

#23_GSM850_GPRS (2 Tx slots)_Bottom Face_0cm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_850_130914 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.952$ mho/m; $\epsilon_r = 54.682$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:0

- Probe: ES3DV3 - SN3071; ConvF(5.8, 5.8, 5.8); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch128/Area Scan (81x51x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.13 mW/g

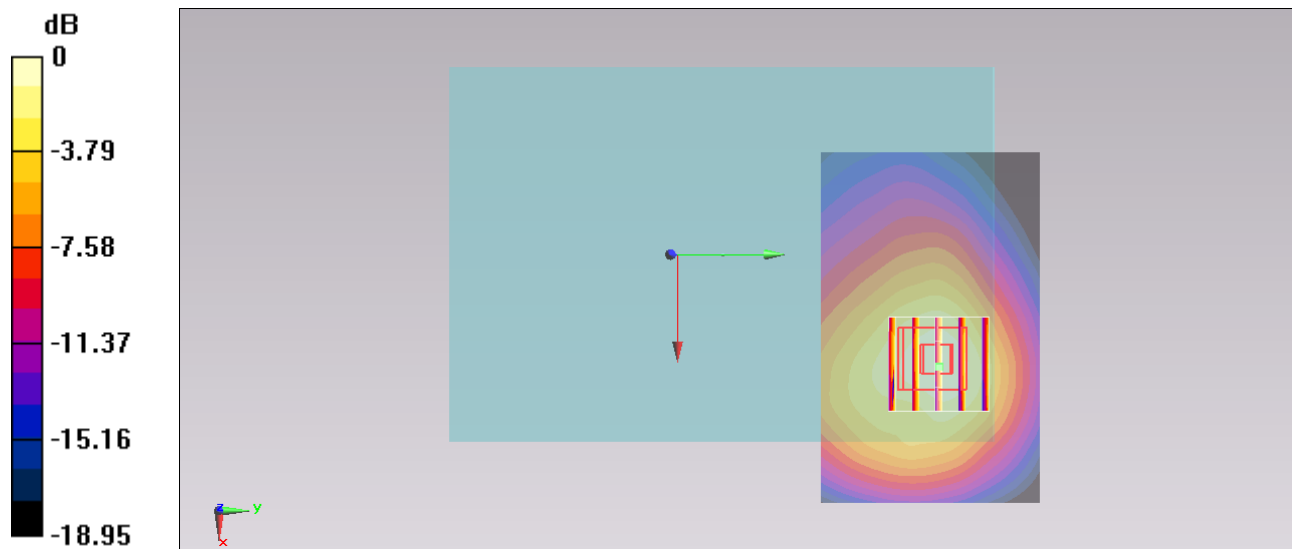
Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.029 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.521 mW/g

SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.512 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11 mW/g = 0.91 dB mW/g

#22_WCDMA V_RMC12.2kbps_Bottom Face_0cm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_130914 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r = 54.544$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:0

- Probe: ES3DV3 - SN3071; ConvF(5.8, 5.8, 5.8); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4182/Area Scan (81x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.45 mW/g

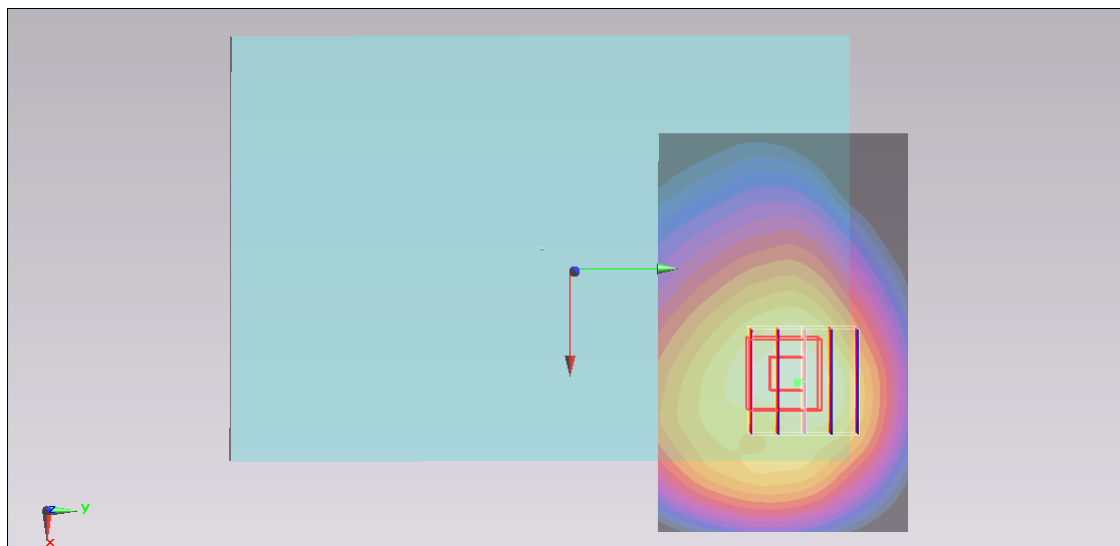
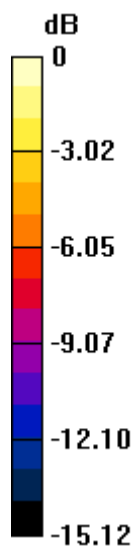
Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.939 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.925 mW/g

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.664 mW/g

Maximum value of SAR (measured) = 1.37 mW/g



0 dB = 1.37 mW/g = 2.73 dB mW/g

#25_WLAN2.4GHz_802.11b 1Mbps_Bottom Face - Slant of Ant 2_0cm_Ch11;Ant 2

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

Medium: MSL_2450_130813 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.037$ mho/m; $\epsilon_r = 53.921$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.44, 7.44, 7.44); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (51x81x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.58 mW/g

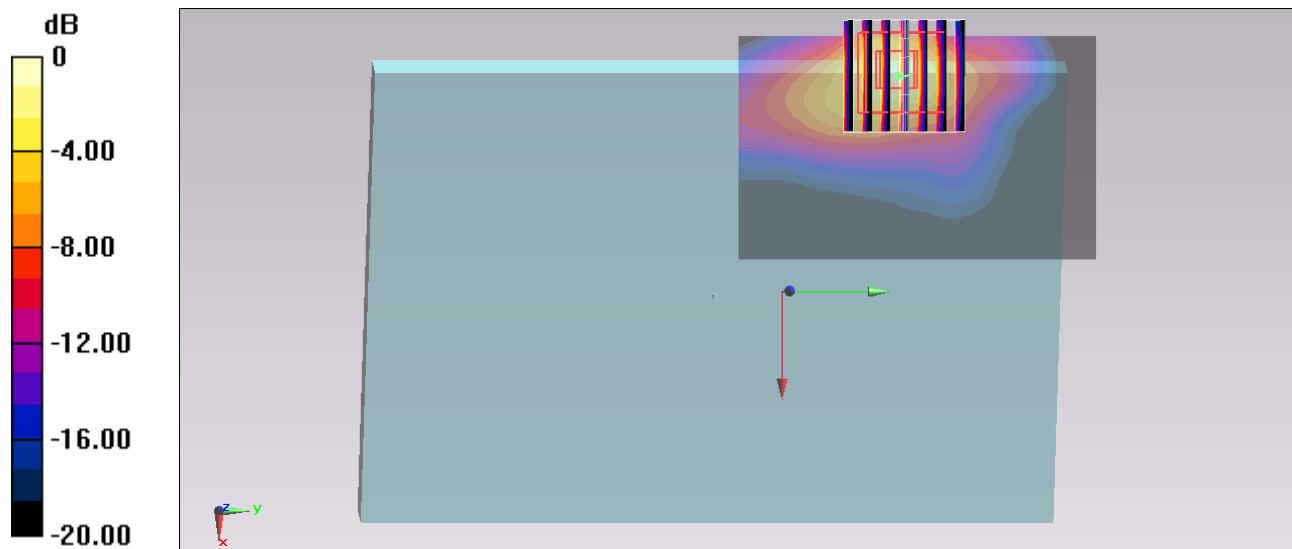
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.795 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.331 mW/g

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.457 mW/g

Maximum value of SAR (measured) = 2.03 mW/g



0 dB = 2.03 mW/g = 6.15 dB mW/g

#26_WLAN5GHz_802.11a 6Mbps_Bottom Face - Slant of Ant 2_0cm_Ch153;Ant 2

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1.016

Medium: MSL_5G_130816 Medium parameters used: $f = 5765$ MHz; $\sigma = 6.18$ mho/m; $\epsilon_r = 46.587$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch153/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 3.71 mW/g

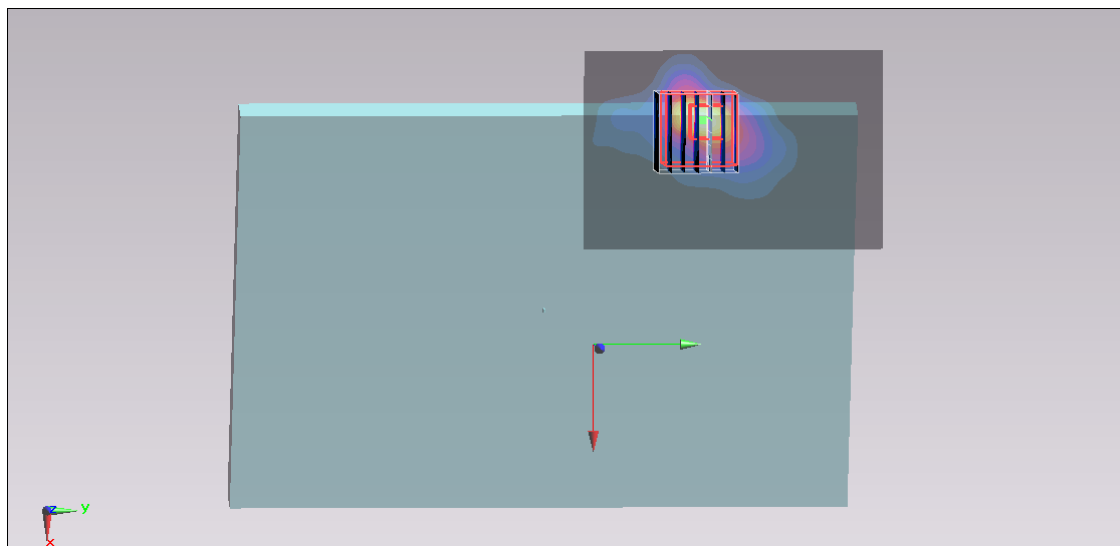
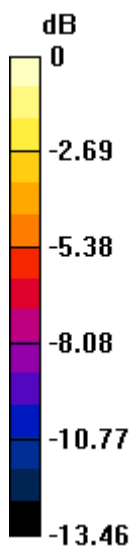
Configuration/Ch153/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 26.177 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 8.255 mW/g

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.449 mW/g

Maximum value of SAR (measured) = 3.61 mW/g



0 dB = 3.61 mW/g = 11.15 dB mW/g

#27_WLAN5GHz_802.11a 6Mbps_Bottom Face - Slant of Ant 2_0cm_Ch40;Ant 2

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.016

Medium: MSL_5G_130816 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.432$ mho/m; $\epsilon_r = 47.503$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch40/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 3.47 mW/g

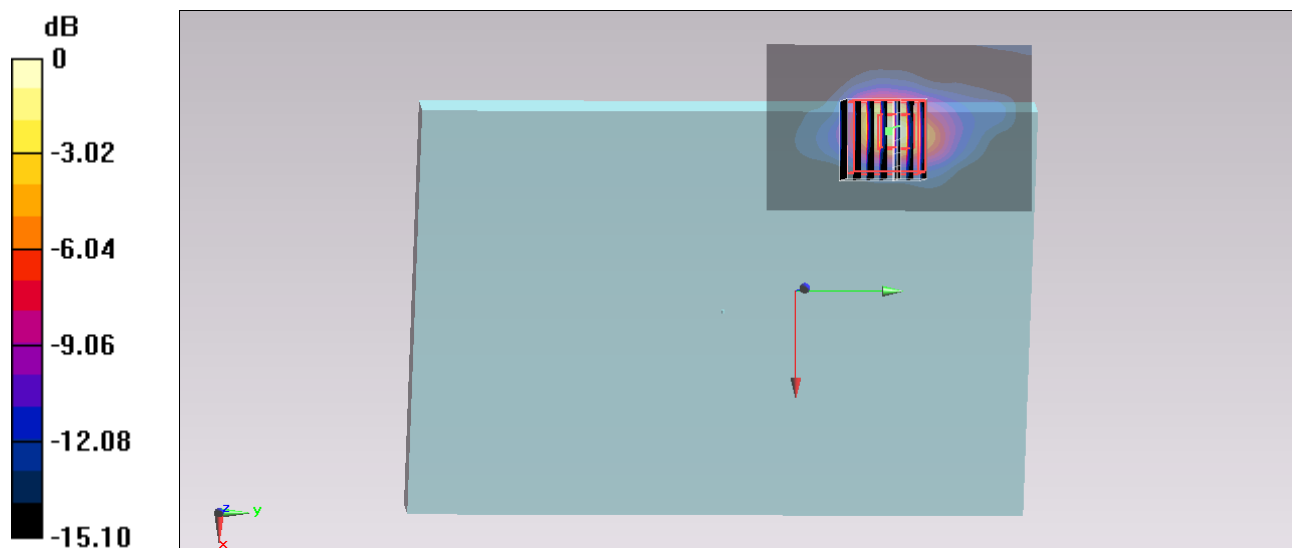
Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 26.444 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 5.843 mW/g

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.350 mW/g

Maximum value of SAR (measured) = 3.21 mW/g



0 dB = 3.21 mW/g = 10.13 dB mW/g

#28_WLAN5GHz_802.11a 6Mbps_Bottom Face - Slant of Ant 2_0cm_Ch60;Ant 2

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.016

Medium: MSL_5G_130816 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.564$ mho/m; $\epsilon_r = 47.319$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch60/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 3.23 mW/g

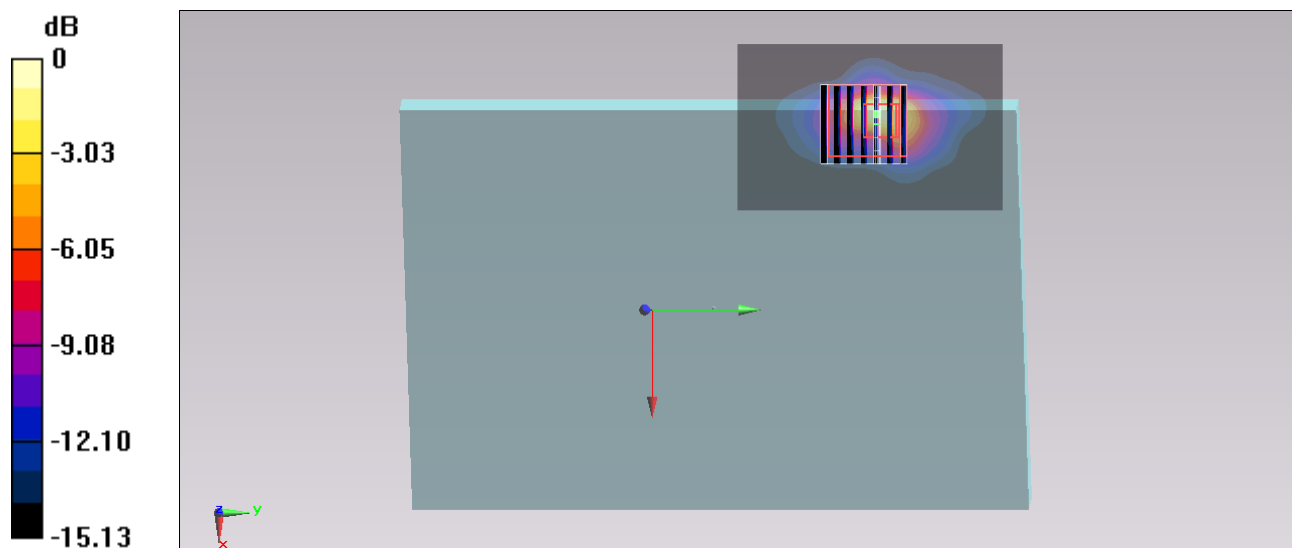
Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 26.730 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 6.483 mW/g

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.377 mW/g

Maximum value of SAR (measured) = 3.56 mW/g



0 dB = 3.56 mW/g = 11.03 dB mW/g

#29_WLAN5GHz_802.11a 6Mbps_Bottom Face - Slant of Ant 2_0cm_Ch116;Ant 2

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.016

Medium: MSL_5G_130816 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.923$ mho/m; $\epsilon_r = 46.846$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch116/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 3.99 mW/g

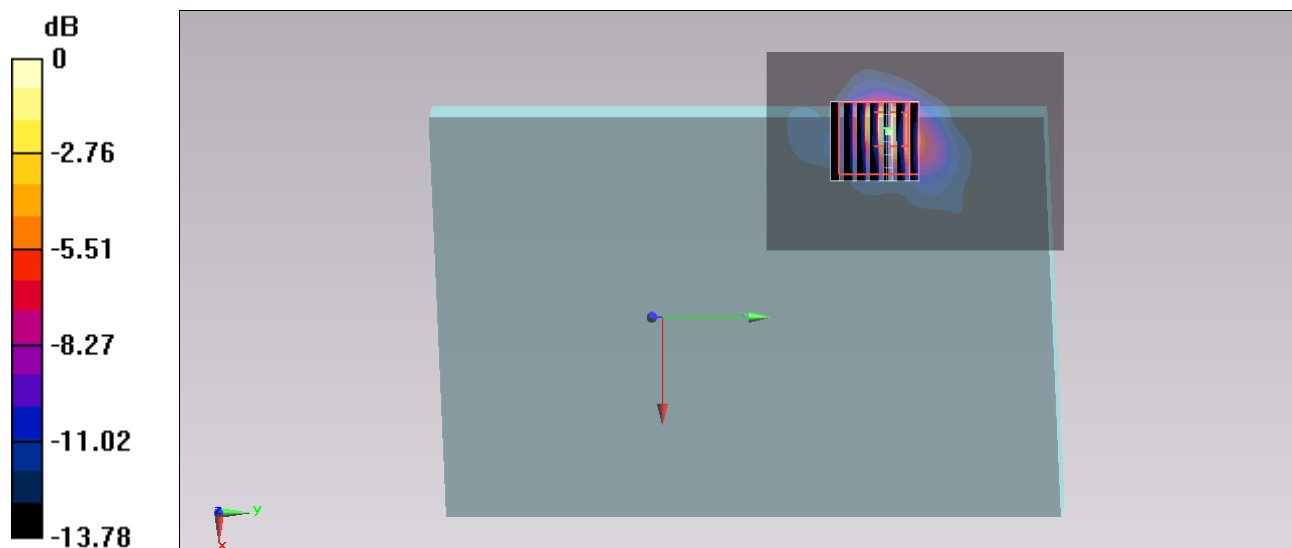
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.353 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 7.252 mW/g

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 3.48 mW/g



0 dB = 3.48 mW/g = 10.83 dB mW/g