26_LTE Band 2_20M_QPSK_1RB_0Offset_Bottom Side_5mm_Ch18700
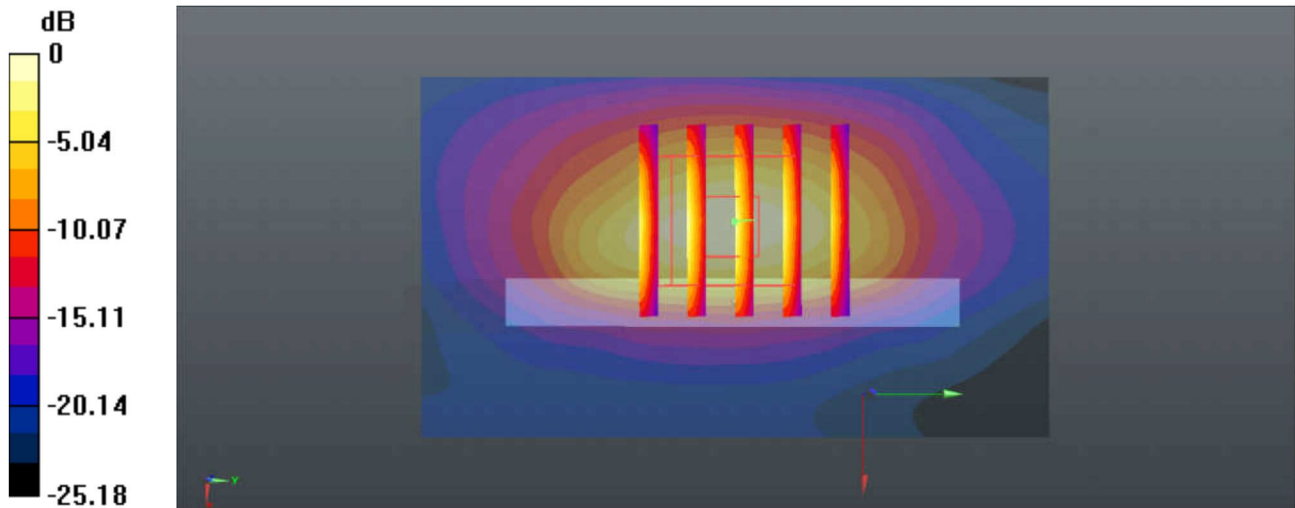

Communication System: UID 0, FDD_LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1860 MHz; σ = 1.458 S/m; ε_r = 52.922;

ρ = $1000_{kg/m^3}$
Ambient Temperature：23.2 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3954; ConvF(8.03, 8.03, 8.03); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18700/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.99 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.343 W/kg
Maximum value of SAR (measured) = 0.926 W/kg

0 dB = 1.10 W/kg = 0.41 dBW/kg

27_LTE Band 7_20M_QPSK_50RB_0Offset_Back_5mm_Ch20850

Communication System: UID 0, FDD_LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: MSL_2600 Medium parameters used: f = 2510 MHz; σ = 2.061 S/m; ε_r = 53.228;

$\rho = 1000 \text{kg/m}^3$

Ambient Temperature：23.5 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3954; ConvF(6.92, 6.92, 6.92); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20850/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.877 W/kg

Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.977 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.255 W/kg
Maximum value of SAR (measured) = 0.775 W/kg
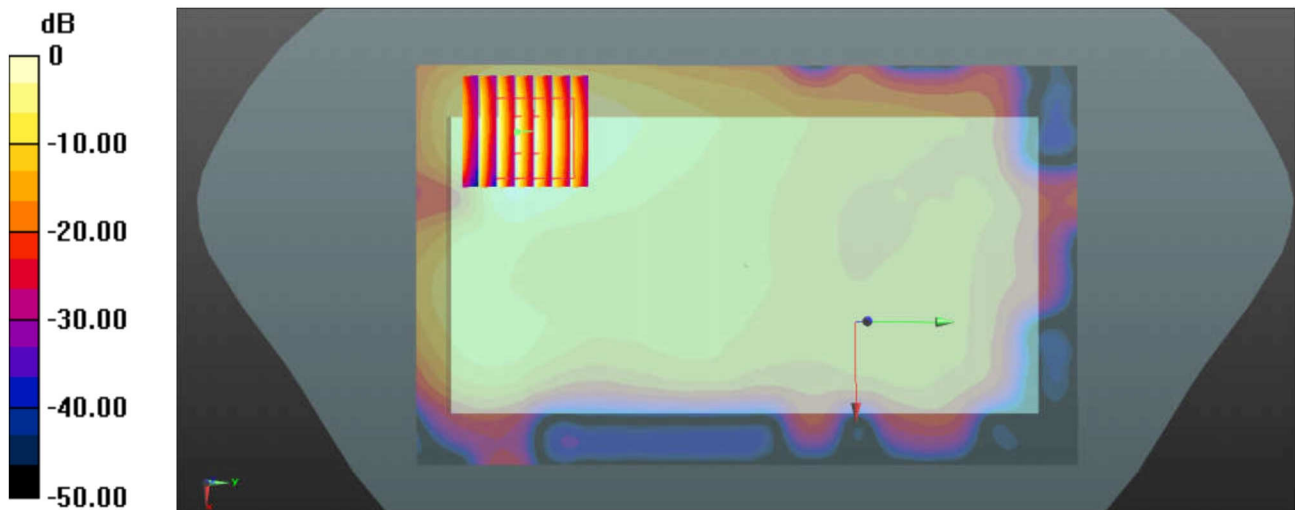
0 dB = 0.877 W/kg = -0.57 dBW/kg

28_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: f = 2462 MHz; σ = 1.993 S/m; ε_r = 53.398;
ρ = 1000$_{kg/m^3}$
Ambient Temperature：23.2 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3954; ConvF(7.53, 7.53, 7.53); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.674 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.973 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.729 W/kg
SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.181 W/kg
Maximum value of SAR (measured) = 0.523 W/kg
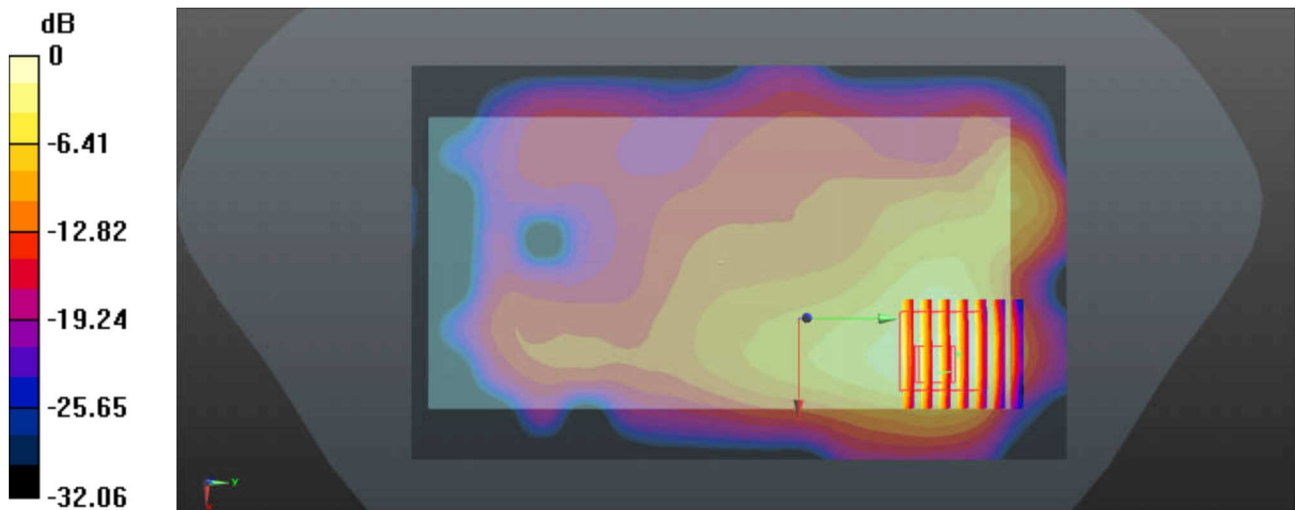
0 dB = 0.674 W/kg = -1.71 dBW/kg

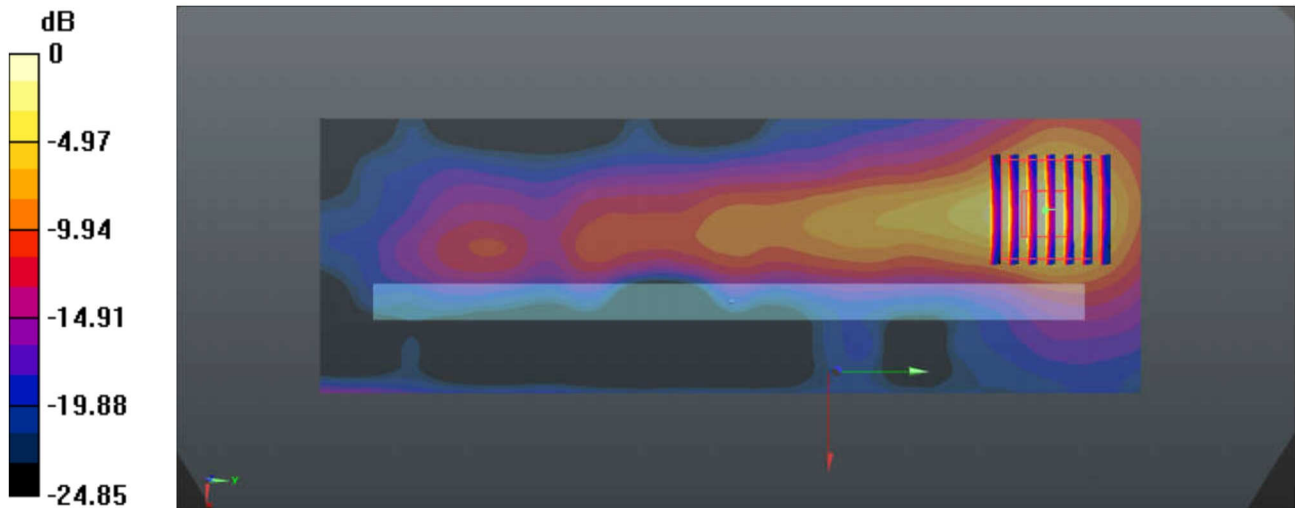## 29_WLAN5.2GHz_802.11a 6Mbps_Left Side_5mm_Ch40

Communication System: UID 0, WIFI (0); Frequency: 5200 MHz;Duty Cycle: 1:1.018
Medium: MSL_5000 Medium parameters used: f = 5200 MHz; σ = 5.438 S/m; ε_r = 48.043;

$\rho = 1000 \text{kg/m}^3$
Ambient Temperature：23.3 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3954; ConvF(4.62, 4.62, 4.62); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40/Area Scan (61x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.99 W/kg

Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.699 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.268 W/kg
Maximum value of SAR (measured) = 1.98 W/kg

0 dB = 1.99 W/kg = 2.99 dBW/kg

30_WLAN5.8GHz_802.11a 6Mbps_Left Side_5mm_Ch157

Communication System: UID 0, WIFI (0); Frequency: 5785 MHz;Duty Cycle: 1:1.018

Medium: MSL_5000 Medium parameters used: f = 5785 MHz; σ = 6.206 S/m; ε_r = 47.073;

$\rho = 1000_{kg/m^3}$

Ambient Temperature：23.3 ℃；Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3954; ConvF(4.18, 4.18, 4.18); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch157/Area Scan (51x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.91 W/kg

Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.887 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.47 W/kg
SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 1.91 W/kg
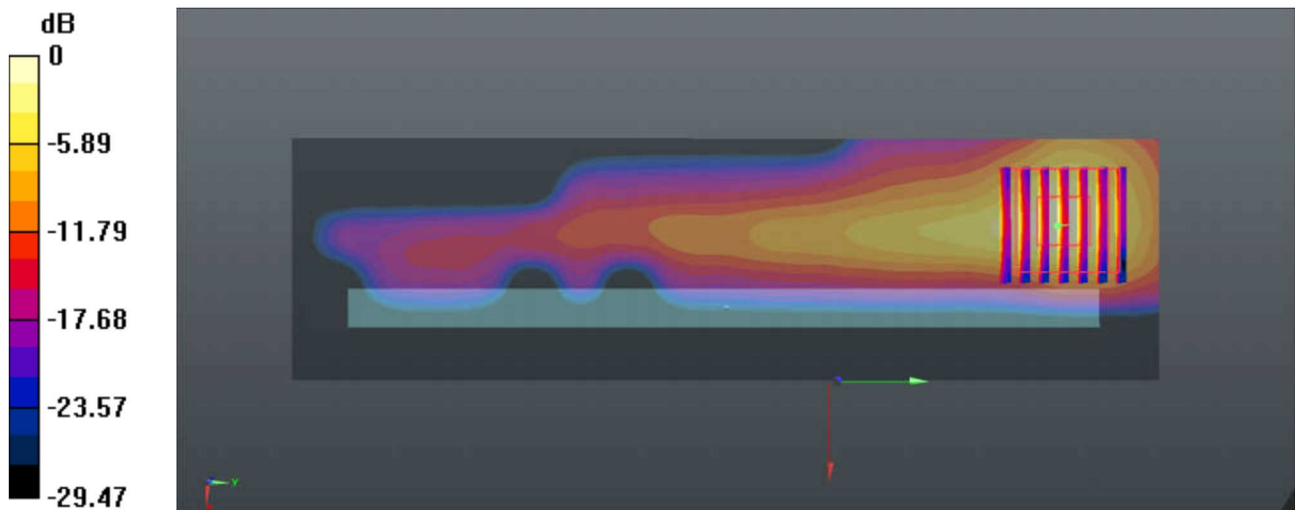
0 dB = 1.91 W/kg = 2.81 dBW/kg

31_Bluetooth_1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz;Duty Cycle: 1:1.298
Medium: MSL_2450 Medium parameters used: f = 2402 MHz; σ = 1.911 S/m; ε_r = 53.608; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3954; ConvF(7.53, 7.53, 7.53); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch0/Area Scan (151x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.595 W/kg

Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.730 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.592 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.137 W/kg
Maximum value of SAR (measured) = 0.435 W/kg
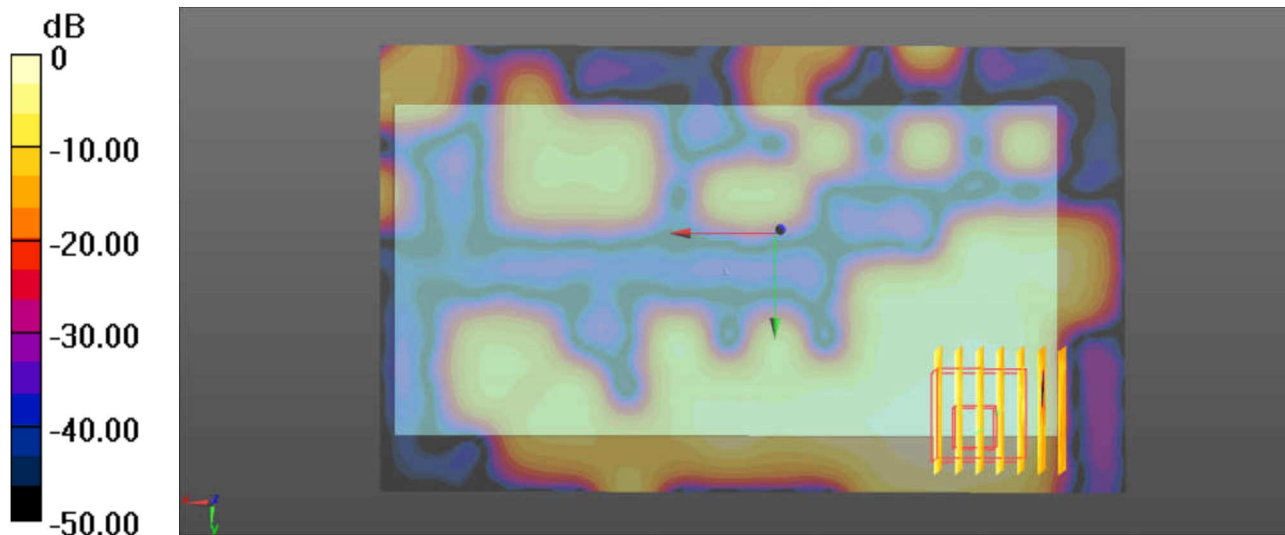
0 dB = 0.435 W/kg = -3.62 dBW/kg

32_GSM850_GPRS 3 Tx slots_Back_5mm_Ch251

Communication System: UID 0, GPRS/EDGE (3 Tx slots) (0); Frequency: 848.8 MHz;Duty Cycle:1:2.77
Medium: MSL_835 Medium parameters used: f = 848.8 MHz; σ = 0.986 S/m; ε_r = 55.026;

ρ =1000kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3954; ConvF(10.02, 10.02, 10.02); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.938 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.11 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.375 W/kg
Maximum value of SAR (measured) = 0.986 W/kg
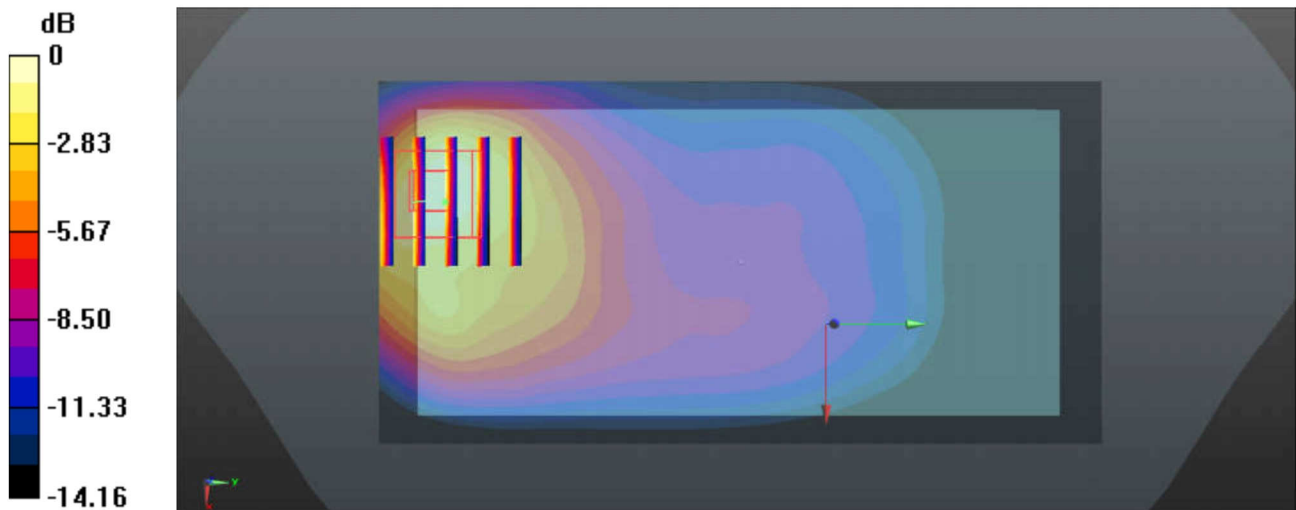
0 dB = 0.938 W/kg = -0.28 dBW/kg

33_GSM1900_GPRS 4 Tx slots_Back_5mm_Ch810

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 1909.8 MHz;Duty Cycle:1:2.08
Medium: MSL_1900 Medium parameters used: f = 1909.8 MHz; σ = 1.526 S/m; ε_r = 52.792;

ρ = 1000kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3954; ConvF(8.03, 8.03, 8.03); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch810/Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
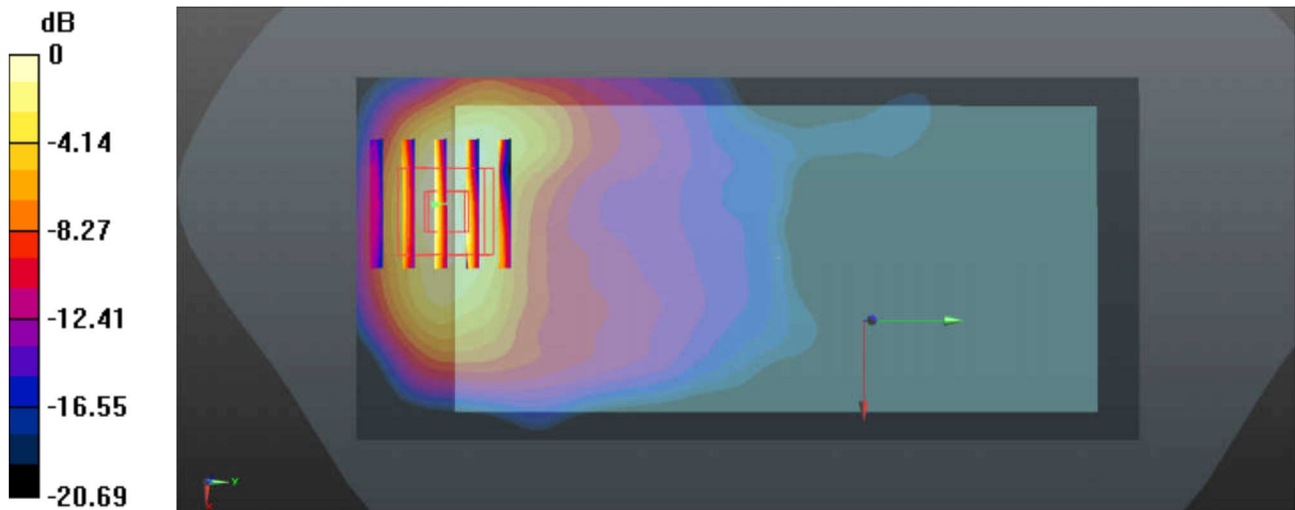Maximum value of SAR (interpolated) = 0.443 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.653 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.703 W/kg
SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.182 W/kg
Maximum value of SAR (measured) = 0.522 W/kg

0 dB = 0.443 W/kg = -3.54 dBW/kg
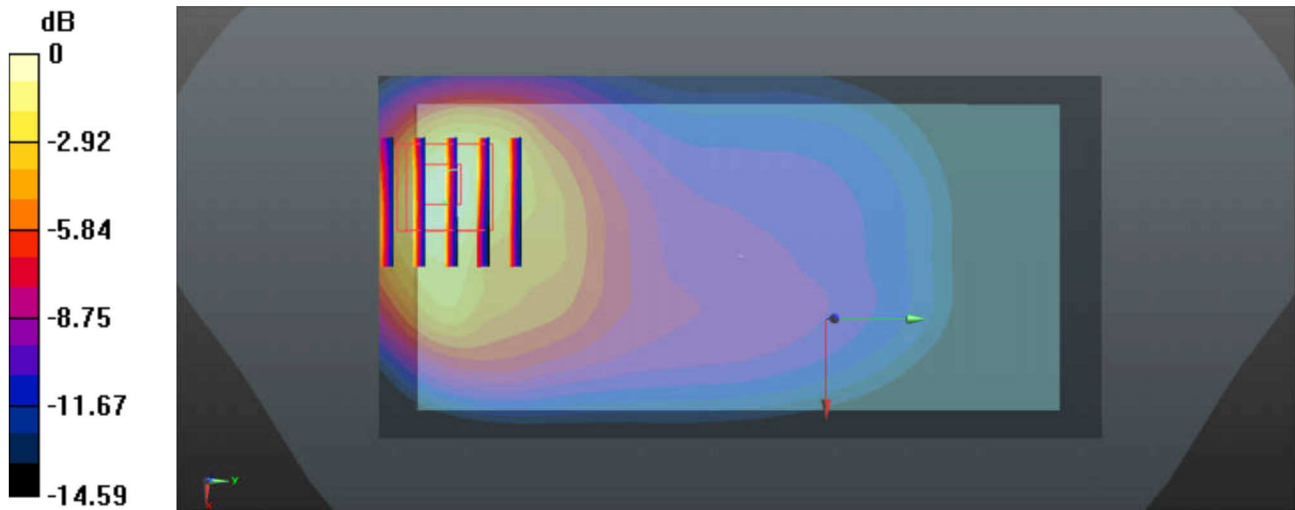
34_WCDMA Band V_RMC12.2Kbps_Back_5mm_Ch4233

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz;Duty Cycle: 1:1

Medium: MSL_835 Medium parameters used: f = 846.6 MHz; σ = 0.984 S/m; ε_r = 55.04;

ρ =1000 kg/m^3

Ambient Temperature：23.5 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3954; ConvF(10.02, 10.02, 10.02); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

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

Reference Value = 12.98 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.493 W/kg

Maximum value of SAR (measured) = 1.36 W/kg

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

## 35_WCDMA II_RMC12.2Kbps_Back_5mm_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1852.4 MHz; σ = 1.482 S/m; ε_r = 53.653; ρ =

1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.82, 7.82, 7.82); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM3; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9262/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.958 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.298 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.443 W/kg
Maximum value of SAR (measured) = 1.22 W/kg
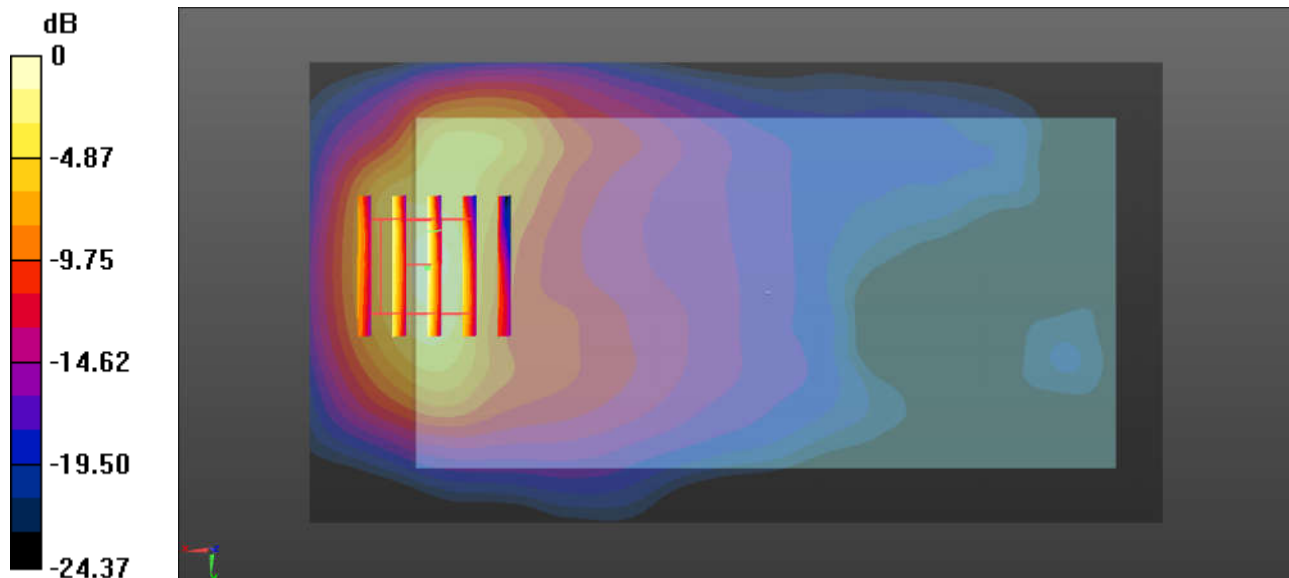
0 dB = 1.22 W/kg = 0.86 dBW/kg
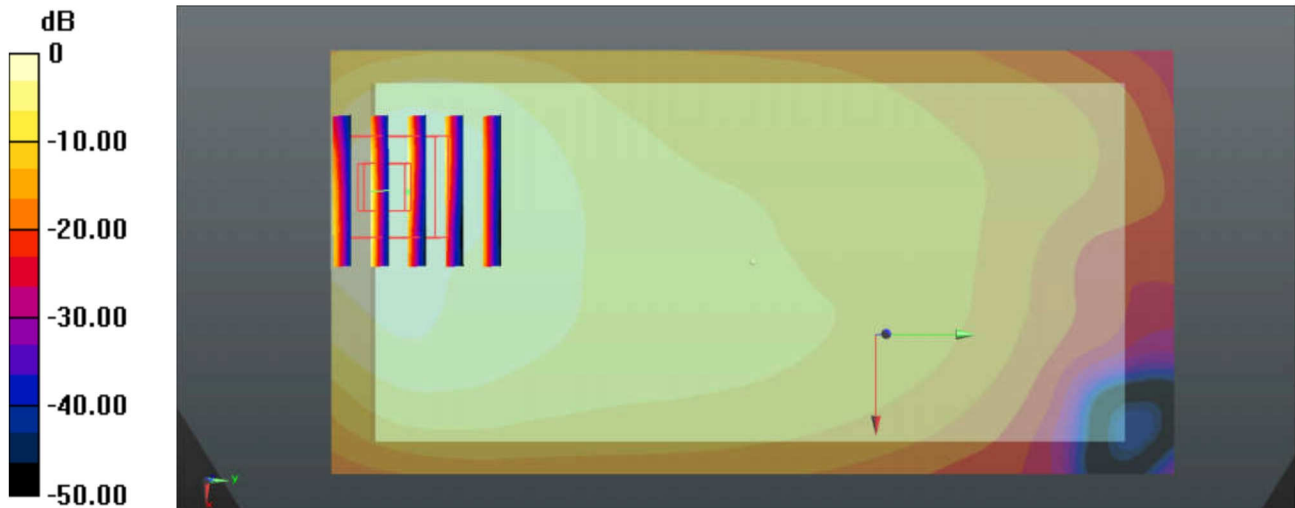
36_CDMA2000 BC0_RC3 SO32 (F+SCH) _Back_5mm_Ch777

Communication System: UID 0, CDMA2000 (0); Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835 Medium parameters used (interpolated): f = 848.31 MHz; σ = 0.985 S/m; ε_r =

55.029; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3954; ConvF(10.02, 10.02, 10.02); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch777/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.903 W/kg

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.12 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.352 W/kg
Maximum value of SAR (measured) = 0.942 W/kg

0 dB = 0.903 W/kg = -0.44 dBW/kg

37_CDMA2000 BC1_RC3 SO32 (F+SCH) _Back_5mm_Ch25
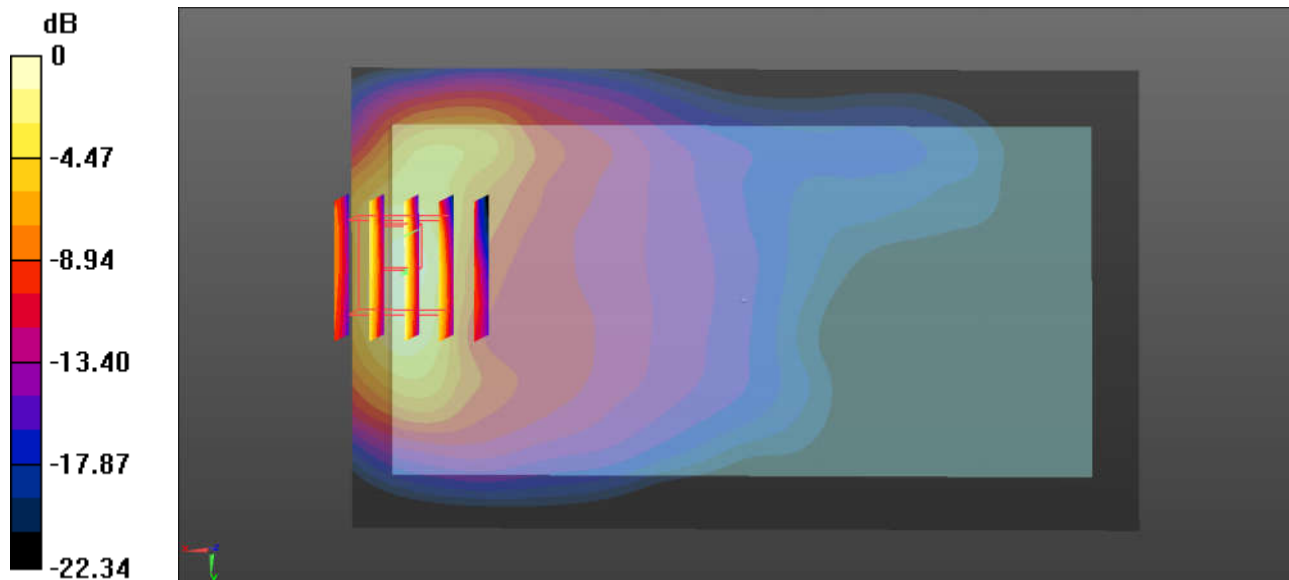
Communication System: UID 0, CDMA2000 (0); Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1851.25 MHz; σ = 1.48 S/m; ε_r = 53.655; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.82, 7.82, 7.82); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM3; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch25/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.937 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.886 W/kg; SAR(10 g) = 0.446 W/kg
Maximum value of SAR (measured) = 1.34 W/kg

0 dB = 1.34 W/kg = 1.27 dBW/kg

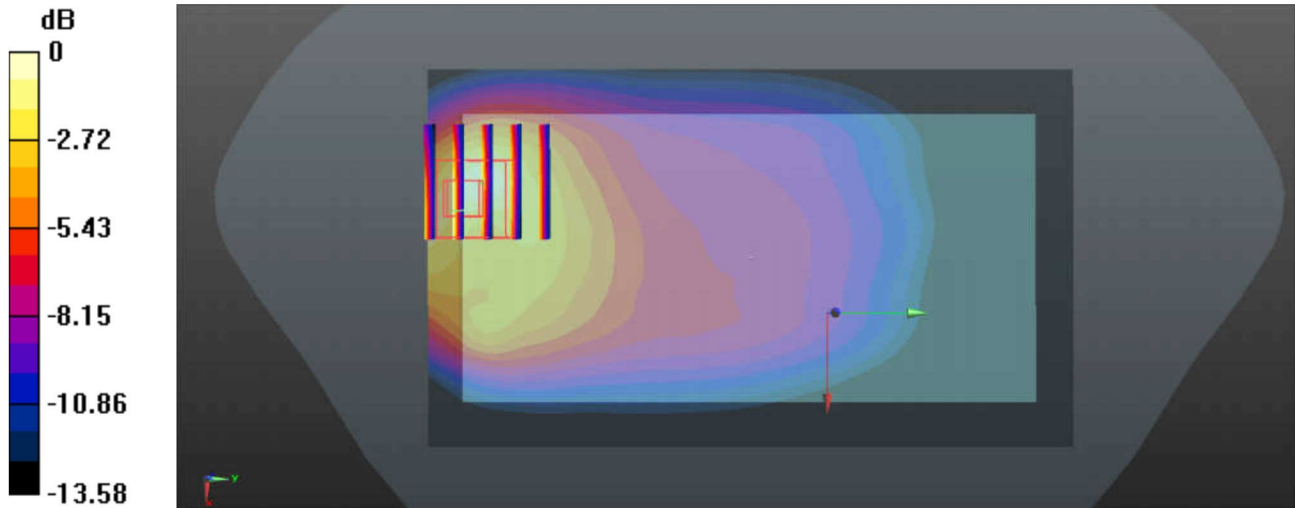## 38_LTE Band 13_10M_QPSK_1RB_0Offset_Back_5mm_Ch23230

Communication System: UID 0, FDD_LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1

Medium: MSL_835 Medium parameters used: f = 782 MHz; σ = 0.92 S/m; ε$_r$ = 55.684;

ρ = 1000 kg/m^3

Ambient Temperature：23.5 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3954; ConvF(10.21, 10.21, 10.21); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23230/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.967 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.91 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.392 W/kg
Maximum value of SAR (measured) = 1.07 W/kg

0 dB = 0.967 W/kg = -0.15 dBW/kg

39_LTE Band 5_10M_QPSK_1RB_25Offset_Back_5mm_Ch20525
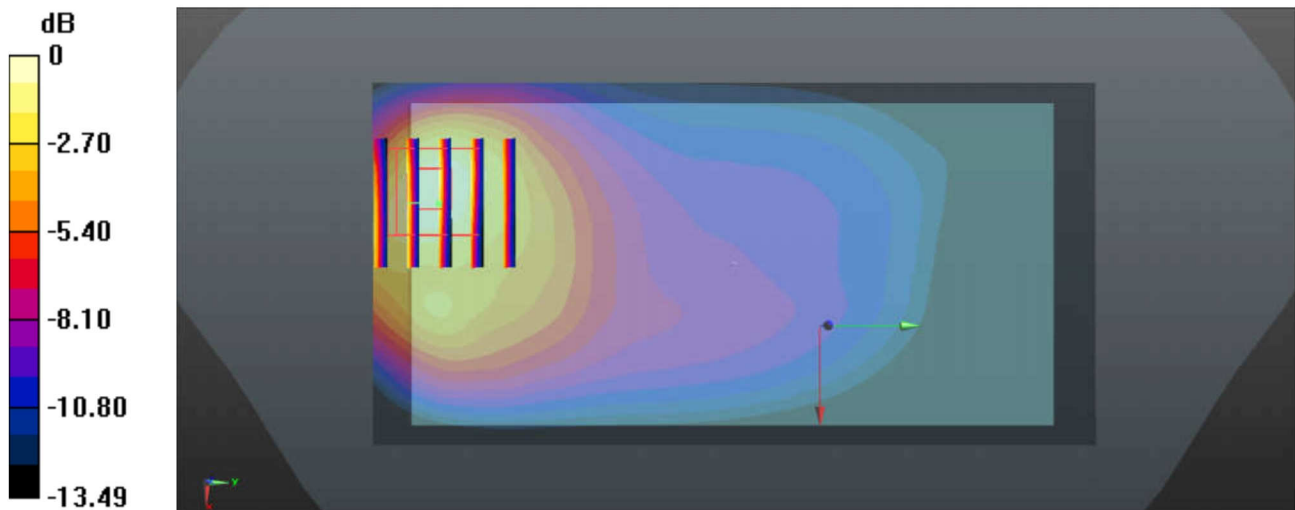
Communication System: UID 0, FDD_LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium: MSL_835 Medium parameters used : f = 836.5 MHz; σ = 0.974 S/m; ε$_r$ = 55.148;

ρ = 1000kg/m^3

Ambient Temperature：23.5 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3954; ConvF(10.02, 10.02, 10.02); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.26 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.17 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.506 W/kg

Maximum value of SAR (measured) = 1.30 W/kg

0 dB = 1.26 W/kg = 1.00 dBW/kg