017 W/kg**

Maximum value of SAR (measured) = 0.0970 W/kg





## 5200\_Edge3\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11b\_ch40\_f5200\_Edge3 gap 15mm

Communication System: 5GWALN; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.41$  S/m;  $\epsilon_r = 48.618$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.28, 4.28, 4.28); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11b\_ch40\_f5200\_Edge3 gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0250 W/kg

MWP1100A/802.11b\_ch40\_f5200\_Edge3 gap 15mm/Zoom Scan (8x8x13)/Cube 0:

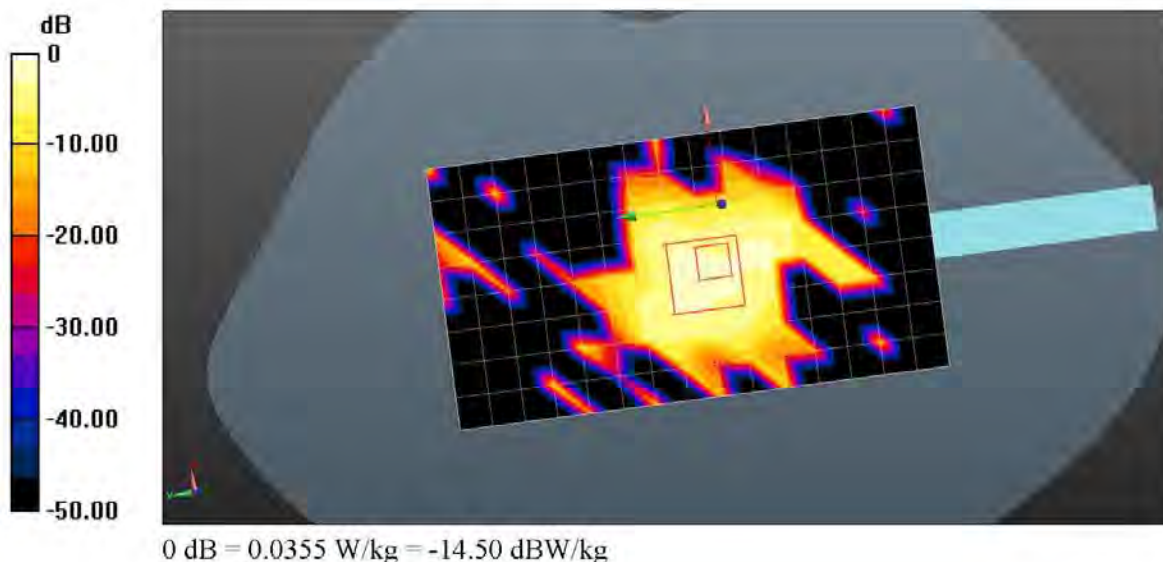
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.135 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0860 W/kg

**SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00394 W/kg**

Maximum value of SAR (measured) = 0.0355 W/kg



## 5300\_Front\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch60\_f5300\_Front gap 15mm

Communication System: 5GWALN; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 6.007$  S/m;  $\epsilon_r = 47.929$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(3.74, 3.74, 3.74); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch60\_f5300\_Front gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0347 W/kg

MWP1100A/802.11a\_ch60\_f5300\_Front gap 15mm/Zoom Scan (8x8x13)/Cube 0:

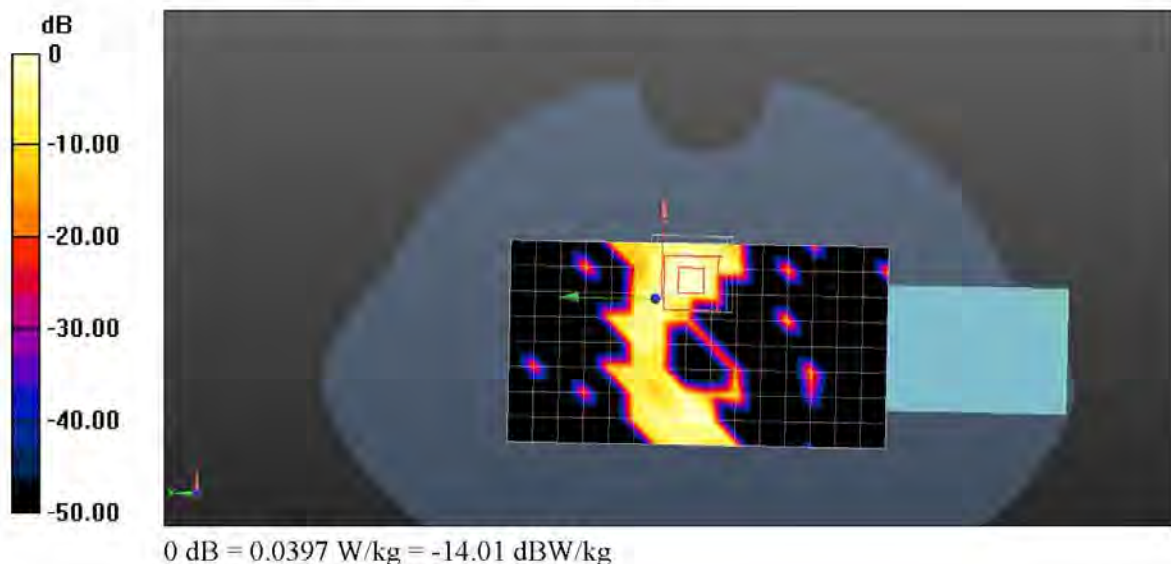
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.108 W/kg

**SAR(1 g) = 0.00179 W/kg; SAR(10 g) = 0.000233 W/kg**

Maximum value of SAR (measured) = 0.0397 W/kg



## 5300\_Back\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch60\_f5300\_Back gap 15mm

Communication System: 5GWALN; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 6.007$  S/m;  $\epsilon_r = 47.929$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(3.74, 3.74, 3.74); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch60\_f5300\_Back gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.244 W/kg

MWP1100A/802.11a\_ch60\_f5300\_Back gap 15mm/Zoom Scan (8x8x13)/Cube 0:

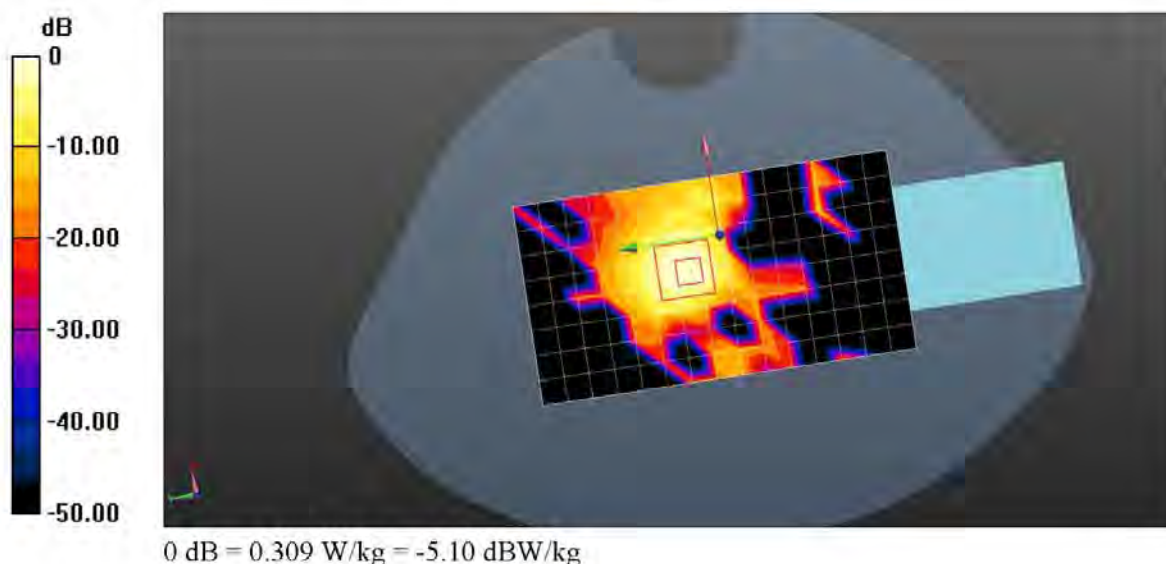
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.399 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.513 W/kg

**SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.049 W/kg**

Maximum value of SAR (measured) = 0.309 W/kg





## 5300\_Edge1\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch60\_f5300\_Edge1 gap 15mm

Communication System: 5GWALN; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.616$  S/m;  $\epsilon_r = 48.324$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.16, 4.16, 4.16); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch60\_f5300\_Edge1 gap 15mm/Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm

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

MWP1100A/802.11a\_ch60\_f5300\_Edge1 gap 15mm/Zoom Scan (8x8x13)/Cube 0:

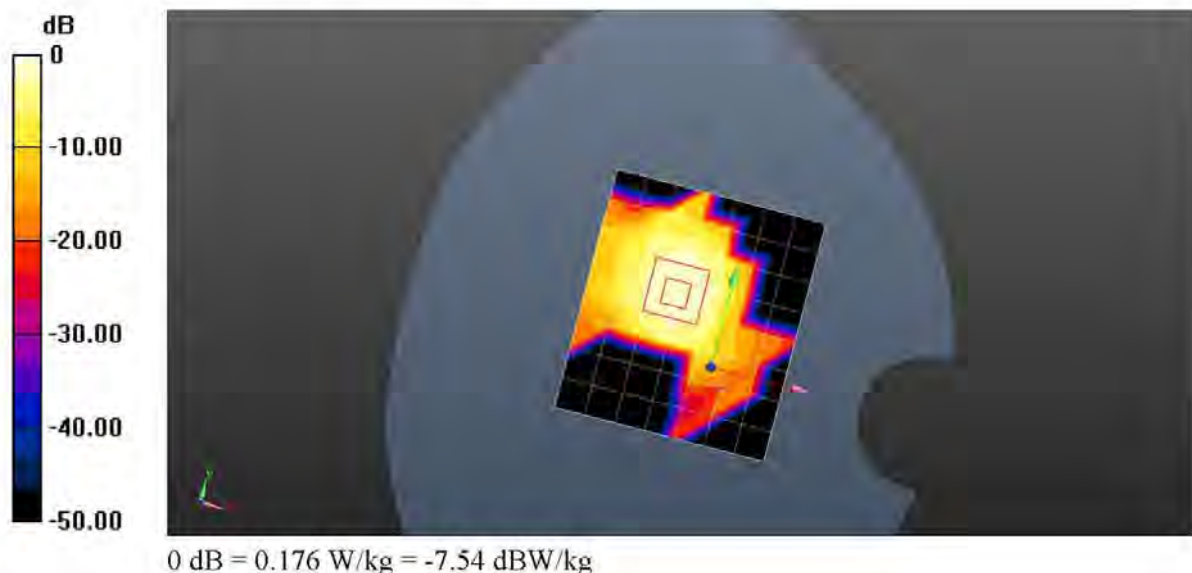
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.943 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.275 W/kg

**SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.035 W/kg**

Maximum value of SAR (measured) = 0.176 W/kg



## 5300\_Edge2\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11b\_ch60\_f5300\_Edge2 gap 15mm

Communication System: 5GWALN; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.616$  S/m;  $\epsilon_r = 48.324$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.16, 4.16, 4.16); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**MWP1100A/802.11b\_ch60\_f5300\_Edge2 gap 15mm/Area Scan (9x16x1):** Measurement grid: dx=10mm, dy=10mm

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

**MWP1100A/802.11b\_ch60\_f5300\_Edge2 gap 15mm/Zoom Scan (8x8x13)/Cube 0:**

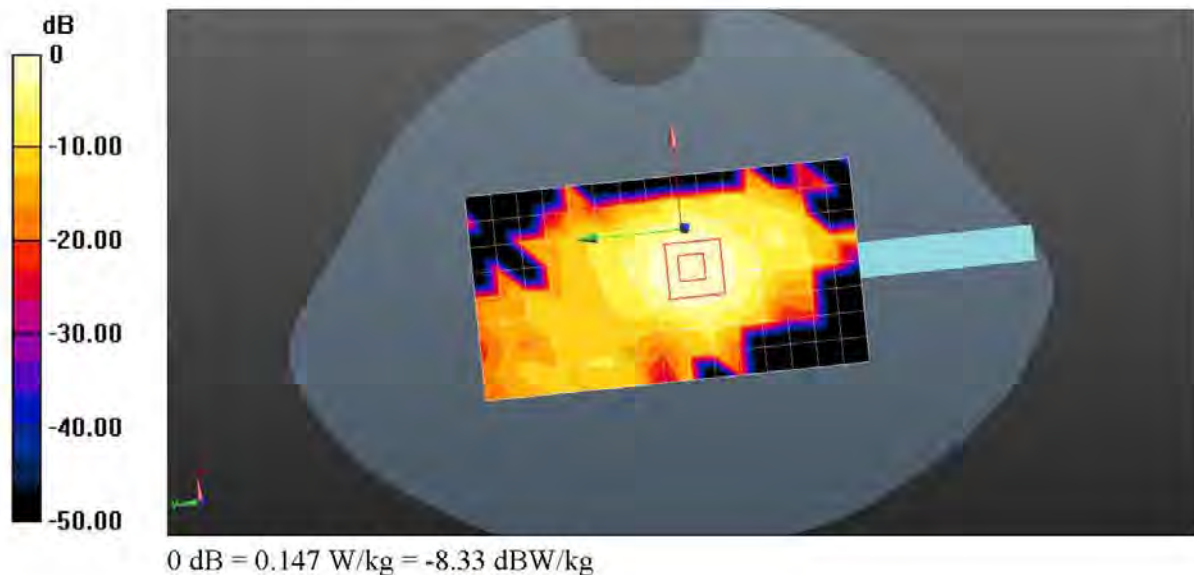
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.149 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.373 W/kg

**SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.026 W/kg**

Maximum value of SAR (measured) = 0.147 W/kg



## 5300\_Edge3\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11b\_ch60\_f5300\_Edge3\_gap 15mm

Communication System: 5GWALN; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.616$  S/m;  $\epsilon_r = 48.324$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(4.16, 4.16, 4.16); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11b\_ch60\_f5300\_Edge3\_gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0519 W/kg

MWP1100A/802.11b\_ch60\_f5300\_Edge3\_gap 15mm/Zoom Scan (8x8x13)/Cube 0:

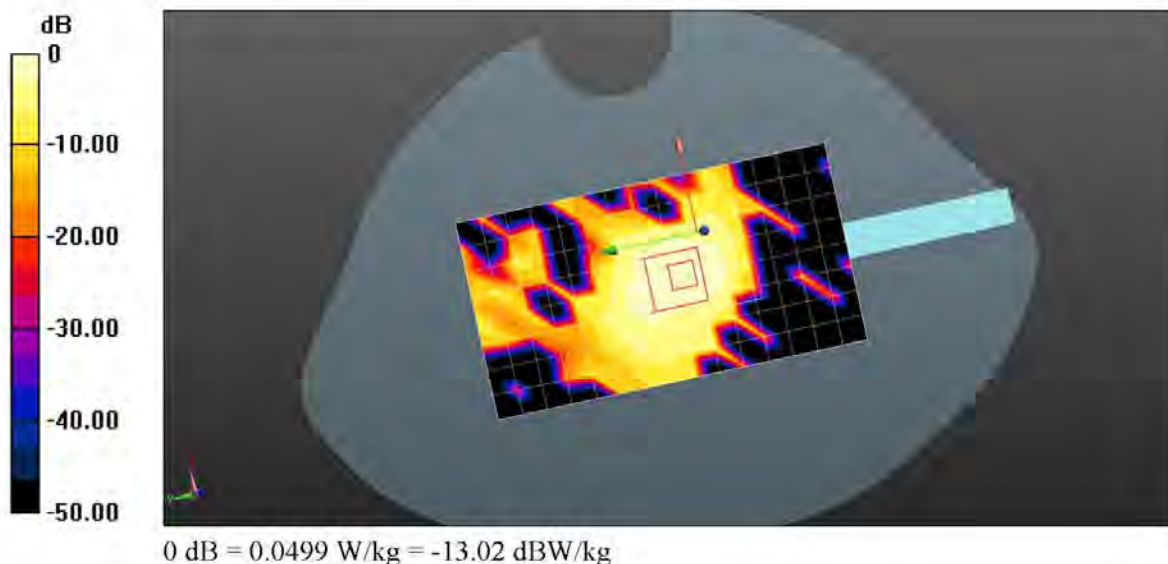
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.272 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.135 W/kg

**SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00892 W/kg**

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





## 5580\_Front\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch116\_f5580\_Front gap 15mm

Communication System: 5GWALN; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.858$  S/m;  $\epsilon_r = 47.165$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(3.74, 3.74, 3.74); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch116\_f5580\_Front gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0465 W/kg

MWP1100A/802.11a\_ch116\_f5580\_Front gap 15mm/Zoom Scan (8x8x13)/Cube 0:

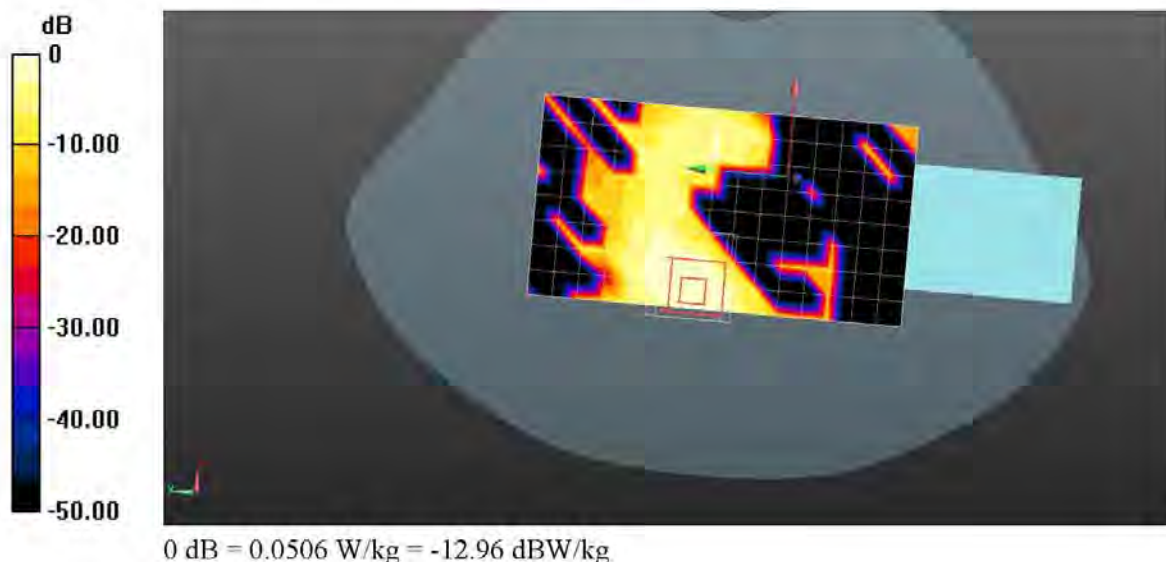
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.140 W/kg

**SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.0084 W/kg**

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



## 5580\_Back\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch116\_f5580\_Back gap 15mm

Communication System: 5GWALN; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.858$  S/m;  $\epsilon_r = 47.165$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(3.74, 3.74, 3.74); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch116\_f5580\_Back gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.258 W/kg

MWP1100A/802.11a\_ch116\_f5580\_Back gap 15mm/Zoom Scan (8x8x13)/Cube 0:

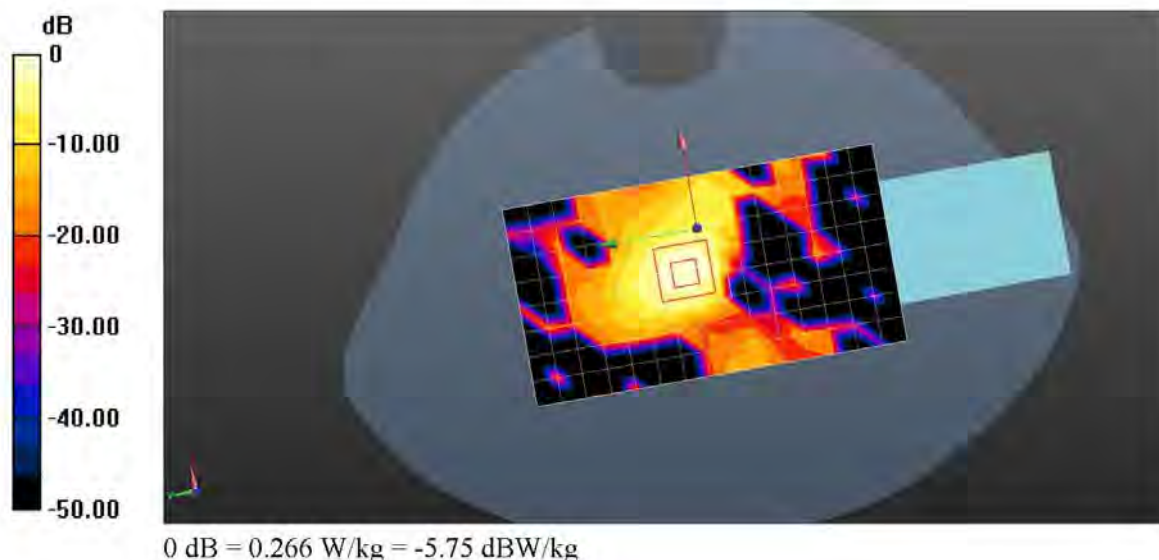
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.370 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.553 W/kg

**SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.040 W/kg**

Maximum value of SAR (measured) = 0.266 W/kg



## 5580\_Edge1\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch116\_f5580\_Edge1 gap 15mm

Communication System: 5GWALN; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.858$  S/m;  $\epsilon_r = 47.165$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(3.74, 3.74, 3.74); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch116\_f5580\_Edge1 gap 15mm/Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.222 W/kg

MWP1100A/802.11a\_ch116\_f5580\_Edge1 gap 15mm/Zoom Scan (8x8x13)/Cube 0:

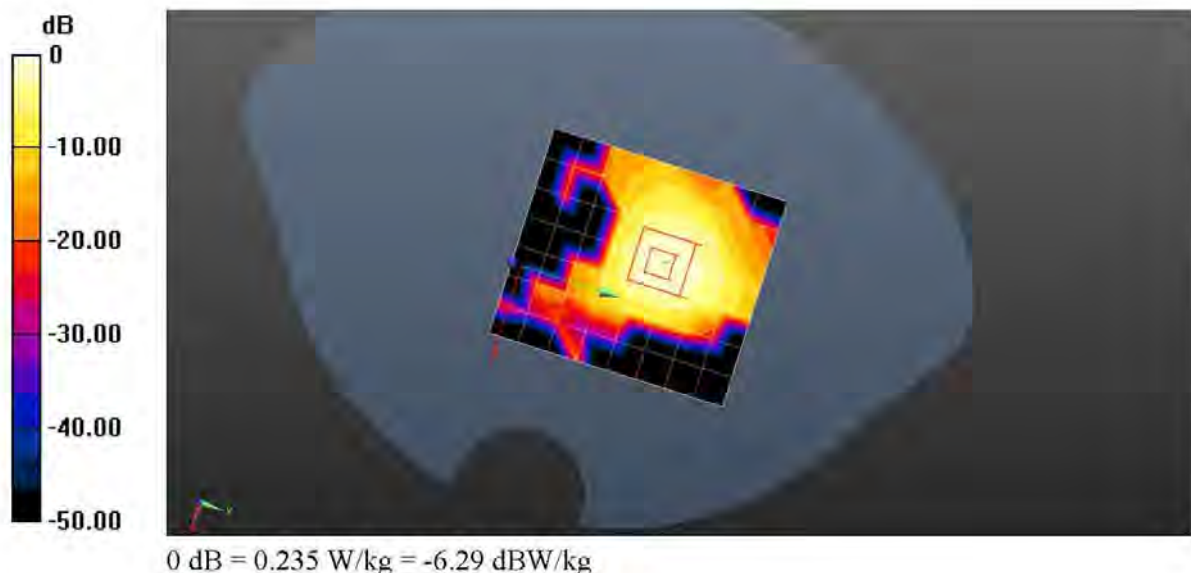
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.548 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.609 W/kg

SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.040 W/kg

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





## 5580\_Edge2\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch116\_f5580\_Edge2 gap 15mm

Communication System: 5GWALN; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.858$  S/m;  $\epsilon_r = 47.165$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(3.74, 3.74, 3.74); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch116\_f5580\_Edge2 gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

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

MWP1100A/802.11a\_ch116\_f5580\_Edge2 gap 15mm/Zoom Scan (8x8x7)/Cube 0:

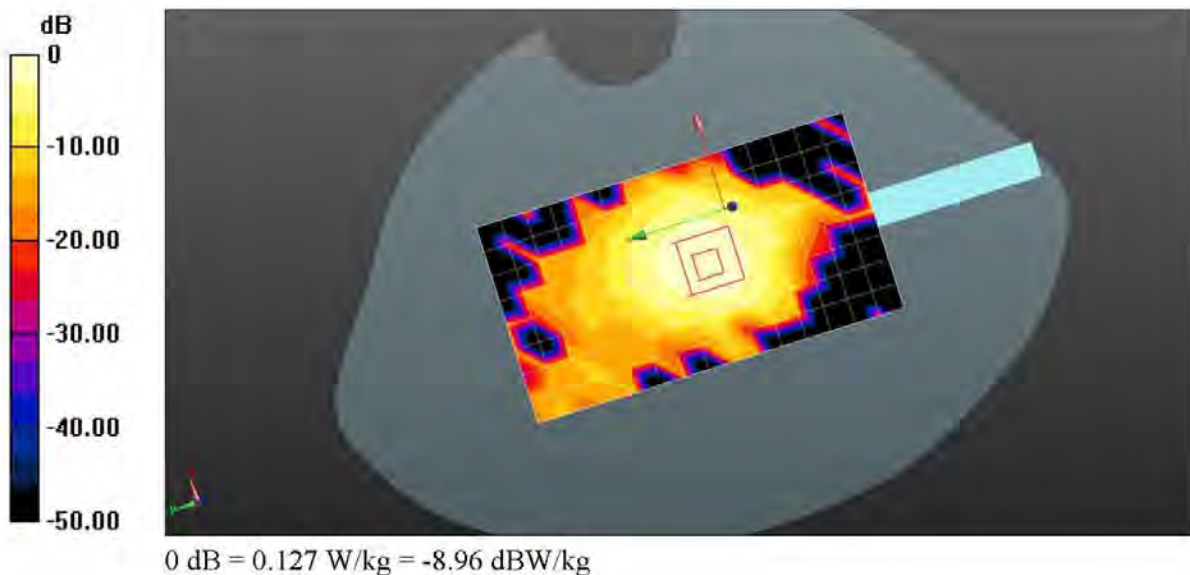
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.150 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.349 W/kg

**SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.024 W/kg**

Maximum value of SAR (measured) = 0.127 W/kg



## 5580\_Edge3\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch116\_f5580\_Edge3 gap 15mm

Communication System: 5GWALN; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.858$  S/m;  $\epsilon_r = 47.165$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(3.74, 3.74, 3.74); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch116\_f5580\_Edge3 gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

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

MWP1100A/802.11a\_ch116\_f5580\_Edge3 gap 15mm/Zoom Scan (8x8x13)/Cube 0:

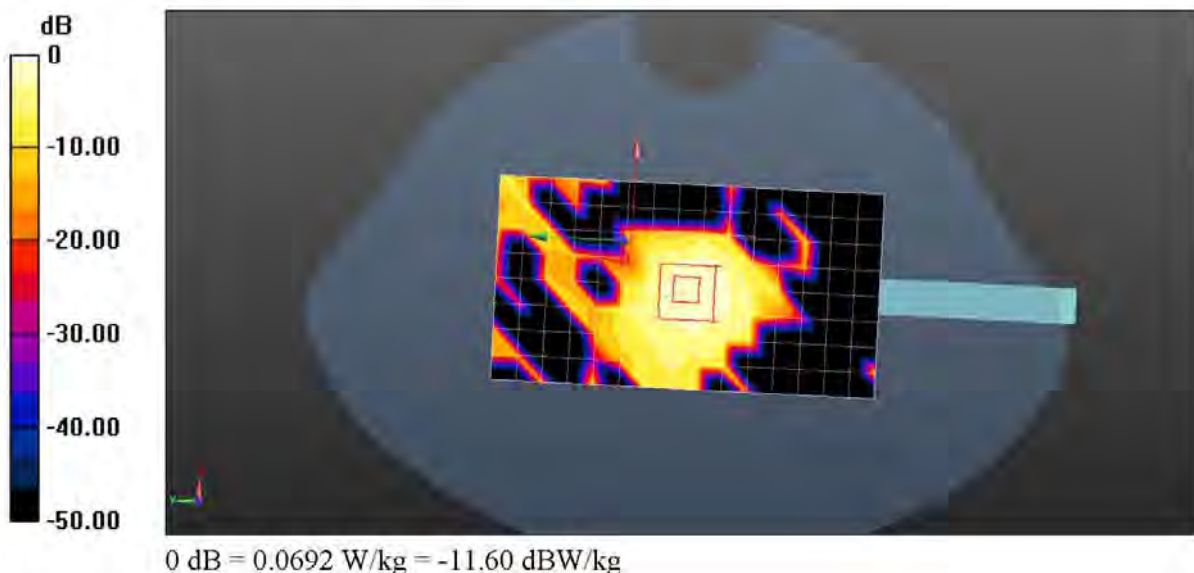
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.580 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.181 W/kg

**SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.012 W/kg**

Maximum value of SAR (measured) = 0.0692 W/kg



## 5785\_Front\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch157\_f5785\_Front gap 15mm

Communication System: 5GWALN; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.229$  S/m;  $\epsilon_r = 46.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(3.87, 3.87, 3.87); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch157\_f5785\_Front gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0231 W/kg

MWP1100A/802.11a\_ch157\_f5785\_Front gap 15mm/Zoom Scan (8x8x13)/Cube 0:

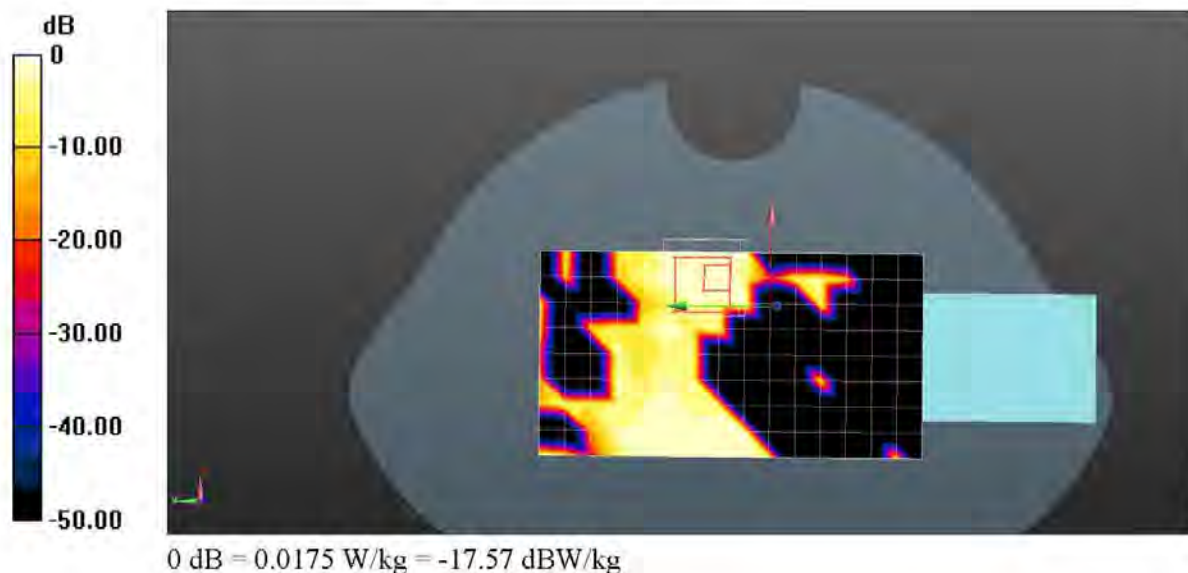
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0350 W/kg

SAR(1 g) = 0.000445 W/kg; SAR(10 g) = 8.34e-005 W/kg

Maximum value of SAR (measured) = 0.0175 W/kg





## 5785\_Back\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch157\_f5785\_Back gap 15mm

Communication System: 5GWALN; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.229$  S/m;  $\epsilon_r = 46.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(3.87, 3.87, 3.87); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch157\_f5785\_Back gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.162 W/kg

MWP1100A/802.11a\_ch157\_f5785\_Back gap 15mm/Zoom Scan (8x8x13)/Cube 0:

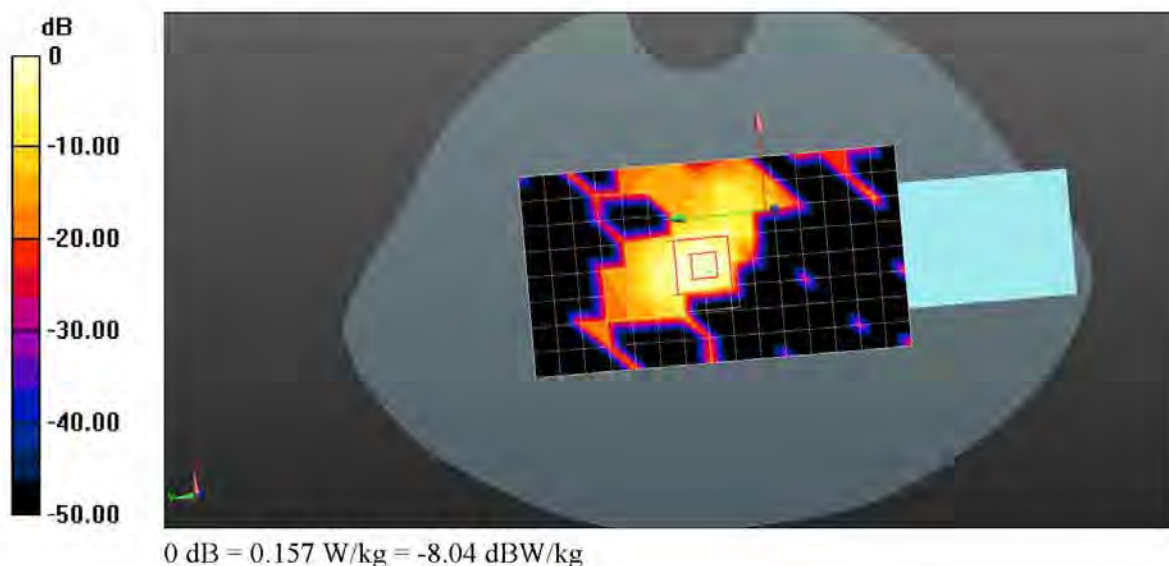
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.213 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.157 W/kg



## 5785\_Edge1\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch157\_f5785\_Edge1 gap 15mm

Communication System: 5GWALN; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.229$  S/m;  $\epsilon_r = 46.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(3.87, 3.87, 3.87); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch157\_f5785\_Edge1 gap 15mm/Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm

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

MWP1100A/802.11a\_ch157\_f5785\_Edge1 gap 15mm/Zoom Scan (8x8x13)/Cube 0:

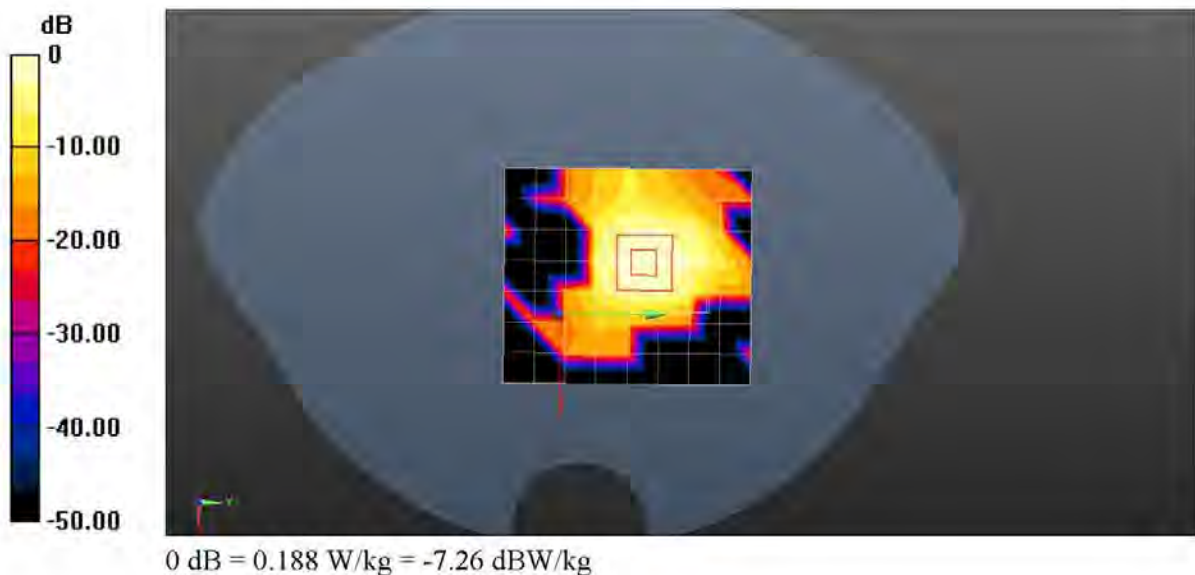
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.180 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.521 W/kg

**SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.033 W/kg**

Maximum value of SAR (measured) = 0.188 W/kg



## 5785\_Edge2\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch157\_f5785\_Edge2 gap 15mm

Communication System: 5GWALN; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.229$  S/m;  $\epsilon_r = 46.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(3.87, 3.87, 3.87); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch157\_f5785\_Edge2 gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0639 W/kg

MWP1100A/802.11a\_ch157\_f5785\_Edge2 gap 15mm/Zoom Scan (8x8x13)/Cube 0:

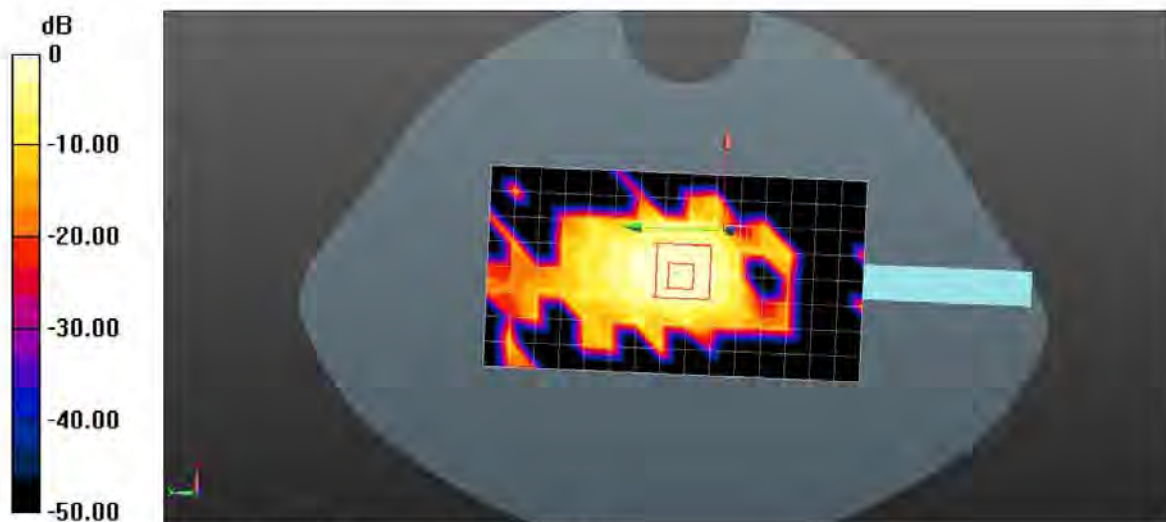
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.863 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.191 W/kg

**SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.012 W/kg**

Maximum value of SAR (measured) = 0.0702 W/kg



0 dB = 0.0702 W/kg = -11.54 dBW/kg



## 5785\_Edge3\_gap 15 mm

DUT: MWP1100A; Type: WIFI Phone; Serial: N/A

Procedure Name: 802.11a\_ch157\_f5785\_Edge3\_gap 15mm

Communication System: 5GWALN; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.229$  S/m;  $\epsilon_r = 46.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3865; ConvF(3.87, 3.87, 3.87); Calibrated: 06.08.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 09.08.2012
- Phantom: SAM with SN1728; Type: QD000P40CC; Serial: TP:1728
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

MWP1100A/802.11a\_ch157\_f5785\_Edge3\_gap 15mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0351 W/kg

MWP1100A/802.11a\_ch157\_f5785\_Edge3\_gap 15mm/Zoom Scan (8x8x13)/Cube 0:

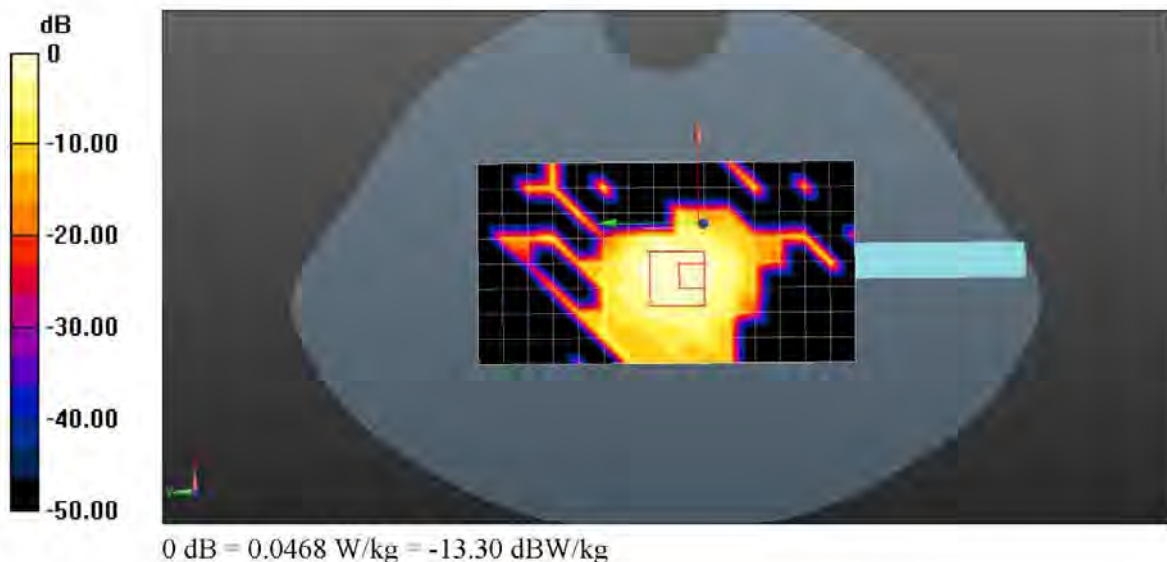
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.599 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.119 W/kg

**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00675 W/kg**

Maximum value of SAR (measured) = 0.0468 W/kg



## Annex A. Photographs

### Annex A.1 EUT



Front View



Back View