

## **Annex B. SAR Plots of SAR Measurement**

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination are shown as follows.

## P01 WCDMA II\_RMC12.2K\_Rear Face\_0mm\_Ch9538\_Ant 1\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1\_0729 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.466$  S/m;  $\epsilon_r = 40.597$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.42, 8.42, 8.42) @ 1907.6 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (161x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.587 W/kg

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

Reference Value = 18.57 V/m; Power Drift = 0.00 dB

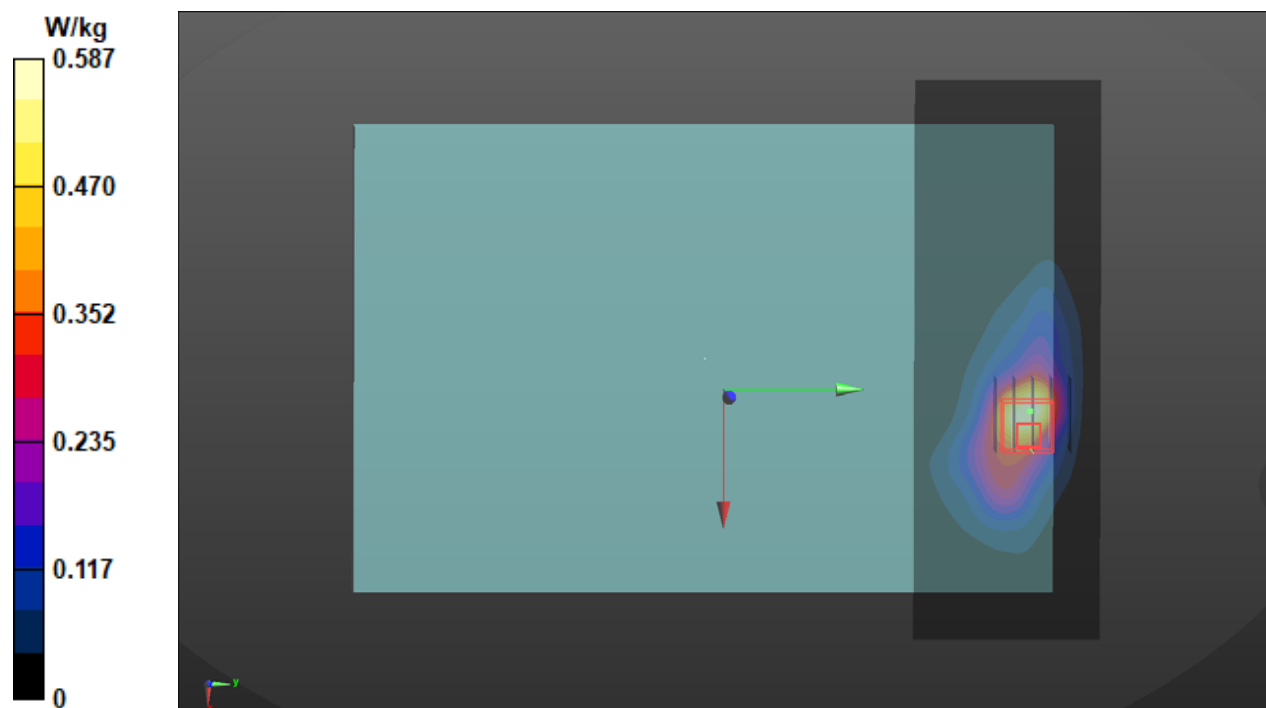
Peak SAR (extrapolated) = 2.11 W/kg

**SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.310 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 31.1%

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



## P02 WCDMA IV\_RMC12.2K\_Rear Face\_0mm\_Ch1513\_Ant 1\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1752.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1\_0809 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.321$  S/m;  $\epsilon_r = 40.256$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.64, 8.64, 8.64) @ 1752.6 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

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

Reference Value = 27.37 V/m; Power Drift = -0.09 dB

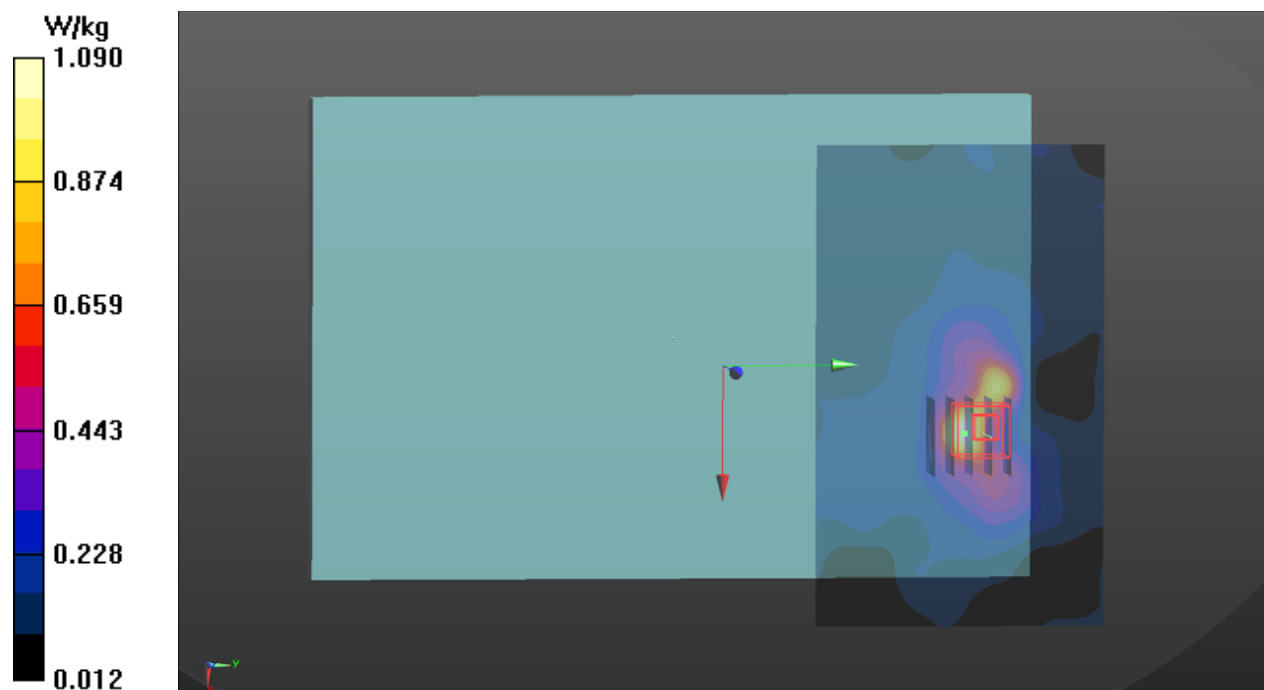
Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.336 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 60.1%

Maximum value of SAR (measured) = 0.947 W/kg



### P03 WCDMA V\_RMC12.2K\_Rear Face\_0mm\_Ch4132\_Ant 2\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:1.95

Medium: H07T10N1\_0717 Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.91$  S/m;  $\epsilon_r = 41.656$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.05, 10.05, 10.05) @ 826.4 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

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

Reference Value = 33.43 V/m; Power Drift = -0.02 dB

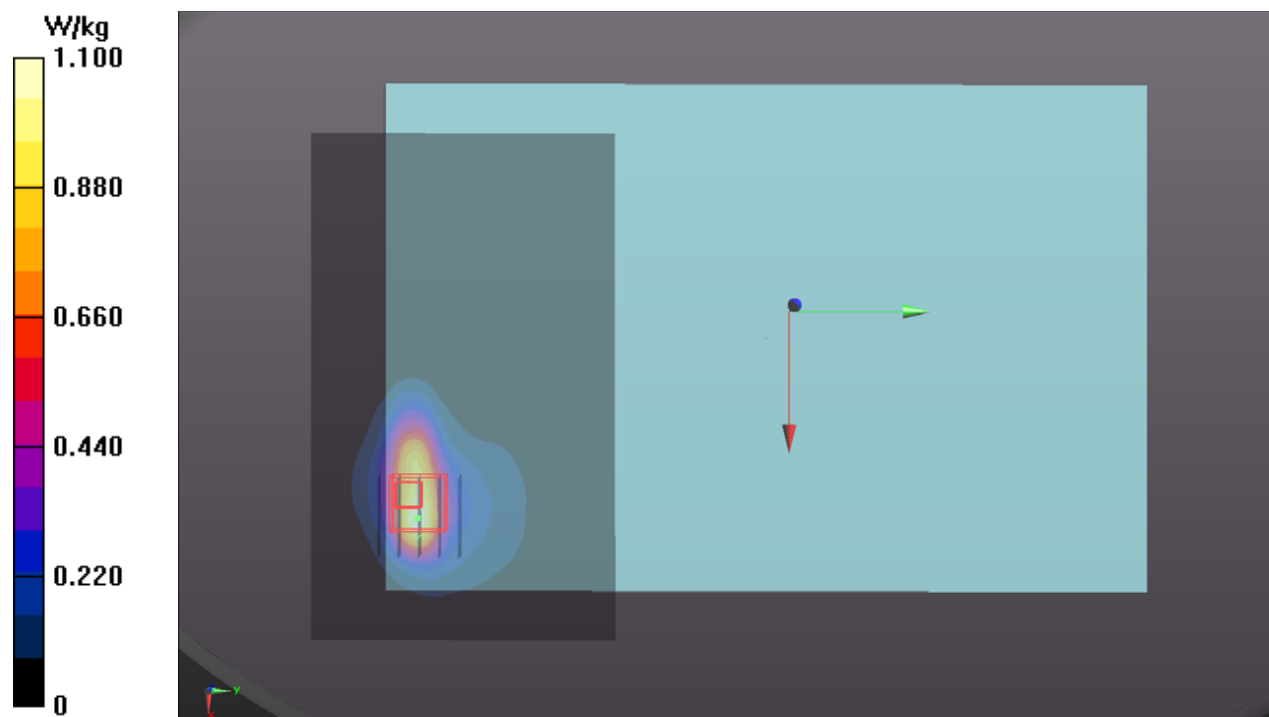
Peak SAR (extrapolated) = 2.16 W/kg

**SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.245 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 38.1%

Maximum value of SAR (measured) = 1.16 W/kg



### P04 LTE 5\_QPSK10M\_Rear Face\_0mm\_Ch20450\_1RB\_OS0\_Ant 2\_DSI 2

**DUT: AACHI-WTW-P21070078**

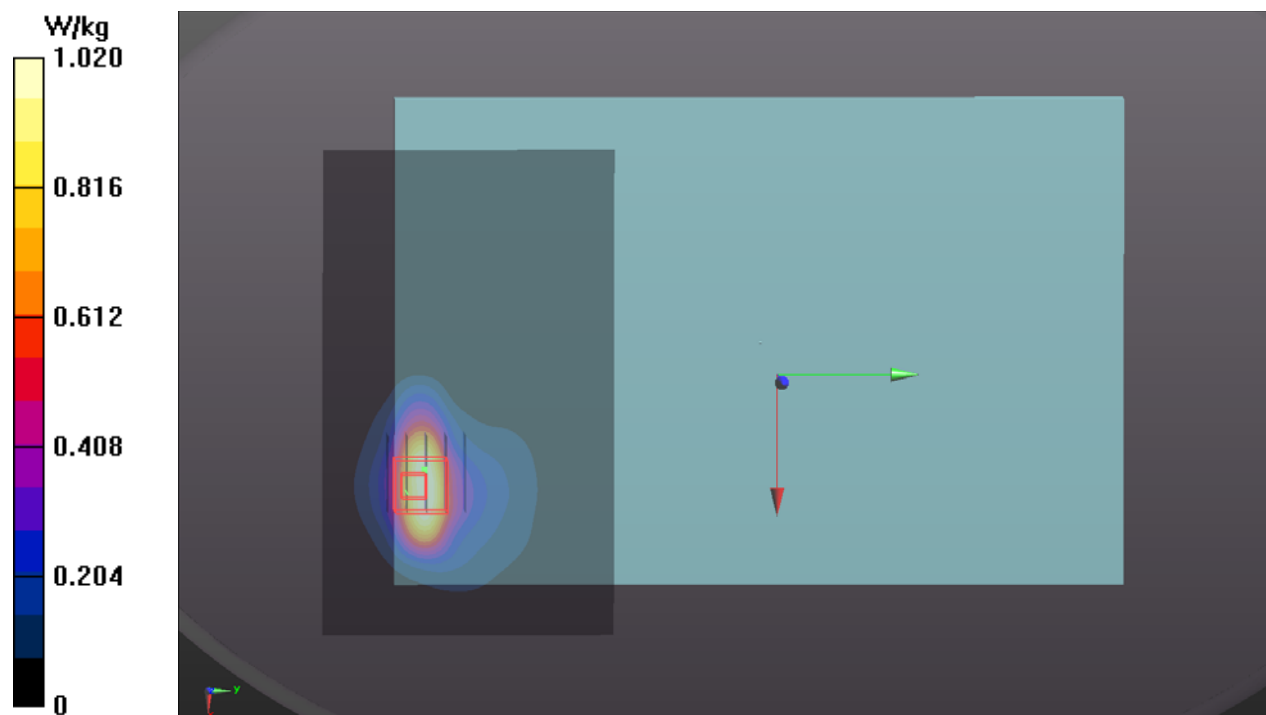
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 829 MHz; Duty Cycle: 1:3.74  
Medium: H07T10N1\_0717 Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 41.626$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7472; ConvF(10.05, 10.05, 10.05) @ 829 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.02 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 34.26 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 1.81 W/kg  
**SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.267 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 8.2 mm  
Ratio of SAR at M2 to SAR at M1 = 37.4%  
Maximum value of SAR (measured) = 1.09 W/kg



## P05 LTE 7\_QPSK20M\_Rear Face\_0mm\_Ch20850\_1RB\_OS0\_Ant 1\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 2510 MHz; Duty Cycle: 1:3.74

Medium: H19T27N2\_0808 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.928$  S/m;  $\epsilon_r = 39.506$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.21, 7.21, 7.21) @ 2510 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom\_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (171x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

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

Reference Value = 25.22 V/m; Power Drift = 0.04 dB

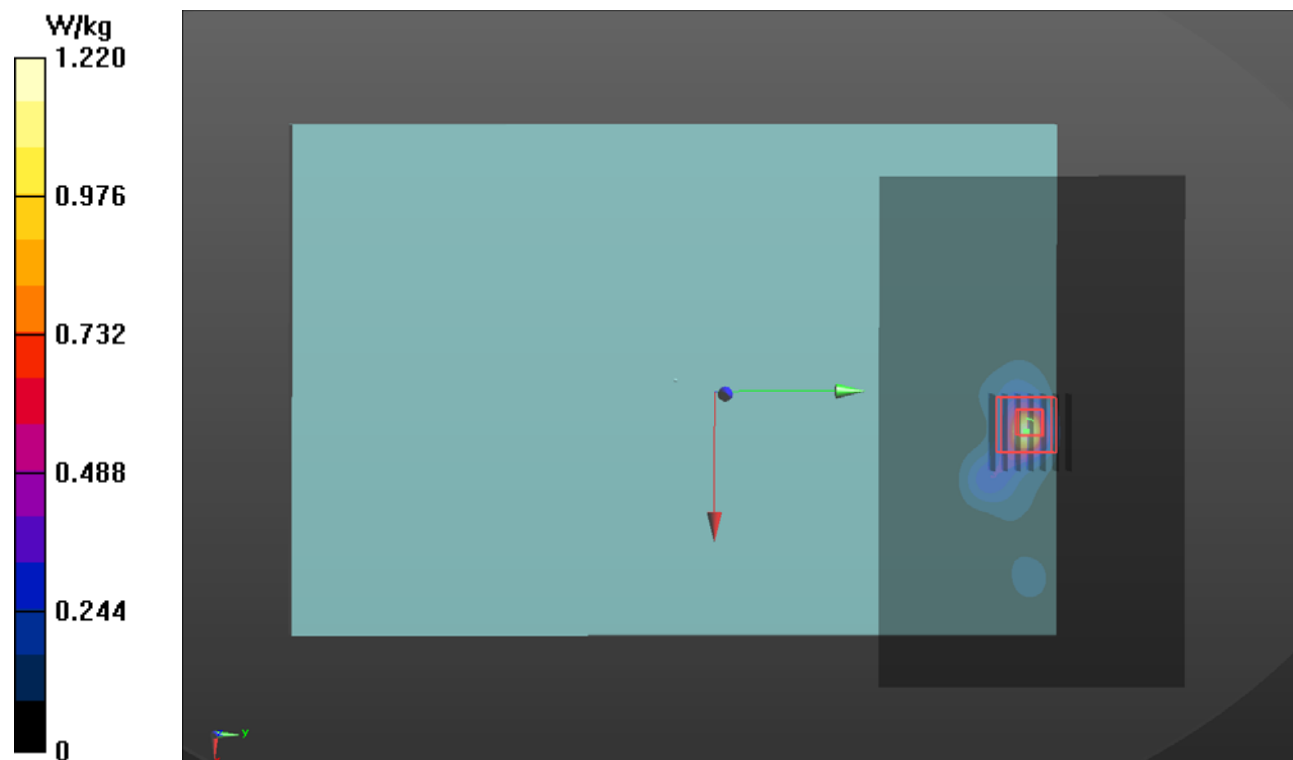
Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.175 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 32.5%

Maximum value of SAR (measured) = 1.18 W/kg



### P06 LTE 12\_QPSK10M\_Rear Face\_0mm\_Ch23095\_1RB\_OS0\_Ant 2\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 707.5 MHz; Duty Cycle: 1:3.74  
Medium: H06T09N1\_0806 Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.847$  S/m;  
 $\epsilon_r = 43.995$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(10, 10, 10) @ 707.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (161x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.23 W/kg

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

Reference Value = 36.41 V/m; Power Drift = -0.11 dB

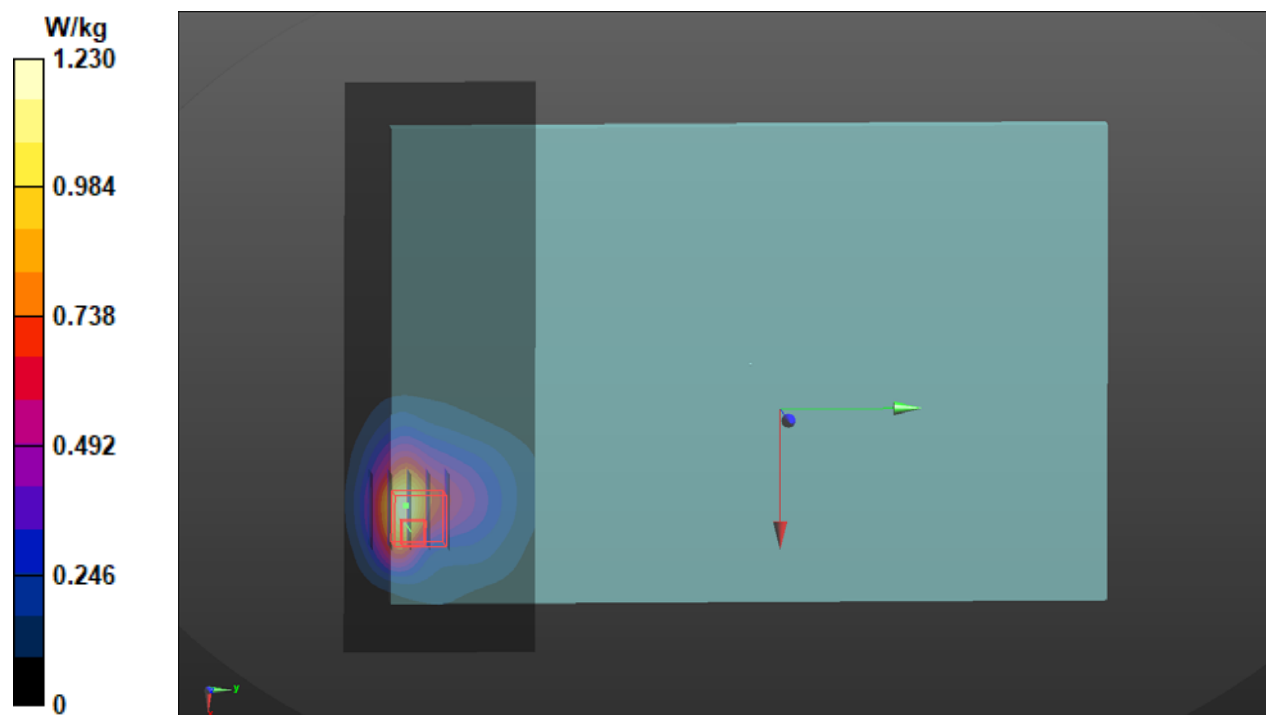
Peak SAR (extrapolated) = 2.31 W/kg

**SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.421 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 35.9%

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



### P07 LTE 13\_QPSK10M\_Rear Face\_0mm\_Ch23230\_1RB\_OS0\_Ant 2\_DSI 2

**DUT: AACHI-WTW-P21070078**

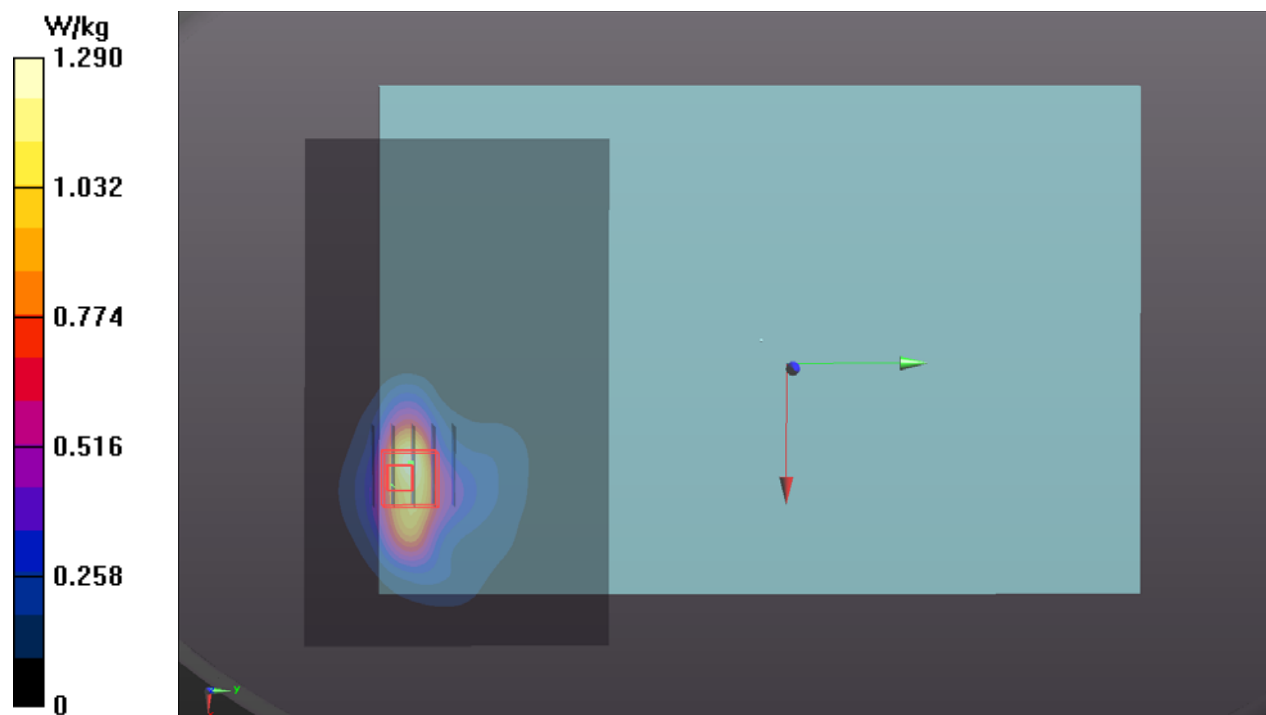
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 782 MHz; Duty Cycle: 1:3.74  
Medium: H06T09N1\_0717 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.924$  S/m;  $\epsilon_r = 42.467$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.32, 10.32, 10.32) @ 782 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x81x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.29 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 35.27 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 1.98 W/kg  
**SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.343 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 10 mm  
Ratio of SAR at M2 to SAR at M1 = 31.9%  
Maximum value of SAR (measured) = 1.22 W/kg





### P08 LTE 14\_QPSK10M\_Rear Face\_0mm\_Ch23330\_1RB\_OS0\_Ant 2\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 793 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1\_0717 Medium parameters used:  $f = 793 \text{ MHz}$ ;  $\sigma = 0.935 \text{ S/m}$ ;  $\epsilon_r = 42.328$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $23.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.32, 10.32, 10.32) @ 793 MHz; Calibrated: 2021/06/03

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2021/06/02

- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.16 \text{ W/kg}$

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

Reference Value =  $35.79 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$

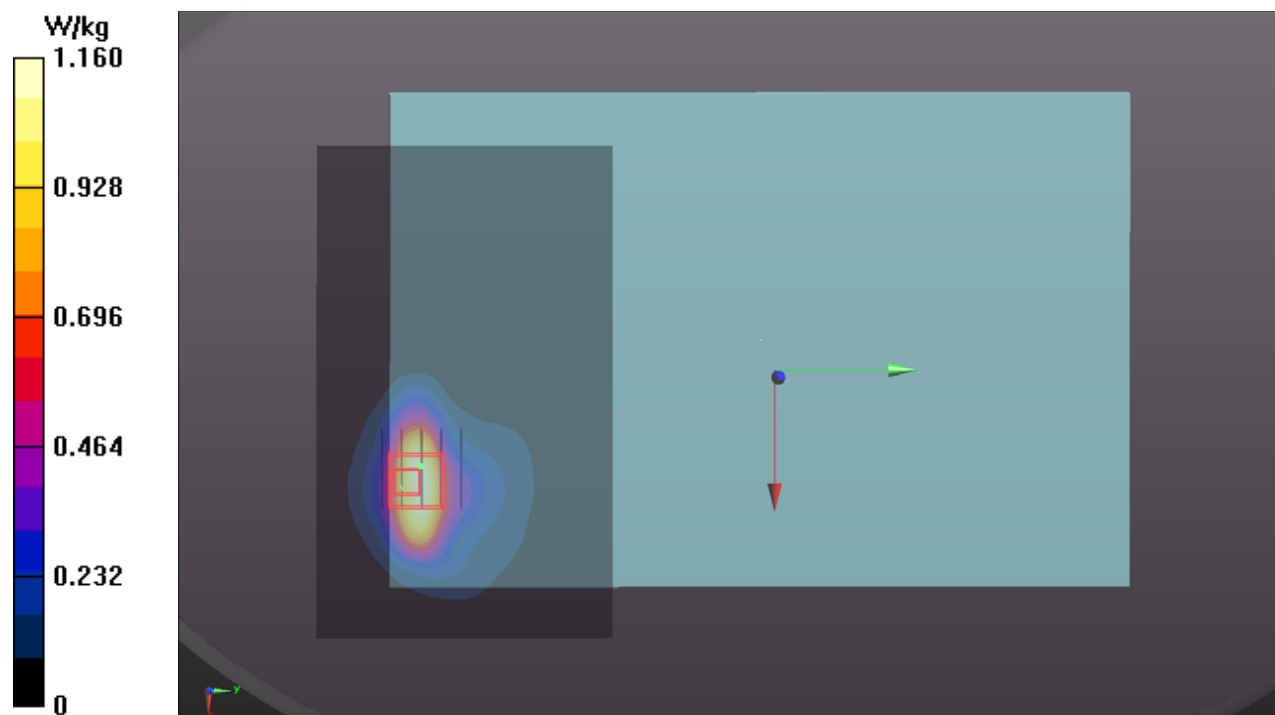
Peak SAR (extrapolated) =  $2.03 \text{ W/kg}$

**SAR(1 g) =  $0.617 \text{ W/kg}$ ; SAR(10 g) =  $0.313 \text{ W/kg}$**  (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below =  $10 \text{ mm}$

Ratio of SAR at M2 to SAR at M1 =  $39.4\%$

Maximum value of SAR (measured) =  $1.26 \text{ W/kg}$



### P09 LTE 25\_QPSK20M\_Rear Face\_0mm\_Ch26590\_1RB\_OS0\_Ant 1\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 1905 MHz; Duty Cycle: 1:3.74  
Medium: H16T20N1\_0729 Medium parameters used (interpolated):  $f = 1905$  MHz;  $\sigma = 1.464$  S/m;  
 $\epsilon_r = 40.604$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.42, 8.42, 8.42) @ 1905 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (161x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.657 W/kg

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

Reference Value = 17.80 V/m; Power Drift = -0.01 dB

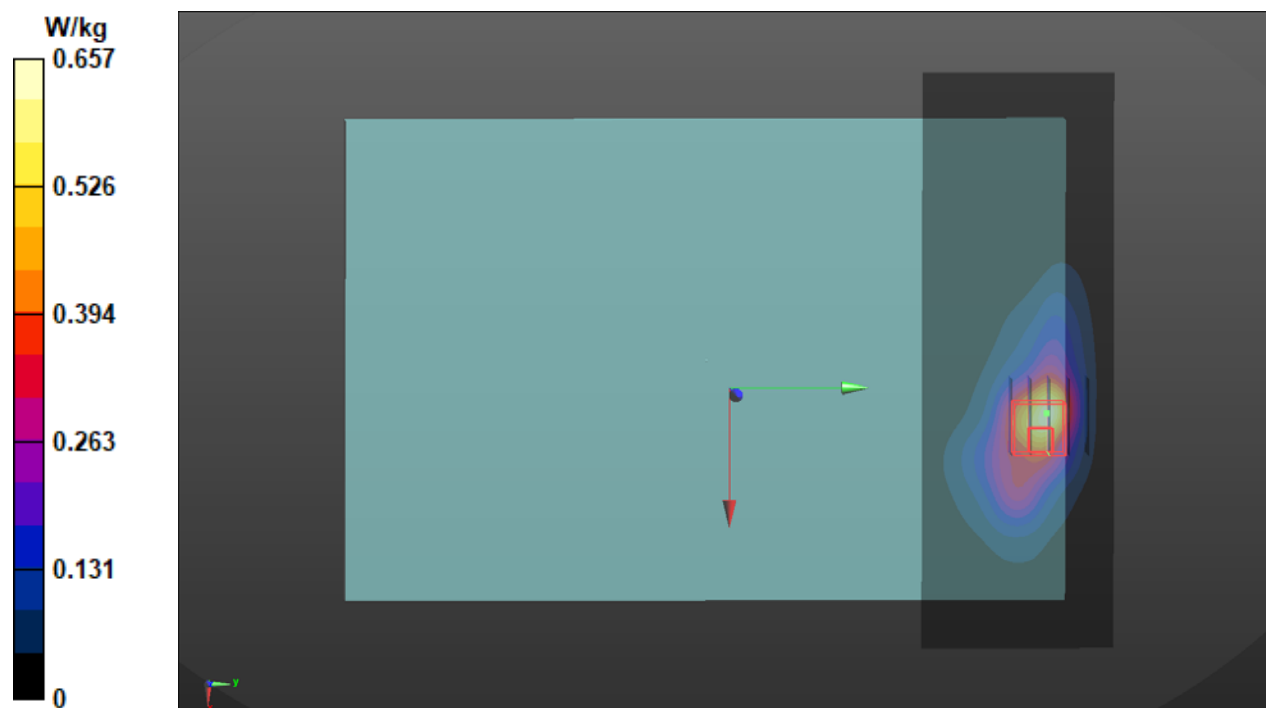
Peak SAR (extrapolated) = 2.06 W/kg

**SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.305 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 32.1%

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



## P10 LTE 41\_QPSK20M\_Rear Face\_0mm\_Ch40185\_1RB\_OS0\_Ant 1\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2549.5 MHz; Duty Cycle: 1:8.33

Medium: H19T27N2\_0808 Medium parameters used:  $f = 2550$  MHz;  $\sigma = 1.98$  S/m;  $\epsilon_r = 39.192$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.21, 7.21, 7.21) @ 2549.5 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom\_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (171x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

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

Reference Value = 23.93 V/m; Power Drift = -0.06 dB

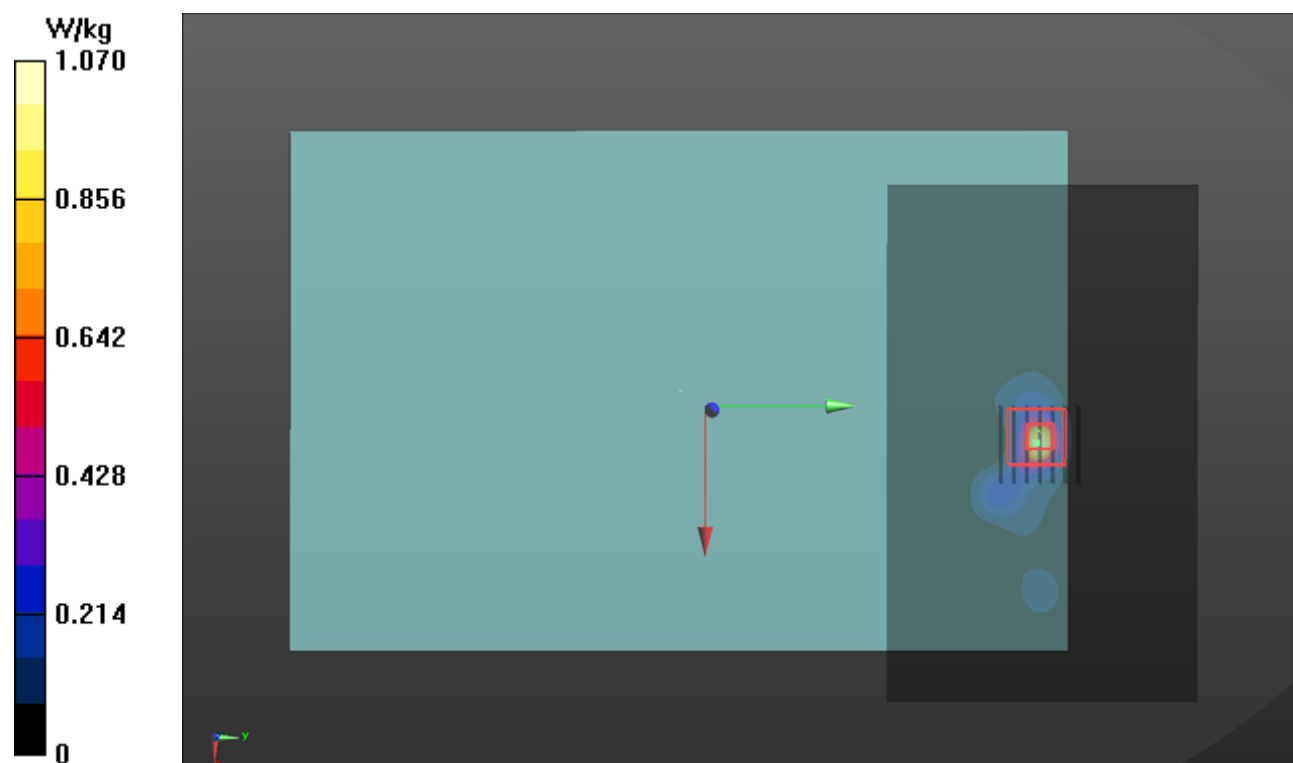
Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.157 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 31.8%

Maximum value of SAR (measured) = 1.06 W/kg



## P11 LTE 66\_QPSK20M\_Rear Face\_0mm\_Ch132072\_1RB\_OS0\_Ant 1\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1720 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1\_0806 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.3$  S/m;  $\epsilon_r = 39.112$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.6, 8.6, 8.6) @ 1720 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (161x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

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

Reference Value = 28.85 V/m; Power Drift = -0.05 dB

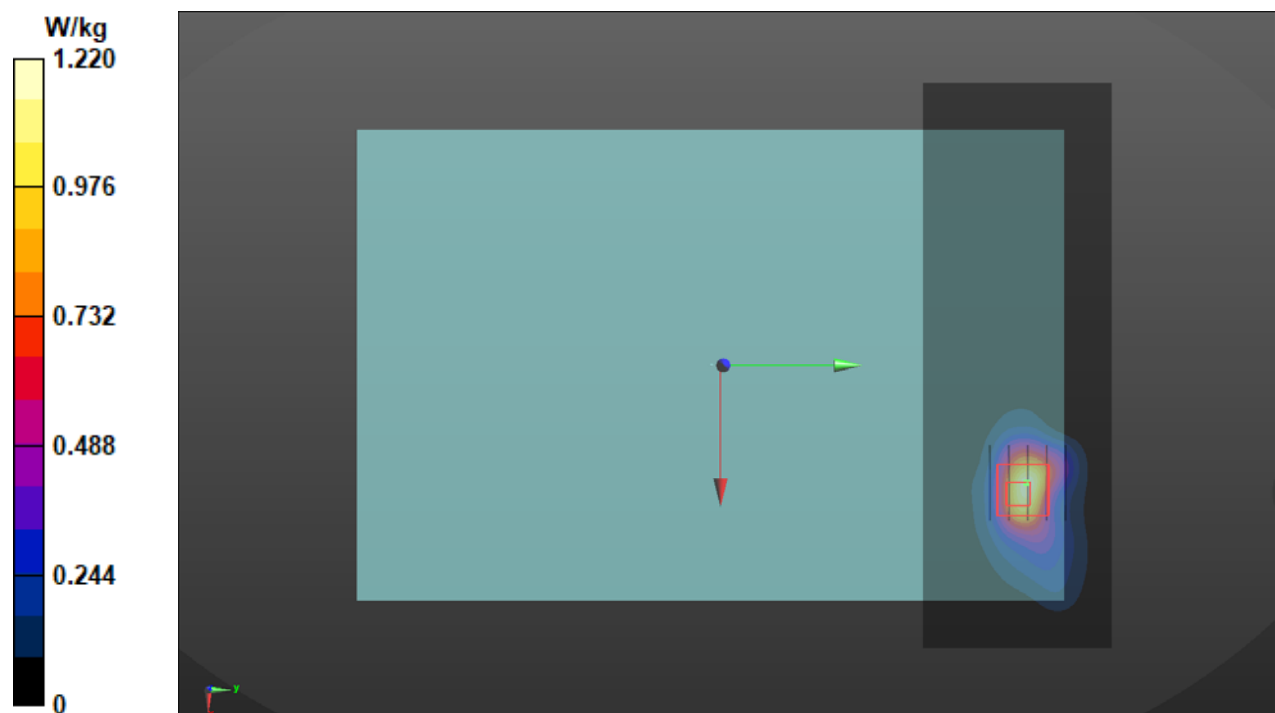
Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.371 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 51.9%

Maximum value of SAR (measured) = 0.950 W/kg



## P12 LTE 71\_QPSK20M\_Rear Face\_0mm\_Ch133222\_1RB\_OS0\_Ant 2\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 673 MHz; Duty Cycle: 1:3.74

Medium: H06T09N3\_0807 Medium parameters used:  $f = 673$  MHz;  $\sigma = 0.875$  S/m;  $\epsilon_r = 42.667$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(9.49, 9.49, 9.49) @ 673 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom\_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.706 W/kg

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

Reference Value = 29.10 V/m; Power Drift = -0.12 dB

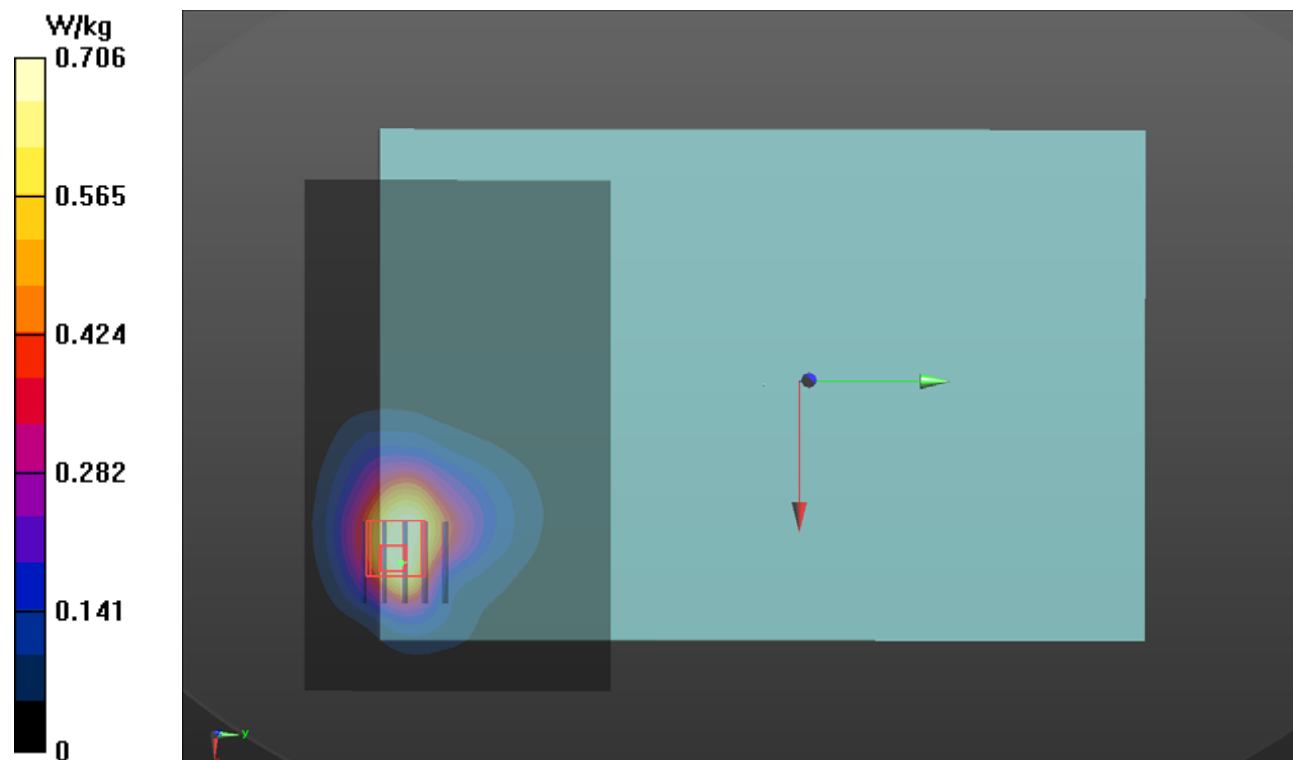
Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.339 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 38.1%

Maximum value of SAR (measured) = 1.17 W/kg



**P13 5GNR-n2\_DFT-s\_15KHz\_QPSK20M\_Rear  
Face\_0mm\_Ch376000\_50RB\_OS0\_Ant1\_DSI 2**

**DUT: AACHI-WTW-P21070078**

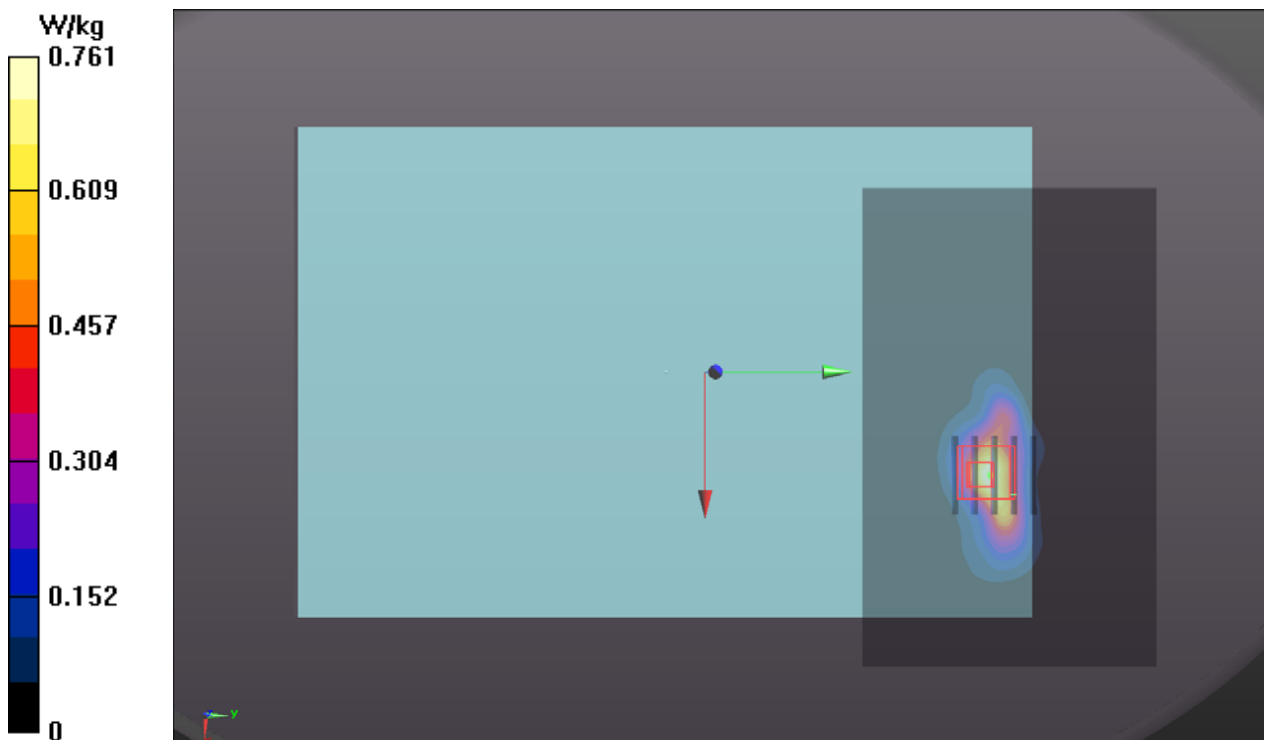
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); **Frequency: 1880 MHz**; Duty Cycle: 1:3.56  
Medium: H16T20N1\_0806 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.456$  S/m;  $\epsilon_r = 39.288$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.43, 8.43, **8.43**) @ 1900 MHz; **Calibrated: 2021/06/03**
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (131x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.761 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 19.20 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.886 W/kg  
**SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.167 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 8.4 mm  
Ratio of SAR at M2 to SAR at M1 = 39.9%  
Maximum value of SAR (measured) = 0.560 W/kg



### P14 5GNR-n5\_DFT-s\_15KHz\_QPSK20M\_Rear Face\_0mm\_Ch167300\_1RB\_OS1\_Ant2\_DSI 2

**DUT: AACHI-WTW-P21070078**

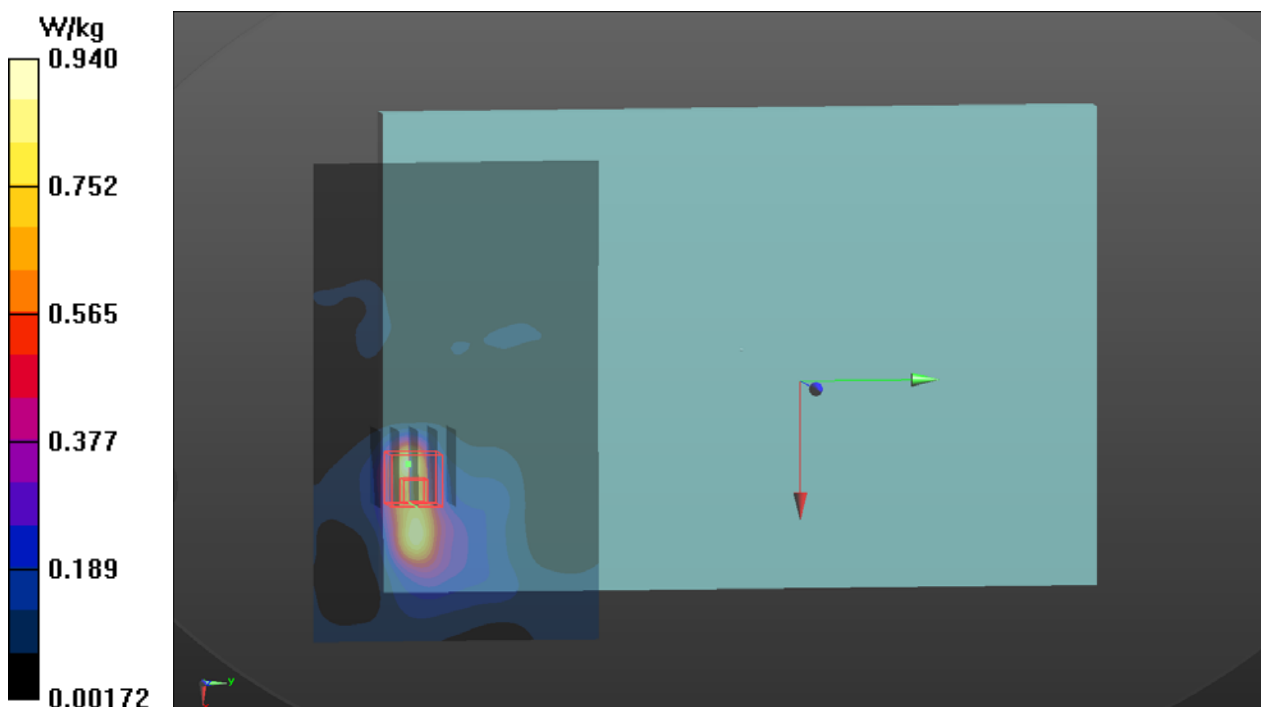
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz; Duty Cycle: 1:3.56  
Medium: H07T10N1\_0727 Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.964$  S/m;  $\epsilon_r = 41.574$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.17, 10.17, 10.17) @ 836.5 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.940 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 29.34 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 1.14 W/kg  
**SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.147 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 8.2 mm  
Ratio of SAR at M2 to SAR at M1 = 33%  
Maximum value of SAR (measured) = 0.707 W/kg



### P15 5GNR-n41\_DFT-s\_30KHz\_QPSK100M\_Rear Face\_0mm\_Ch513900\_1RB\_OS1\_Ant1\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2569.5 MHz; Duty Cycle: 1:3.7

Medium: H19T27N1\_0806 Medium parameters used:  $f = 2570$  MHz;  $\sigma = 1.973$  S/m;  $\epsilon_r = 38.301$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.58, 7.58, 7.58) @ 2569.5 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (161x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.784 W/kg

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

Reference Value = 18.76 V/m; Power Drift = 0.09 dB

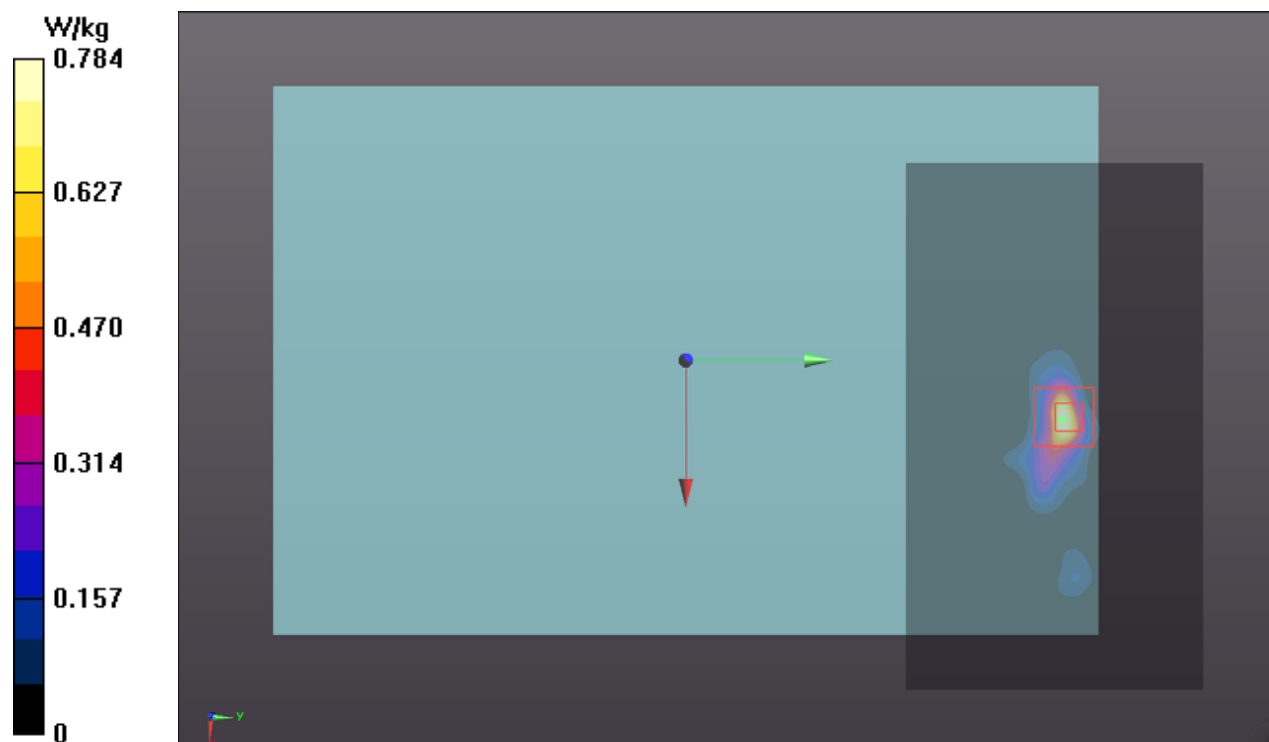
Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.117 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 32.2%

Maximum value of SAR (measured) = 0.663 W/kg





**P16 5GNR-n66\_DFT-s\_15KHz\_QPSK40M\_Rear  
Face\_0mm\_Ch349000\_108RB\_OS0\_Ant1\_DSI 2**

**DUT: AACHI-WTW-P21070078**

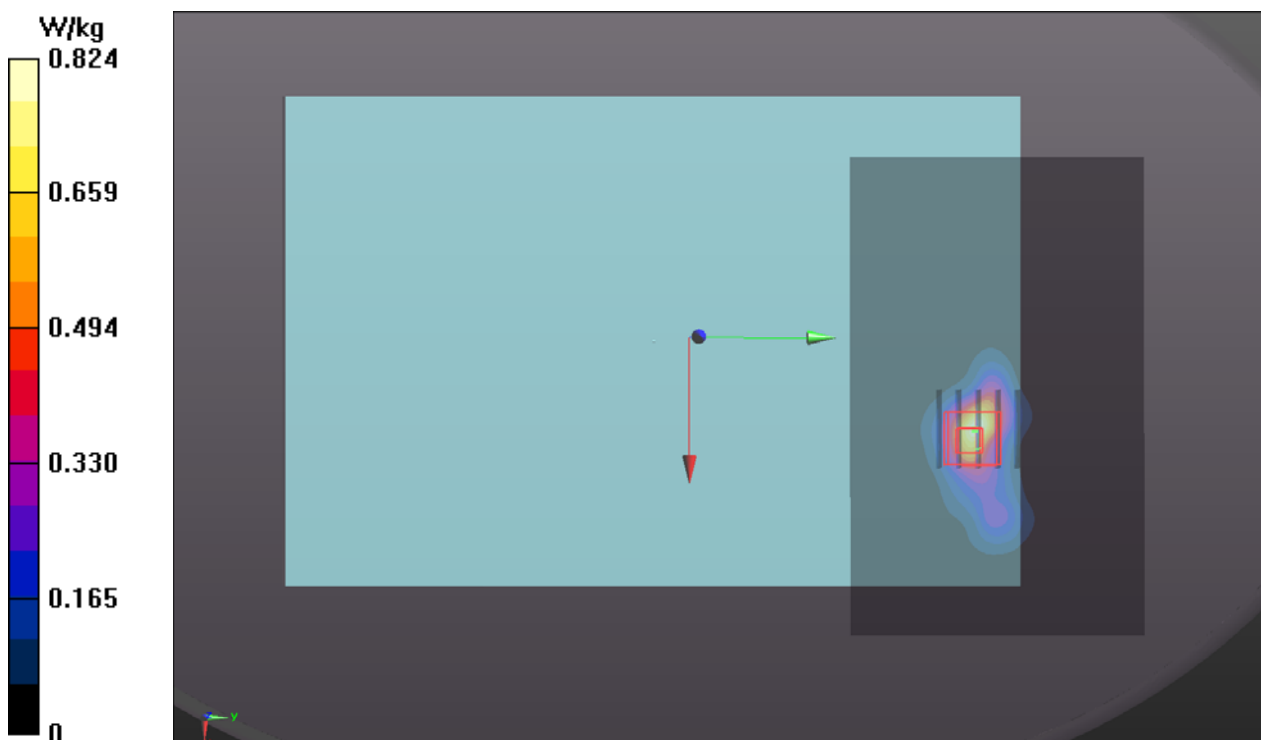
Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); **Frequency: 1745 MHz**; Duty Cycle: 1:3.56  
Medium: H16T20N1\_0806 Medium parameters used:  $f = 1730$  MHz;  $\sigma = 1.31$  S/m;  $\epsilon_r = 39.929$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.77, 8.77, 8.77) @ 1730 MHz; **Calibrated: 2021/06/03**
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (131x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.824 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 19.83 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.806 W/kg  
**SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.195 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 9.6 mm  
Ratio of SAR at M2 to SAR at M1 = 53.4%  
Maximum value of SAR (measured) = 0.565 W/kg



**P17 5GNR-n71\_DFT-s\_15KHz\_QPSK20M\_Rear  
Face\_0mm\_Ch136100\_50RB\_OS0\_Ant2\_DSI 2**

**DUT: AACHI-WTW-P21070078**

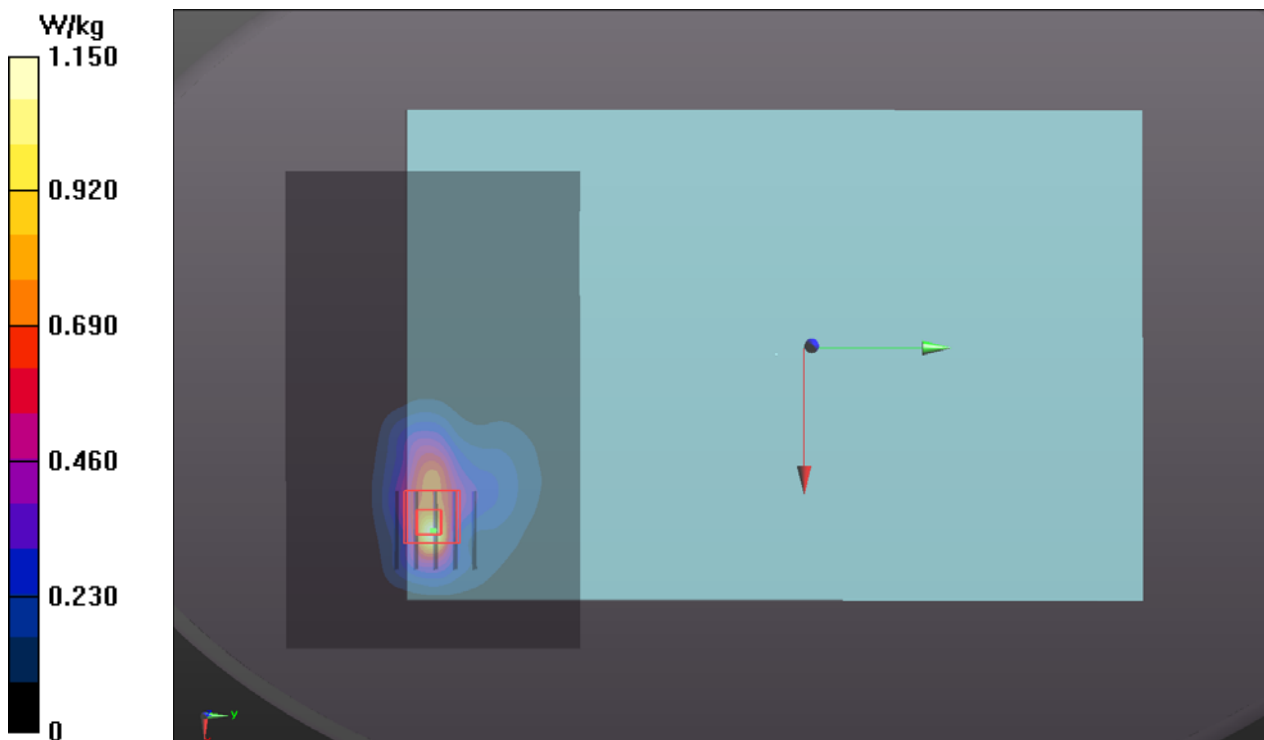
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); **Frequency: 680.5 MHz**; Duty Cycle: 1:3.56  
Medium: H06T09N1\_0806 Medium parameters used:  $f = 688 \text{ MHz}$ ;  $\sigma = 0.841 \text{ S/m}$ ;  $\epsilon_r = 44.422$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.32, 10.32, **10.32**) @ 688 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (131x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 1.15 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 38.18 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 1.54 W/kg  
**SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.253 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 8.8 mm  
Ratio of SAR at M2 to SAR at M1 = 39.7%  
Maximum value of SAR (measured) = 1.07 W/kg



### P18 5GNR-n77\_DFT-s\_30KHz\_QPSK100M\_Rear Face\_0mm\_Ch659000\_1RB\_OS1\_Ant3\_DSI 2

**DUT: AACHI-WTW-P21070078**

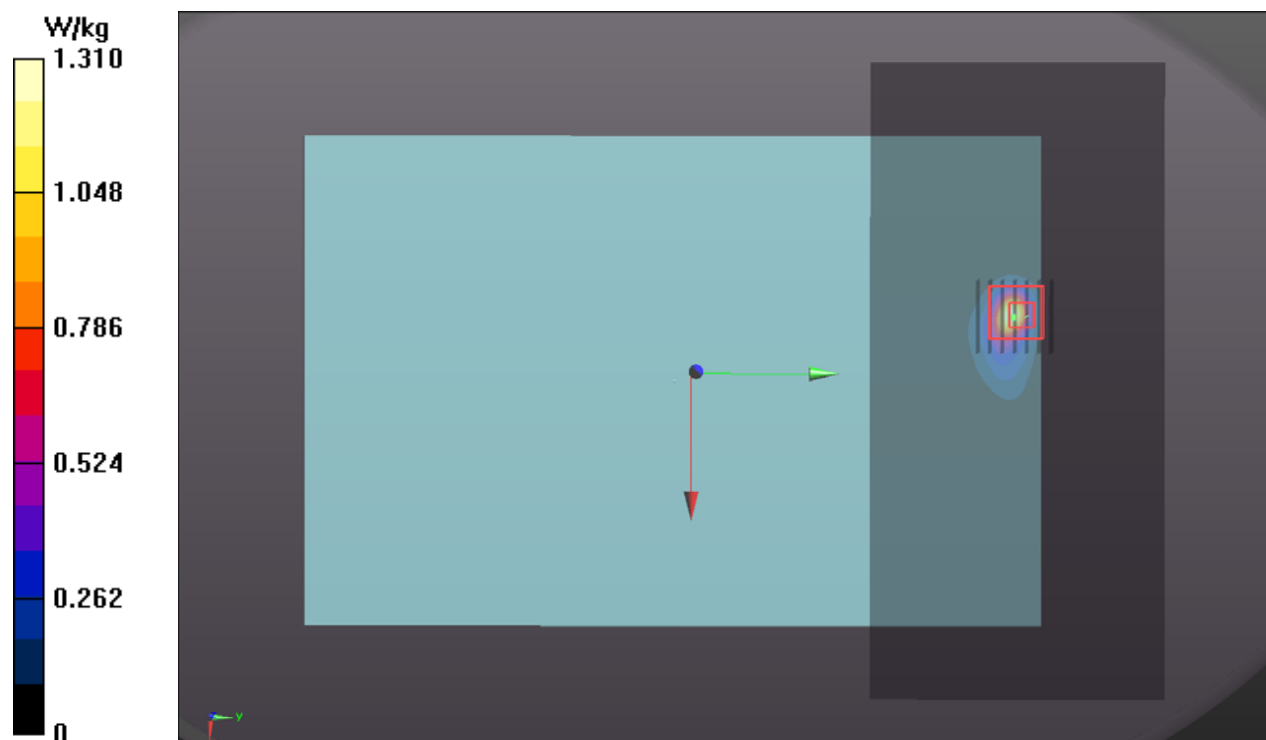
Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3885 MHz; Duty Cycle: 1:3.7  
Medium: H33T42N4\_0809 Medium parameters used (interpolated):  $f = 3885$  MHz;  $\sigma = 3.162$  S/m;  $\epsilon_r = 37.592$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7472; ConvF(6.9, 6.9, 6.9) @ 3885 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (221x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.31 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2.5mm  
Reference Value = 20.40 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 1.64 W/kg  
**SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.139 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 5.4 mm  
Ratio of SAR at M2 to SAR at M1 = 55.1%  
Maximum value of SAR (measured) = 1.10 W/kg



## P19 WLAN2.4G\_802.11b\_Rear Face\_0mm\_Ch12\_Ant1\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);

Frequency: 2467 MHz; Duty Cycle: 1:1.01

Medium: H19T27N1\_0729 Medium parameters used (interpolated):  $f = 2467$  MHz;  $\sigma = 1.894$  S/m;  $\epsilon_r = 39.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.87, 7.87, 7.87) @ 2467 MHz; Calibrated: 2021/01/27

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24

- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x251x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.933 W/kg

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

Reference Value = 20.03 V/m; Power Drift = -0.02 dB

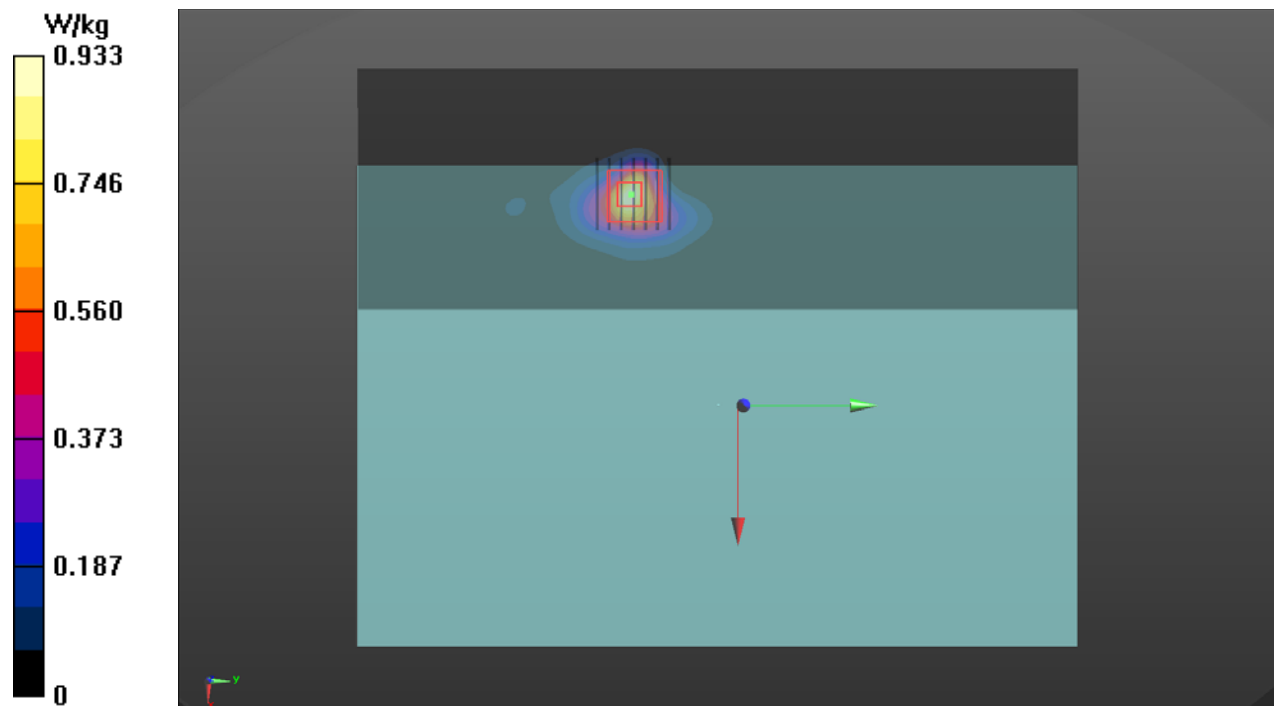
Peak SAR (extrapolated) = 3.84 W/kg

**SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.401 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 36.9%

Maximum value of SAR (measured) = 2.71 W/kg



## P20 WLAN5.3G\_802.11ac VHT160\_Rear Face\_0mm\_Ch50\_Ant1\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.01

Medium: H34T60N1\_0730 Medium parameters used (interpolated):  $f = 5250 \text{ MHz}$ ;  $\sigma = 4.741 \text{ S/m}$ ;  $\epsilon_r = 36.971$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(5.2, 5.2, 5.2) @ 5250 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x301x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 3.08 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 28.48 V/m; Power Drift = -0.04 dB

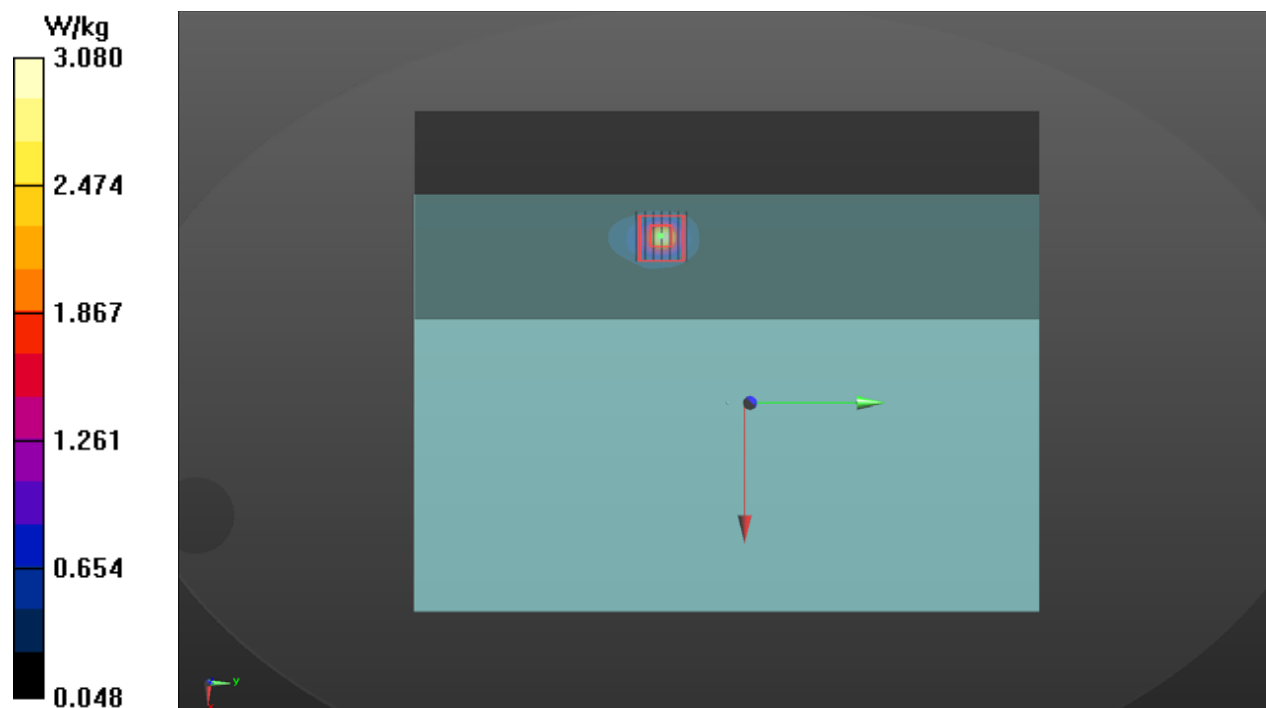
Peak SAR (extrapolated) = 5.35 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.356 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 65.1%

Maximum value of SAR (measured) = 3.32 W/kg



## P21 WLAN5.6G\_802.11ac VHT160\_Rear Face\_0mm\_Ch114\_Ant2\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.01

Medium: H34T60N1\_0730 Medium parameters used (interpolated):  $f = 5570$  MHz;  $\sigma = 5.063$  S/m;  $\epsilon_r = 36.536$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.9, 4.9, 4.9) @ 5570 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x241x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.23 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.32 V/m; Power Drift = -0.02 dB

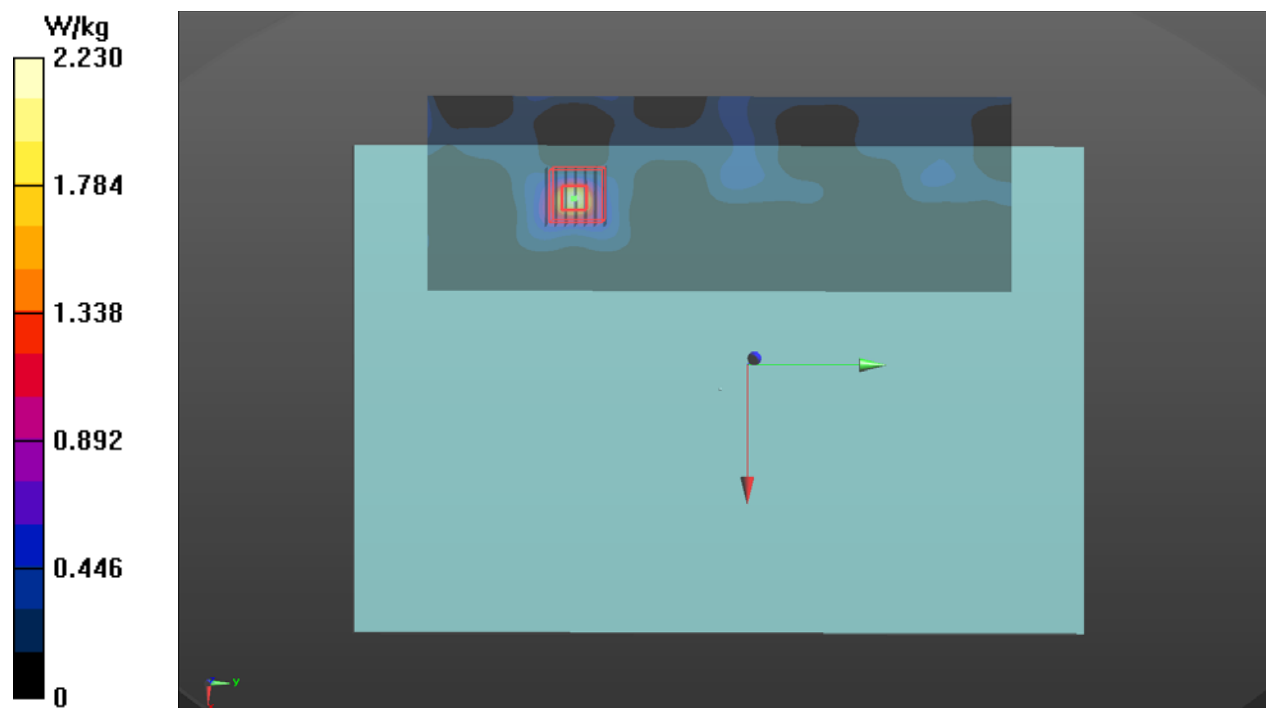
Peak SAR (extrapolated) = 3.99 W/kg

**SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.293 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 64.7%

Maximum value of SAR (measured) = 2.33 W/kg



## P22 WLAN5.8G\_802.11ac VHT80\_Rear Face\_0mm\_Ch155\_Ant2\_DSI 2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.01

Medium: H34T60N1\_0730 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.281$  S/m;  $\epsilon_r = 36.253$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.95, 4.95, 4.95) @ 5775 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x241x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.89 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.21 V/m; Power Drift = -0.02 dB

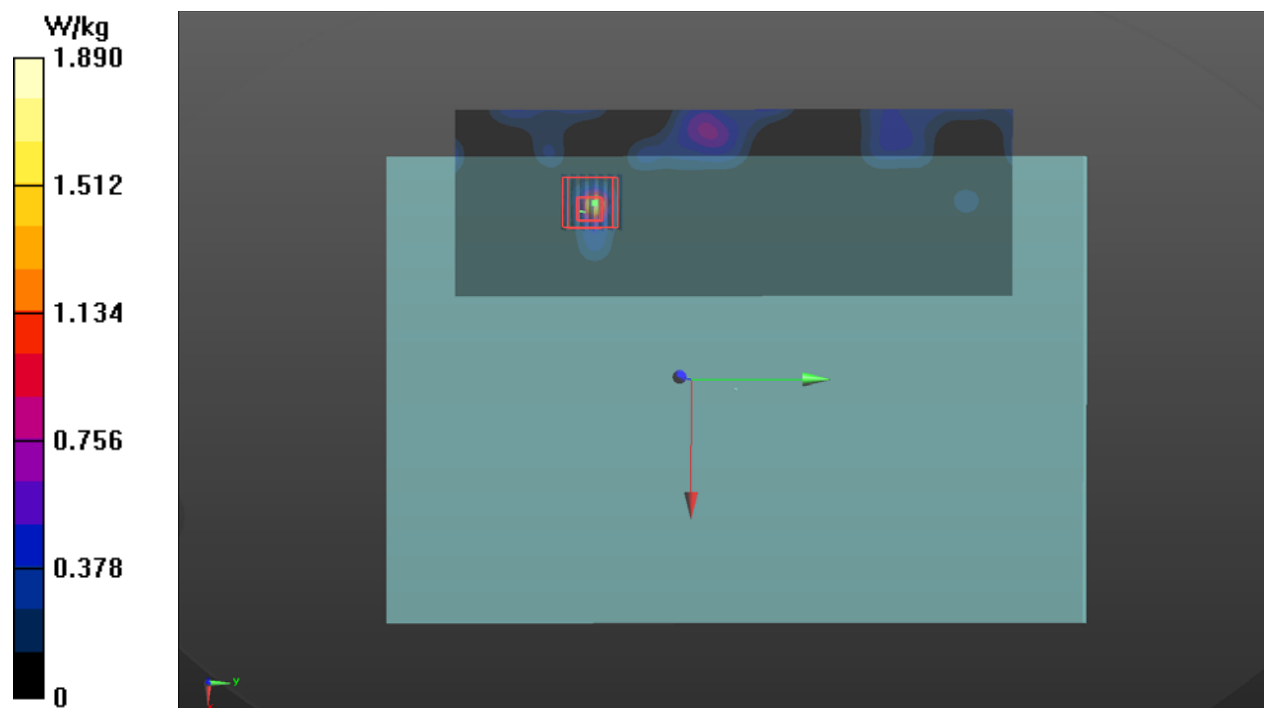
Peak SAR (extrapolated) = 4.72 W/kg

**SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.329 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 61.7%

Maximum value of SAR (measured) = 2.30 W/kg



## P23 BT\_BDR\_Rear Face\_0mm\_Ch0\_Ant2

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2402 MHz; Duty Cycle: 1:1.3

Medium: H19T27N1\_0710 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.818$  S/m;  $\epsilon_r = 39.118$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.61, 7.61, 7.61) @ 2402 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x241x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.312 W/kg

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

Reference Value = 15.73 V/m; Power Drift = 0.06 dB

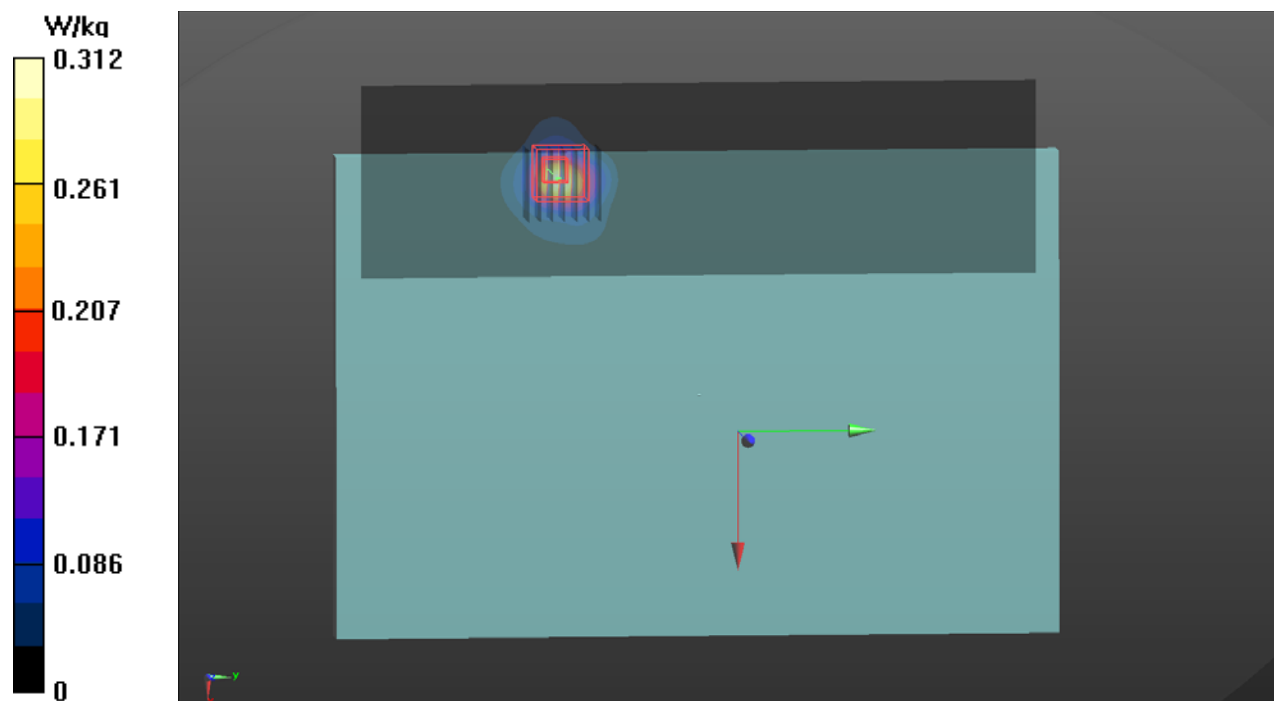
Peak SAR (extrapolated) = 0.874 W/kg

**SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.086 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 38.7%

Maximum value of SAR (measured) = 0.602 W/kg





## P24 WCDMA II\_RMC12.2K\_Bottom\_0mm\_Ch9538\_Ant 1\_DSI 1

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N3\_0807 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.468$  S/m;  $\epsilon_r = 39.937$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.98, 7.98, 7.98) @ 1907.6 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom\_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (131x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.546 W/kg

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

Reference Value = 17.38 V/m; Power Drift = 0.02 dB

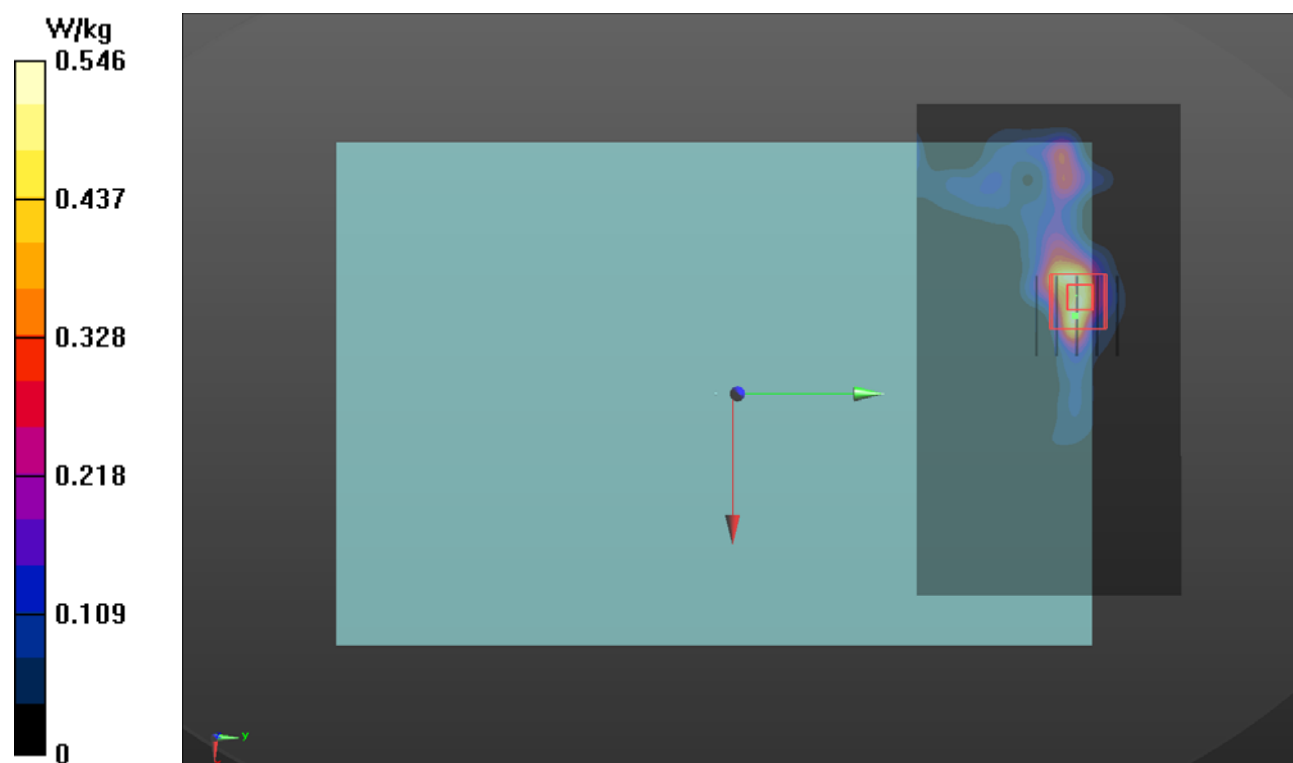
Peak SAR (extrapolated) = 0.715 W/kg

**SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.133 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 41.5%

Maximum value of SAR (measured) = 0.543 W/kg



## P25 WCDMA IV\_RMC12.2K\_Bottom\_0mm\_Ch1413\_Ant 1\_DSI 1

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1732.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N3\_0807 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.315$  S/m;  $\epsilon_r = 41.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(8.24, 8.24, 8.24) @ 1732.6 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom\_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (131x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.584 W/kg

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

Reference Value = 20.67 V/m; Power Drift = 0.16 dB

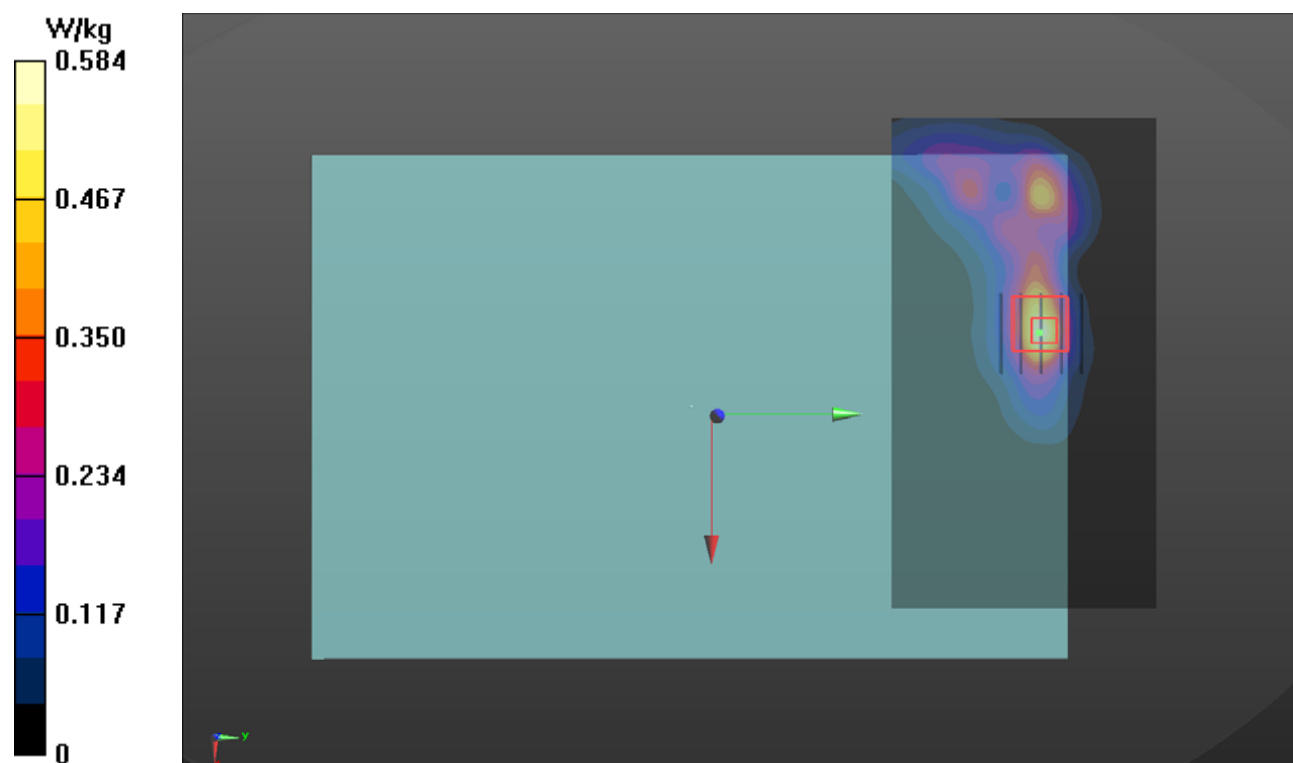
Peak SAR (extrapolated) = 0.766 W/kg

**SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.163 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 44.9%

Maximum value of SAR (measured) = 0.584 W/kg



## P26 WCDMA V\_RMC12.2K\_Bottom\_0mm\_Ch4132\_Ant 2\_DSI 1

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:1.95

Medium: H07T10N1\_0720 Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.91$  S/m;

$\epsilon_r = 41.656$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.05, 10.05, 10.05) @ 826.4 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.639 W/kg

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

Reference Value = 26.73 V/m; Power Drift = 0.01 dB

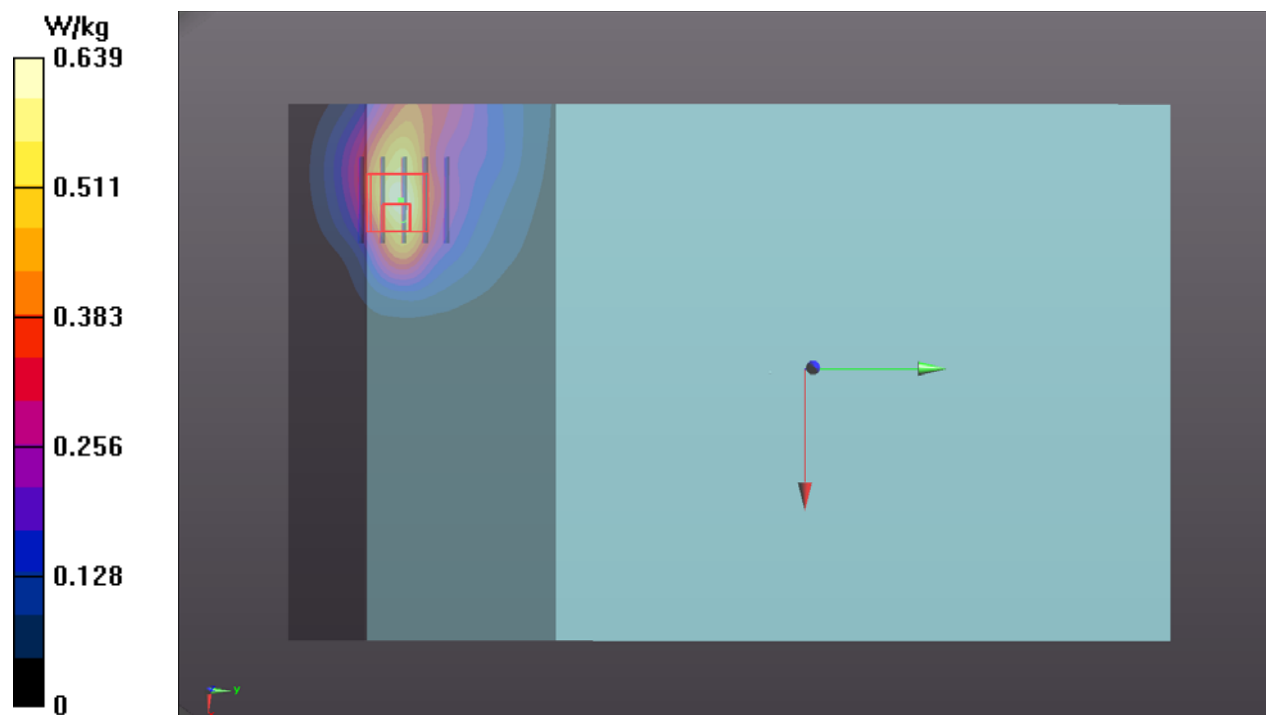
Peak SAR (extrapolated) = 0.796 W/kg

**SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.225 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 0.614 W/kg



### P27 LTE 5\_QPSK10M\_Bottom\_0mm\_Ch20525\_1RB\_OS0\_Ant 2\_DSI 1

**DUT: AACHI-WTW-P21070078**

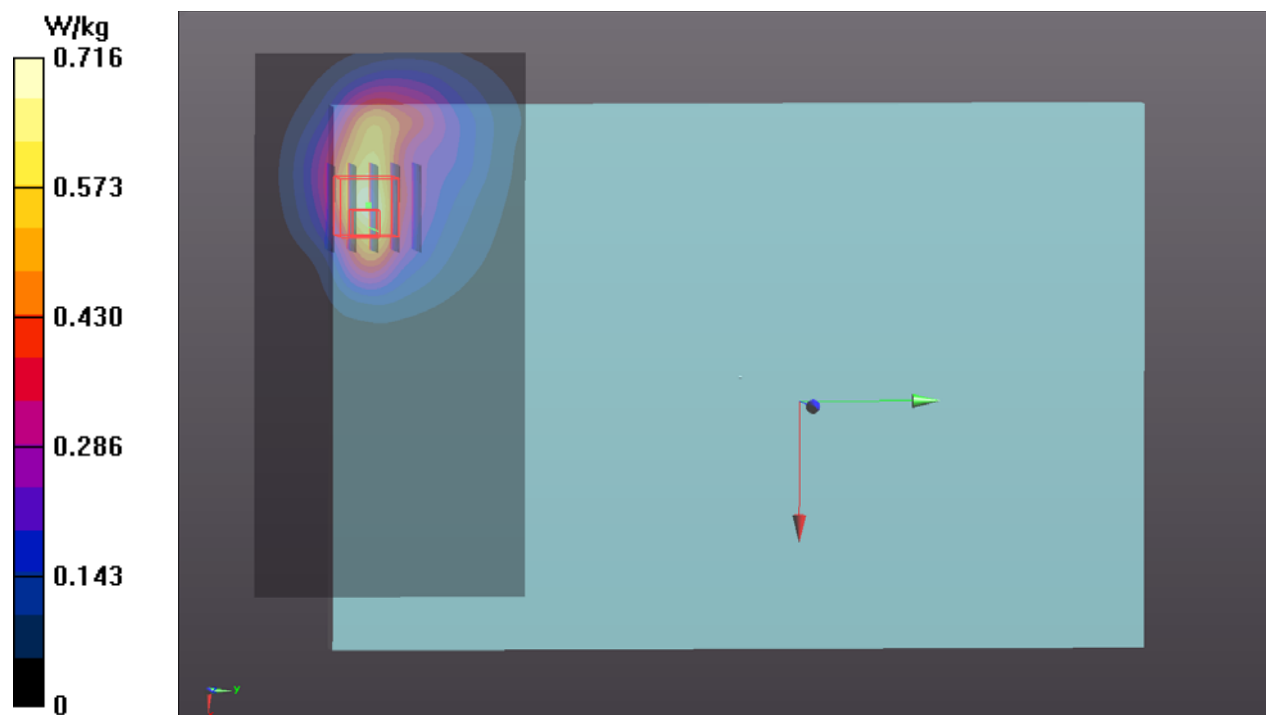
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 836.5 MHz; Duty Cycle: 1:3.74  
Medium: H07T10N1\_0720 Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.919$  S/m;  
 $\epsilon_r = 41.527$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7472; ConvF(10.05, 10.05, 10.05) @ 836.5 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.716 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 28.05 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 0.886 W/kg  
**SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.247 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 11.3 mm  
Ratio of SAR at M2 to SAR at M1 = 49%  
Maximum value of SAR (measured) = 0.680 W/kg



### P28 LTE 7\_QPSK20M\_Bottom\_0mm\_Ch20850\_1RB\_OS0\_Ant 1\_DSI 1

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 2510 MHz; Duty Cycle: 1:3.74

Medium: H19T27N3\_0807 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.932$  S/m;  $\epsilon_r = 38.877$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.21, 7.21, 7.21) @ 2510 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom\_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (171x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.482 W/kg

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

Reference Value = 15.31 V/m; Power Drift = 0.07 dB

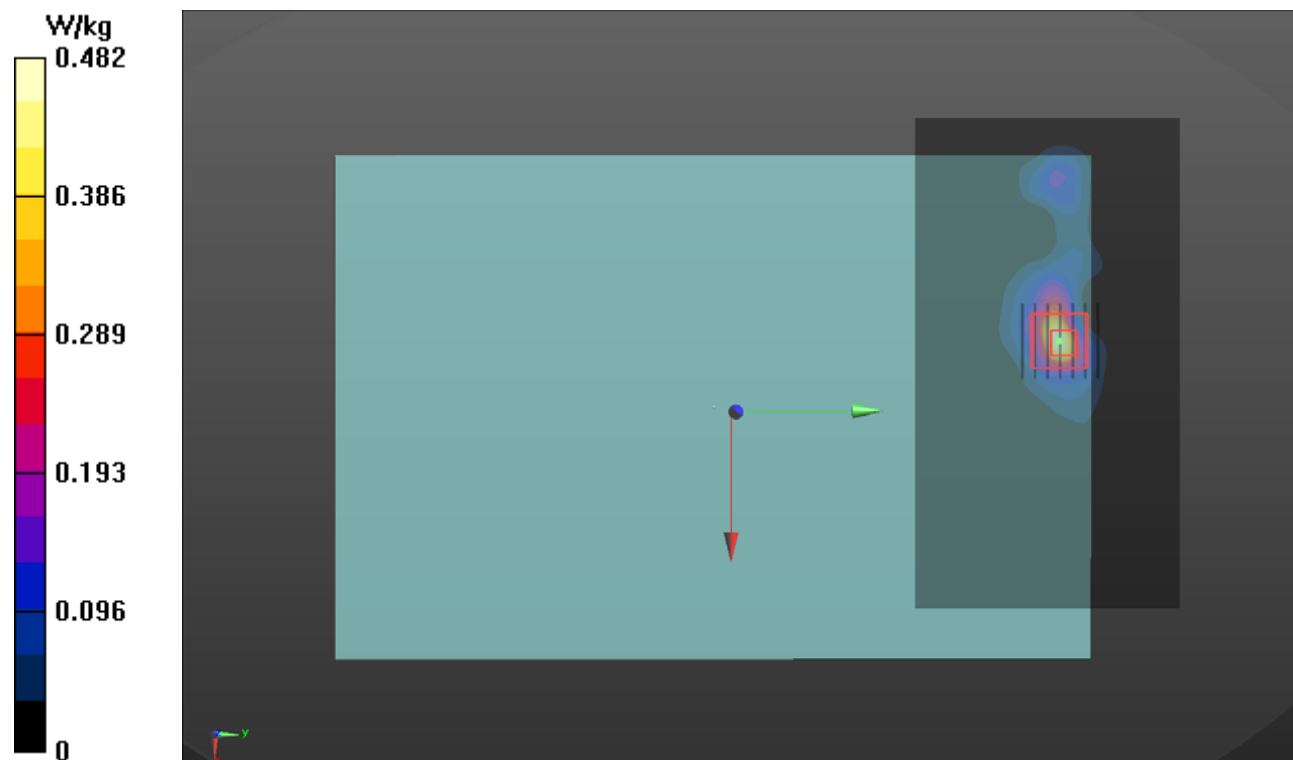
Peak SAR (extrapolated) = 0.533 W/kg

**SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.092 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 45.6%

Maximum value of SAR (measured) = 0.388 W/kg



## P29 LTE 12\_QPSK10M\_Bottom\_0mm\_Ch23095\_1RB\_OS0\_Ant 2\_DSI 1

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 707.5 MHz; Duty Cycle: 1:3.74  
Medium: H06T09N1\_0720 Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.859$  S/m;  
 $\epsilon_r = 44.169$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.32, 10.32, 10.32) @ 707.5 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.638 W/kg

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

Reference Value = 27.63 V/m; Power Drift = 0.15 dB

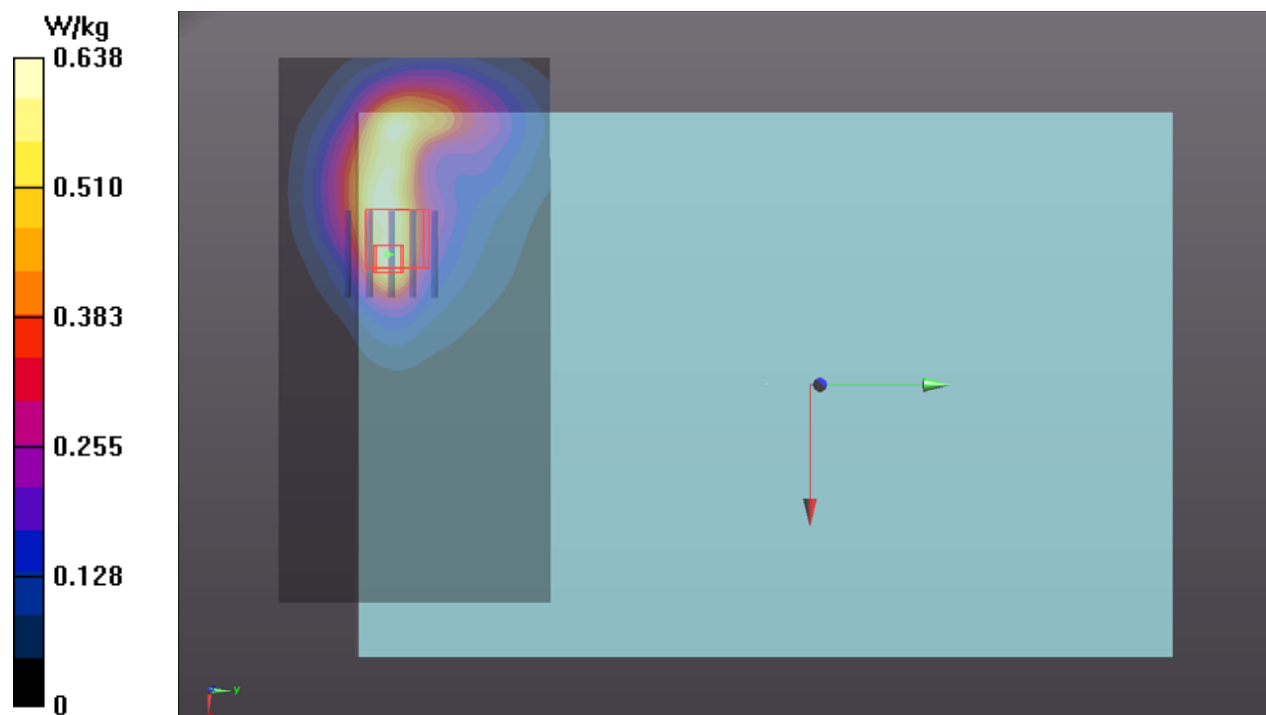
Peak SAR (extrapolated) = 0.874 W/kg

**SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.214 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 47.5%

Maximum value of SAR (measured) = 0.665 W/kg



### P30 LTE 13\_QPSK10M\_Bottom\_0mm\_Ch23230\_1RB\_OS0\_Ant 2\_DSI 1

**DUT: AACHI-WTW-P21070078**

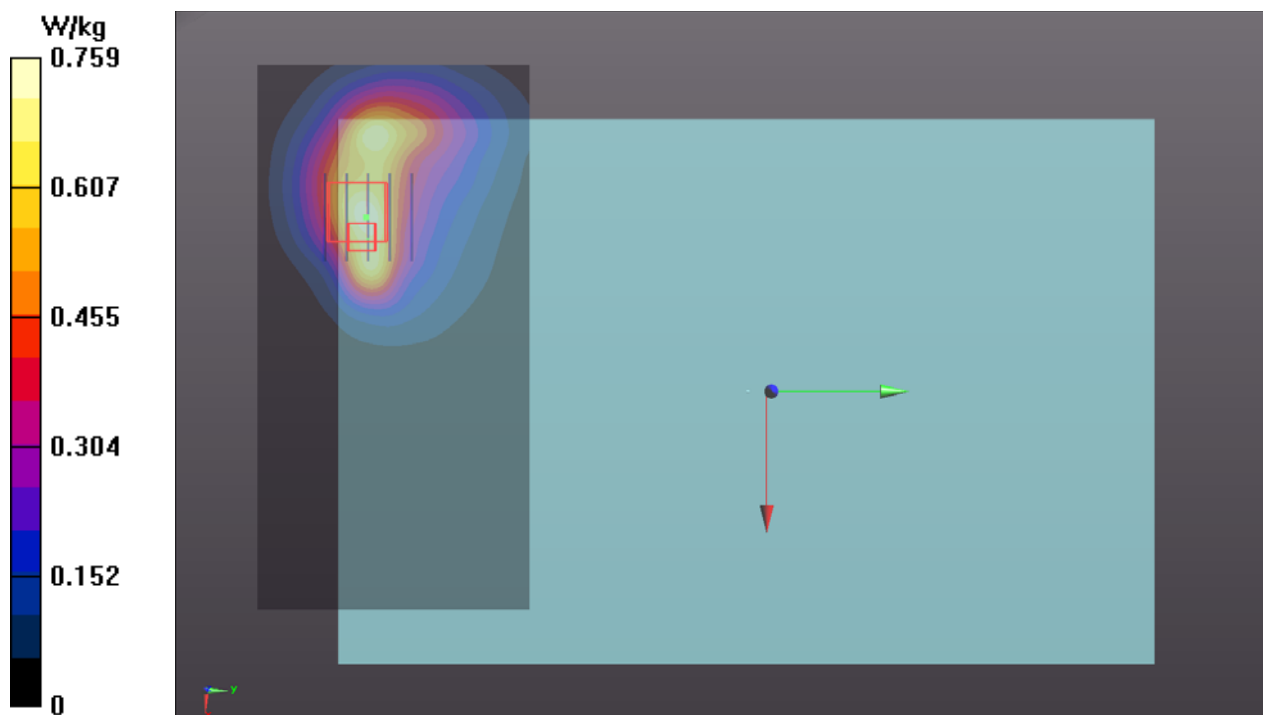
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
 Frequency: 782 MHz; Duty Cycle: 1:3.74  
 Medium: H06T09N1\_0720 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.929 \text{ S/m}$ ;  $\epsilon_r = 43.178$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $23.1 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7472; ConvF(10.32, 10.32, 10.32) @ 782 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.759 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $29.56 \text{ V/m}$ ; Power Drift =  $-0.09 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.04 \text{ W/kg}$   
**SAR(1 g) =  $0.499 \text{ W/kg}$ ; SAR(10 g) =  $0.295 \text{ W/kg}$**  (SAR corrected for target medium)  
 Smallest distance from peaks to all points 3 dB below =  $10.7 \text{ mm}$   
 Ratio of SAR at M2 to SAR at M1 =  $49.6\%$   
 Maximum value of SAR (measured) =  $0.806 \text{ W/kg}$



### P31 LTE 14\_QPSK10M\_Bottom\_0mm\_Ch23330\_1RB\_OS0\_Ant 2\_DSI 1

**DUT: AACHI-WTW-P21070078**

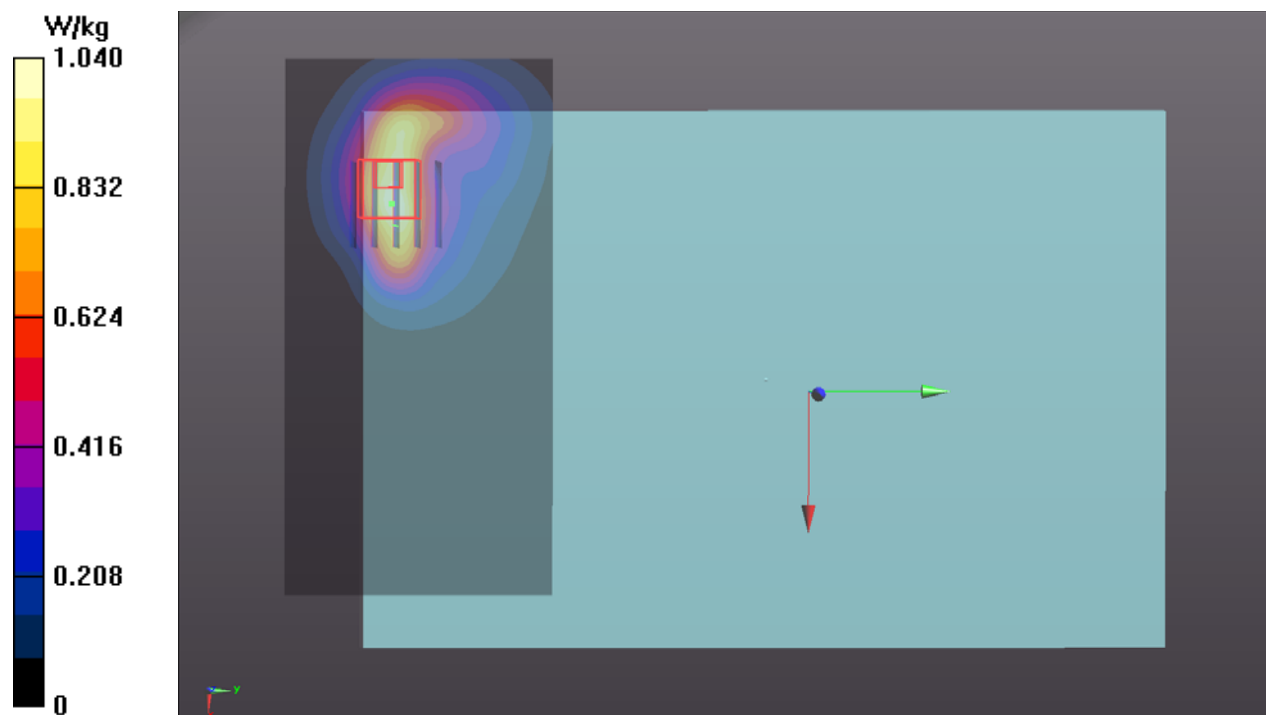
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 793 MHz; Duty Cycle: 1:3.74  
Medium: H06T09N1\_0720 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 43.046$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7472; ConvF(10.32, 10.32, 10.32) @ 793 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.04 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 33.16 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 1.26 W/kg  
**SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.371 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 11.2 mm  
Ratio of SAR at M2 to SAR at M1 = 49.1%  
Maximum value of SAR (measured) = 0.984 W/kg





### P32 LTE 25\_QPSK20M\_Bottom\_0mm\_Ch26365\_1RB\_OS0\_Ant 1\_DSI 1

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1882.5 MHz; Duty Cycle: 1:3.74

Medium: H16T20N3\_0807 Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.439$  S/m;

$\epsilon_r = 41.029$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.98, 7.98, 7.98) @ 1882.5 MHz; Calibrated: 2020/10/22

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn861; Calibrated: 2021/04/14

- Phantom: ELI Phantom\_1043; Type: QD OVA 002 Ax;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (131x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.709 W/kg

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

Reference Value = 21.73 V/m; Power Drift = -0.18 dB

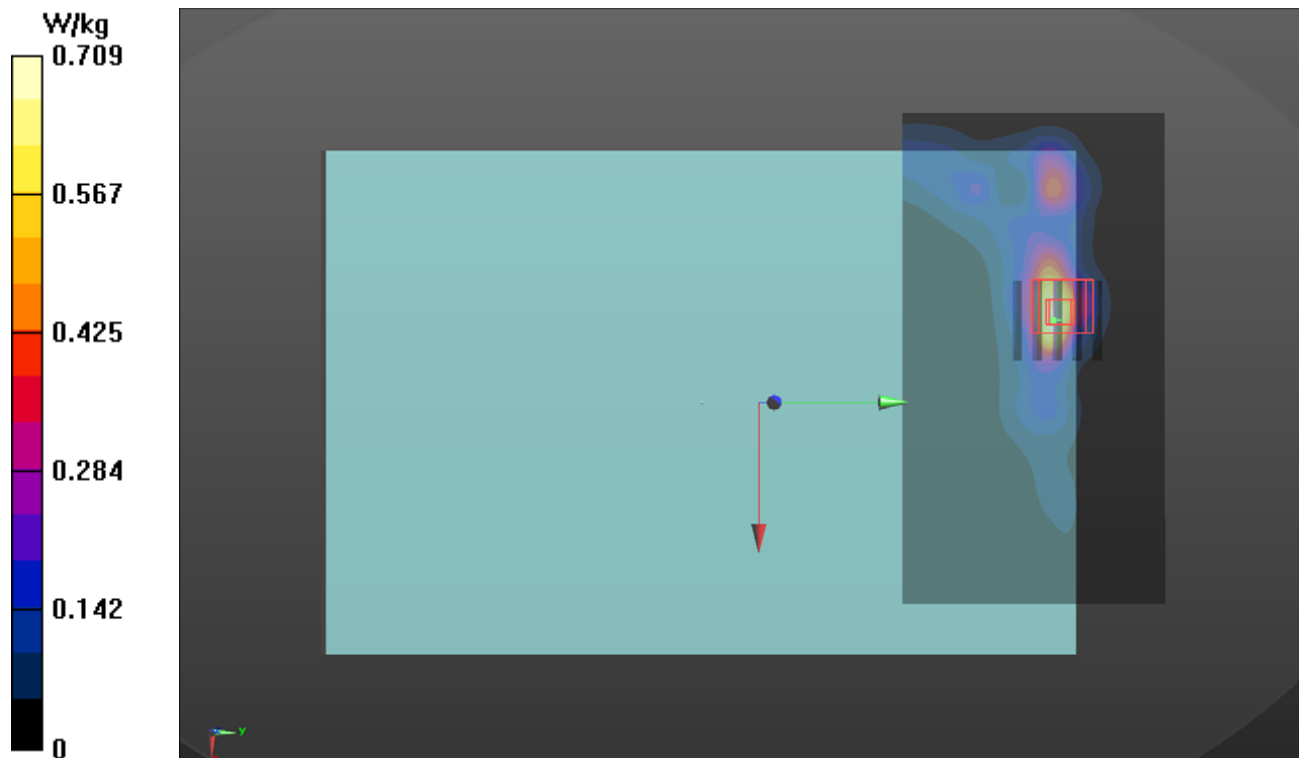
Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.201 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 38.2%

Maximum value of SAR (measured) = 0.782 W/kg



### P33 LTE 41\_QPSK20M\_Bottom\_0mm\_Ch39750\_1RB\_OS0\_Ant 1\_DSI 1

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 2506 MHz; Duty Cycle: 1:8.33

Medium: H19T27N3\_0807 Medium parameters used (interpolated):  $f = 2506$  MHz;  $\sigma = 1.931$  S/m;  
 $\epsilon_r = 38.899$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.21, 7.21, 7.21) @ 2506 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom\_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (171x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.452 W/kg

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

Reference Value = 14.28 V/m; Power Drift = 0.09 dB

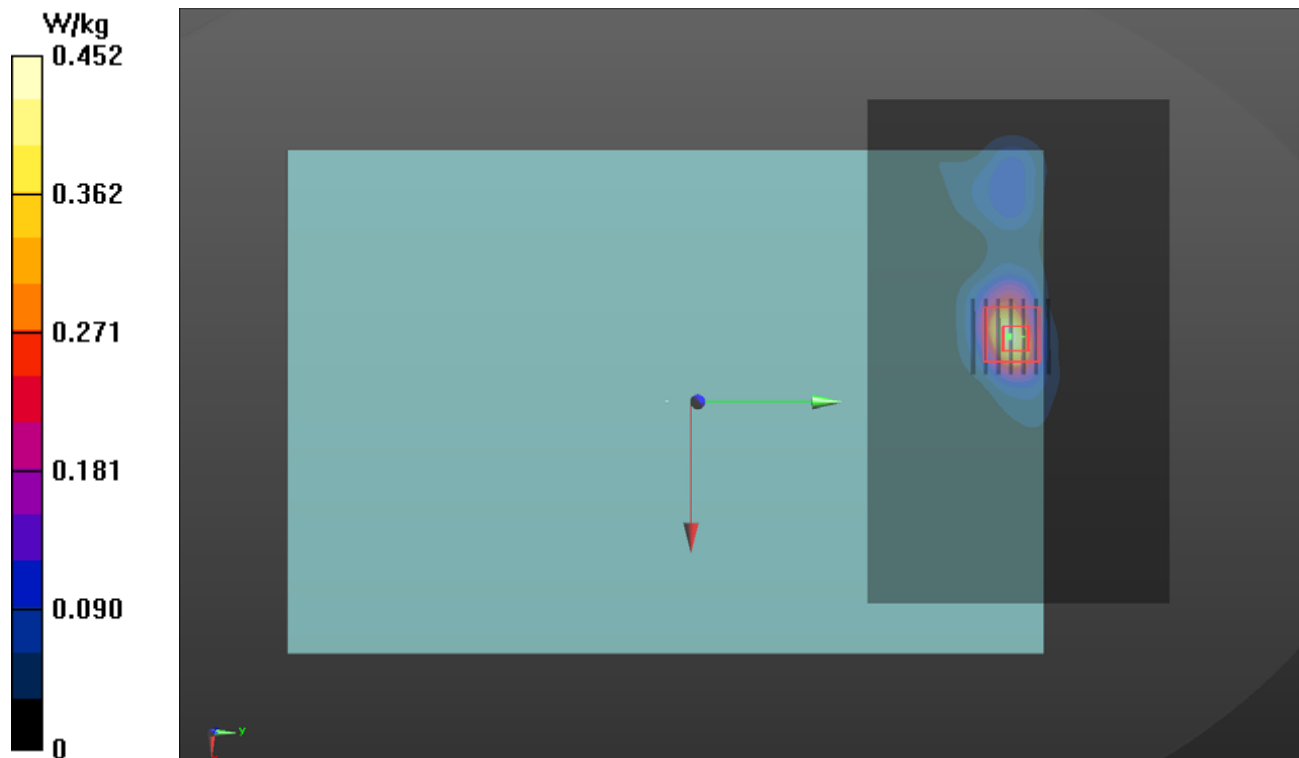
Peak SAR (extrapolated) = 0.583 W/kg

**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.102 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 44.6%

Maximum value of SAR (measured) = 0.440 W/kg



### P34 LTE 66\_QPSK20M\_Bottom\_0mm\_Ch132072\_1RB\_OS0\_Ant 1\_DSI 1

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 1720 MHz; Duty Cycle: 1:3.74

Medium: H16T20N3\_0807 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.3$  S/m;  $\epsilon_r = 41.628$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(8.24, 8.24, 8.24) @ 1720 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom\_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.422 W/kg

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

Reference Value = 18.27 V/m; Power Drift = -0.03 dB

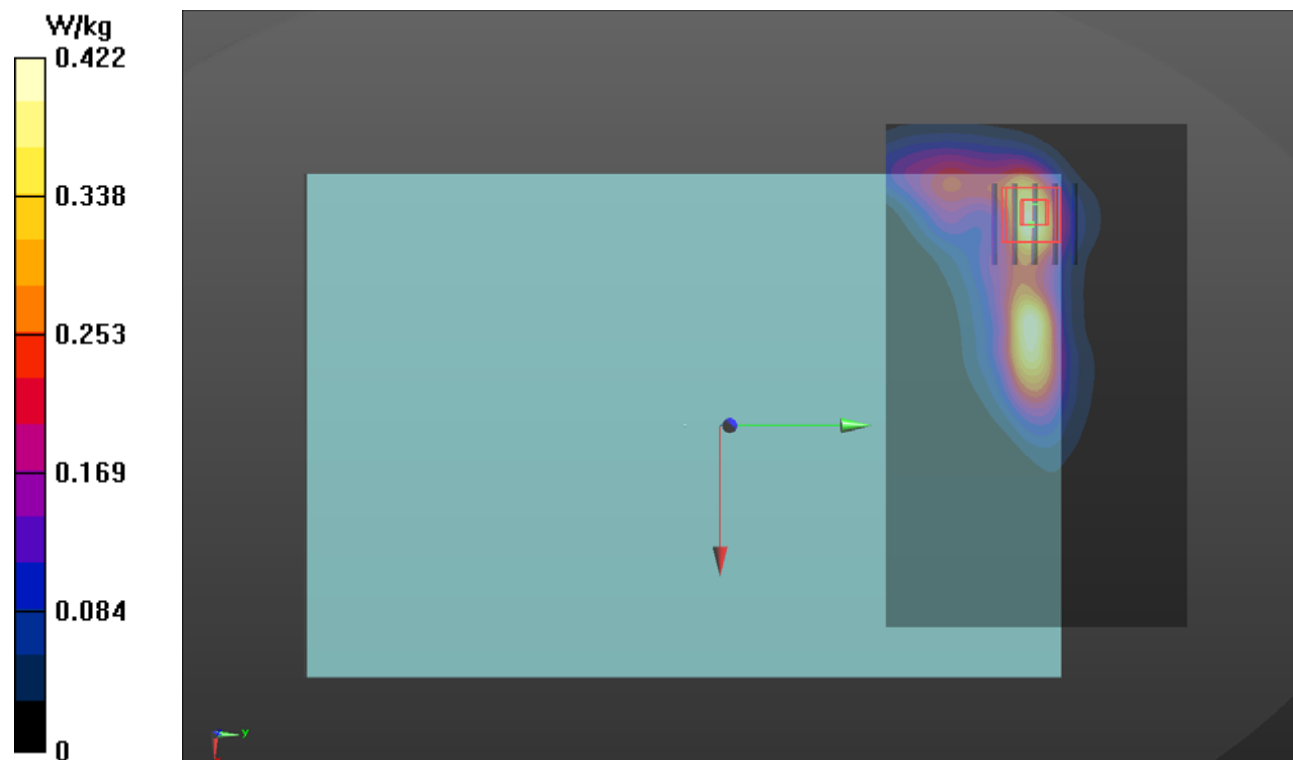
Peak SAR (extrapolated) = 0.487 W/kg

**SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.152 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 53.1%

Maximum value of SAR (measured) = 0.395 W/kg



**P35 LTE 71\_QPSK20M\_Bottom\_0mm\_Ch133297\_1RB\_OS0\_Ant 2\_DSI 1**

**DUT: AACHI-WTW-P21070078**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 680.5 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1\_0720 Medium parameters used (interpolated):  $f = 680.5 \text{ MHz}$ ;  $\sigma = 0.834 \text{ S/m}$ ;

$\epsilon_r = 44.527$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $23.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.32, 10.32, 10.32) @ 680.5 MHz; Calibrated: 2021/06/03

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2021/06/02

- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.557 \text{ W/kg}$

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

Reference Value =  $26.86 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$

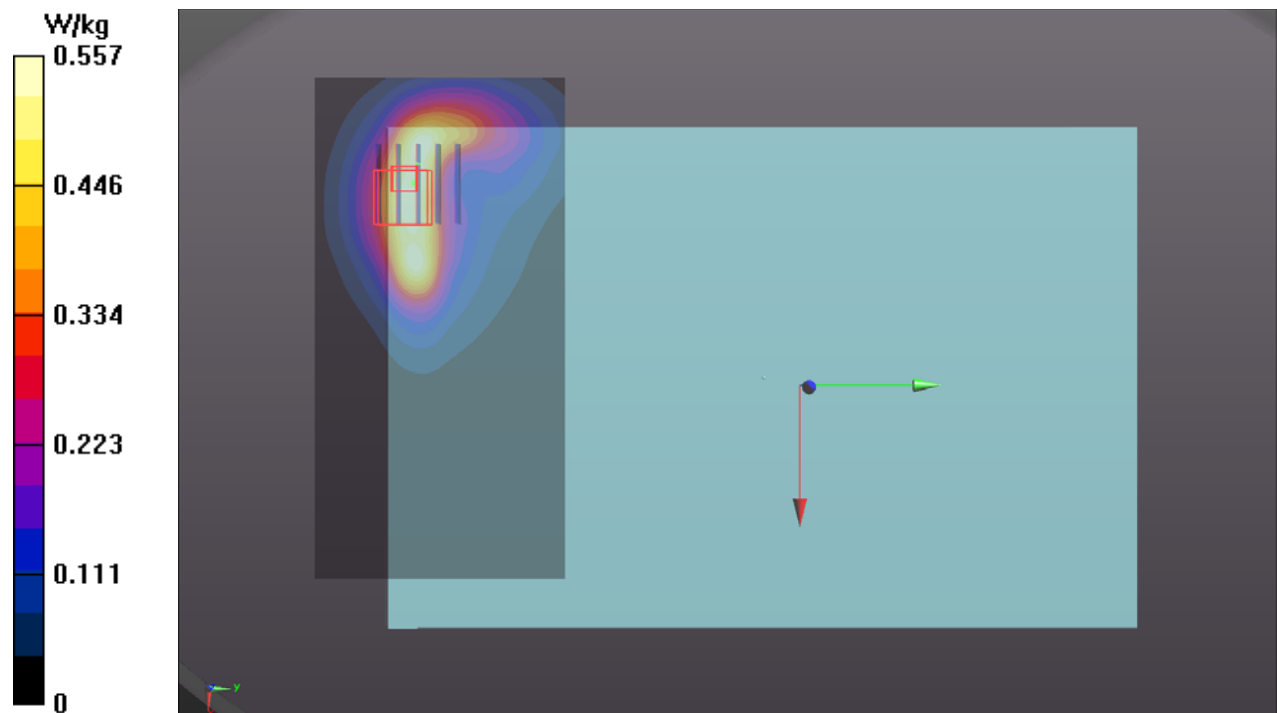
Peak SAR (extrapolated) =  $0.730 \text{ W/kg}$

**SAR(1 g) =  $0.427 \text{ W/kg}$ ; SAR(10 g) =  $0.243 \text{ W/kg}$**  (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below =  $8.6 \text{ mm}$

Ratio of SAR at M2 to SAR at M1 =  $51.8\%$

Maximum value of SAR (measured) =  $0.593 \text{ W/kg}$



### P36 5G NR- n2\_DFT-s\_15KHz\_QPSK20M\_Bottom\_0mm\_Ch380000\_1RB\_OS1\_Ant1\_DSI 1

**DUT: AACHI-WTW-P21070078**

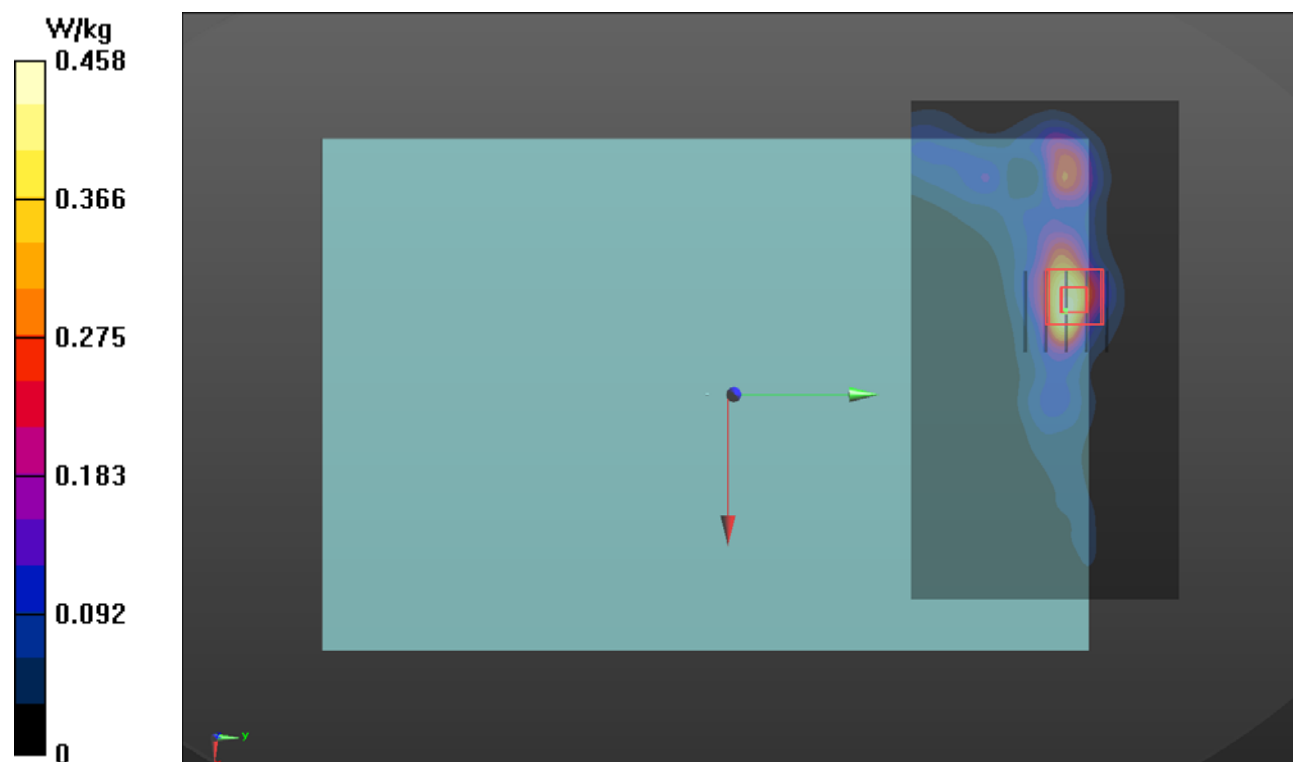
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1900 MHz; Duty Cycle: 1:3.56  
Medium: H16T20N3\_0807 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.459$  S/m;  $\epsilon_r = 39.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.98, 7.98, 7.98) @ 1900 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom\_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (131x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.458 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 17.53 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 0.708 W/kg  
**SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.133 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 9 mm  
Ratio of SAR at M2 to SAR at M1 = 38%  
Maximum value of SAR (measured) = 0.512 W/kg



**P37 5GNR-  
n5\_DFT-s\_15KHz\_QPSK20M\_Bottom\_0mm\_Ch167300\_1RB\_OS1\_Ant2\_DSI 1**

**DUT: AACHI-WTW-P21070078**

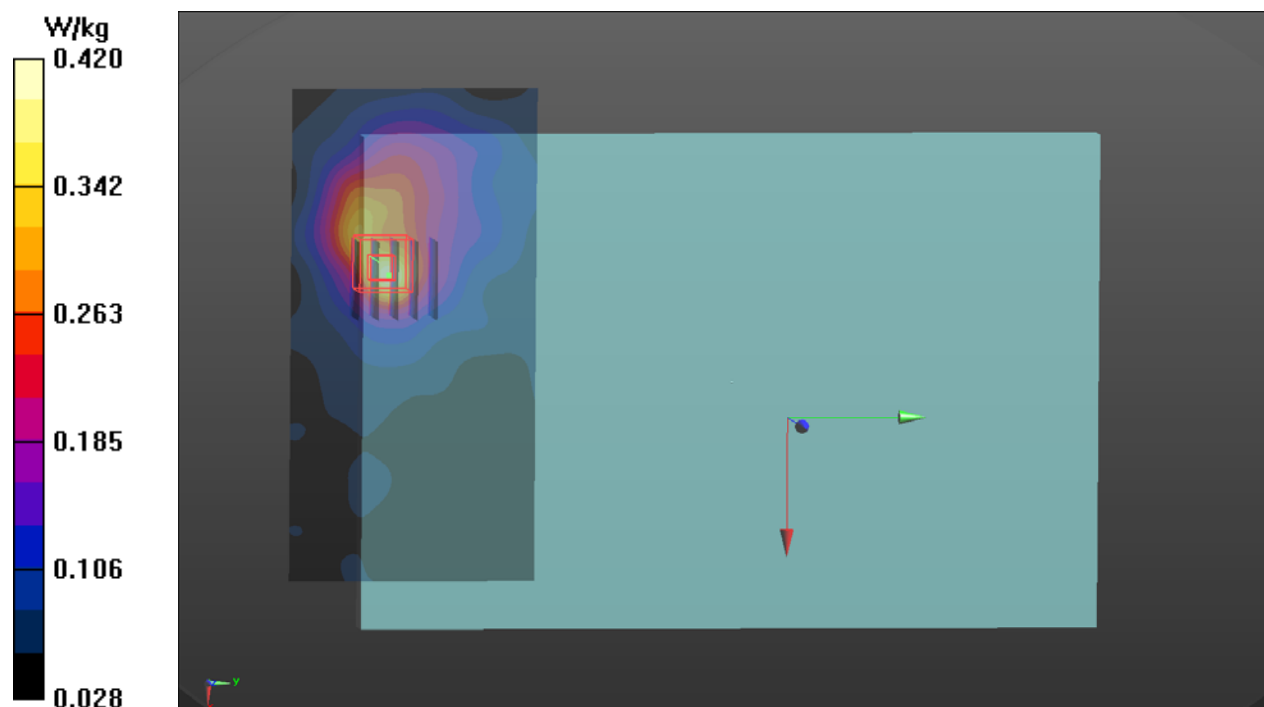
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz; Duty Cycle: 1:3.56  
Medium: H07T10N1\_0727 Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 41.812$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.17, 10.17, 10.17) @ 836.5 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.420 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.88 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 0.520 W/kg  
**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.162 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 10.7 mm  
Ratio of SAR at M2 to SAR at M1 = 51%  
Maximum value of SAR (measured) = 0.398 W/kg



# P38 5G NR- n41\_DFT-s\_30KHz\_QPSK100M\_Bottom\_0mm\_Ch509202\_1RB\_OS1\_Ant1\_DSI 1

## DUT: AACHI-WTW-P21070078

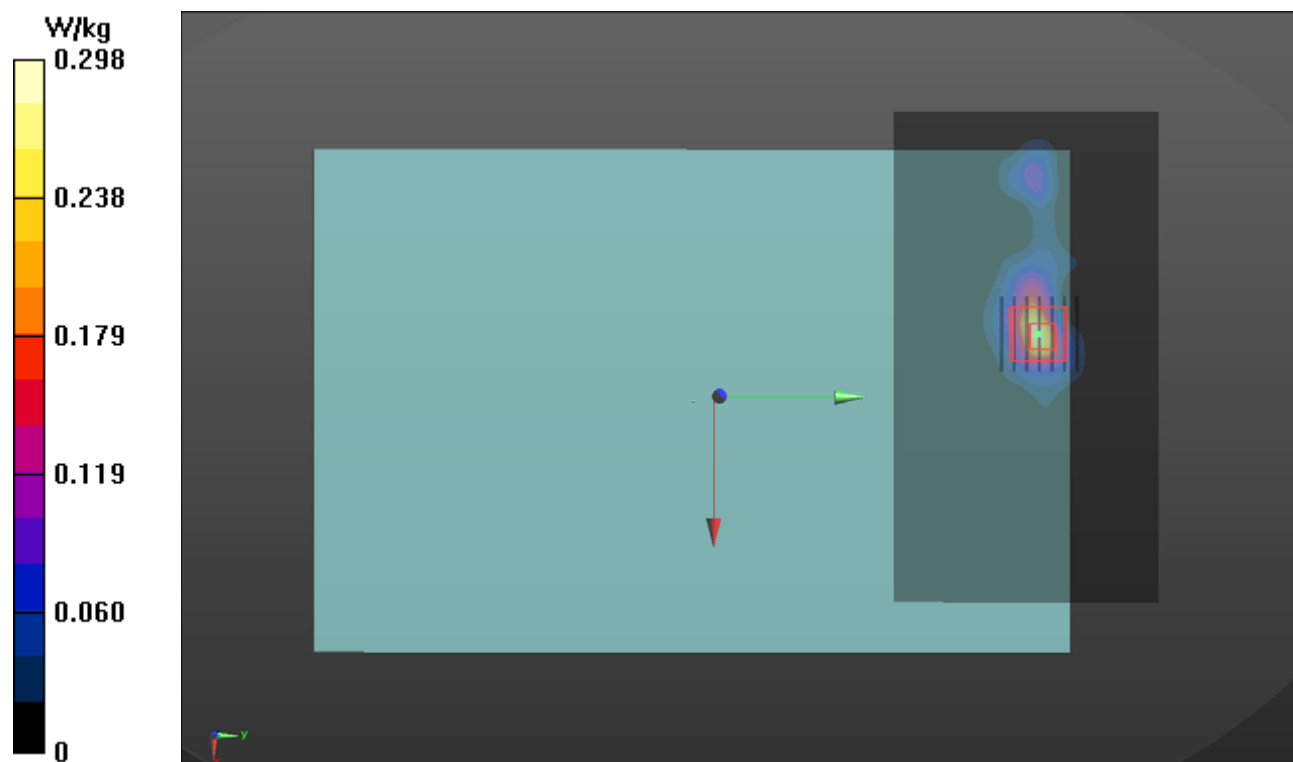
Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2546.01 MHz; Duty Cycle: 1:3.70  
Medium: H19T27N3\_0807 Medium parameters used (interpolated):  $f = 2546.01$  MHz;  $\sigma = 1.952$  S/m;  $\epsilon_r = 38.554$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.21, 7.21, 7.21) @ 2546.01 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom\_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (171x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.298 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 11.91 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.320 W/kg  
**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.055 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 6.7 mm  
Ratio of SAR at M2 to SAR at M1 = 45.6%  
Maximum value of SAR (measured) = 0.236 W/kg



# P39 5G NR- n66\_DFT-s\_15KHz\_QPSK40M\_Bottom\_0mm\_Ch352000\_1RB\_OS1\_Ant1\_DSI 1

## DUT: AACHI-WTW-P21070078

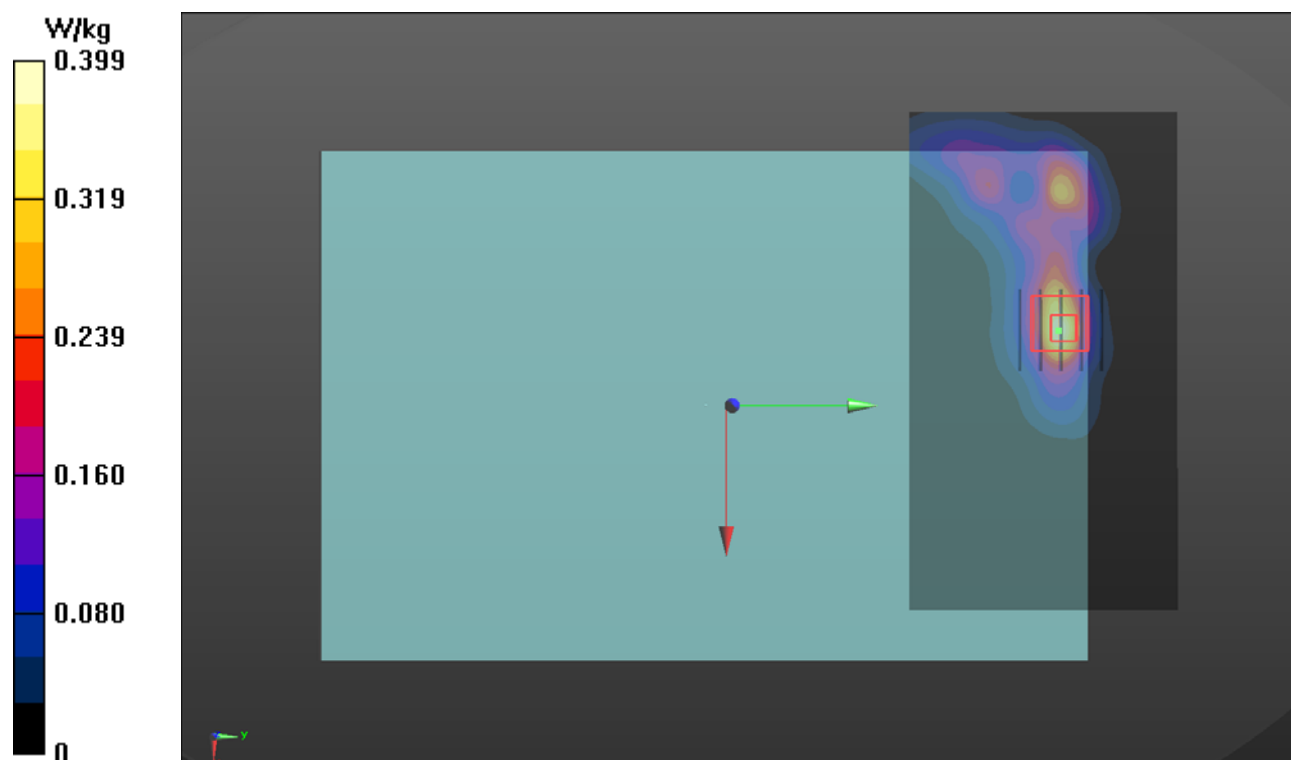
Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1760 MHz; Duty Cycle: 1:3.56  
Medium: H16T20N3\_0807 Medium parameters used:  $f = 1760$  MHz;  $\sigma = 1.335$  S/m;  $\epsilon_r = 41.441$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(8.24, 8.24, 8.24) @ 1760 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom\_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (131x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.399 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 17.04 V/m; Power Drift = 0.14 dB  
Peak SAR (extrapolated) = 0.515 W/kg  
**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.109 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 9.6 mm  
Ratio of SAR at M2 to SAR at M1 = 45.1%  
Maximum value of SAR (measured) = 0.393 W/kg





# P40 5G NR- n71\_DFT-s\_15KHz\_QPSK20M\_Bottom\_0mm\_Ch134600\_1RB\_OS1\_Ant2\_DSI 1

## DUT: AACHI-WTW-P21070078

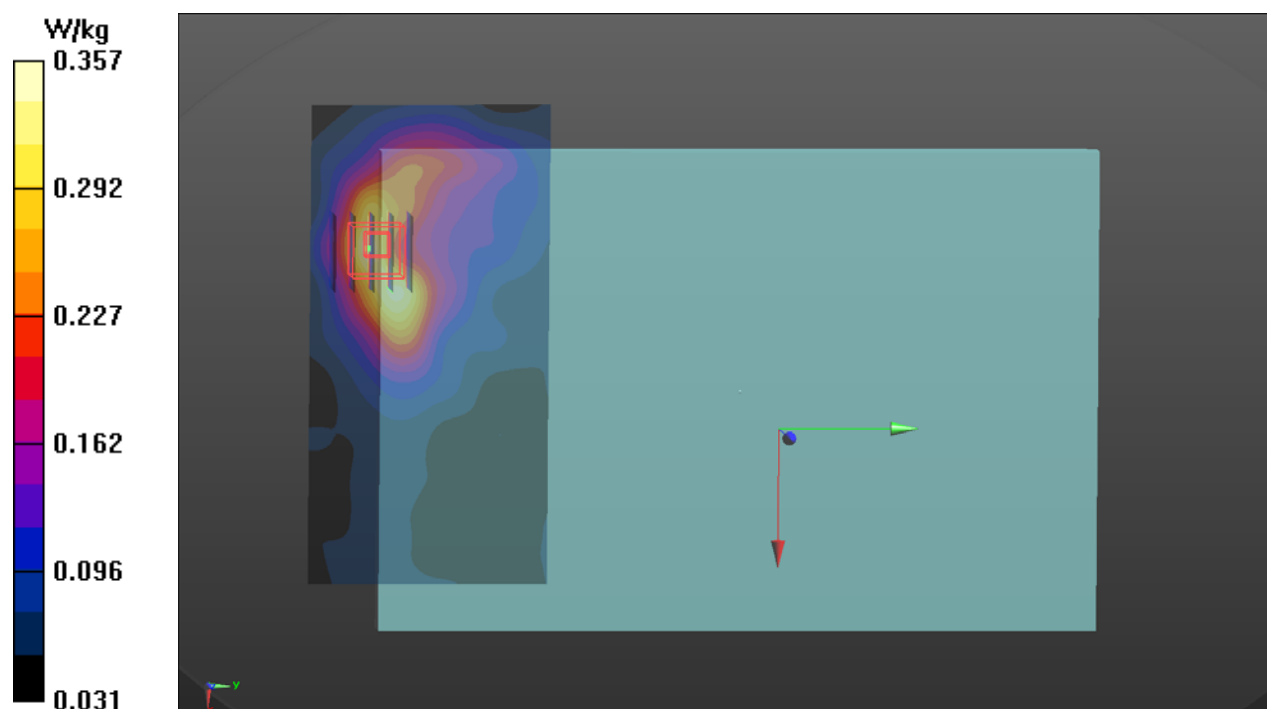
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 673 MHz; Duty Cycle: 1:3.56  
Medium: H06T09N1\_0727 Medium parameters used:  $f = 673$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 43.573$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.45, 10.45, 10.45) @ 673 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.357 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 19.26 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 0.529 W/kg  
**SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.170 W/kg** (SAR corrected for target medium)  
Smallest distance from peaks to all points 3 dB below = 9.6 mm  
Ratio of SAR at M2 to SAR at M1 = 52.1%  
Maximum value of SAR (measured) = 0.411 W/kg



# P41 5G NR- n77\_DFT-s\_30KHz\_QPSK100M\_Bottom\_0mm\_Ch650000\_1RB\_OS1\_Ant3\_DSI 1

## DUT: AACHI-WTW-P21070078

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3750 MHz; Duty Cycle: 1:3.7

Medium: H33T42N4\_0809 Medium parameters used:  $f = 3750$  MHz;  $\sigma = 2.992$  S/m;  $\epsilon_r = 37.772$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.12, 7.12, 7.12) @ 3750 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom\_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (221x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 9.225 V/m; Power Drift = 0.01 dB

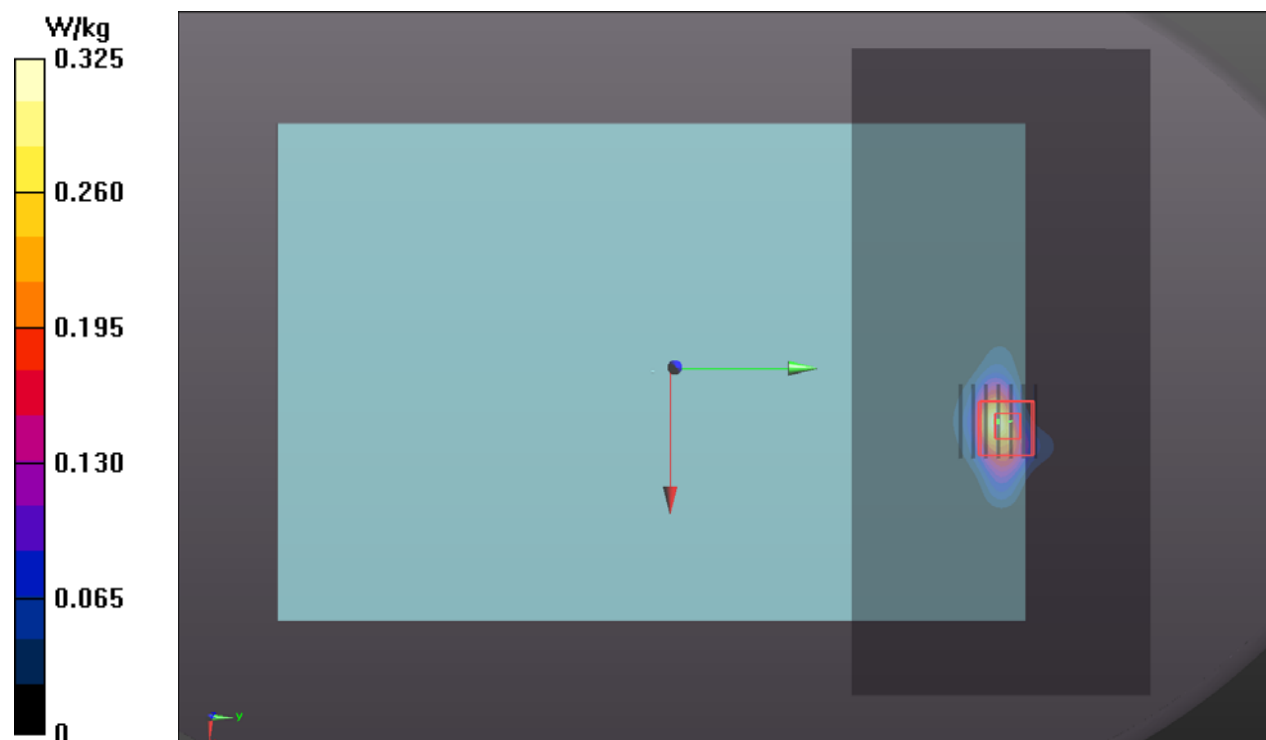
Peak SAR (extrapolated) = 0.627 W/kg

**SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.064 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 58.1%

Maximum value of SAR (measured) = 0.388 W/kg



## P42 WLAN2.4G\_802.11b\_Bottom\_0mm\_Ch1\_Ant2\_DSI 1

**DUT: P21070078**

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);

Frequency: 2412 MHz; Duty Cycle: 1:1.01

Medium: H19T27N1\_0709 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.853$  S/m;  $\epsilon_r = 38.477$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.59, 7.59, 7.59) @ 2412 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15

- Phantom: Twin-ELI Phantom\_2118; Type: QD OVA 004 AA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x291x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.364 W/kg

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

Reference Value = 11.55 V/m; Power Drift = 0.07 dB

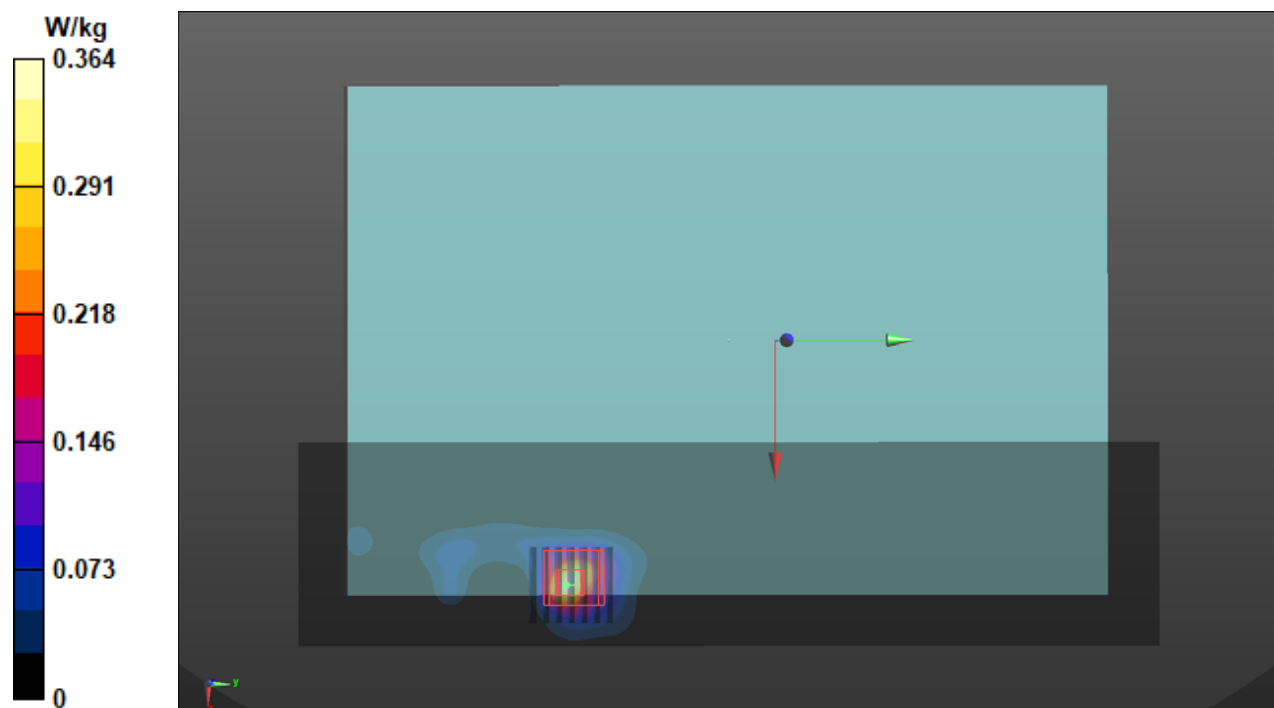
Peak SAR (extrapolated) = 0.522 W/kg

**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.086 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 38.5%

Maximum value of SAR (measured) = 0.388 W/kg



### P43 WLAN5.3G\_802.11ac VHT80\_Bottom\_0mm\_Ch58\_Ant2\_DSI 1

**DUT: P21070078**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency:

5290 MHz; Duty Cycle: 1:1.01

Medium: H34T60N1\_0709 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.923$  S/m;  $\epsilon_r = 37.238$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5.41, 5.41, 5.41) @ 5290 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15

- Phantom: Twin-ELI Phantom\_2118; Type: QD OVA 004 AA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x341x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.578 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.30 V/m; Power Drift = 0.14 dB

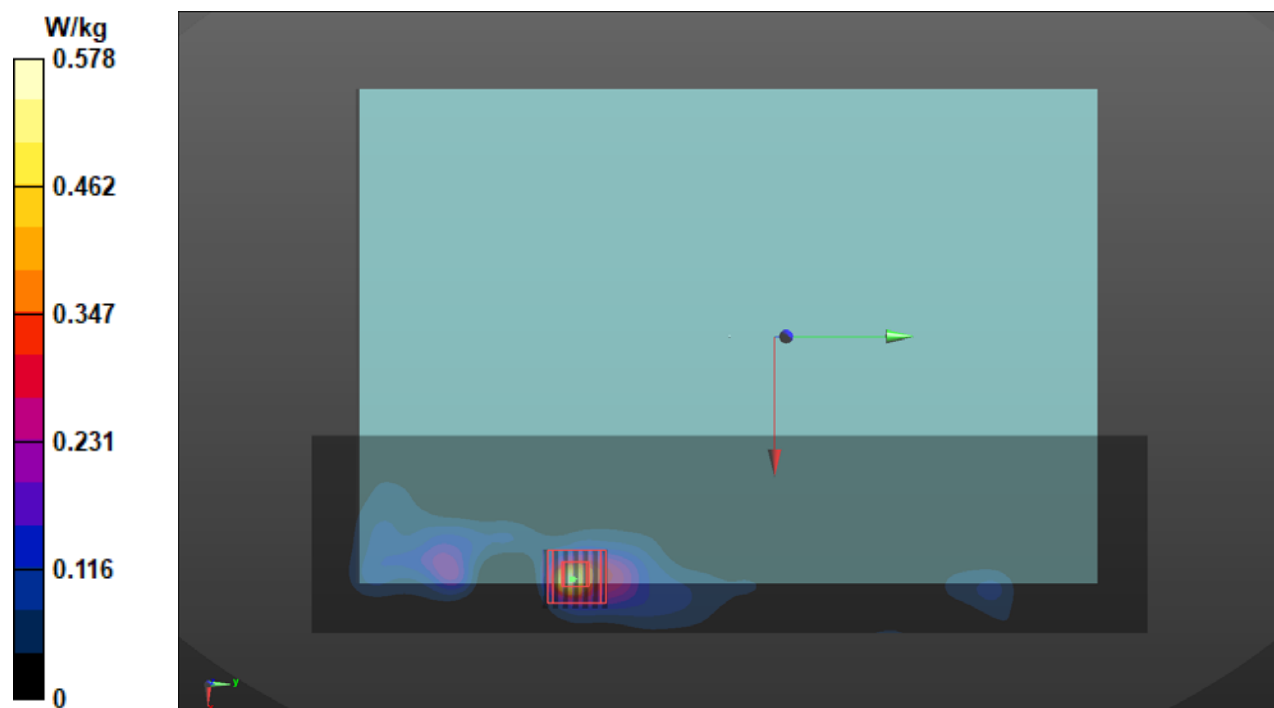
Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.100 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 60.6%

Maximum value of SAR (measured) = 0.866 W/kg



**P44 WLAN5.6G\_802.11ac VHT160\_Bottom\_0mm\_Ch114\_Ant1+2\_DSI 1****DUT: P21070078**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.01

Medium: H34T60N1\_0709 Medium parameters used:  $f = 5570$  MHz;  $\sigma = 5.173$  S/m;  $\epsilon_r = 36.507$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7555; ConvF(4.8, 4.8, 4.8) @ 5570 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x341x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.56 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.24 W/kg

**SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.120 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 58%

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

**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.56 V/m; Power Drift = 0.12 dB

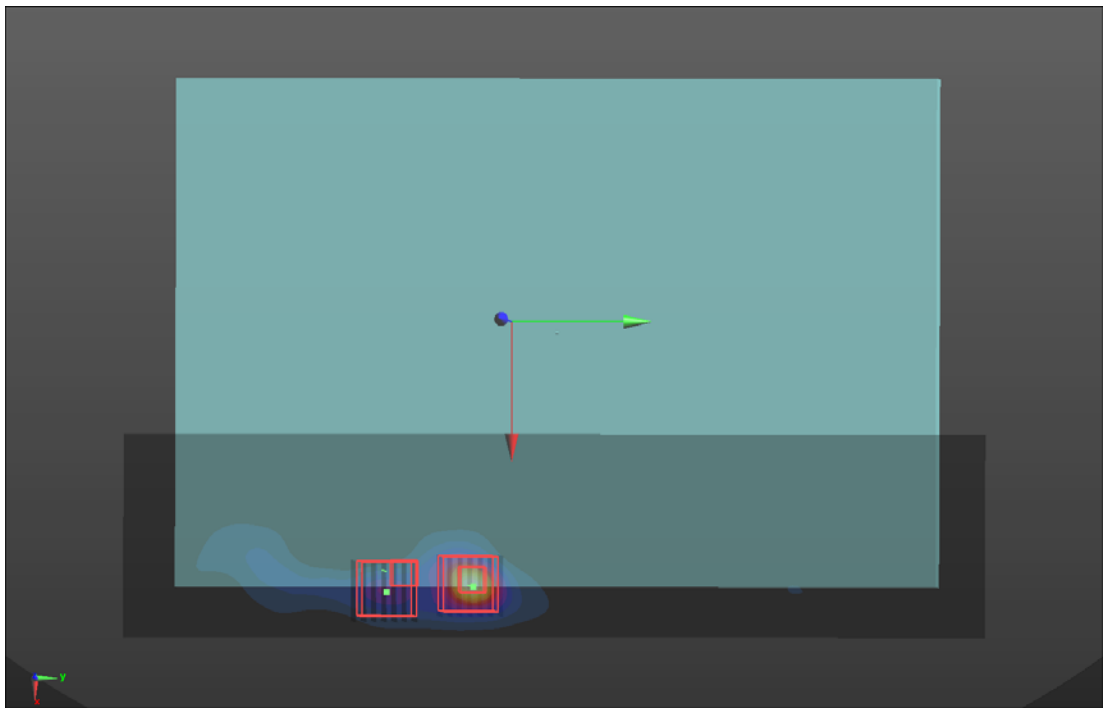
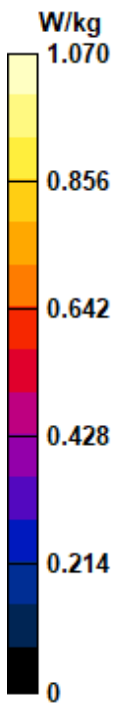
Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.061 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 49.6%

Maximum value of SAR (measured) = 0.465 W/kg



**P45 WLAN5.8G\_802.11ac VHT80\_Bottom\_0mm\_Ch155\_Ant1+2\_DSI 1****DUT: P21070078**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.01

Medium: H34T60N1\_0709 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.395$  S/m;  $\epsilon_r = 36.434$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

## DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5, 5, 5) @ 5775 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x341x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.78 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.18 W/kg

**SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.118 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 56.7%

Maximum value of SAR (measured) = 1.03 W/kg

**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.78 V/m; Power Drift = 0.08 dB

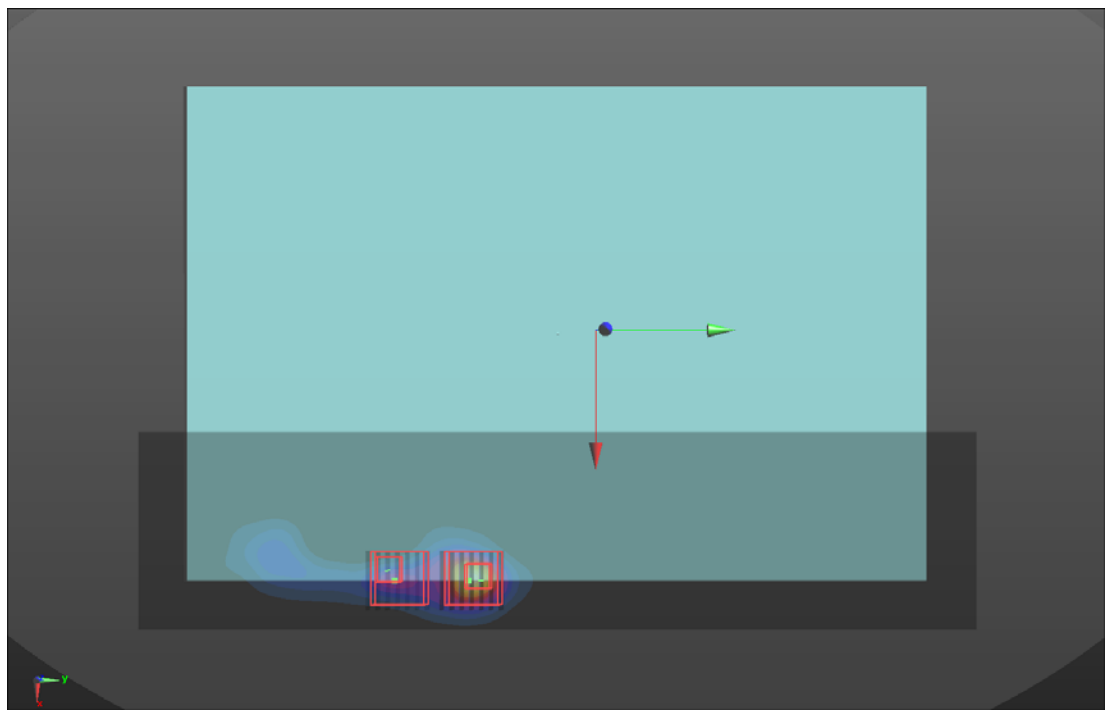
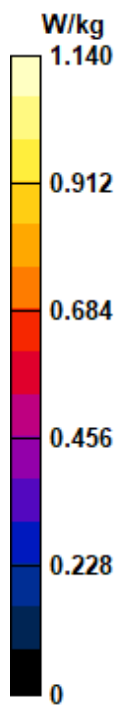
Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.080 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 57%

Maximum value of SAR (measured) = 0.608 W/kg





### P46 BT\_BDR\_Bottom\_0mm\_Ch78\_Ant2\_DSI 1

**DUT: P21070078**

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2480 MHz; Duty Cycle: 1:1.3

Medium: H19T27N1\_0709 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.919$  S/m;  $\epsilon_r = 38.214$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.59, 7.59, 7.59) @ 2480 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: Twin-ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x291x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0473 W/kg

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

Reference Value = 4.484 V/m; Power Drift = 0.15 dB

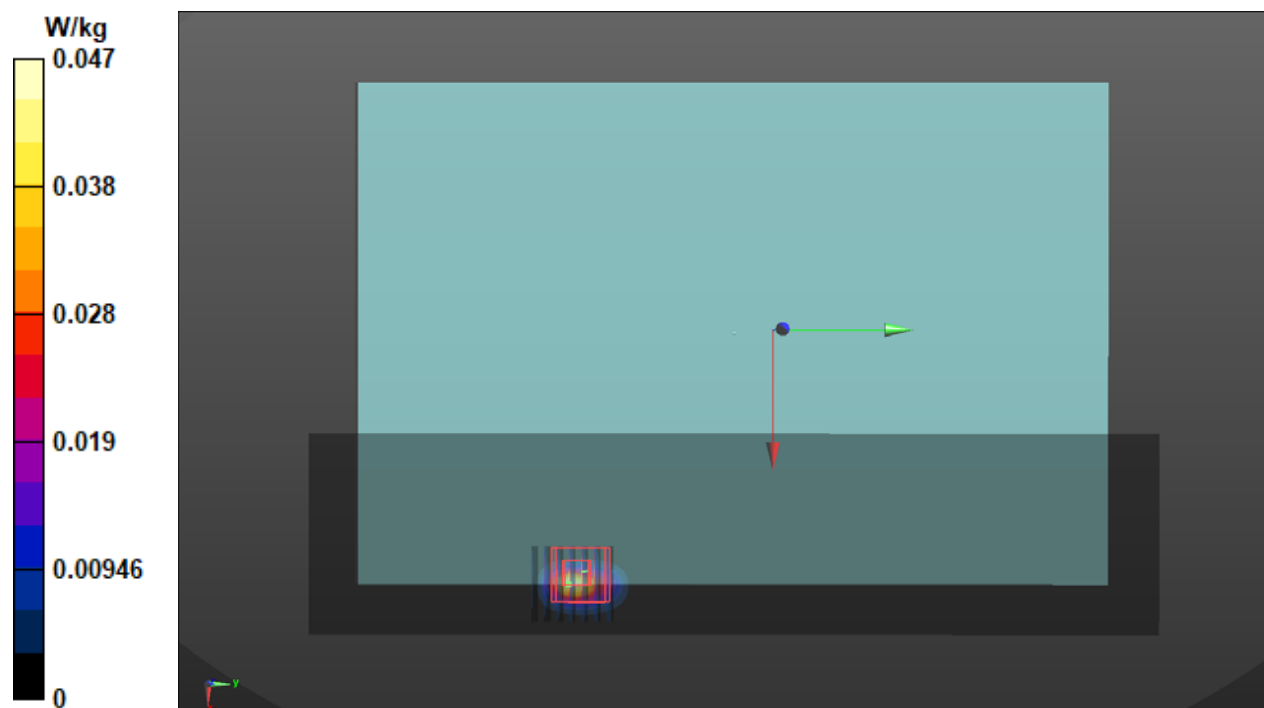
Peak SAR (extrapolated) = 0.0790 W/kg

**SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.012 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 37.1%

Maximum value of SAR (measured) = 0.0560 W/kg



## P47 UNII-8\_802.11ax HE160\_Rear Face\_0mm\_Ch207\_Ant2\_DSI2

### Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
ACHI-WTW-P21070078	300.0 x 200.0 x 15.0		Tablet

### Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Rear Face,	U-NII-8	WLAN, 10755-AAC	6985.0,	5.5	6.60	32.9

### Hardware Setup

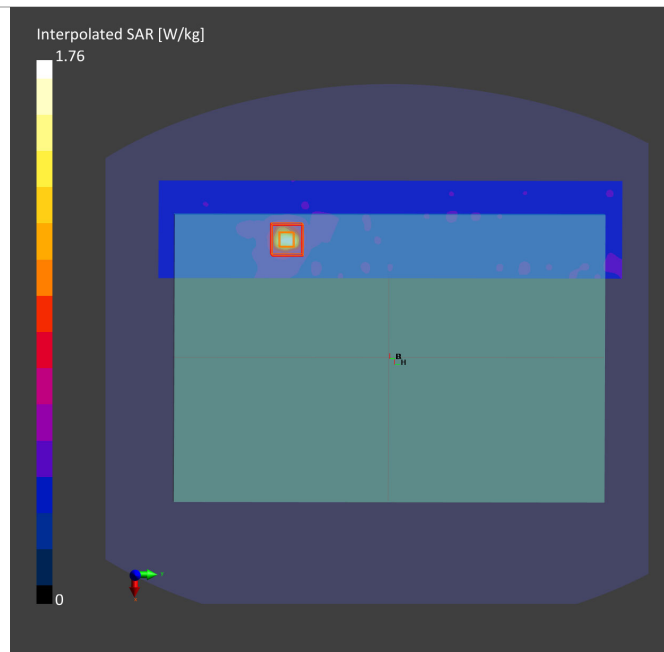
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H50T72N1, 2021-Jul-30	EX3DV4 - SN3971, 2021-01-27	DAE4 Sn1431, 2021-03-24

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 323.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

### Measurement Results

	Area Scan	Zoom Scan
Date	2021-07-30	2021-07-30
psSAR1g [W/Kg]	1.39	1.05
psSAR10g [W/Kg]	0.430	0.232
Power Drift [dB]	-0.05	-0.02



## Test Lab: Bureau Veritas ADT SAR/HAC/PD Testing Lab

### Power Density Plot No.:

P47 UNII-8\_802.11ax HE160\_Rear Face\_0mm\_Ch207\_Ant 2\_DSI 2

### Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
WTW-P21070078	302.0 x 202.0 x 12.0		Tablet

### Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5GAir	Rear face, 2.00	UNII-8	WLAN, 10755-AAC	6985.0	1.0

### Hardware Setup

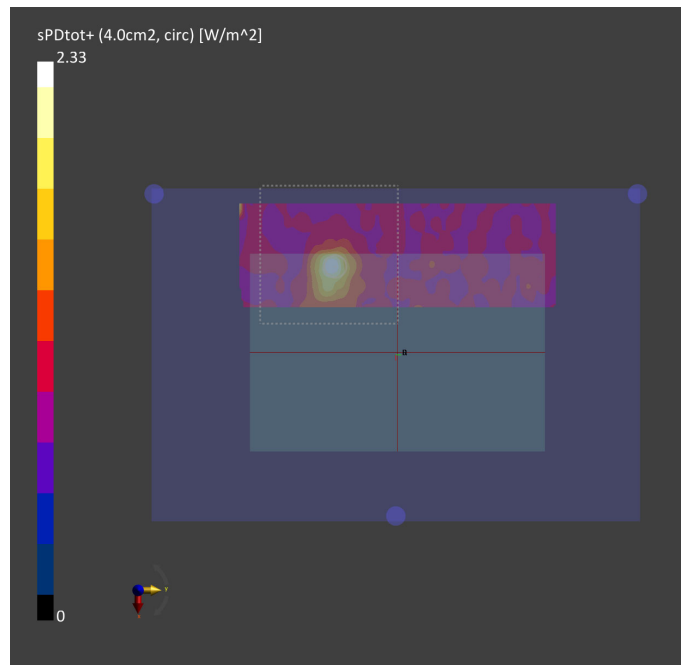
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	--Air--	EUmmWV3 - SN9361_F1-78GHz,2021-09-24	DAE4 Sn1585,2021-04-15

### Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0

### Measurement Results

	5G Scan
Date	2021-07-31
Avg. Area [cm <sup>2</sup> ]	4.00
p <sub>Stot</sub> avg [W/m <sup>2</sup> ]	2.22
p <sub>S<sub>n</sub></sub> avg [W/m <sup>2</sup> ]	1.83
E <sub>peak</sub> [V/m]	43.3
Power Drift [dB]	0.12



## P48 UNII-6\_802.11ax HE160\_Bottom\_0mm\_Ch111\_Ant2

### Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
AACHI-WTW-P21070078	300.0 x 200.0 x 15.0		NB

### Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom	U-NII-6	WLAN, 10755-AAC	6505.0,	5.5	6.19	33.7

### Hardware Setup

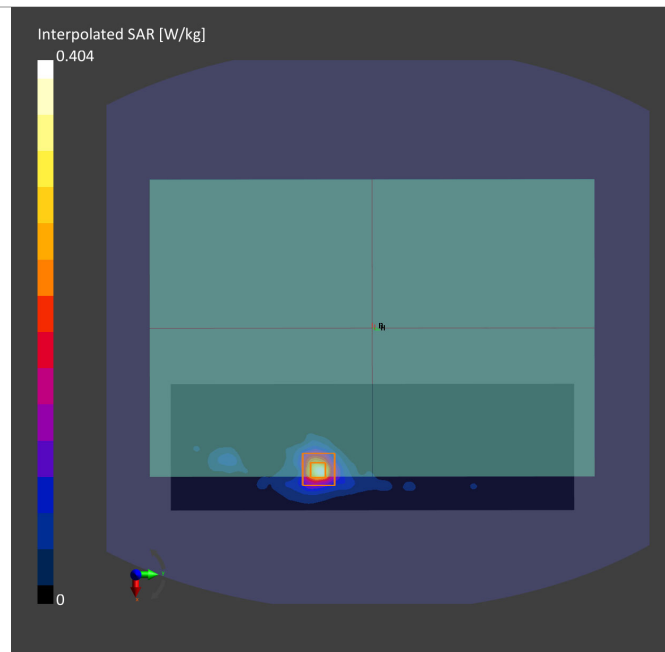
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H50T72N2, 2021-Jul-20	EX3DV4 - SN7537, 2021-04-26	DAE4 Sn1585, 2021-04-15

### Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 272.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

### Measurement Results

	Area Scan	Zoom Scan
Date	2021-07-20	2021-07-20
psSAR1g [W/Kg]	0.285	0.332
psSAR10g [W/Kg]	0.087	0.096
Power Drift [dB]	0.12	0.02



# P48 UNII-6\_802.11ax HE160\_Bottom\_0mm\_Ch111\_Ant2\_DS11

## Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P21070078	300.0 x 200.0 x 15.0		NoteBook

## Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

## Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1030	Air---	EUmmWV3 - SN9361_F1-78GHz, 2020-09-24	DAE4 Sn1431, 2021-03-24

## Scan Setup

	5G Scan
Grid Extents [mm]	40.0 x 40.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0

## Measurement Results

	5G Scan
Date	2021-07-21
Avg. Area [cm <sup>2</sup> ]	1.00
psPDn+ [W/m <sup>2</sup> ]	2.31
psPDtot+ [W/m <sup>2</sup> ]	2.47
psPDmod+ [W/m <sup>2</sup> ]	2.71
E <sub>max</sub> [V/m]	40.7
Power Drift [dB]	-0.18

