#01_WCDMA II_RMC 12.2Kbps_Bottom of Latop_0mm_Ch9400

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_190321 Medium parameters used: f = 1880 MHz; σ = 1.531 S/m; ε_r = 54.353; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270;ConvF(4.77, 4.77, 4.77) ;Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
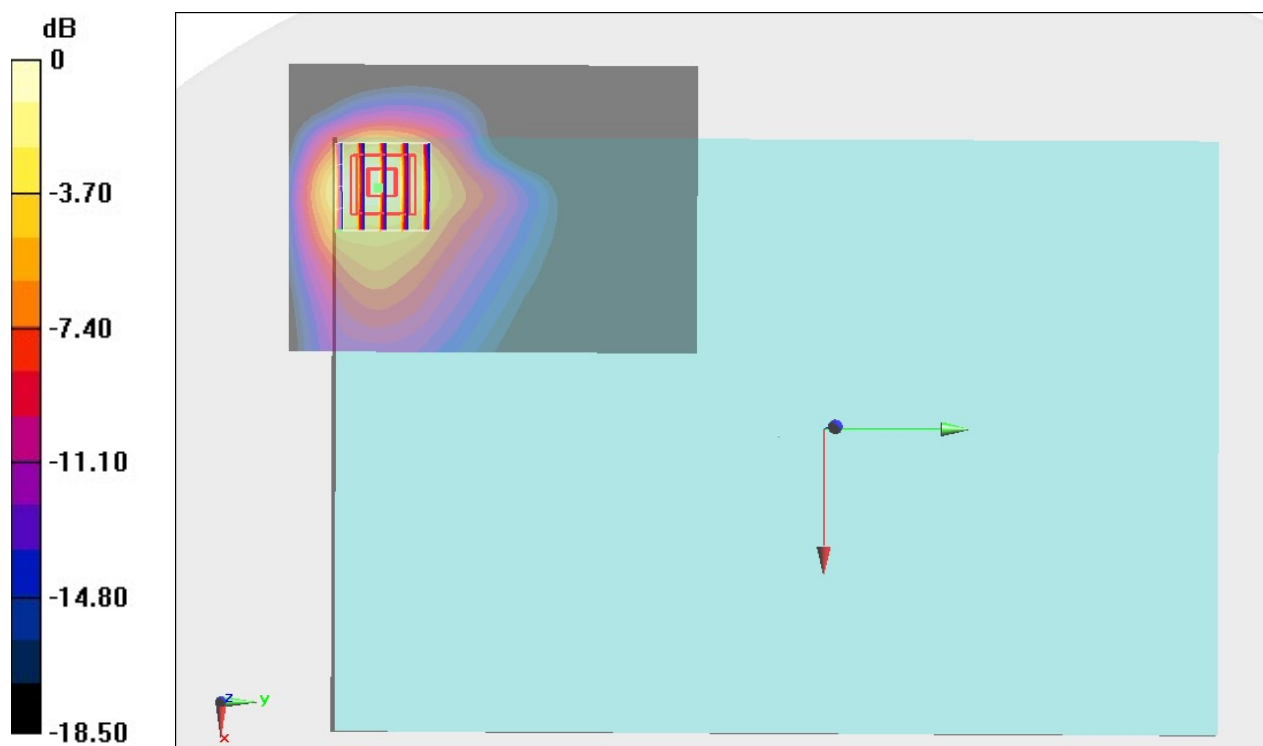Maximum value of SAR (interpolated) = 1.20 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.60 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.508 W/kg
Maximum value of SAR (measured) = 1.29 W/kg

0 dB = 1.29 W/kg = 1.11 dBW/kg

#02_WCDMA IV_RMC 12.2Kbps_Bottom of Latop_0mm_Ch1413

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: MSL_1750_190321 Medium parameters used: f = 1733 MHz; σ = 1.465 S/m; ε_r = 54.519; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270;ConvF(4.97, 4.97, 4.97) ;Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
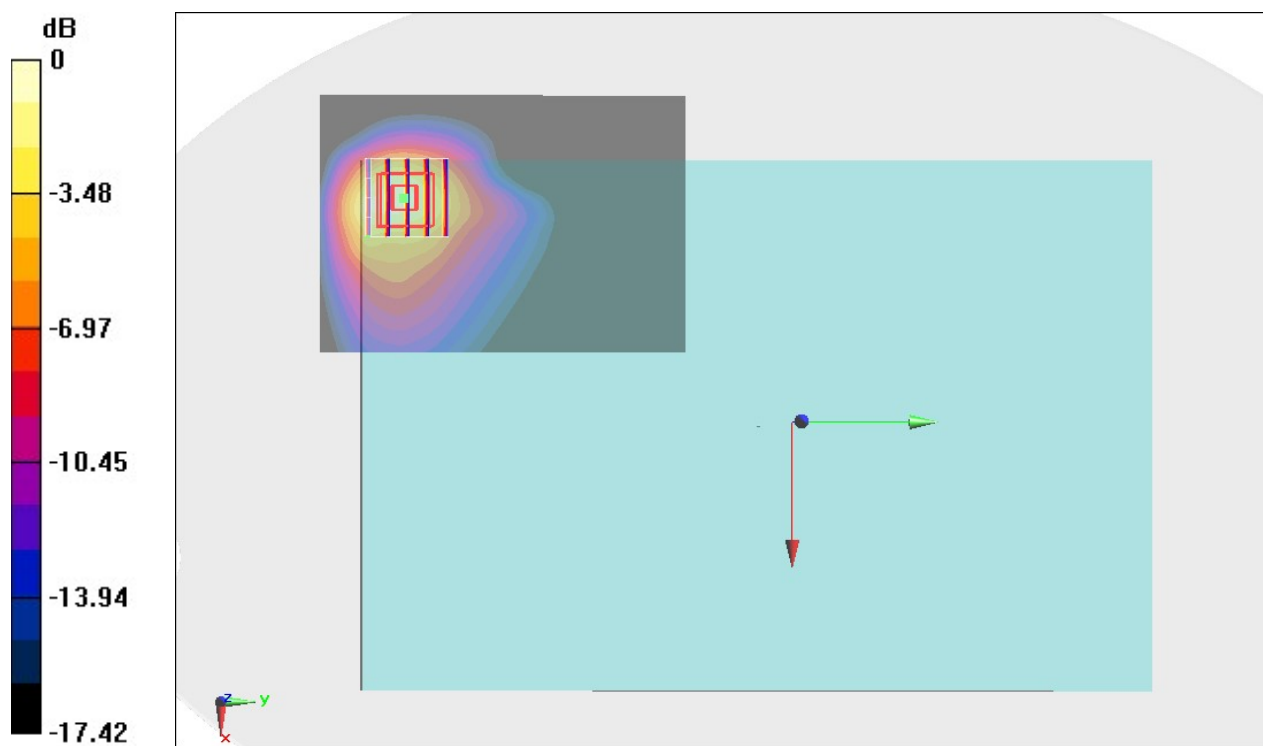Maximum value of SAR (interpolated) = 1.02 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.79 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.493 W/kg
Maximum value of SAR (measured) = 1.21 W/kg

0 dB = 1.21 W/kg = 0.83 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Bottom of Latop_0mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_190325 Medium parameters used : f = 836.4 MHz; σ = 0.967 S/m; ε_r = 55.833; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270;ConvF(6.11, 6.11, 6.11) ;Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
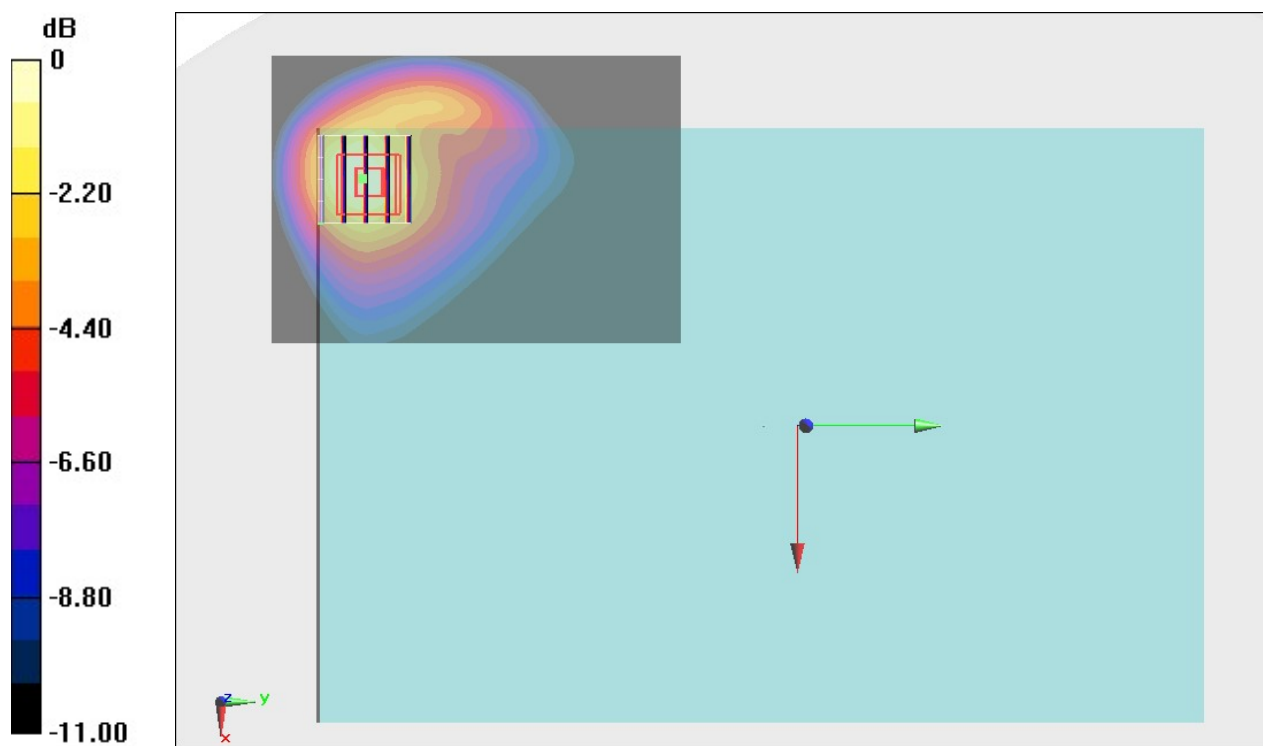Maximum value of SAR (interpolated) = 1.25 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.34 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.608 W/kg
Maximum value of SAR (measured) = 1.24 W/kg

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

#04_LTE Band 2_20M_QPSK_1_0_Bottom of Latop_0mm_Ch18900

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_190321 Medium parameters used: f = 1880 MHz; σ = 1.531 S/m; ε_r = 54.353; ρ = 1000 kg/m³
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270;ConvF(4.77, 4.77, 4.77) ;Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
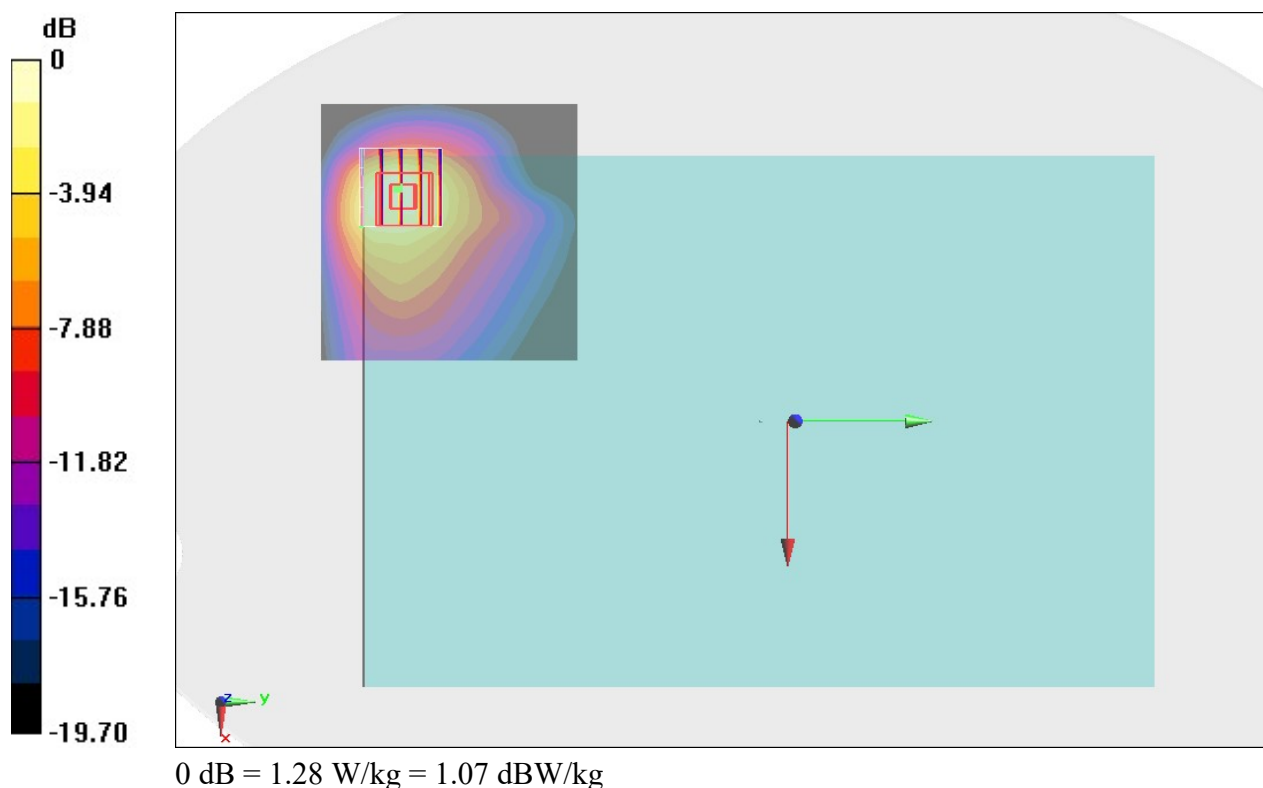Maximum value of SAR (interpolated) = 1.32 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.08 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.530 W/kg
Maximum value of SAR (measured) = 1.28 W/kg

0 dB = 1.28 W/kg = 1.07 dBW/kg

#05_LTE Band 7_20M_QPSK_1_0_Bottom of Latop_0mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_190324 Medium parameters used: f = 2560 MHz; σ = 2.147 S/m; ε_r = 52.974; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976;ConvF(7.53, 7.53, 7.53); Calibrated: 2019/1/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2019/1/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
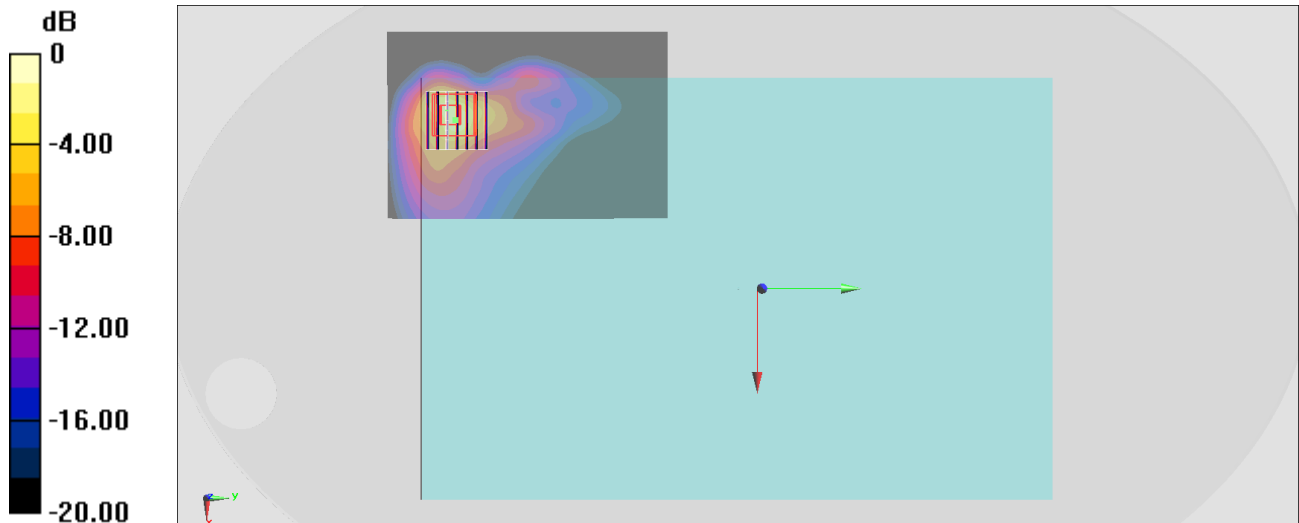Maximum value of SAR (interpolated) = 1.55 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.88 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.90 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.448 W/kg
Maximum value of SAR (measured) = 2.14 W/kg

0 dB = 2.14 W/kg = 3.30 dBW/kg

#06_LTE Band 12_10M_QPSK_1_49_Bottom of Latop_0mm_Ch23095

Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: MSL_750_190322 Medium parameters used : f = 707.5 MHz; σ = 0.927 S/m; ε$_r$ = 55.664;
ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270;ConvF(6.29, 6.29, 6.29) ;Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
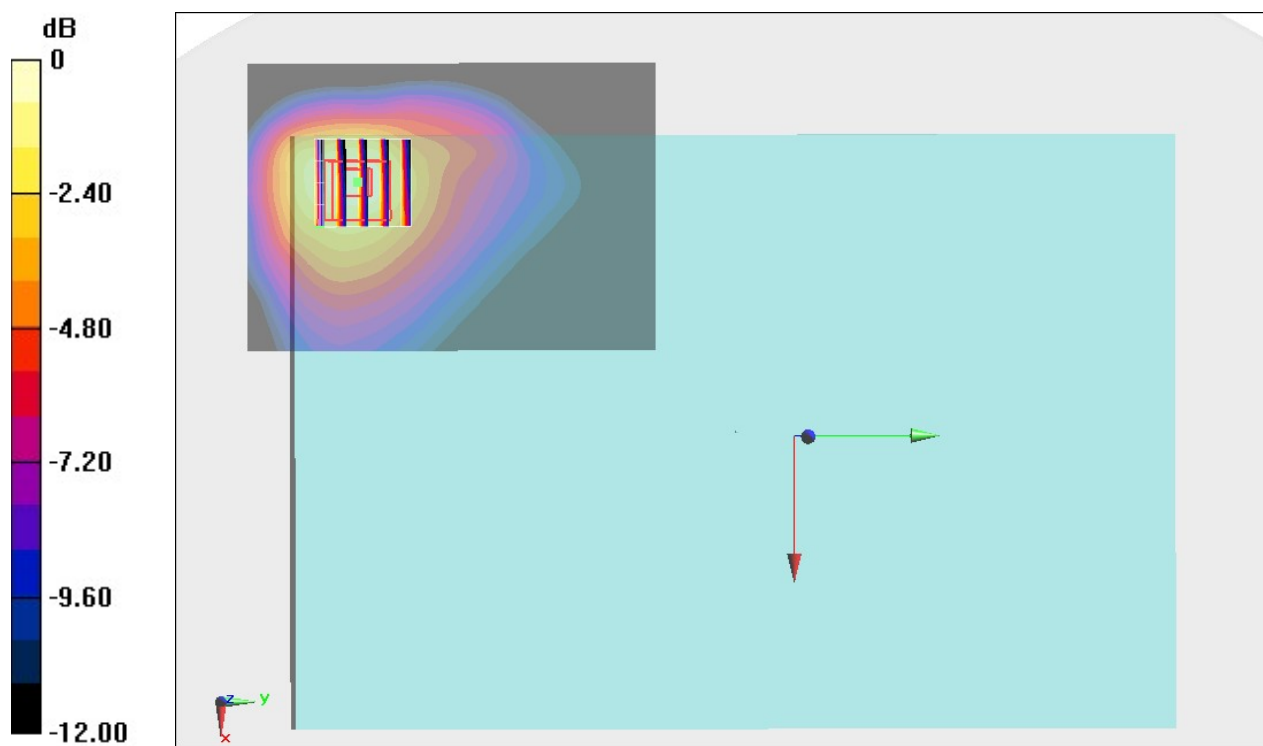Maximum value of SAR (interpolated) = 0.726 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.56 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.349 W/kg
Maximum value of SAR (measured) = 0.730 W/kg

0 dB = 0.730 W/kg = -1.37 dBW/kg

#07_LTE Band 13_10M_QPSK_1_49_Bottom of Latop_0mm_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_190322 Medium parameters used: f = 782 MHz; σ = 0.996 S/m; ε_r = 54.879; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270;ConvF(6.29, 6.29, 6.29) ;Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
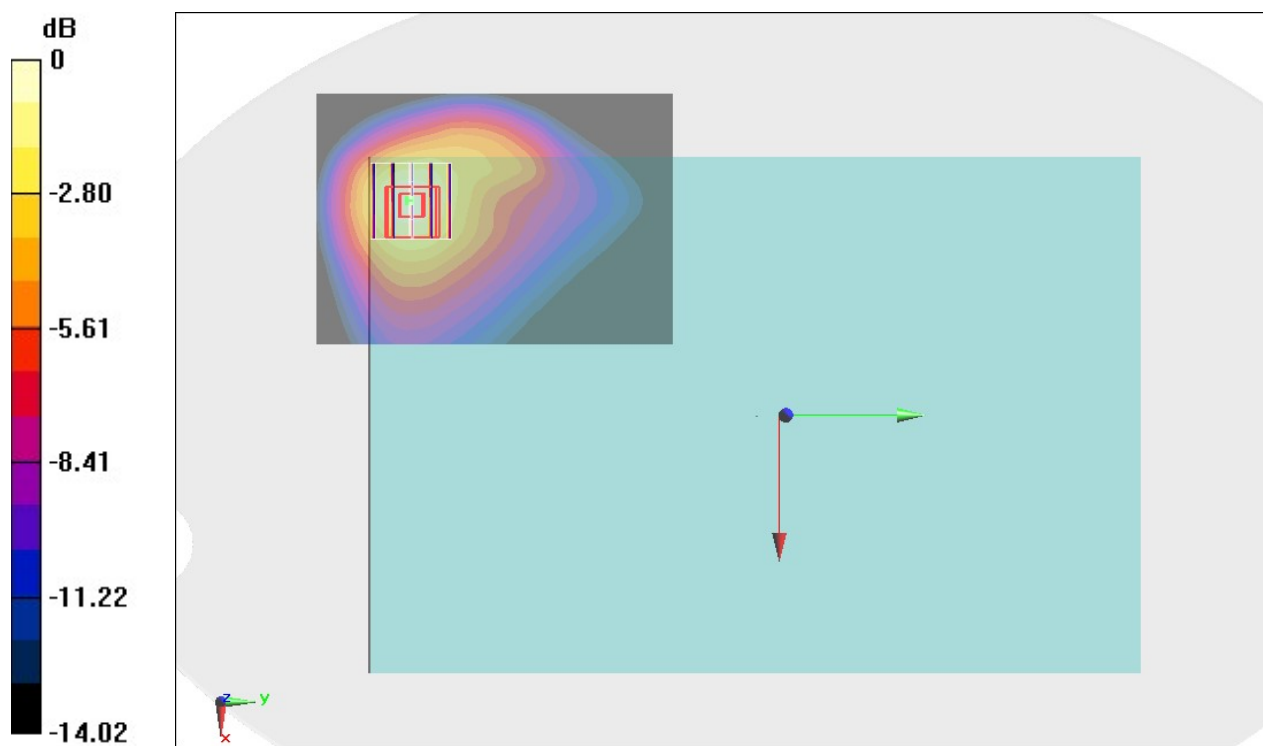Maximum value of SAR (interpolated) = 0.953 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.47 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.471 W/kg
Maximum value of SAR (measured) = 0.977 W/kg

0 dB = 0.977 W/kg = -0.10 dBW/kg

#08_LTE Band 26_15M_QPSK_36_0_Bottom of Latop_0mm_Ch26865

Communication System: LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_190325 Medium parameters used: f = 831.5 MHz; σ = 0.963 S/m; ε_r = 55.88; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270;ConvF(6.11, 6.11, 6.11) ;Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
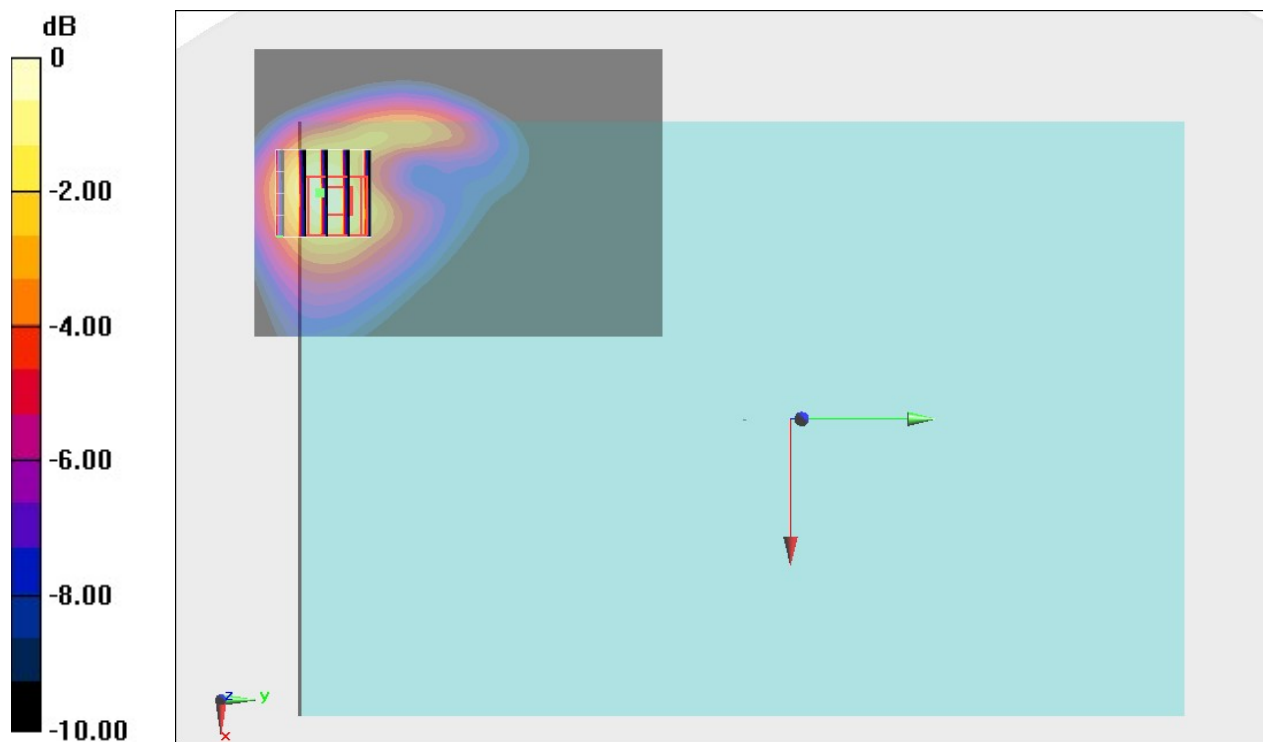Maximum value of SAR (interpolated) = 1.27 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.09 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.632 W/kg
Maximum value of SAR (measured) = 1.33 W/kg

0 dB = 1.33 W/kg = 1.24 dBW/kg

#09_LTE Band 30_10M_QPSK_1_0_Bottom of Latop_0mm_Ch27710

Communication System: LTE; Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: MSL_2300_190324 Medium parameters used: f = 2310 MHz; σ = 1.824 S/m; ε_r = 53.832; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976;ConvF(7.79, 7.79, 7.79); Calibrated: 2019/1/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2019/1/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
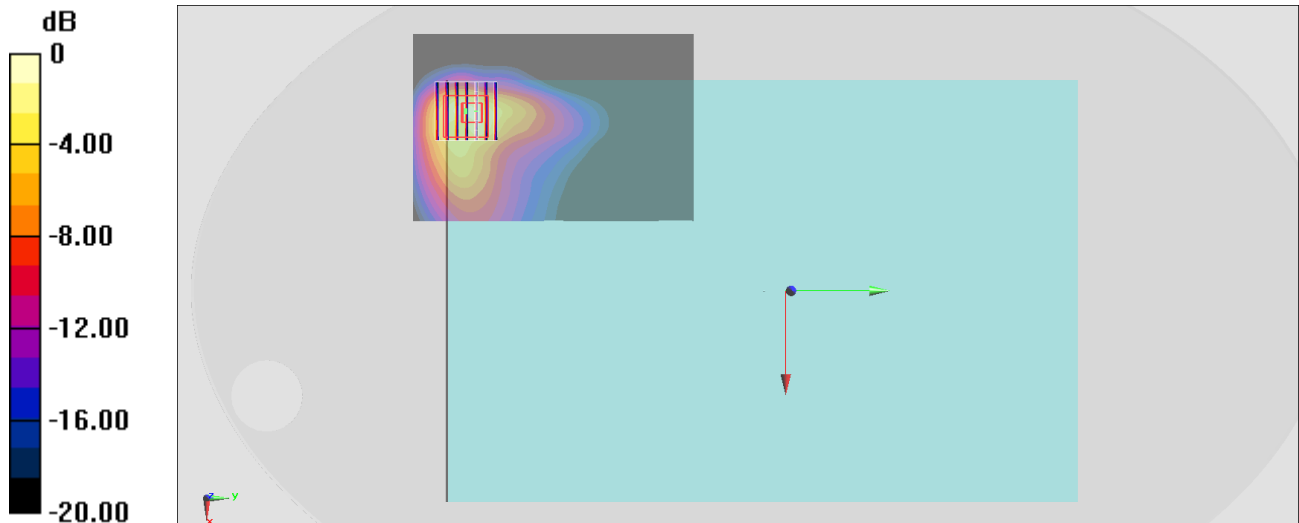Maximum value of SAR (interpolated) = 1.64 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.30 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.475 W/kg
Maximum value of SAR (measured) = 1.86 W/kg

0 dB = 1.86 W/kg = 2.70 dBW/kg

#10_LTE Band 66_20M_QPSK_50_0_Bottom of Latop_0mm_Ch132572

Communication System: LTE; Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: MSL_1750_190321 Medium parameters used: f = 1770 MHz; σ = 1.502 S/m; ε$_r$ = 54.423; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270;ConvF(4.97, 4.97, 4.97) ;Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
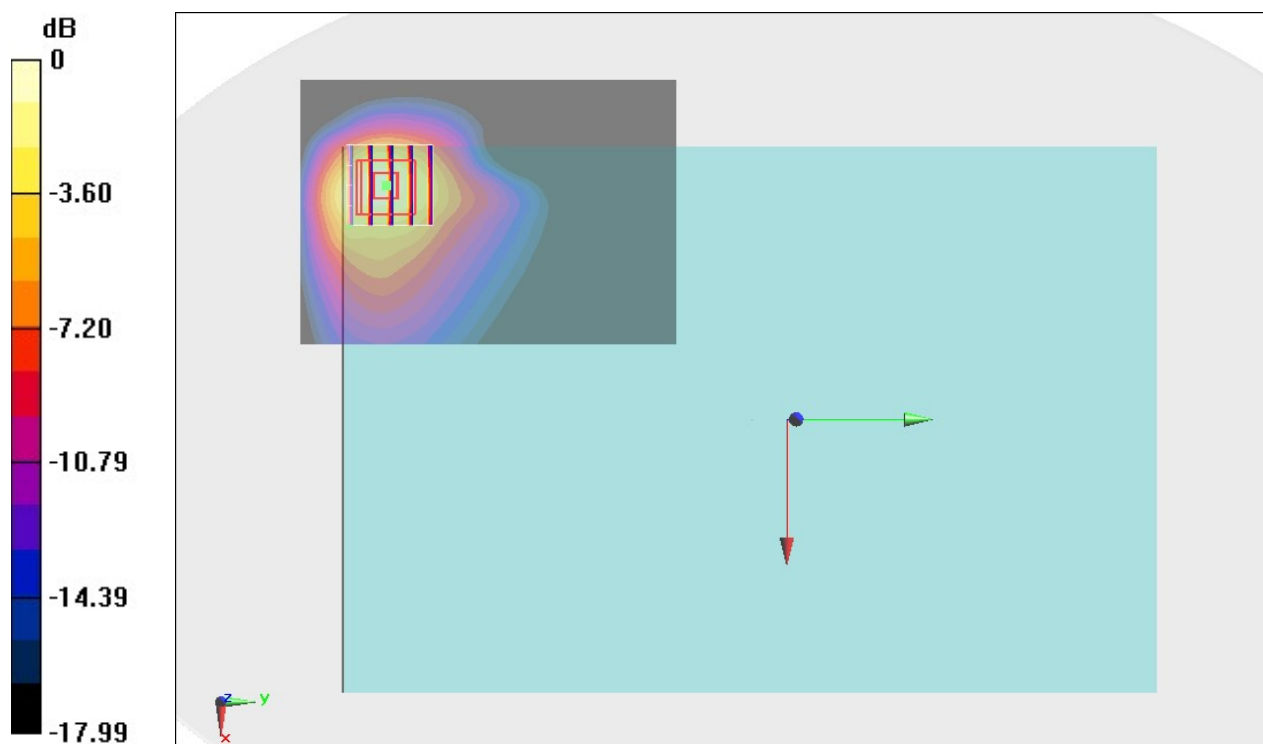Maximum value of SAR (interpolated) = 1.07 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.59 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.477 W/kg
Maximum value of SAR (measured) = 1.19 W/kg

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

#11_LTE Band 41_20M_QPSK_1_0_Bottom of Latop_0mm_Ch41055

Communication System: LTE; Frequency: 2636.5 MHz;Duty Cycle: 1:1.59
Medium: MSL_2600_190324 Medium parameters used (interpolated): f = 2636.5 MHz; σ = 2.254 S/m; ε_r = 52.715; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976;ConvF(7.53, 7.53, 7.53); Calibrated: 2019/1/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2019/1/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
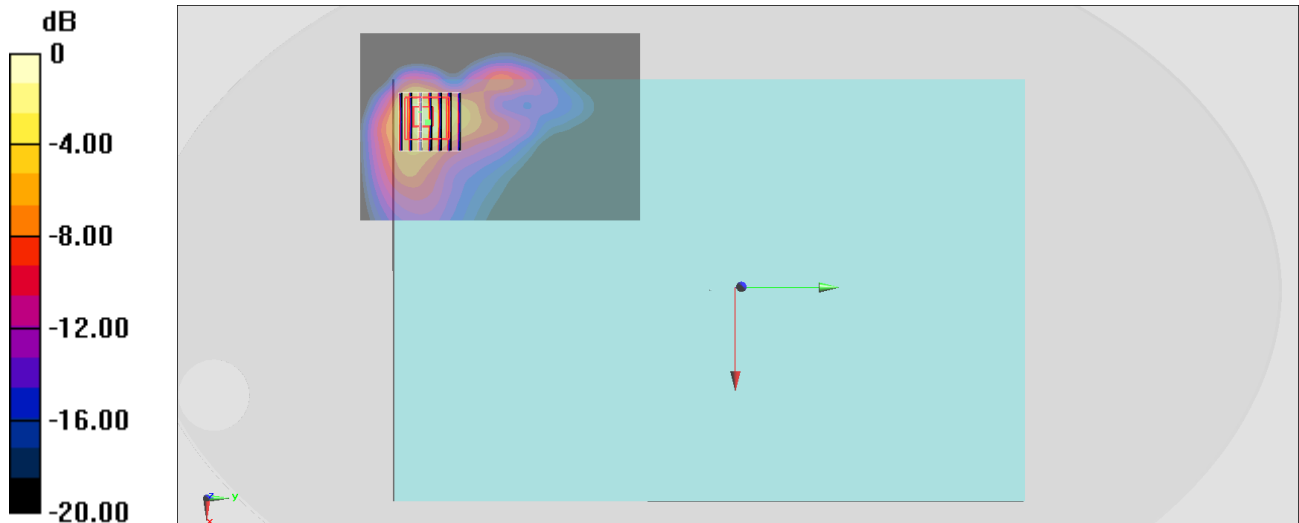Maximum value of SAR (interpolated) = 1.56 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.10 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.76 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.409 W/kg
Maximum value of SAR (measured) = 2.03 W/kg

0 dB = 2.03 W/kg = 3.07 dBW/kg