#23_GSM850_GPRS (2 Tx slots)_Bottom Face_0.7cm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium: MSL_850_140723 Medium parameters used: f = 824.2 MHz; σ = 0.986 S/m; ε_r = 55.199; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(9.81, 9.81, 9.81); Calibrated: 2013/12/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6);SEMCAD X Version 14.6.9 (7117)

Configuration/Ch128/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
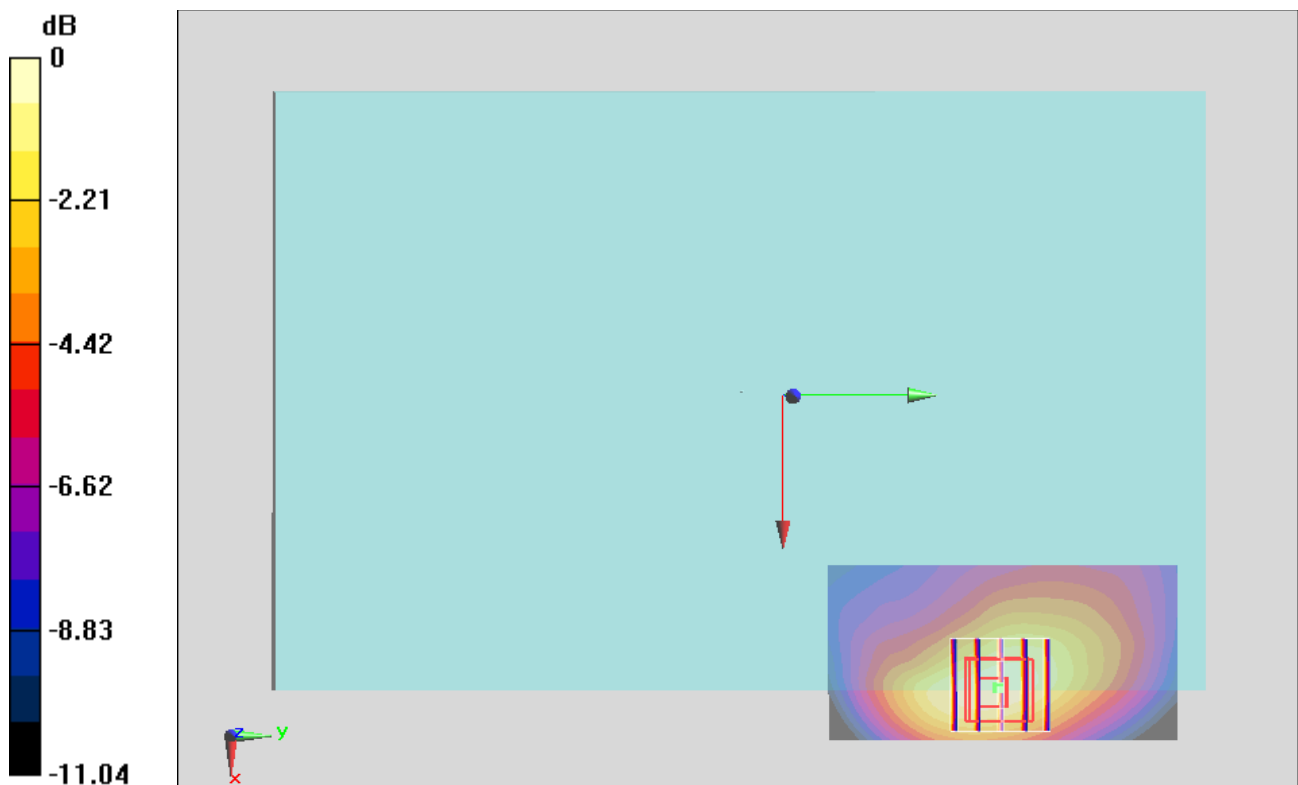Maximum value of SAR (interpolated) = 1.24 W/kg

Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.010 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.652 W/kg
Maximum value of SAR (measured) = 1.22 W/kg

0 dB = 1.22 W/kg = 0.86 dBW/kg

#24_GSM1900_GPRS (2 Tx slots)_Bottom Face_0cm_Ch661

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium: MSL_1900_140721 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 52.919; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/9/10;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/5/15
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch661/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
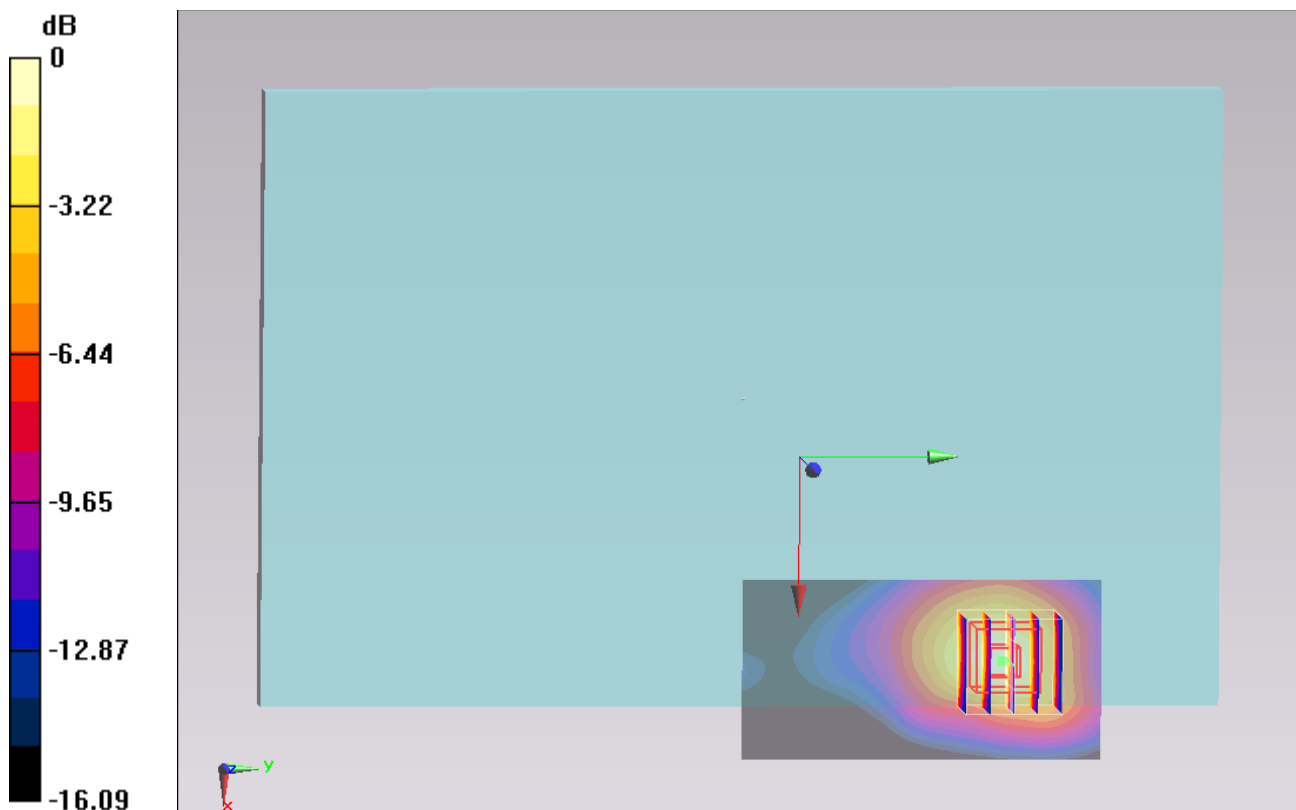Maximum value of SAR (interpolated) = 1.23 W/kg

Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.701 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.512 W/kg
Maximum value of SAR (measured) = 1.19 W/kg

0 dB = 1.19 W/kg = 0.76 dBW/kg

#25_WCDMA V_RMC 12.2kbps_Curved surface of Edge1_0cm_Ch4132

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_140723 Medium parameters used: f = 826.4 MHz; σ = 0.988 S/m; ε_r= 55.188; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(9.81, 9.81, 9.81); Calibrated: 2013/12/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6);SEMCAD X Version 14.6.9 (7117)

Configuration/Ch4132/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
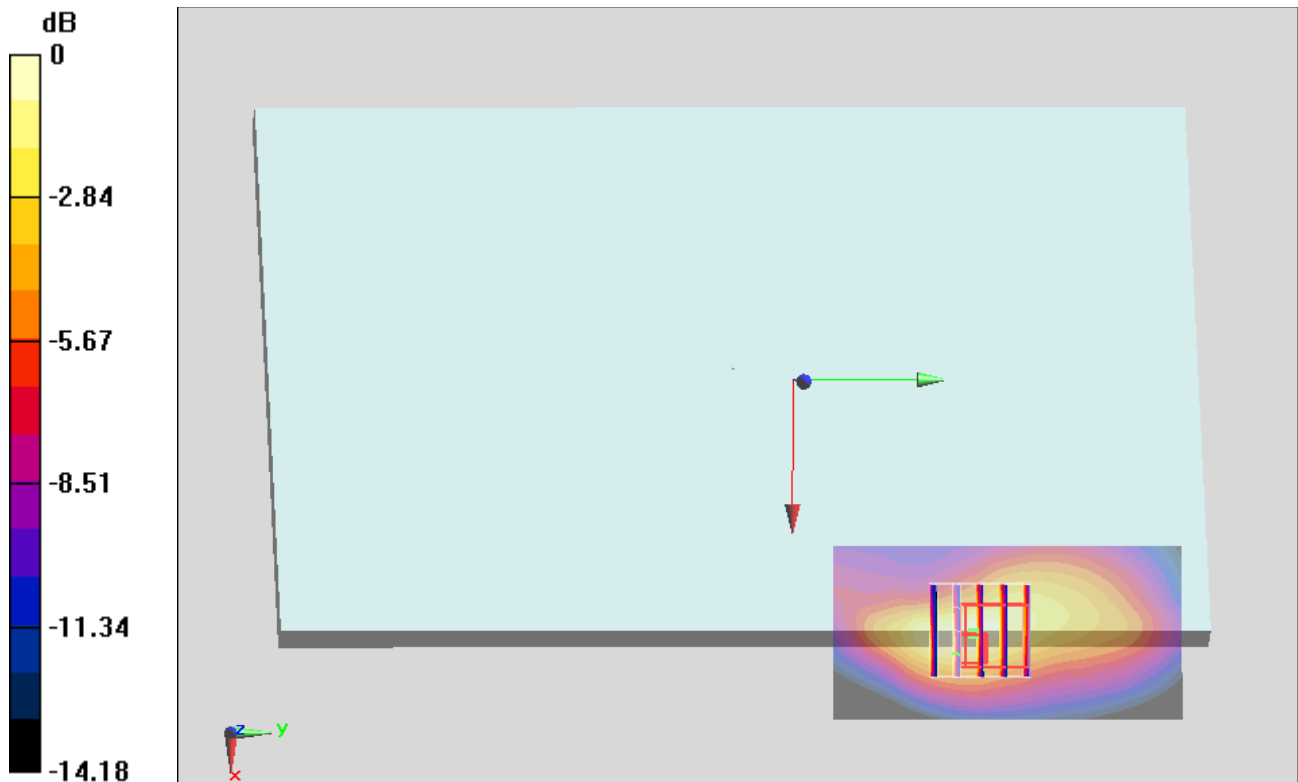Maximum value of SAR (interpolated) = 1.24 W/kg

Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.876 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.528 W/kg
Maximum value of SAR (measured) = 1.32 W/kg

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

#26_WCDMA IV_RMC 12.2Kbps_Curved surface of Edge1_0cm_Ch1312

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1750_140726 Medium parameters used: f = 1712.4 MHz; σ = 1.485 S/m; $ε_r$ = 51.773; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(8.17, 8.17, 8.17); Calibrated: 2013/12/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch1312/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
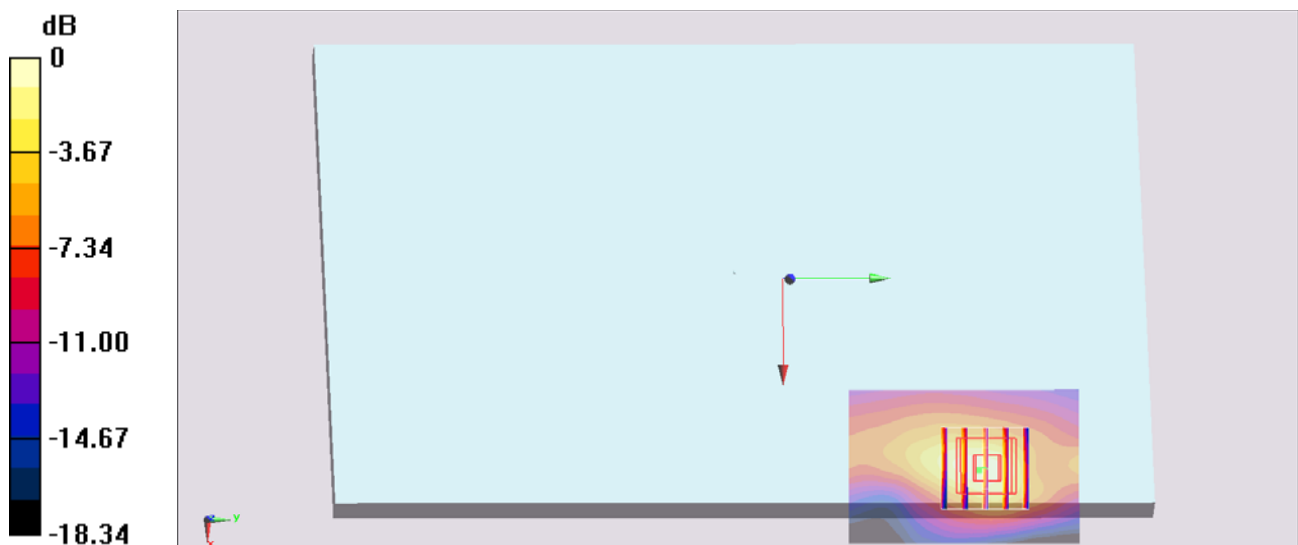Maximum value of SAR (interpolated) = 1.51 W/kg

Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.367 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.664 W/kg
Maximum value of SAR (measured) = 1.64 W/kg

0 dB = 1.64 W/kg = 2.15 dBW/kg

#07_WCDMA II_RMC 12.2Kbps_Bottom Face_0cm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_140718 Medium parameters used: f = 1908 MHz; σ = 1.556 S/m; ε_r = 51.902; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(8.17, 8.17, 8.17); Calibrated: 2013/12/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6);SEMCAD X Version 14.6.9 (7117)

Configuration/Ch9538/Area Scan (31x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
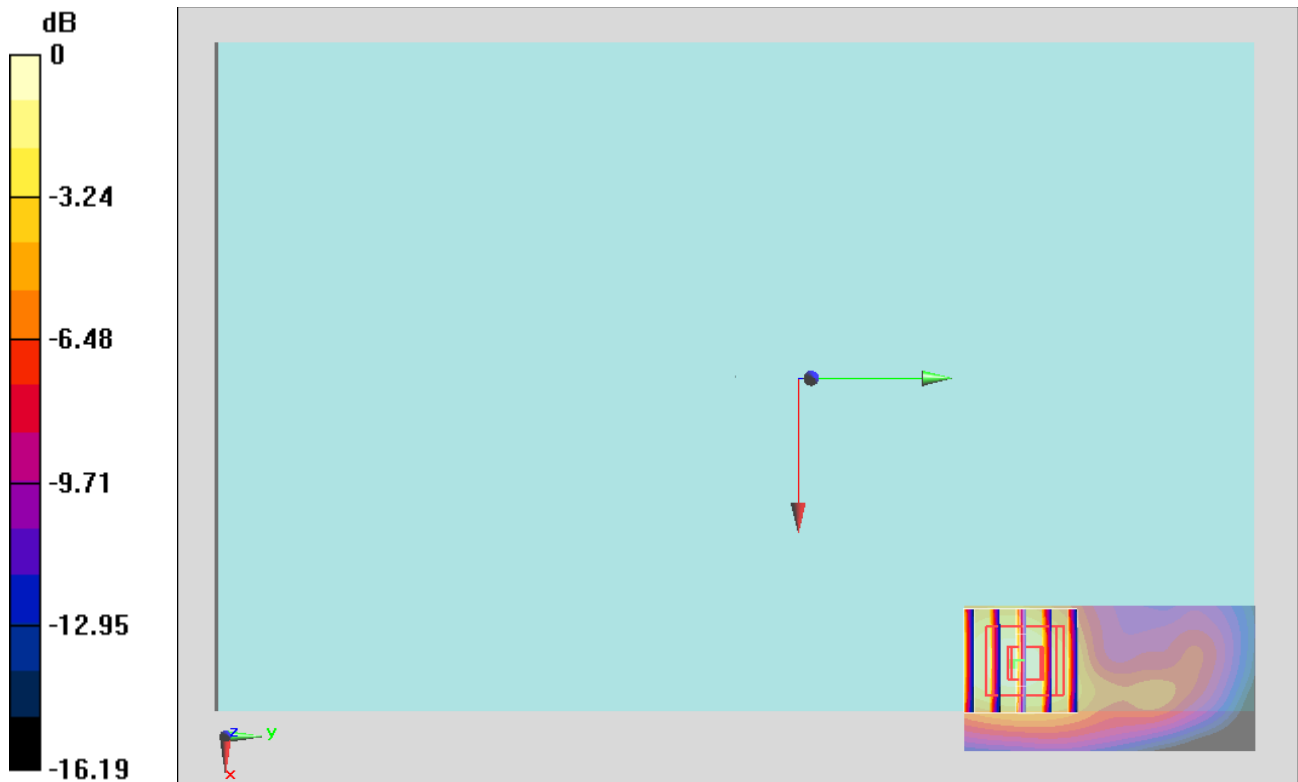Maximum value of SAR (interpolated) = 1.09 W/kg

Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.224 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.486 W/kg
Maximum value of SAR (measured) = 1.16 W/kg

0 dB = 1.16 W/kg = 0.64 dBW/kg

#28_LTE Band 17_10M_QPSK_1RB_0offset_Curved surface of Edge1_0cm_Ch23780

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_140722 Medium parameters used: f = 709 MHz; σ = 0.935 S/m; ε_r = 54.904; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(9.89, 9.89, 9.89); Calibrated: 2013/11/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6);SEMCAD X Version 14.6.9 (7117)

Configuration/Ch23780/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
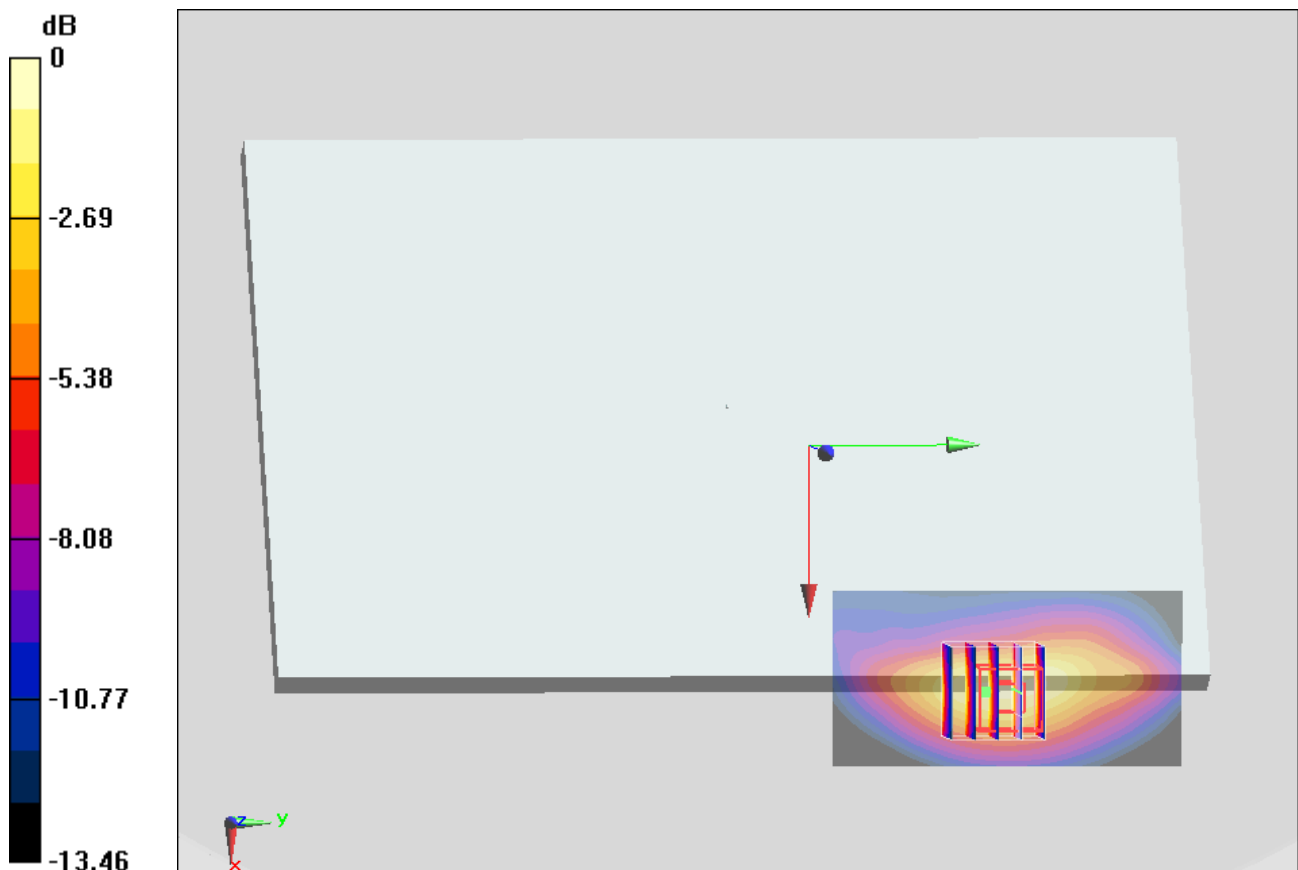Maximum value of SAR (interpolated) = 1.47 W/kg

Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 43.207 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.27 W/kg
SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.664 W/kg
Maximum value of SAR (measured) = 1.72 W/kg

0 dB = 1.72 W/kg = 2.36 dBW/kg

#29_LTE Band 13_10M_QPSK_1RB_0offset_Curved surface of Edge1_0cm_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_140722 Medium parameters used: f = 782 MHz; σ = 0.993 S/m; ε$_r$ = 53.334; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(9.89, 9.89, 9.89); Calibrated: 2013/11/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6);SEMCAD X Version 14.6.9 (7117)

Configuration/Ch23230/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
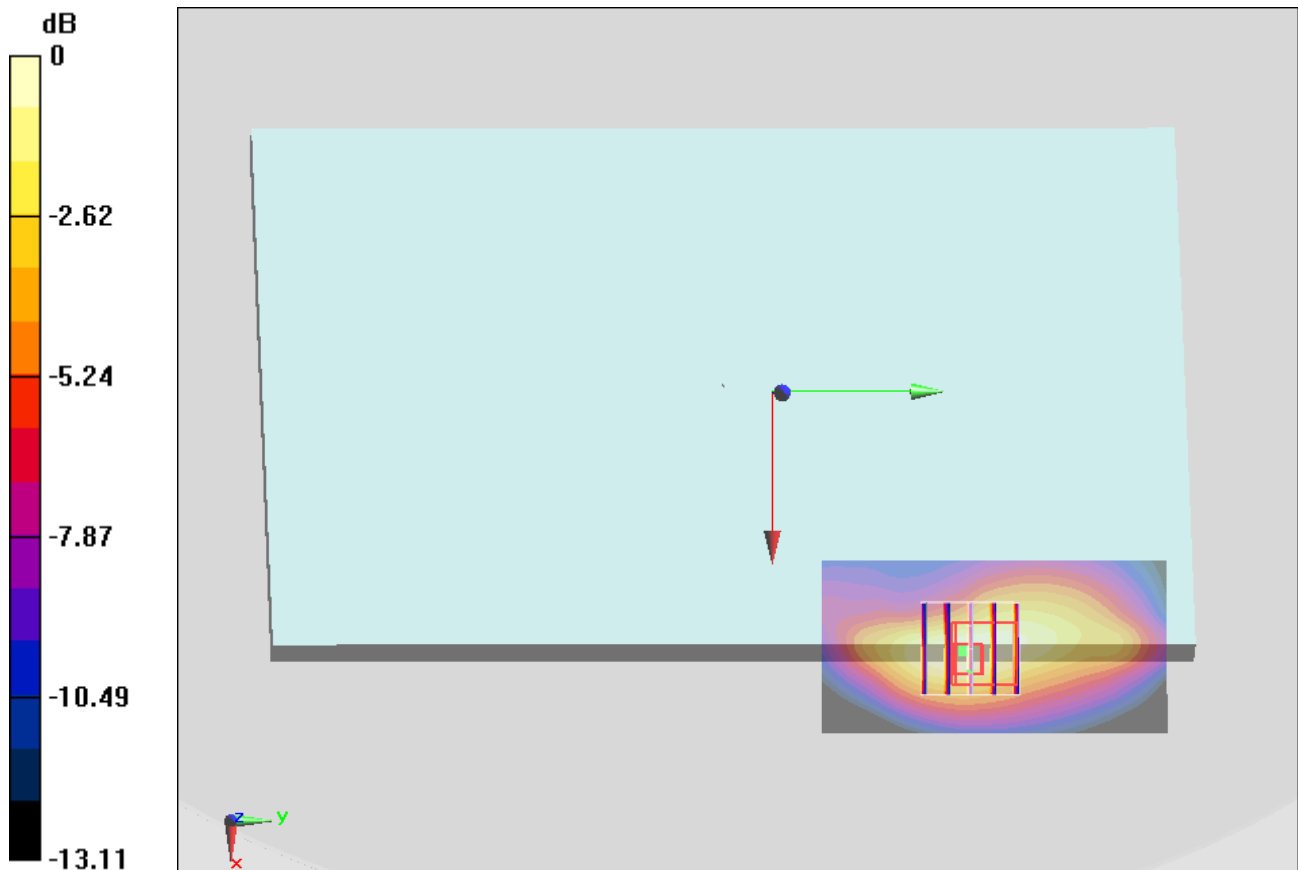Maximum value of SAR (interpolated) = 1.53 W/kg

Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 40.934 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.693 W/kg
Maximum value of SAR (measured) = 1.50 W/kg

0 dB = 1.50 W/kg = 1.76 dBW/kg

#2:_LTE Band 5_10M_QPSK_1RB_0offset_Curved surface of Edge1_0cm_Ch20450

Communication System: LTE; Frequency: 829 MHz;Duty Cycle: 1:1
Medium: MSL_850_140725 Medium parameters used: f = 829 MHz; σ = 0.977 S/m; ε_r = 54.563; ρ = 1000 kg/m³
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(9.81, 9.81, 9.81); Calibrated: 2013/12/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6);SEMCAD X Version 14.6.9 (7117)

Configuration/Ch20450/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
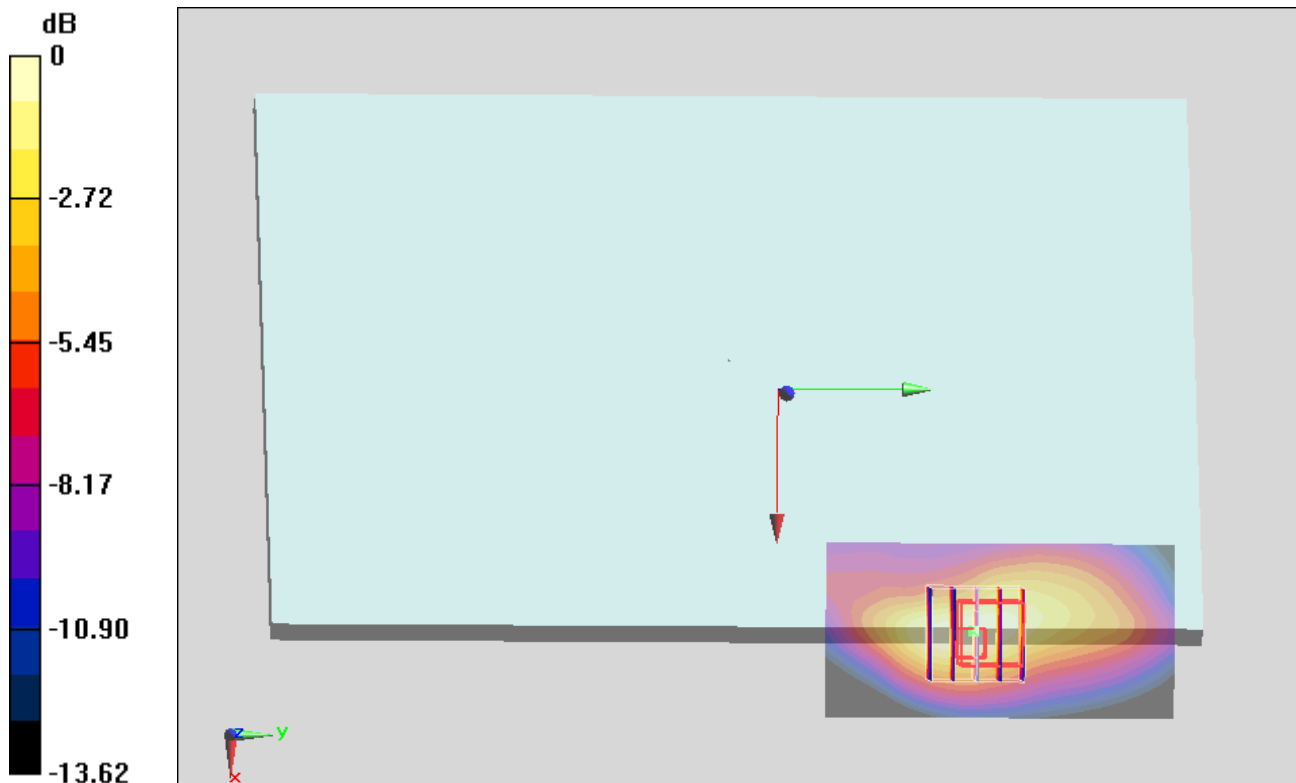Maximum value of SAR (interpolated) = 1.58 W/kg

Configuration/Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 42.428 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.695 W/kg
Maximum value of SAR (measured) = 1.59 W/kg

0 dB = 1.59 W/kg = 2.01 dBW/kg

#2; _LTE Band 4_20M_QPSK_1RB_0offset_Curved surface of Edge1_0cm_Ch20050

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_140726 Medium parameters used: f = 1720 MHz; σ = 1.499 S/m; ε_r = 51.853; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(8.17, 8.17, 8.17); Calibrated: 2013/12/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: ELI_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6);SEMCAD X Version 14.6.9 (7117)

Configuration/Ch20050/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
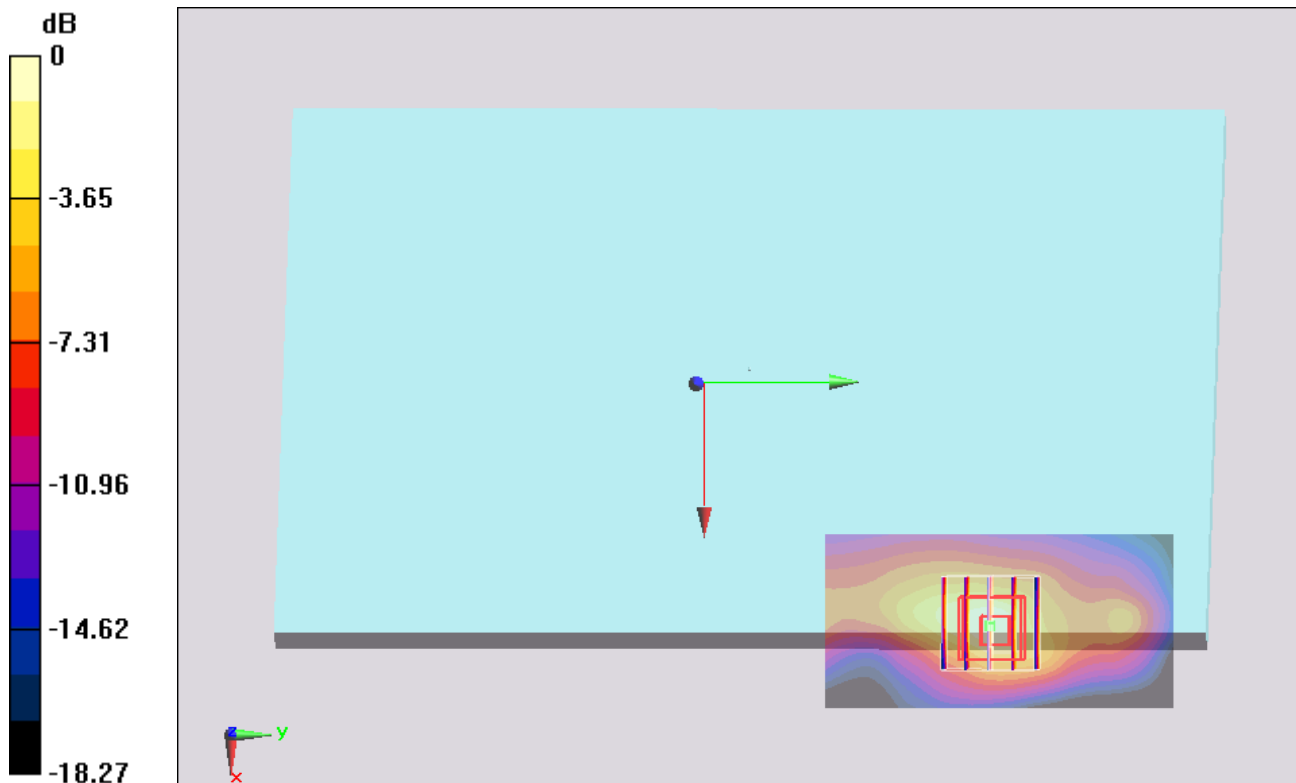Maximum value of SAR (interpolated) = 1.49 W/kg

Configuration/Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.563 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.615 W/kg
Maximum value of SAR (measured) = 1.52 W/kg

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

#32_LTE Band 2_20M_QPSK_1RB_0offset_Bottom Face_0cm_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_140721 Medium parameters used: f = 1900 MHz; σ = 1.526 S/m; ε_r = 52.813; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/9/10;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/5/15
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch19100/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
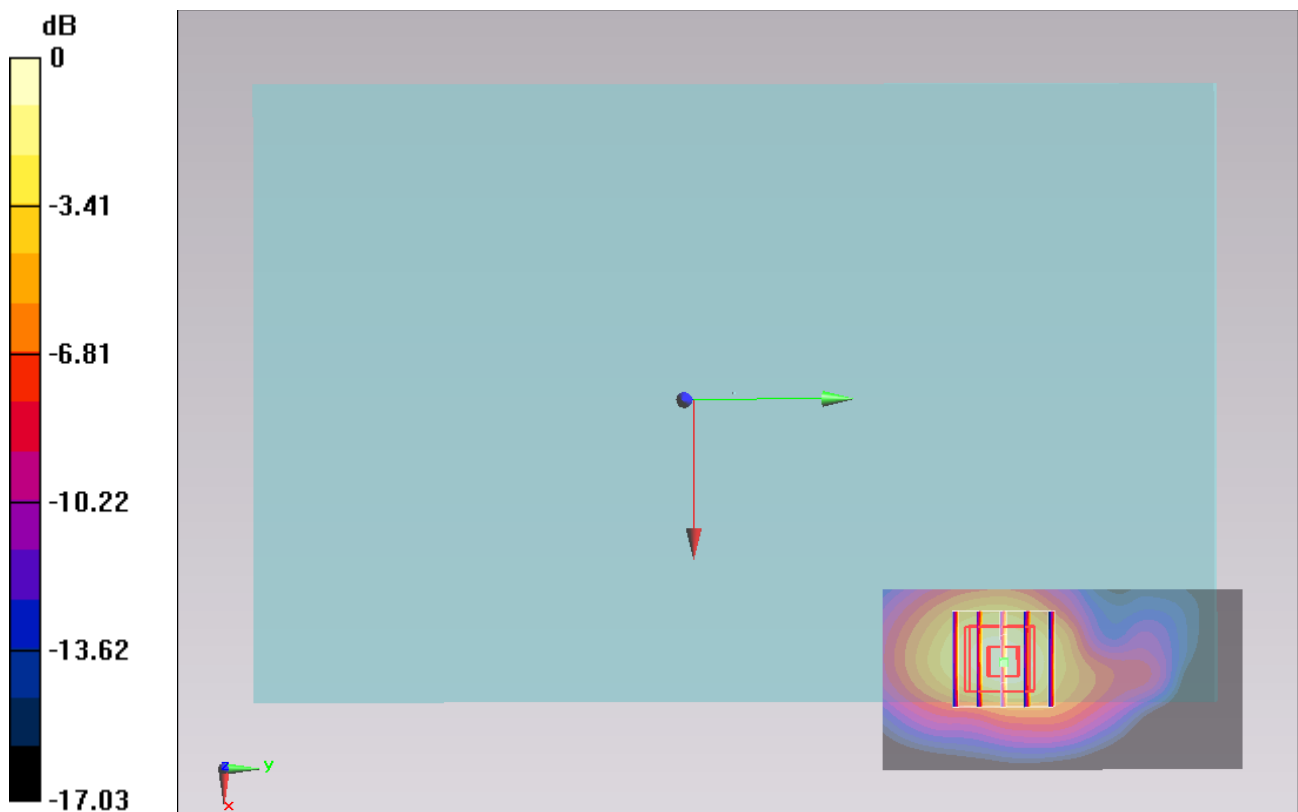Maximum value of SAR (interpolated) = 1.39 W/kg

Configuration/Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.567 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.583 W/kg
Maximum value of SAR (measured) = 1.37 W/kg

dB
0
-3.41
-6.81
-10.22
-13.62
-17.03

0 dB = 1.37 W/kg = 1.37 dBW/kg

#33_LTE Band 7_20M_QPSK_1RB_0offset_Edge 1_0cm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_140717 Medium parameters used: f = 2560 MHz; σ = 2.156 S/m; ε_r = 51.082; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(7.58, 7.58, 7.58); Calibrated: 2013/12/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: ELI_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6);SEMCAD X Version 14.6.9 (7117)

Configuration/Ch21350/Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
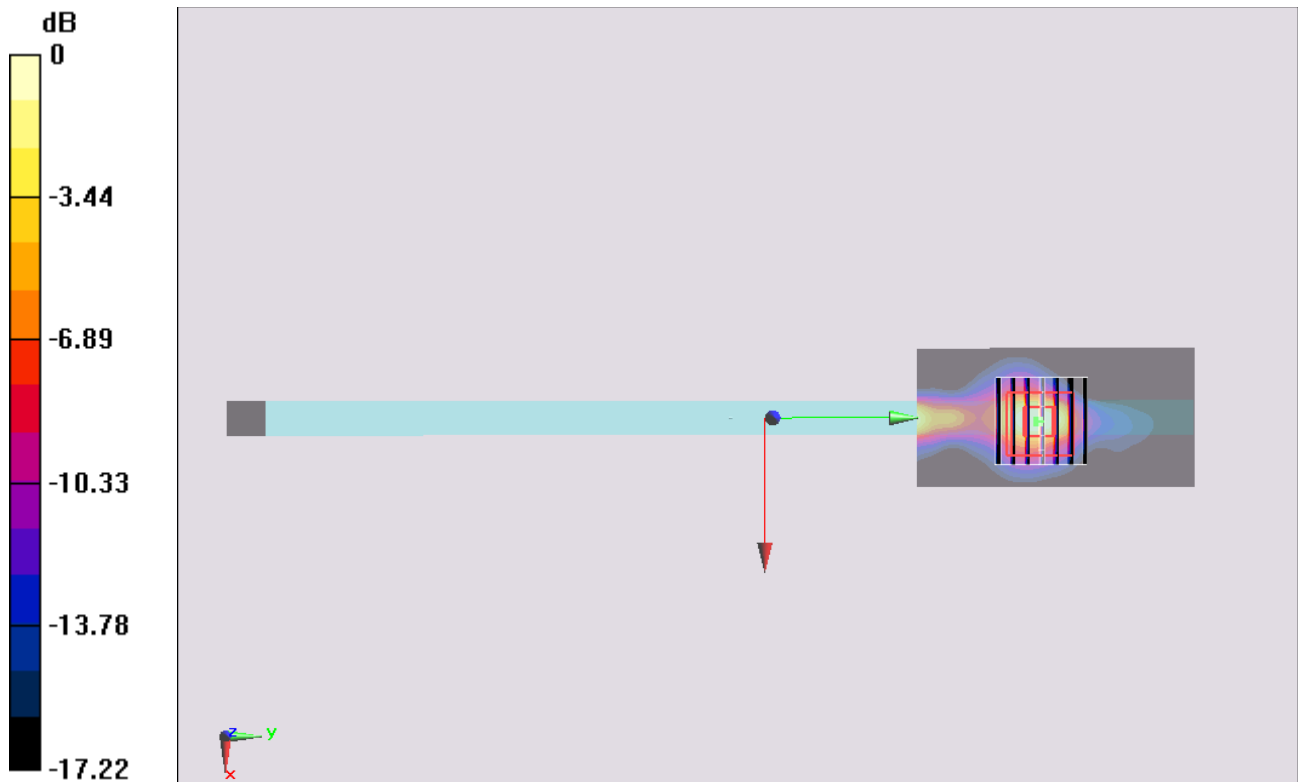Maximum value of SAR (interpolated) = 2.40 W/kg

Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.367 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 3.13 W/kg
SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.450 W/kg
Maximum value of SAR (measured) = 2.15 W/kg

0 dB = 2.15 W/kg = 3.32 dBW/kg

#12_WLAN2.4GHz_802.11b 1Mbps_Curved surface of Edge1_0cm_Ch6;Ant B

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_140730 Medium parameters used: f = 2437 MHz; σ = 1.913 S/m; ε_r = 53.307; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.32, 7.32, 7.32); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch6/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
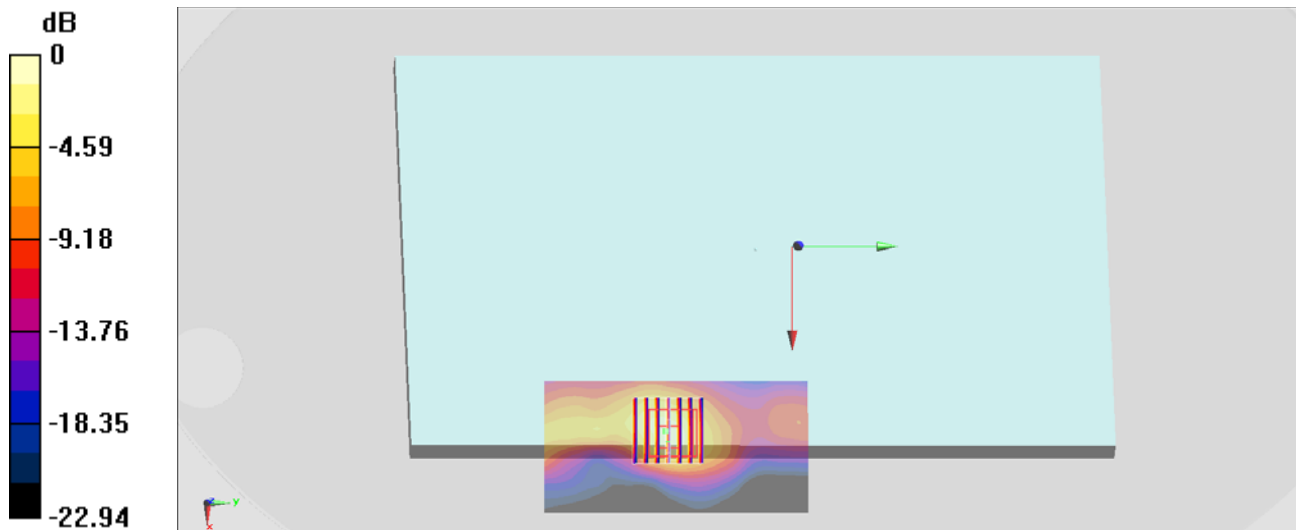Maximum value of SAR (interpolated) = 1.93 W/kg

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.78 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.99 W/kg
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.581 W/kg
Maximum value of SAR (measured) = 2.07 W/kg

0 dB = 2.07 W/kg = 3.16 dBW/kg