

## Bluetooth

Frequency: 2402 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated):  $f = 2402$  MHz;  $\sigma = 1.791$  S/m;  $\epsilon_r = 38.56$ ;  $\rho = 1000$  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: 2021/5/7
- Probe: ES3DV3 - SN3253; ConvF(4.77, 4.77, 4.77); Calibrated: 2021/5/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0\_left; Type: QD 000 P40 CD; Serial: xxxx

**Left/Phone/Bluetooth/Ch 0/Left Cheek/Area Scan (9x17x1):** Measurement grid:

$dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.128 W/kg

**Left/Phone/Bluetooth/Ch 0/Left Cheek/Zoom Scan (7x7x7)/Cube 0:**

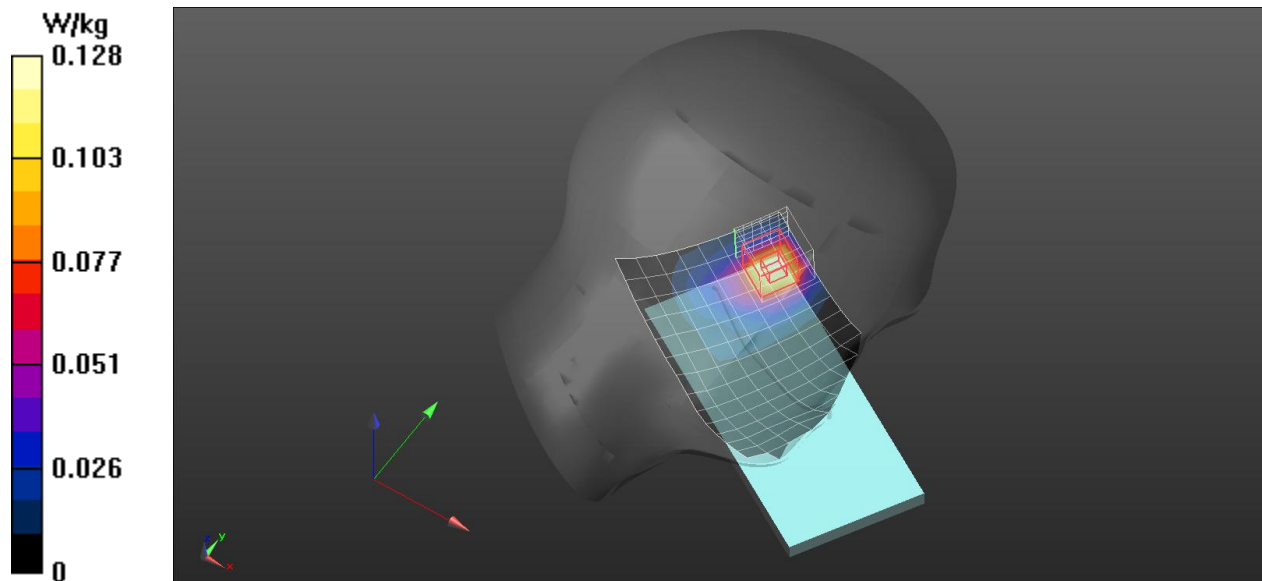
Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.956 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.286 W/kg

**SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.062 W/kg**

Maximum value of SAR (measured) = 0.210 W/kg



## WiFi 2.4G

Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.856$  S/m;  $\epsilon_r = 38.321$ ;  $\rho = 1000$  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: 2021/5/7
- Probe: ES3DV3 - SN3253; ConvF(4.77, 4.77, 4.77); Calibrated: 2021/5/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0\_left; Type: QD 000 P40 CD; Serial: xxxx

### Left/Phone/WiFi 2.4GHz/802.11g Ch 11/Left Cheek 2/Area Scan (9x17x1):

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

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

### Left/Phone/WiFi 2.4GHz/802.11g Ch 11/Left Cheek 2/Zoom Scan

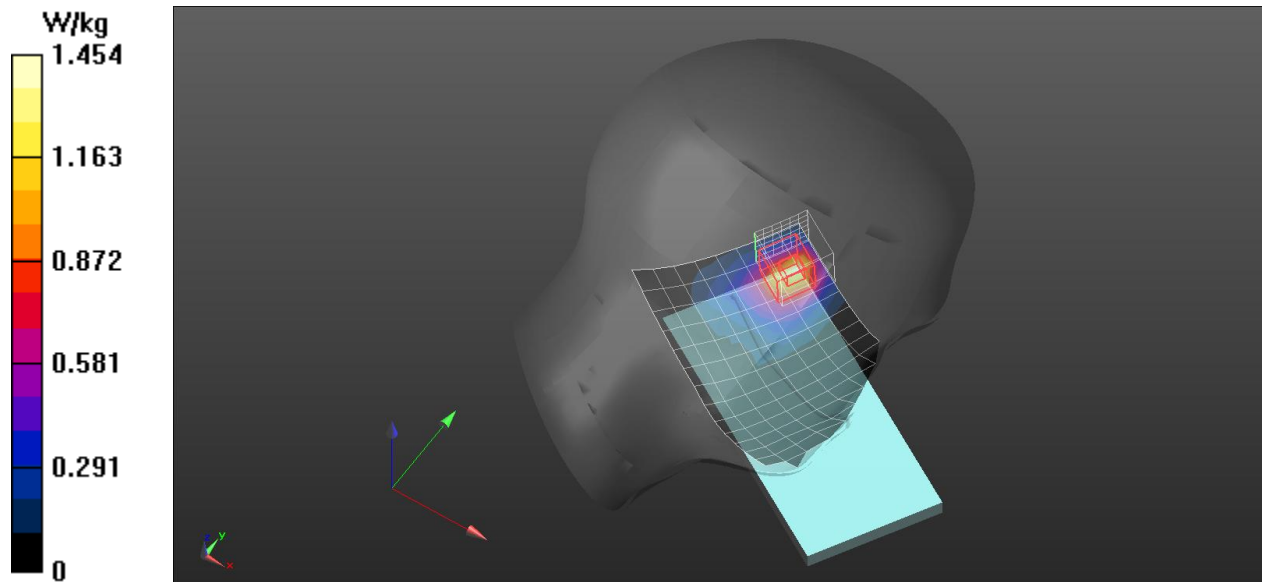
**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.150 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.15 W/kg

**SAR(1 g) = 0.993 W/kg; SAR(10 g) = 0.466 W/kg**

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



## WiFi 5G

Frequency: 5310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 5310$  MHz;  $\sigma = 4.876$  S/m;  $\epsilon_r = 35.286$ ;  $\rho = 1000$  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: 2021/5/7
- Probe: EX3DV4 - SN7544; ConvF(5.25, 5.25, 5.25); Calibrated: 2020/10/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0\_left; Type: QD 000 P40 CD; Serial: xxxx

### Left/Phone/WiFi 5GHz/802.11n HT40 Ch 62/Left Tilted/Area Scan

**(11x21x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.26 W/kg

### Left/Phone/WiFi 5GHz/802.11n HT40 Ch 62/Left Tilted/Zoom Scan

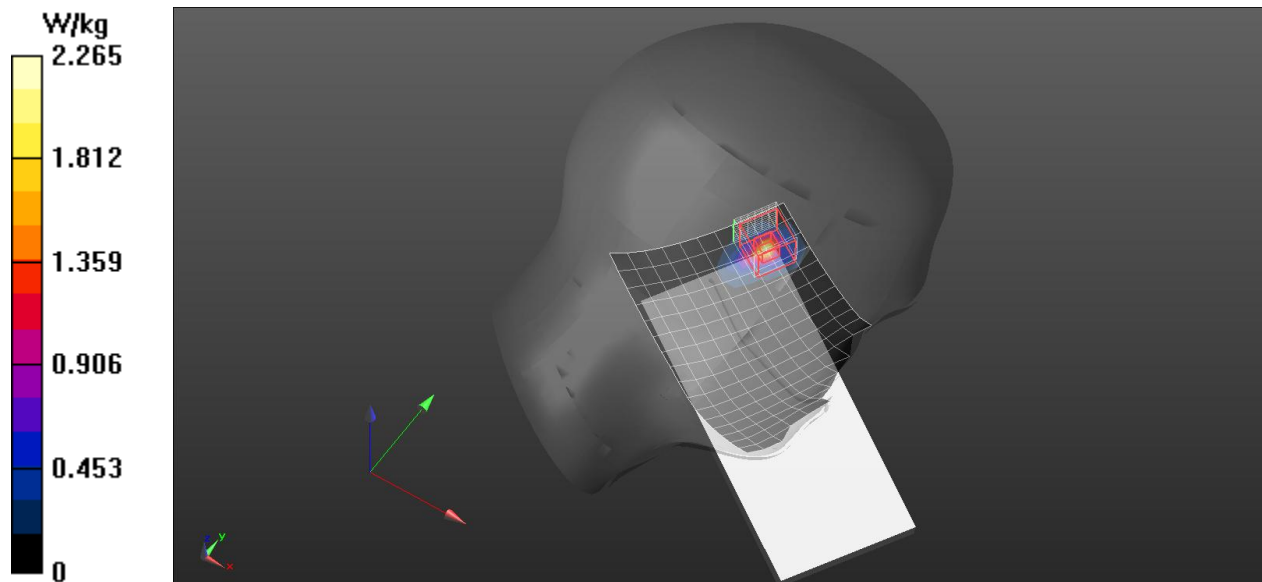
**(7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.452 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 4.46 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.287 W/kg**

Maximum value of SAR (measured) = 2.34 W/kg



## WiFi 5G

Frequency: 5590 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 5590$  MHz;  $\sigma = 5.205$  S/m;  $\epsilon_r = 34.612$ ;  $\rho = 1000$  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: 2021/5/7
- Probe: EX3DV4 - SN7544; ConvF(4.82, 4.82, 4.82); Calibrated: 2020/10/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0\_left; Type: QD 000 P40 CD; Serial: xxxx

### Left/Phone/WiFi 5GHz/802.11n HT40 Ch 118/Left Tilted/Area Scan

**(11x21x1):** Measurement grid: dx=10mm, dy=10mm

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

### Left/Phone/WiFi 5GHz/802.11n HT40 Ch 118/Left Tilted/Zoom Scan

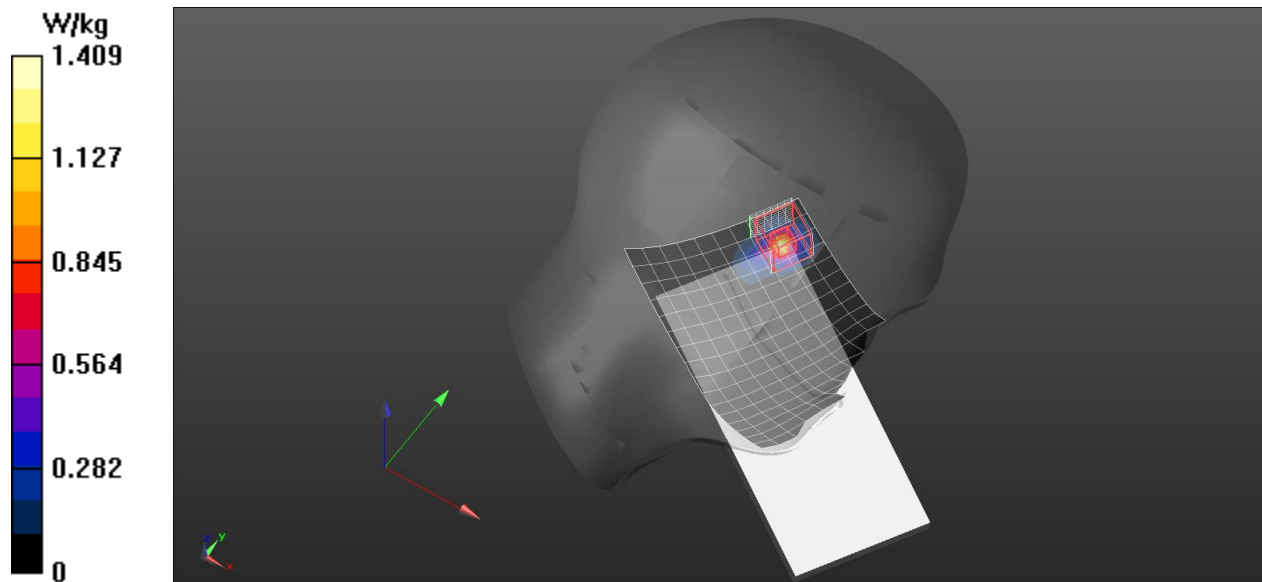
**(7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.824 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.00 W/kg

**SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.176 W/kg**

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



Test Laboratory: The name of your organization  
2021/6/24

Date:

## WiFi 5G

Frequency: 5795 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 5795$  MHz;  $\sigma = 5.451$  S/m;  $\epsilon_r = 34.144$ ;  $\rho = 1000$  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: 2021/5/7
- Probe: EX3DV4 - SN7544; ConvF(4.8, 4.8, 4.8); Calibrated: 2020/10/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0\_left; Type: QD 000 P40 CD; Serial: xxxx

### Left/Phone/WiFi 5GHz/802.11n HT40/ Ch 159/Left Tilted/Area Scan

**(11x21x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.809 W/kg

### Left/Phone/WiFi 5GHz/802.11n HT40/ Ch 159/Left Tilted/Zoom Scan

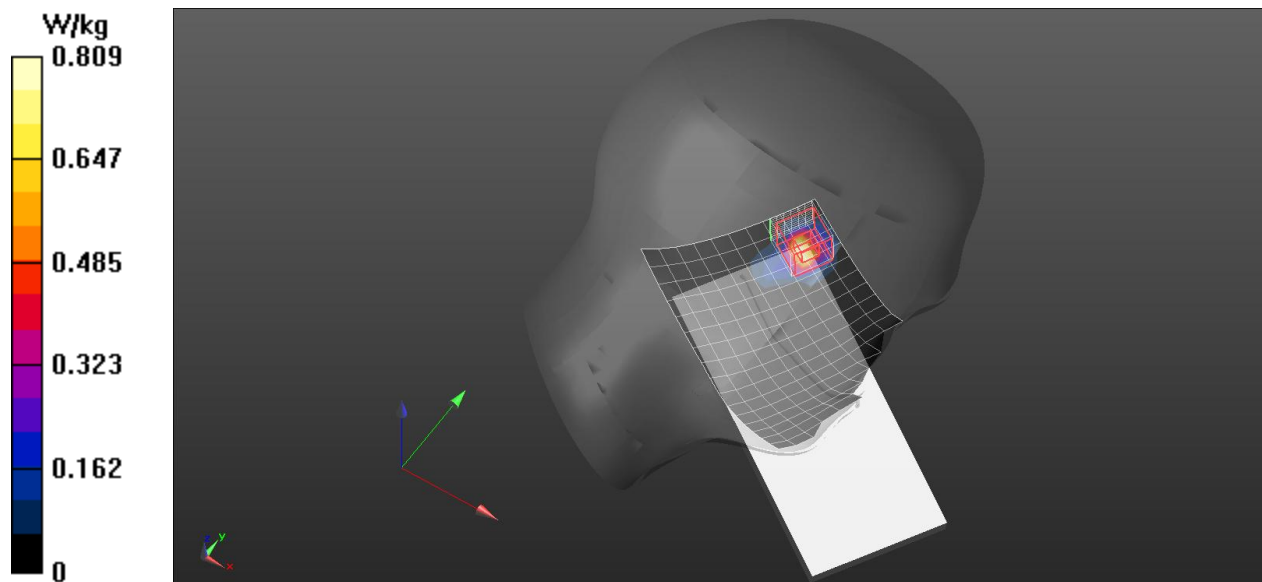
**(7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.580 V/m; Power Drift = 1.13 dB

Peak SAR (extrapolated) = 2.21 W/kg

**SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.132 W/kg**

Maximum value of SAR (measured) = 1.00 W/kg



## WCDMA Band II

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.394$  S/m;  $\epsilon_r = 41.243$ ;  $\rho = 1000$  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: 2021/5/7
- Probe: ES3DV3 - SN3253; ConvF(5.21, 5.21, 5.21); Calibrated: 2021/5/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0\_left; Type: QD 000 P40 CD; Serial: xxxx

### Edge 3/Phone/WCDMA Band II/Ch 9400/Edge 3 10mm/Area Scan (5x7x1):

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

Maximum value of SAR (measured) = 1.13 W/kg

### Edge 3/Phone/WCDMA Band II/Ch 9400/Edge 3 10mm/Zoom Scan

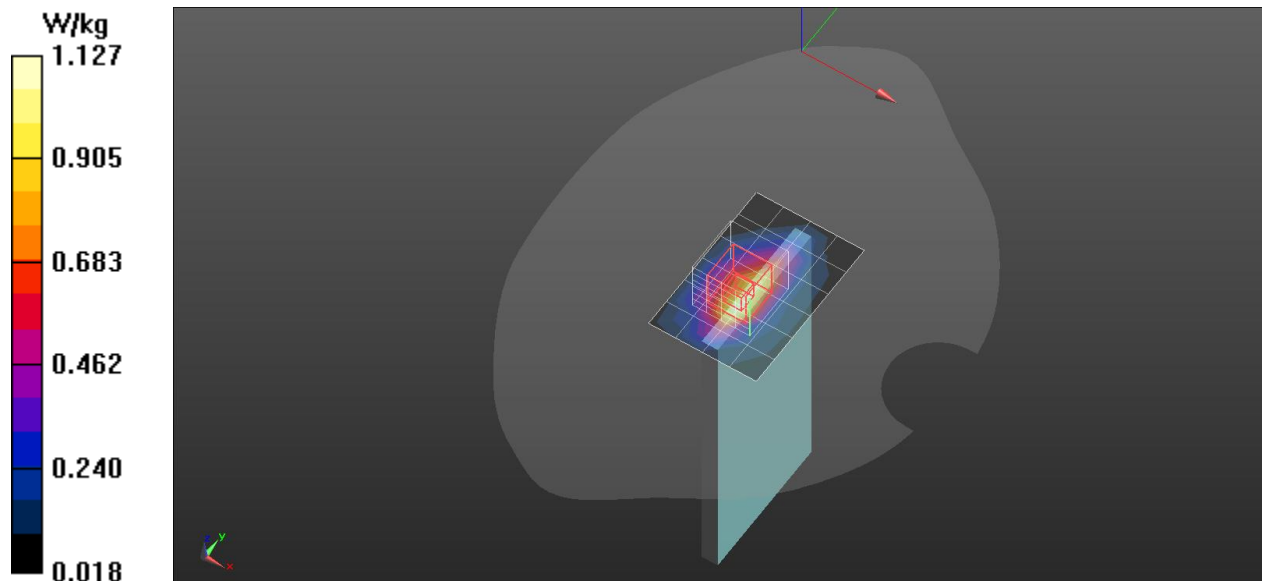
**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.985 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.471 W/kg**

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



## WCDMA Band IV

Frequency: 1752.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.33$  S/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  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: 2021/5/7
- Probe: ES3DV3 - SN3253; ConvF(5.39, 5.39, 5.39); Calibrated: 2021/5/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0\_left; Type: QD 000 P40 CD; Serial: xxxx

### Edge 3/Phone/WCDMA Band IV/Ch 1513 /Edge 3 10mm/Area Scan

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

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

### Edge 3/Phone/WCDMA Band IV/Ch 1513 /Edge 3 10mm/Zoom Scan

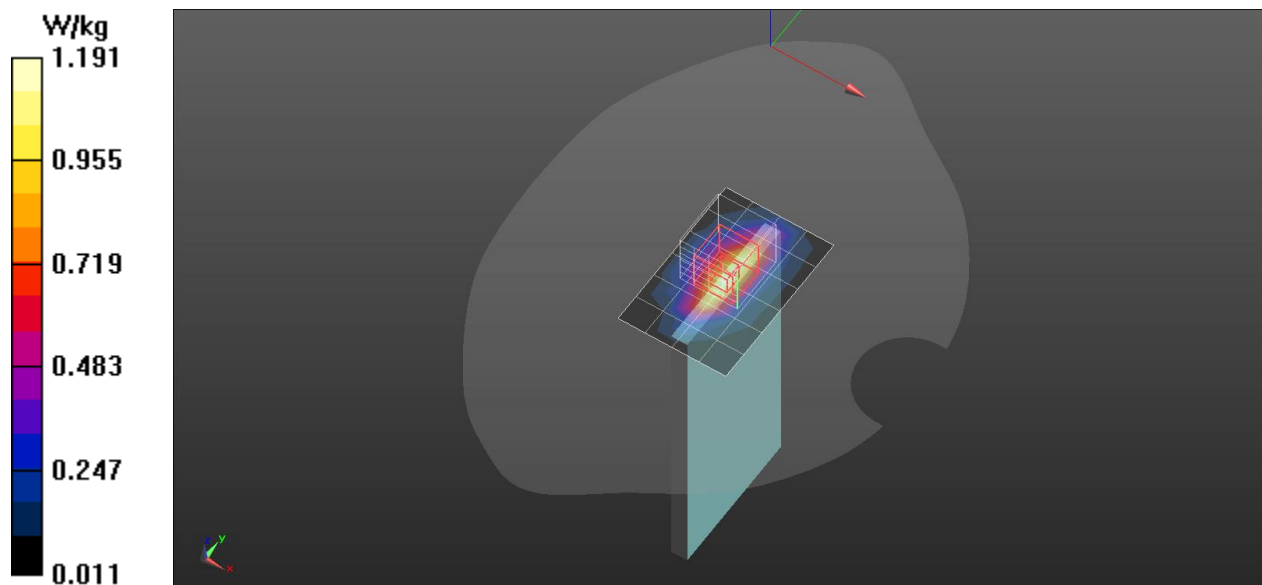
**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.145 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.473 W/kg**

Maximum value of SAR (measured) = 1.21 W/kg



## WCDMA Band V

Frequency: 846.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.914$  S/m;  $\epsilon_r = 42.929$ ;  $\rho = 1000$  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: 2021/5/7
- Probe: ES3DV3 - SN3253; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/5/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0\_left; Type: QD 000 P40 CD; Serial: xxxx

### Edge 3/Phone/WCDMA Band V/Ch 4233/Edge 3 10mm/Area Scan (5x7x1):

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

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

### Edge 3/Phone/WCDMA Band V/Ch 4233/Edge 3 10mm/Zoom Scan

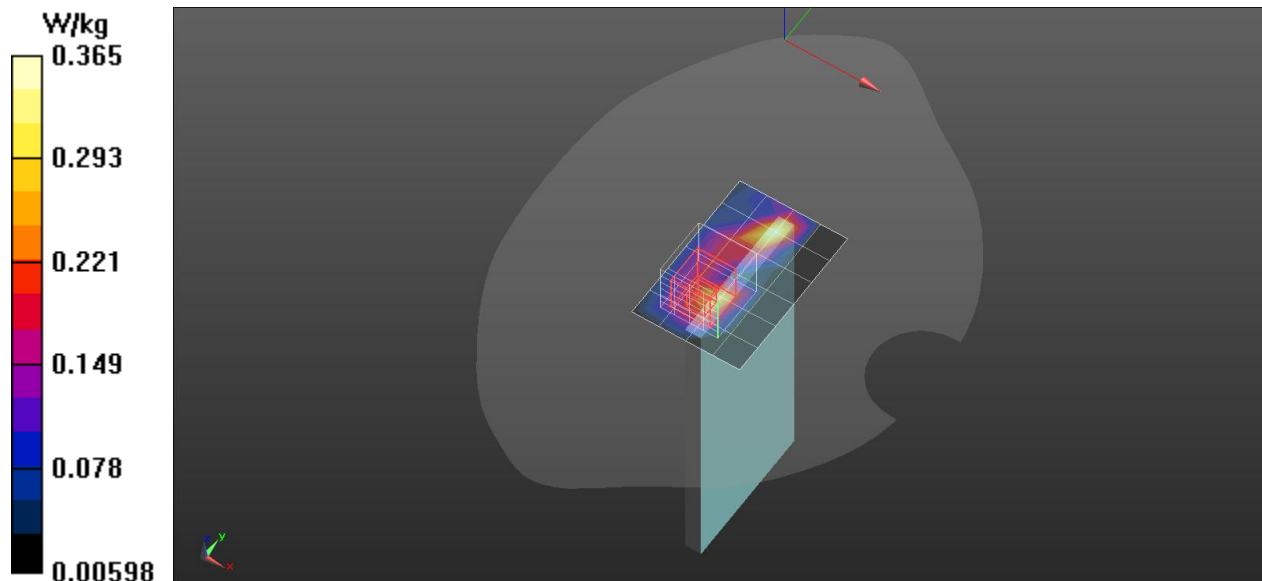
**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.132 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.113 W/kg**

Maximum value of SAR (measured) = 0.631 W/kg





## LTE Band 2

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

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.375$  S/m;  $\epsilon_r = 41.34$ ;  $\rho = 1000$  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: 2021/5/7
- Probe: ES3DV3 - SN3253; ConvF(5.21, 5.21, 5.21); Calibrated: 2021/5/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0\_left; Type: QD 000 P40 CD; Serial: xxxx

### Edge 3/Phone/LTE Band 2/Ch 18700 1,0/Edge 3 10mm/Area Scan (5x7x1):

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

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

### Edge 3/Phone/LTE Band 2/Ch 18700 1,0/Edge 3 10mm/Zoom Scan

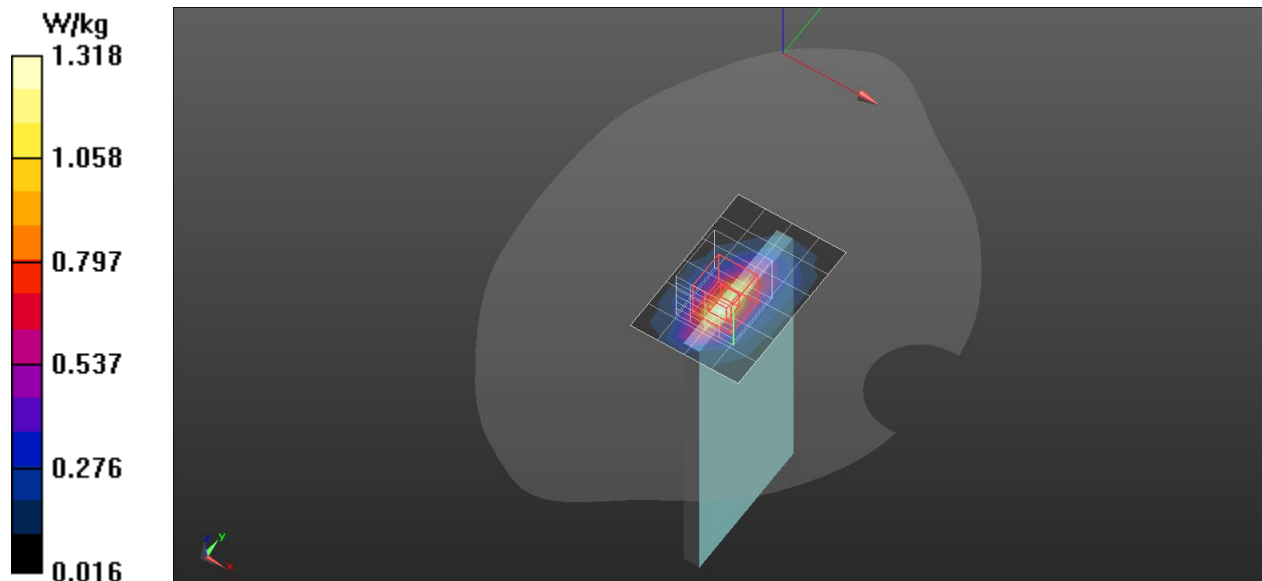
**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.190 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.468 W/kg**

Maximum value of SAR (measured) = 1.34 W/kg



## LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.3$  S/m;  $\epsilon_r = 40.436$ ;  $\rho = 1000$  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: 2021/5/7
- Probe: ES3DV3 - SN3253; ConvF(5.39, 5.39, 5.39); Calibrated: 2021/5/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0\_left; Type: QD 000 P40 CD; Serial: xxxx

### Edge 3/Phone/LTE Band 4/Ch 20175 1,0/Edge 3 10mm/Area Scan (5x7x1):

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

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

### Edge 3/Phone/LTE Band 4/Ch 20175 1,0/Edge 3 10mm/Zoom Scan

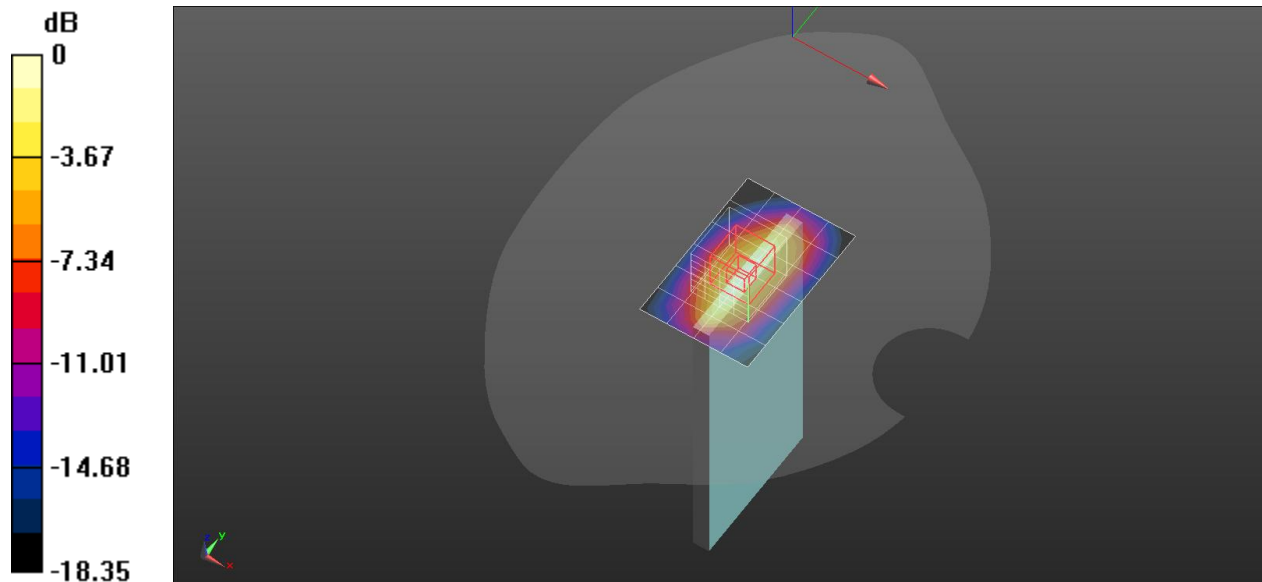
**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.137 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.65 W/kg

**SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.475 W/kg**

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



0 dB = 1.26 W/kg = 1.00 dBW/kg

## LTE Band 5

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;  $\sigma = 0.903$  S/m;  $\epsilon_r = 43.017$ ;  $\rho = 1000$  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: 2021/5/7
- Probe: ES3DV3 - SN3253; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/5/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0\_left; Type: QD 000 P40 CD; Serial: xxxx

### Rear & Front/Phone/LTE Band 5/Ch 20525 RB1,0/Rear 10mm/Area Scan

**(8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

### Rear & Front/Phone/LTE Band 5/Ch 20525 RB1,0/Rear 10mm/Zoom Scan

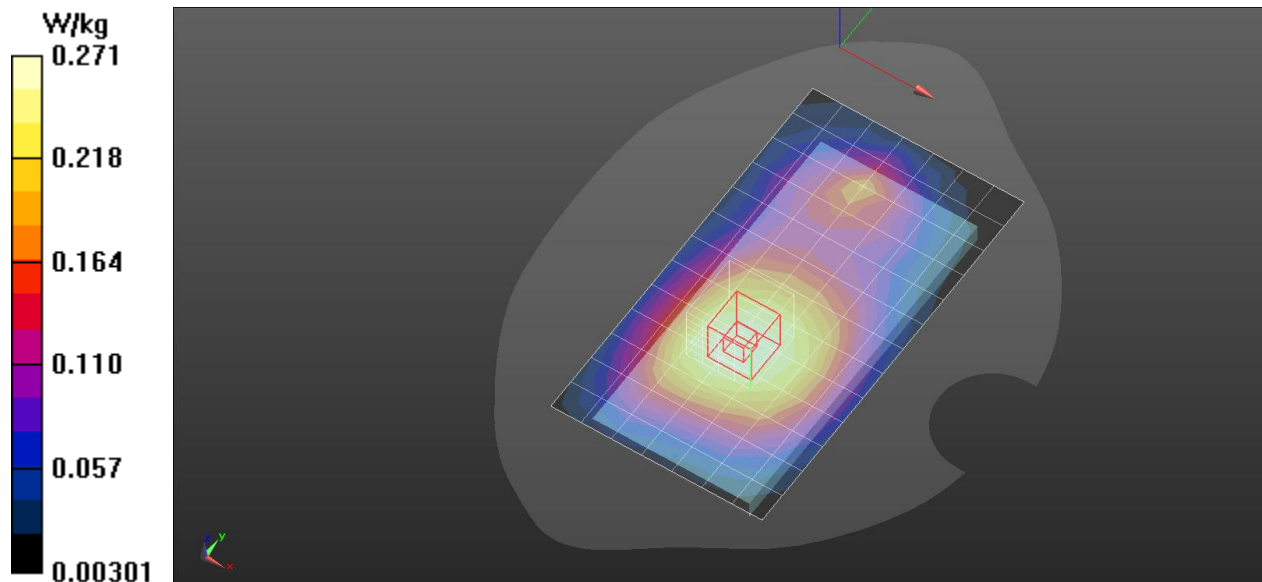
**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.580 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.322 W/kg

**SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.176 W/kg**

Maximum value of SAR (measured) = 0.275 W/kg



## LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 42.417$ ;  $\rho = 1000$  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: 2021/5/7
- Probe: ES3DV3 - SN3253; ConvF(6.43, 6.43, 6.43); Calibrated: 2021/5/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0\_left; Type: QD 000 P40 CD; Serial: xxxx

### Rear & Front/Phone/LTE Band 12/Ch 23095 RB1,0/Rear 10mm/Area Scan

**(8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

### Rear & Front/Phone/LTE Band 12/Ch 23095 RB1,0/Rear 10mm/Zoom

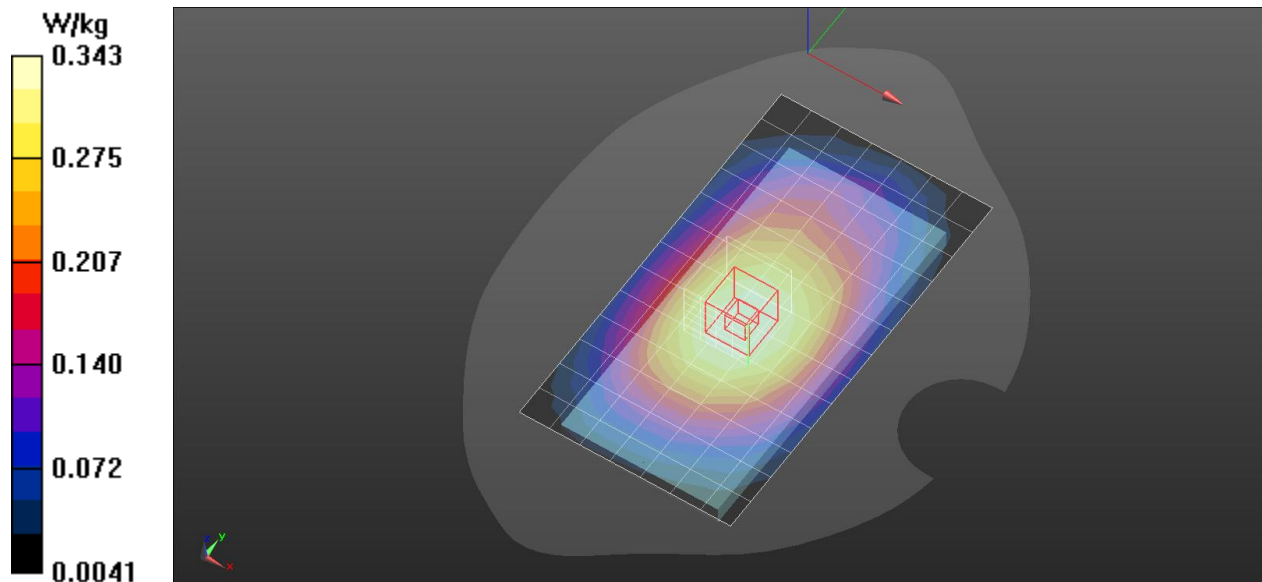
**Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.288 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.407 W/kg

**SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.236 W/kg**

Maximum value of SAR (measured) = 0.348 W/kg



## LTE Band 14

Frequency: 793 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.938$  S/m;  $\epsilon_r = 41.227$ ;  $\rho = 1000$  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: 2021/5/7
- Probe: ES3DV3 - SN3253; ConvF(6.43, 6.43, 6.43); Calibrated: 2021/5/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0\_left; Type: QD 000 P40 CD; Serial: xxxx

### Rear/Phone/LTE Band 14/Ch 23330 RB1,49/Rear 10mm/Area Scan

**(8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.372 W/kg

### Rear/Phone/LTE Band 14/Ch 23330 RB1,49/Rear 10mm/Zoom Scan

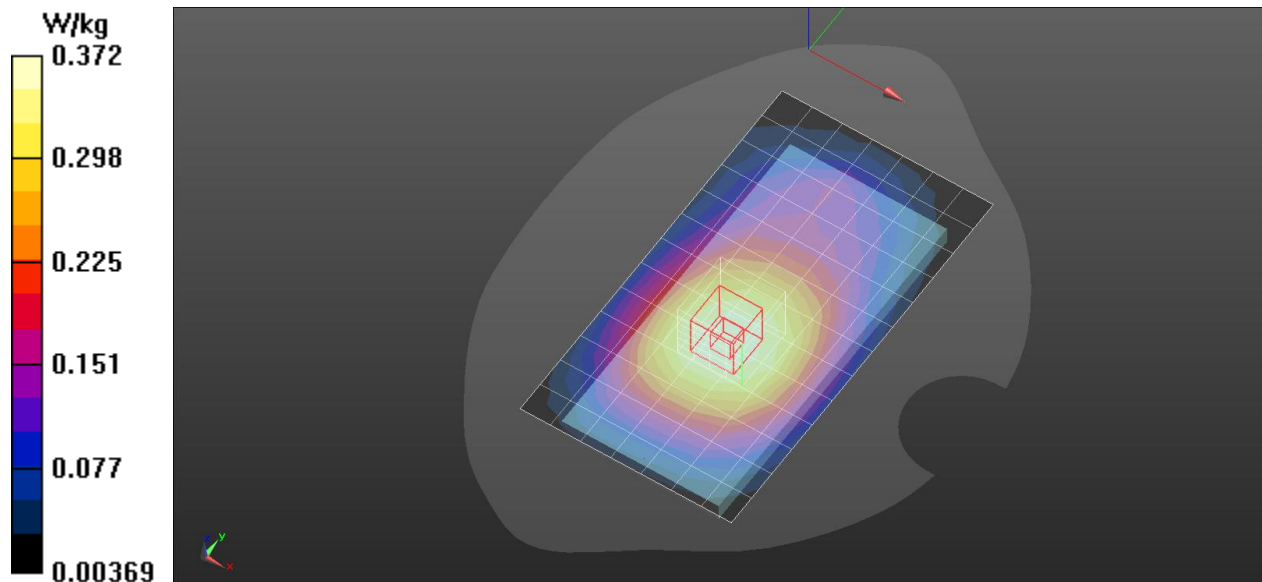
**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.074 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.440 W/kg

**SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.246 W/kg**

Maximum value of SAR (measured) = 0.376 W/kg



## LTE Band 30

Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.692$  S/m;  $\epsilon_r = 40.868$ ;  $\rho = 1000$  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: 2021/5/7
- Probe: ES3DV3 - SN3253; ConvF(5, 5, 5); Calibrated: 2021/5/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0\_left; Type: QD 000 P40 CD; Serial: xxxx

### Edge 3/Phone/LTE Band 30/Ch 27710 1RB/Edge 3 10mm/Area Scan

**(6x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.937 W/kg

### Edge 3/Phone/LTE Band 30/Ch 27710 1RB/Edge 3 10mm/Zoom Scan

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

Reference Value = 16.496 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.340 W/kg**

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

