

#01_WLAN2.4GHz_802.11b 1Mbps_Back_0.5cm_Ch6;Ant0_degree0

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

Medium: MSL_2450_140925 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.985$ S/m; $\epsilon_r = 53.972$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3873; ConvF(7.13, 7.13, 7.13); Calibrated: 2014/8/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch6/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 2.11 W/kg

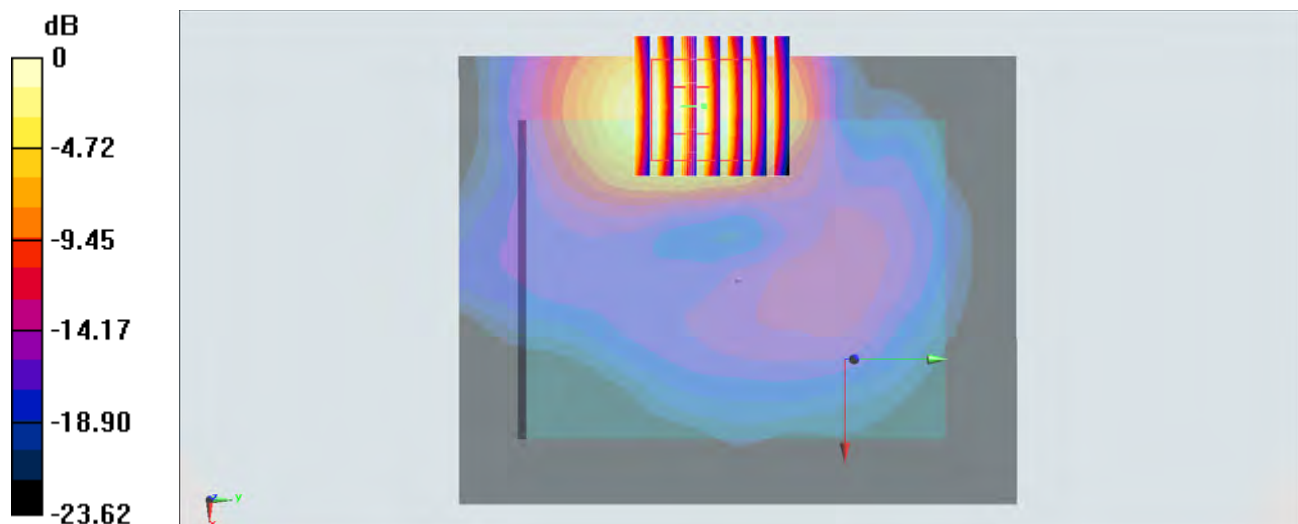
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.248 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.79 W/kg

SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.664 W/kg

Maximum value of SAR (measured) = 2.01 W/kg



0 dB = 2.01 W/kg = 3.03 dBW/kg

#02_WLAN5GHz_802.11n-HT40 MCS0_Back_0.5cm_Ch38;Ant0_degree180

Communication System: 802.11n ; Frequency: 5190 MHz;Duty Cycle: 1:1

Medium: MSL_5G_140925 Medium parameters used : $f = 5190$ MHz; $\sigma = 5.422$ S/m; $\epsilon_r = 47.396$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(4.52, 4.52, 4.52); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch38/Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.67 W/kg

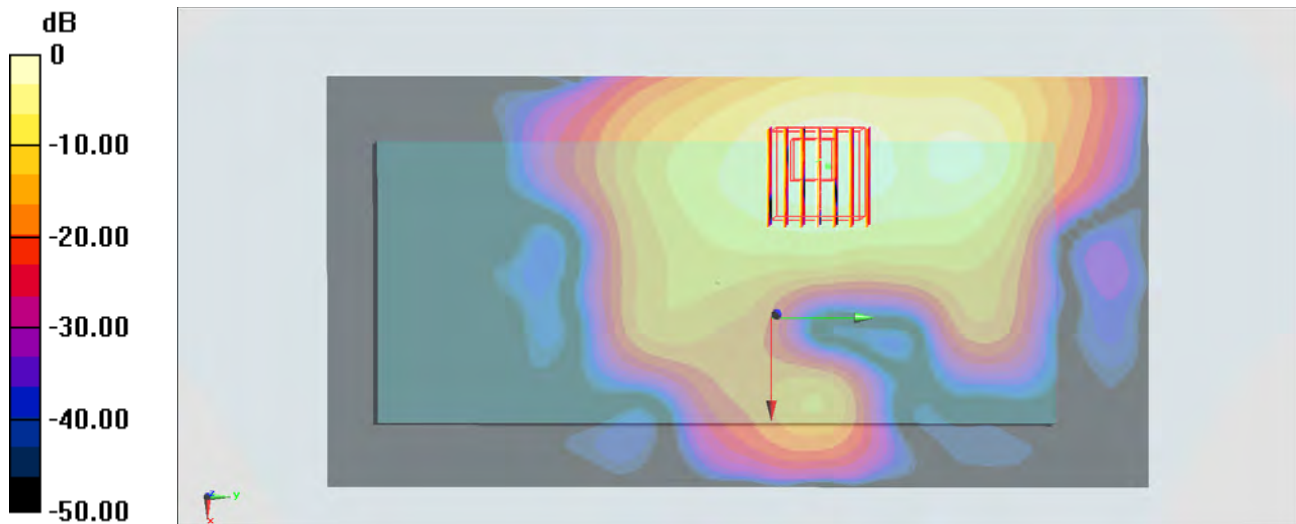
Configuration/Ch38/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.097 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.65 W/kg

SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0.5cm_Ch58;Ant0_degree180

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

Medium: MSL_5G_140925 Medium parameters used : $f = 5290$ MHz; $\sigma = 5.546$ S/m; $\epsilon_r = 47.127$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(4.28, 4.28, 4.28); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch58/Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

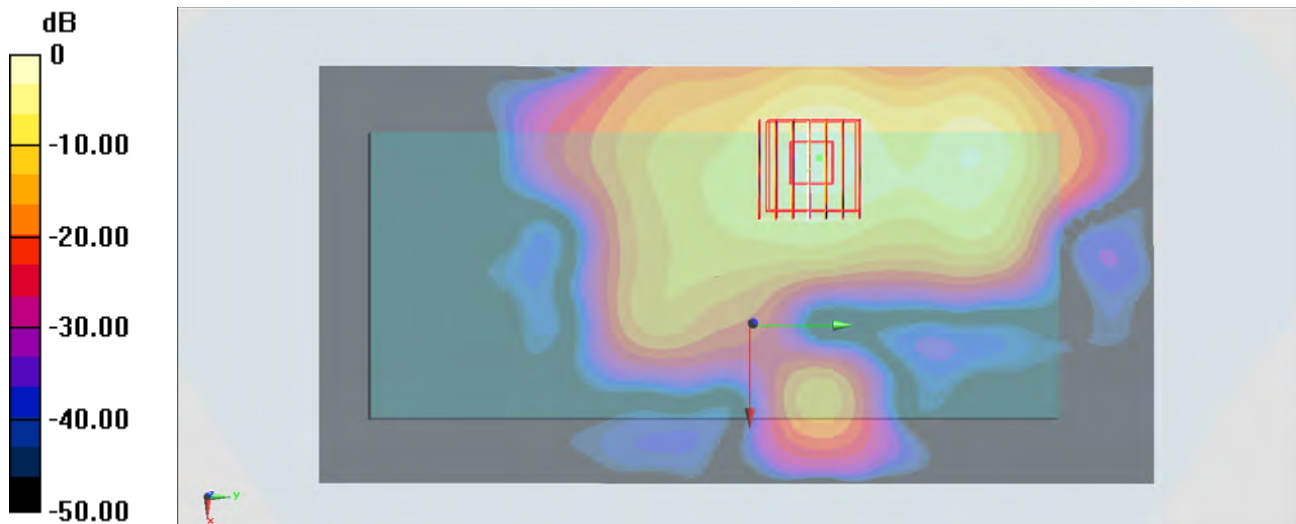
Configuration/Ch58/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.075 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.222 W/kg

Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

#04_WLAN5GHz_802.11a 6Mbps_Back_0.5cm_Ch136;Ant0_degree0

Communication System: 802.11a ; Frequency: 5680 MHz;Duty Cycle: 1:1

Medium: MSL_5G_140926 Medium parameters used: $f = 5680$ MHz; $\sigma = 6.003$ S/m; $\epsilon_r = 47.919$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(3.97, 3.97, 3.97); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch136/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.72 W/kg

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.426 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.51 W/kg

SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 1.95 W/kg

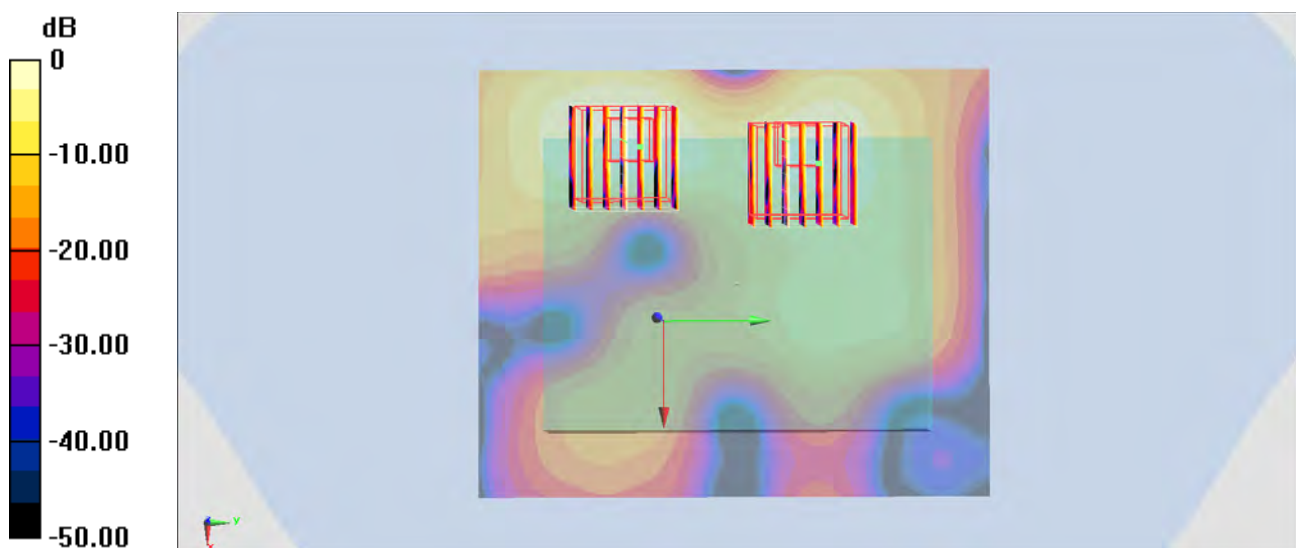
Configuration/Ch136/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.426 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.94 W/kg

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

#05_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0.5cm_Ch155;Ant0_degree0

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

Medium: MSL_5G_140925 Medium parameters used : $f = 5775$ MHz; $\sigma = 6.199$ S/m; $\epsilon_r = 46.461$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(4.08, 4.08, 4.08); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch155/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

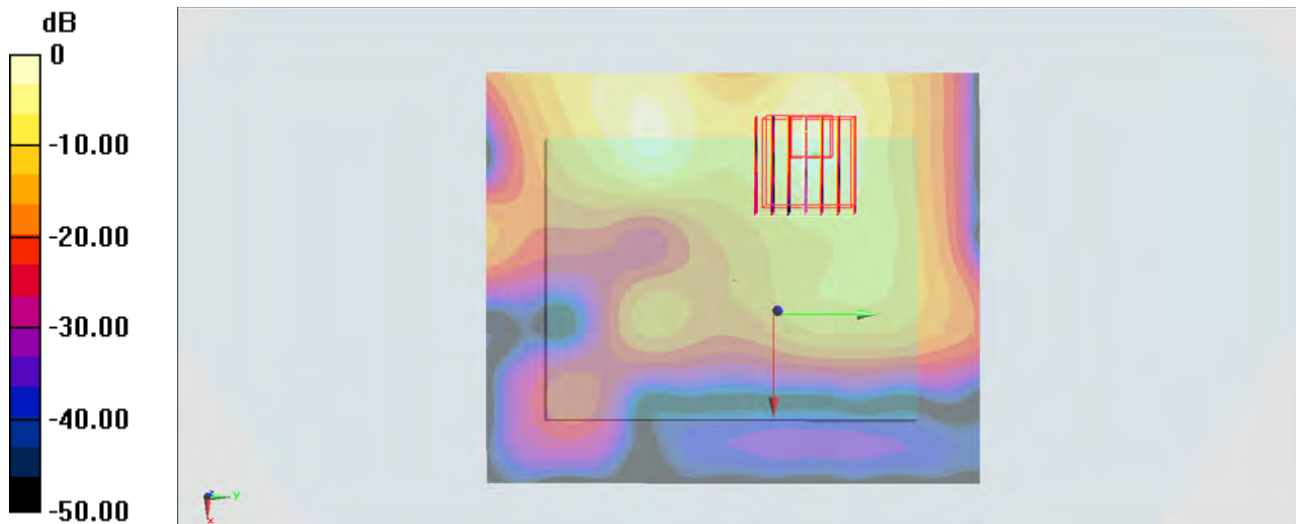
Configuration/Ch155/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.968 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.95 W/kg

SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg