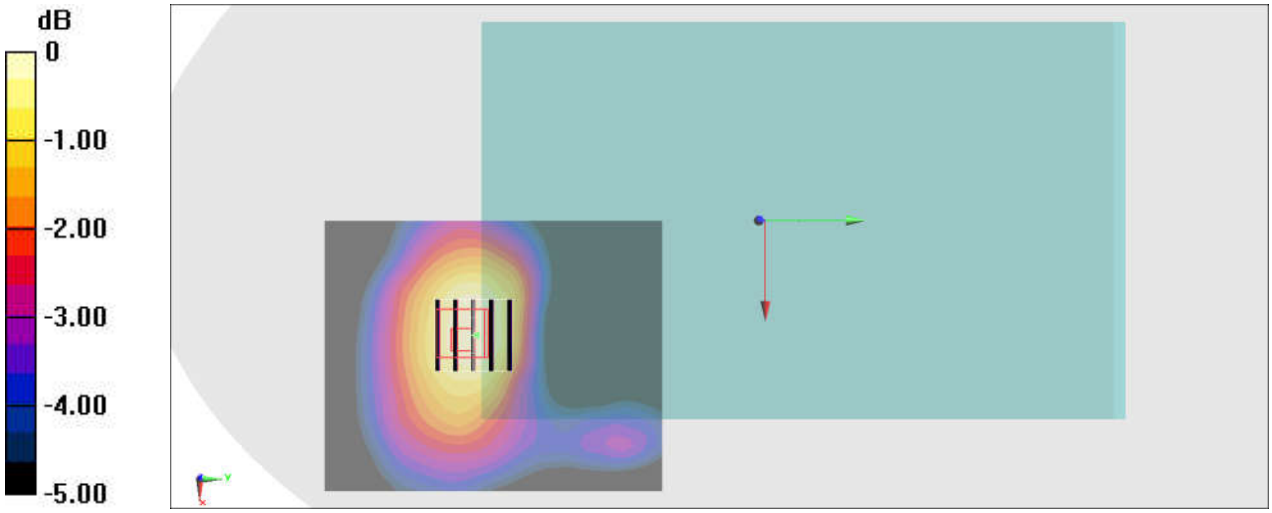
#01_WCDMA II_RMC 12.2Kbps_Back_0mm_Ch9400

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_220322 Medium parameters used: f = 1880 MHz; σ = 1.409 S/m; ε_r = 38.95; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(8.12, 8.12, 8.12) @ 1880 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0753 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.544 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0880 W/kg
SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.036 W/kg
Maximum value of SAR (measured) = 0.0754 W/kg

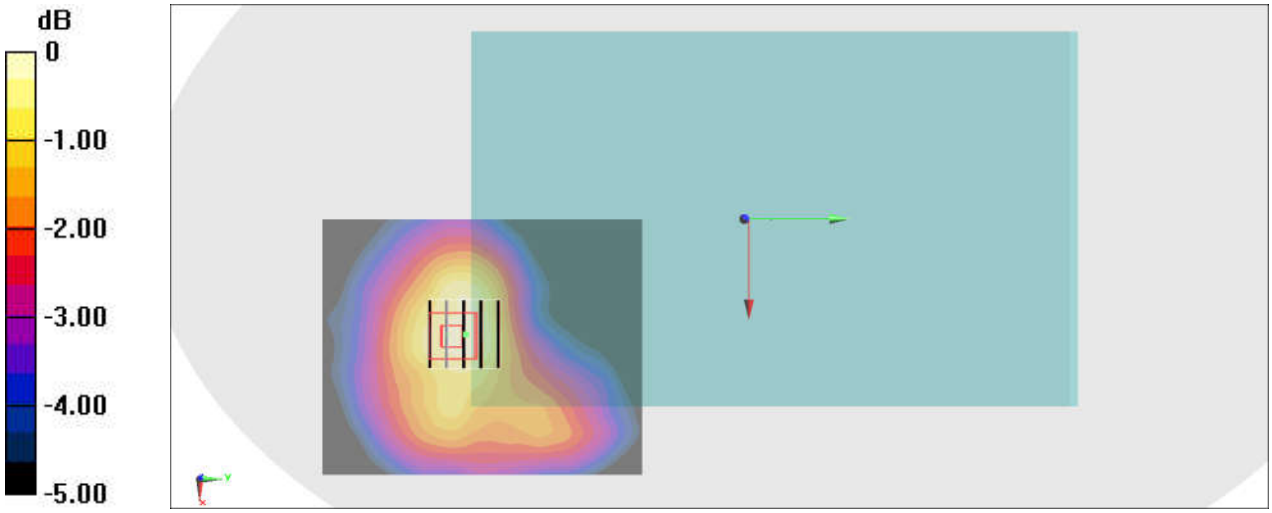


0 dB = 0.0754 W/kg = -11.23 dBW/kg

#02_WCDMA IV_RMC 12.2Kbps_Back_0mm_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_220322 Medium parameters used: f = 1753 MHz; σ = 1.357 S/m; ε_r = 40.391; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(8.4, 8.4, 8.4) @ 1752.6 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0660 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.075 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.0780 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.0678 W/kg

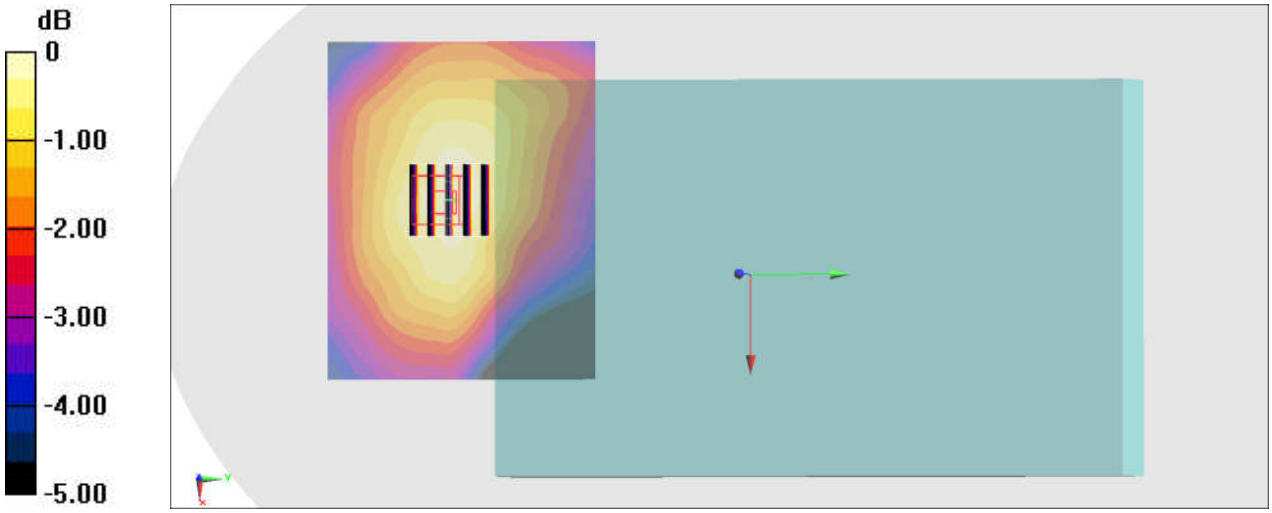


0 dB = 0.0678 W/kg = -11.69 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Front_0mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_220322 Medium parameters used : f = 836.4 MHz; σ = 0.911 S/m; ε_r = 40.758; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(9.82, 9.82, 9.82) @ 836.4 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0277 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.700 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0310 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.0280 W/kg

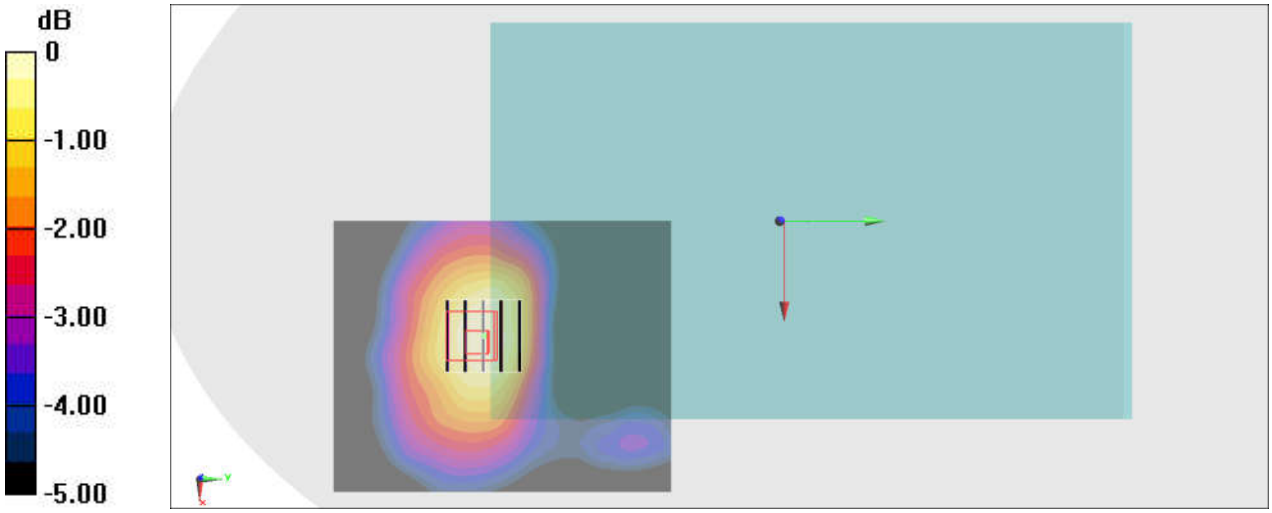


0 dB = 0.0280 W/kg = -15.53 dBW/kg

#04_LTE Band 2_20M_QPSK_1_0_Back_0mm_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_220322 Medium parameters used: f = 1900 MHz; σ = 1.43 S/m; ε_r = 38.858; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(8.12, 8.12, 8.12) @ 1900 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0721 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.241 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0840 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.0715 W/kg



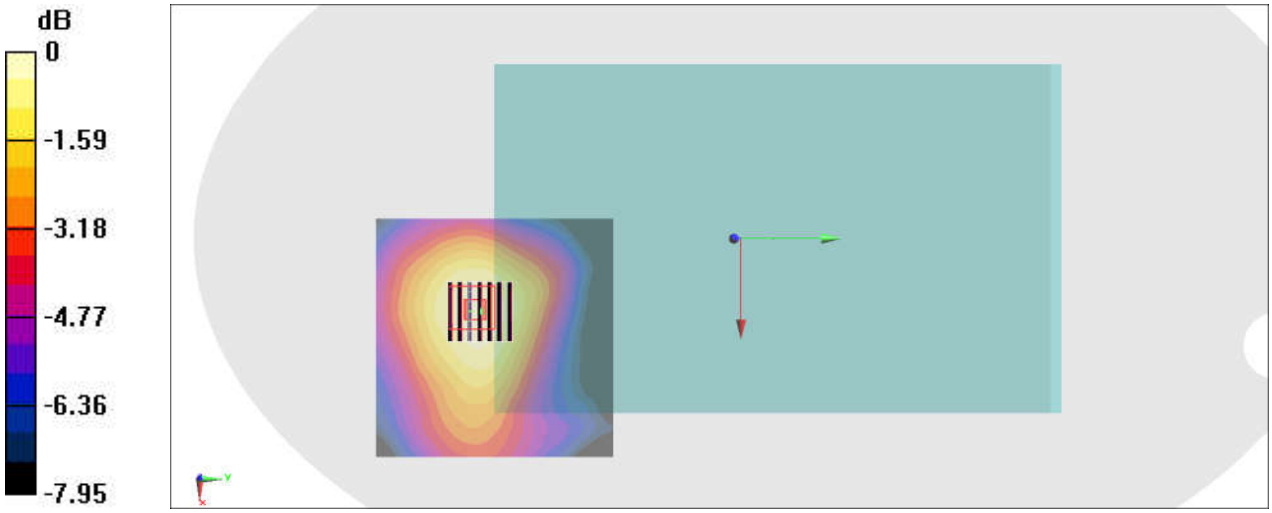
0 dB = 0.0715 W/kg = -11.46 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/3/22

#05_LTE Band 7_20M_QPSK_1_0_Back_0mm_Ch20850

Communication System: LTE; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220322 Medium parameters used: f = 2510 MHz; σ = 1.903 S/m; ε_r = 39.585; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(7.46, 7.46, 7.46) @ 2510 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.140 W/kg
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.061 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.060 W/kg
Maximum value of SAR (measured) = 0.144 W/kg

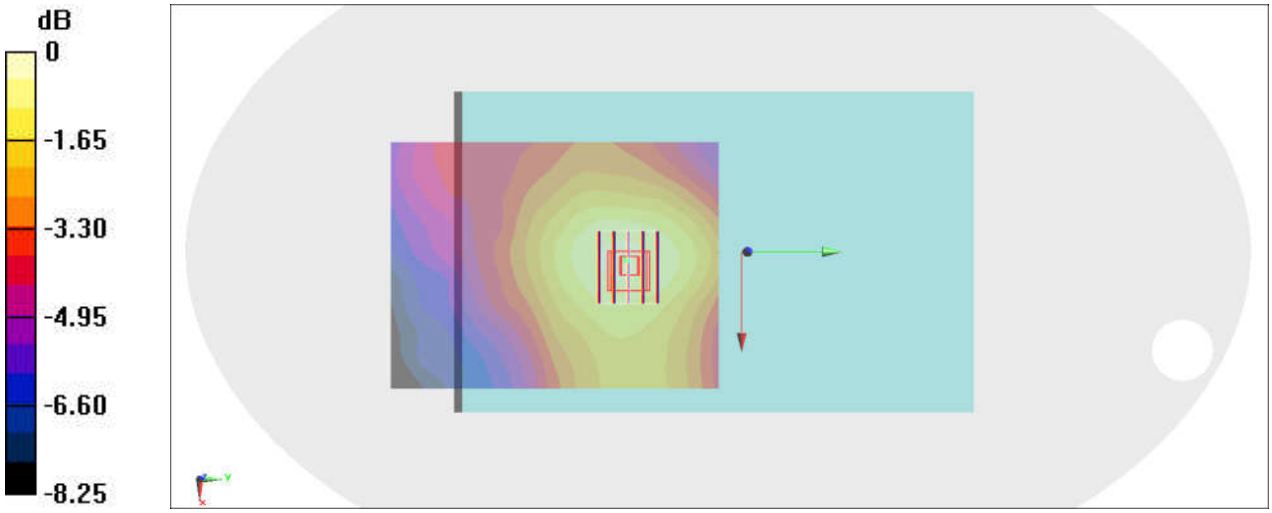


0 dB = 0.140 W/kg = -8.54 dBW/kg

#06_LTE Band 12_10M_QPSK_1_49_Back_0mm_Ch23095

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_220318 Medium parameters used : f = 707.5 MHz; σ = 0.87 S/m; ε_r = 43.338; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(10.09, 10.09, 10.09) @ 707.5 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (91x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0279 W/kg
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.463 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0330 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.019 W/kg
Maximum value of SAR (measured) = 0.0305 W/kg



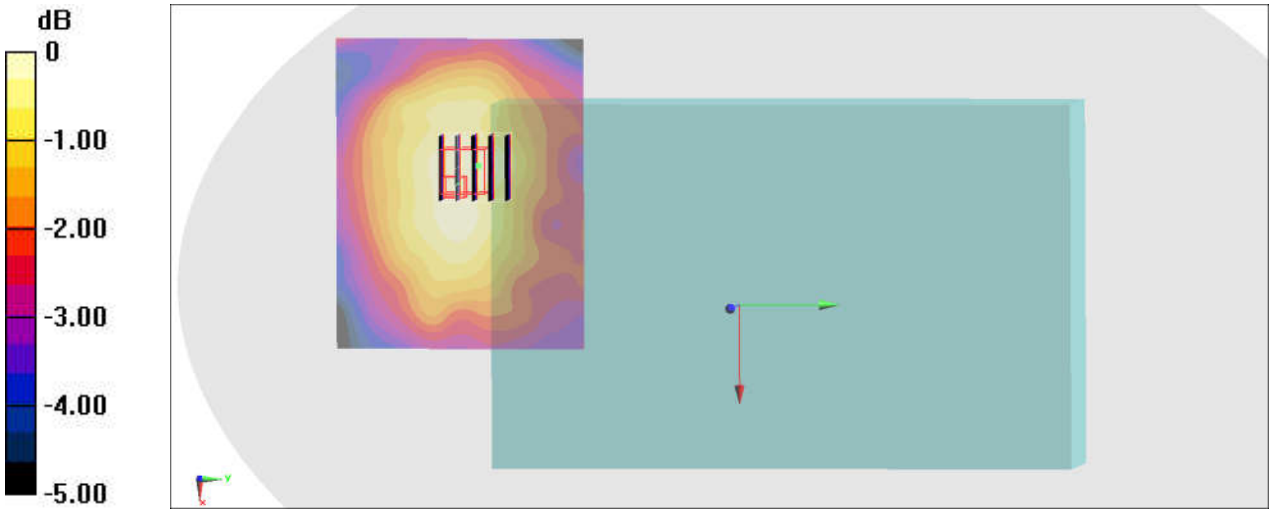
0 dB = 0.0305 W/kg = -15.16 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/3/22

#07_LTE Band 13_10M_QPSK_1_49_Front_0mm_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_220322 Medium parameters used: f = 782 MHz; σ = 0.89 S/m; ε_r = 40.889; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(10.09, 10.09, 10.09) @ 782 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0227 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.058 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0250 W/kg
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0224 W/kg



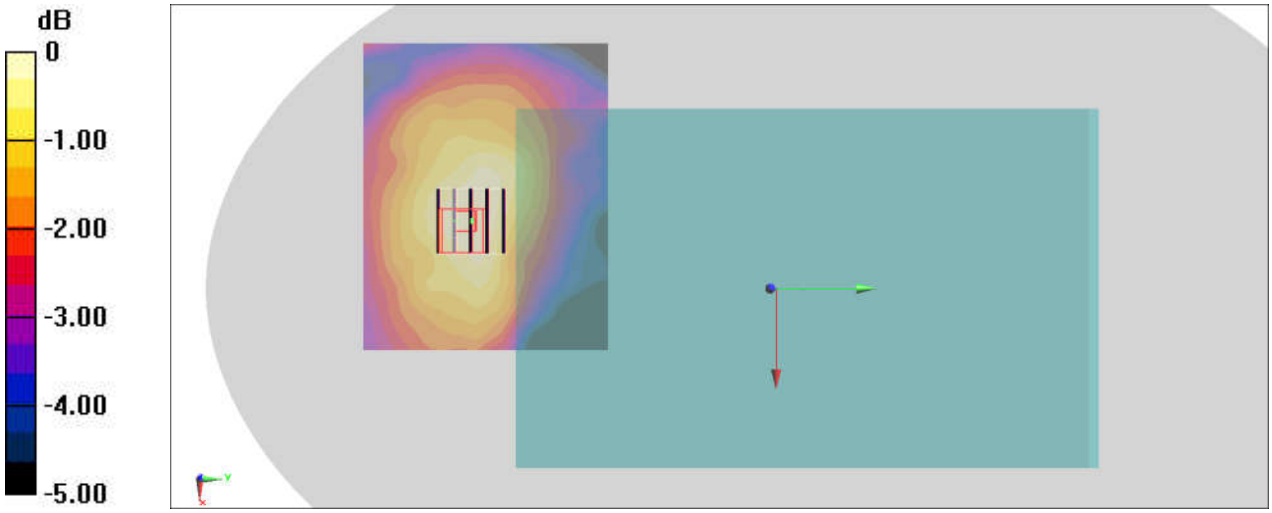
0 dB = 0.0224 W/kg = -16.50 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/3/22

#08_LTE Band 26_15M_QPSK_1_0_Front_0mm_Ch26865

Communication System: LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_220322 Medium parameters used : f = 831.5 MHz; σ = 0.909 S/m; ε_r = 40.784; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(9.82, 9.82, 9.82) @ 831.5 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0253 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.258 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0270 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.0251 W/kg



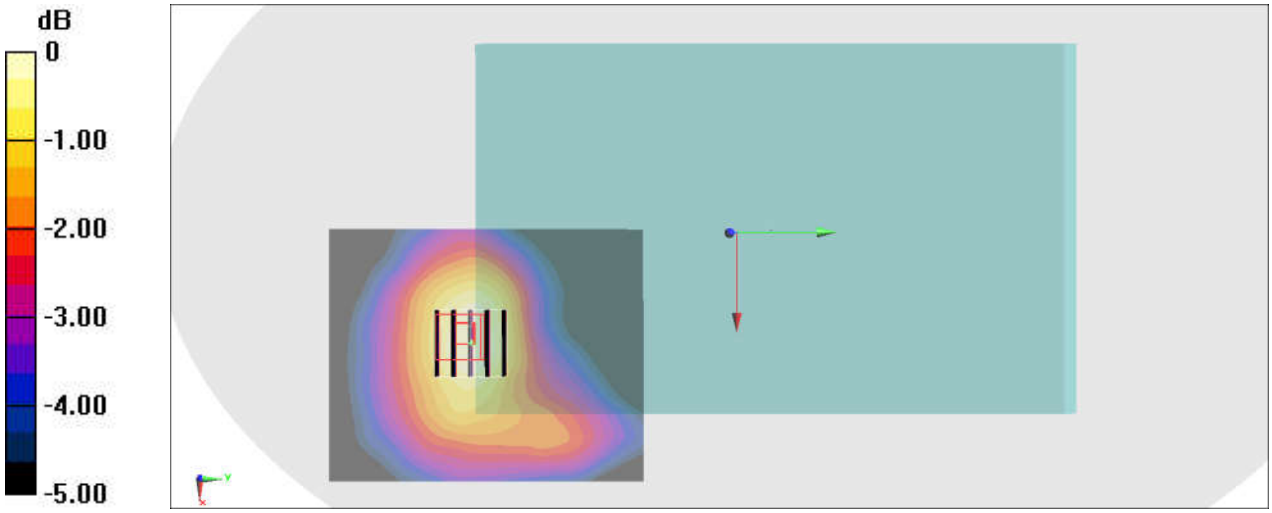
0 dB = 0.0251 W/kg = -16.00 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/3/22

#09_LTE Band 66_20M_QPSK_1_0_Back_0mm_Ch132322

Communication System: LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750_220322 Medium parameters used : f = 1745 MHz; σ = 1.351 S/m; ε_r = 40.432; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(8.4, 8.4, 8.4) @ 1745 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0617 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.749 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0700 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.0605 W/kg



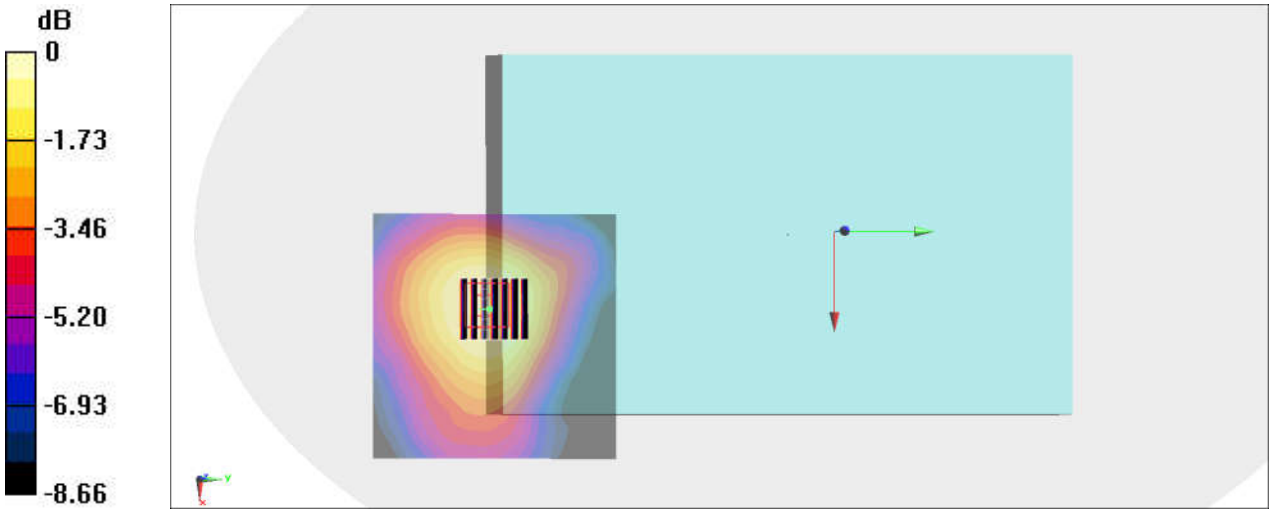
0 dB = 0.0605 W/kg = -12.18 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/3/22

#10_LTE Band 41_20M_QPSK_1_0_Back_0mm_Ch40620

Communication System: LTE; Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_220322 Medium parameters used : f = 2593 MHz; σ = 1.996 S/m; ε_r = 39.242; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃
DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(7.46, 7.46, 7.46) @ 2593 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0956 W/kg
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.948 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.039 W/kg
Maximum value of SAR (measured) = 0.0974 W/kg



0 dB = 0.0956 W/kg = -10.20 dBW/kg