

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 1_0mm_Ch6;Ant 1+2

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.012

Medium: MSL_2450_181206 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.985$ S/m; $\epsilon_r = 52.514$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(7.53, 7.53, 7.53); Calibrated: 2018/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Area Scan (51x281x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.04 W/kg

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

Reference Value = 14.32 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.356 W/kg

Maximum value of SAR (measured) = 1.83 W/kg

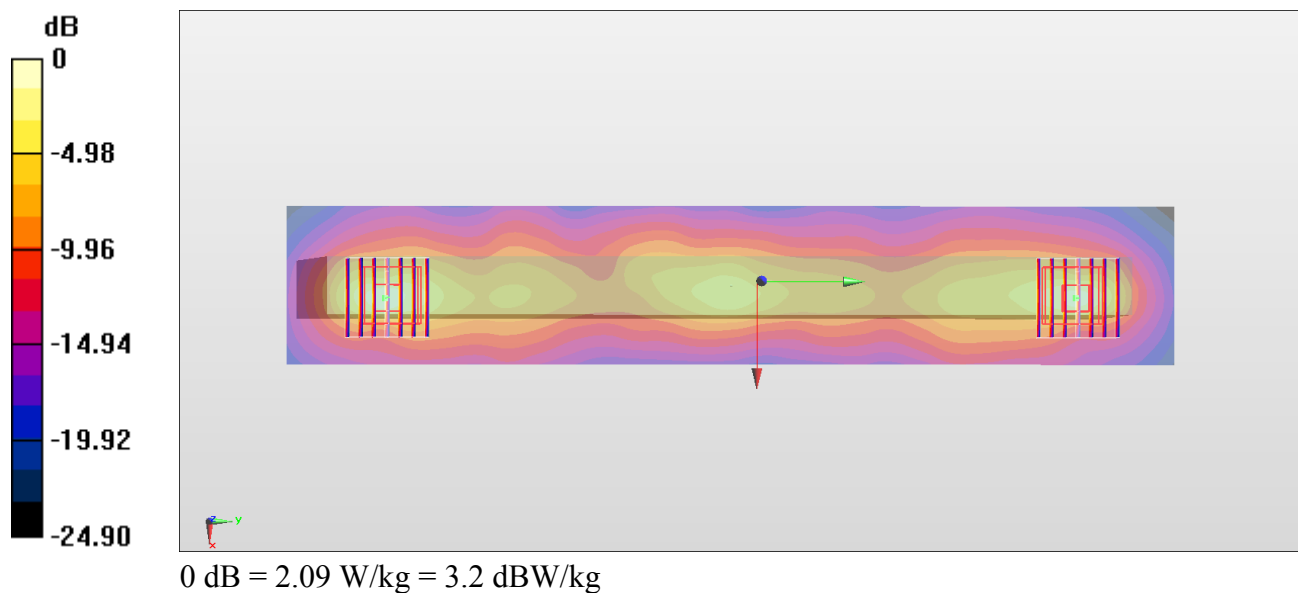
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.32 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.411 W/kg

Maximum value of SAR (measured) = 2.09 W/kg



#02_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch60;Ant 1+2

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.055

Medium: MSL_5G_181207 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.325$ S/m; $\epsilon_r = 47.787$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.8, 4.8, 4.8) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x301x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 7.22 W/kg

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

Reference Value = 7.963 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.575 W/kg

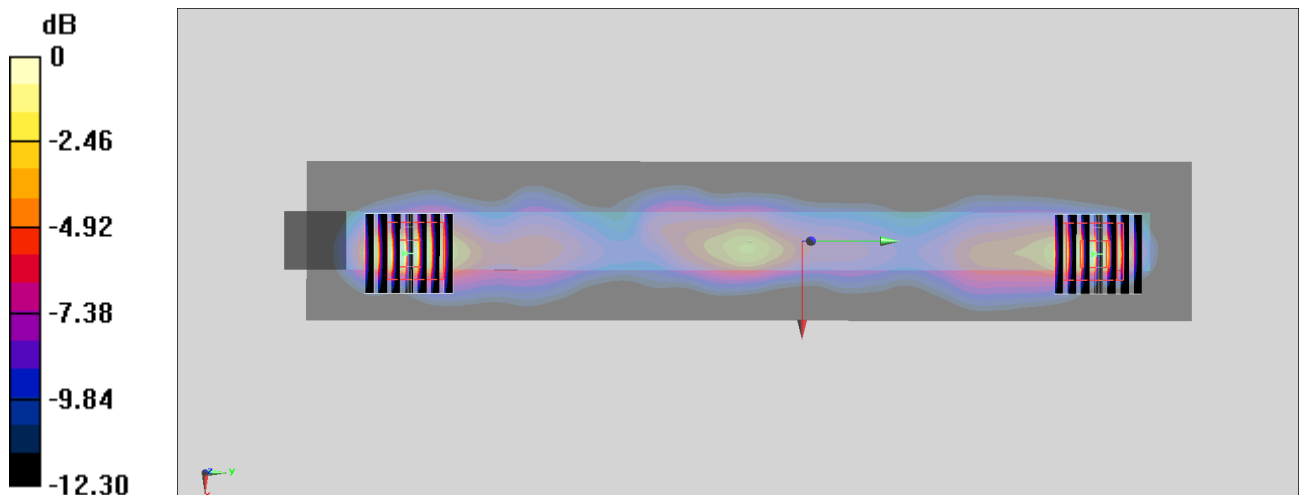
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.918 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.839 W/kg

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.512 W/kg



0 dB = 0.512 W/kg = -2.91 dBW/kg

#03_WLAN5GHz_802.11a 6Mbps_Edge 4_0mm_Ch132;Ant 2

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.055

Medium: MSL_5G_181207 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.789$ S/m; $\epsilon_r = 47.22$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.03, 4.03, 4.03) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (31x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.332 W/kg

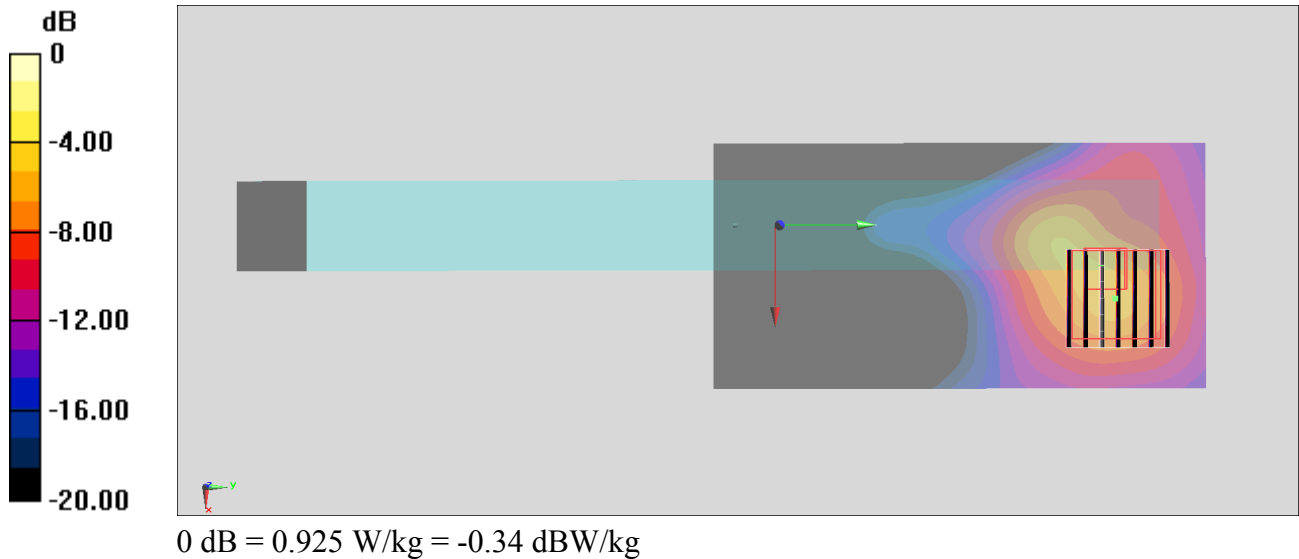
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.261 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.925 W/kg



#04_WLAN5GHz_802.11a 6Mbps_Edge 4_0mm_Ch165;Ant 2

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.055

Medium: MSL_5G_181207 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.008$ S/m; $\epsilon_r = 46.993$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.37, 4.37, 4.37) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.678 W/kg

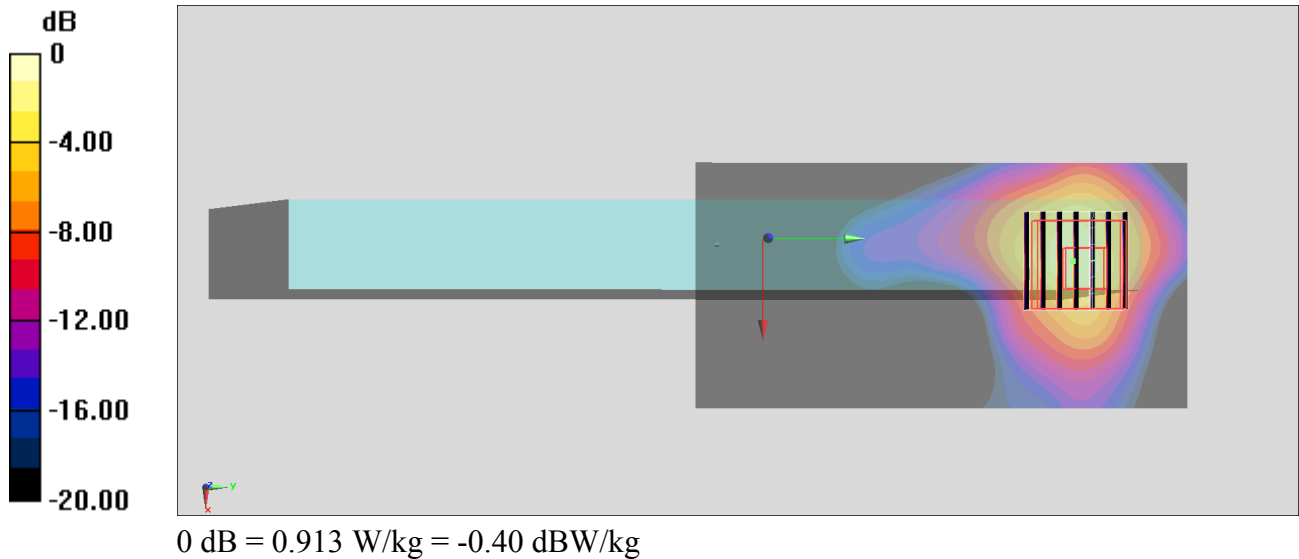
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.765 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.913 W/kg



#05_Bluetooth_1 Mbps_Edge 1_0mm_Ch39;Ant 2

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.313

Medium: MSL_2450_181207 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 51.807$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.75, 7.75, 7.75) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0305 W/kg

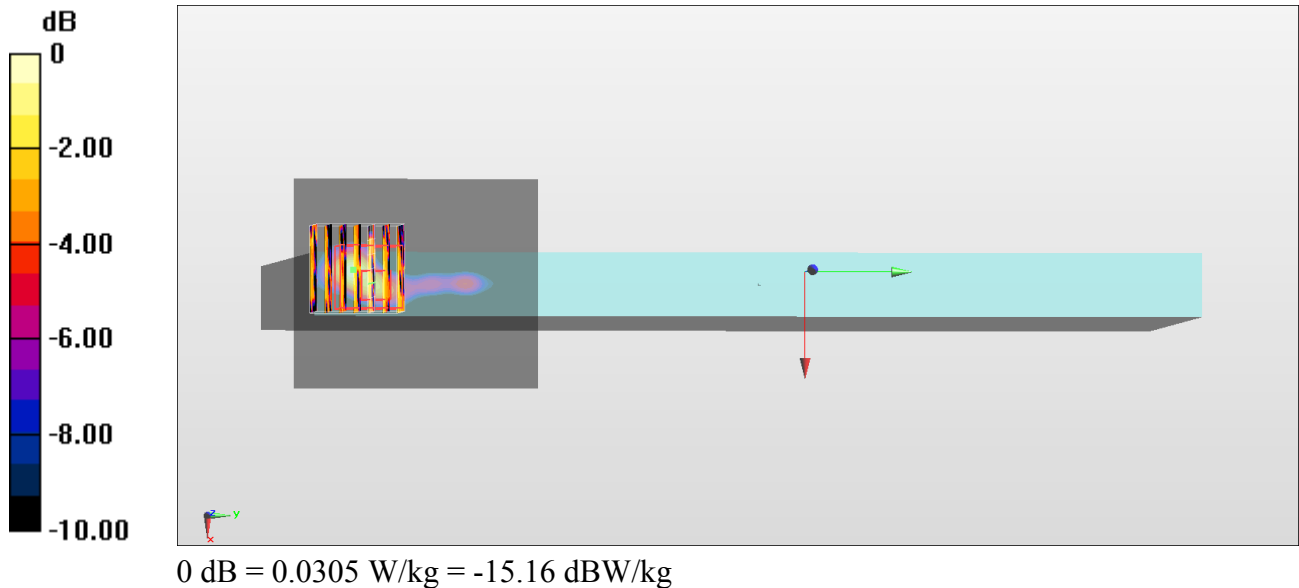
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.082 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0340 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00324 W/kg

Maximum value of SAR (measured) = 0.0233 W/kg



#06_WLAN2.4GHz_802.11b 1Mbps_Edge 1_0mm_Ch6;Ant 1+2

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.012

Medium: MSL_2450_181213 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.999$ S/m; $\epsilon_r = 51.318$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.75, 7.75, 7.75) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x261x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.12 W/kg

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

Reference Value = 16.93 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.06 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.493 W/kg

Maximum value of SAR (measured) = 2.22 W/kg

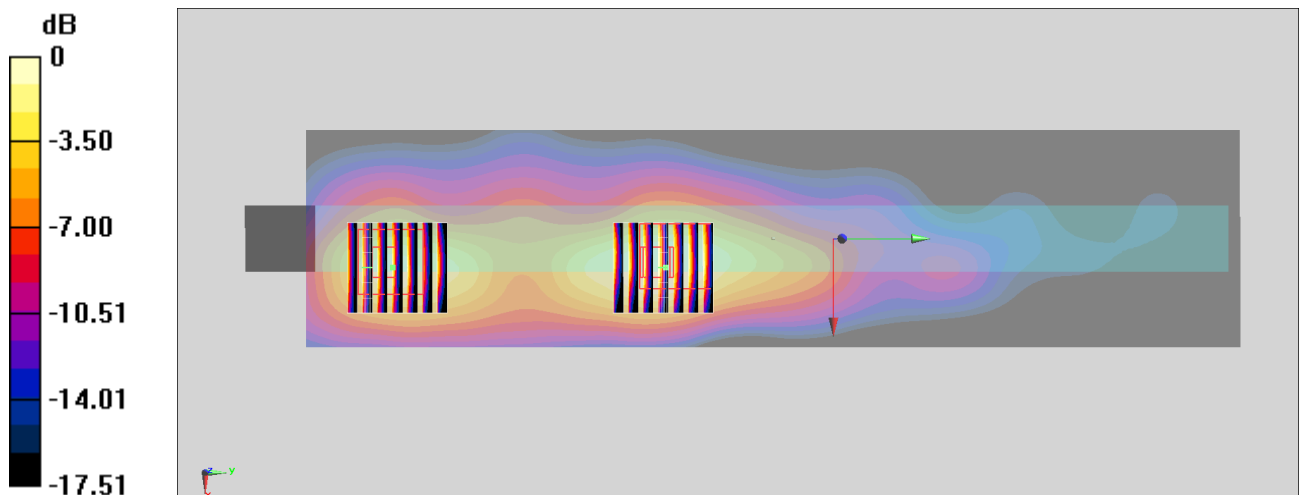
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.72 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.298 W/kg

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

#07_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch60;Ant 1+2

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.055

Medium: MSL_5G_181215 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.308$ S/m; $\epsilon_r = 47.127$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.8, 4.8, 4.8) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x321x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.49 W/kg

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

Reference Value = 9.349 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.71 W/kg

SAR(1 g) = 0.637 W/kg; SAR(10 g) = 0.203 W/kg

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

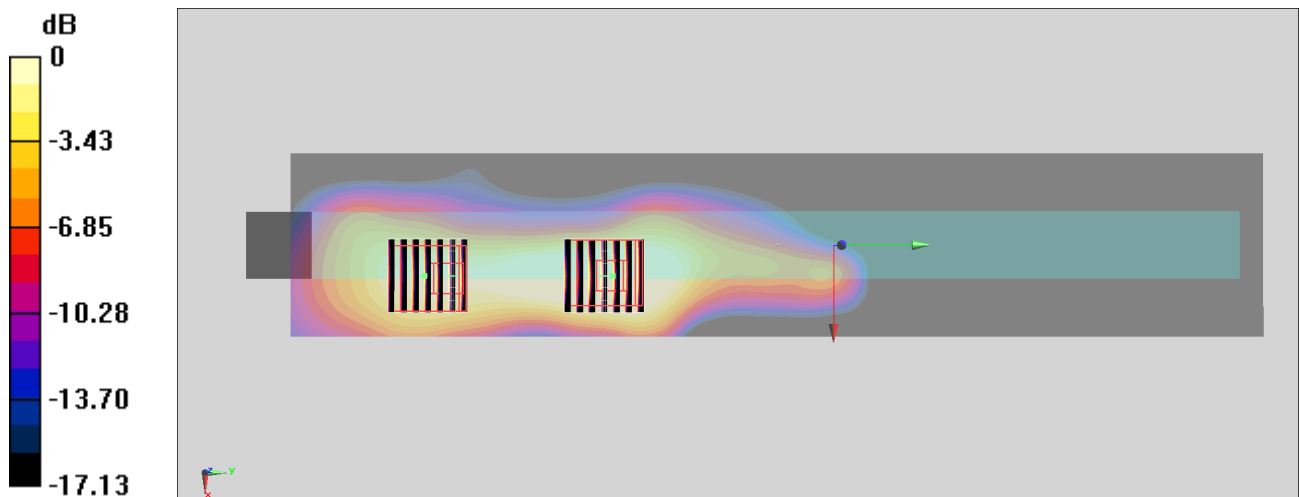
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.05 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.131 W/kg

Maximum value of SAR (measured) = 0.905 W/kg



0 dB = 0.905 W/kg = -0.43 dBW/kg

#08_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch100;Ant 1+2

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.055

Medium: MSL_5G_181215 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.55$ S/m; $\epsilon_r = 46.787$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.03, 4.03, 4.03) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x321x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

Reference Value = 10.43 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.222 W/kg

Maximum value of SAR (measured) = 1.88 W/kg

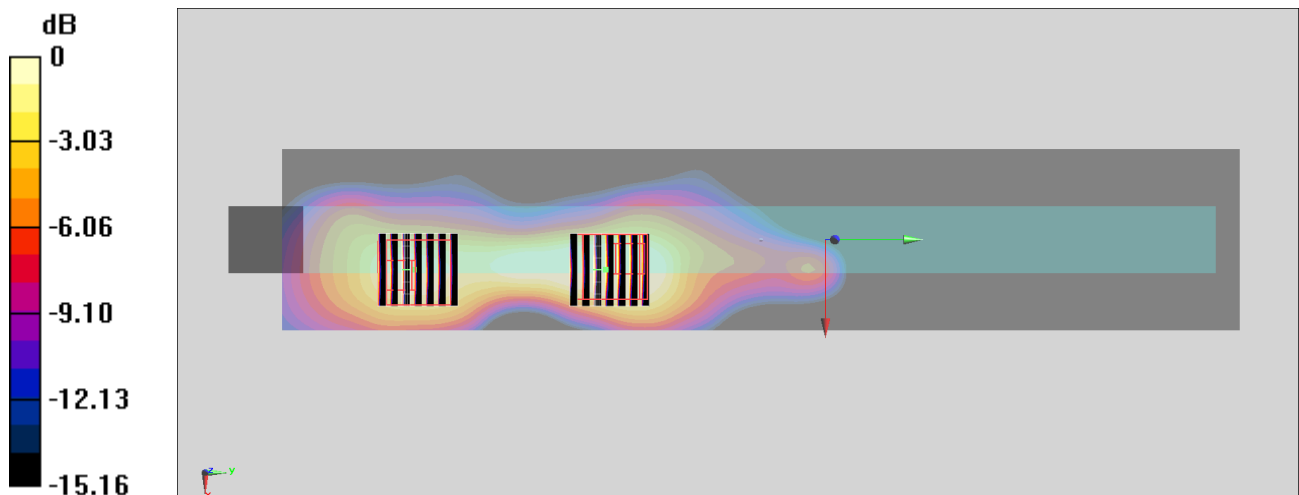
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.07 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 1.47 W/kg



#09_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch165;Ant 1+2

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.055

Medium: MSL_5G_181215 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.021$ S/m; $\epsilon_r = 46.263$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.37, 4.37, 4.37) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x321x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.90 W/kg

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

Reference Value = 6.727 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.904 W/kg

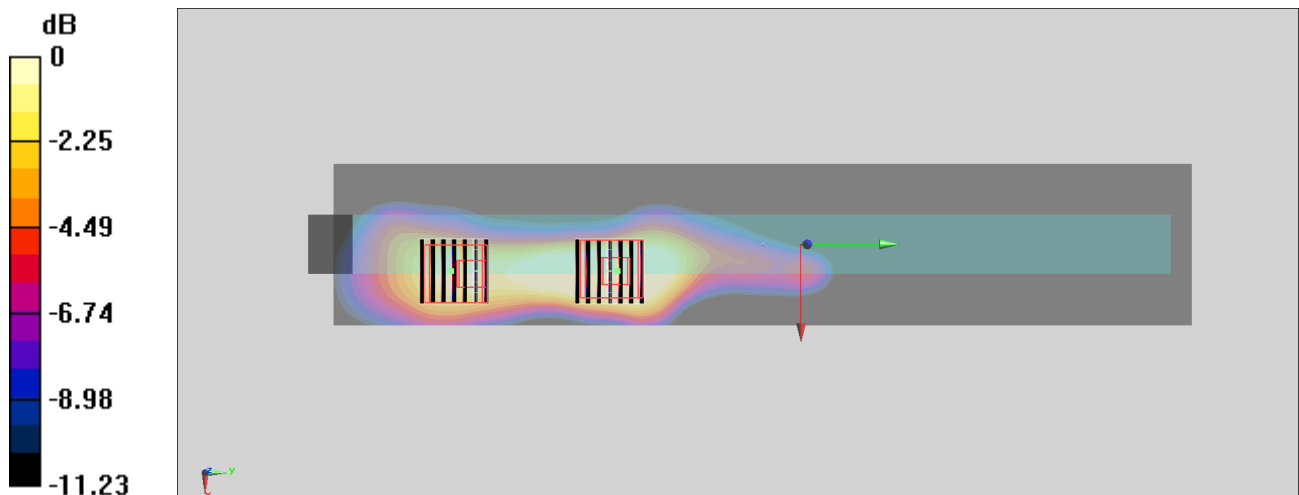
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.877 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

#10_Bluetooth_1 Mbps_Edge 1_0mm_Ch39;Ant 2

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.313

Medium: MSL_2450_181213 Medium parameters used : $f = 2441$ MHz; $\sigma = 2.004$ S/m; $\epsilon_r = 51.304$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.75, 7.75, 7.75) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x71x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0314 W/kg

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

Reference Value = 1.082 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0350 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00333 W/kg

Maximum value of SAR (measured) = 0.0240 W/kg

