

#01_UHF RFID_ASK_Front_35mm_927.25MHz

Communication System: RFID; Frequency: 927.25 MHz; Duty Cycle: 1:1

Medium: HSL_900_191007 Medium parameters used : $f = 927.25$ MHz; $\sigma = 0.996$ S/m; $\epsilon_r = 40.881$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3170; ConvF(6.29, 6.29, 6.29) @ 927.25 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.71 W/kg

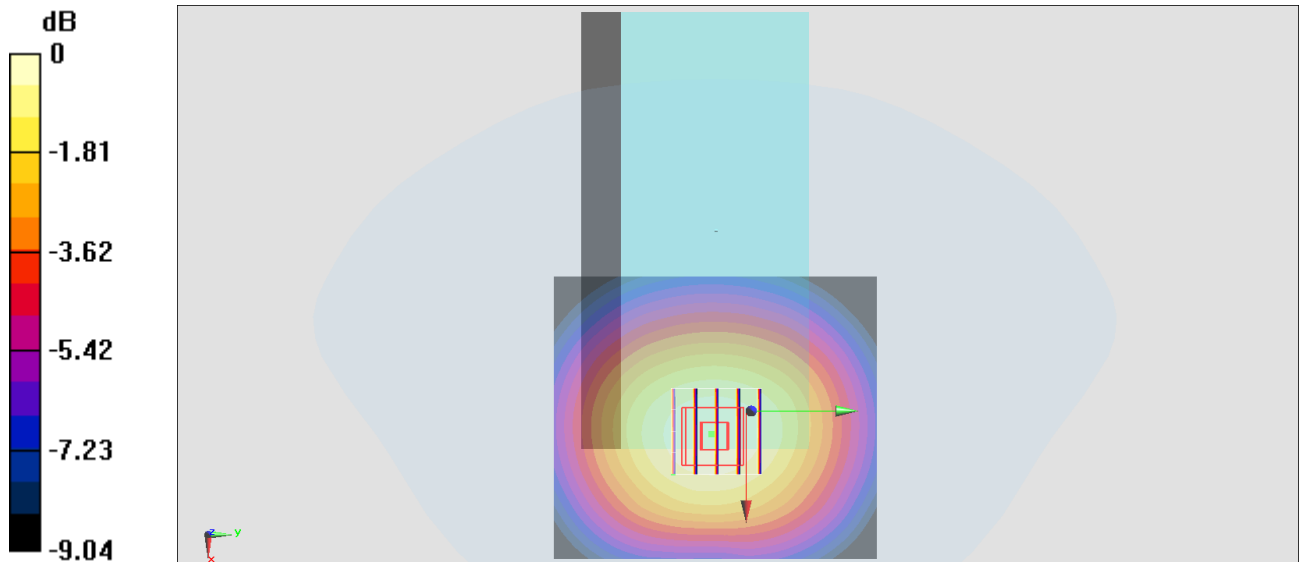
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.59 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.74 W/kg

Maximum value of SAR (measured) = 2.71 W/kg



0 dB = 2.71 W/kg = 4.33 dBW/kg

#74_WLAN2.4GHz_802.11b 1Mbps_Right Side_0mm_Ch6;Ant 1_Holster

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

Medium: HSL_2450_191121 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.783$ S/m; $\epsilon_r = 39.946$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(7.11, 7.11, 7.11) @ 2437 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

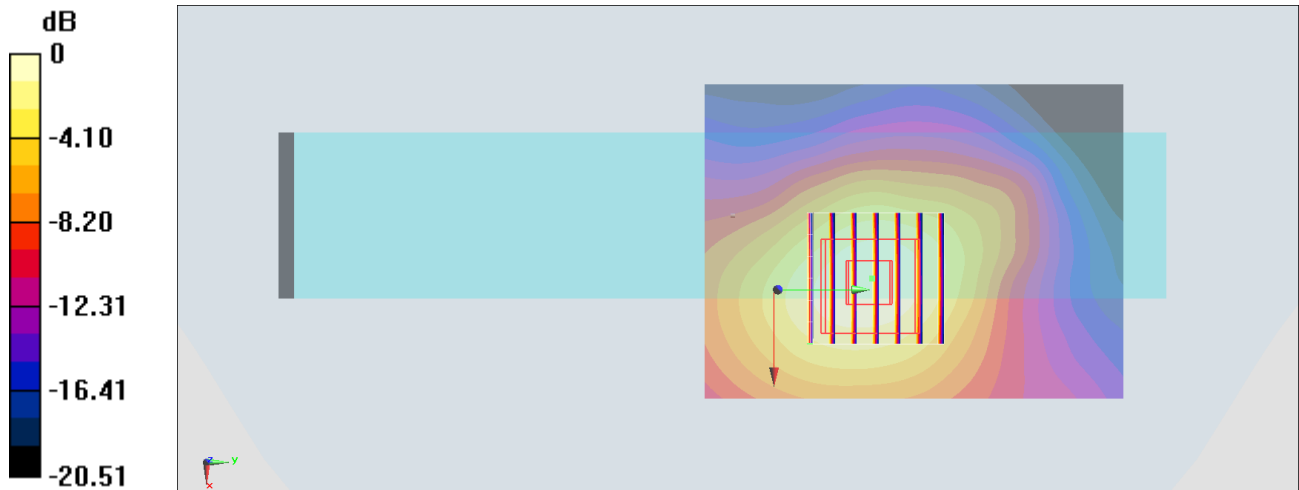
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.31 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.524 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

#29_WLAN5GHz_802.11n-HT40 MCS0_Right Side_0mm_Ch54;Ant 1_Holster

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.097

Medium: HSL_5G_191028 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.797$ S/m; $\epsilon_r = 35.037$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5270 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- 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) = 2.84 W/kg

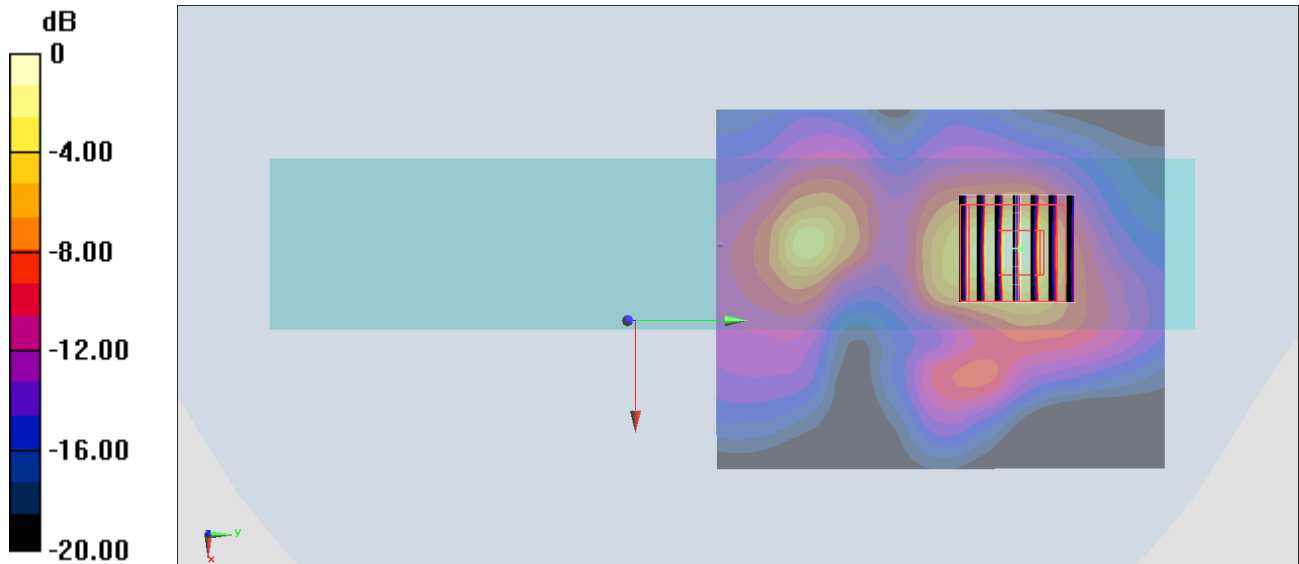
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.79 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 4.01 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 2.60 W/kg



0 dB = 2.60 W/kg = 4.15 dBW/kg

#41_WLAN5GHz_802.11ac-VHT80 MCS0_Right Side_0mm_Ch106;Ant 1_Holster

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.172

Medium: HSL_5G_191028 Medium parameters used : $f = 5530$ MHz; $\sigma = 5.071$ S/m; $\epsilon_r = 34.735$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.49, 4.49, 4.49) @ 5530 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.99 W/kg

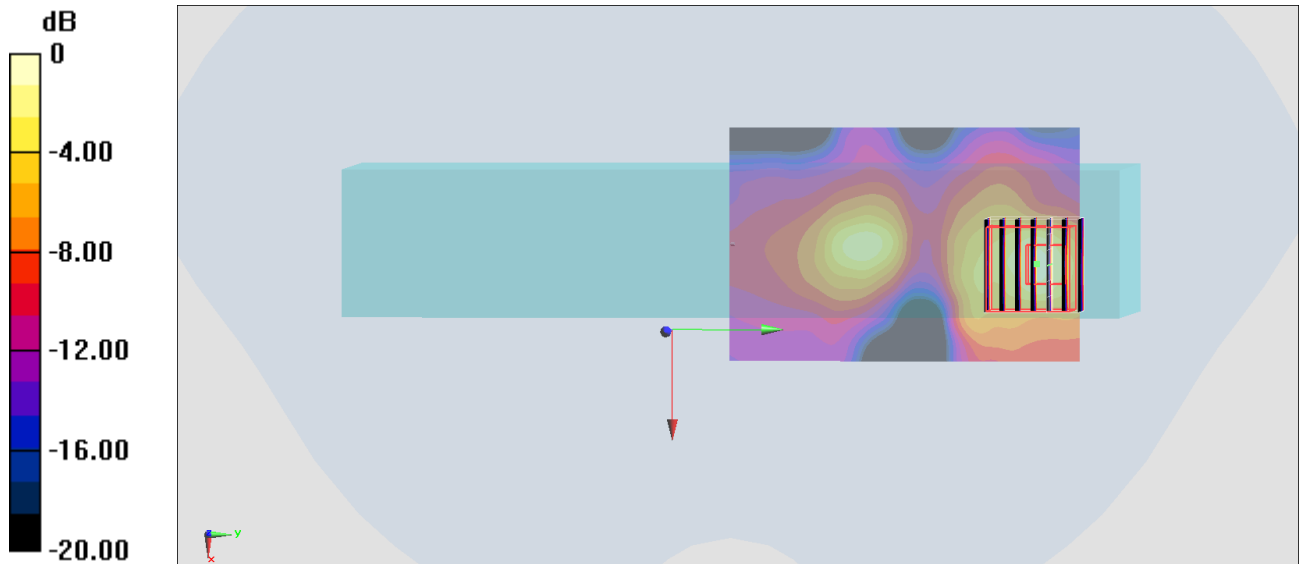
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.01 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.09 W/kg

SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.296 W/kg

Maximum value of SAR (measured) = 2.49 W/kg



0 dB = 2.49 W/kg = 3.96 dBW/kg

#89_WLAN5GHz_802.11ac-VHT80 MCS0_Left Side_0mm_Ch155;Ant 2_Holster

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.168

Medium: HSL_5G_191117 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.224$ S/m; $\epsilon_r = 36.243$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.26, 4.26, 4.26) @ 5775 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- 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) = 2.87 W/kg

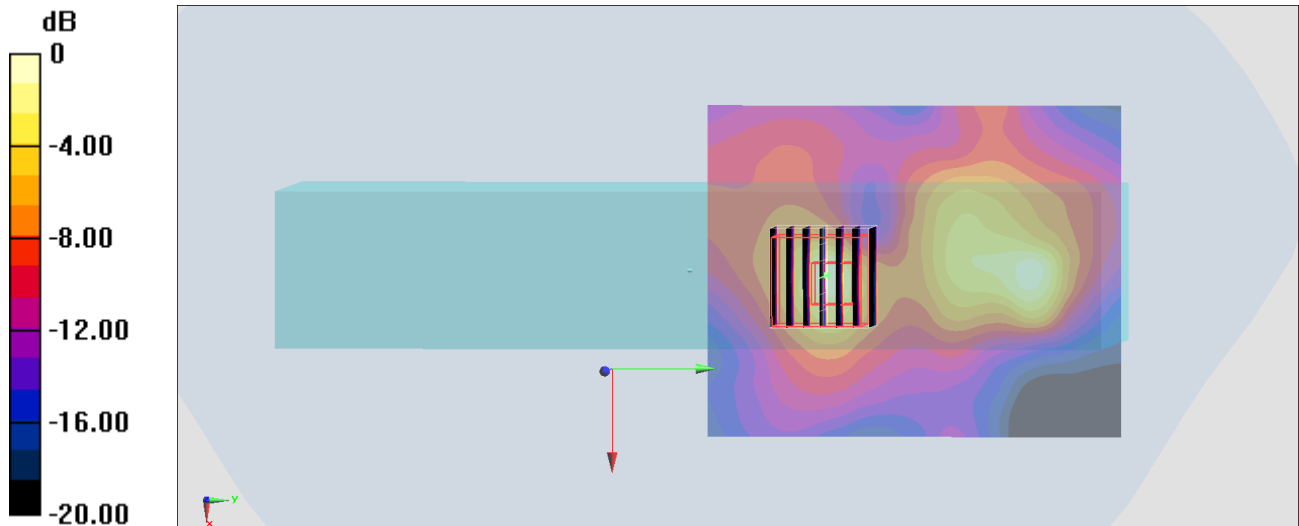
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.39 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.09 W/kg

SAR(1 g) = 0.993 W/kg; SAR(10 g) = 0.277 W/kg

Maximum value of SAR (measured) = 2.74 W/kg



0 dB = 2.74 W/kg = 4.38 dBW/kg