#01_GSM850_GPRS (2 Tx slots)_Bottom Face_0mm_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium: MSL_850_150910 Medium parameters used : f = 824.2 MHz; σ = 0.956 S/m; ε_r = 56.779; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.15, 6.15, 6.15); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch128/Area Scan (61x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
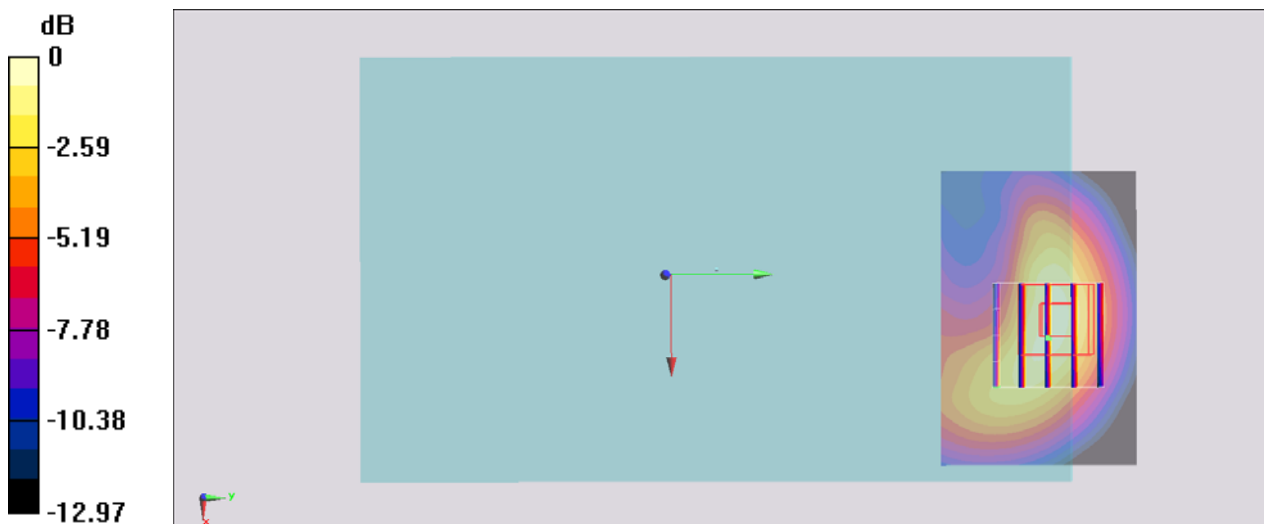Maximum value of SAR (interpolated) = 1.34 W/kg

Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 42.09 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.594 W/kg
Maximum value of SAR (measured) = 1.52 W/kg

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

#02_GSM1900_GPRS (2 Tx slots)_Edge 1_0mm_Ch810

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium: MSL_1900_150909 Medium parameters used: f = 1910 MHz; σ = 1.558 S/m; ε_r = 54.487; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.7, 4.7, 4.7); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch810/Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
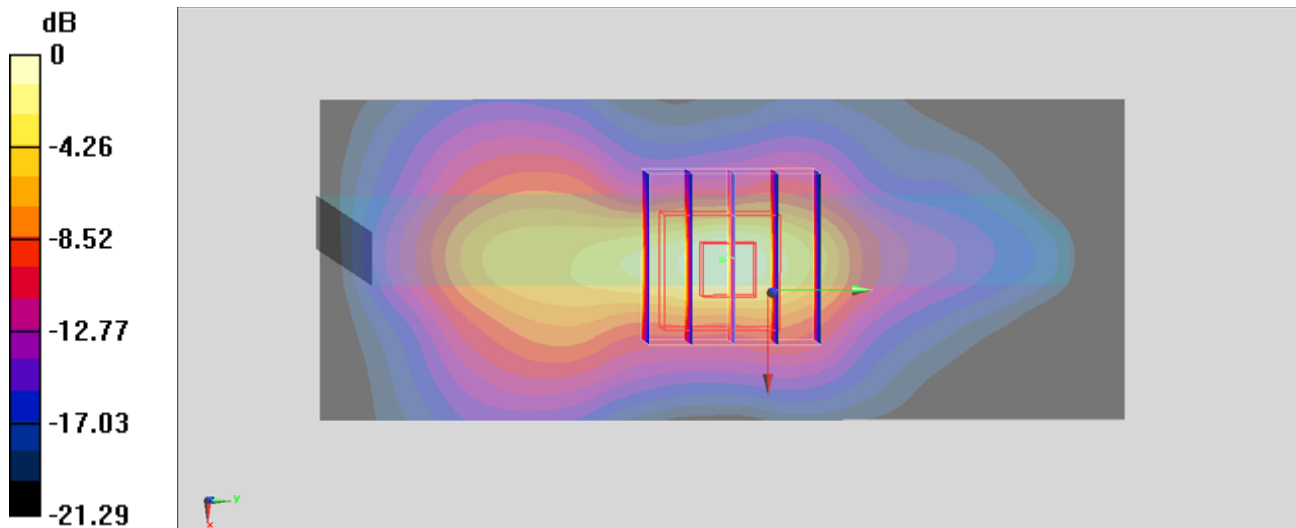Maximum value of SAR (interpolated) = 2.42 W/kg

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 43.02 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.25 W/kg
SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.540 W/kg
Maximum value of SAR (measured) = 2.18 W/kg

0 dB = 2.18 W/kg = 3.38 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Bottom Face_0mm_Ch4182

Communication System: WCDMA ; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_150910 Medium parameters used : f = 836.4 MHz; σ = 0.968 S/m; ε_r = 56.675; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.15, 6.15, 6.15); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4182/Area Scan (61x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
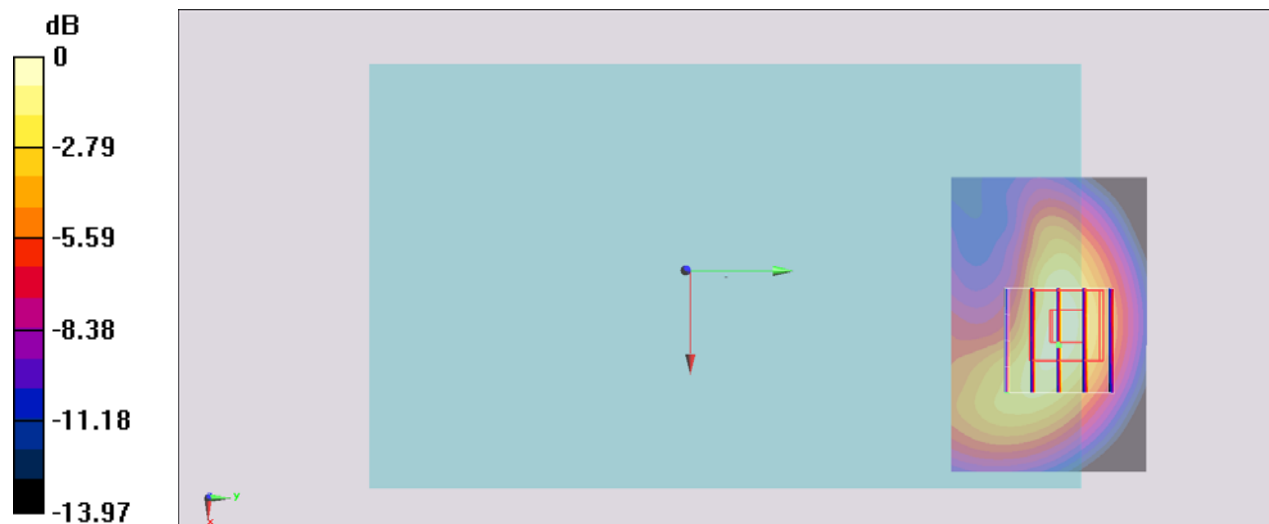Maximum value of SAR (interpolated) = 1.40 W/kg

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 43.08 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.10 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.606 W/kg
Maximum value of SAR (measured) = 1.57 W/kg

0 dB = 1.57 W/kg = 1.96 dBW/kg

#04_WCDMA IV_RMC 12.2Kbps_Edge 1_0mm_Ch1312

Communication System: WCDMA ; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1750_150909 Medium parameters used : f = 1712.4 MHz; σ = 1.428 S/m; ε_r = 55.103; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1312/Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
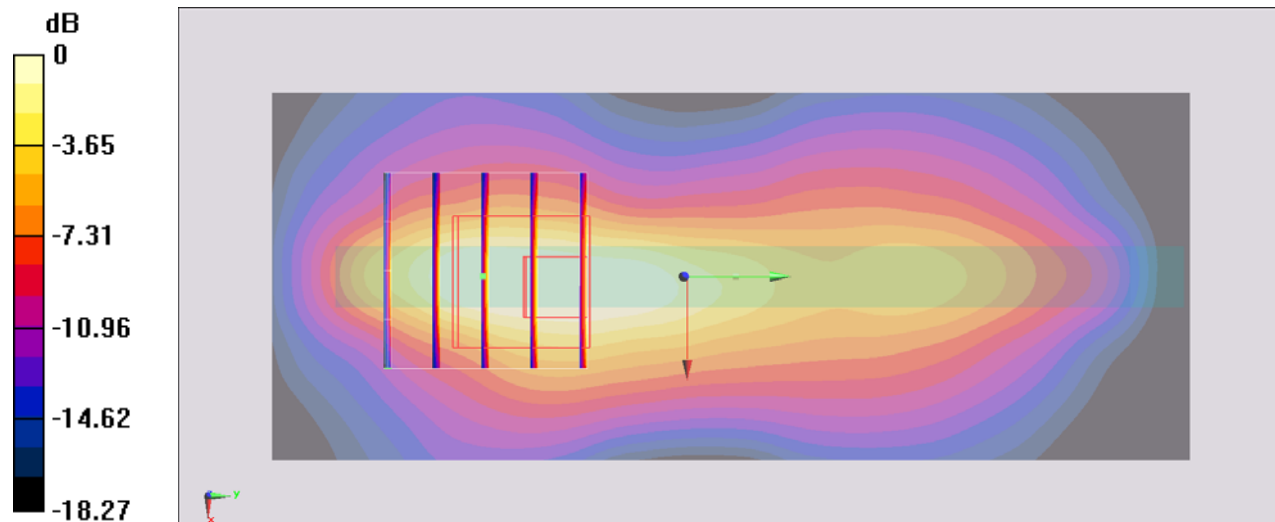Maximum value of SAR (interpolated) = 1.64 W/kg

Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.97 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.548 W/kg
Maximum value of SAR (measured) = 1.41 W/kg

0 dB = 1.41 W/kg = 1.49 dBW/kg

#05_WCDMA II_RMC 12.2Kbps_Edge 1_0mm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_150909 Medium parameters used: f = 1908 MHz; σ = 1.556 S/m; $ε_r$ = 54.496; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.7, 4.7, 4.7); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9538/Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
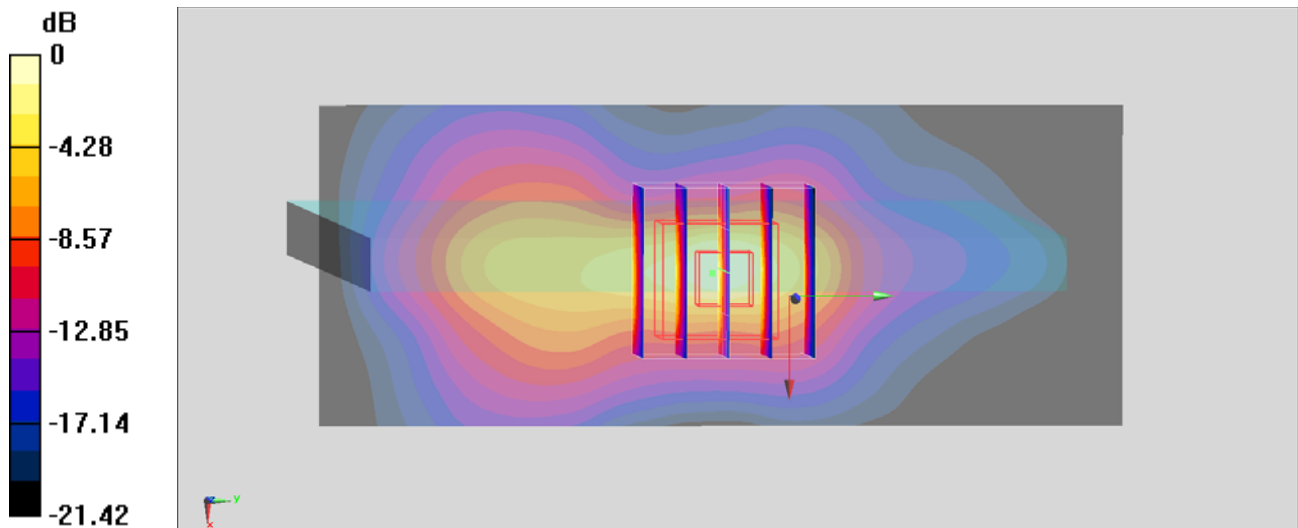Maximum value of SAR (interpolated) = 1.98 W/kg

Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 40.32 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.94 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.476 W/kg
Maximum value of SAR (measured) = 2.10 W/kg

0 dB = 2.10 W/kg = 3.22 dBW/kg

#06_CDMA2000 BC10_RTAP 153.6Kbps_Bottom Face_0mm_Ch684

Communication System: CDMA ; Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: MSL_850_150910 Medium parameters used: f = 823.1 MHz; σ = 0.955 S/m; ε_r = 56.788; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.15, 6.15, 6.15); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch684/Area Scan (61x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
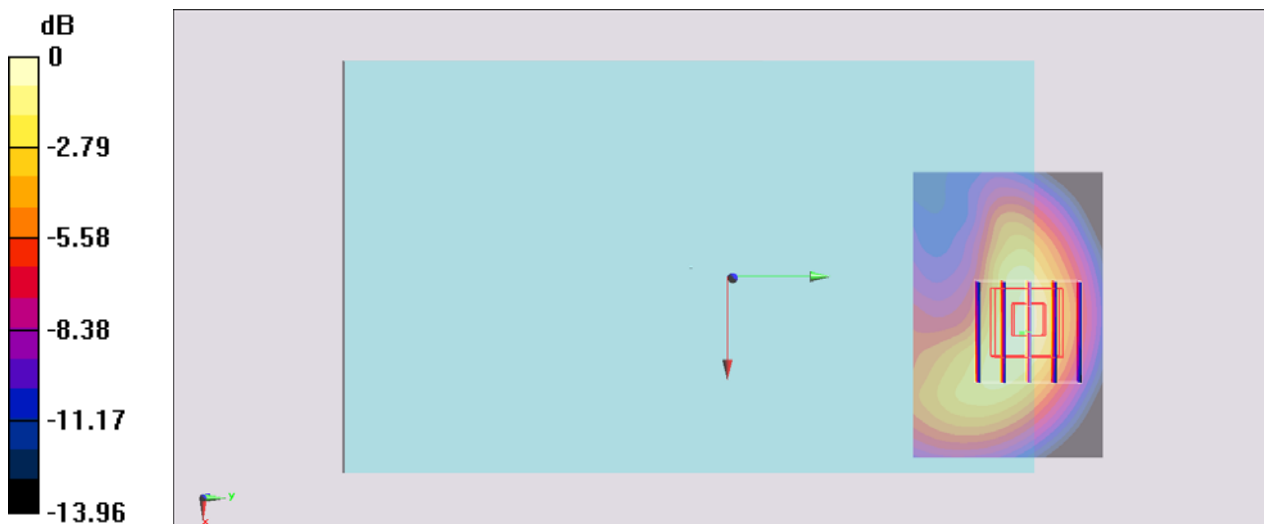Maximum value of SAR (interpolated) = 1.08 W/kg

Configuration/Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.78 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.473 W/kg
Maximum value of SAR (measured) = 1.24 W/kg

0 dB = 1.24 W/kg = 0.93 dBW/kg

#07_CDMA2000 BC0_RTAP 153.6Kbps_Bottom Face_0mm_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_850_150910 Medium parameters used : f = 848.31 MHz; σ = 0.978 S/m; ε_r = 56.571; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.15, 6.15, 6.15); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch777/Area Scan (61x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
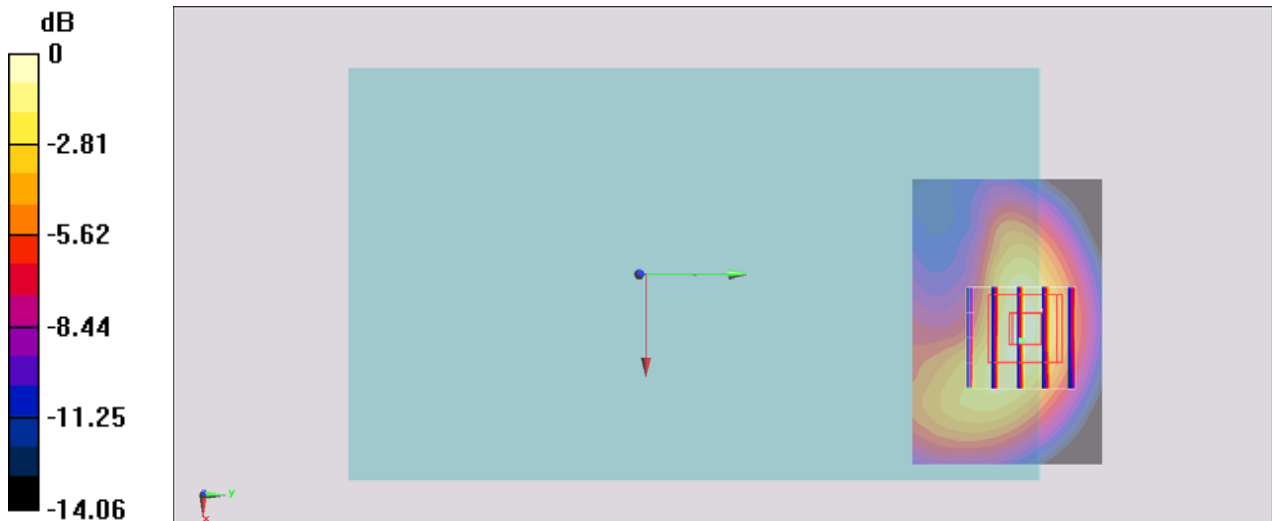Maximum value of SAR (interpolated) = 1.07 W/kg

Configuration/Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.07 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.473 W/kg
Maximum value of SAR (measured) = 1.24 W/kg

0 dB = 1.24 W/kg = 0.93 dBW/kg

#08_CDMA2000 BC1_RTAP 153.6Kbps_Edge 1_0mm_Ch1175

Communication System: CDMA; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_150909 Medium parameters used: f = 1909 MHz; σ = 1.557 S/m; ε_r = 54.493; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.7, 4.7, 4.7); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1175/Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
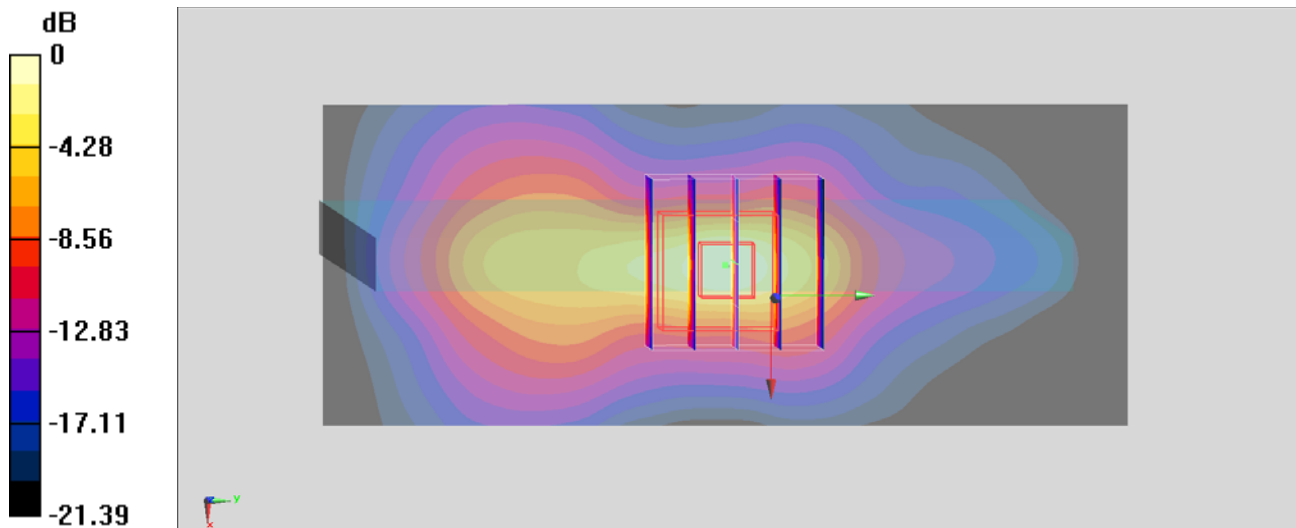Maximum value of SAR (interpolated) = 2.24 W/kg

Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 41.59 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.01 W/kg
SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.494 W/kg
Maximum value of SAR (measured) = 2.08 W/kg

0 dB = 2.08 W/kg = 3.18 dBW/kg

#09_LTE Band 17_10M_QPSK_25_0_Bottom Face_0mm_Ch23790

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL750_150911 Medium parameters used: f = 710 MHz; σ = 0.923 S/m; ε_r = 56.493; ρ = 1000 kg/m³
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.17, 6.17, 6.17); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch23790/Area Scan (101x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
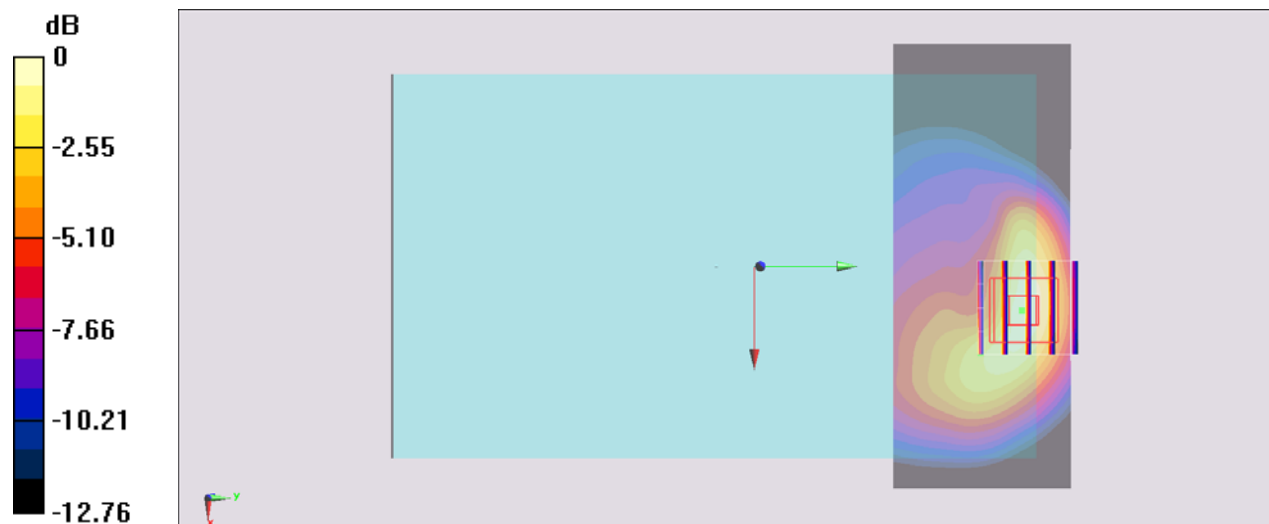Maximum value of SAR (interpolated) = 1.43 W/kg

Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 42.50 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.575 W/kg
Maximum value of SAR (measured) = 1.45 W/kg

0 dB = 1.45 W/kg = 1.61 dBW/kg

#10_LTE Band 13_10M_QPSK_50_0_Bottom Face_0mm_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL750_150911 Medium parameters used: f = 782 MHz; σ = 0.992 S/m; ε$_r$ = 55.922; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.17, 6.17, 6.17); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch23230/Area Scan (101x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.53 W/kg

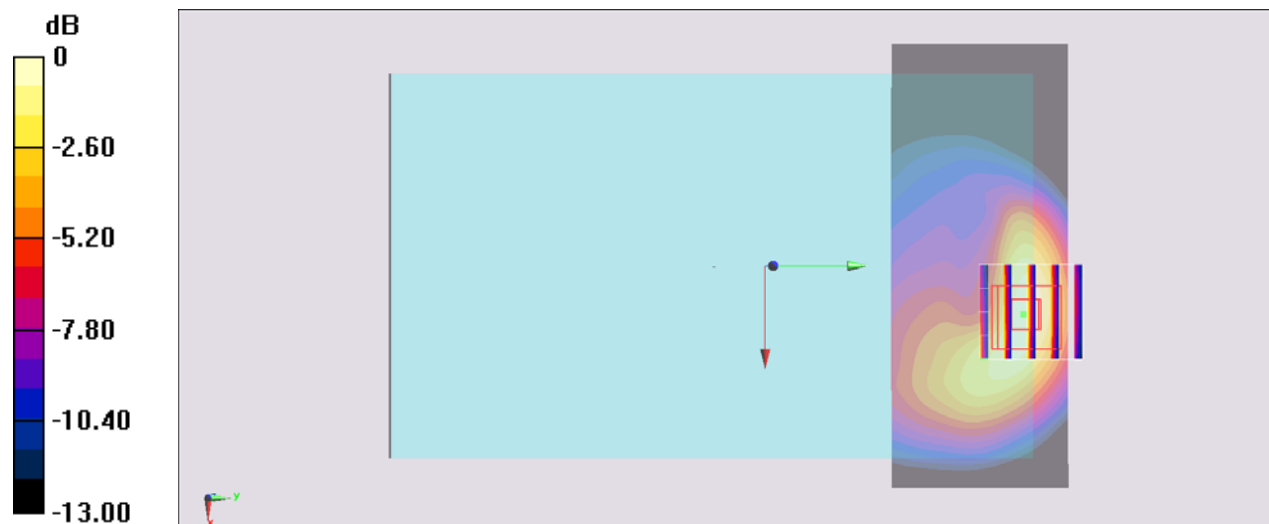**Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 41.71 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.588 W/kg
Maximum value of SAR (measured) = 1.50 W/kg

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

#11_LTE Band 5_10M_QPSK_50_0_Bottom Face_0mm_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_150910 Medium parameters used: f = 836.5 MHz; σ = 0.968 S/m; ε$_r$ = 56.674;
ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.15, 6.15, 6.15); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20525/Area Scan (61x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
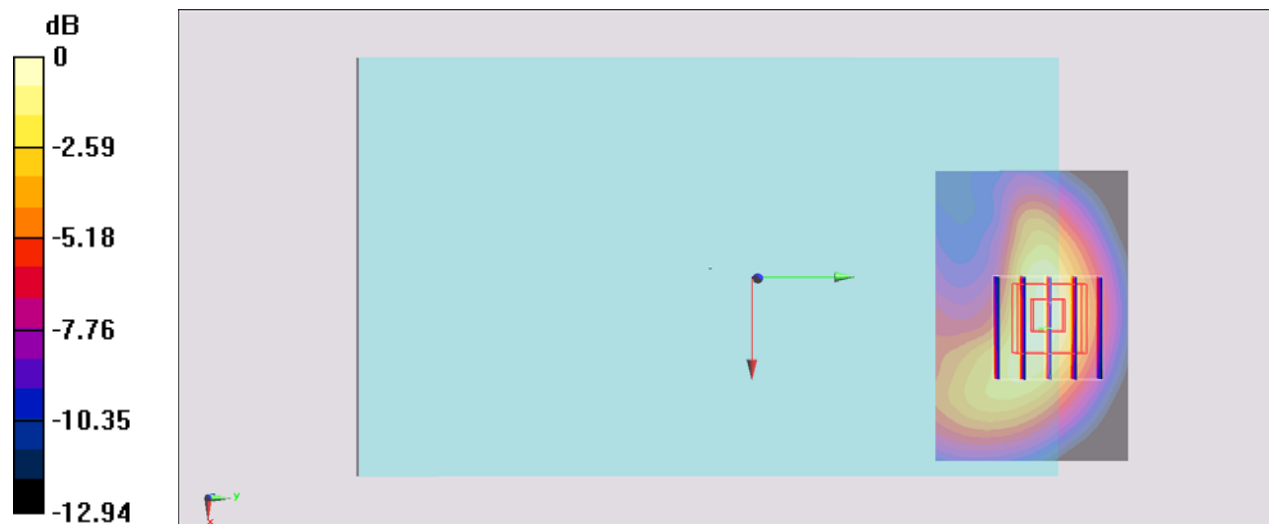Maximum value of SAR (interpolated) = 1.30 W/kg

Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 41.41 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.561 W/kg
Maximum value of SAR (measured) = 1.44 W/kg

0 dB = 1.44 W/kg = 1.58 dBW/kg

#12_LTE Band 4_20M_QPSK_100_0_Edge 1_0mm_Ch20175

Communication System: LTE ; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_150909 Medium parameters used : f = 1732.5 MHz; σ = 1.452 S/m; ε_r = 55.037; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20175/Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
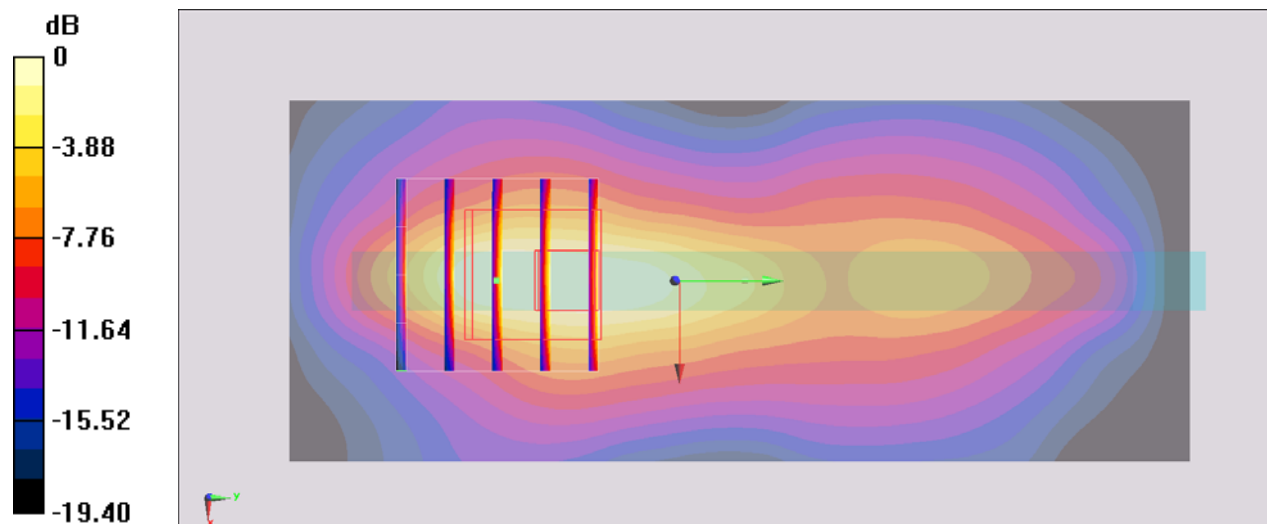Maximum value of SAR (interpolated) = 1.98 W/kg

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.53 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.58 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.587 W/kg
Maximum value of SAR (measured) = 1.78 W/kg

0 dB = 1.78 W/kg = 2.50 dBW/kg

#13_LTE Band 25_20M_QPSK_50_0_Edge 1_0mm_Ch26590

Communication System: LTE; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: MSL_1900_150909 Medium parameters used: f = 1905 MHz; σ = 1.552 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.7, 4.7, 4.7); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch26590/Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
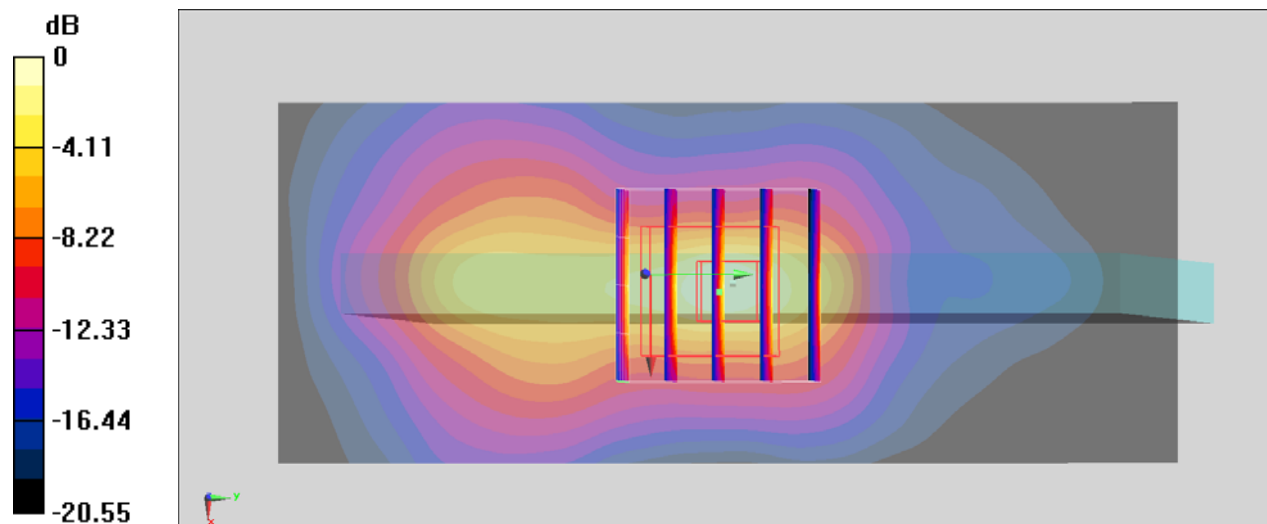Maximum value of SAR (interpolated) = 1.88 W/kg

Configuration/Ch26590/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 39.51 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.74 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.458 W/kg
Maximum value of SAR (measured) = 1.93 W/kg

0 dB = 1.93 W/kg = 2.86 dBW/kg