

#01_GSM850_GPRS (2 Tx slots)_Bottom Face_0.8cm_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: MSL_850_141016 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 54.346$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(6.15, 6.15, 6.15); Calibrated: 2014/9/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2014/8/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch251/Area Scan (81x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.17 W/kg

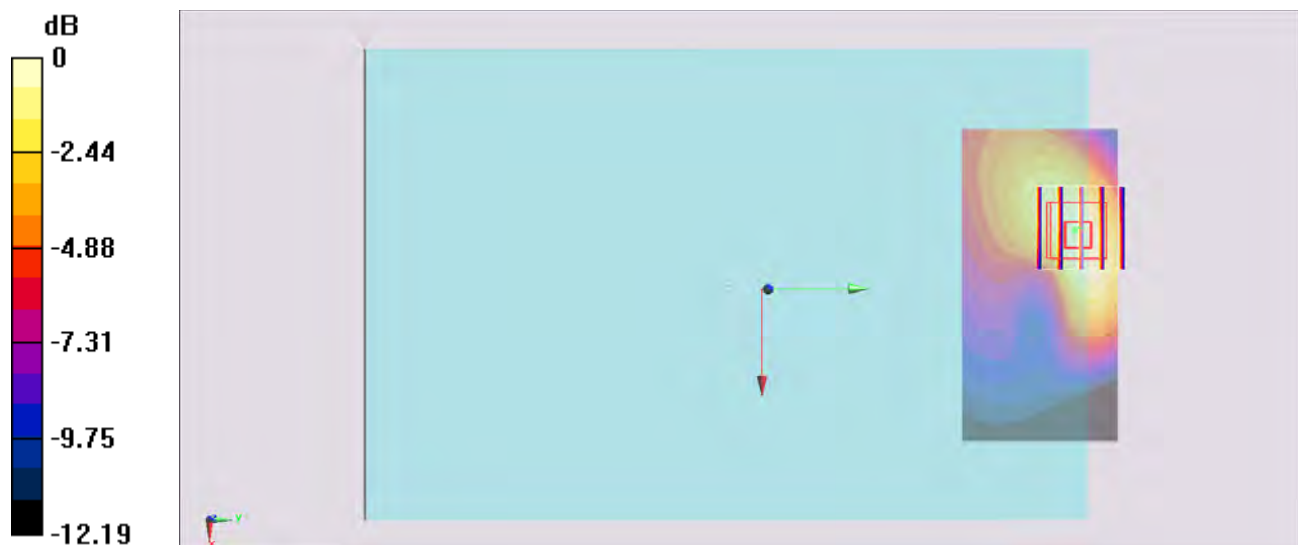
Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.209 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.616 W/kg

Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

#02_GSM1900_GPRS (2 Tx slots)_Bottom Face_0cm_Ch810

Communication System: PCS ; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_141015 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.554$ S/m; $\epsilon_r = 51.552$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.8, 7.8, 7.8); Calibrated: 2014/9/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2014/2/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch810/Area Scan (81x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.40 W/kg

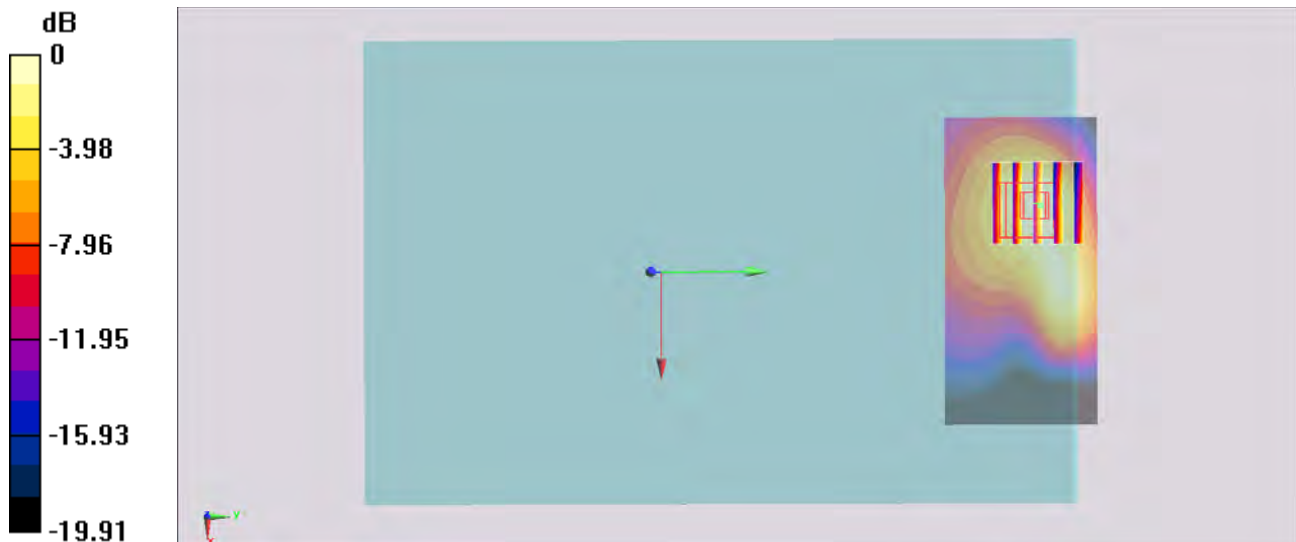
Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.991 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.541 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Bottom Face_0cm_Ch4233

Communication System: WCDMA ; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_141016 Medium parameters used: $f = 847$ MHz; $\sigma = 0.976$ S/m; $\epsilon_r = 54.365$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(6.15, 6.15, 6.15); Calibrated: 2014/9/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2014/8/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch4233/Area Scan (81x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.27 W/kg

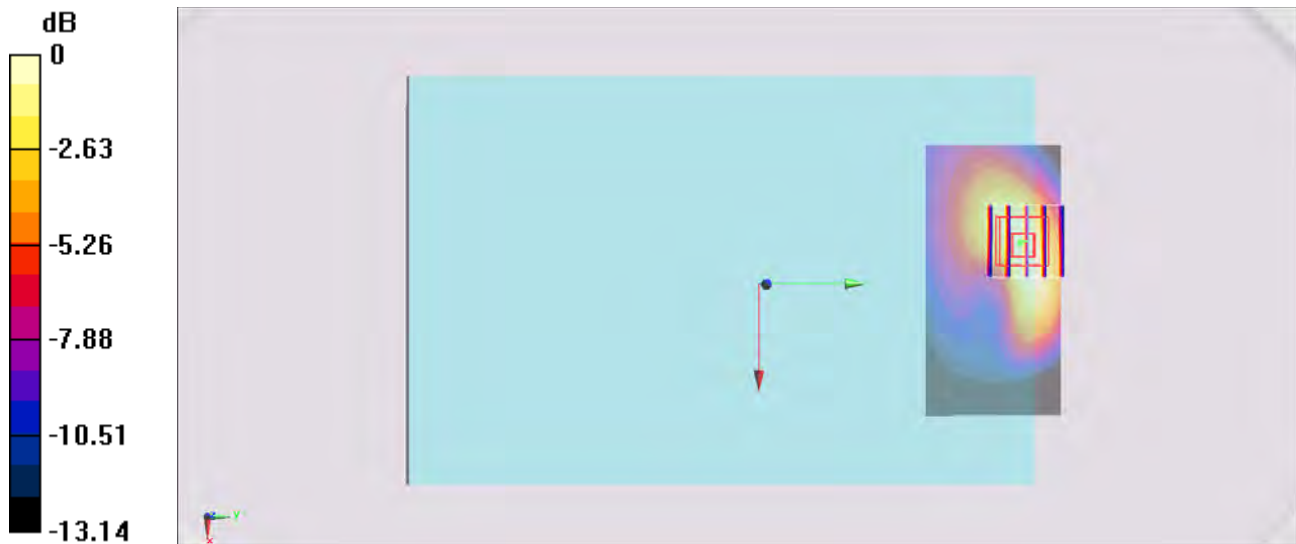
Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.070 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.622 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

#04_WCDMA IV_RMC 12.2Kbps_Edge 2_0.8cm_Ch1513

Communication System: WCDMA ; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_141015 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 52.091$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.26, 8.26, 8.26); Calibrated: 2014/9/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2014/2/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch1513/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.16 W/kg

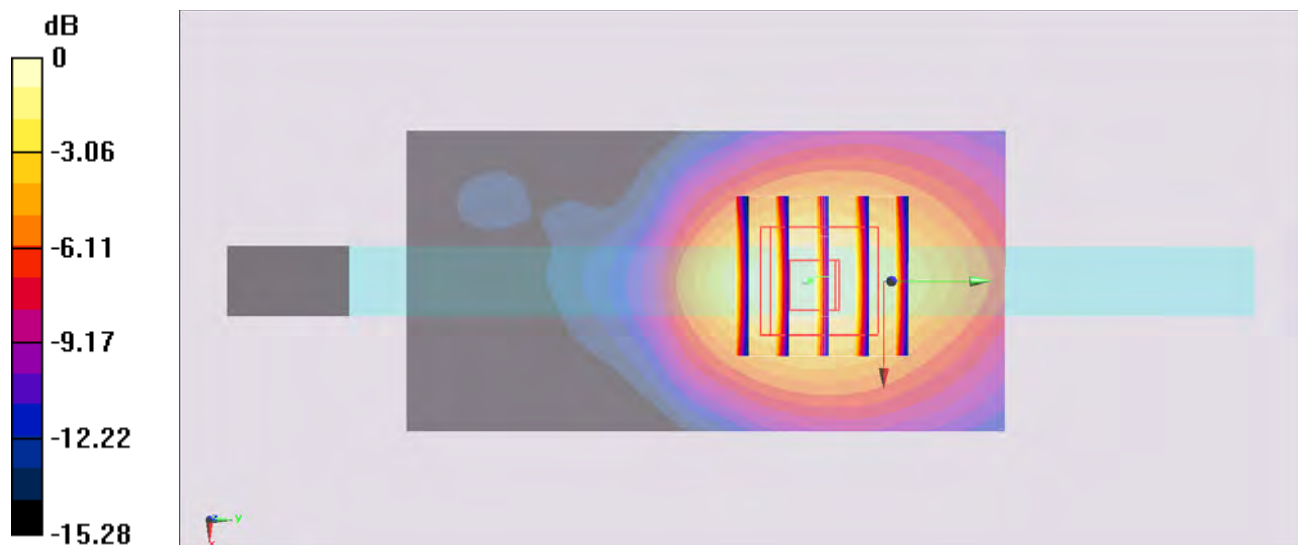
Configuration/Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.770 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.840 W/kg; SAR(10 g) = 0.497 W/kg

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



#05_WCDMA II_RMC 12.2Kbps_Edge 2_0.8cm_Ch9538

Communication System: WCDMA ; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_141015 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.551$ S/m; $\epsilon_r = 51.561$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.8, 7.8, 7.8); Calibrated: 2014/9/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2014/2/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch9538/Area Scan (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.47 W/kg

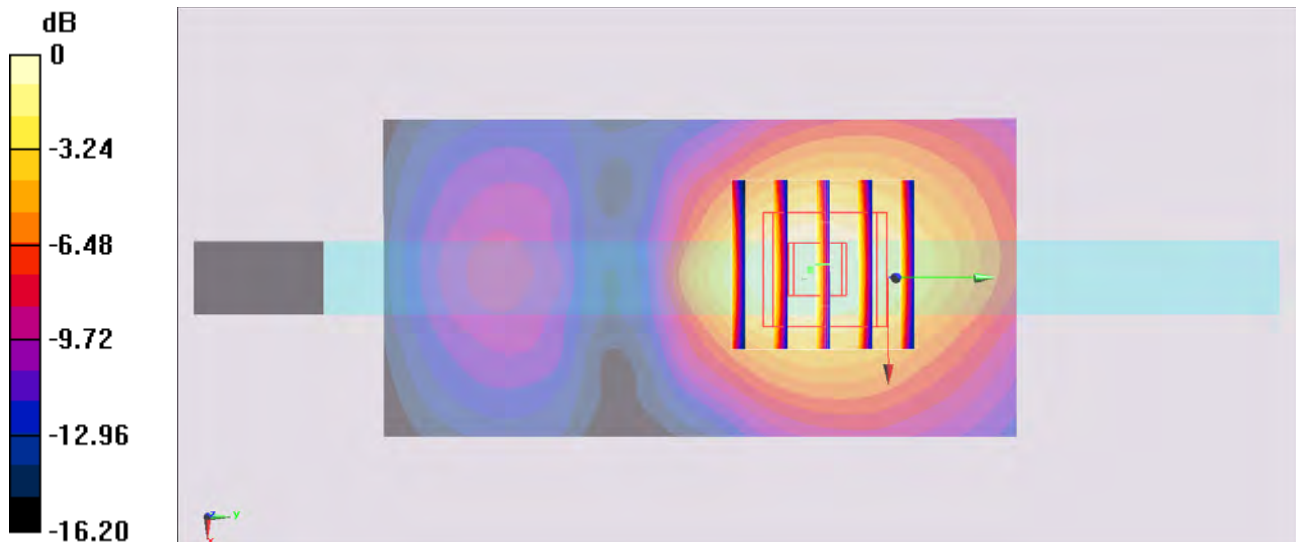
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.681 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.999 W/kg; SAR(10 g) = 0.583 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

#06_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0cm_Ch6;Ant B

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.01

Medium: MSL_2450_141017 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.914$ S/m; $\epsilon_r = 53.592$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(4.29, 4.29, 4.29); Calibrated: 2014/9/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2014/8/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch6/Area Scan (41x71x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.02 W/kg

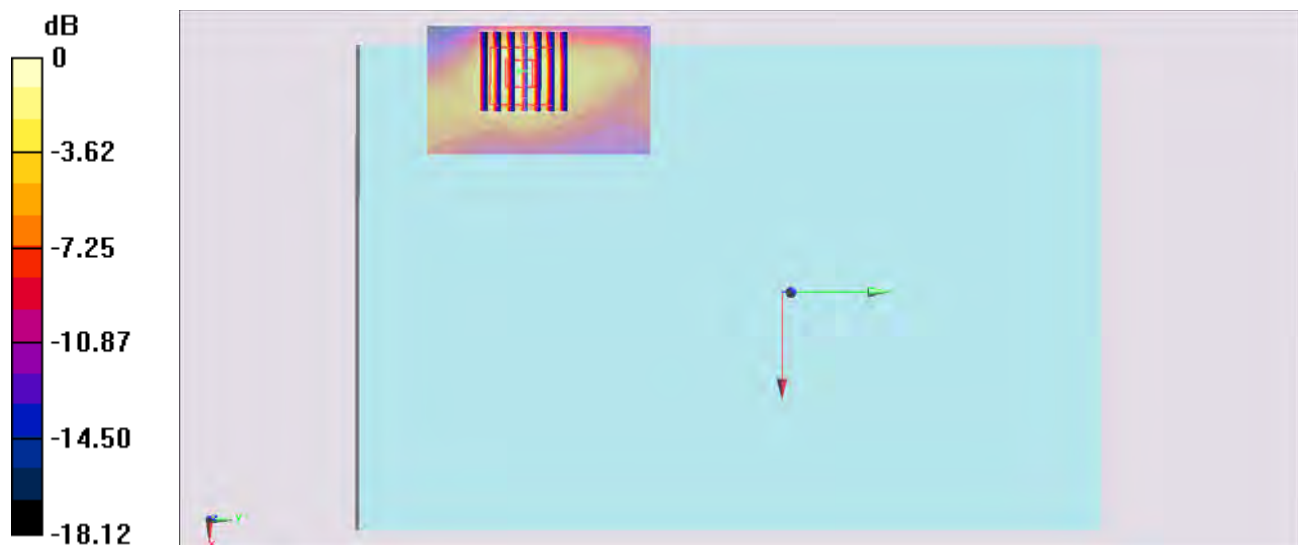
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.916 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.336 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

#07_WLAN5GHz_802.11a 6Mbps_Edge 3_0cm_Ch40;Ant B

Communication System: 802.11a ; Frequency: 5200 MHz;Duty Cycle: 1:1.048

Medium: MSL_5G_141018 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.257$ S/m; $\epsilon_r = 47.536$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °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: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch40/Area Scan (51x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.49 W/kg

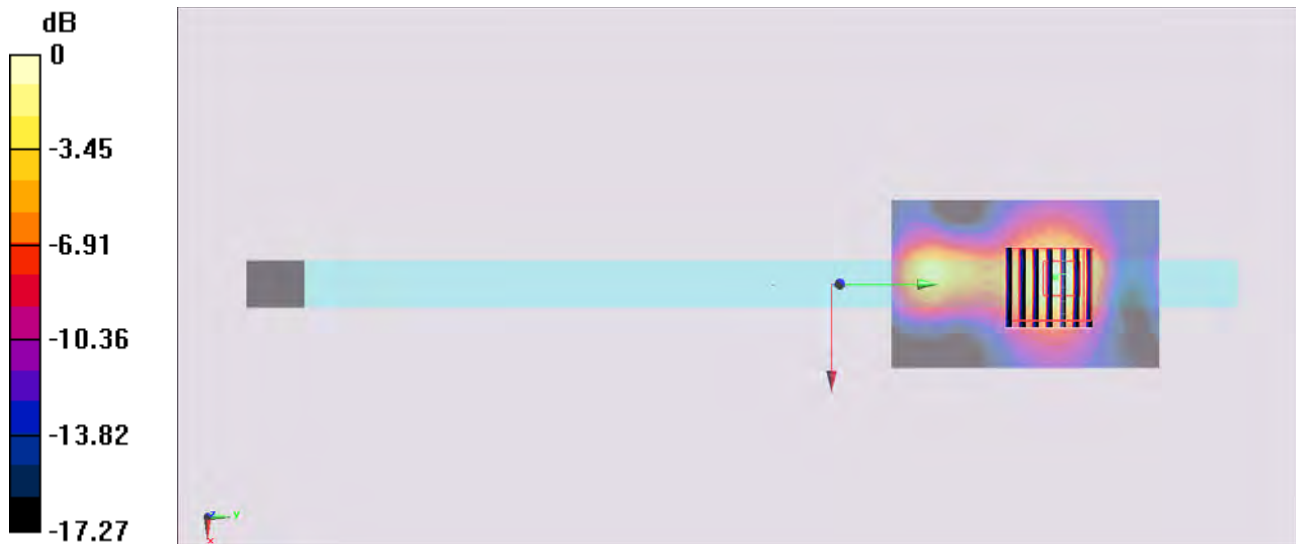
Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.787 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.24 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.336 W/kg

Maximum value of SAR (measured) = 2.51 W/kg



0 dB = 2.51 W/kg = 4.00 dBW/kg

#08_WLAN5GHz_802.11a 6Mbps_Edge 3_0cm_Ch56;Ant B

Communication System: 802.11a ; Frequency: 5280 MHz;Duty Cycle: 1:1.048

Medium: MSL_5G_141022 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.352$ S/m; $\epsilon_r = 47.317$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch56/Area Scan (51x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.01 W/kg

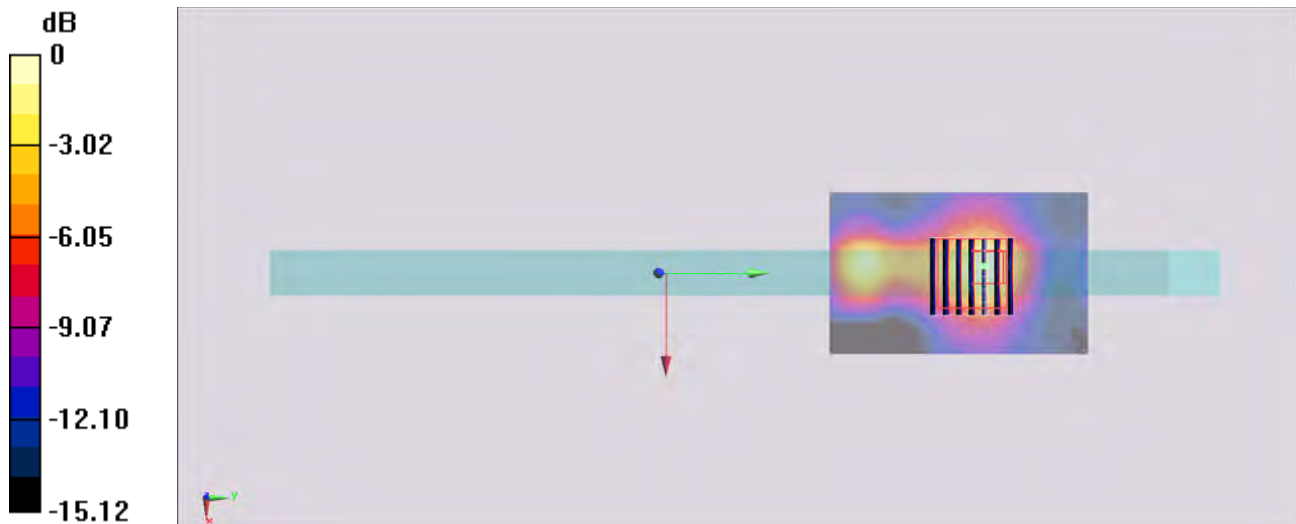
Configuration/Ch56/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.282 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.36 W/kg

SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 1.96 W/kg



0 dB = 1.96 W/kg = 2.92 dBW/kg

#09_WLAN5GHz_802.11a 6Mbps_Edge 3_0cm_Ch132;Ant B

Communication System: 802.11a ; Frequency: 5660 MHz;Duty Cycle: 1:1.048

Medium: MSL_5G_141027 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.823$ S/m; $\epsilon_r = 49.775$; $\rho = 1000$ 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: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch132/Area Scan (51x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.77 W/kg

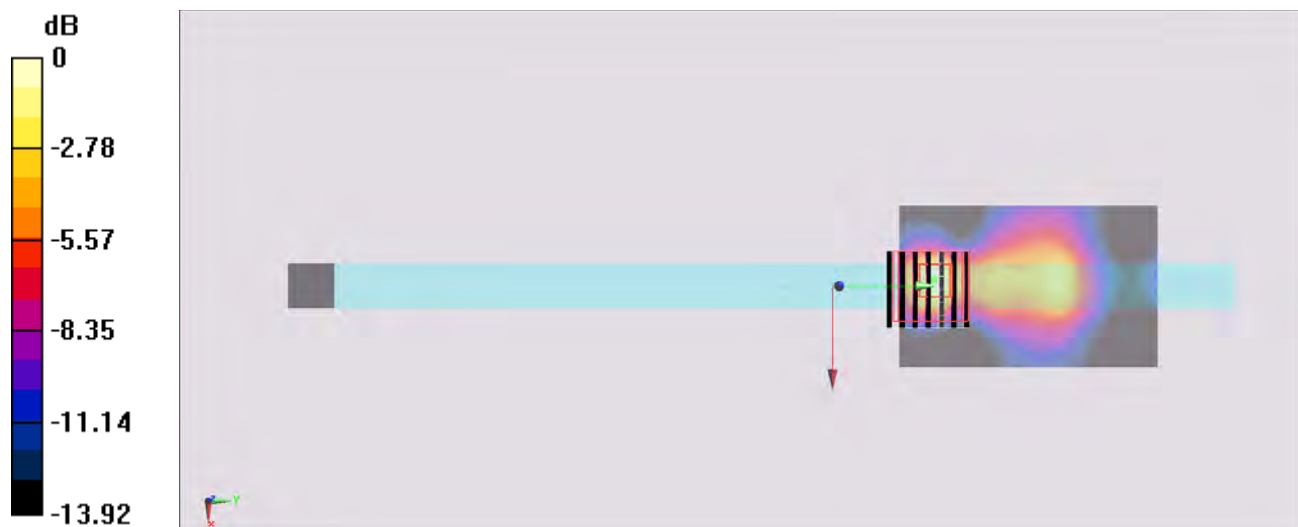
Configuration/Ch132/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.850 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 5.77 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (measured) = 2.95 W/kg



#10_WLAN5GHz_802.11a 6Mbps_Edge 3_0cm_Ch161;Ant B

Communication System: 802.11a ; Frequency: 5805 MHz;Duty Cycle: 1:1.048

Medium: MSL_5G_141029 Medium parameters used: $f = 5805$ MHz; $\sigma = 5.968$ S/m; $\epsilon_r = 46.462$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch161/Area Scan (51x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.47 W/kg

Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.962 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 4.55 W/kg

SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.232 W/kg

Maximum value of SAR (measured) = 2.58 W/kg

