



Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4GHz for Body
WIFI 5.2GHz for Body
WIFI 5.8GHz for Body



Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 6CH Rear side 0mm Ant0**DUT: HPPLP11; Type: Laptop; Serial: NA**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2472 MHz; Duty Cycle: 1:1.031

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 39.15$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.19, 7.19, 7.19); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.186 W/kg

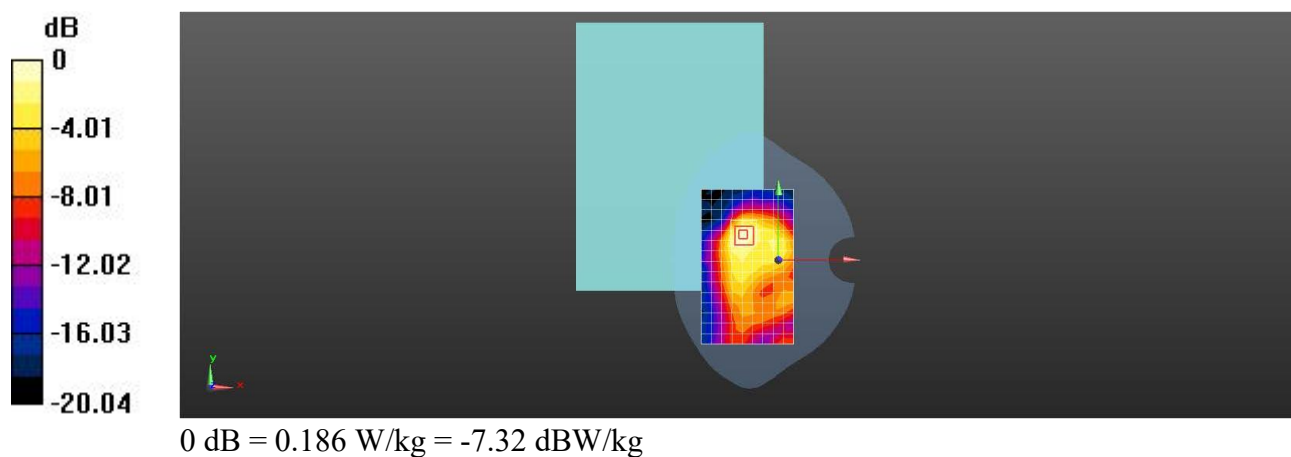
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.806 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.204 W/kg



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11ac 80M 42CH Rear side 0mm Ant0**DUT: HPPLP11; Type: Laptop; Serial: NA**

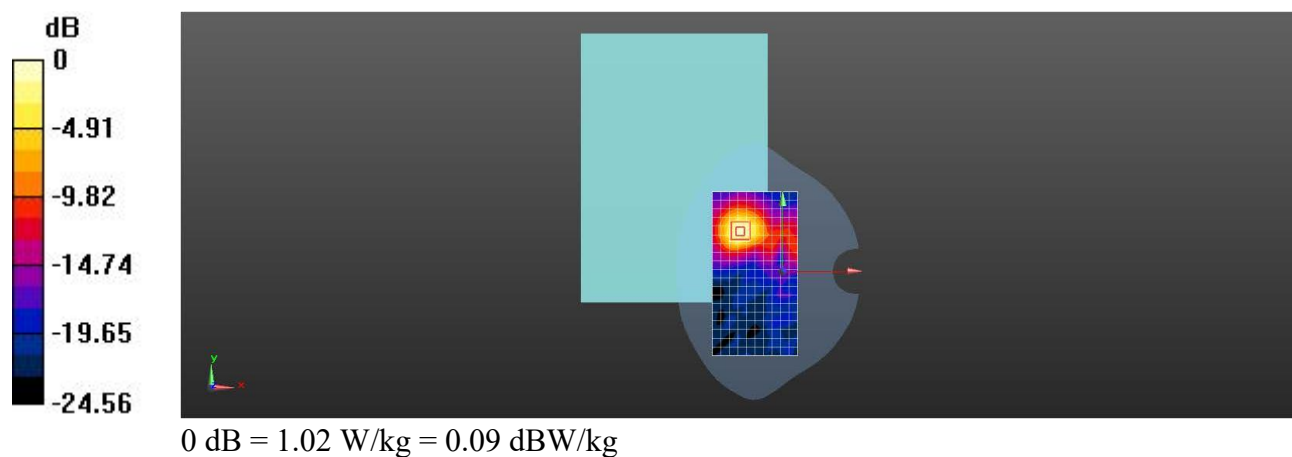
Communication System: UID 0, WI-FI(5.2GHz) (0); Frequency: 5210 MHz; Duty Cycle: 1:1.093

Medium parameters used: $f = 5210 \text{ MHz}$; $\sigma = 4.738 \text{ S/m}$; $\epsilon_r = 36.086$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.98, 4.98, 4.98); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x20x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 1.02 W/kg **Configuration/Body/Zoom Scan (7x7x17)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$ Reference Value = 1.150 V/m ; Power Drift = 0.06 dB Peak SAR (extrapolated) = 2.42 W/kg **SAR(1 g) = 0.586 W/kg ; SAR(10 g) = 0.207 W/kg** Maximum value of SAR (measured) = 1.16 W/kg 

Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11ac 80M 155CH Rear side 0mm Ant0**DUT: HPPLP11; Type: Laptop; Serial: NA**

Communication System: UID 0, WI-FI(5.8GHz) (0); Frequency: 5775 MHz; Duty Cycle: 1:1.096

Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.327 \text{ S/m}$; $\epsilon_r = 34.717$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.82, 4.82, 4.82); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x20x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.360 W/kg

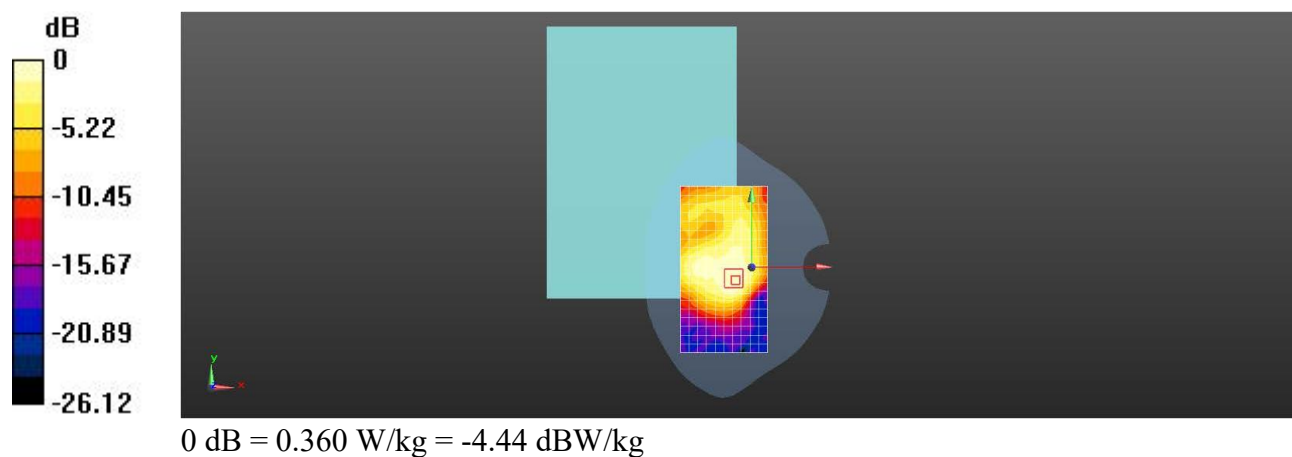
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.872 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.497 W/kg

SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.369 W/kg



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity