

Wi-Fi 2.4 GHz

Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2462 \text{ MHz}$; $\sigma = 2.051 \text{ S/m}$; $\epsilon_r = 50.555$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1257; Calibrated: 9/15/2016
- Probe: EX3DV4 - SN3991; ConvF(7.65, 7.65, 7.65); Calibrated: 5/12/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Edge 1 Slant/802.11b_ch 11/Area Scan (9x28x1): Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.82 W/kg

Edge 1 Slant/802.11b_ch 11/Zoom Scan Aux Ant (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.051 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.50 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.312 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.75 W/kg

Edge 1 Slant/802.11b_ch 11/Zoom Scan Main Ant (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

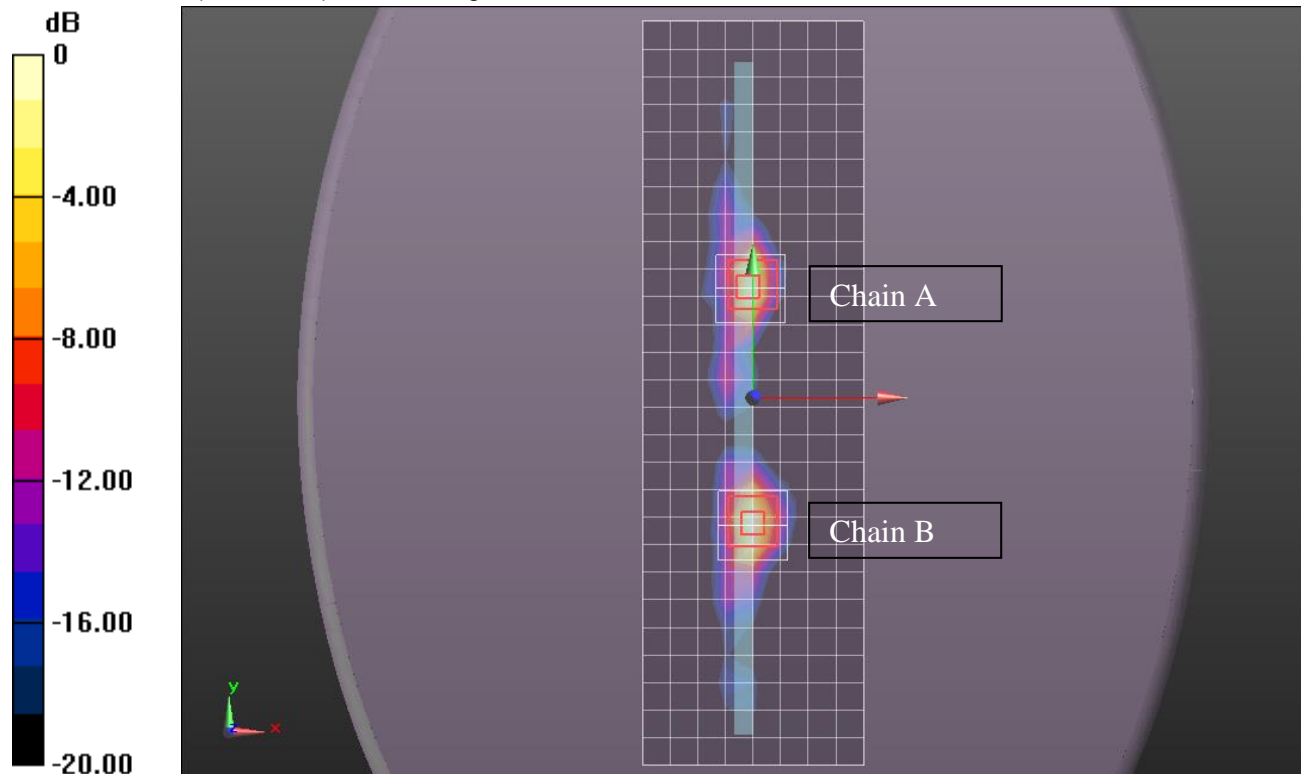
Reference Value = 27.051 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.75 W/kg

SAR(1 g) = 0.911 W/kg; SAR(10 g) = 0.294 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

Wi-Fi 5.3GHz

Frequency: 5270 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 5.325 \text{ S/m}$; $\epsilon_r = 47.547$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1257; Calibrated: 9/15/2016
- Probe: EX3DV4 - SN3991; ConvF(4.54, 4.54, 4.54); Calibrated: 5/12/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1 Slant/802.11n HT40_Ch 54/Area Scan (10x33x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.77 W/kg

Edge 1 Slant/802.11n HT40_Ch 54/Zoom Scan Aux Ant. (7x7x12)/Cube 0: Measurement grid:

$dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 18.368 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 5.79 W/kg

SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.204 W/kg

Maximum value of SAR (measured) = 2.19 W/kg

Edge 1 Slant/802.11n HT40_Ch 54/Zoom Scan Main Ant. (7x7x12)/Cube 0: Measurement grid:

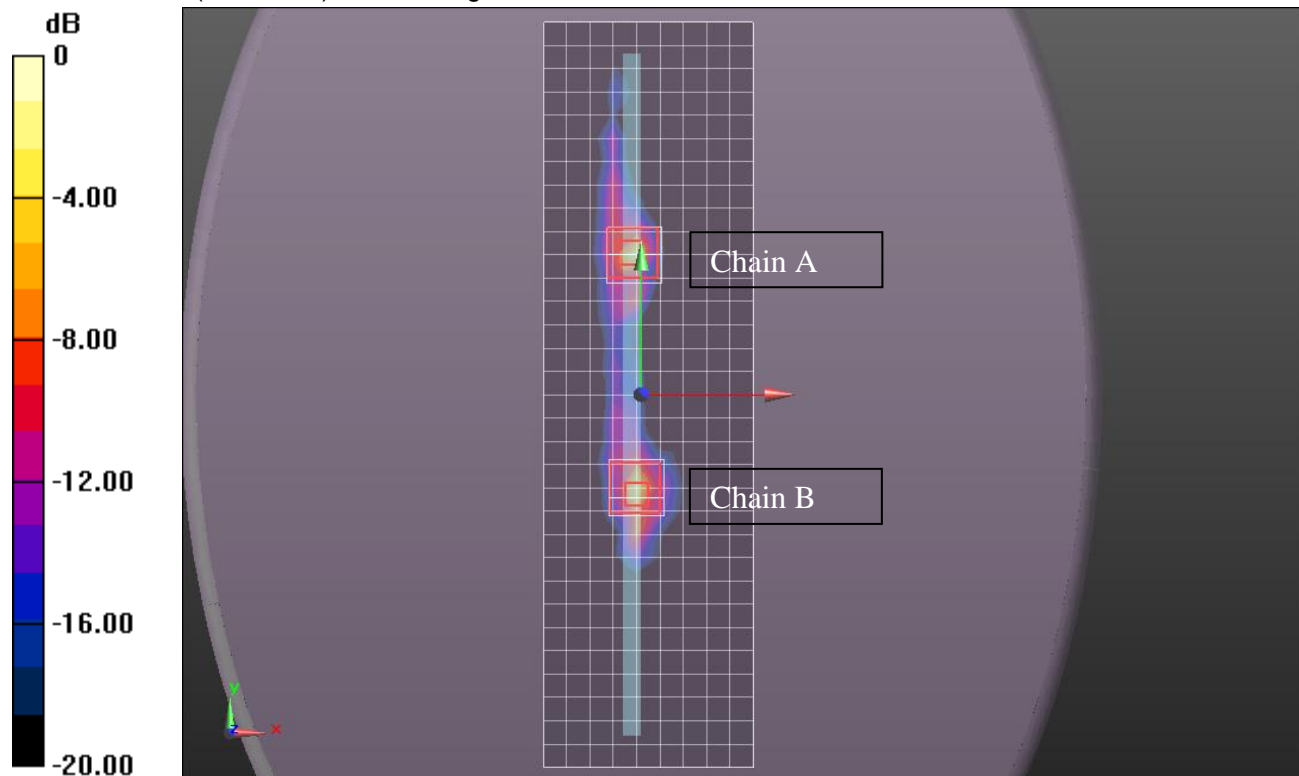
$dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 18.368 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.60 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.231 W/kg

Maximum value of SAR (measured) = 2.78 W/kg



0 dB = 2.78 W/kg = 4.44 dBW/kg

Wi-Fi 5.5GHz

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5610 \text{ MHz}$; $\sigma = 5.773 \text{ S/m}$; $\epsilon_r = 46.922$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1257; Calibrated: 9/15/2016
- Probe: EX3DV4 - SN3991; ConvF(3.77, 3.77, 3.77); Calibrated: 5/12/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1 Slant/802.11ac VHT80_Ch 122/Area Scan (10x33x1): Measurement grid: dx=10mm, dy=10mm

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

Edge 1 Slant/802.11ac VHT80_Ch 122/Zoom Scan Aux Ant. (7x7x12)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.021 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 5.31 W/kg

SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 2.35 W/kg

Edge 1 Slant/802.11ac VHT80_Ch 122/Zoom Scan Main Ant. (7x7x12)/Cube 0: Measurement

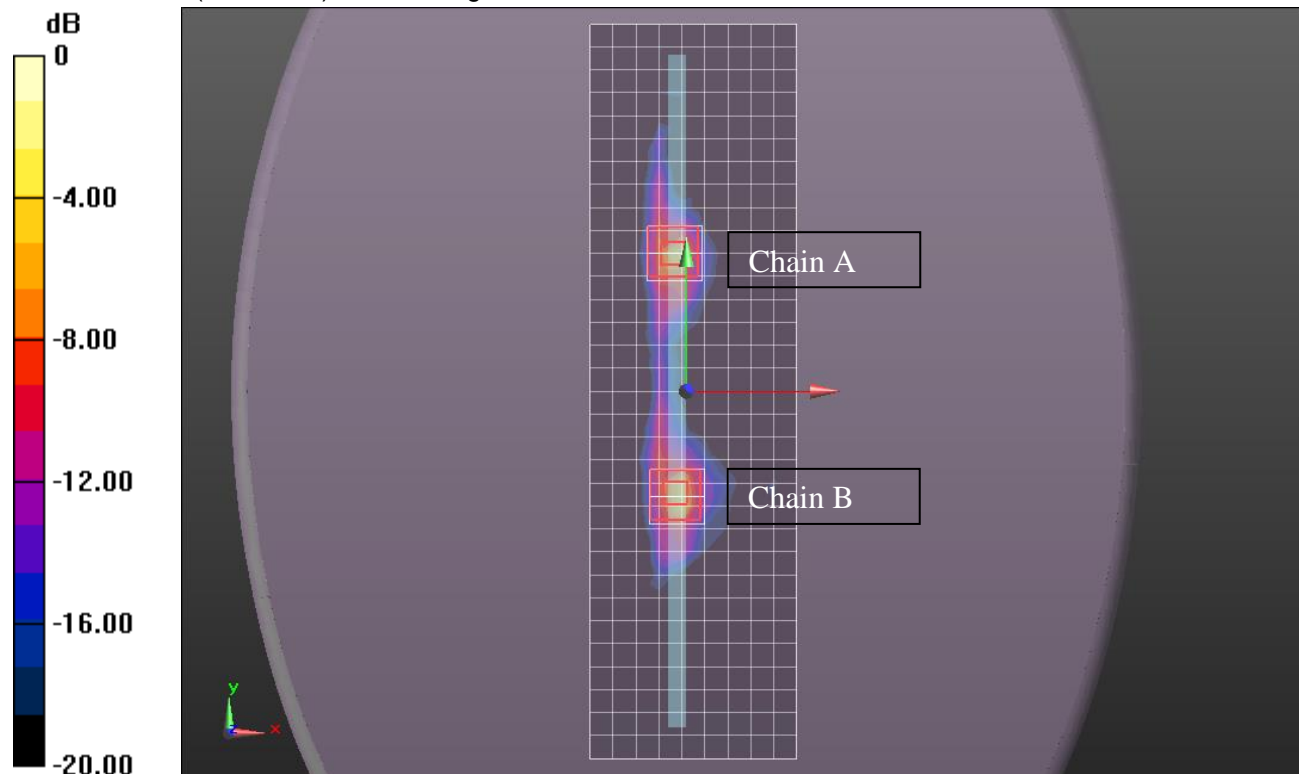
grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.021 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 5.13 W/kg

SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 2.28 W/kg



0 dB = 2.28 W/kg = 3.58 dBW/kg

Wi-Fi 5.8GHz

Frequency: 5795 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5795 \text{ MHz}$; $\sigma = 6.031 \text{ S/m}$; $\epsilon_r = 46.663$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1257; Calibrated: 9/15/2016
- Probe: EX3DV4 - SN3991; ConvF(4.03, 4.03, 4.03); Calibrated: 5/12/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Edge 1 Slant/802.11n HT40_Ch 159/Area Scan (10x33x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.20 W/kg

Edge 1 Slant/802.11n HT40_Ch 159/Zoom Scan Aux Ant. (7x7x12)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.251 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.17 W/kg

SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 1.69 W/kg

Edge 1 Slant/802.11n HT40_Ch 159/Zoom Scan Main Ant (7x7x12)/Cube 0: Measurement grid:

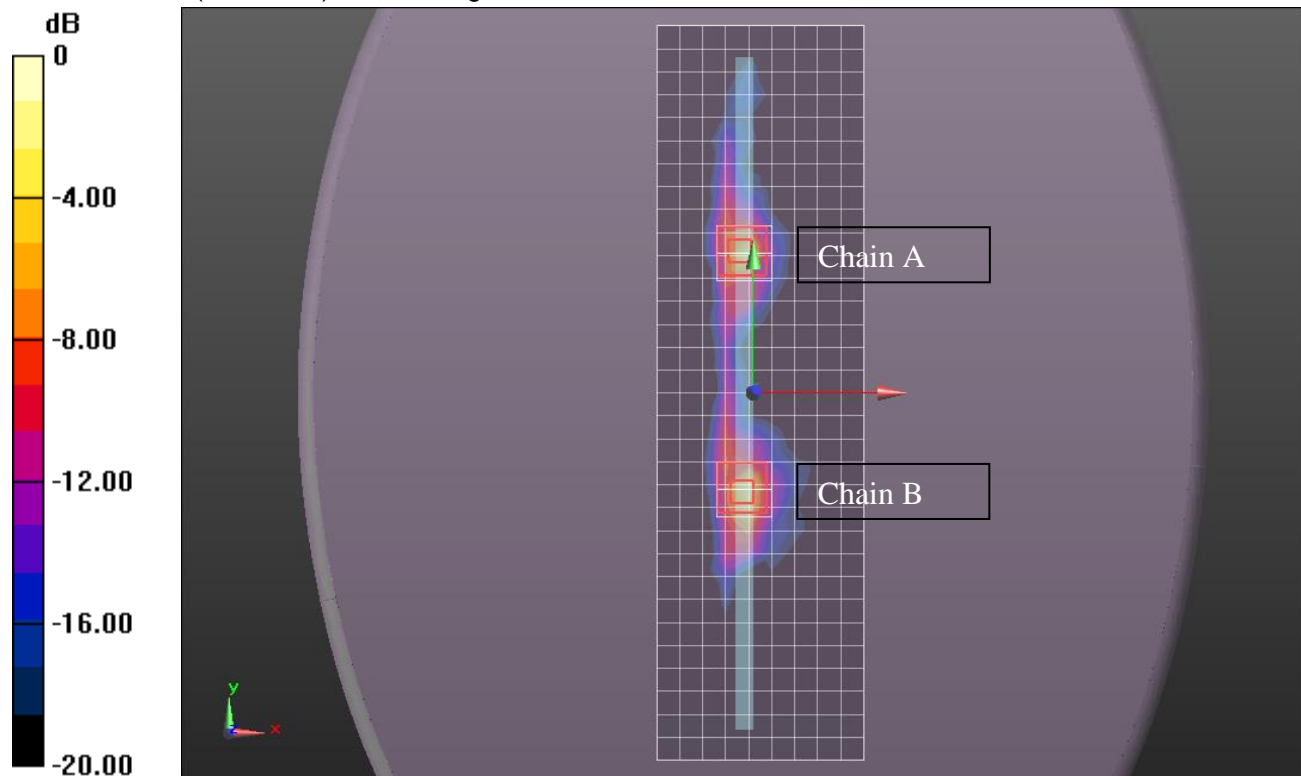
dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.251 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.72 W/kg

SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 2.05 W/kg



0 dB = 2.05 W/kg = 3.12 dBW/kg