

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 2_0mm_Ch11;Ant 2

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.014

Medium: MSL_2450_190117 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.04$ S/m; $\epsilon_r = 52.141$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7375;ConvF(7.81, 7.81, 7.81) ;Calibrated: 2018/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2018/12/11
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.33 W/kg

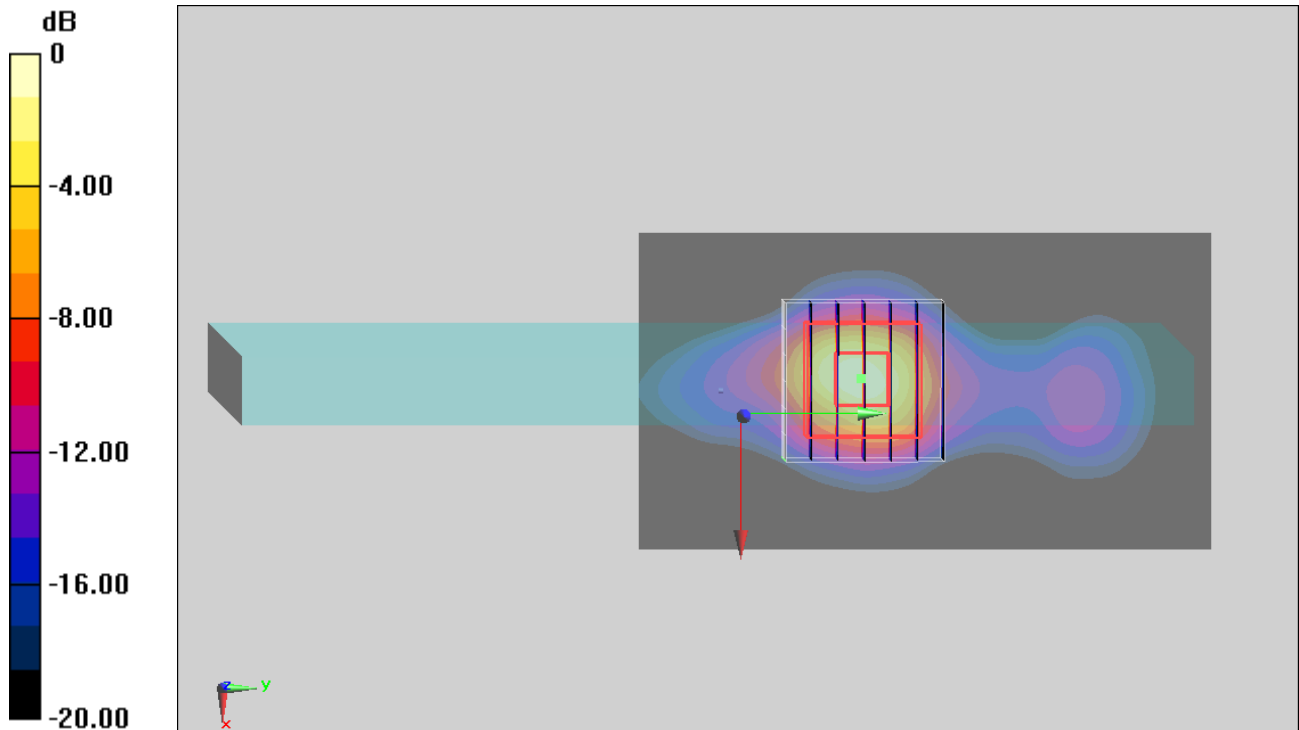
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.98 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.70 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.416 W/kg

Maximum value of SAR (measured) = 2.14 W/kg



#02_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 2_0mm_Ch58;Ant 1

Communication System: 802.11ac ; Frequency: 5290 MHz;Duty Cycle: 1:1.079

Medium: MSL_5G_190117 Medium parameters used : $f = 5290$ MHz; $\sigma = 5.416$ S/m; $\epsilon_r = 48.896$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7375;ConvF(4.65, 4.65, 4.65) ;Calibrated: 2018/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2018/12/11
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

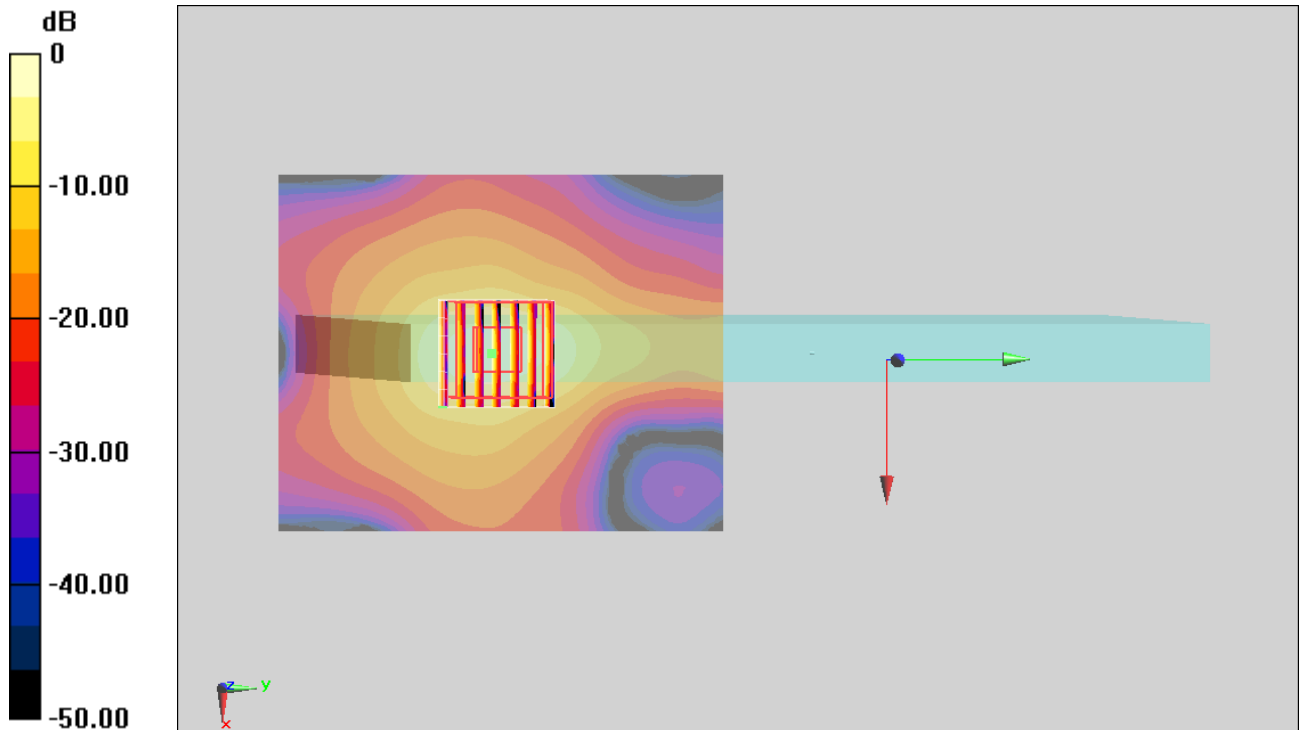
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.02 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.66 W/kg

SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (measured) = 2.17 W/kg



0 dB = 2.17 W/kg = 3.36 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 2_0mm_Ch106;Ant 2

Communication System: 802.11ac ; Frequency: 5530 MHz;Duty Cycle: 1:1.075

Medium: MSL_5G_190118 Medium parameters used : $f = 5530$ MHz; $\sigma = 5.641$ S/m; $\epsilon_r = 48.447$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7375;ConvF(4, 4, 4) ;Calibrated: 2018/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2018/12/11
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 2.75 W/kg

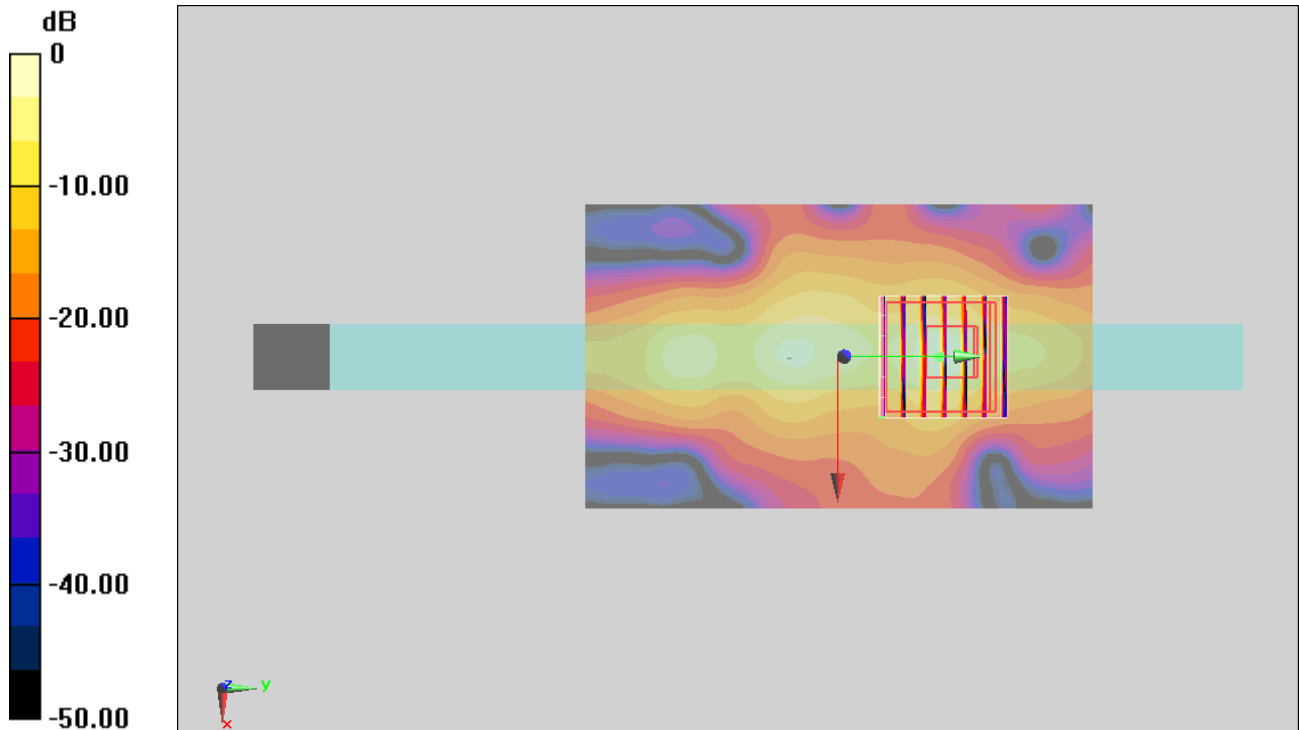
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.48 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 5.04 W/kg

SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.200 W/kg

Maximum value of SAR (measured) = 2.70 W/kg



0 dB = 2.70 W/kg = 4.31 dBW/kg

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 2_0mm_Ch155;Ant 1

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.079

Medium: MSL_5G_190117 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.938$ S/m; $\epsilon_r = 48.223$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7375;ConvF(4.27, 4.27, 4.27) ;Calibrated: 2018/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2018/12/11
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.16 W/kg

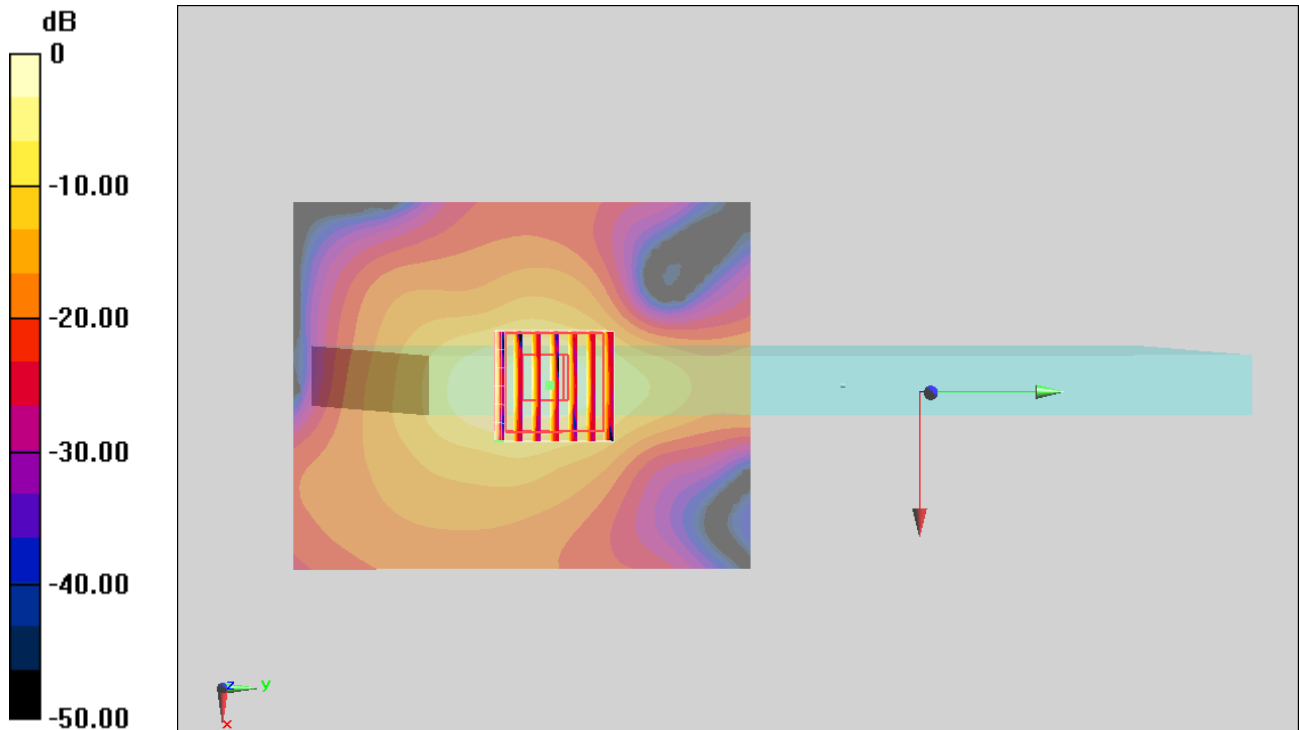
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.64 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 4.30 W/kg

SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (measured) = 2.34 W/kg



0 dB = 2.34 W/kg = 3.69 dBW/kg

#05_Bluetooth_1Mbps_Edge 2_0mm_Ch78;Ant 2

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.297

Medium: MSL_2450_190117 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.065$ S/m; $\epsilon_r = 52.071$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7375; ConvF(7.81, 7.81, 7.81) ; Calibrated: 2018/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2018/12/11
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.736 W/kg

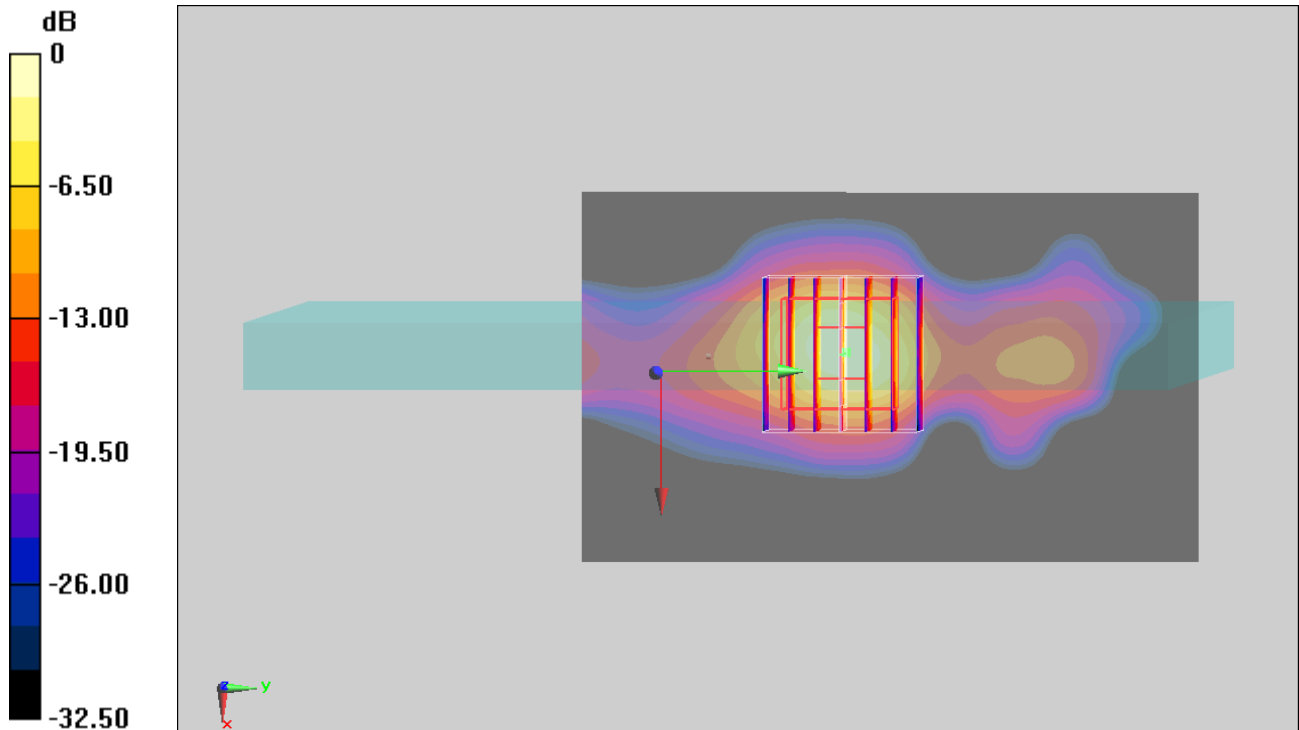
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.01 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.904 W/kg

SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.689 W/kg



0 dB = 0.689 W/kg = -1.62 dBW/kg