

**Test Plot 1#:Wi-Fi 2.4G Mode B\_Body Back\_Middle Channel****DUT: OtoSys; Type: OtoSys IM600; Serial: 17101600121**

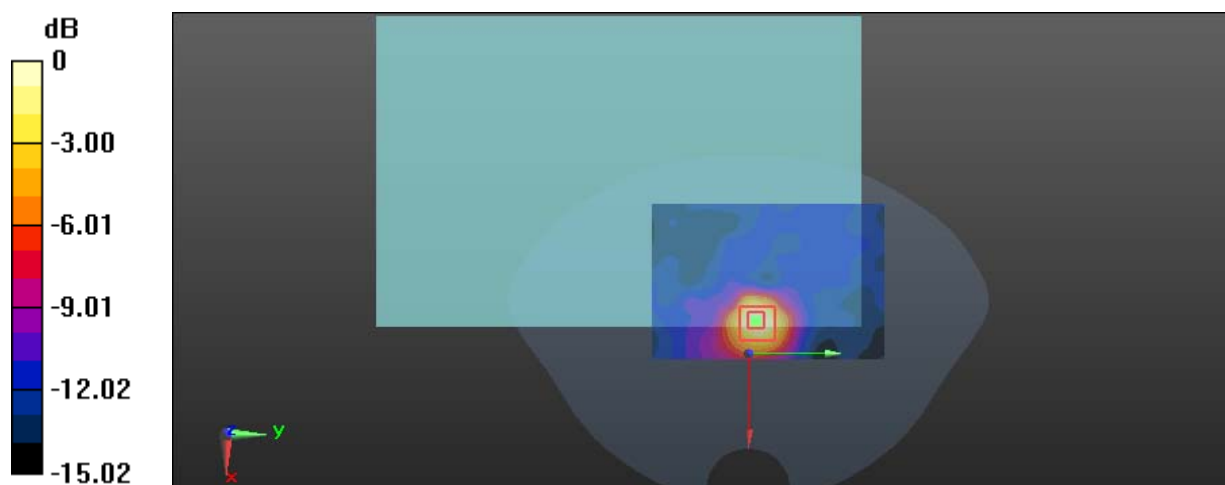
Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2442 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2442 \text{ MHz}$ ;  $\sigma = 1.983 \text{ S/m}$ ;  $\epsilon_r = 51.776$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(6.73, 6.73, 6.73); Calibrated: 2017/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x121x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$ Maximum value of SAR (interpolated) =  $0.371 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $9.988 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$ Peak SAR (extrapolated) =  $0.452 \text{ W/kg}$ **SAR(1 g) =  $0.208 \text{ W/kg}$ ; SAR(10 g) =  $0.101 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.340 \text{ W/kg}$  $0 \text{ dB} = 0.340 \text{ W/kg} = -4.69 \text{ dBW/kg}$

**Test Plot 2#:Wi-Fi 2.4G Mode B\_Body Top\_Middle Channel****DUT: OtoSys; Type: OtoSys IM600; Serial: 17101600121**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2442 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2442$  MHz;  $\sigma = 1.983$  S/m;  $\epsilon_r = 51.776$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(6.73, 6.73, 6.73); Calibrated: 2017/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x111x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.292 W/kg

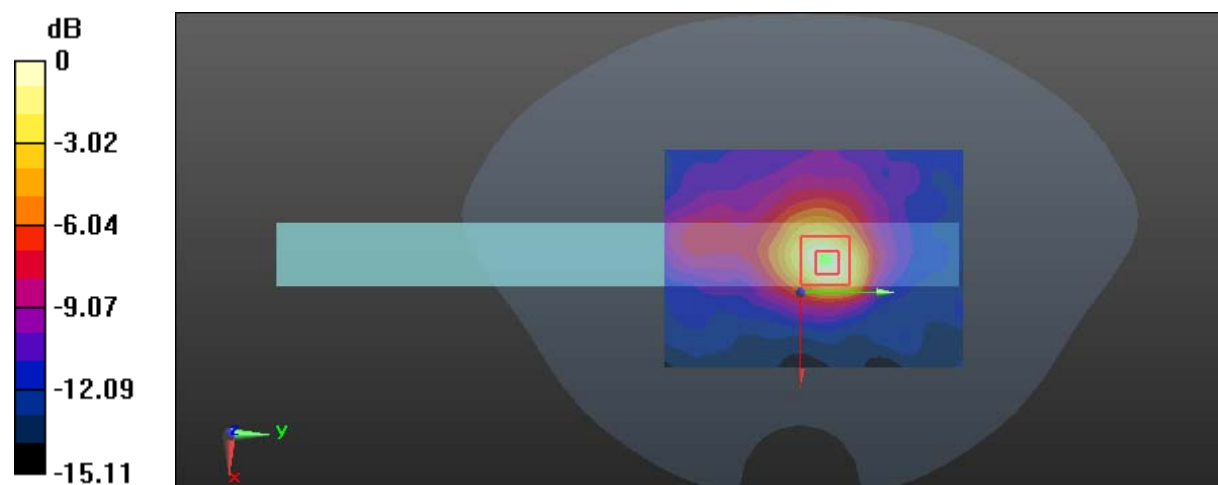
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.219 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.373 W/kg

**SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.091 W/kg**

Maximum value of SAR (measured) = 0.292 W/kg



0 dB = 0.292 W/kg = -5.35 dBW/kg

**Test Plot 3#:Wi-Fi 5.2G Mode A\_Body Back\_Low Channel****DUT: OtoSys; Type: OtoSys IM600; Serial: 17101600121**

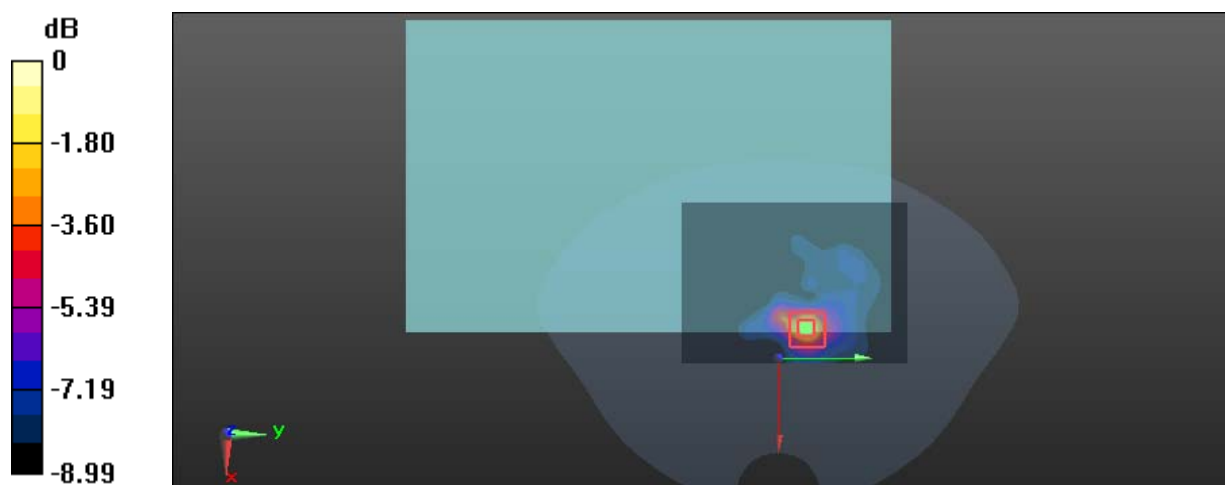
Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5180 \text{ MHz}$ ;  $\sigma = 5.318 \text{ S/m}$ ;  $\epsilon_r = 48.732$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x141x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$ Maximum value of SAR (interpolated) =  $2.16 \text{ W/kg}$ **Zoom Scan (7x7x6)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=2\text{mm}$ Reference Value =  $8.825 \text{ V/m}$ ; Power Drift =  $0.14 \text{ dB}$ Peak SAR (extrapolated) =  $3.92 \text{ W/kg}$ **SAR(1 g) =  $1.13 \text{ W/kg}$ ; SAR(10 g) =  $0.538 \text{ W/kg}$** Maximum value of SAR (measured) =  $2.28 \text{ W/kg}$  $0 \text{ dB} = 2.28 \text{ W/kg} = 3.58 \text{ dBW/kg}$

**Test Plot 4#:Wi-Fi 5.2G Mode A\_Body Back\_Middle Channel****DUT: OtoSys; Type: OtoSys IM600; Serial: 17101600121**

Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.347$  S/m;  $\epsilon_r = 48.659$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x141x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.99 W/kg

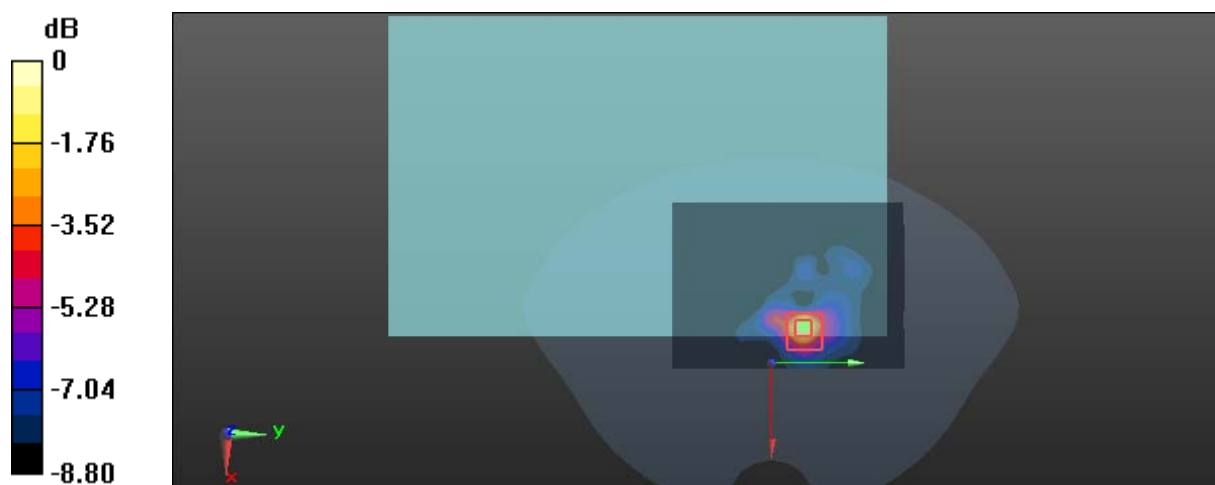
**Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 7.517 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.47 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.526 W/kg**

Maximum value of SAR (measured) = 2.02 W/kg



0 dB = 2.02 W/kg = 3.05 dBW/kg

**Test Plot 5#:Wi-Fi 5.2G Mode A\_Body Back\_High Channel****DUT: OtoSys; Type: OtoSys IM600; Serial: 17101600121**

Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5240 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.369$  S/m;  $\epsilon_r = 48.615$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x141x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.39 W/kg

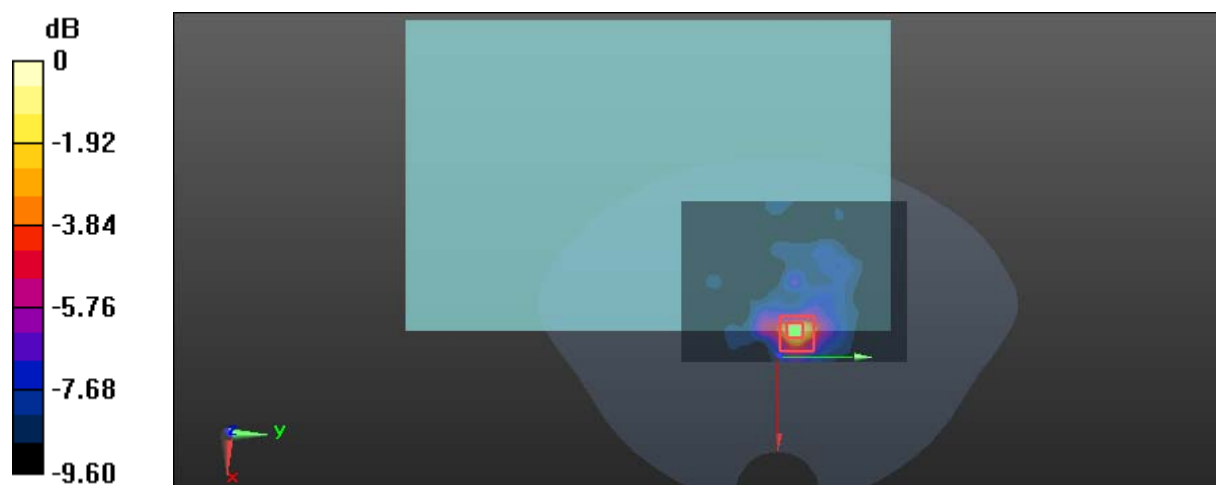
**Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 8.753 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.33 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.508 W/kg**

Maximum value of SAR (measured) = 2.29 W/kg



0 dB = 2.29 W/kg = 3.60 dBW/kg

**Test Plot 6#: Wi-Fi 5.2G Mode A\_Body Top\_Middle Channel****DUT: OtoSys; Type: OtoSys IM600; Serial: 17101600121**

Communication System: IEEE 802.11a WiFi 5.2 GHz; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.347$  S/m;  $\epsilon_r = 48.659$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x141x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.841 W/kg

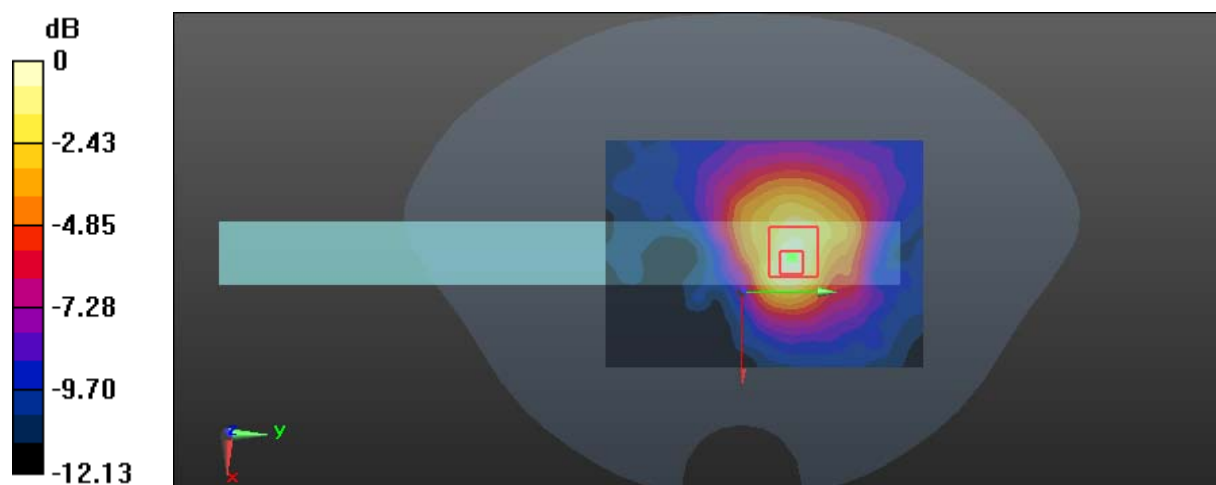
**Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.898 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.212 W/kg**

Maximum value of SAR (measured) = 0.854 W/kg



0 dB = 0.854 W/kg = -0.69 dBW/kg

**Test Plot 7#:Wi-Fi 5.8G Mode A\_Body Back\_Low Channel****DUT: OtoSys; Type: OtoSys IM600; Serial: 17101600121**

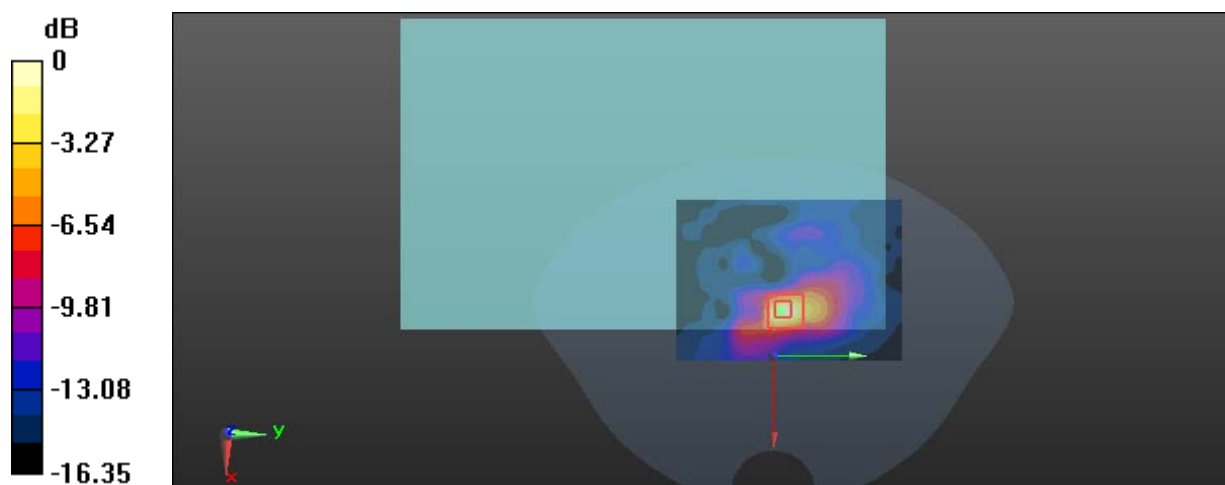
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5745 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 6.015 \text{ S/m}$ ;  $\epsilon_r = 48.091$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(4, 4, 4); Calibrated: 2017/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x141x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$ Maximum value of SAR (interpolated) =  $2.54 \text{ W/kg}$ **Zoom Scan (7x7x6)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=2\text{mm}$ Reference Value =  $7.382 \text{ V/m}$ ; Power Drift =  $0.18 \text{ dB}$ Peak SAR (extrapolated) =  $5.26 \text{ W/kg}$ **SAR(1 g) =  $1.14 \text{ W/kg}$ ; SAR(10 g) =  $0.374 \text{ W/kg}$** Maximum value of SAR (measured) =  $2.60 \text{ W/kg}$  $0 \text{ dB} = 2.60 \text{ W/kg} = 4.15 \text{ dBW/kg}$

**Test Plot 8#:Wi-Fi 5.8G Mode A\_Body Back\_Middle Channel****DUT: OtoSys; Type: OtoSys IM600; Serial: 17101600121**

Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.027$  S/m;  $\epsilon_r = 47.984$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(4, 4, 4); Calibrated: 2017/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x141x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.29 W/kg

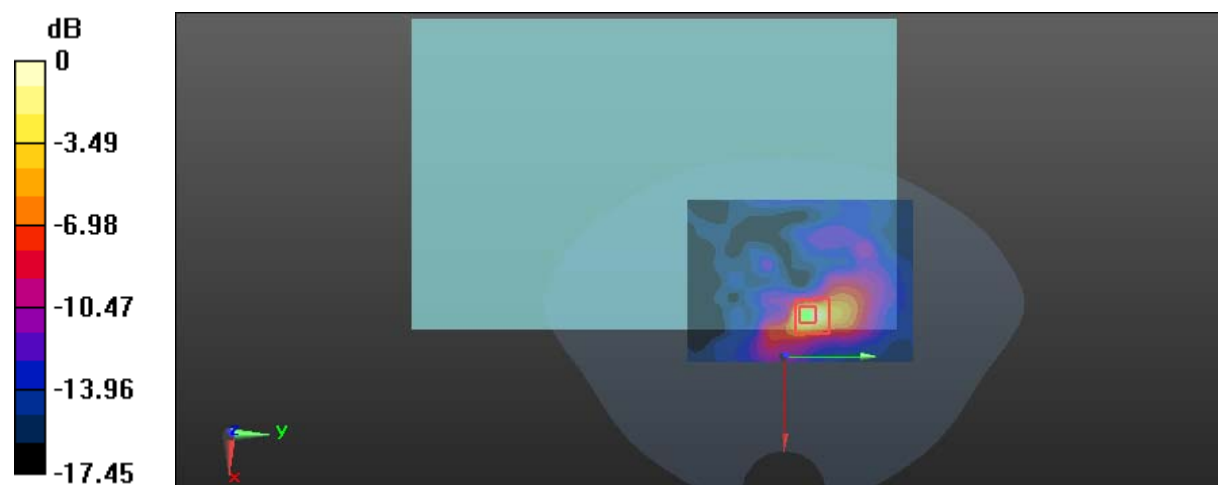
**Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 7.059 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 5.47 W/kg

**SAR(1 g) = 1.20 W/kg; SAR(10 g) = 0.403 W/kg**

Maximum value of SAR (measured) = 2.97 W/kg



0 dB = 2.97 W/kg = 4.73 dBW/kg

**Test Plot 9#:Wi-Fi 5.8G Mode A\_Body Back\_High Channel****DUT: OtoSys; Type: OtoSys IM600; Serial: 17101600121**

Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5825 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.091$  S/m;  $\epsilon_r = 47.632$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(4, 4, 4); Calibrated: 2017/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x141x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.09 W/kg

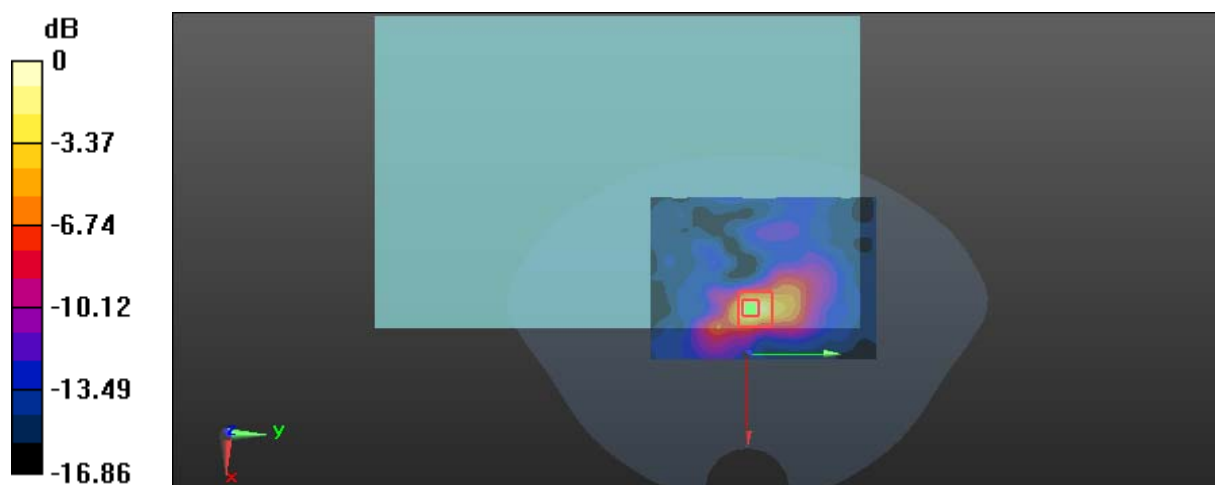
**Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 7.631 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 5.65 W/kg

**SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.417 W/kg**

Maximum value of SAR (measured) = 3.04 W/kg



0 dB = 3.04 W/kg = 4.83 dBW/kg

**Test Plot 10#:Wi-Fi 5.8G Mode A\_Body Top\_Middle Channel****DUT: OtoSys; Type: OtoSys IM600; Serial: 17101600121**

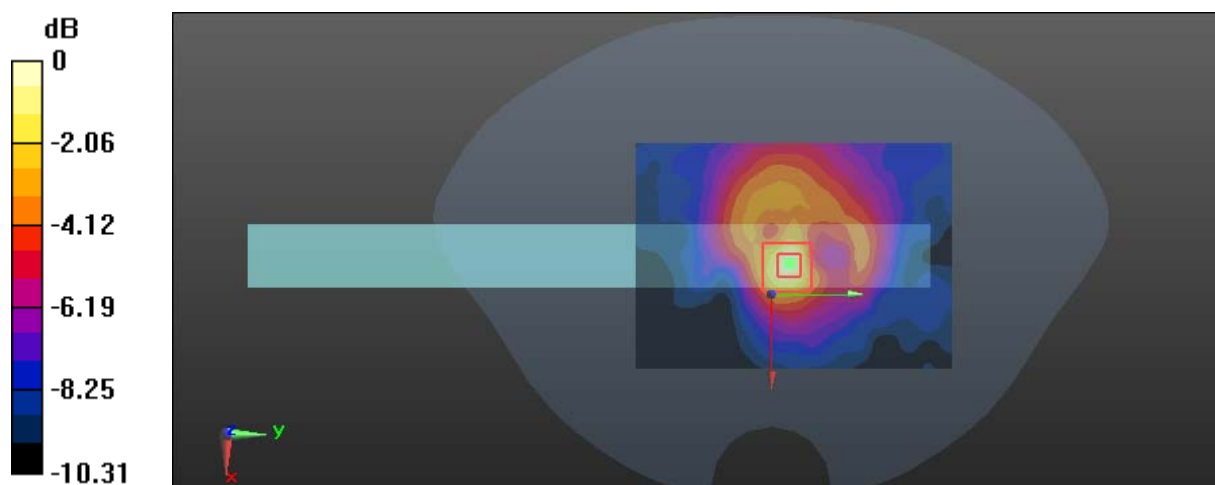
Communication System: IEEE 802.11a WiFi 5.8 GHz; Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 6.027 \text{ S/m}$ ;  $\epsilon_r = 47.984$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(4, 4, 4); Calibrated: 2017/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x141x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$ Maximum value of SAR (interpolated) =  $0.716 \text{ W/kg}$ **Zoom Scan (7x7x6)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=2\text{mm}$ Reference Value =  $6.694 \text{ V/m}$ ; Power Drift =  $-0.19 \text{ dB}$ Peak SAR (extrapolated) =  $1.39 \text{ W/kg}$ **SAR(1 g) =  $0.352 \text{ W/kg}$ ; SAR(10 g) =  $0.171 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.734 \text{ W/kg}$  $0 \text{ dB} = 0.734 \text{ W/kg} = -1.34 \text{ dBW/kg}$

**Test Plot 11#: Bluetooth DH5 Mode\_Body Back\_Middle Channel****DUT: OtoSys; Type: OtoSys IM600; Serial: 17101600121**

Communication System: GFSK; Frequency: 2441 MHz; Duty Cycle: 1:1.30

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.947$  S/m;  $\epsilon_r = 51.781$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(6.73, 6.73, 6.73); Calibrated: 2017/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.333 W/kg

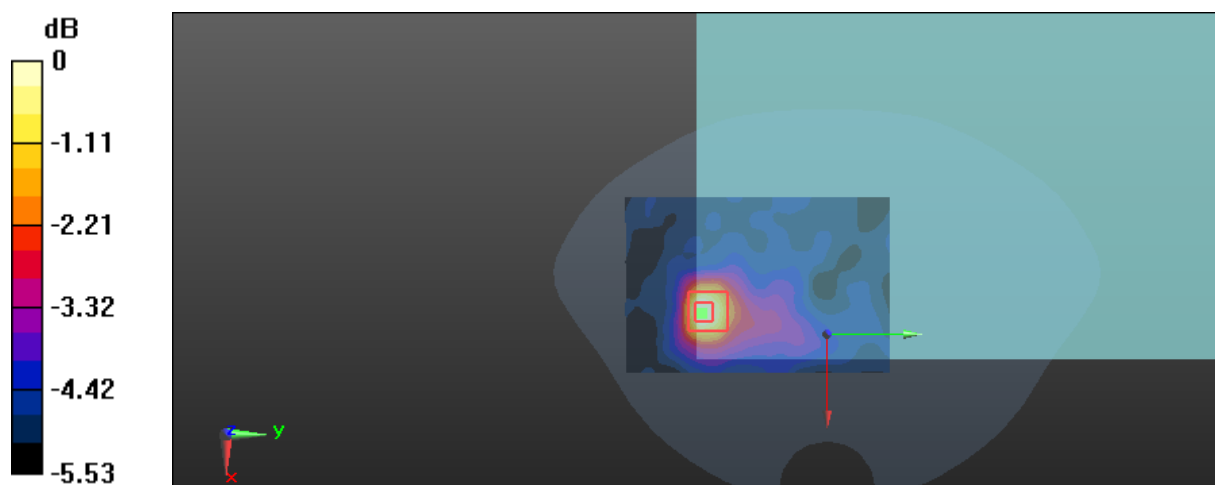
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.008 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.383 W/kg

**SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.154 W/kg**

Maximum value of SAR (measured) = 0.305 W/kg



0 dB = 0.305 W/kg = -5.16 dBW/kg