

### P01 802.11b\_Display Rear Face\_0cm\_Ch6\_Antenna-1\_Degree 90

**DUT: (13) NS13A**

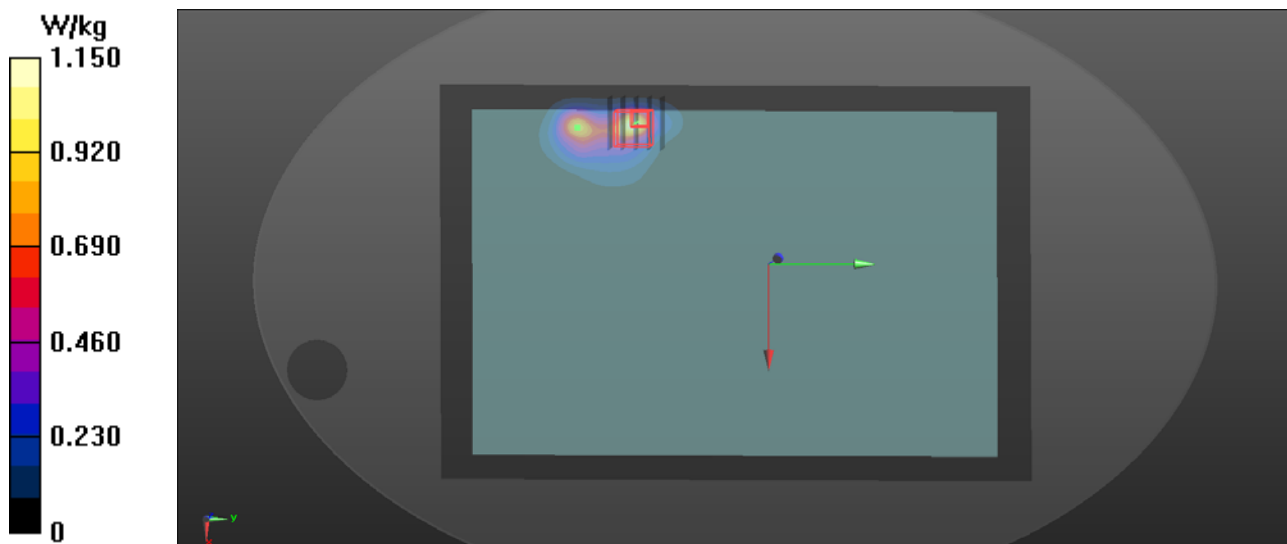
Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium: B2450\_0511 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.986$  S/m;  $\epsilon_r = 52.871$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.83, 7.83, 7.83); Calibrated: 2017/11/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2017/10/09
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (201x301x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.15 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.557 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 0.916 W/kg  
**SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.164 W/kg**  
Maximum value of SAR (measured) = 0.554 W/kg



### P02 802.11ac\_VHT80\_Display Rear Face\_0cm\_Ch42\_Antenna-0\_Degree 90

#### DUT: (13) NS13A

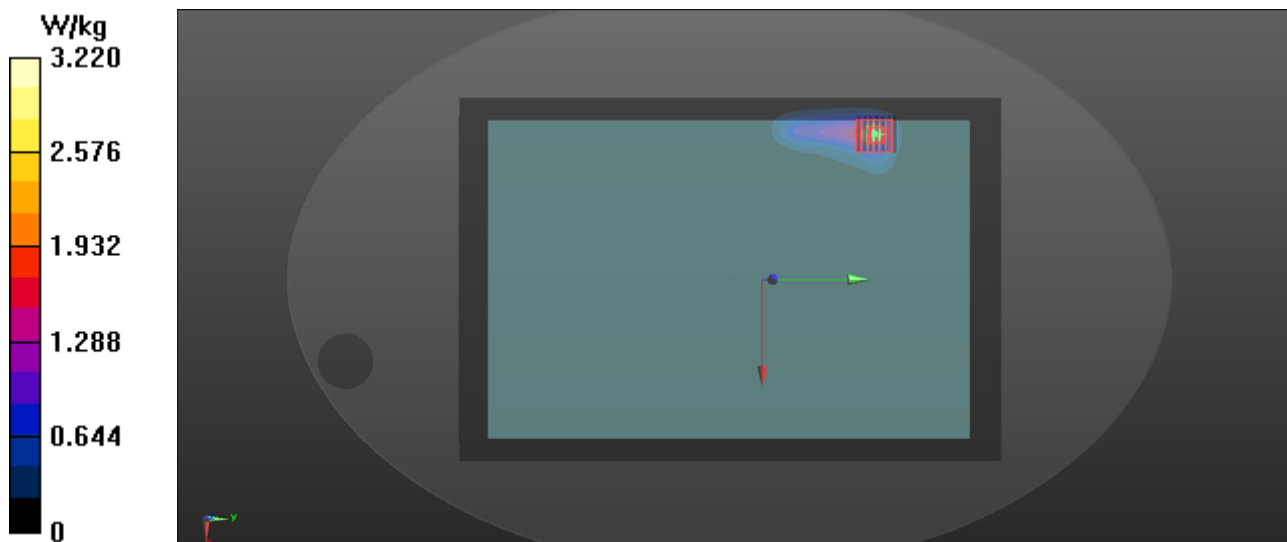
Communication System: 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1  
Medium: B5G\_0512 Medium parameters used:  $f = 5210$  MHz;  $\sigma = 5.191$  S/m;  $\epsilon_r = 50.878$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(5.19, 5.19, 5.19); Calibrated: 2017/11/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2017/10/09
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (241x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 3.22 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 1.199 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 5.12 W/kg  
**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.368 W/kg**  
Maximum value of SAR (measured) = 2.93 W/kg



### P03 802.11ac\_VHT80\_Display Rear Face\_0cm\_Ch58\_Antenna-0\_Degree 90

#### DUT: (13) NS13A

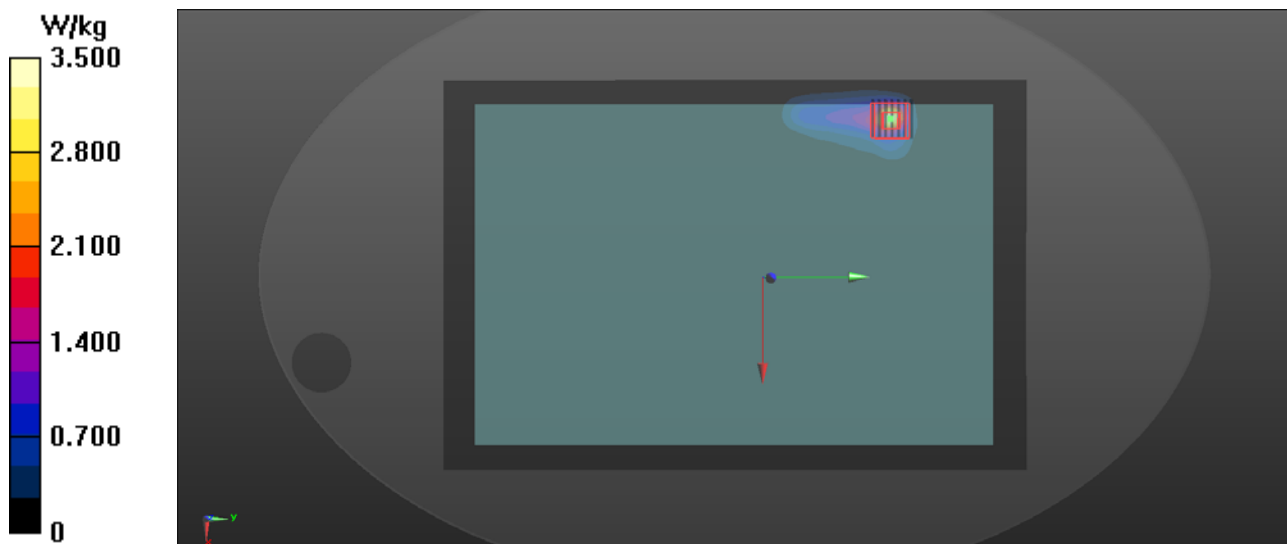
Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1  
Medium: B5G\_0513 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 5.318$  S/m;  $\epsilon_r = 50.81$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.9 °C ; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.73, 4.73, 4.73); Calibrated: 2017/11/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2017/10/09
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (241x361x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 3.50 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 1.171 V/m; Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 5.63 W/kg  
**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.315 W/kg**  
Maximum value of SAR (measured) = 3.17 W/kg



### P04 802.11ac\_VHT80\_Display Rear Face\_0cm\_Ch106\_Antenna-1\_Degree 90

#### DUT: (13) NS13A

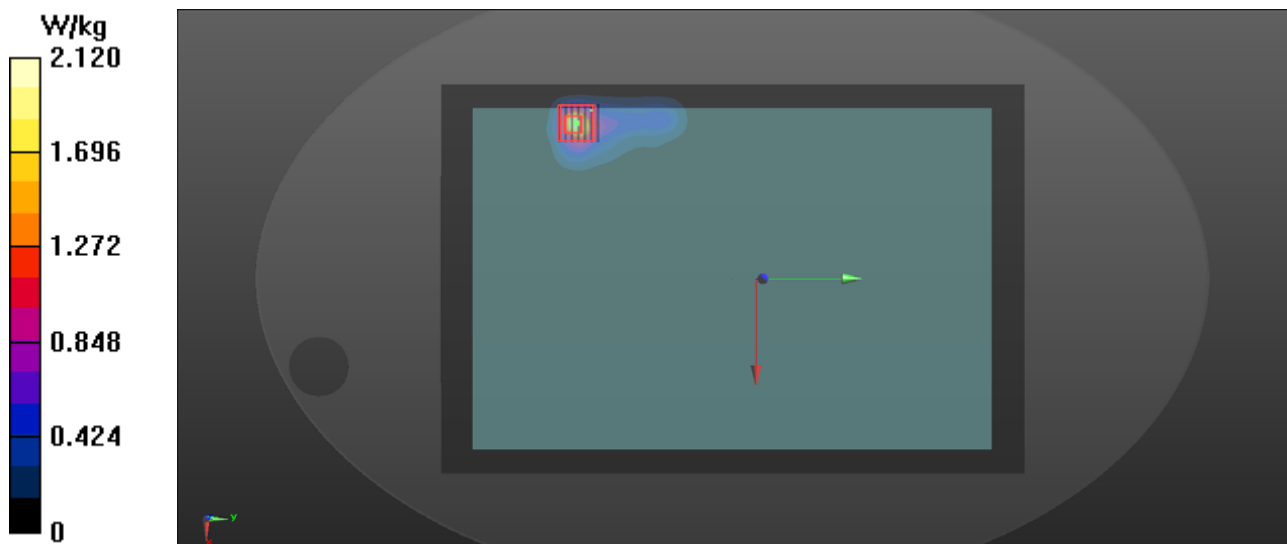
Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1  
Medium: B5G\_0514 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 5.716$  S/m;  $\epsilon_r = 50.383$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.42, 4.42, 4.42); Calibrated: 2017/11/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2017/10/09
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (241x361x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 2.12 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 1.122 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 4.64 W/kg  
**SAR(1 g) = 0.917 W/kg; SAR(10 g) = 0.313 W/kg**  
Maximum value of SAR (measured) = 2.51 W/kg



### P05 802.11ac\_VHT80\_Display Rear Face\_0cm\_Ch155\_Antenna-0\_Degree 90

**DUT: (13) NS13A**

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1  
Medium: B5G\_0515 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 6.097$  S/m;  $\epsilon_r = 49.826$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.4, 4.4, 4.4); Calibrated: 2017/11/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2017/10/09
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (241x361x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.93 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0.977 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 4.18 W/kg  
**SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.222 W/kg**  
Maximum value of SAR (measured) = 2.18 W/kg

