

2.4GWIFI

DUT: FLEX 12B

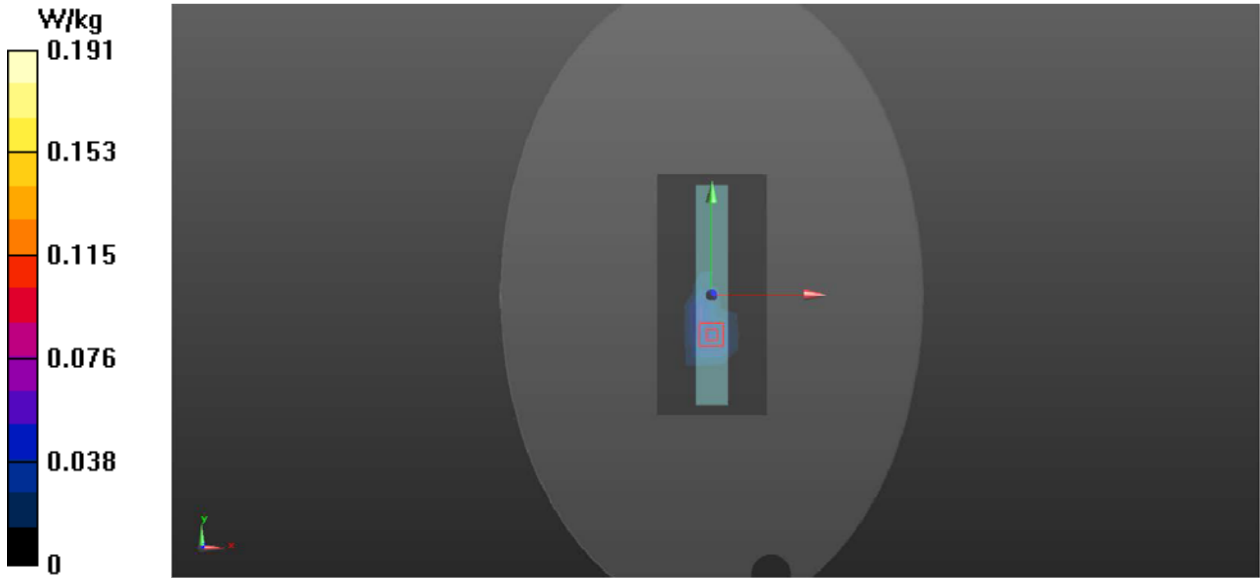
Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.776 \text{ S/m}$; $\epsilon_r = 40.424$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.0 \text{ }^\circ\text{C}$; Liquid Temperature : $21.8 \text{ }^\circ\text{C}$

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(8.06, 8.06, 8.06); Calibrated: 2023/5/17;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom-ANTB/Area Scan (6x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0548 W/kg

Bottom-ANTB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 2.659 V/m ; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.172 W/kg ; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.191 W/kg



5.2GWIFI

DUT: FLEX 12B

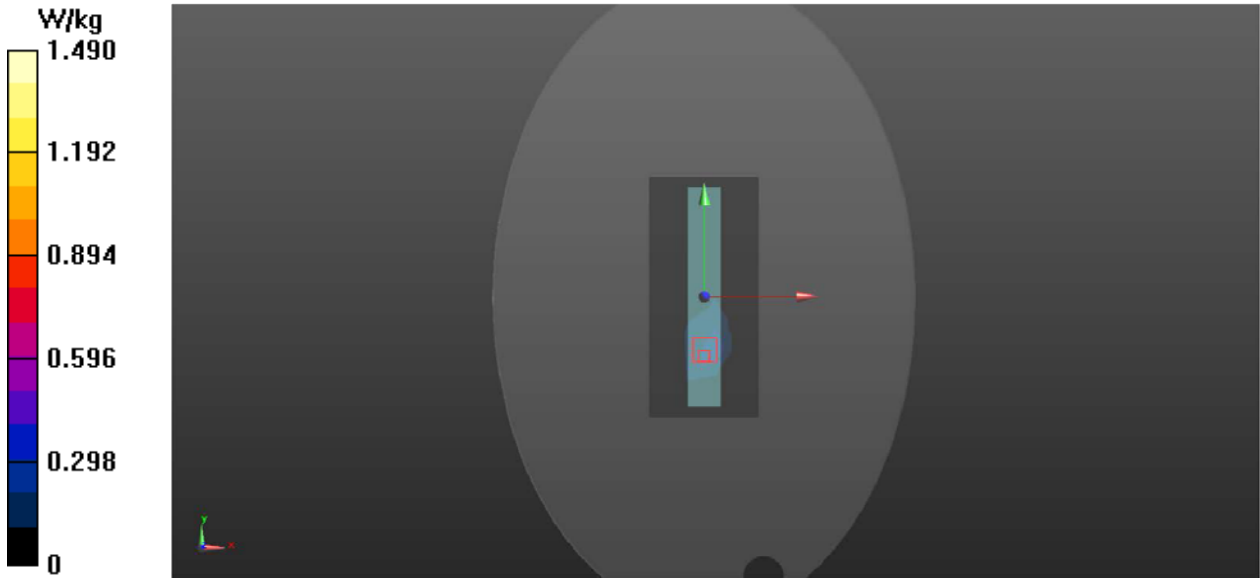
Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: $f = 5200\text{ MHz}$; $\sigma = 4.688\text{ S/m}$; $\epsilon_r = 36.999$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $22.2\text{ }^{\circ}\text{C}$; Liquid Temperature : $22.0\text{ }^{\circ}\text{C}$

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(5.8, 5.8, 5.8); Calibrated: 2023/5/17;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom-ANTB/Area Scan (6x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.296 W/kg

Bottom-ANTB/Zoom Scan (9x9x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 4.658 V/m ; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 3.97 W/kg
SAR(1 g) = 0.633 W/kg ; SAR(10 g) = 0.170 W/kg
Maximum value of SAR (measured) = 1.49 W/kg



5.3GWIFI

DUT:FLEX 12B

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: $f = 5300\text{ MHz}$; $\sigma = 4.81\text{ S/m}$; $\epsilon_r = 36.791$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $22.2\text{ }^\circ\text{C}$; Liquid Temperature : $22.0\text{ }^\circ\text{C}$

- DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(5.8, 5.8, 5.8); Calibrated: 2023/5/17;
 - Sensor-Surface: 2mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
 - Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
 - Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom-ANTB/Area Scan (6x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.344 W/kg

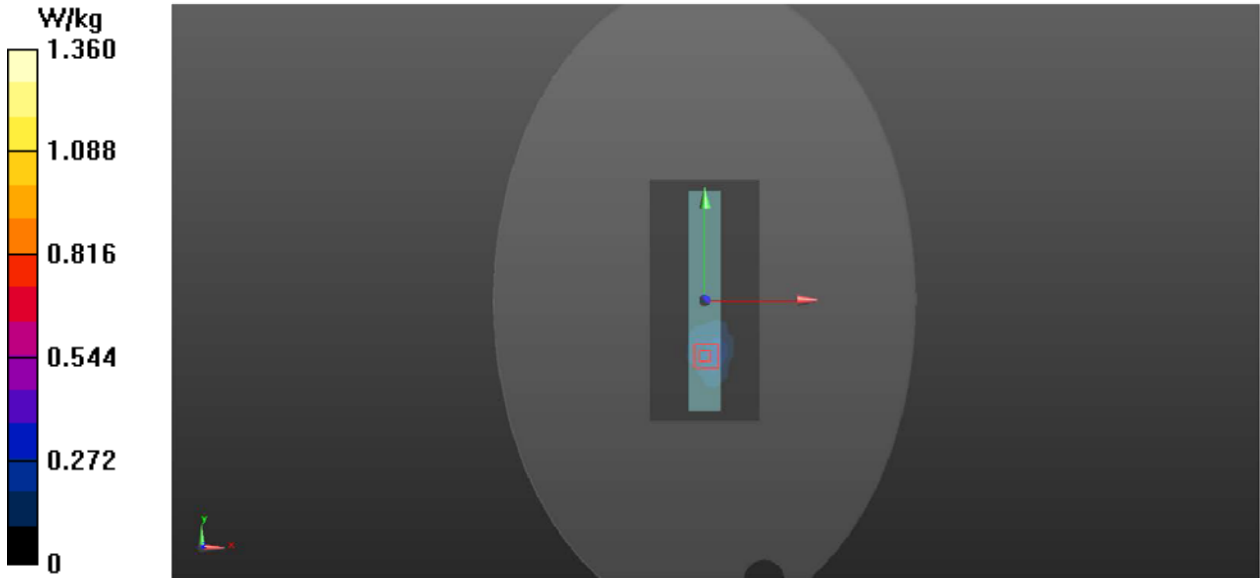
Bottom-ANTB/Zoom Scan (9x9x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 2.550 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.38 W/kg

SAR(1 g) = 0.593 W/kg ; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



5.6GWIFI

DUT: FLEX 12B

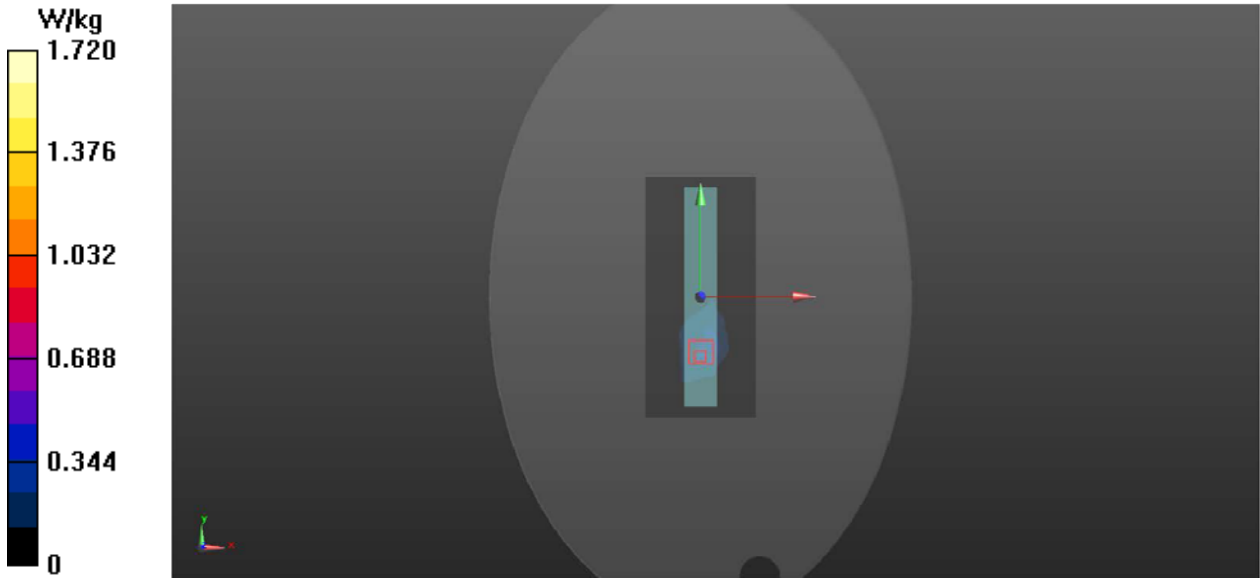
Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: $f = 5580\text{ MHz}$; $\sigma = 5.153\text{ S/m}$; $\epsilon_r = 36.161$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $22.5\text{ }^\circ\text{C}$; Liquid Temperature : $22.3\text{ }^\circ\text{C}$

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(5.2, 5.2, 5.2); Calibrated: 2023/5/17;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom-ANTB/Area Scan (6x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.368 W/kg

Bottom-ANTB/Zoom Scan (9x9x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 5.476 V/m ; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 5.02 W/kg
SAR(1 g) = 0.762 W/kg ; SAR(10 g) = 0.214 W/kg
Maximum value of SAR (measured) = 1.72 W/kg



5.8GWIFI

DUT: FLEX 12B

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: $f = 5785\text{ MHz}$; $\sigma = 5.396\text{ S/m}$; $\epsilon_r = 35.742$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $21.6\text{ }^{\circ}\text{C}$; Liquid Temperature : $21.4\text{ }^{\circ}\text{C}$

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(5.29, 5.29, 5.29); Calibrated: 2023/5/17;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom-ANTB/Area Scan (6x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Bottom-ANTB/Zoom Scan (9x9x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 5.126 V/m ; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 5.01 W/kg
SAR(1 g) = 0.780 W/kg ; SAR(10 g) = 0.219 W/kg
Maximum value of SAR (measured) = 1.71 W/kg

