

#01_GSM850_GPRS (3 Tx slots)_Edge 1_0cm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.77

Medium: MSL_850_141114 Medium parameters used: $f = 849$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 55.034$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.83, 9.83, 9.83); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch251/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

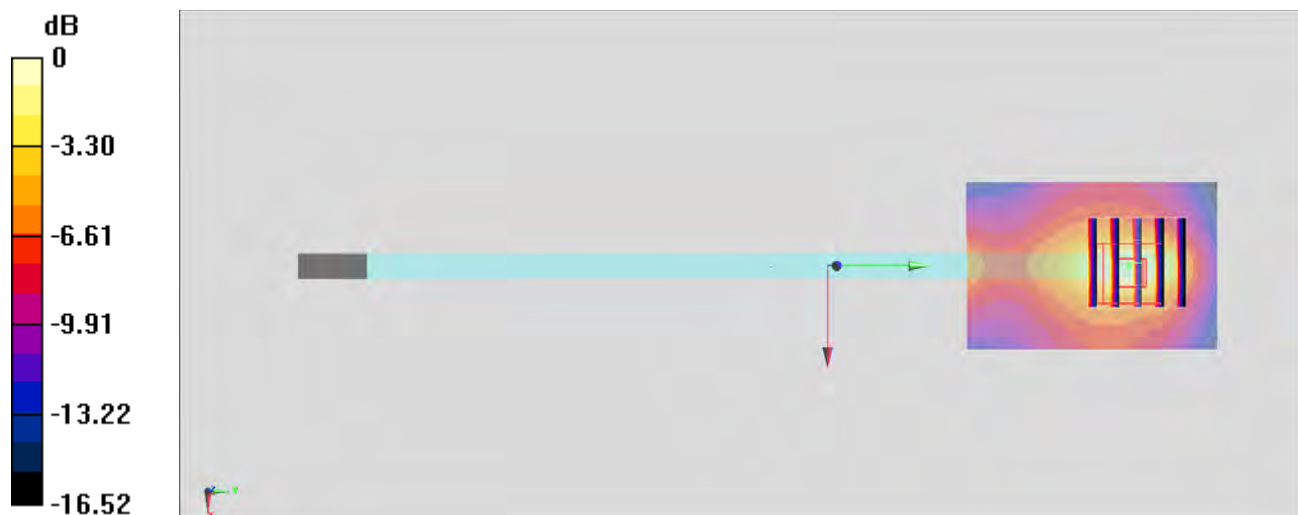
Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.79 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.400 W/kg

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

#02_GSM1900_GPRS (3 Tx slots)_Bottom Face_0cm_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium: MSL_1900_141113 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.515$ S/m; $\epsilon_r = 52.419$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3296; ConvF(4.91, 4.91, 4.91); Calibrated: 2014/4/30;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2013/12/17
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch661/Area Scan (61x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

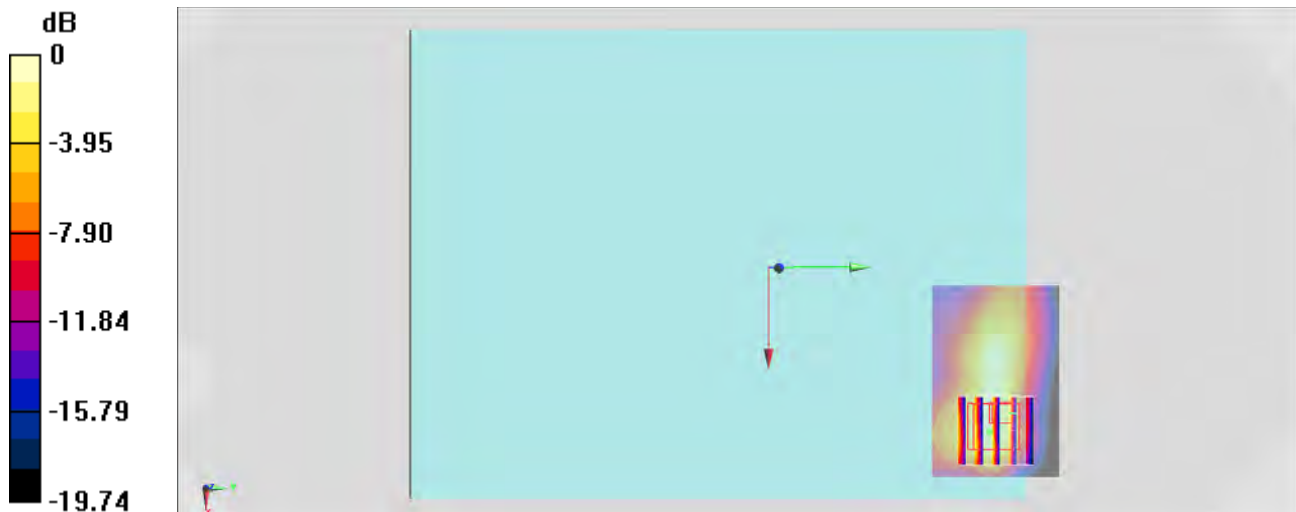
Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.02 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Edge 1_0cm_Ch4132

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_141114 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.957$ S/m; $\epsilon_r = 55.25$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.83, 9.83, 9.83); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4132/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.86 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.353 W/kg

Maximum value of SAR (measured) = 1.38 W/kg



#04_WCDMA II_RMC 12.2Kbps_Edge 2_0cm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_141113 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.49$ S/m; $\epsilon_r = 52.54$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3296; ConvF(4.91, 4.91, 4.91); Calibrated: 2014/4/30;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2013/12/17
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9262/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.61 W/kg

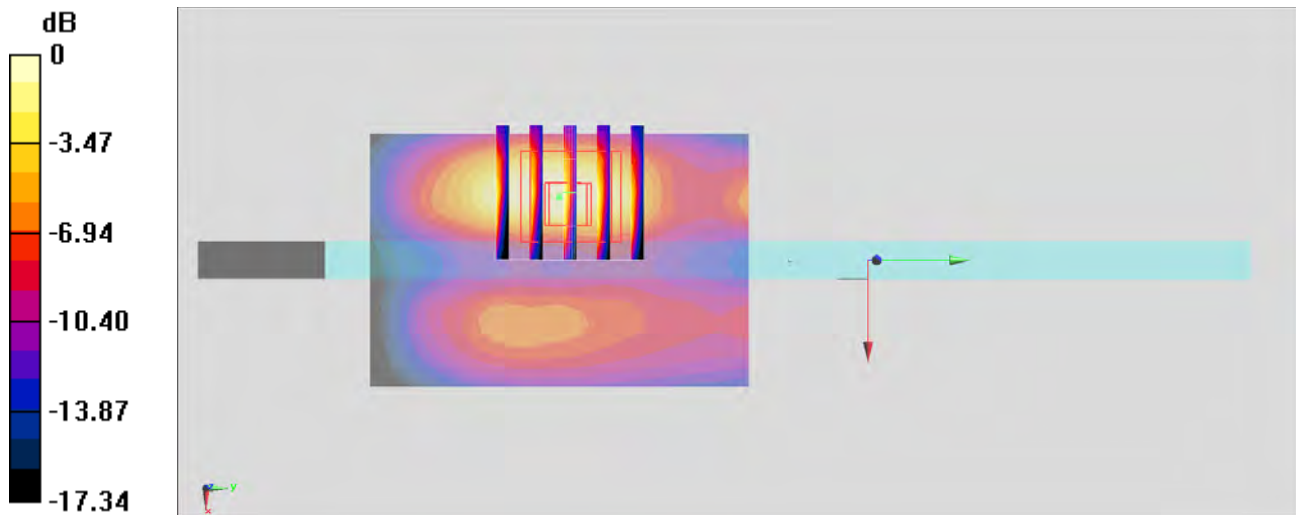
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.73 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.600 W/kg

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



0 dB = 1.47 W/kg = 1.67 dBW/kg

#05_LTE Band 7_20M_QPSK_1RB_0offset_Bottom Face_0cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_141113 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.126$ S/m; $\epsilon_r = 52.894$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.08, 7.08, 7.08); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch21100/Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

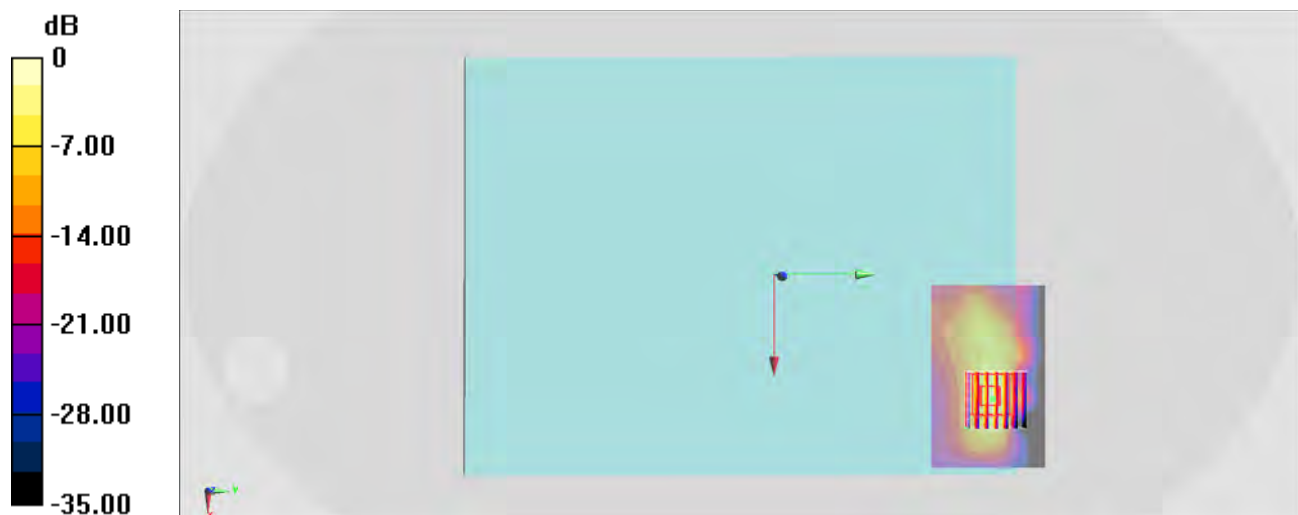
Configuration/Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.87 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.295 W/kg

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

#06_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0cm_Ch11;Ant Aux

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL_2450_141112 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.053$ S/m; $\epsilon_r = 52.501$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3296; ConvF(4.45, 4.45, 4.45); Calibrated: 2014/4/30;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2013/12/17
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch11/Area Scan (81x51x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.60 W/kg

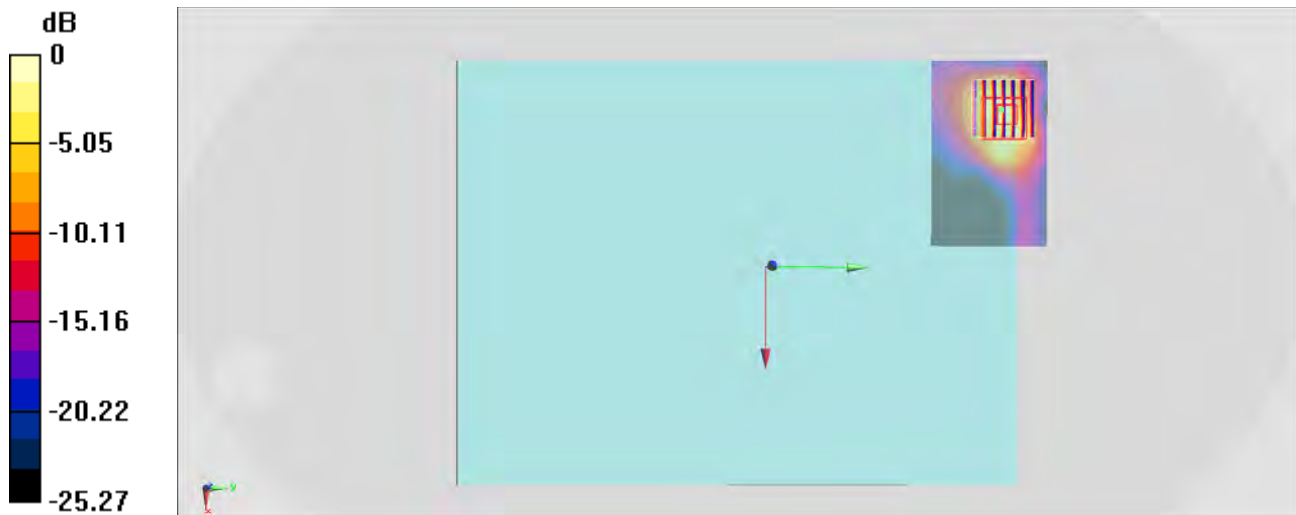
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 27.12 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.39 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.402 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

#07_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch40;Ant Main

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.145

Medium: MSL_5G_141115 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.325$ S/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.25, 4.25, 4.25); Calibrated: 2014/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch40/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

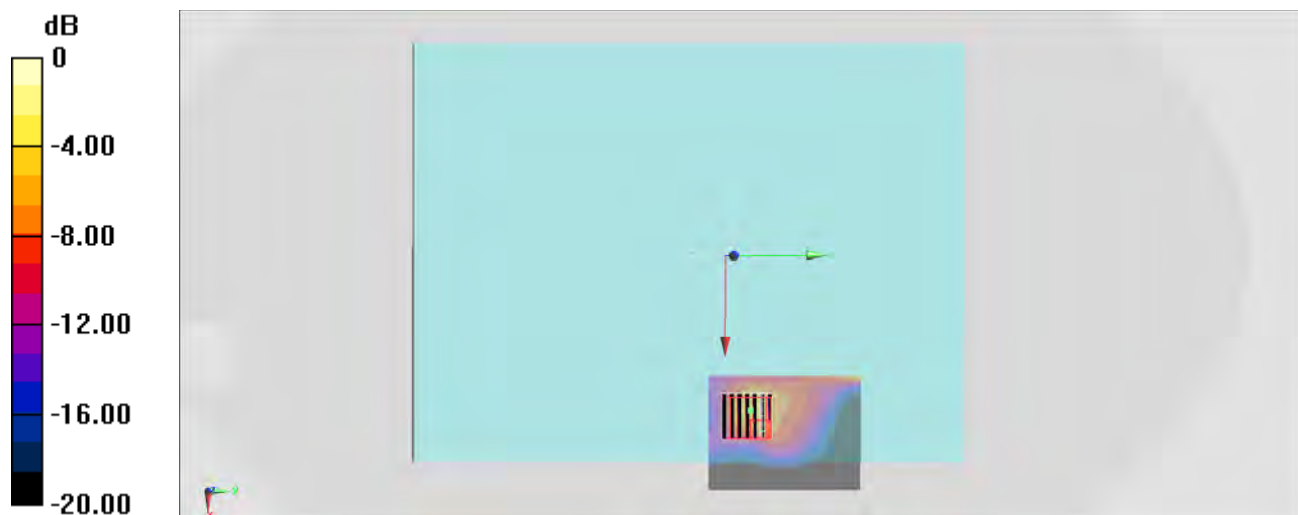
Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.11 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 5.59 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 3.19 W/kg



#08_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch64;Ant Main

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.145

Medium: MSL_5G_141115 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.497$ S/m; $\epsilon_r = 48.437$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.42, 4.42, 4.42); Calibrated: 2014/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch64/Area Scan (61x81x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.18 W/kg

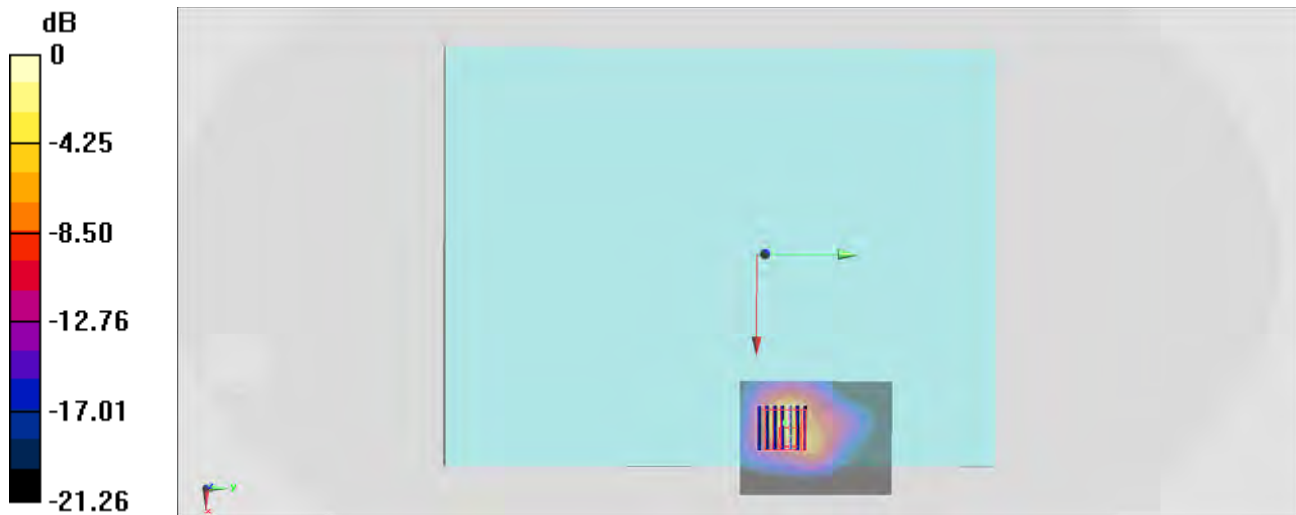
Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 17.84 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 6.55 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 3.19 W/kg



0 dB = 3.19 W/kg = 5.04 dBW/kg

#09_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch100;Ant Main

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.145

Medium: MSL_5G_141116 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.535$ S/m; $\epsilon_r = 47.219$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.21, 4.21, 4.21); Calibrated: 2014/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch100/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

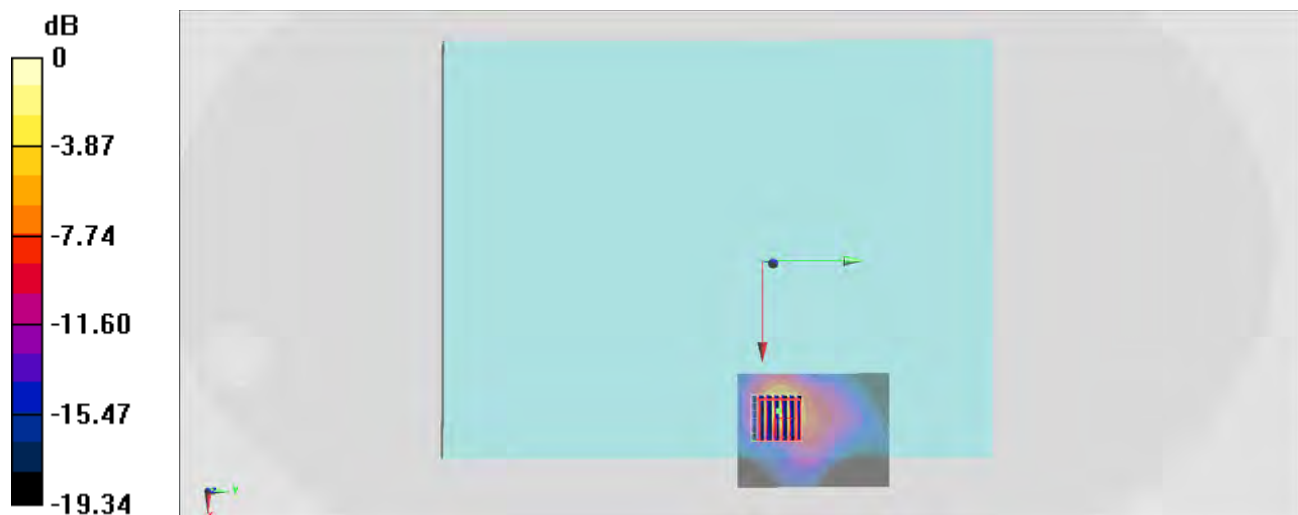
Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.31 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 5.78 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.283 W/kg

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



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

#10_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch157;Ant Main

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.145

Medium: MSL_5G_141117 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.165$ S/m; $\epsilon_r = 46.498$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.24, 4.24, 4.24); Calibrated: 2014/3/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch157/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.69 W/kg

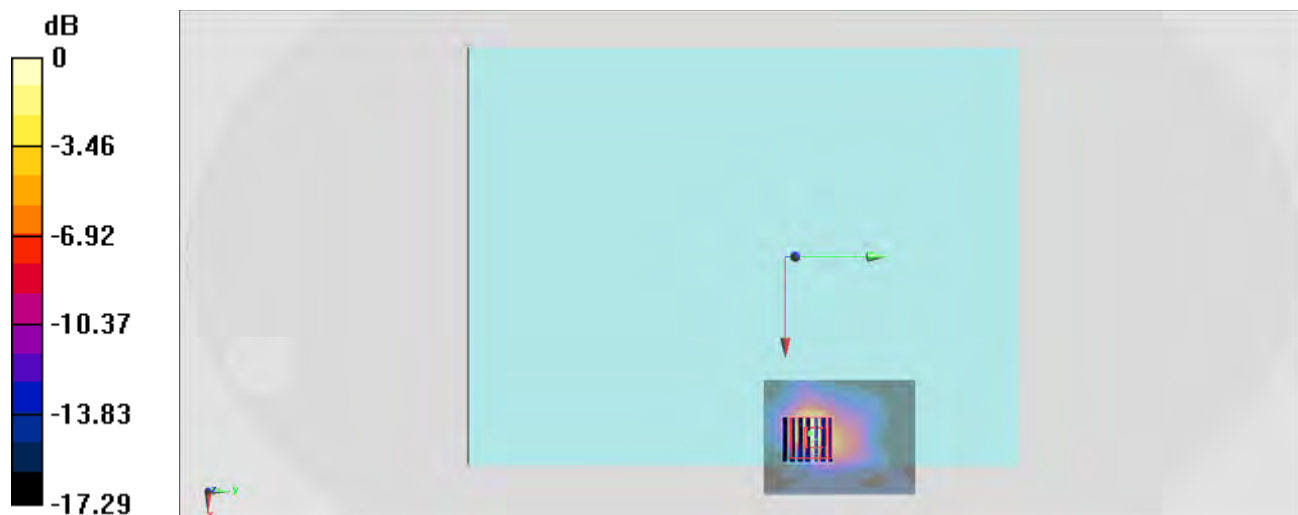
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.84 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 6.12 W/kg

SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 2.89 W/kg



0 dB = 2.89 W/kg = 4.61 dBW/kg