

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 4_0cm_Ch11;Ant A

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.010

Medium: MSL_2450_141130 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.036$ S/m; $\epsilon_r = 51.02$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.36, 7.36, 7.36); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch11/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.454 W/kg

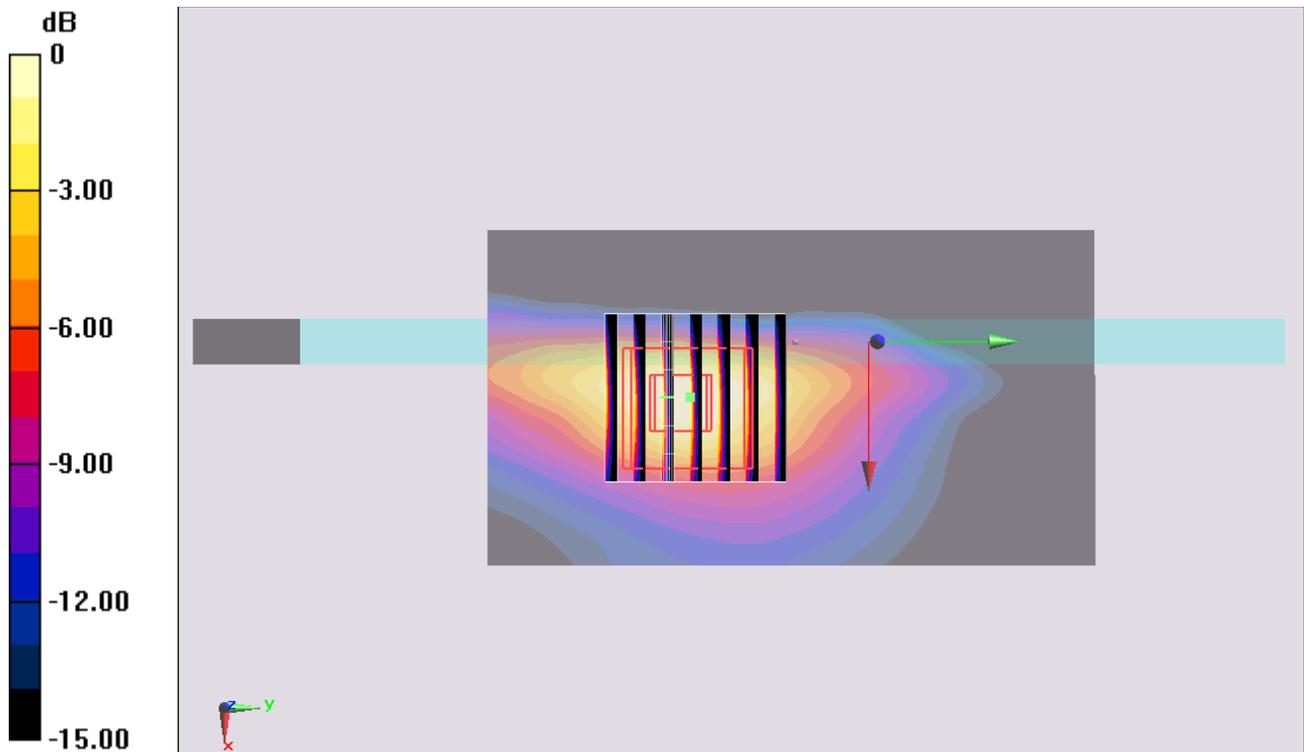
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.934 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.622 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.118 W/kg

Maximum value of SAR (measured) = 0.434 W/kg



0 dB = 0.434 W/kg = -3.63 dBW/kg

#02_WLAN5GHz_802.11a 6Mbps_Edge 4_0cm_Ch48;Ant A

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1.038

Medium: MSL_5G_141129 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.311$ S/m; $\epsilon_r = 47.37$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.53, 4.53, 4.53); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch48/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 2.25 W/kg

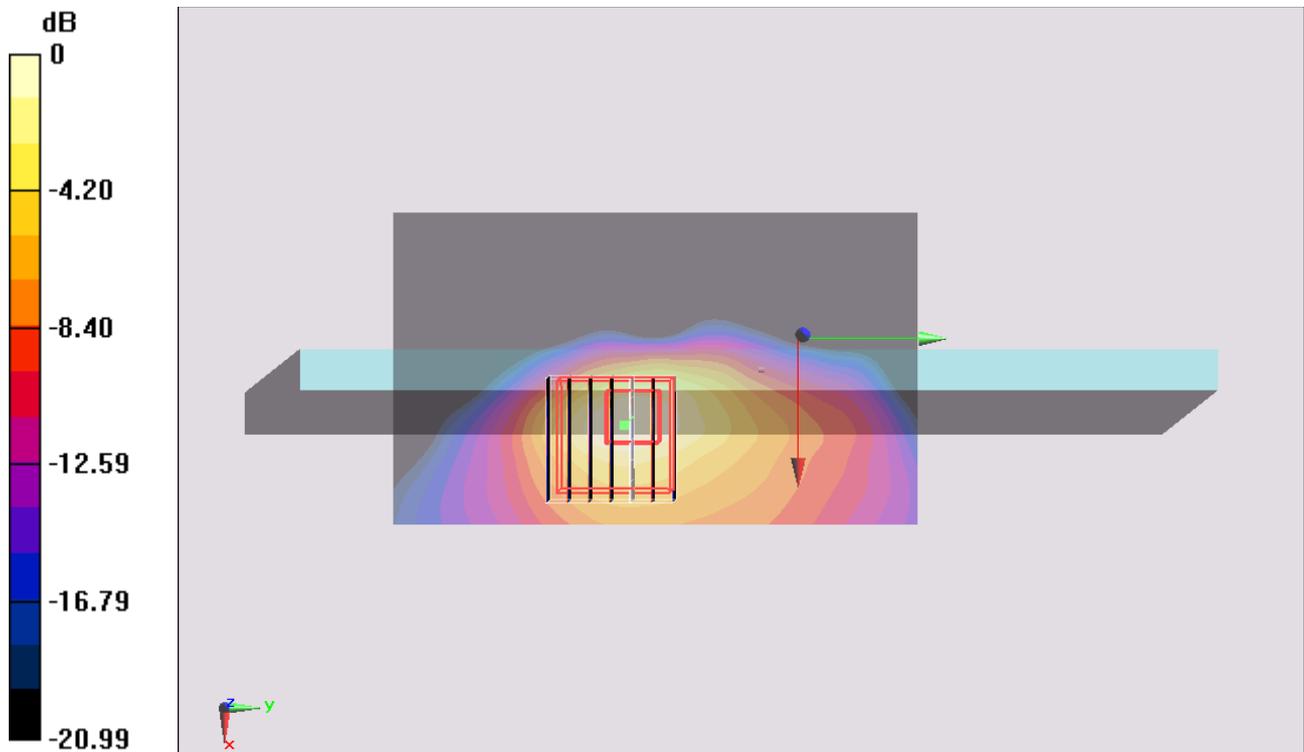
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.693 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.69 W/kg

SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.275 W/kg

Maximum value of SAR (measured) = 2.08 W/kg



0 dB = 2.08 W/kg = 3.18 dBW/kg

#03_WLAN5GHz_802.11a 6Mbps_Edge 4_0cm_Ch52;Ant A

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.038

Medium: MSL_5G_141129 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.339$ S/m; $\epsilon_r = 47.318$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.36, 4.36, 4.36); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch52/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.13 W/kg

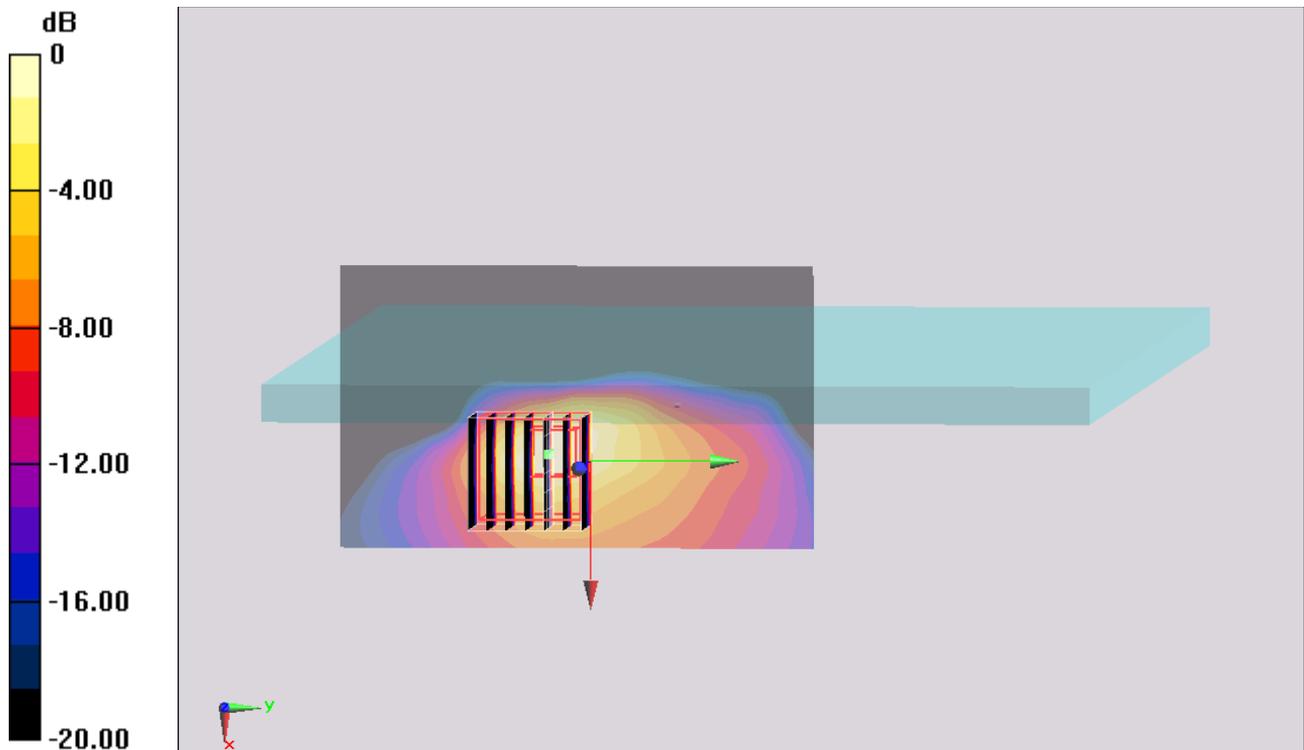
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.670 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.52 W/kg

SAR(1 g) = 0.862 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 2.13 W/kg



0 dB = 2.13 W/kg = 3.28 dBW/kg

#04_WLAN5GHz_802.11n-HT20 MCS8_Edge 4_0cm_Ch112;Ant A+B

Communication System: 802.11n; Frequency: 5560 MHz; Duty Cycle: 1:1.101

Medium: MSL_5G_141129 Medium parameters used: $f = 5560$ MHz; $\sigma = 5.771$ S/m; $\epsilon_r = 46.874$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.12, 4.12, 4.12); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch112/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Configuration/Ch112/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,

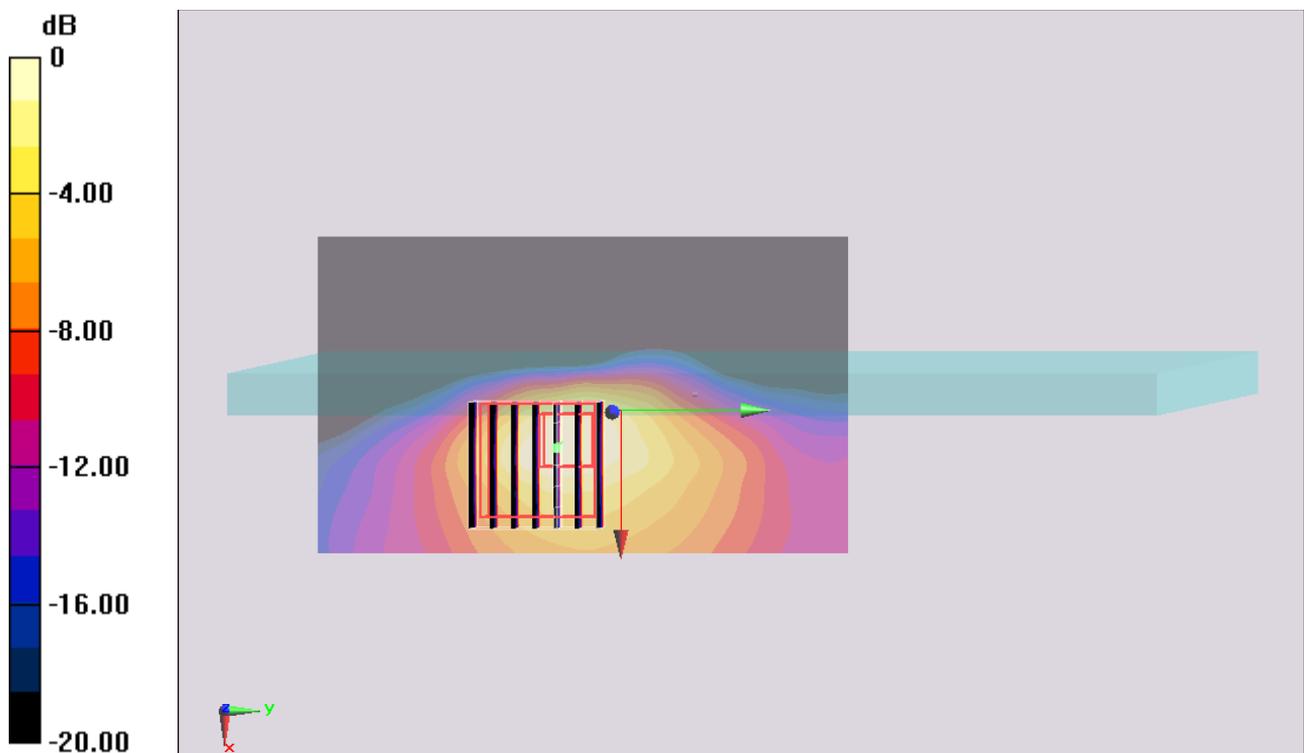
dz=1.4mm

Reference Value = 17.253 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.62 W/kg

SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.200 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

#05_WLAN5GHz_802.11n-HT20 MCS8_Edge 2_0cm_Ch165;Ant A+B

Communication System: 802.11n ; Frequency: 5825 MHz;Duty Cycle: 1:1.101

Medium: MSL_5G_141129 Medium parameters used : $f = 5825 \text{ MHz}$; $\sigma = 6.245 \text{ S/m}$; $\epsilon_r = 46.374$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.09, 4.09, 4.09); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch165/Area Scan (81x141x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 1.10 W/kg

Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,

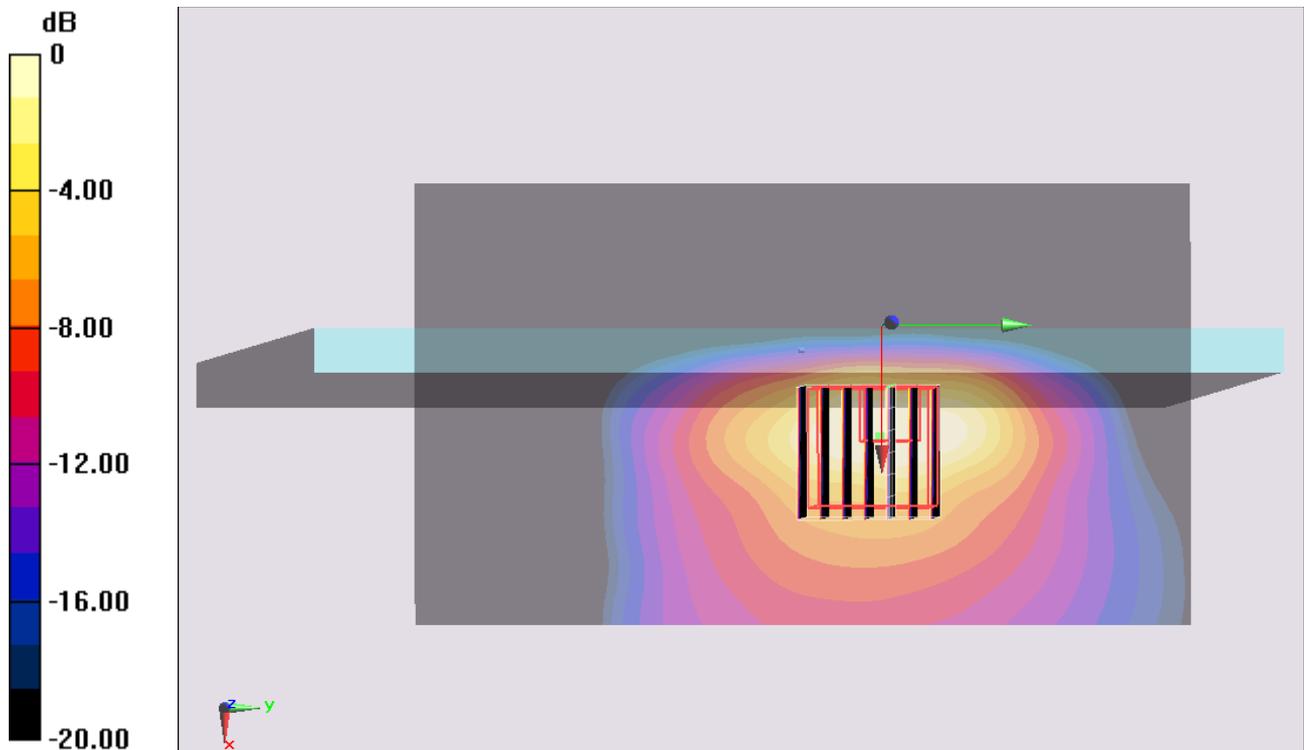
$dz=1.4\text{mm}$

Reference Value = 10.500 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.311 W/kg ; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.865 W/kg



0 dB = 0.865 W/kg = -0.63 dBW/kg