

Test Laboratory: BTL

Date: 2022/10/15

## GSM 850\_CH190

Frequency: 836.6 MHz; Duty Cycle: 1:8.30042; Room Ambient Temperature: 23.0°C; Liquid

Temperature: 22.0°C

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 43.398$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(10.02, 10.02, 10.02) @ 836.6 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: 1661

### Left Cheek/Ant 1/ Area Scan (8x13x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.510 W/kg

### Left Cheek/Ant 1/ Area Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.492 V/m; Power Drift = -0.16 dB

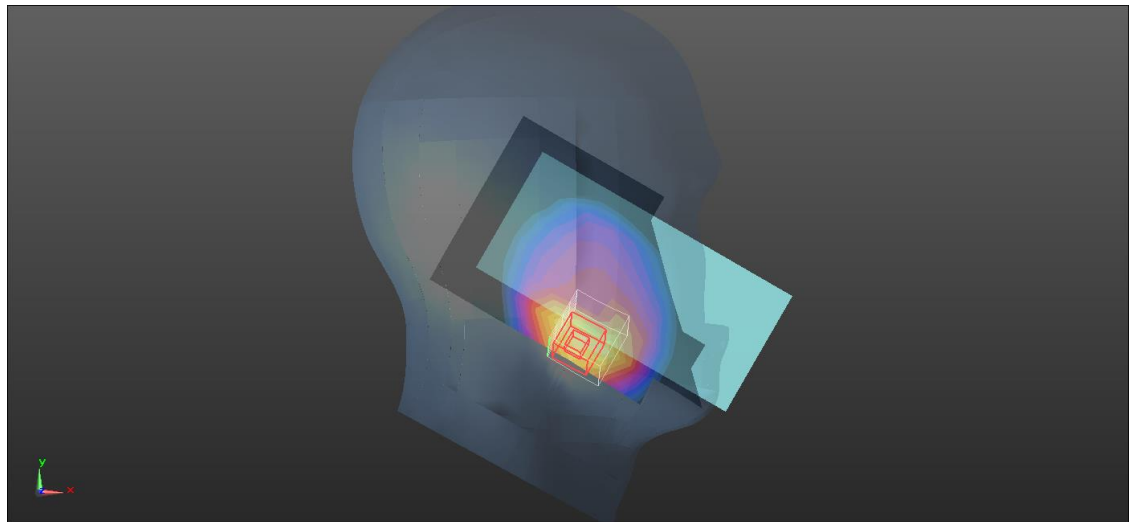
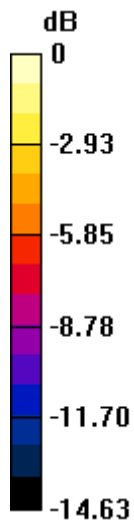
Peak SAR (extrapolated) = 0.735 W/kg

**SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.222 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 55.9%

Maximum value of SAR (measured) = 0.617 W/kg



0 dB = 0.617 W/kg = -2.10 dBW/kg

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**GSM1900\_CH661**

Frequency: 1880 MHz; Duty Cycle: 1:8.30042; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  S/m;  $\epsilon_r = 40.652$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(8.3, 8.3, 8.3) @ 1880 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

**Right Cheek/Ant 4/Area Scan (8x14x1):**

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.24 W/kg

**Right Cheek/Ant 4/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.54 V/m; Power Drift = -0.04 dB

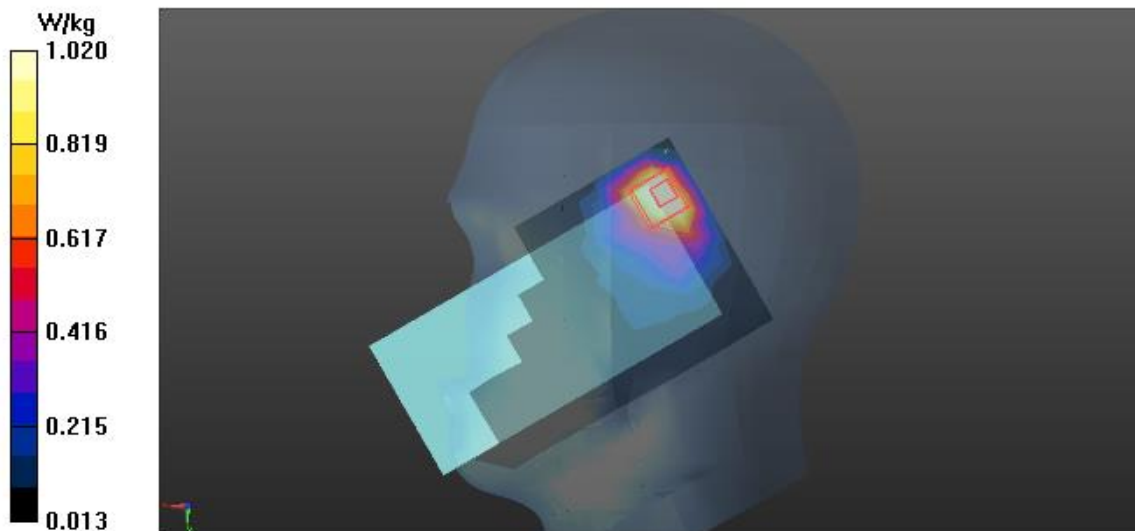
Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.250 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 49.5%

Maximum value of SAR (measured) = 1.02 W/kg



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**UMTS B2\_CH9400**

Frequency: 1852.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.374$  S/m;  $\epsilon_r = 40.746$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(8.3, 8.3, 8.3) @ 1852.4 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

**Right Tilted/Ant 4/Area Scan (8x14x1):**

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.25 W/kg

**Right Tilted/ Ant 4/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.65 V/m; Power Drift = 0.01 dB

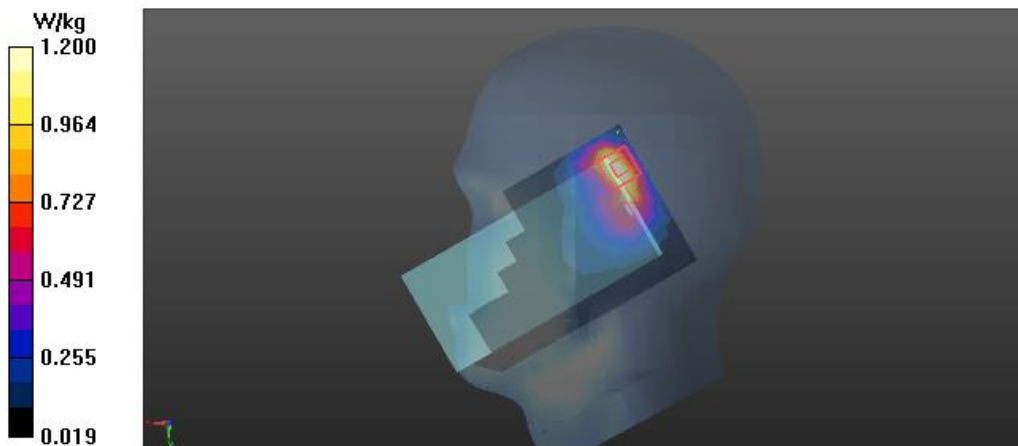
Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.439 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 1.20 W/kg



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## UMTS B4 \_CH1413

Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 1850$  MHz;  $\sigma = 1.372$  S/m;  $\epsilon_r = 40.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(8.67, 8.67, 8.67) @ 1732.6 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

### Left Cheek/Ant 4/Area Scan (8x14x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.633 W/kg

### Left Cheek/Ant 4/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.60 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.787 W/kg

**SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.328 W/kg**

Smallest distance from peaks to all points 3 dB below = 0.01 mm

Ratio of SAR at M2 to SAR at M1 = 66.1%

Maximum value of SAR (measured) = 0.693 W/kg



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## UMTS B5\_CH4182

Frequency: 836.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.91$  S/m;  $\epsilon_r = 43.403$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(10.02, 10.02, 10.02) @ 836.4 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: 1661

**Left Cheek/Ant1/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.829 W/kg

**Left Cheek/Ant1/Area Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.619 V/m; Power Drift = -0.49 dB

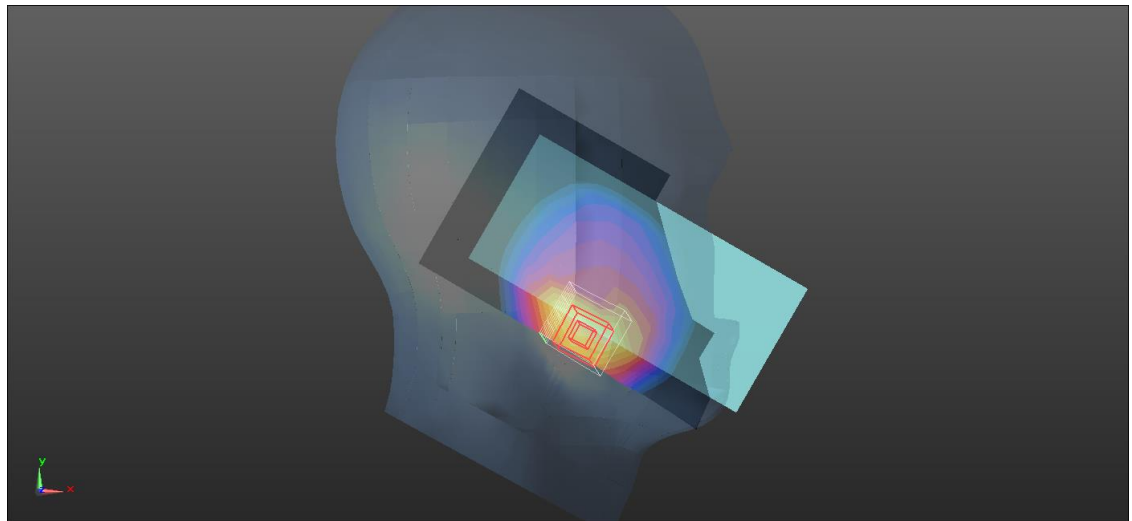
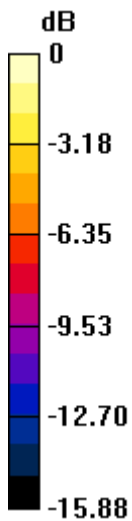
Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.316 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 50.6%

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

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**UMTS B2\_CH9400**

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  S/m;  $\epsilon_r = 40.652$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(8.3, 8.3, 8.3) @ 1880 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

**Left Tilted/Ant 4/Area Scan (8x13x1):**

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.730 W/kg

**Left Tilted/Ant 4/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.00 V/m; Power Drift = 0.00 dB

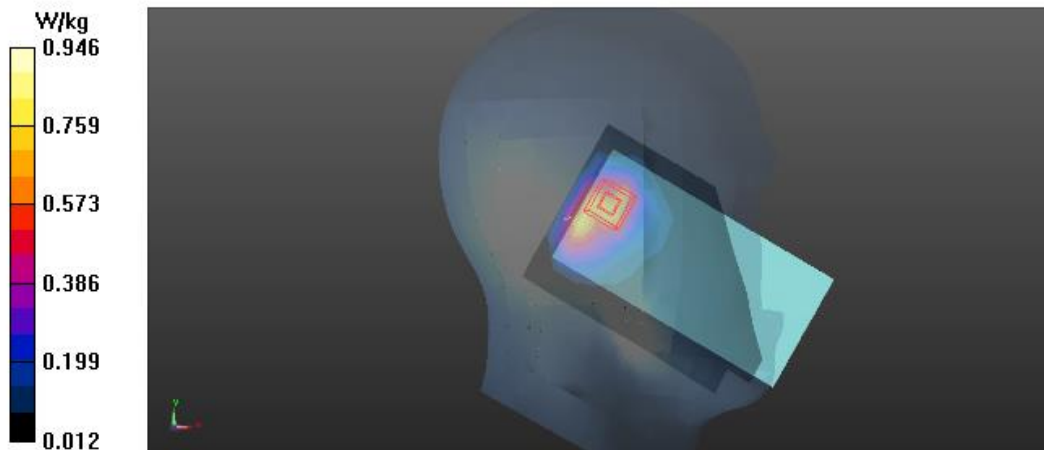
Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.360 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 56.6%

Maximum value of SAR (measured) = 0.946 W/kg



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## LTE Band 2\_20M\_CH18700

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 1860 \text{ MHz}$ ;  $\sigma = 1.38 \text{ S/m}$ ;  $\epsilon_r = 40.734$ ;  $\rho = 1000 \text{ kg/m}^3$ 

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(8.3, 8.3, 8.3) @ 1860 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: 1661

### Right Tilted/ RB 1,0/Ant 4/Area Scan (8x14x1):

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$ 

Maximum value of SAR (measured) = 0.630 W/kg

### Right Tilted/ RB 1,0/Ant 4/Zoom Scan (5x5x7):

Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 19.13 V/m; Power Drift = -0.02 dB

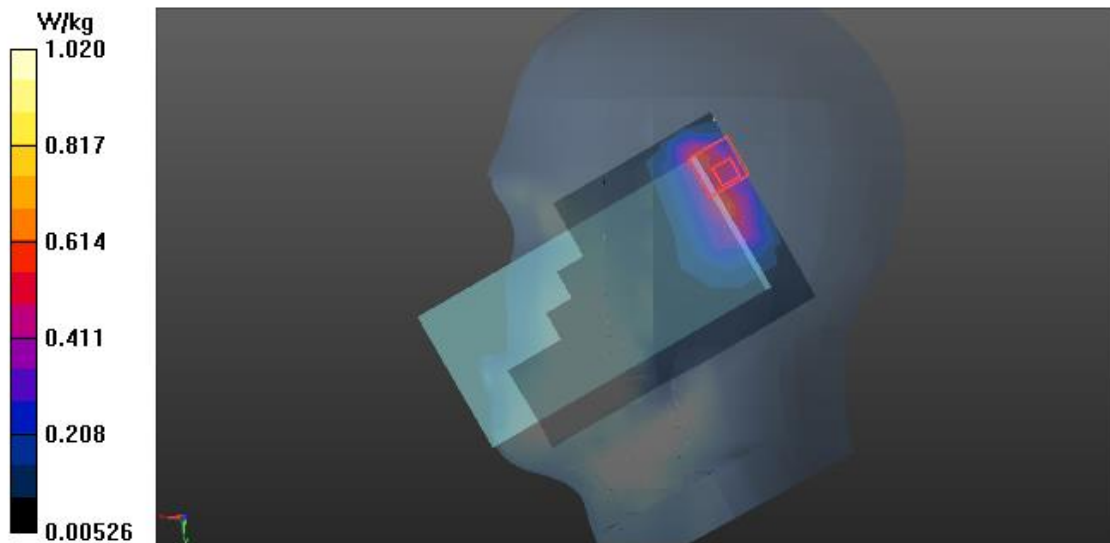
Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.588 W/kg; SAR(10 g) = 0.272 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 49.4%

Maximum value of SAR (measured) = 1.02 W/kg



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## LTE Band 4\_20M\_CH20300

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated):  $f = 1745$  MHz;  $\sigma = 1.316$  S/m;  $\epsilon_r = 41.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(8.67, 8.67, 8.67) @ 1745 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

### Right Tilted/ RB 1,99/Ant 4/Area Scan (7x14x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.820 W/kg

### Right Tilted/ RB 1,99/Ant 4/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.20 V/m; Power Drift = -0.00 dB

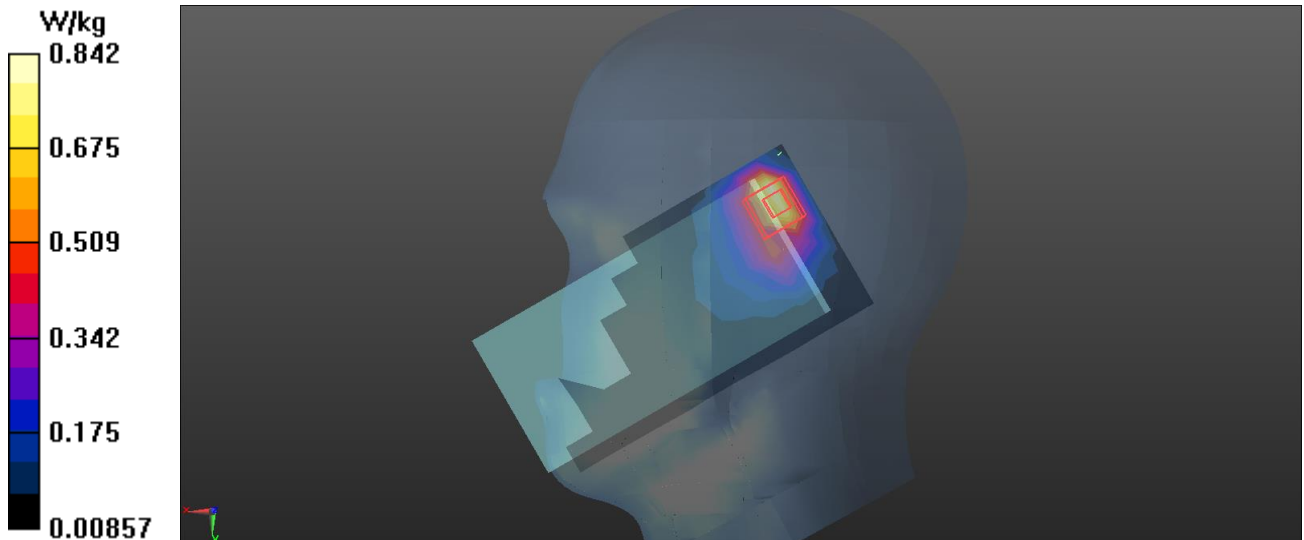
Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.280 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 53%

Maximum value of SAR (measured) = 0.842 W/kg





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## LTE Band 5\_10M\_CH20450

Frequency: 829 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 829 \text{ MHz}$ ;  $\sigma = 0.902 \text{ S/m}$ ;  $\epsilon_r = 43.47$ ;  $\rho = 1000 \text{ kg/m}^3$ 

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(10.02, 10.02, 10.02) @ 829 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

### Left Check/ RB 1,0/Ant 1/Area Scan (8x13x1):

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$ 

Maximum value of SAR (measured) = 0.450 W/kg

### Left Check/ RB 1,0/Ant 1/Zoom Scan (5x5x5)/Cube 0:

Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 4.312 V/m; Power Drift = 0.05 dB

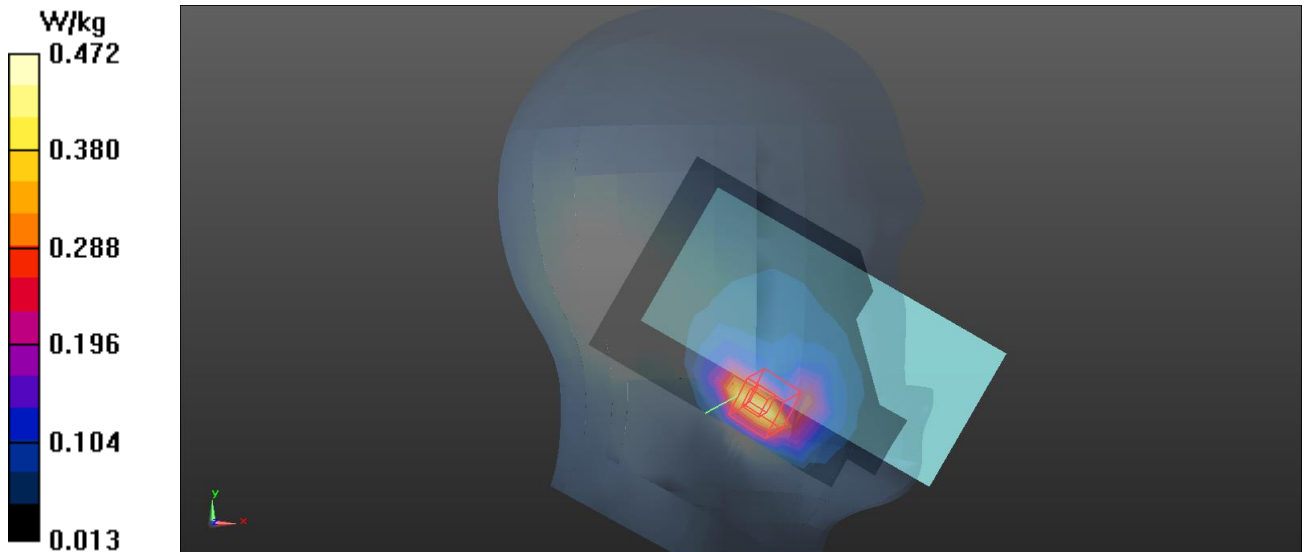
Peak SAR (extrapolated) = 0.703 W/kg

**SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.195 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 63.6%

Maximum value of SAR (measured) = 0.472 W/kg



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## LTE Band 7\_20M\_CH21350

Frequency: 2560 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.91$  S/m;  $\epsilon_r = 39.46$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(7.49, 7.49, 7.49) @ 2560 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

### Right Tilted/ RB 50,0/Ant 4/Area Scan (10x16x1):

Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 1.38 W/kg

### Right Tilted/ RB 50,0/Ant 4/Zoom Scan (7x7x7)/Cube 0:

Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 23.43 V/m; Power Drift = -0.04 dB

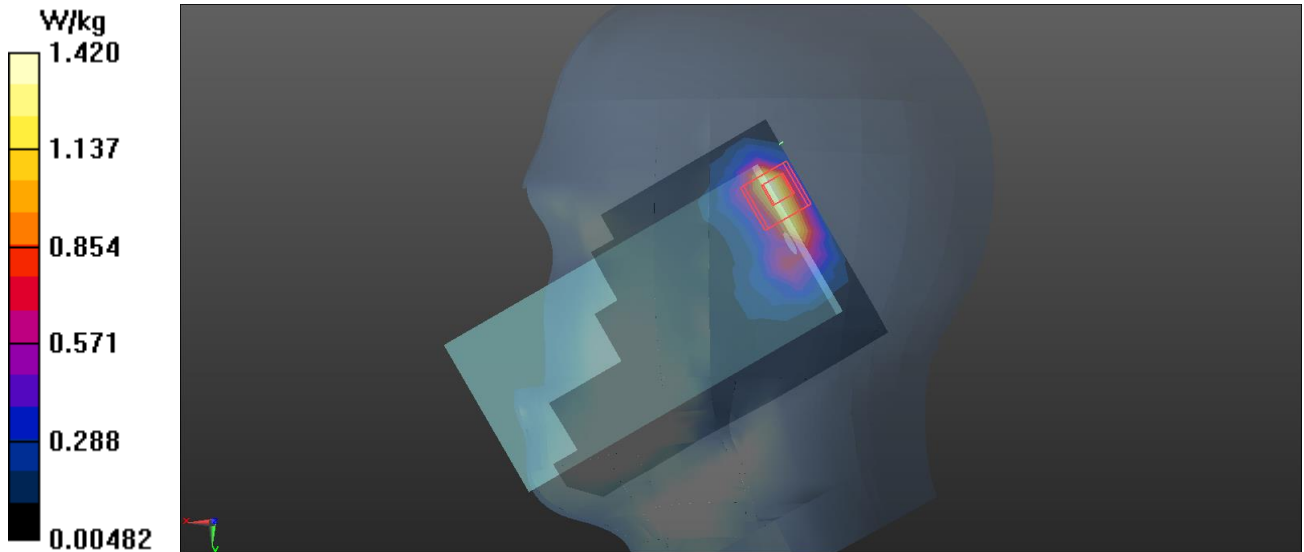
Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.368 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 46.2%

Maximum value of SAR (measured) = 1.42 W/kg



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## LTE Band 12\_10M\_CH23130

Frequency: 711 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 43.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(10.39, 10.39, 10.39) @ 711 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

### Left Check/RB1,24/Ant1/Area Scan (9x14x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.432 W/kg

### Left Check/RB1,24/Ant1/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.561 V/m; Power Drift = 0.05 dB

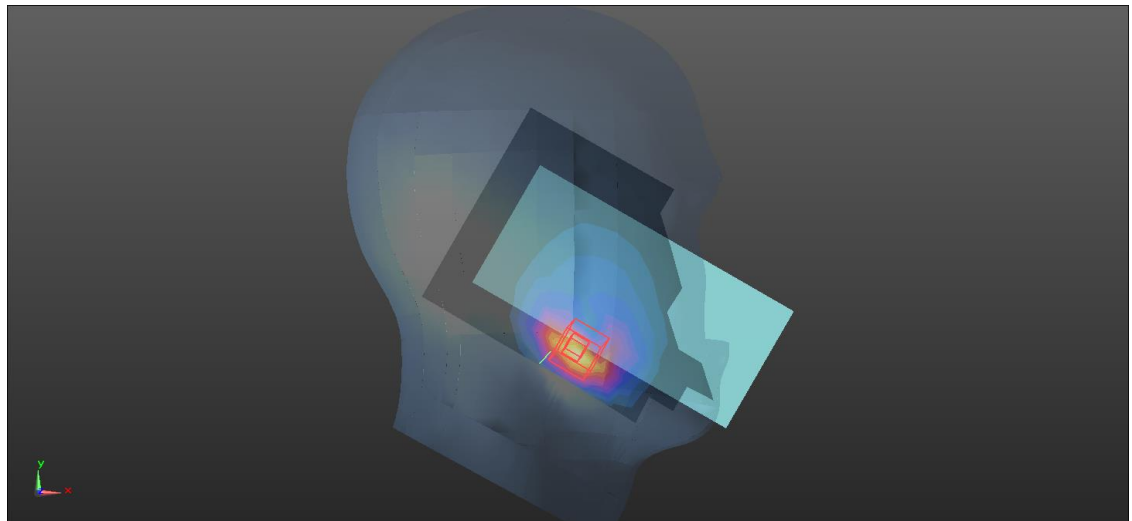
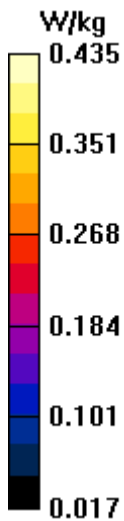
Peak SAR (extrapolated) = 0.612 W/kg

**SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.173 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 59.5%

Maximum value of SAR (measured) = 0.435 W/kg



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## LTE Band 13\_10M\_CH23230

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.931 \text{ S/m}$ ;  $\epsilon_r = 42.125$ ;  $\rho = 1000 \text{ kg/m}^3$ 

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(10.39, 10.39, 10.39) @ 782 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

### Left Check/RB1,0/Ant 1/Area Scan (8x13x1):

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$ 

Maximum value of SAR (measured) = 0.401 W/kg

### Left Check/RB1,0/Ant 1/Zoom Scan (5x5x5)/Cube 0:

Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 3.824 V/m; Power Drift = -0.04 dB

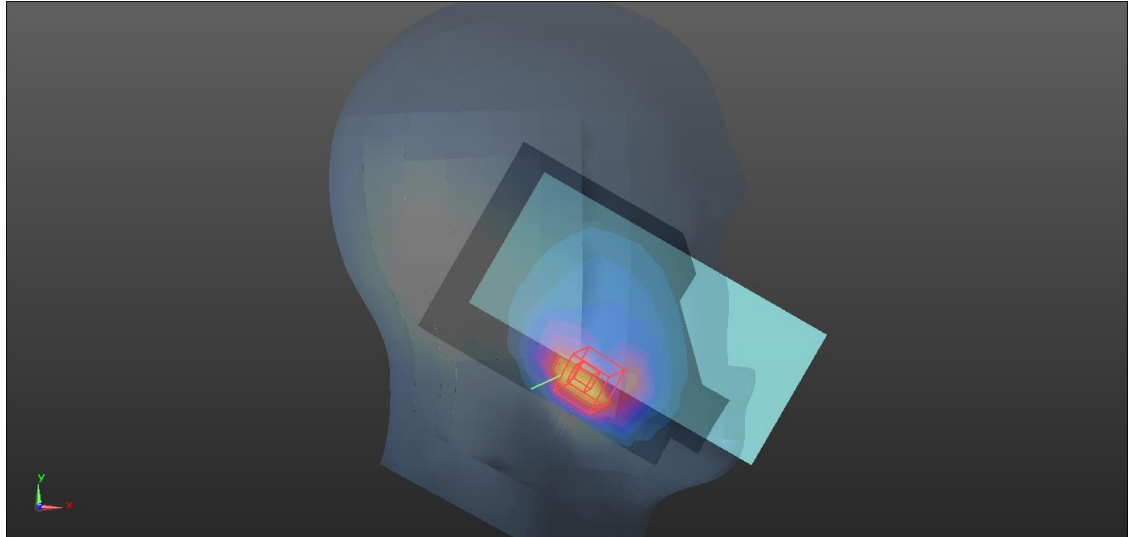
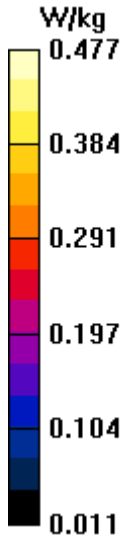
Peak SAR (extrapolated) = 0.718 W/kg

**SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.192 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 62%

Maximum value of SAR (measured) = 0.477 W/kg



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## LTE Band 17\_10M\_CH23800

Frequency: 711 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.858 \text{ S/m}$ ;  $\epsilon_r = 43.055$ ;  $\rho = 1000 \text{ kg/m}^3$ 

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(10.39, 10.39, 10.39) @ 711 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

### Left Check/RB 1,49/Ant 1/Area Scan (8x14x1):

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$ 

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

### Left Check/RB 1,49/Ant 1/Zoom Scan (5x5x5)/Cube 0:

Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 2.747 V/m; Power Drift = -0.03 dB

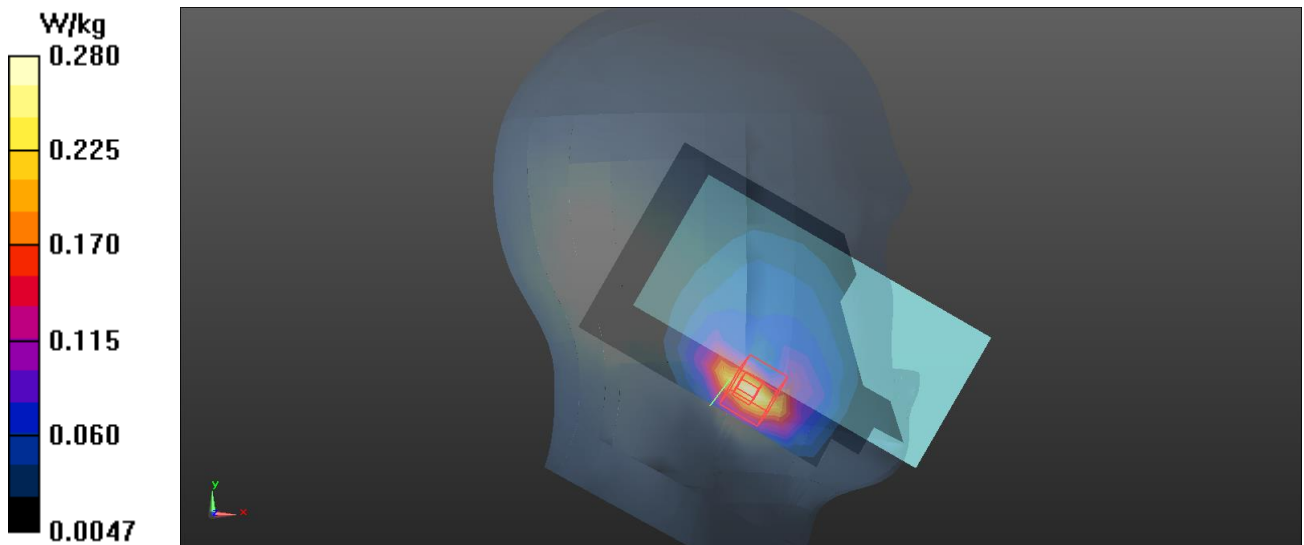
Peak SAR (extrapolated) = 0.383 W/kg

**SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.110 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 59.6%

Maximum value of SAR (measured) = 0.280 W/kg



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## LTE Band 26\_15M\_CH26865

Frequency: 841.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated):  $f = 841.5$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 43.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(10.02, 10.02, 10.02) @ 841.5 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

### Left Check/RB 1.0-Ant 1/Area Scan (8x13x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.488 W/kg

### Left Check/RB 1.0-Ant 1/Zoom Scan (5x5x5)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.535 V/m; Power Drift = 0.08 dB

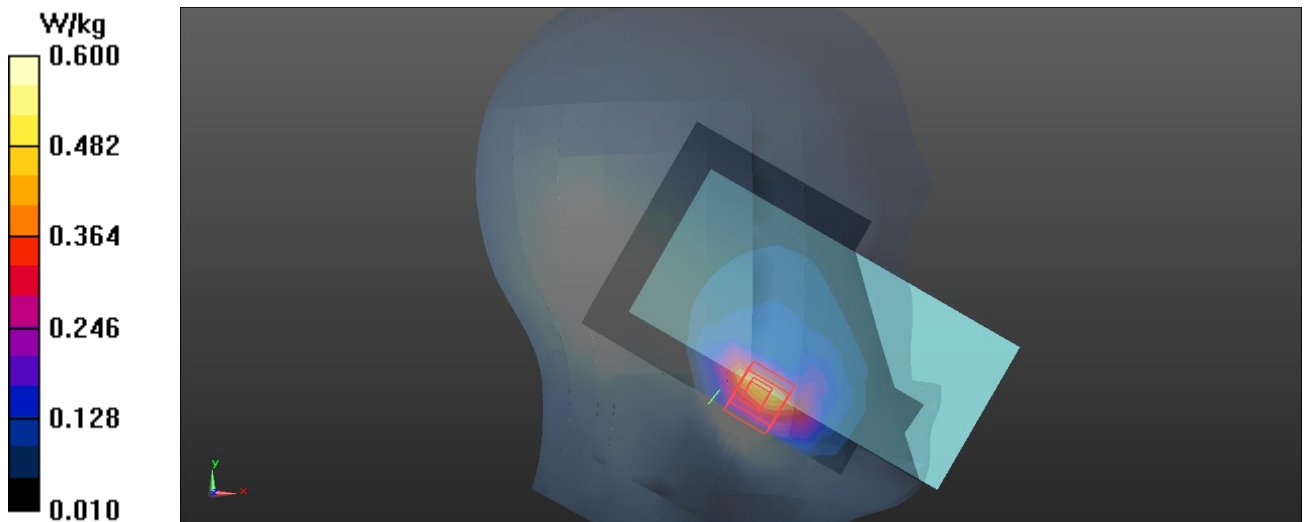
Peak SAR (extrapolated) = 0.720 W/kg

**SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.216 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 57.3%

Maximum value of SAR (measured) = 0.600 W/kg



Test Laboratory: BTL

Date: 2022/10/17

**LTE Band 38\_20M\_CH38150**

Frequency: 2610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (extrapolated):  $f = 2610$  MHz;  $\sigma = 1.958$  S/m;  $\epsilon_r = 39.378$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(7.49, 7.49, 7.49) @ 2610 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

**Right Tilted/ RB 50,0/Ant 4/Area Scan (10x16x1):**

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.32 W/kg

**Right Tilted/ RB 50,0/Ant 4/Zoom Scan (7x7x7)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.71 V/m; Power Drift = 0.01 dB

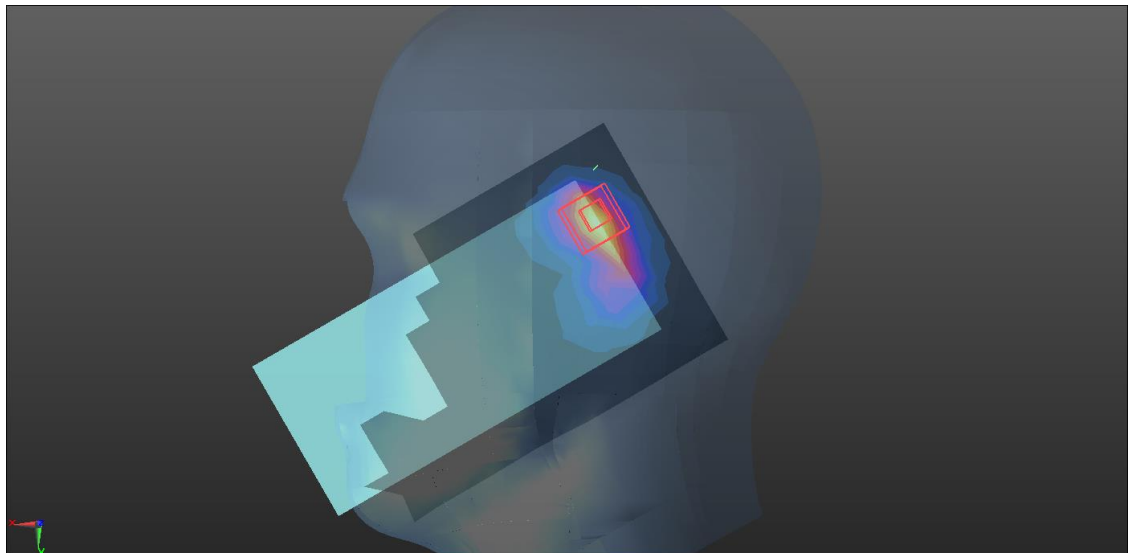
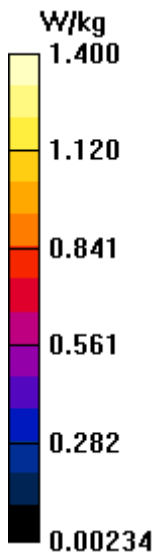
Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.331 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 45.7%

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



Test Laboratory: BTL

Date: 2022/10/18

## LTE Band 41\_20M\_CH41490

Frequency: 2680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.112$  S/m;  $\epsilon_r = 38.277$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(7.49, 7.49, 7.49) @ 2680 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

### Right Tilted/RB 50,0/Ant 4/Area Scan (9x16x1):

Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 1.26 W/kg

### Right Tilted/RB 50,0/Ant 4/Zoom Scan (7x7x7)/Cube 0:

Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 19.57 V/m; Power Drift = 0.01 dB

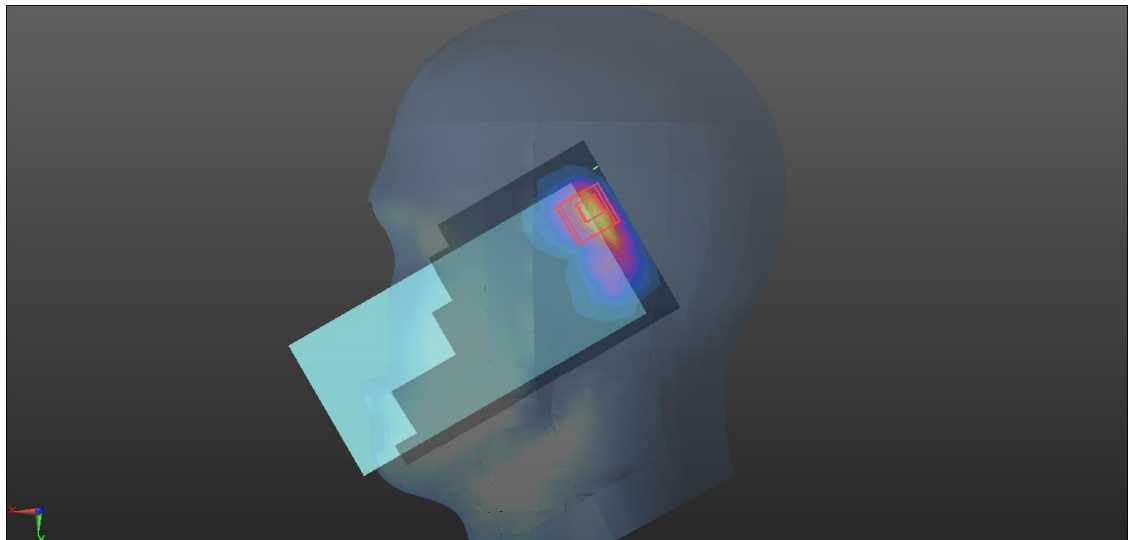
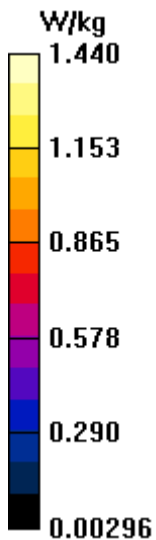
Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.334 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 45.2%

Maximum value of SAR (measured) = 1.44 W/kg





Test Laboratory: BTL

Date: 2022/10/14

## LTE Band 66\_CH132572

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.338$  S/m;  $\epsilon_r = 41.057$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(8.67, 8.67, 8.67) @ 1770 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

### Right Check/RB 50,25/Ant 5/Area Scan (8x14x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.689 W/kg

### Right Check/RB 50,25/Ant 5/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.996 V/m; Power Drift = 0.06 dB

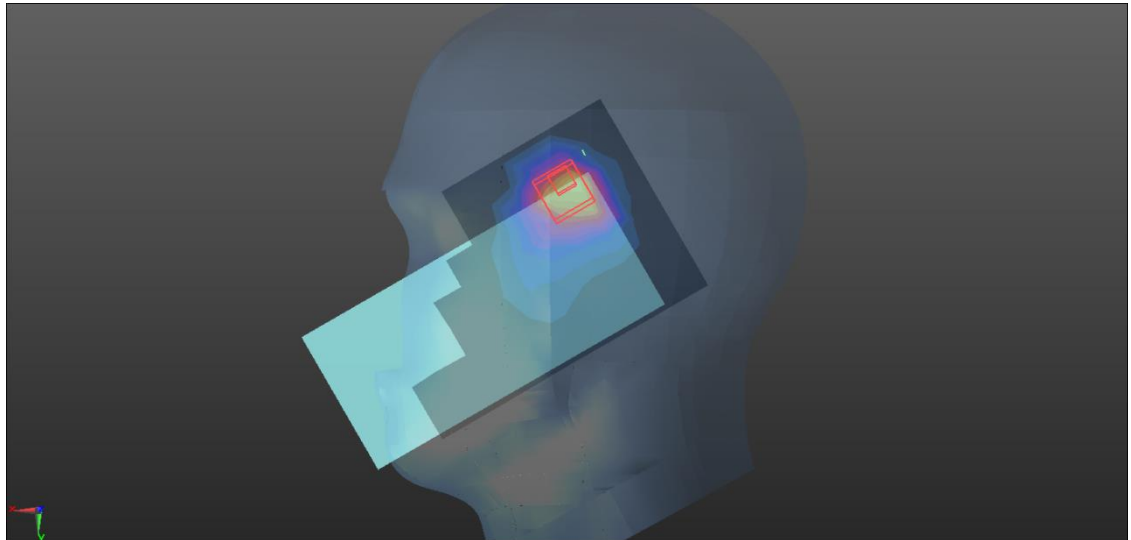
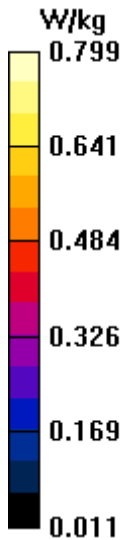
Peak SAR (extrapolated) = 0.972 W/kg

**SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.153 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 49.5%

Maximum value of SAR (measured) = 0.799 W/kg



Test Laboratory: BTL

Date: 2022/10/24

## LTE Band 7\_20M\_CH21350

Frequency: 2560 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated):  $f = 2560$  MHz;  $\sigma = 1.987$  S/m;  $\epsilon_r = 38.488$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(7.49, 7.49, 7.49) @ 2560 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

### Right Tilted/RB 50,0/Ant 4/Area Scan (10x16x1):

Measurement grid: dx=12mm, dy=12mm

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

### Right Tilted/RB 50,0/Ant 4/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.84 V/m; Power Drift = 0.01 dB

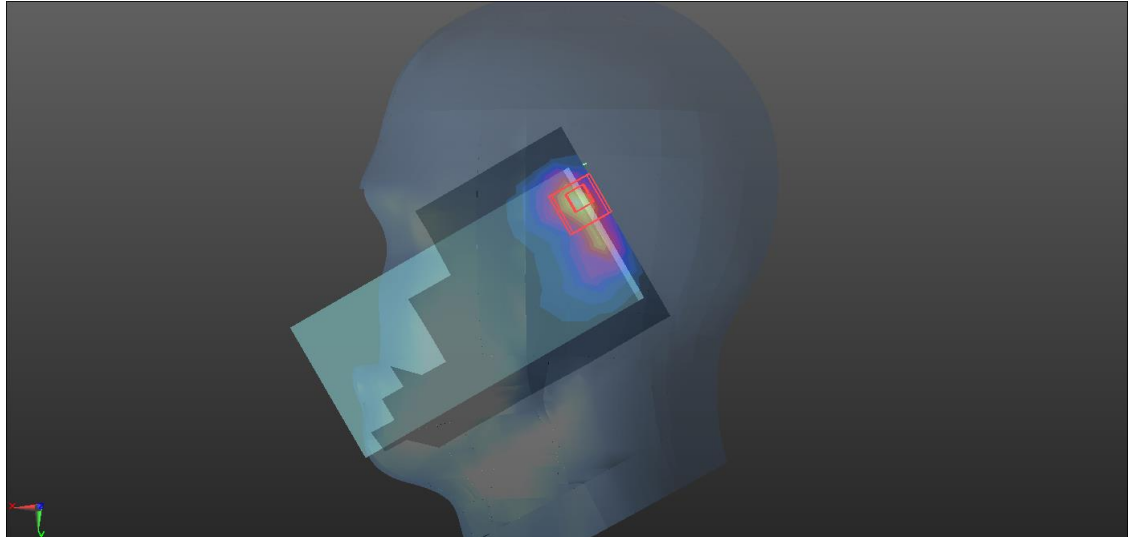
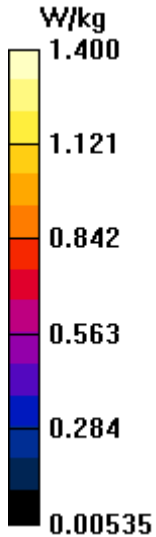
Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.344 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 46.4%

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



Test Laboratory: BTL

Date: 2022/10/24

## LTE Band 41\_20M\_CH41490

Frequency: 2680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used (interpolated):  $f = 2680$  MHz;  $\sigma = 2.129$  S/m;  $\epsilon_r = 37.987$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7369; ConvF(7.49, 7.49, 7.49) @ 2680 MHz; Calibrated: 2022/5/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial:1661

### Right Tilted/RB 50,0/Ant 4/Area Scan (10x16x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.19 W/kg

### Right Tilted/RB 50,0/Ant 4/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.00 V/m; Power Drift = -0.17 dB

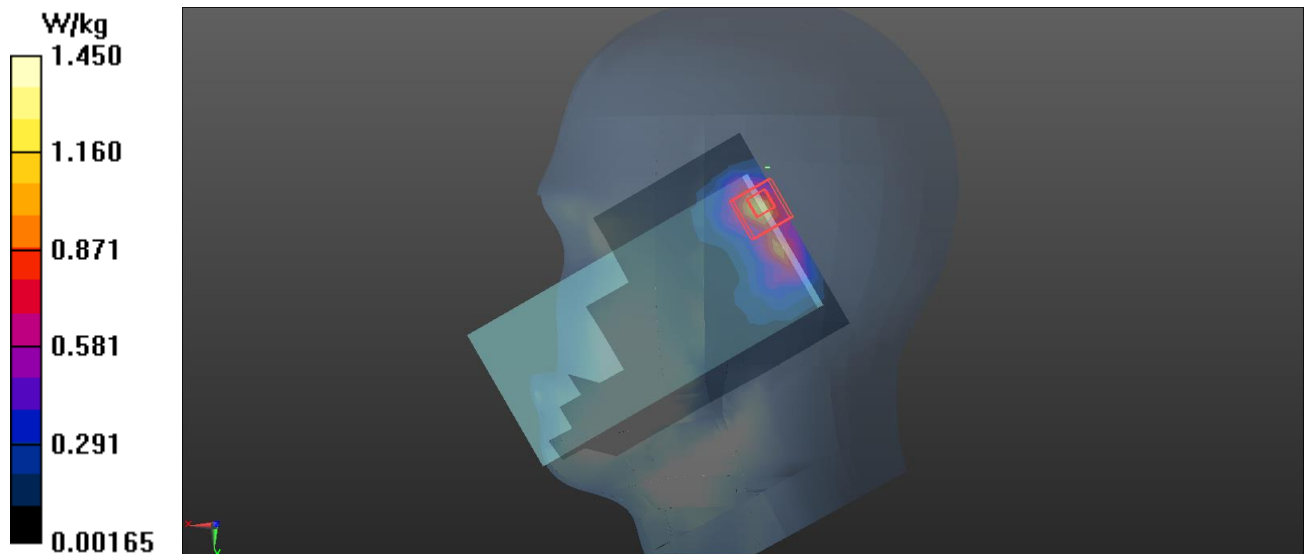
Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.345 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 45.7%

Maximum value of SAR (measured) = 1.45 W/kg



Test Laboratory: BTL

Date: 2022/10/15

## 5G N5\_20M \_CH167300

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 42.418$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1289; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7678; ConvF(10.73, 10.73, 10.73) @ 836.5 MHz; Calibrated: 2022/8/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1897

### Left Check/RB50,25/Ant 1/Area Scan (8x14x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.582 W/kg

### Left Check/RB50,25/Ant 1/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.603 V/m; Power Drift = -0.08 dB

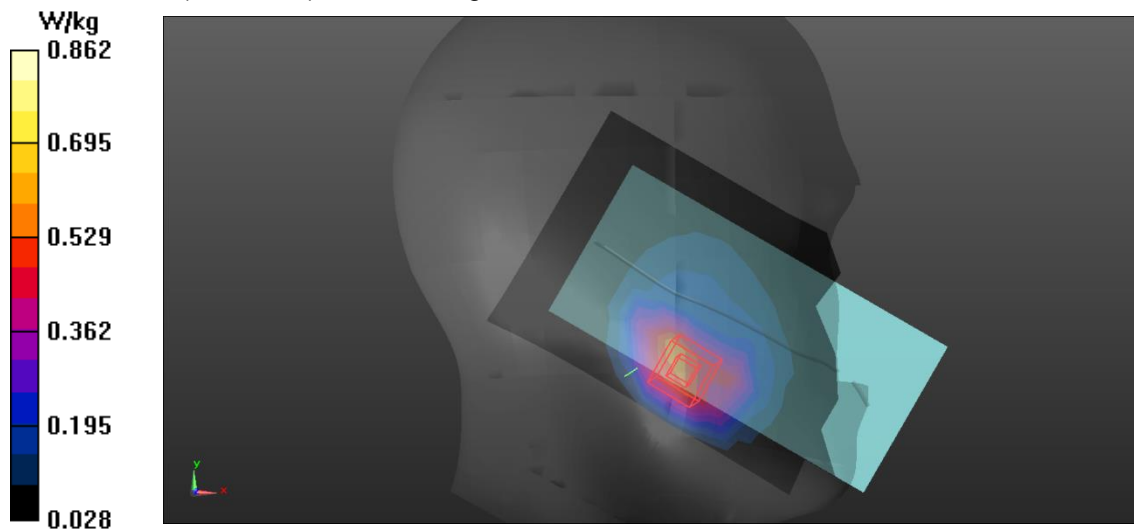
Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.211 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 56%

Maximum value of SAR (measured) = 0.862 W/kg



Test Laboratory: BTL

Date: 2022/10/17

## 5G N7\_20M \_CH512000

Frequency: 2560 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.969$  S/m;  $\epsilon_r = 37.259$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1289; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7678; ConvF(8.11, 8.11, 8.11) @ 2560 MHz; Calibrated: 2022/8/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1897

### Right Tilted /RB50,25/Ant 4/Area Scan (10x16x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.51 W/kg

### Right Tilted /RB50,25/Ant 4/Zoom Scan (7x7x7) /Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.54 V/m; Power Drift = -0.29 dB

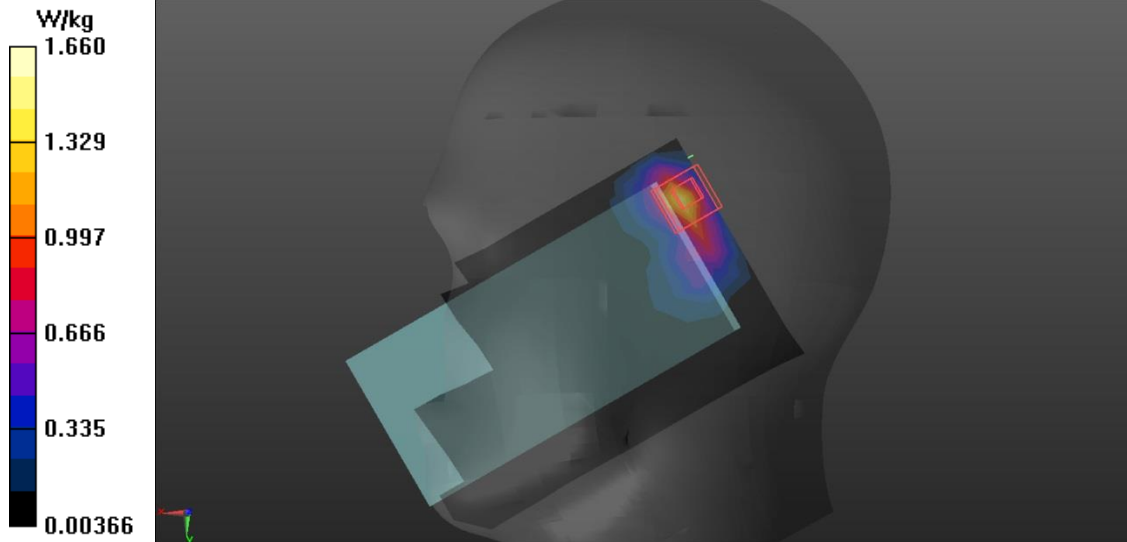
Peak SAR (extrapolated) = 2.08 W/kg

**SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.382 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 44.7%

Maximum value of SAR (measured) = 1.66 W/kg



Test Laboratory: BTL

Date: 2022/10/17

## 5G N38\_20M \_CH519000

Frequency: 2595 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 2595$  MHz;  $\sigma = 2.008$  S/m;  $\epsilon_r = 37.078$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1289; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7678; ConvF(8.11, 8.11, 8.11) @ 2595 MHz; Calibrated: 2022/8/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1897

### Right Tilted /RB25,12/Ant 4/Area Scan (8x14x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.62 W/kg

### Right Tilted /RB25,12/Ant 4/Zoom Scan (5x5x7) /Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.51 V/m; Power Drift = 0.03 dB

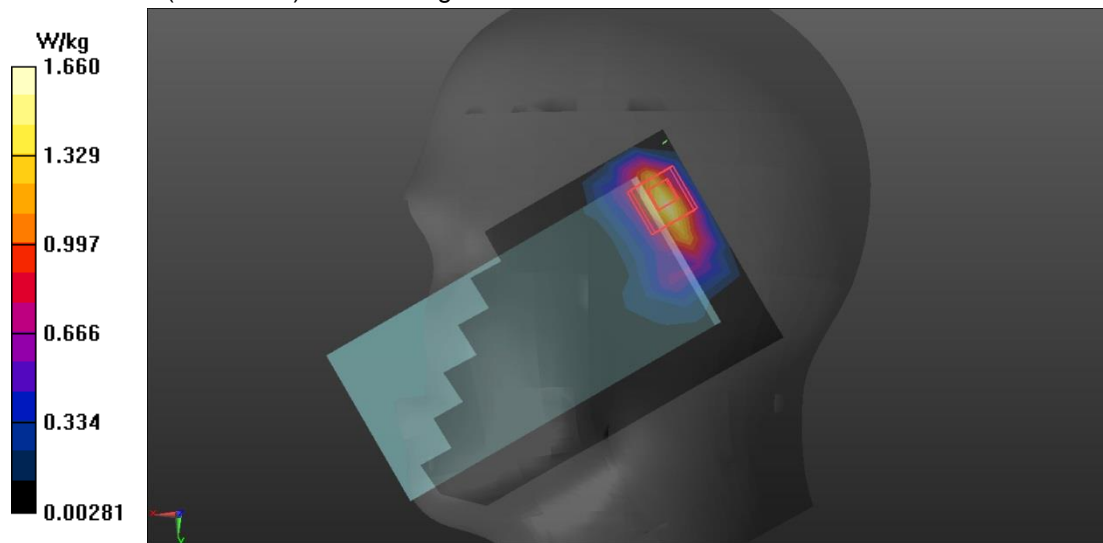
Peak SAR (extrapolated) = 2.26 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.457 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 46.8%

Maximum value of SAR (measured) = 1.66 W/kg



Test Laboratory: BTL

Date: 2022/10/18

## 5G N41\_100M\_CH528000

Frequency: 2640 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 2640$  MHz;  $\sigma = 2.081$  S/m;  $\epsilon_r = 38.59$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1289; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7678; ConvF(8.11, 8.11, 8.11) @ 2640 MHz; Calibrated: 2022/8/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1897

### Right Tilted /RB1,1/Ant 4/Area Scan (10x17x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.25 W/kg

### Right Tilted /RB1,1/Ant 4/Zoom Scan (7x7x7) /Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.77 V/m; Power Drift = 0.05 dB

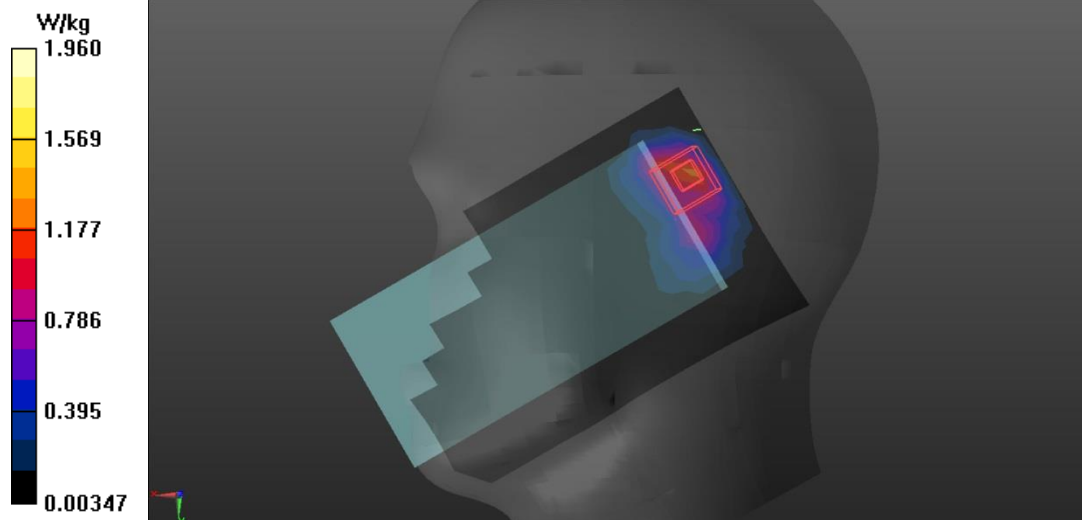
Peak SAR (extrapolated) = 2.47 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.442 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 44.5%

Maximum value of SAR (measured) = 1.96 W/kg



Test Laboratory: BTL

Date: 2022/10/17

## 5G N66\_20M \_CH354000

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.345$  S/m;  $\epsilon_r = 41.178$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1289; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7678; ConvF(8.63, 8.63, 8.63) @ 1770 MHz; Calibrated: 2022/8/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1897

### Right Tilted /RB1,104/Ant 4/Area Scan (8x14x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.858 W/kg

### Right Tilted /RB1,104/Ant 4/Zoom Scan (5x5x7) /Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.29 V/m; Power Drift = 0.23 dB

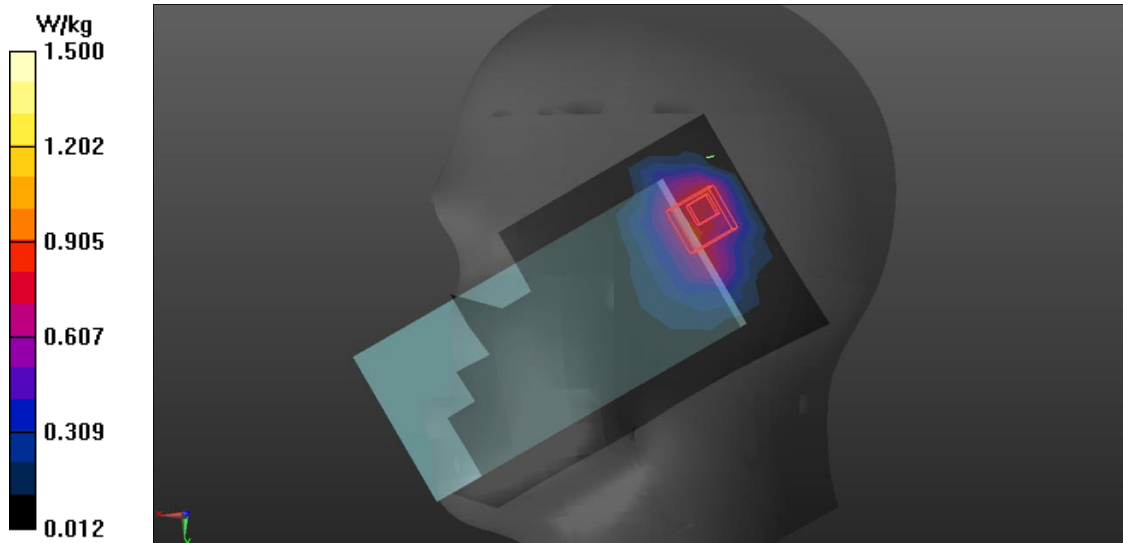
Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 0.880 W/kg; SAR(10 g) = 0.447 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 49.9%

Maximum value of SAR (measured) = 1.50 W/kg





Test Laboratory: BTL

Date: 2022/10/24

## 5G N7\_CH512000

Frequency: 2560 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.884$  S/m;  $\epsilon_r = 38.948$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1289; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7678; ConvF(8.11, 8.11, 8.11) @ 2560 MHz; Calibrated: 2022/8/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1897

### Right Tilted/RB 50,25/Ant 4/Area Scan (10x16x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.687 W/kg

### Right Tilted/RB 50,25/Ant 4/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.24 V/m; Power Drift = -0.08 dB

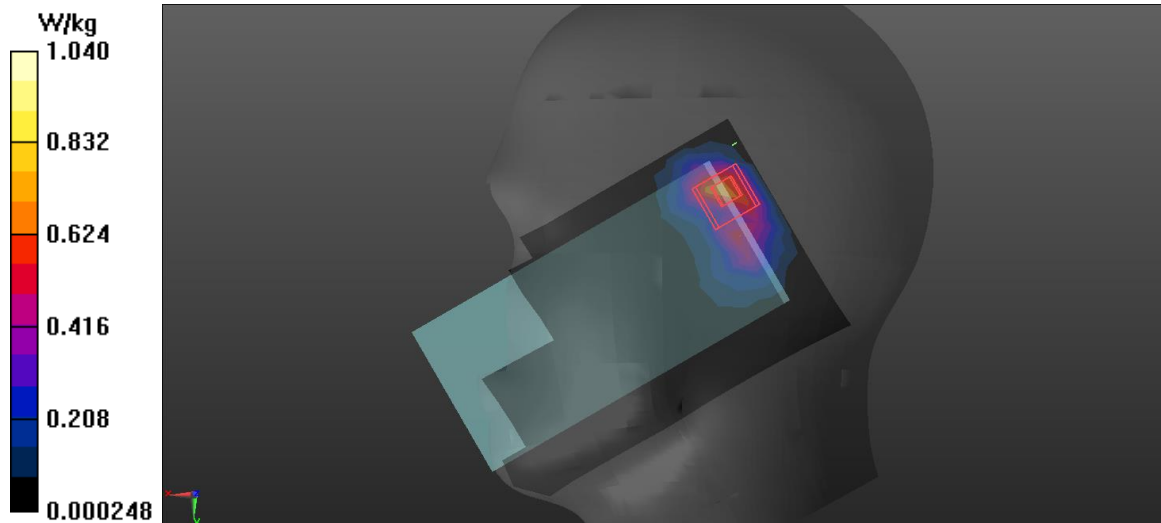
Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.234 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 44%

Maximum value of SAR (measured) = 1.04 W/kg



Test Laboratory: BTL

Date: 2022/10/24

## 5G N38\_CH522000

Frequency: 2610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (extrapolated):  $f = 2610$  MHz;  $\sigma = 1.928$  S/m;  $\epsilon_r = 38.836$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1289; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7678; ConvF(8.11, 8.11, 8.11) @ 2610 MHz; Calibrated: 2022/8/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1897

### Right Tilted/RB 25,12/Ant 4/Area Scan (10x16x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.857 W/kg

### Right Tilted/RB 25,12/Ant 4/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.03 V/m; Power Drift = 0.05 dB

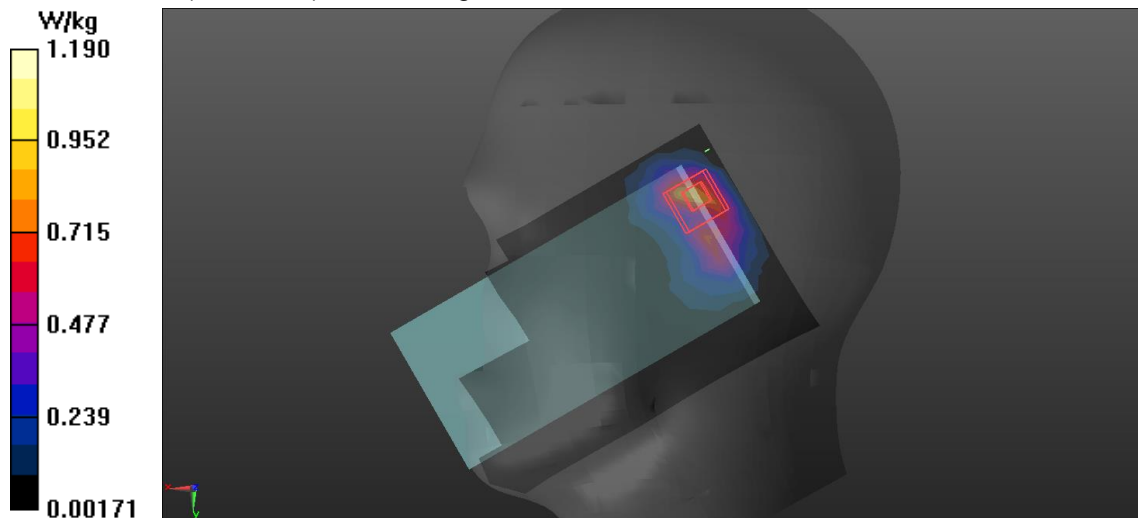
Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.273 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 43.7%

Maximum value of SAR (measured) = 1.19 W/kg



Test Laboratory: BTL

Date: 2022/10/24

## 5G N41\_CH509202

Frequency: 2546.01 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated):  $f = 2546.01$  MHz;  $\sigma = 1.873$  S/m;  $\epsilon_r = 38.975$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1289; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7678; ConvF(8.11, 8.11, 8.11) @ 2546.01 MHz; Calibrated: 2022/8/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1897

### Right Tilted/RB 1,271/Ant 4/Area Scan (10x16x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.774 W/kg

### Right Tilted/RB 1,271/Ant 4/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.08 V/m; Power Drift = 0.07 dB

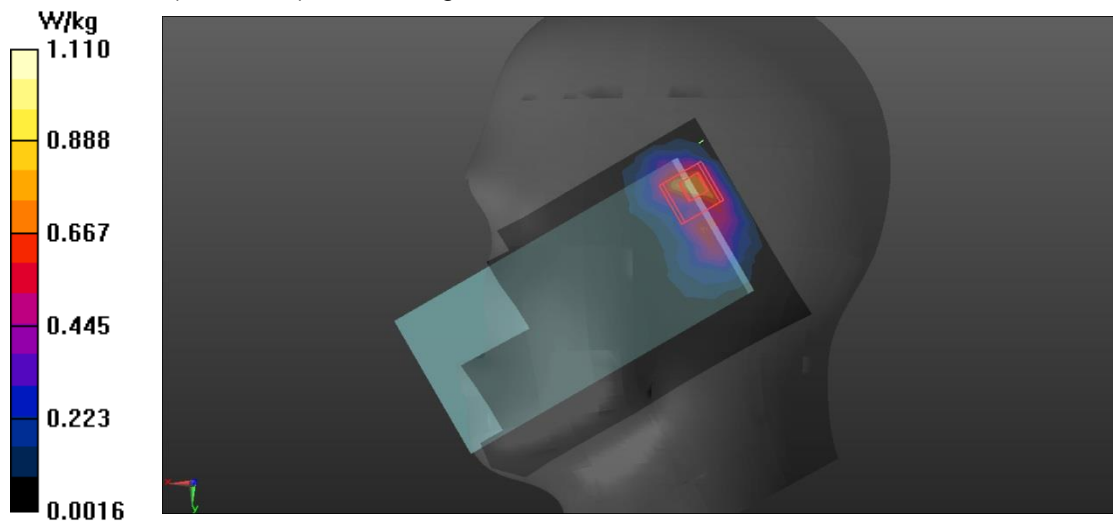
Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.257 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 42.4%

Maximum value of SAR (measured) = 1.11 W/kg



Test Laboratory: BTL

Date: 2022/10/25

## 5G N66\_CH354000

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.333$  S/m;  $\epsilon_r = 40.27$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1289; Calibrated: 2022/5/31
- Probe: EX3DV4 - SN7678; ConvF(8.63, 8.63, 8.63) @ 1770 MHz; Calibrated: 2022/8/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1897

### Right Tilted/RB 100,0/Ant 4/Area Scan (8x14x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.480 W/kg

### Right Tilted/RB 100,0/Ant 4/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.28 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.834 W/kg

**SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.224 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 54.4%

Maximum value of SAR (measured) = 0.723 W/kg

