

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 1_0mm_Ch6

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

Medium: MSL_2450_160220 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 53.768$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI 4.0_Right; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch6/Area Scan (51x81x1): Measurement grid: dx=12mm, dy=12mm

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

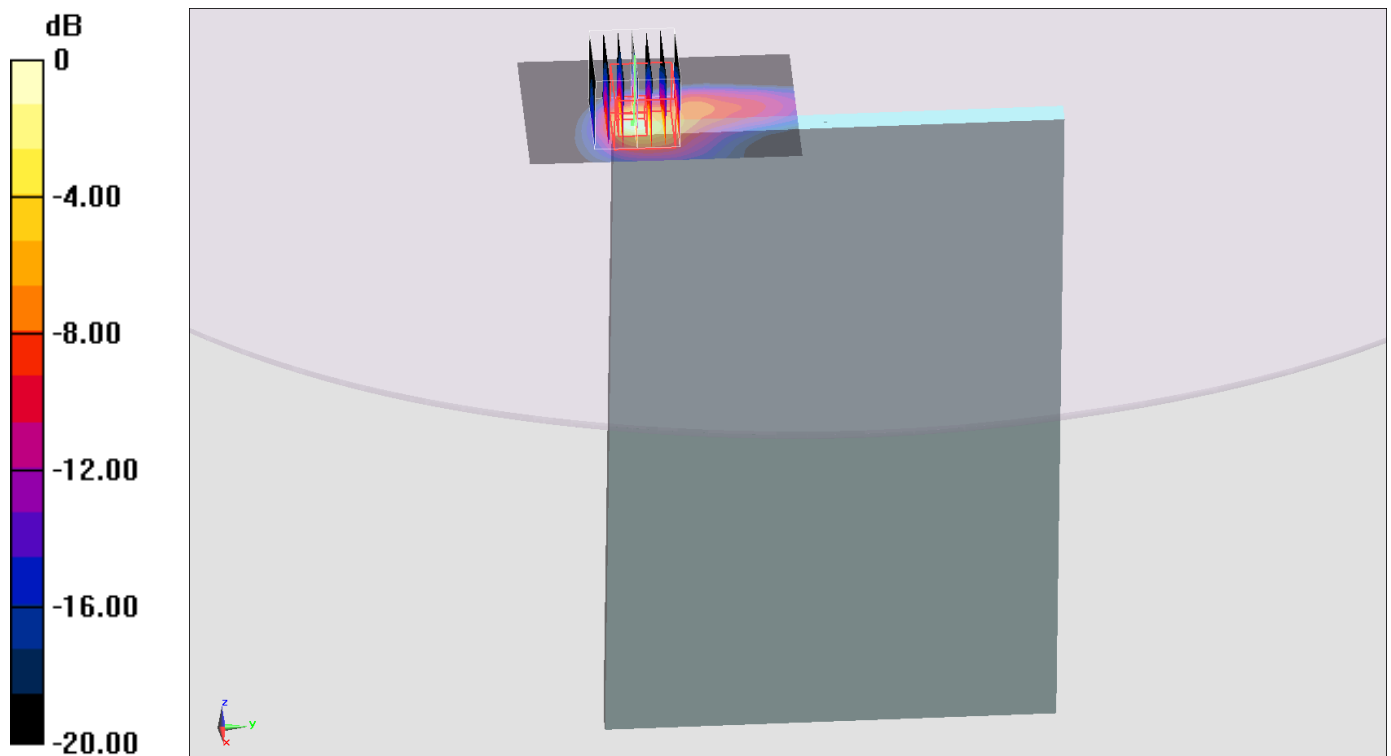
Configuration/Ch6/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.873 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.375 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.418 W/kg

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



0 dB = 2.33 W/kg = 3.67 dBW/kg

#02_WLAN5GHz_802.11n-HT40 MCS0_Edge 1_0mm_Ch46

Communication System: 802.11n; Frequency: 5230 MHz; Duty Cycle: 1:1.022

Medium: MSL_5G_160222 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.422$ S/m; $\epsilon_r = 46.997$; $\rho = 1000$ kg/m³

Ambient Temperature : 23 °C ; Liquid Temperature : 22 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch46/Area Scan (41x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.30 W/kg

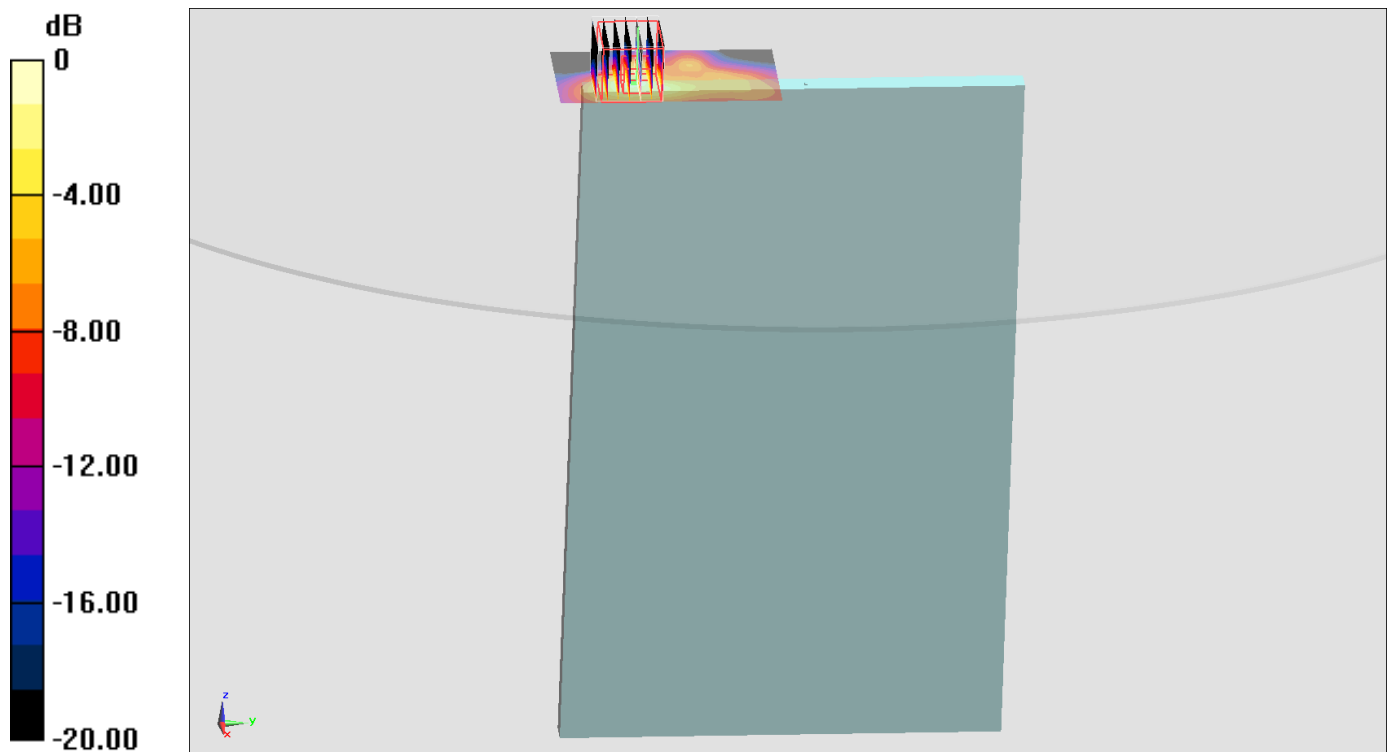
Configuration/Ch46/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.75 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 4.21 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.370 W/kg

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



#03_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 1_0mm_Ch155

Communication System: 802.11ac ; Frequency: 5775 MHz; Duty Cycle: 1:1.045

Medium: MSL_5G_160222 Medium parameters used: $f = 5775$ MHz; $\sigma = 6.106$ S/m; $\epsilon_r = 46.188$; $\rho = 1000$ kg/m³

Ambient Temperature : 23 °C ; Liquid Temperature : 22 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(3.98, 3.98, 3.98); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch155/Area Scan (41x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.40 W/kg

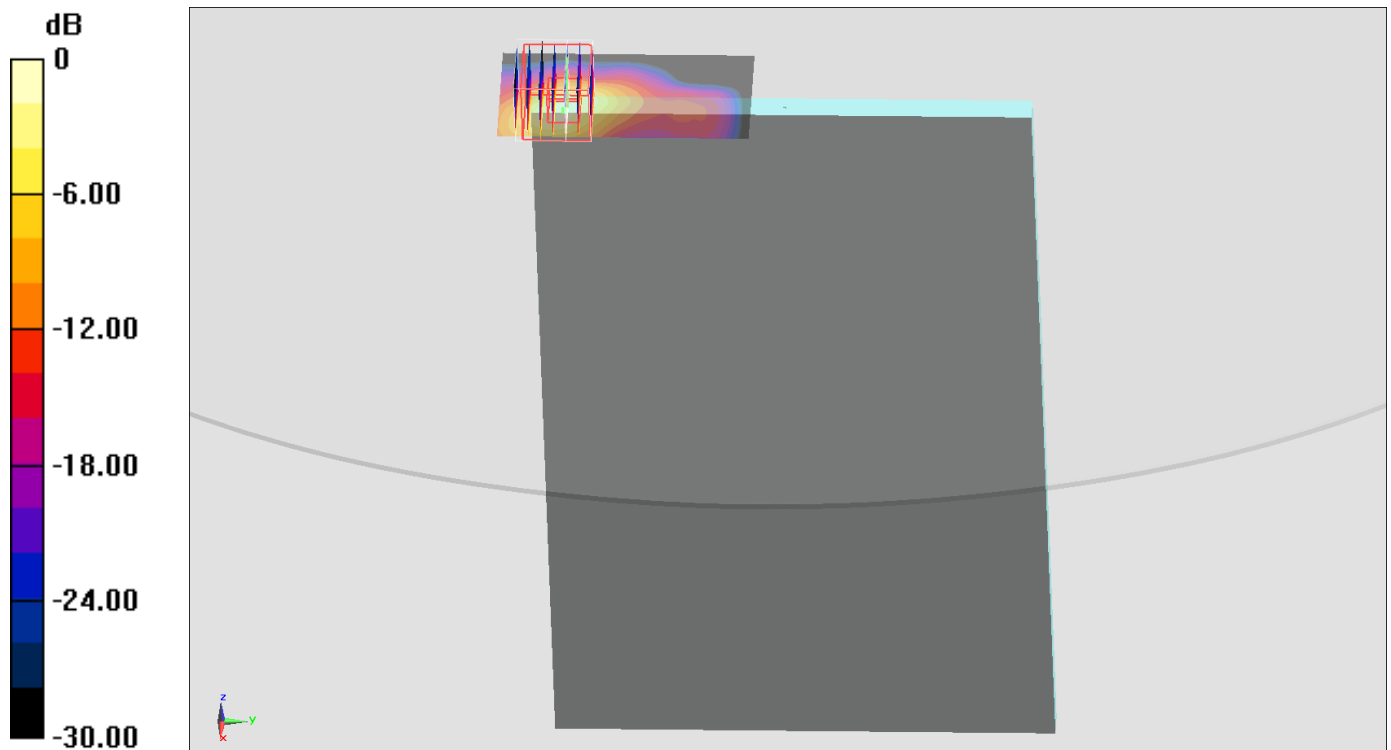
Configuration/Ch155/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.49 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 5.36 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 3.00 W/kg



0 dB = 3.00 W/kg = 4.77 dBW/kg

#04_Bluetooth_1Mbps_Bottom Face_0mm_Ch78

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: MSL_2450_160220 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.024$ mho/m; $\epsilon_r = 53.603$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI 4.0_Right; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch78/Area Scan (71x51x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0434 mW/g

Configuration/Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.950 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.036 mW/g

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00497 mW/g

Maximum value of SAR (measured) = 0.0271 mW/g

