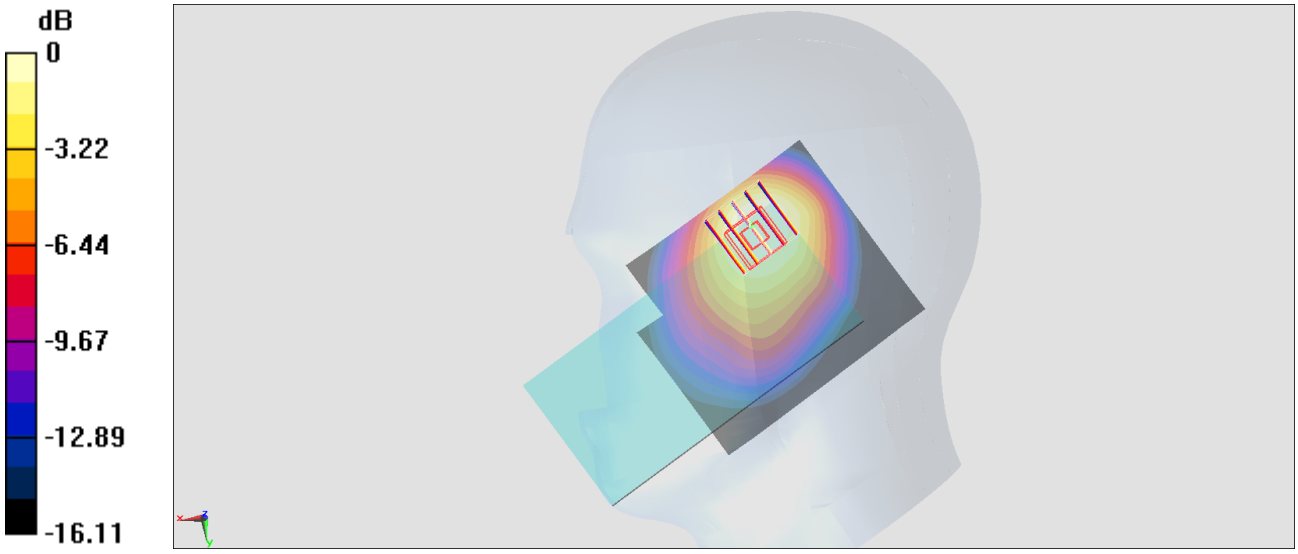
#01_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_200721 Medium parameters used: f = 849 MHz; σ = 0.892 S/m; ε_r = 40.626; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.51, 9.51, 9.51) @ 848.8 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): 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 = 32.52 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.798 W/kg; SAR(10 g) = 0.506 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

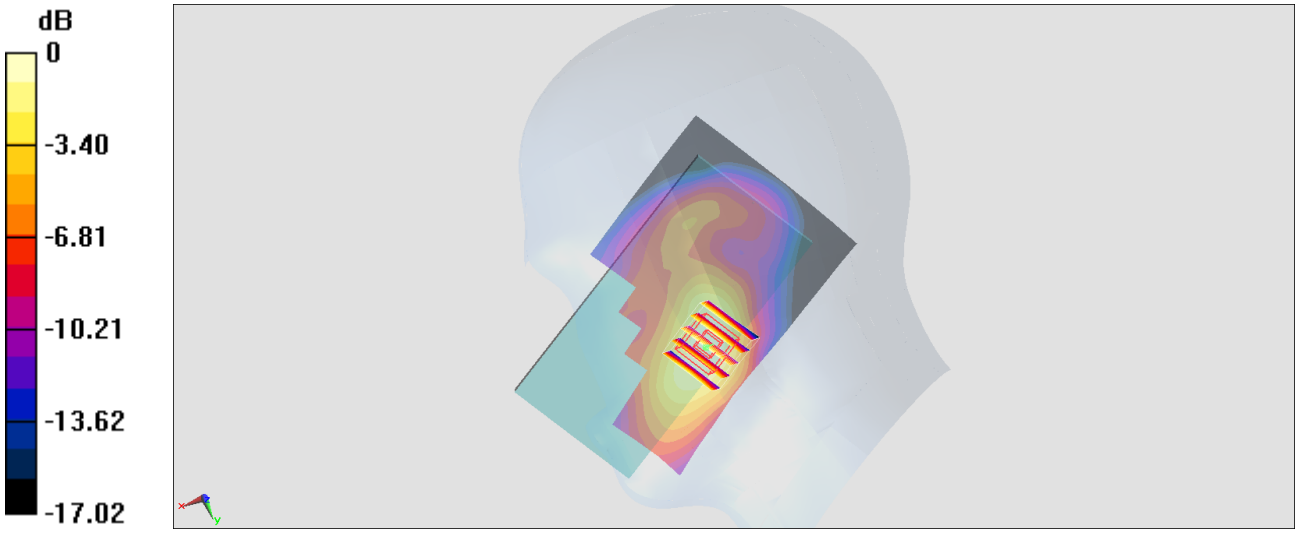
#02_GSM1900_GPRS (4 Tx slots)_Right Cheek_Ch661

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_200622 Medium parameters used: f = 1880 MHz; σ = 1.41 S/m; ε_r = 40.351; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2) @ 1880 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2019/11/14
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.551 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.60 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.716 W/kg
SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.294 W/kg
Maximum value of SAR (measured) = 0.552 W/kg



0 dB = 0.552 W/kg = -2.58 dBW/kg

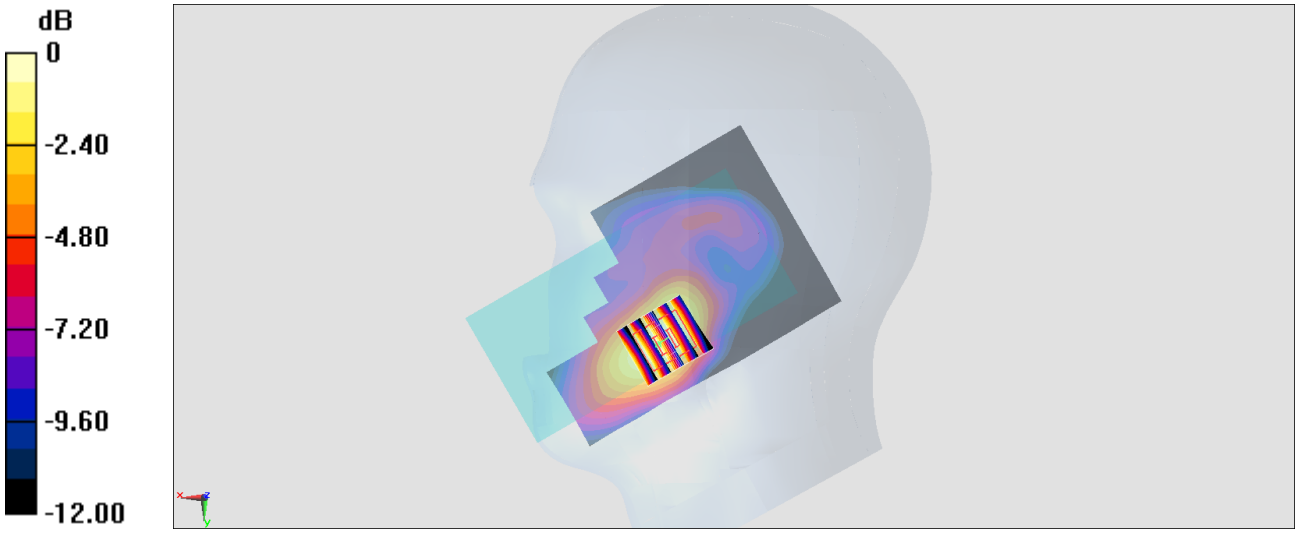
#03_WCDMA II_RMC 12.2Kbps_Right Cheek_Ch9538

Communication System: WCDMA ; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200622 Medium parameters used: f = 1908 MHz; σ = 1.438 S/m; ε_r = 40.248; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2) @ 1907.6 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2019/11/14
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.951 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.66 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.510 W/kg
Maximum value of SAR (measured) = 0.949 W/kg



0 dB = 0.949 W/kg = -0.23 dBW/kg

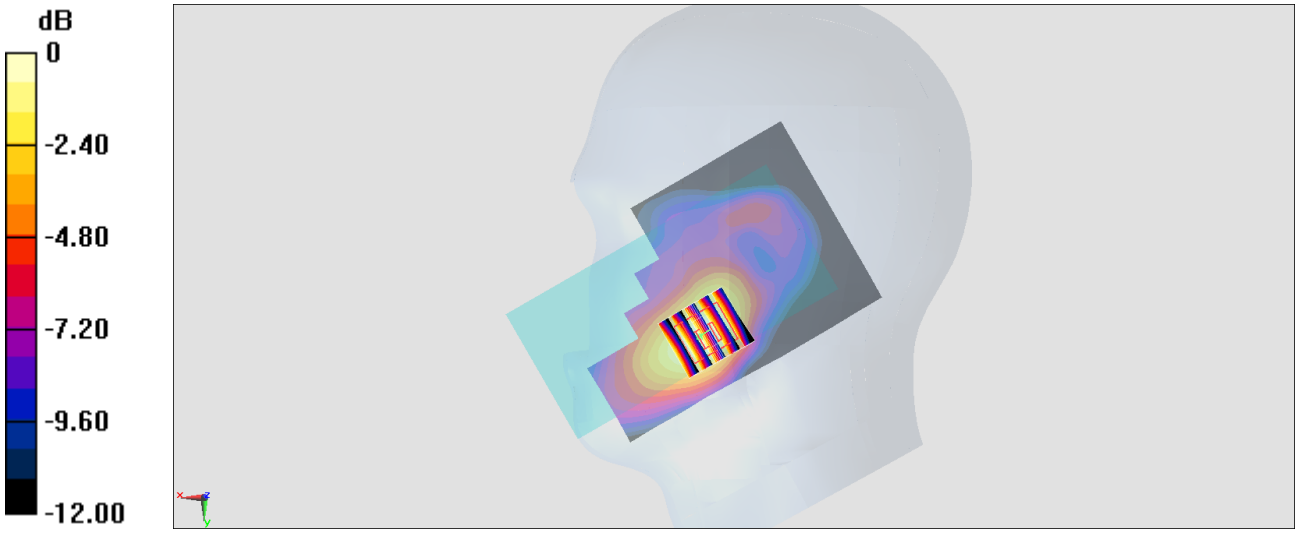
#04_WCDMA IV_RMC 12.2Kbps_Right Cheek_Ch1513

Communication System: WCDMA ; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200624 Medium parameters used: f = 1753 MHz; σ = 1.377 S/m; ε_r = 41.714; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.41, 5.41, 5.41) @ 1752.6 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2019/11/14
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.769 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.43 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.419 W/kg
Maximum value of SAR (measured) = 0.768 W/kg



0 dB = 0.768 W/kg = -1.15 dBW/kg

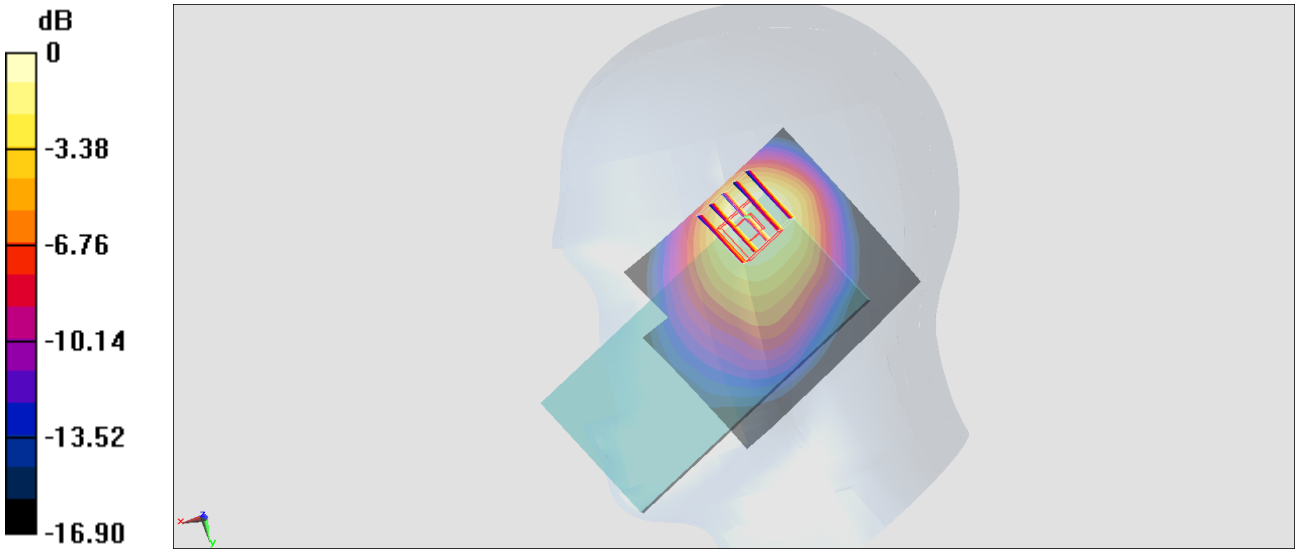
#05_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850_200721 Medium parameters used: f = 847 MHz; σ = 0.89 S/m; ε_r = 40.652; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.51, 9.51, 9.51) @ 846.6 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): 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 = 31.31 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.526 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

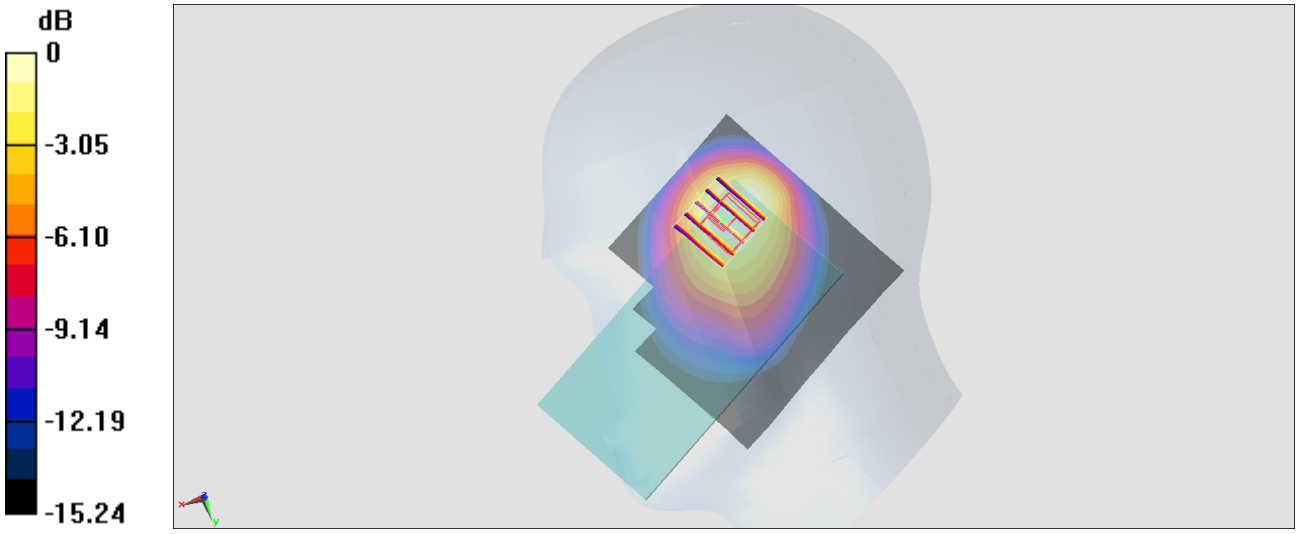
#06_CDMA BC0_1xRTT RC3 SO55_Right Cheek_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_850_200707 Medium parameters used: f = 848.31 MHz; σ = 0.902 S/m; ε_r = 40.84; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.51, 9.51, 9.51) @ 848.31 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.940 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.05 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.429 W/kg
Maximum value of SAR (measured) = 0.902 W/kg



0 dB = 0.902 W/kg = -0.45 dBW/kg

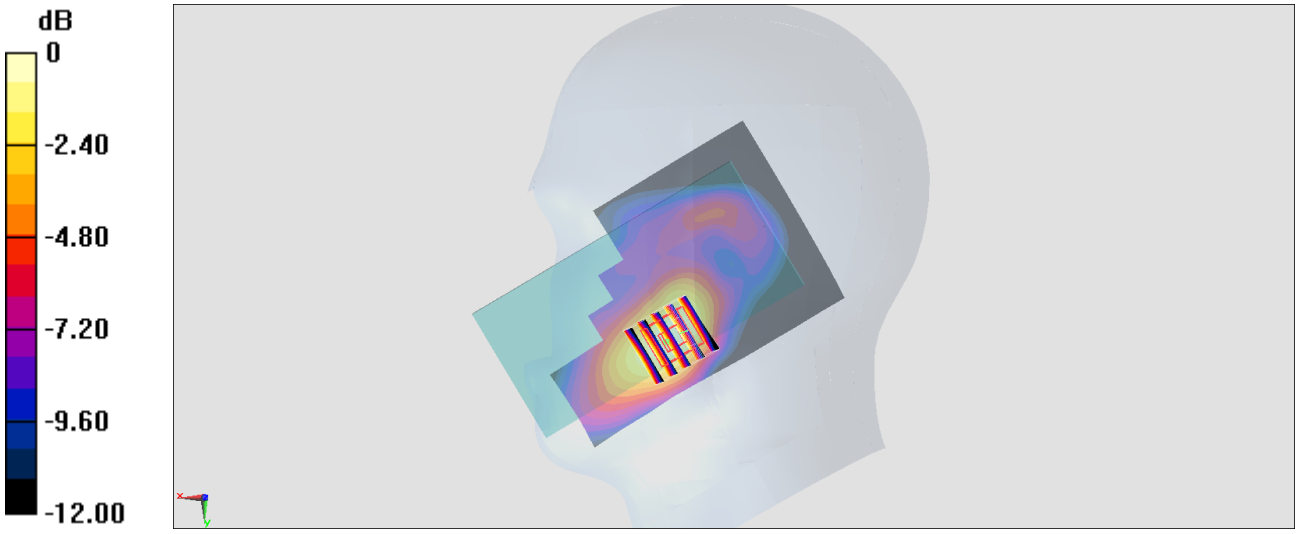
#07_CDMA BC1_1xRTT RC3 SO55_Right Cheek_Ch1175

Communication System: CDMA; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200622 Medium parameters used: f = 1909 MHz; σ = 1.44 S/m; ε_r = 40.242; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2) @ 1908.75 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2019/11/14
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.987 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.96 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.543 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

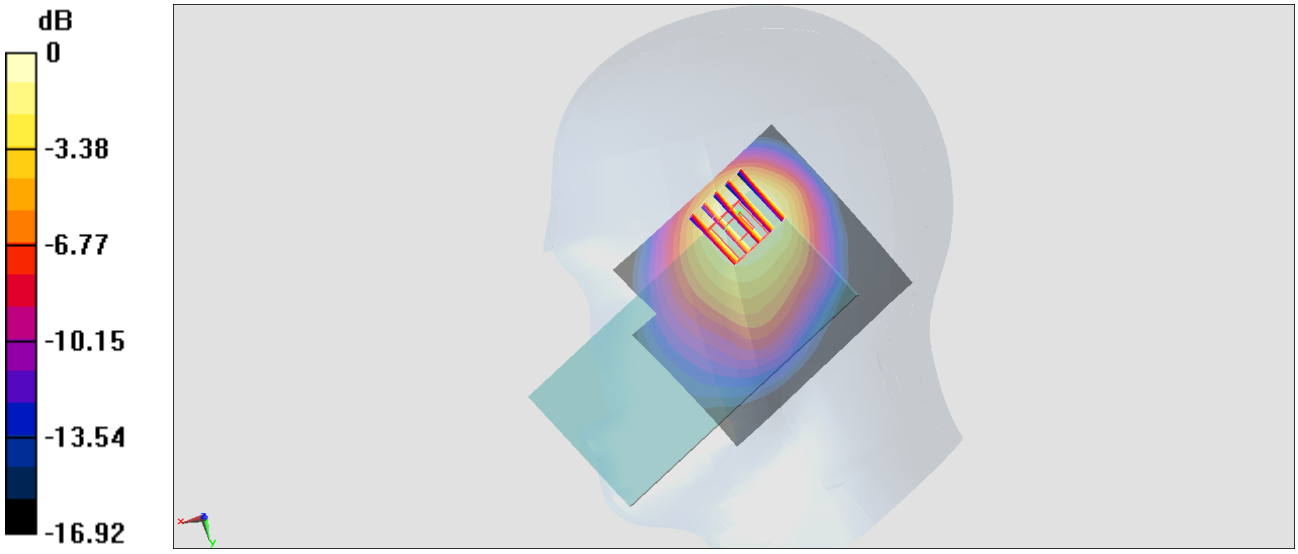
#08_CDMA BC10_1xRTT RC3 SO55_Right Cheek_Ch580

Communication System: CDMA; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200721 Medium parameters used: f = 820.5 MHz; σ = 0.865 S/m; ε_r = 41.015; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.51, 9.51, 9.51) @ 820.5 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.80 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.819 W/kg; SAR(10 g) = 0.533 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

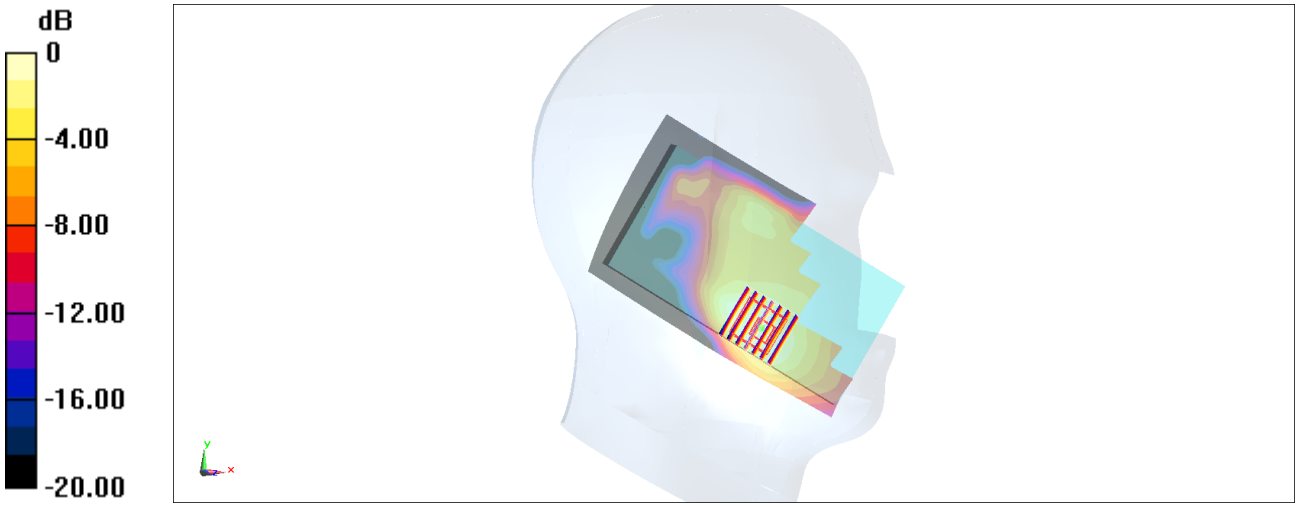
#09_LTE Band 7_20M_QPSK_1_99_Left Cheek_Ch20850

Communication System: LTE; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: HSL_2600_200619 Medium parameters used: f = 2510 MHz; σ = 1.921 S/m; ε_r = 38.318; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(6.95, 6.95, 6.95) @ 2510 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.465 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.80 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.160 W/kg
Maximum value of SAR (measured) = 0.437 W/kg



0 dB = 0.437 W/kg = -3.60 dBW/kg

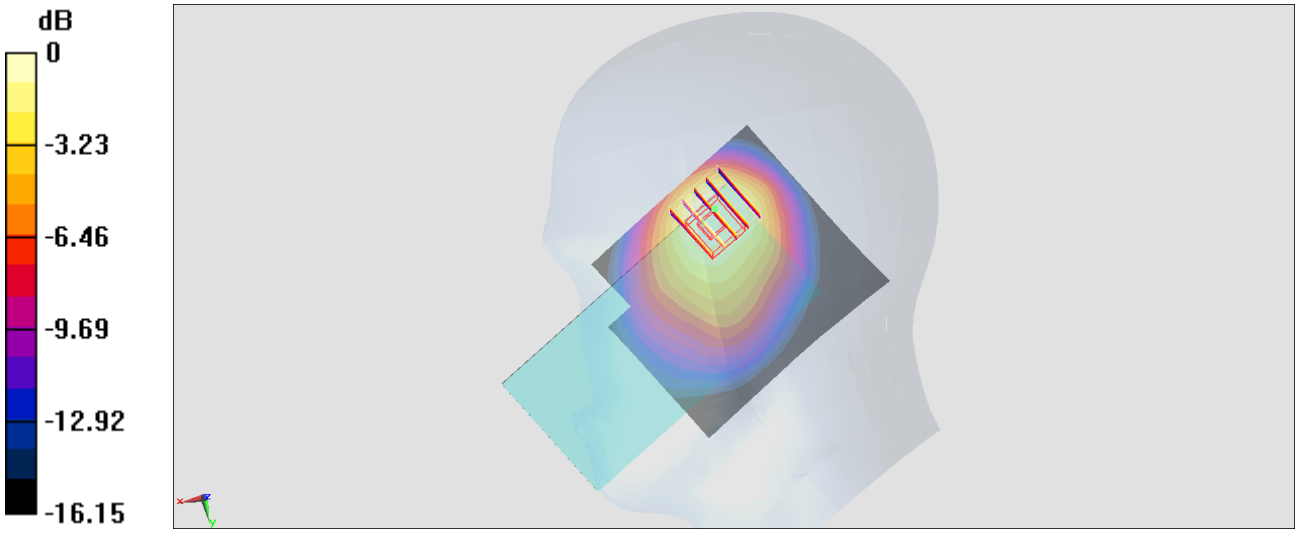
#10_LTE Band 12_10M_QPSK_1_49_Right Cheek_Ch23095

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_200704 Medium parameters used: f = 707.5 MHz; σ = 0.855 S/m; ε_r = 43.351; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.67, 9.67, 9.67) @ 707.5 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.997 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.05 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.443 W/kg
Maximum value of SAR (measured) = 0.877 W/kg



0 dB = 0.877 W/kg = -0.57 dBW/kg

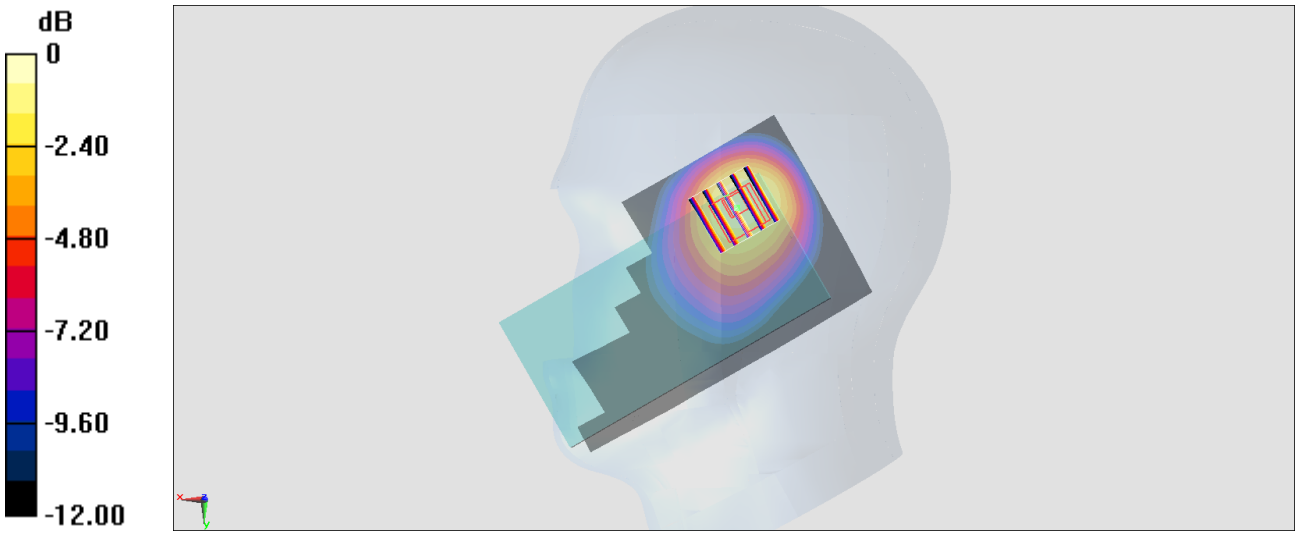
#11_LTE Band 13_10M_QPSK_1_49_Right Cheek_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_200718 Medium parameters used: f = 782 MHz; σ = 0.873 S/m; ε_r = 41.7; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.67, 9.67, 9.67) @ 782 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.745 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.60 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.422 W/kg
Maximum value of SAR (measured) = 0.884 W/kg



0 dB = 0.884 W/kg = -0.54 dBW/kg

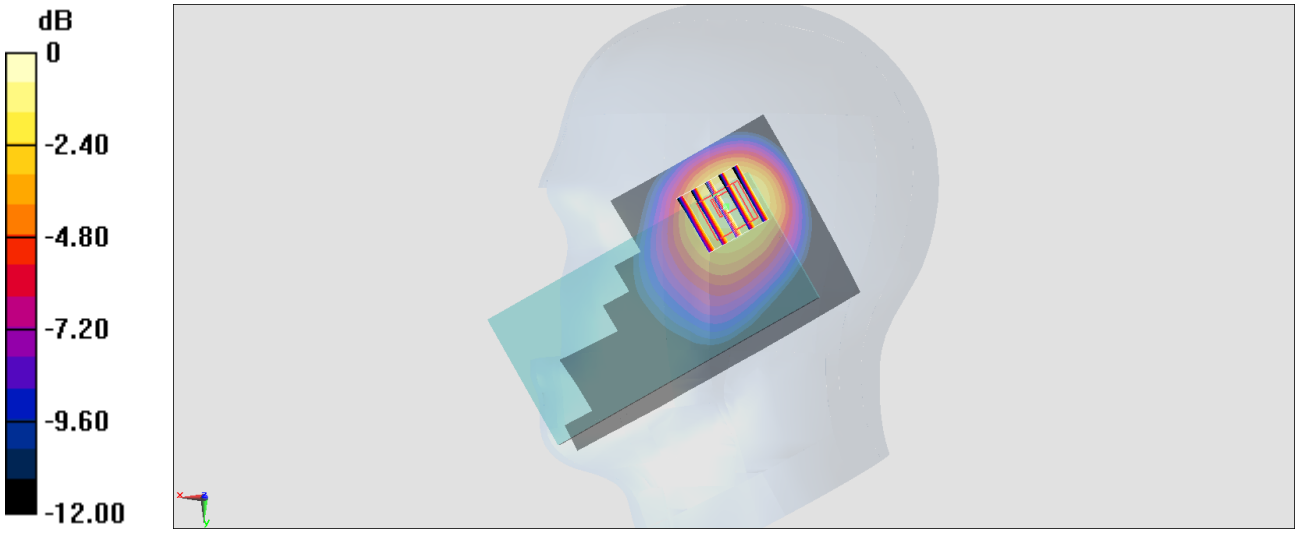
#12_LTE Band 14_10M_QPSK_1_0_Right Cheek_Ch23330

Communication System: LTE ; Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750_200718 Medium parameters used: f = 793 MHz; σ = 0.878 S/m; ε_r = 41.642; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.67, 9.67, 9.67) @ 793 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.788 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.49 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.440 W/kg
Maximum value of SAR (measured) = 0.921 W/kg



0 dB = 0.921 W/kg = -0.36 dBW/kg

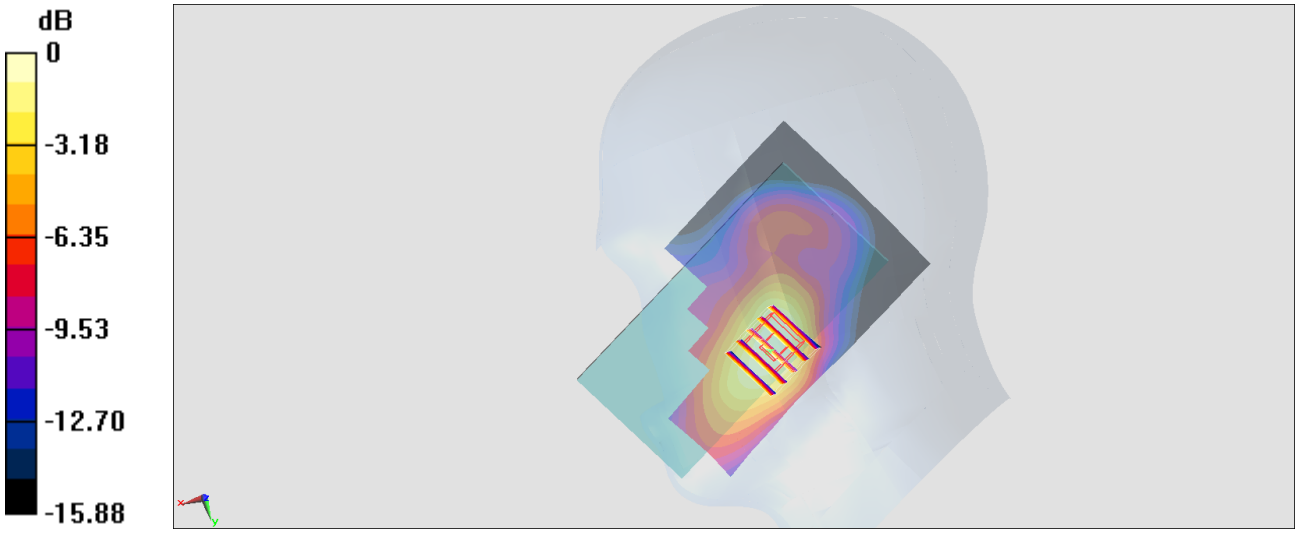
#13_LTE Band 25_20M_QPSK_1_0_Right Cheek_Ch26590

Communication System: LTE; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200622 Medium parameters used : f = 1905 MHz; σ = 1.435 S/m; ε_r = 40.262; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2) @ 1905 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2019/11/14
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.952 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.08 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.498 W/kg
Maximum value of SAR (measured) = 0.922 W/kg



0 dB = 0.922 W/kg = -0.35 dBW/kg

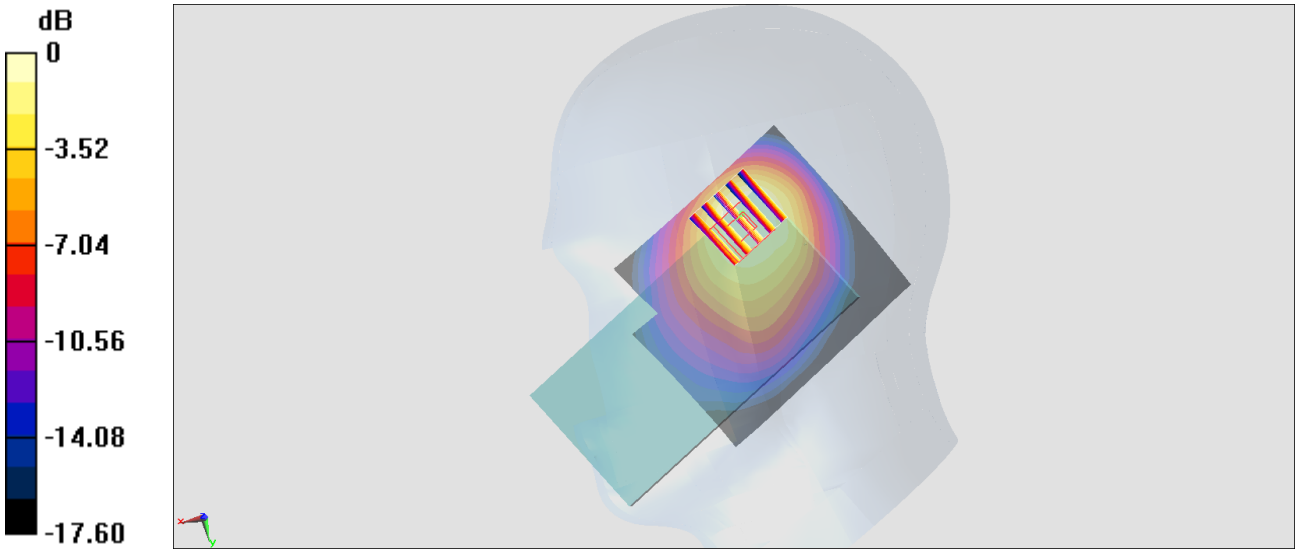
#14_LTE Band 26_15M_QPSK_1_0_Right Cheek_Ch26865

Communication System: LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200721 Medium parameters used: f = 831.5 MHz; σ = 0.875 S/m; ε_r = 40.866; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.51, 9.51, 9.51) @ 831.5 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.10 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.449 W/kg
Maximum value of SAR (measured) = 0.962 W/kg



0 dB = 0.962 W/kg = -0.17 dBW/kg

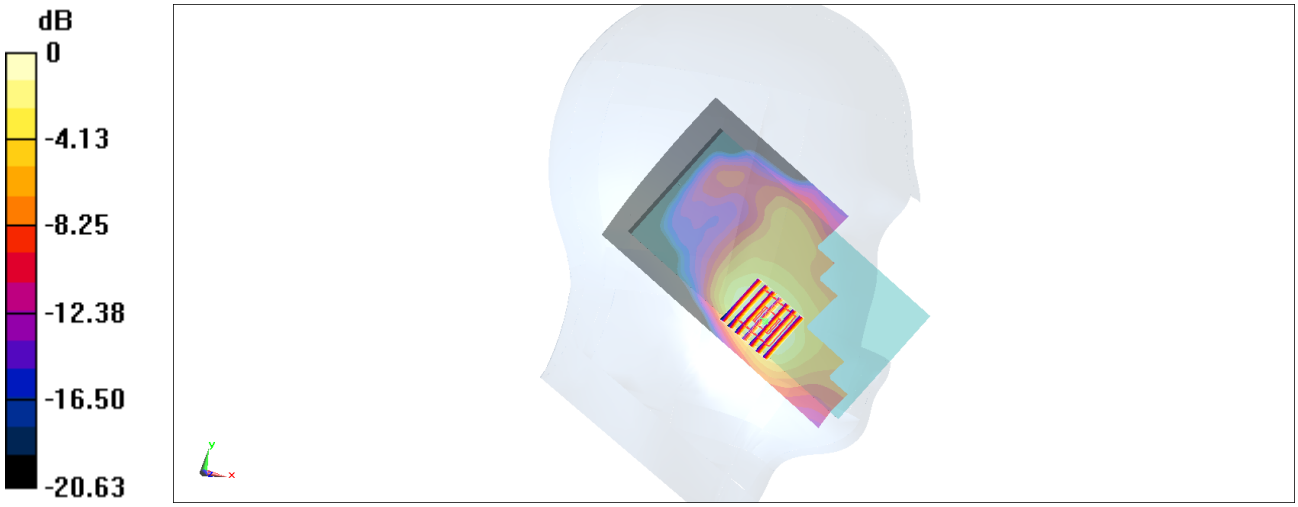
#15_LTE Band 30_10M_QPSK_1_0_Left Cheek_Ch27710

Communication System: LTE; Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: HSL_2300_200619 Medium parameters used: f = 2310 MHz; σ = 1.701 S/m; ε_r = 39.209; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.87, 7.87, 7.87) @ 2310 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.317 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.24 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.371 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.118 W/kg
Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.315 W/kg = -5.02 dBW/kg

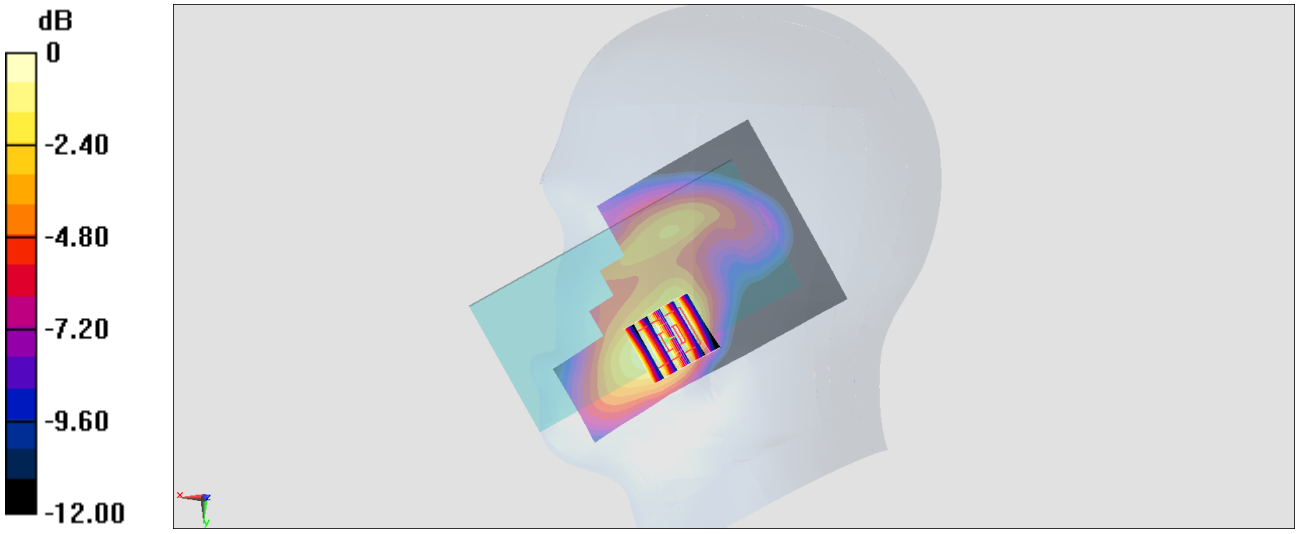
#16_LTE Band 66_20M_QPSK_1_0_Right Cheek_Ch132572

Communication System: LTE ; Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200624 Medium parameters used: f = 1770 MHz; σ = 1.392 S/m; ε_r = 41.649; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.41, 5.41, 5.41) @ 1770 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2019/11/14
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.590 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.01 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.777 W/kg
SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.329 W/kg
Maximum value of SAR (measured) = 0.599 W/kg



0 dB = 0.599 W/kg = -2.23 dBW/kg

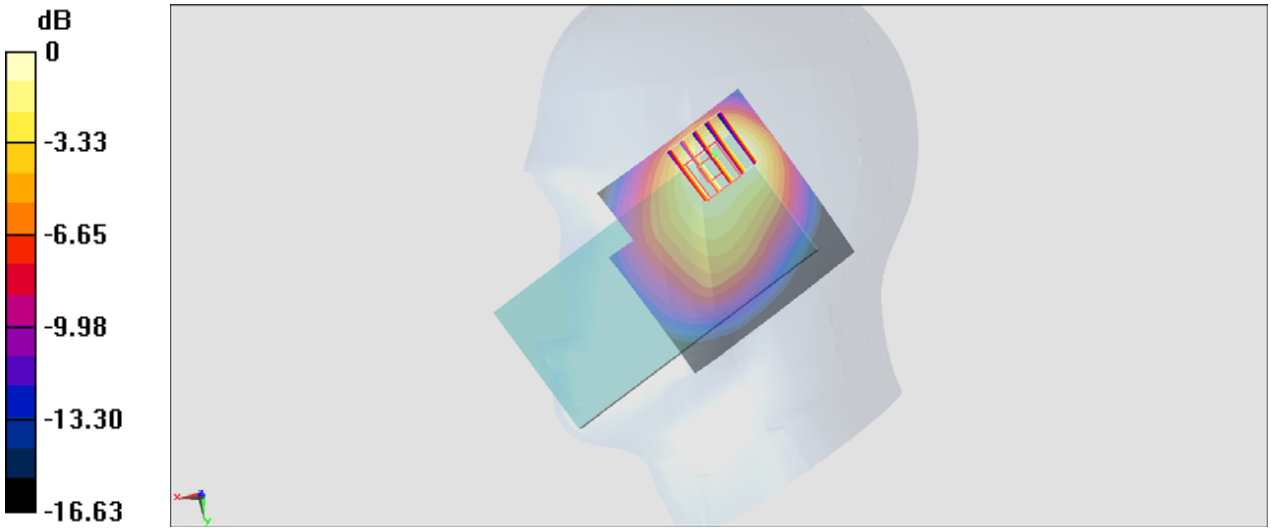
#17_LTE Band 71_20M_QPSK_1_0_Right Cheek_Ch133322

Communication System: LTE; Frequency: 683 MHz;Duty Cycle: 1:1
Medium: HSL_750_200729 Medium parameters used: f = 683 MHz; σ = 0.858 S/m; ε_r = 40.683; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7590; ConvF(11.05, 11.05, 11.05) @ 683 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Right; Type: QD000P40CB; Serial: S/N:1489
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.963 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.50 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.982 W/kg
SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.408 W/kg
Maximum value of SAR (measured) = 0.823 W/kg



0 dB = 0.823 W/kg = -0.85 dBW/kg

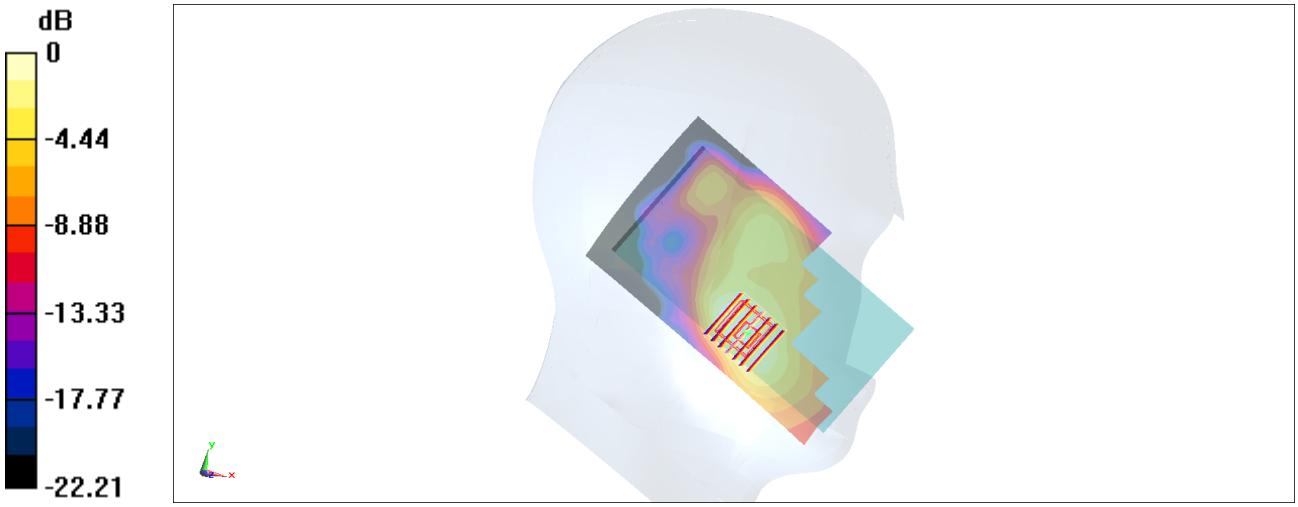
#18_LTE Band 41_20M_QPSK_1_49_Left Cheek_Ch41055

Communication System: LTE; Frequency: 2636.5 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_200620 Medium parameters used: f = 2636.5 MHz; σ = 2.055 S/m; ε_r = 37.714; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.5, 7.5, 7.5) @ 2636.5 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.467 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.51 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.551 W/kg
SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.168 W/kg
Maximum value of SAR (measured) = 0.454 W/kg



0 dB = 0.454 W/kg = -3.43 dBW/kg

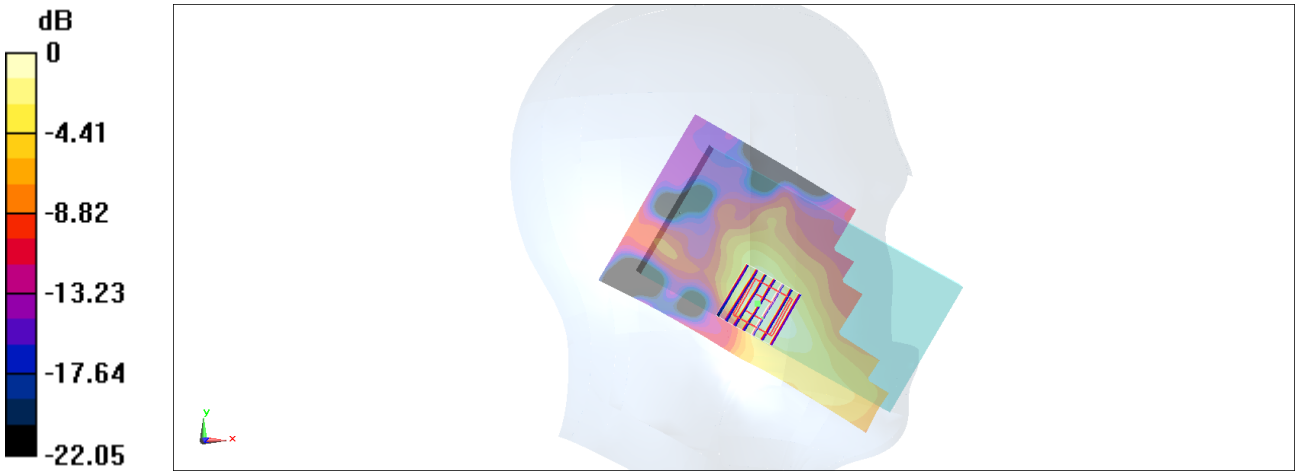
#19_LTE Band 48_20M_QPSK_1_0_Left Tilted_Ch55830

Communication System: LTE; Frequency: 3609 MHz;Duty Cycle: 1:1.59
Medium: HSL_3700_200722 Medium parameters used: f = 3609 MHz; σ = 3.159 S/m; ε_r = 38.459; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(6.45, 6.45, 6.45) @ 3609 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.494 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 10.01 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.511 W/kg
SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.102 W/kg
Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.381 W/kg = -4.19 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/7/28

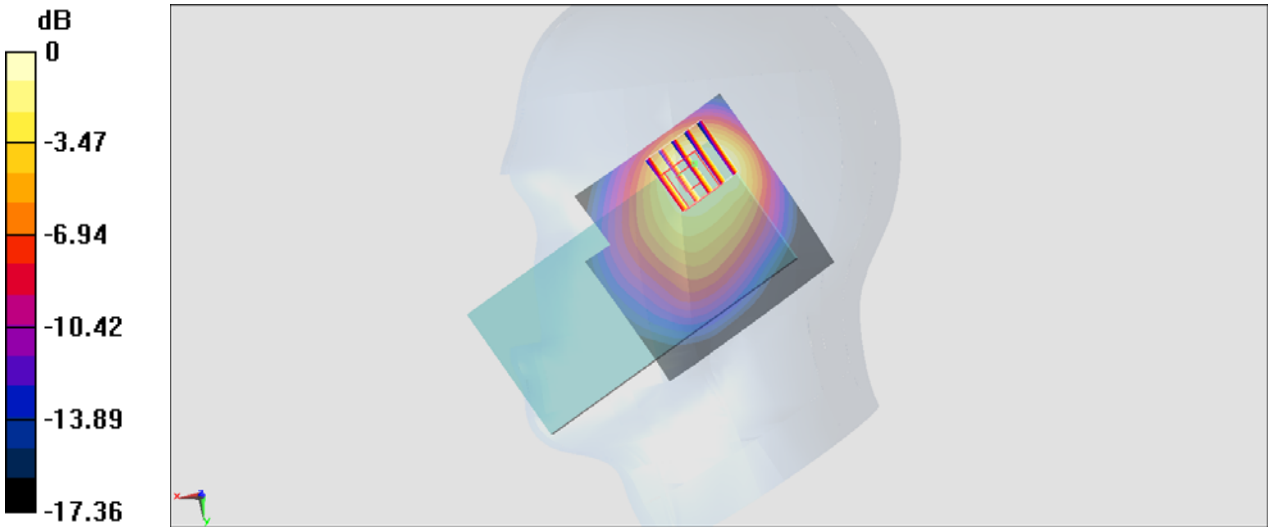
#20_LTE Sub 6G N5_20M_BPSK_1_53_Right Cheek_Ch167300

Communication System: NR; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200728 Medium parameters used : f = 836.5 MHz; σ = 0.927 S/m; ε_r = 42.433; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7590; ConvF(10.63, 10.63, 10.63) @ 836.5 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Right; Type: QD000P40CB; Serial: S/N:1489
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.43 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.561 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



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

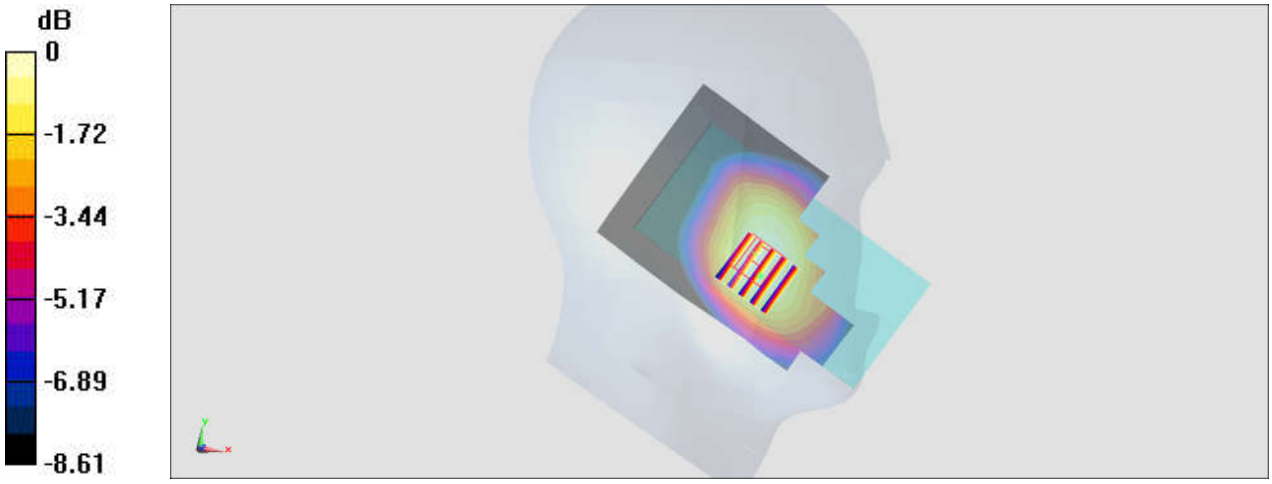
#21_LTE Sub 6G N12_15M_BPSK_1_1_Left Cheek_Ch141500

Communication System: NR; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_200717 Medium parameters used : f = 707.5 MHz; σ = 0.881 S/m; ε_r = 41.573; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 707.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.237 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.68 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.268 W/kg
SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.164 W/kg
Maximum value of SAR (measured) = 0.235 W/kg



0 dB = 0.235 W/kg = -6.29 dBW/kg

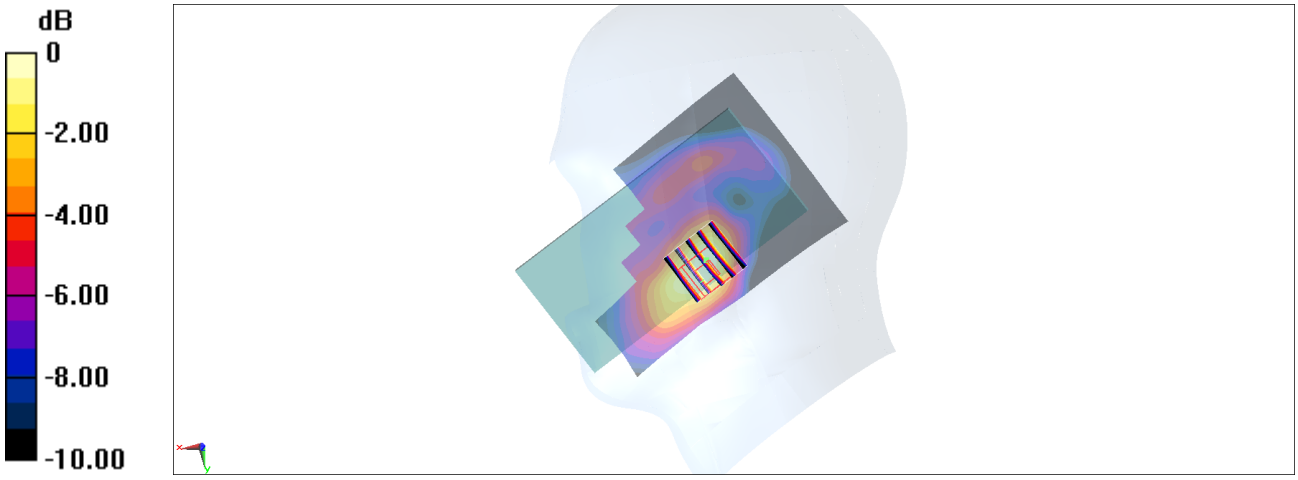
#22_LTE Sub 6G N25_20M_BPSK_1_53_Right Cheek_Ch376000

Communication System: NR; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200716 Medium parameters used: f = 1880 MHz; σ = 1.418 S/m; ε_r = 40.476; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23) @ 1880 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.816 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.00 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.991 W/kg
SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.452 W/kg
Maximum value of SAR (measured) = 0.807 W/kg



0 dB = 0.807 W/kg = -0.93 dBW/kg

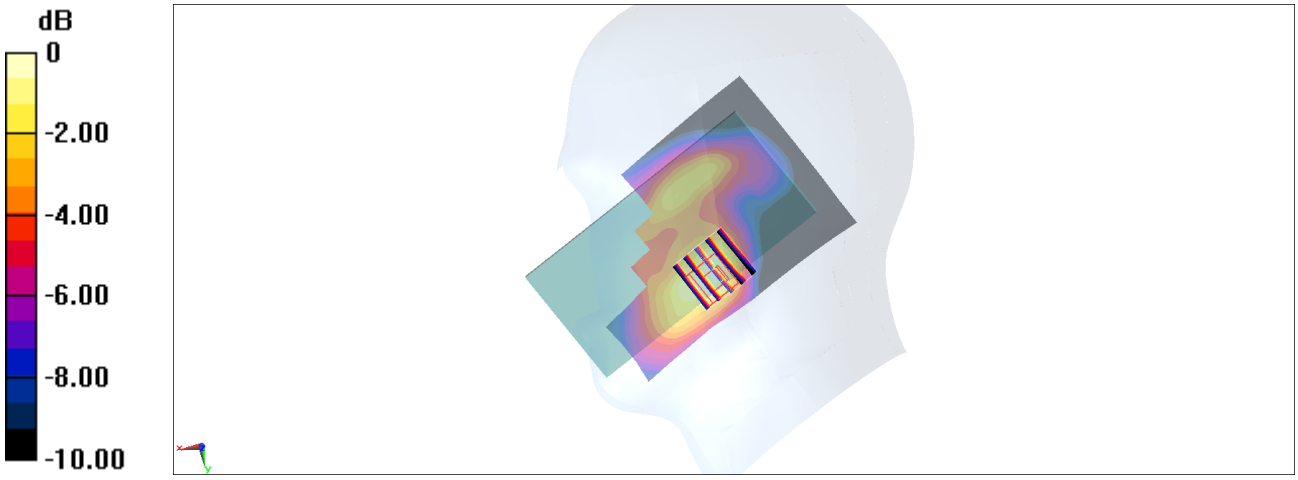
#23_LTE Sub 6G N66_20M_BPSK_1_104_Right Cheek_Ch344000

Communication System: NR; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200716 Medium parameters used: f = 1720 MHz; σ = 1.36 S/m; ε_r = 40.393; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.45, 5.45, 5.45) @ 1720 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.507 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.64 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.667 W/kg
SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.307 W/kg
Maximum value of SAR (measured) = 0.533 W/kg



0 dB = 0.533 W/kg = -2.73 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/7/17

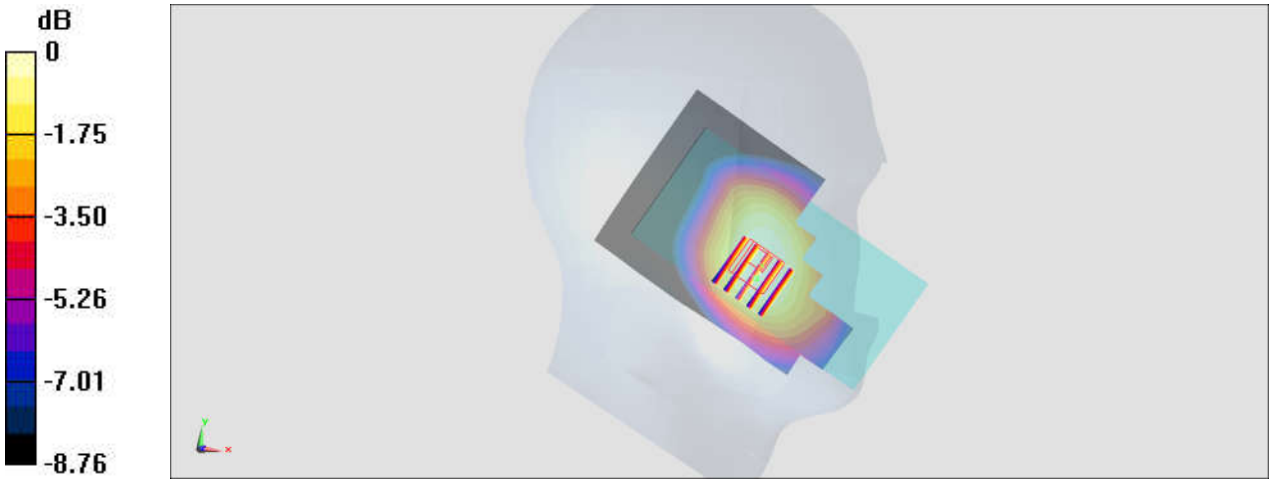
#24_LTE Sub 6G N71_20M_BPSK_50_28_Left Cheek_Ch136100

Communication System: NR; Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_200717 Medium parameters used : f = 680.5 MHz; σ = 0.871 S/m; ε_r = 41.683; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 680.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.315 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.43 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.218 W/kg
Maximum value of SAR (measured) = 0.309 W/kg



0 dB = 0.309 W/kg = -5.10 dBW/kg

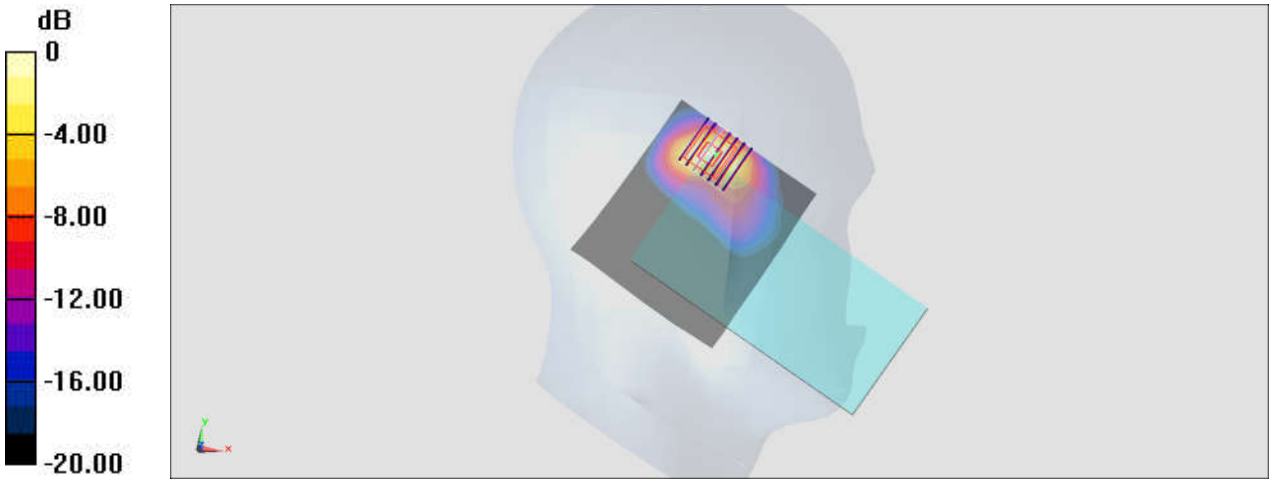
#25_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_200804 Medium parameters used: f = 2462 MHz; σ = 1.773 S/m; ε_r = 38.958; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.57, 4.57, 4.57) @ 2462 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.657 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.98 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 0.716 W/kg



0 dB = 0.716 W/kg = -1.45 dBW/kg

#26_WLAN5GHz_802.11a 6Mbps_Left Tilted_Ch52

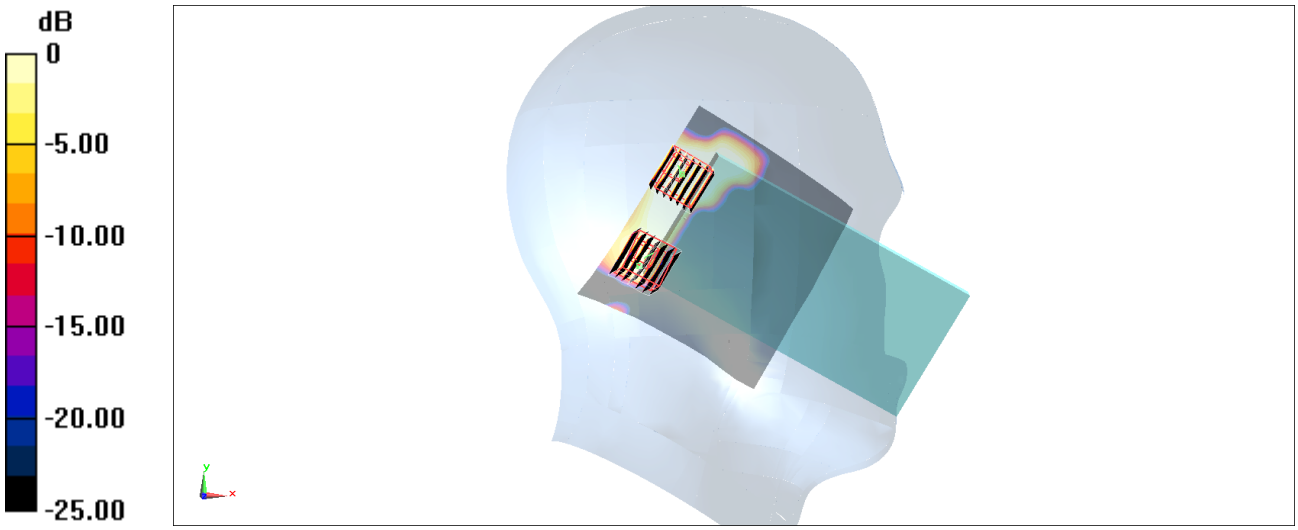
Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1.020
Medium: HSL_5G_200731 Medium parameters used: f = 5260 MHz; σ = 4.747 S/m; ε_r = 36.606; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(4.43, 4.43, 4.43) @ 5260 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (111x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.27 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.69 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.39 W/kg
SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.145 W/kg
Maximum value of SAR (measured) = 1.51 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.69 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.380 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.259 W/kg



0 dB = 0.259 W/kg = -5.87 dBW/kg

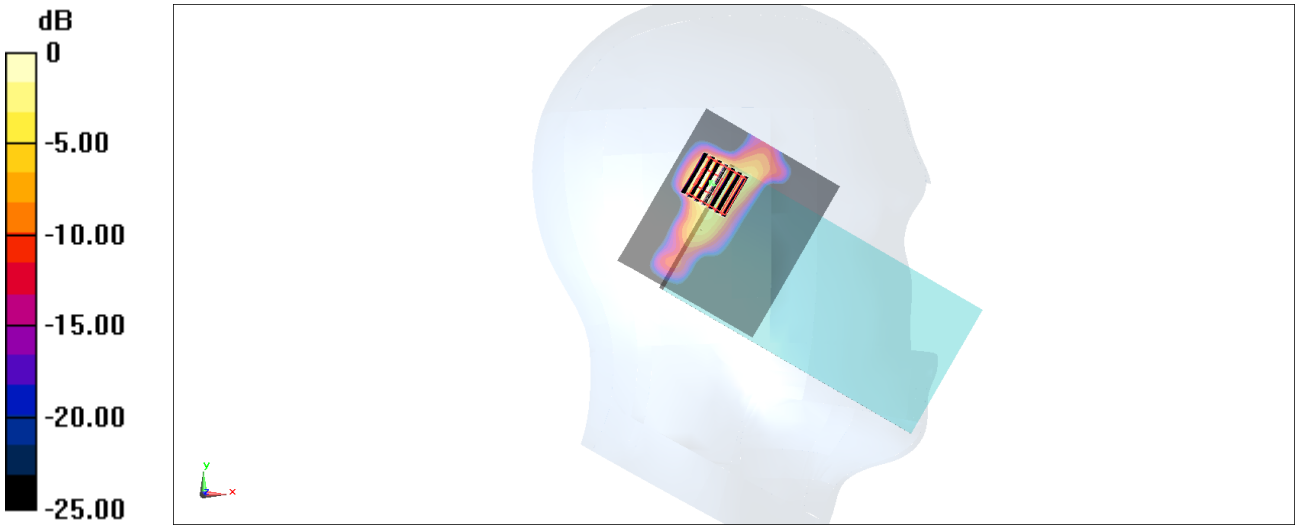
#27_WLAN5GHz_802.11ac-VHT80 MCS0_Left Tilted_Ch122

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.079
Medium: HSL_5G_200804 Medium parameters used : f = 5610 MHz; σ = 5.196 S/m; ε_r = 36.44; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(4.19, 4.19, 4.19) @ 5610 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.432 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.144 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

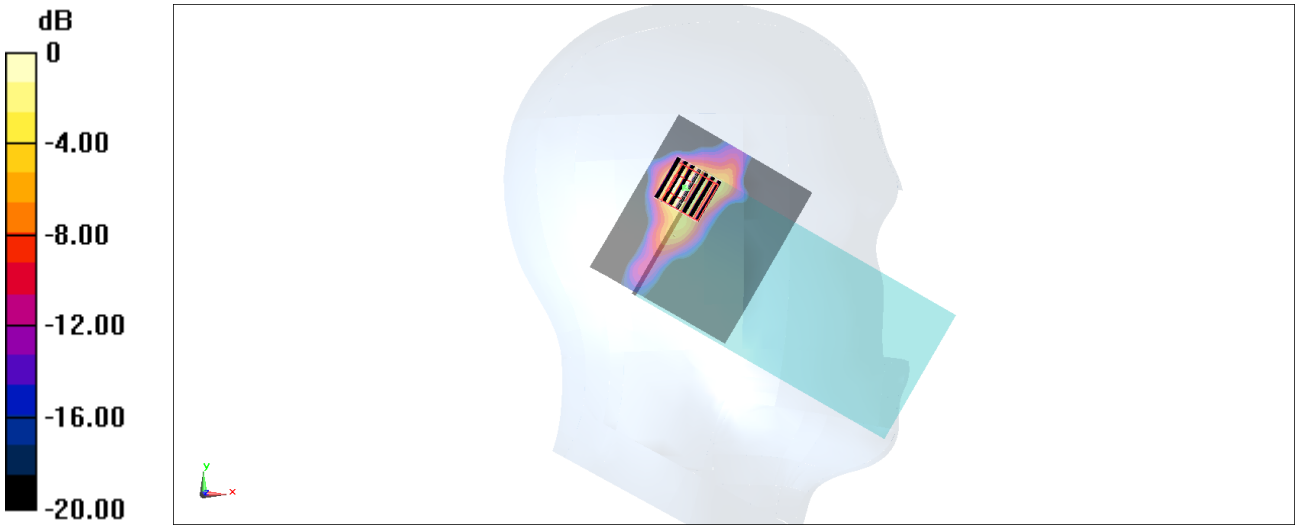
#28_WLAN5GHz_802.11ac-VHT80 MCS0_Left Tilted_Ch155

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.079
Medium: HSL_5G_200804 Medium parameters used: f = 5775 MHz; σ = 5.378 S/m; ε_r = 36.229; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(4.17, 4.17, 4.17) @ 5775 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.52 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.397 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.41 W/kg
SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

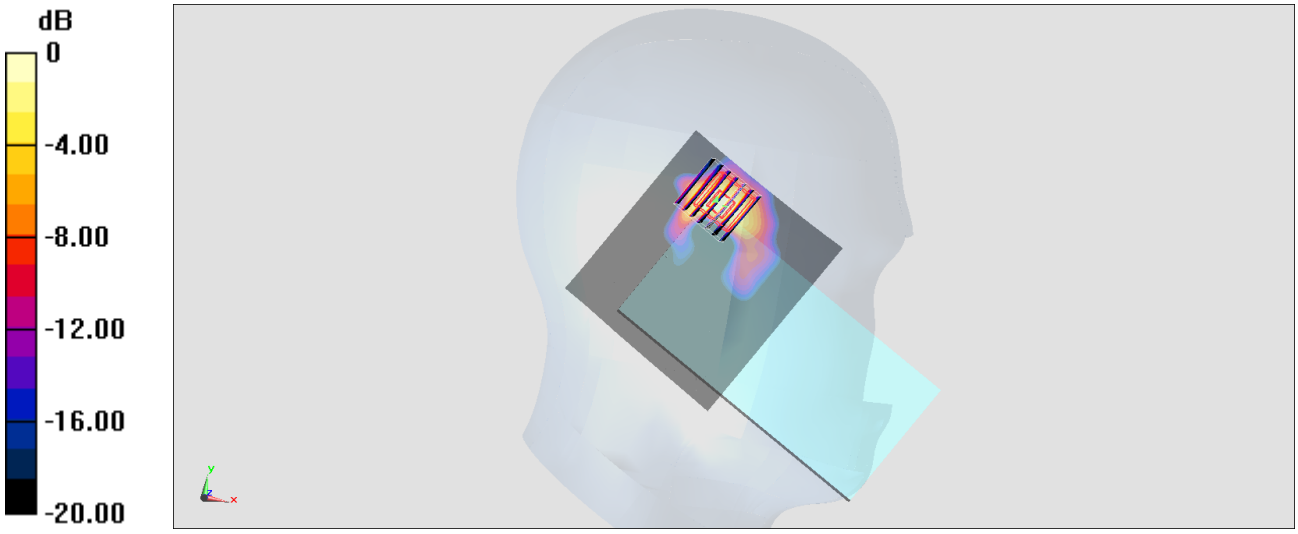
#29_Bluetooth_1Mbps_Left Cheek_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.297
Medium: HSL_2450_200715 Medium parameters used: f = 2441 MHz; σ = 1.817 S/m; ε_r = 40.339; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(7.33, 7.33, 7.33) @ 2441 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.418 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.84 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.436 W/kg
SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.314 W/kg



0 dB = 0.314 W/kg = -5.03 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/6/19

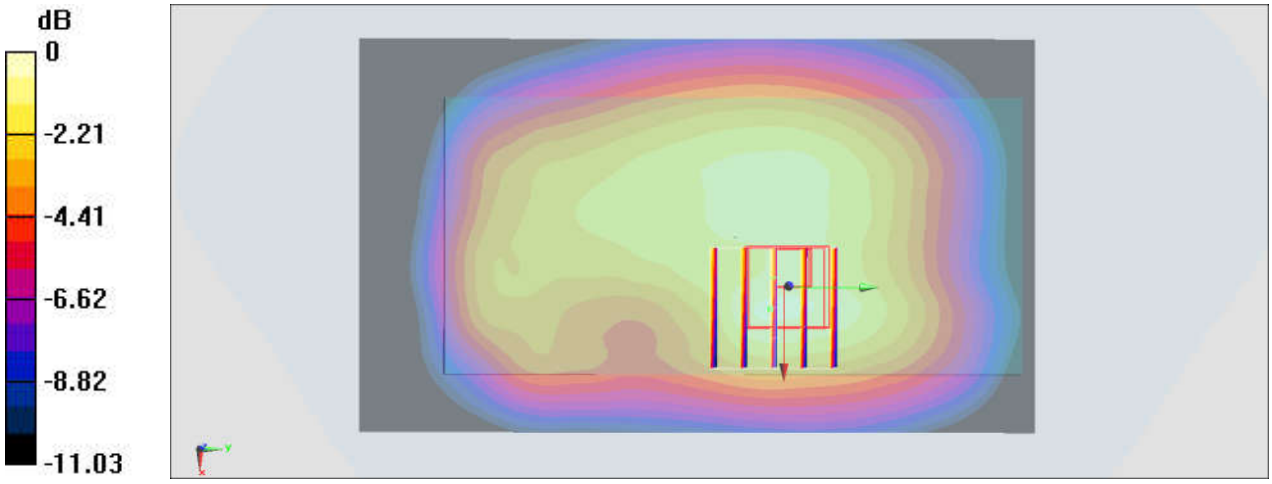
#30_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_200619 Medium parameters used: f = 824.2 MHz; σ = 0.866 S/m; ε_r = 42.62; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.51, 9.51, 9.51) @ 824.2 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.506 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.89 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.647 W/kg
SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.335 W/kg
Maximum value of SAR (measured) = 0.581 W/kg



0 dB = 0.581 W/kg = -2.36 dBW/kg

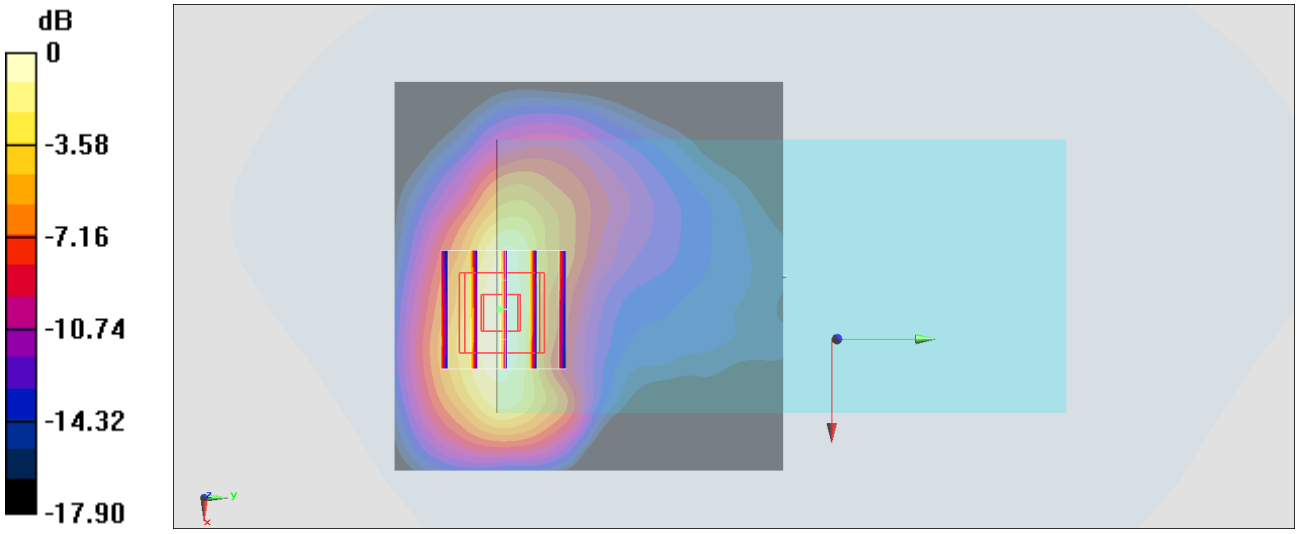
#31_GSM1900_GPRS (4 Tx slots)_Back_10mm_Ch661

Communication System: PCS ; Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_200704 Medium parameters used: f = 1880 MHz; σ = 1.453 S/m; ε_r = 40.654; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(7.82, 7.82, 7.82) @ 1880 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x71x1): 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 = 17.64 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.443 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



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

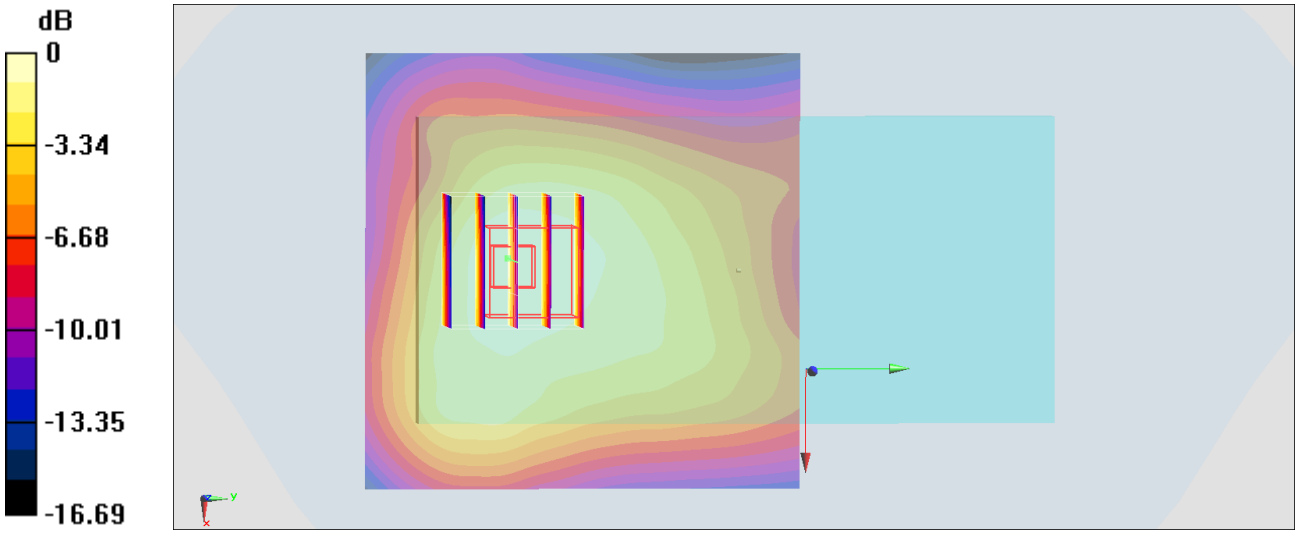
#32_WCDMA II_RMC 12.2Kbps_Front_10mm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200704 Medium parameters used : f = 1852.4 MHz; σ = 1.452 S/m; ε_r = 40.651; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(7.82, 7.82, 7.82) @ 1852.4 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x71x1): 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 = 25.20 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.552 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



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

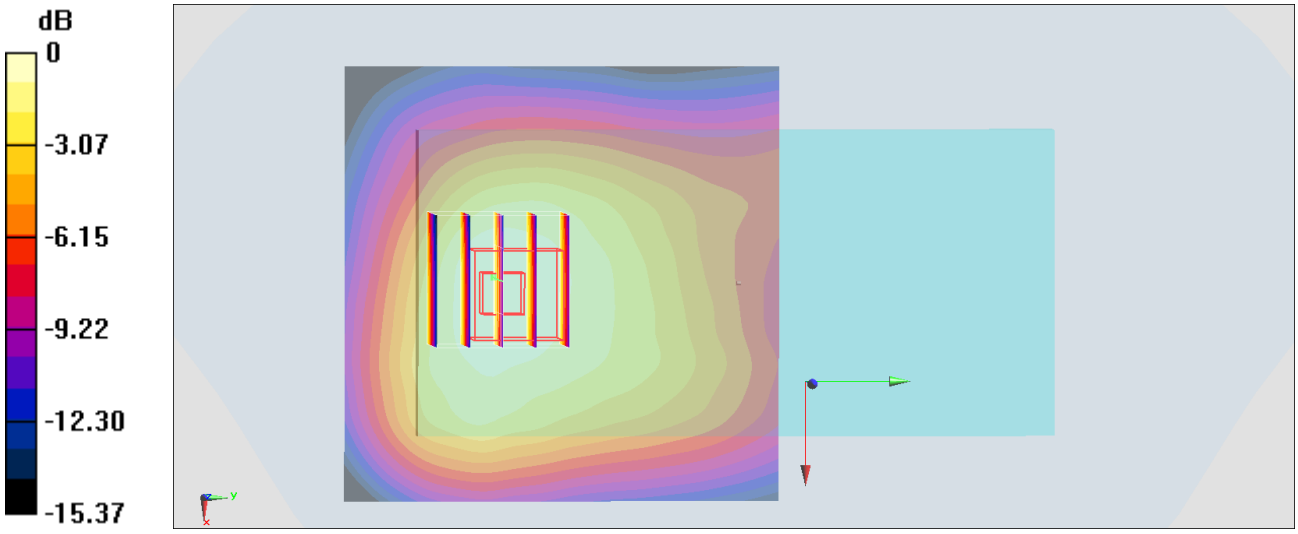
#33_WCDMA IV_RMC 12.2Kbps_Front_10mm_Ch1413

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200706 Medium parameters used: f = 1733 MHz; σ = 1.375 S/m; ε_r = 41.826; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(8.06, 8.06, 8.06) @ 1732.6 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.78 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.838 W/kg; SAR(10 g) = 0.546 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



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

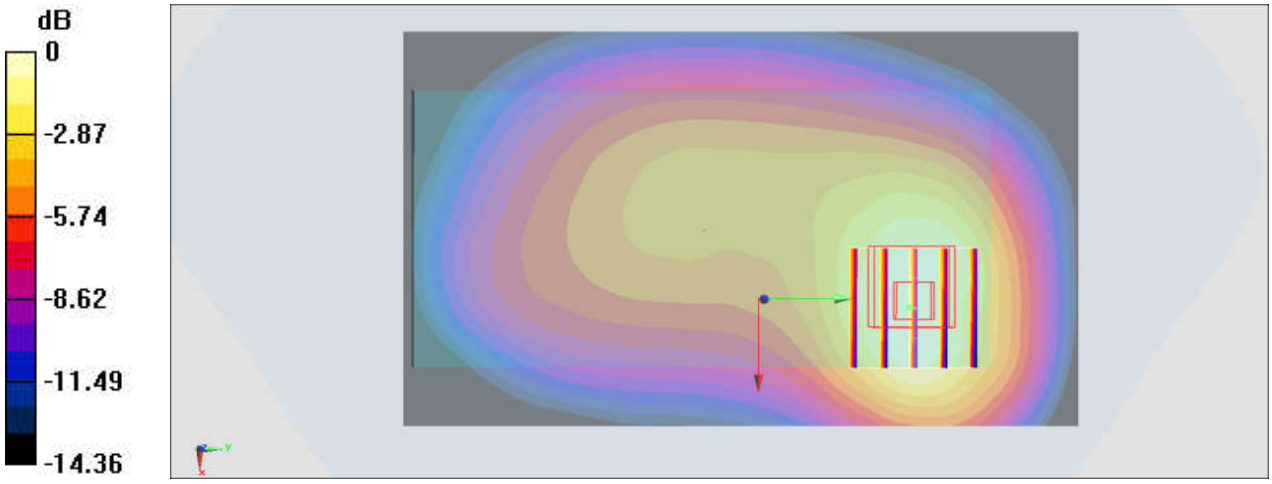
#34_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_200619 Medium parameters used: f = 836.4 MHz; σ = 0.877 S/m; ε_r = 42.478; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.51, 9.51, 9.51) @ 836.4 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.746 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.35 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.852 W/kg
SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.349 W/kg
Maximum value of SAR (measured) = 0.741 W/kg



0 dB = 0.741 W/kg = -1.30 dBW/kg

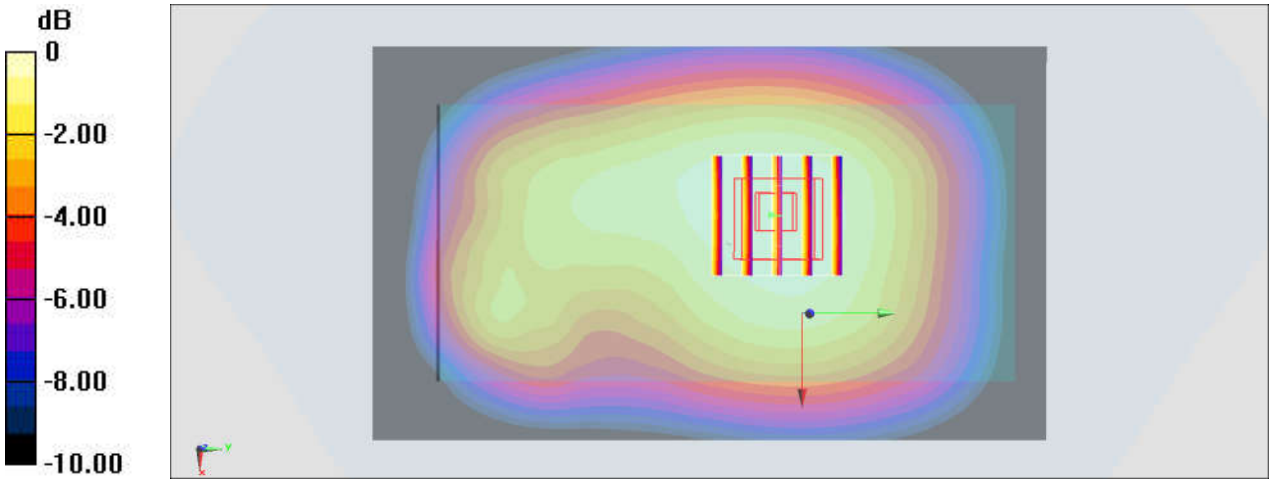
#35_CDMA BC0_RTAP 153.6Kbps_Back_10mm_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: HSL_850_200619 Medium parameters used: f = 837 MHz; σ = 0.878 S/m; ε_r = 42.472; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.51, 9.51, 9.51) @ 836.52 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.678 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.90 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.748 W/kg
SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.444 W/kg
Maximum value of SAR (measured) = 0.693 W/kg



0 dB = 0.693 W/kg = -1.59 dBW/kg

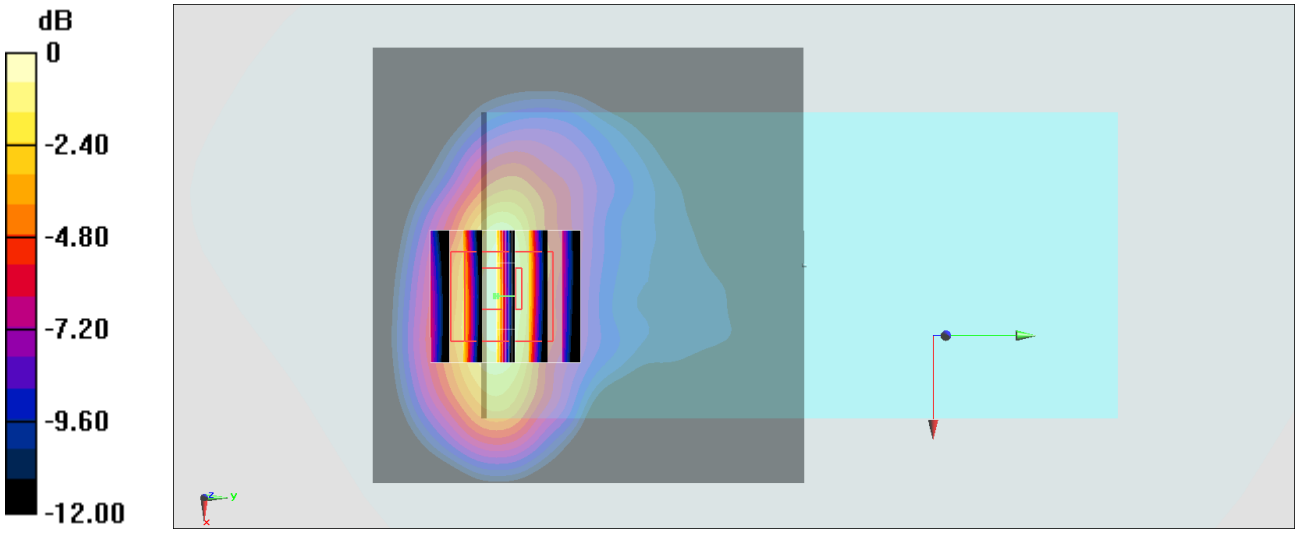
#36_CDMA BC1_RTAP 153.6Kbps_Back_10mm_Ch600

Communication System: CDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200707 Medium parameters used: f = 1880 MHz; σ = 1.435 S/m; ε_r = 40.295; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(7.82, 7.82, 7.82) @ 1880 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.80 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.418 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/6/19

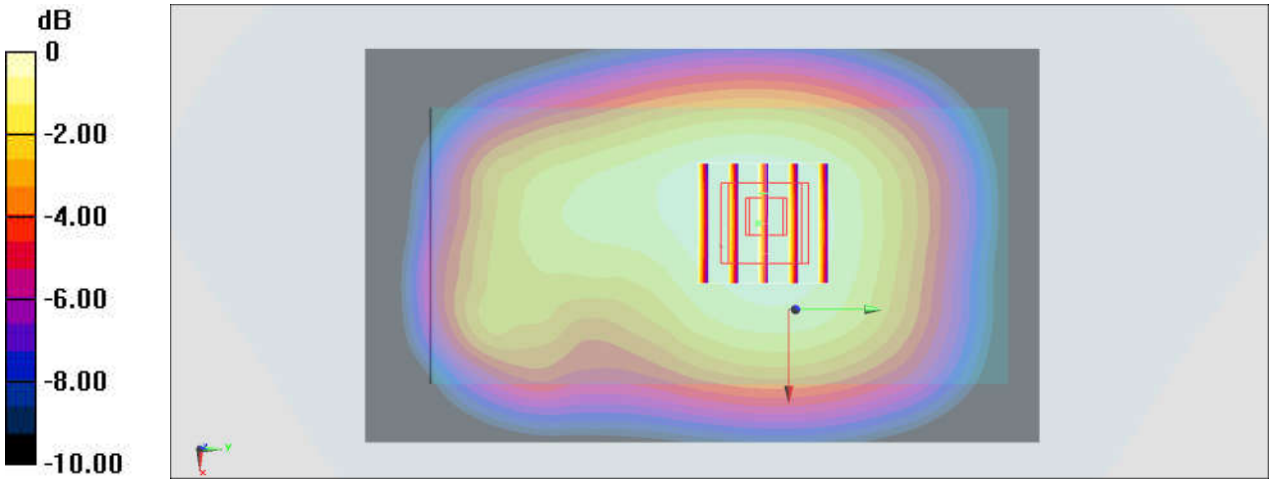
#37_CDMA BC10_RTAP 153.6Kbps_Back_10mm_Ch580

Communication System: CDMA; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200619 Medium parameters used: f = 820.5 MHz; σ = 0.863 S/m; ε_r = 42.664; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.51, 9.51, 9.51) @ 820.5 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.724 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.10 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.461 W/kg
Maximum value of SAR (measured) = 0.720 W/kg



0 dB = 0.720 W/kg = -1.43 dBW/kg

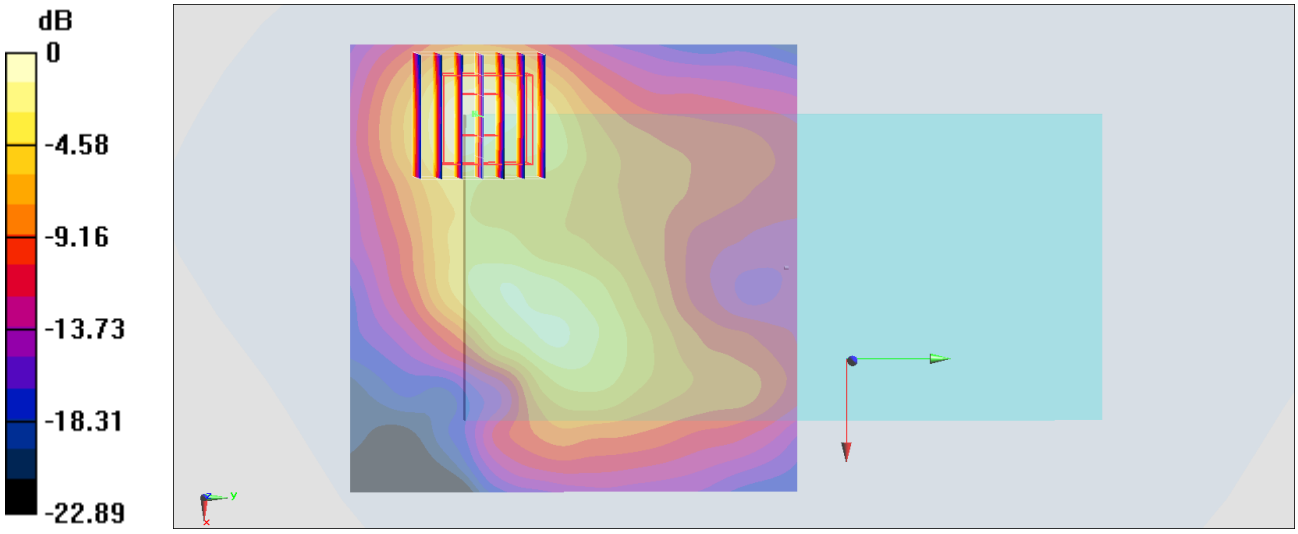
#38_LTE Band 7_20M_QPSK_1_99_Back_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_200708 Medium parameters used: f = 2560 MHz; σ = 1.941 S/m; ε_r = 39.767; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(7.08, 7.08, 7.08) @ 2560 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.82 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.390 W/kg
Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

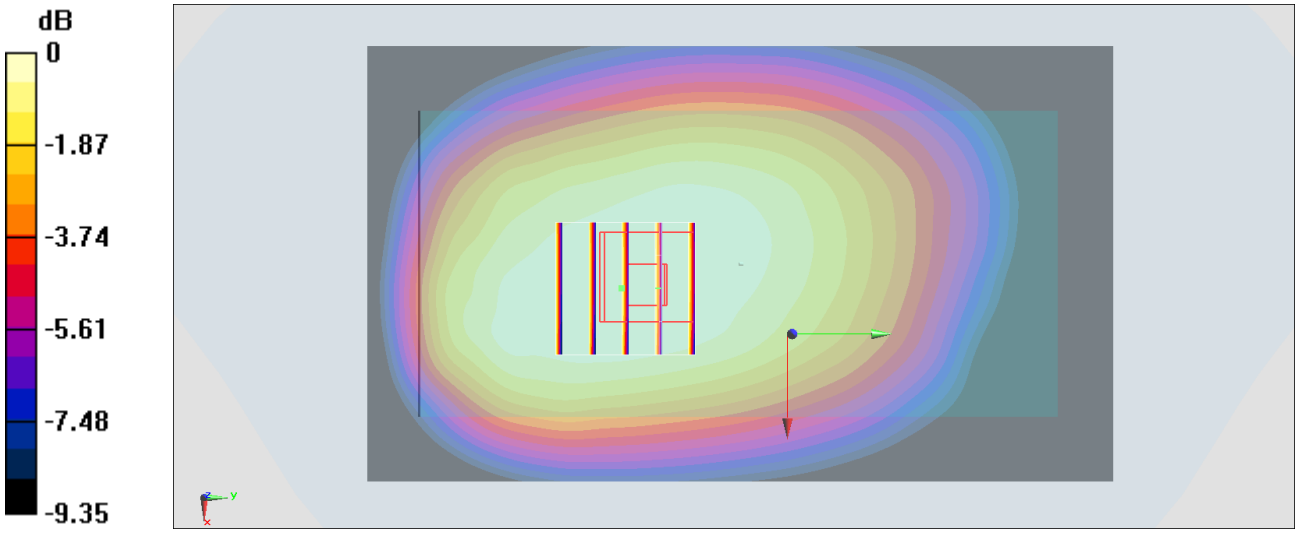
#39_LTE Band 12_10M_QPSK_1_49_Back_10mm_Ch23095

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_200630 Medium parameters used: f = 707.5 MHz; σ = 0.901 S/m; ε_r = 42.16; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 707.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2019/11/14
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.588 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.46 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.691 W/kg
SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.397 W/kg
Maximum value of SAR (measured) = 0.575 W/kg



0 dB = 0.575 W/kg = -2.40 dBW/kg

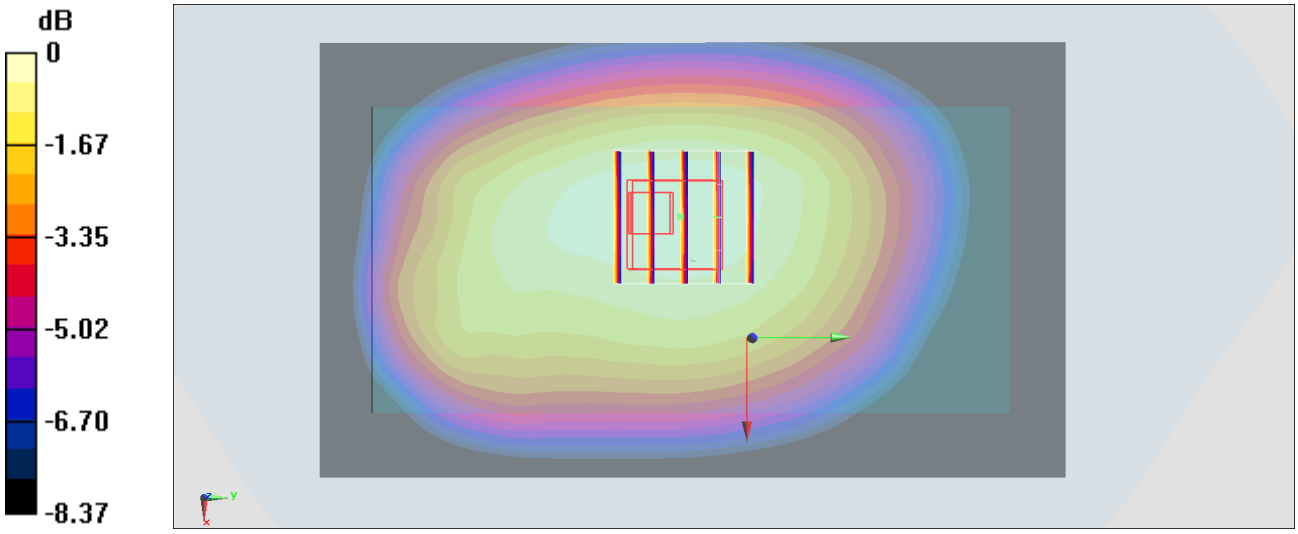
#40_LTE Band 13_10M_QPSK_1_49_Back_10mm_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_200701 Medium parameters used: f = 782 MHz; σ = 0.913 S/m; ε_r = 40.776; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.67, 9.67, 9.67) @ 782 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.717 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.48 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.800 W/kg
SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.431 W/kg
Maximum value of SAR (measured) = 0.711 W/kg



0 dB = 0.711 W/kg = -1.48 dBW/kg

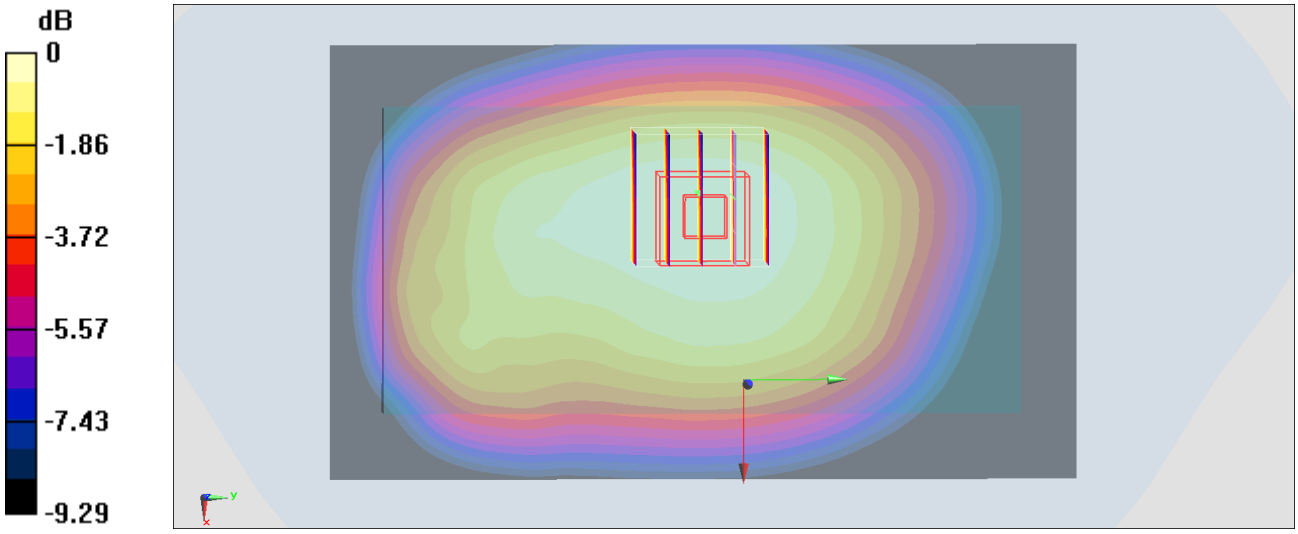
#41_LTE Band 14_10M_QPSK_1_49_Back_10mm_Ch23330

Communication System: LTE; Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750_200630 Medium parameters used: f = 793 MHz; σ = 0.931 S/m; ε_r = 41.852; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 793 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2019/11/14
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.717 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.82 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.891 W/kg
SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.486 W/kg
Maximum value of SAR (measured) = 0.719 W/kg



0 dB = 0.719 W/kg = -1.43 dBW/kg

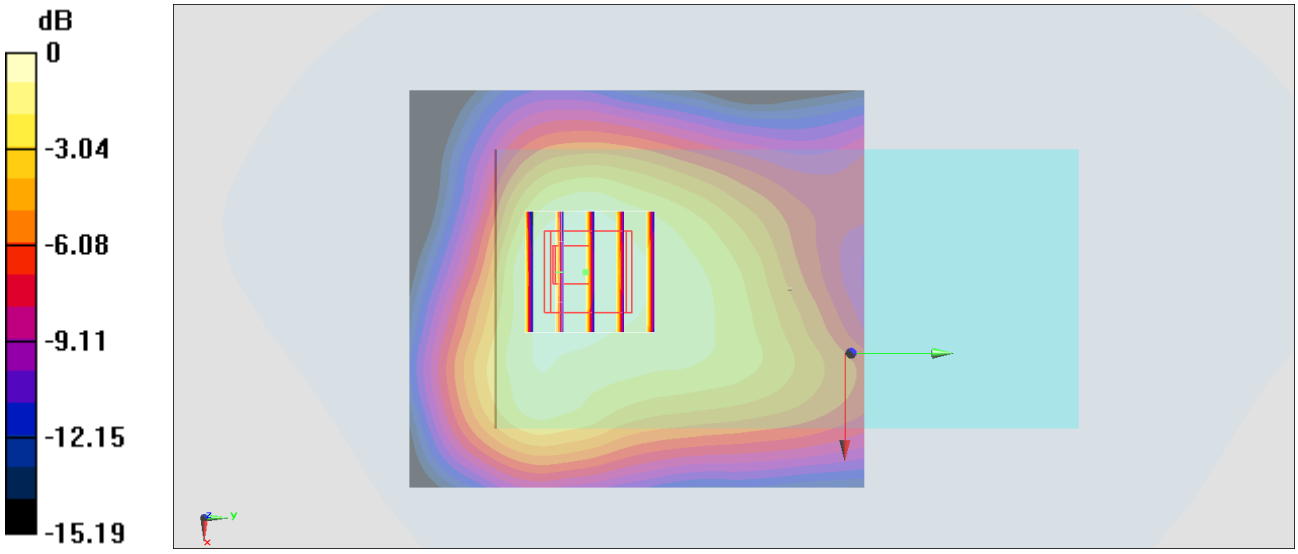
#42_LTE Band 25_20M_QPSK_1_0_Front_10mm_Ch26340

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200719 Medium parameters used: f = 1880 MHz; σ = 1.387 S/m; ε_r = 40.136; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(7.82, 7.82, 7.82) @ 1880 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.53 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.472 W/kg
Maximum value of SAR (measured) = 0.982 W/kg



0 dB = 0.982 W/kg = -0.08 dBW/kg

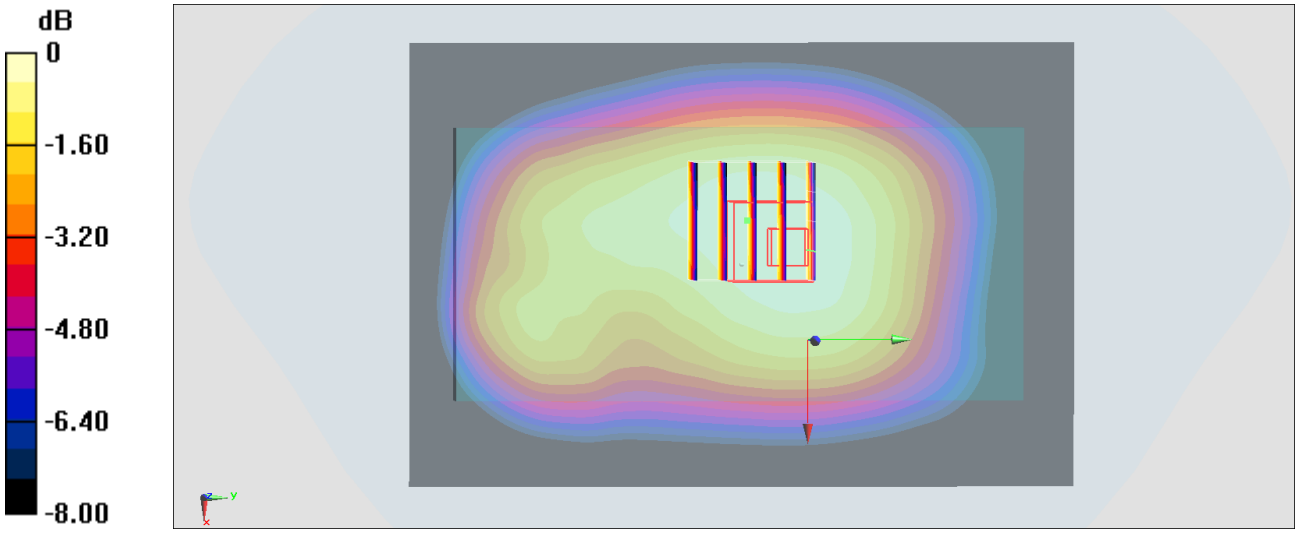
#43_LTE Band 26_15M_QPSK_1_0_Back_10mm_Ch26865

Communication System: LTE ; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200624 Medium parameters used : f = 831.5 MHz; σ = 0.911 S/m; ε_r = 42.652; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.43, 6.43, 6.43) @ 831.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2019/11/14
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.609 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.25 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.709 W/kg
SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.412 W/kg
Maximum value of SAR (measured) = 0.588 W/kg



0 dB = 0.588 W/kg = -2.31 dBW/kg

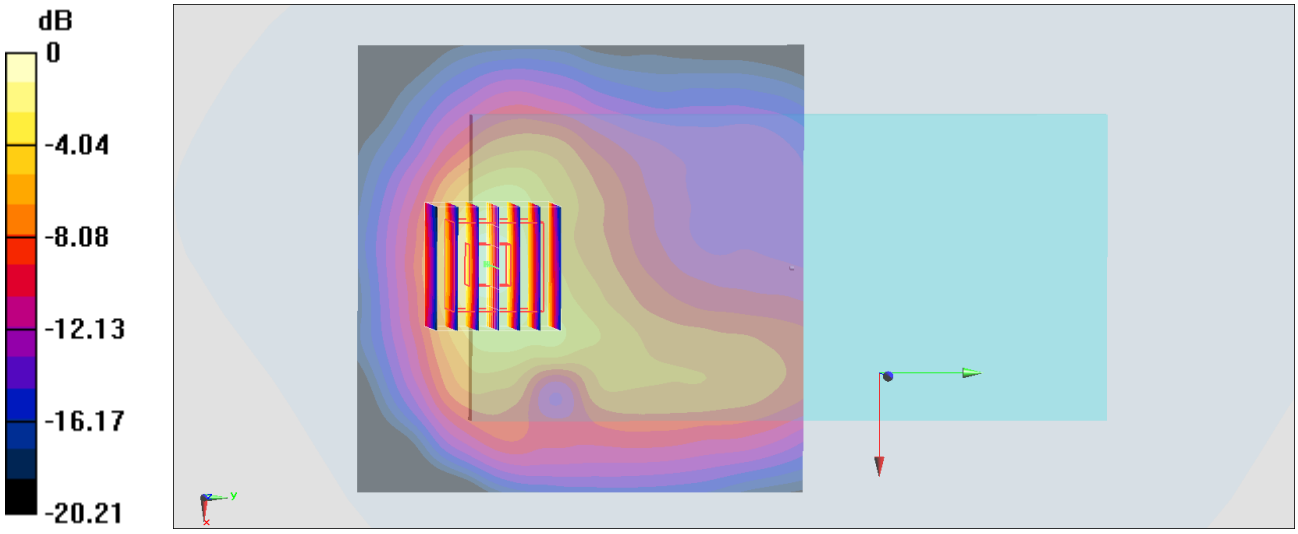
#44_LTE Band 30_10M_QPSK_1_0_Back_10mm_Ch27710

Communication System: LTE; Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: HSL_2300_200707 Medium parameters used: f = 2310 MHz; σ = 1.7 S/m; ε_r = 39.647; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(7.56, 7.56, 7.56) @ 2310 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.98 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.828 W/kg; SAR(10 g) = 0.409 W/kg
Maximum value of SAR (measured) = 1.33 W/kg



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

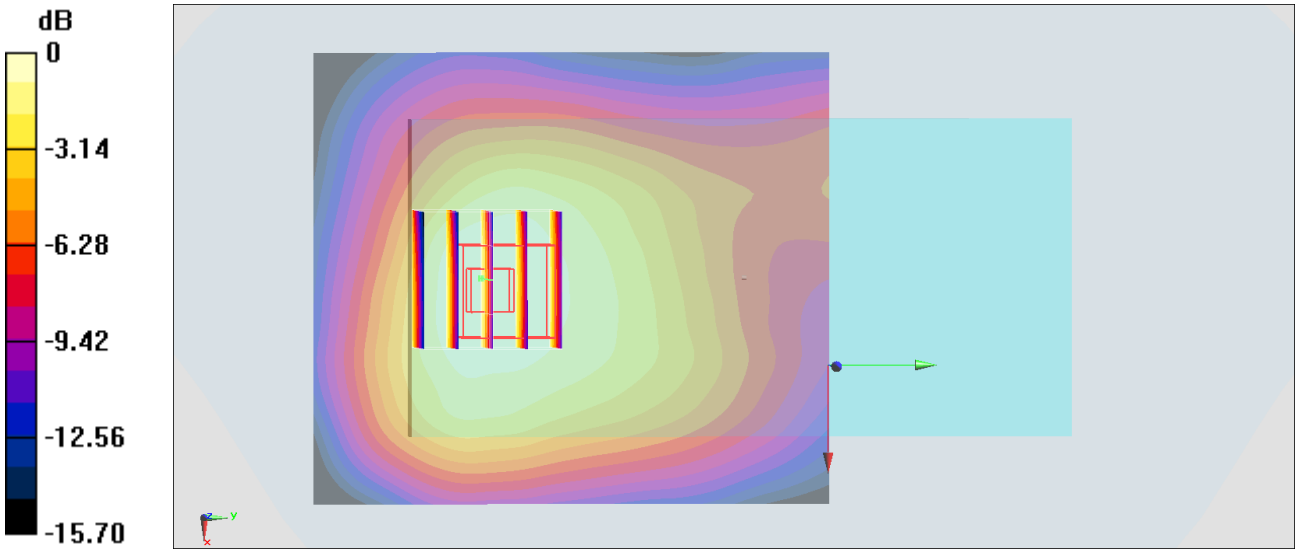
#45_LTE Band 66_20M_QPSK_1_0_Front_10mm_Ch132072

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200720 Medium parameters used: f = 1720 MHz; σ = 1.338 S/m; ε_r = 39.557; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(8.06, 8.06, 8.06) @ 1720 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.982 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.38 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.467 W/kg
Maximum value of SAR (measured) = 0.943 W/kg



0 dB = 0.943 W/kg = -0.25 dBW/kg

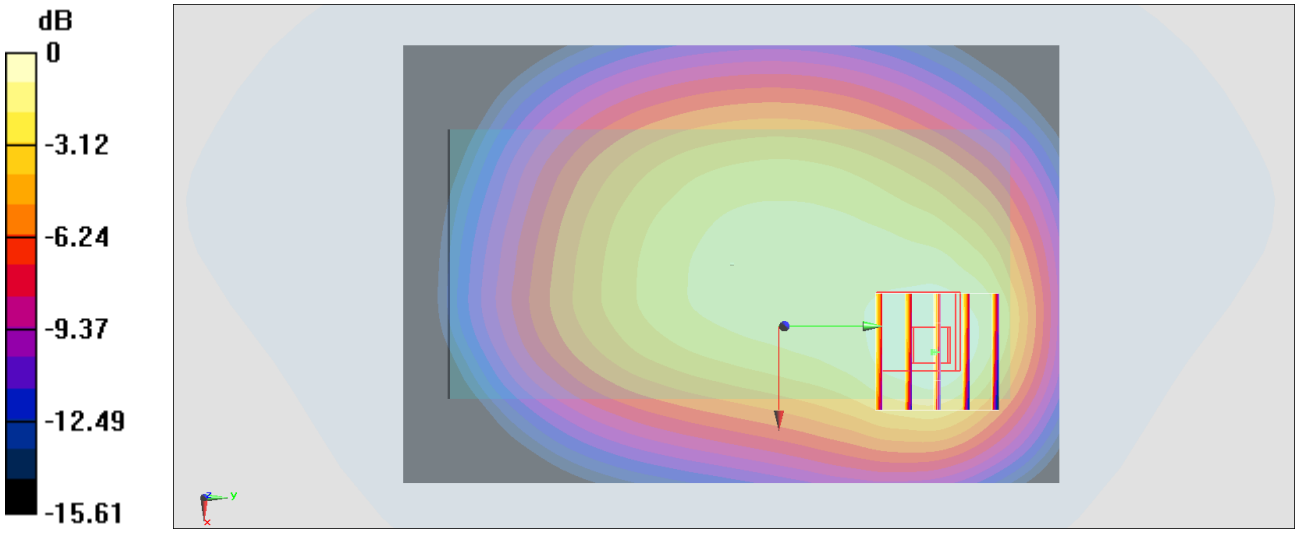
#46_LTE Band 71_20M_QPSK_1_0_Back_10mm_Ch133322

Communication System: LTE; Frequency: 683 MHz;Duty Cycle: 1:1
Medium: HSL_750_200629 Medium parameters used: f = 683 MHz; σ = 0.889 S/m; ε_r = 42.059; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 683 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2019/11/14
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.581 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.57 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.736 W/kg
SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.332 W/kg
Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg = -2.46 dBW/kg

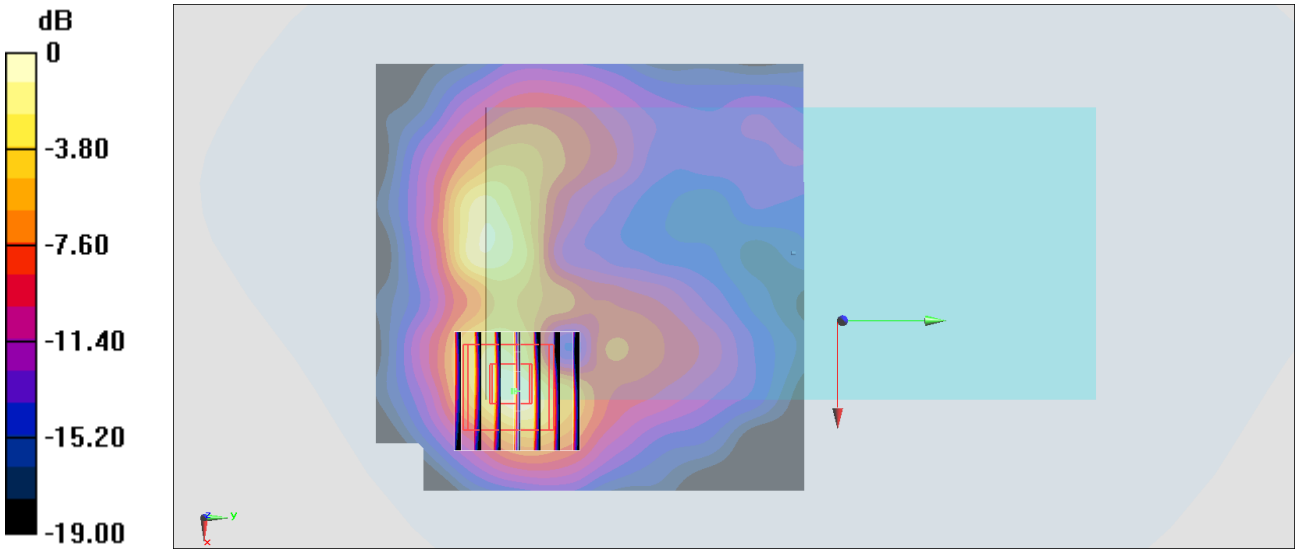
#47_LTE Band 41_20M_QPSK_1_49_Back_10mm_Ch41490

Communication System: LTE; Frequency: 2680 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_200725 Medium parameters used: f = 2680 MHz; σ = 2.108 S/m; ε_r = 38.84; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(7.08, 7.08, 7.08) @ 2680 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.60 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.278 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

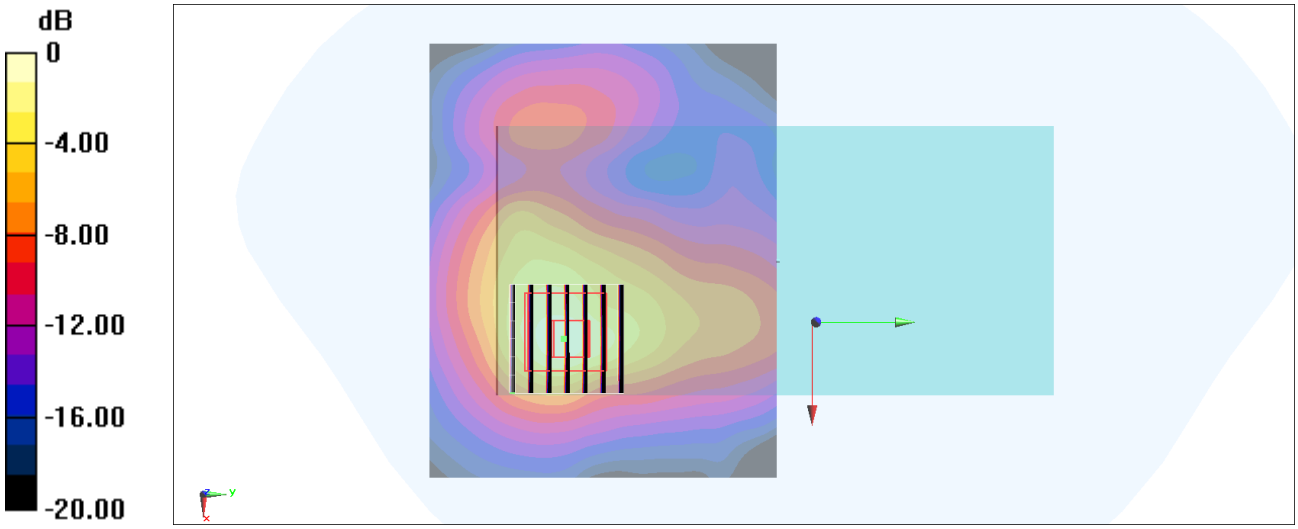
#48_LTE Band 48_20M_QPSK_1_0_Back_10mm_Ch56640

Communication System: LTE; Frequency: 3690 MHz;Duty Cycle: 1:1.59
Medium: HSL_3700_200726 Medium parameters used : f = 3690 MHz; σ = 3.238 S/m; ε_r = 38.279; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(6.45, 6.45, 6.45) @ 3690 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.41 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 19.71 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.287 W/kg
Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

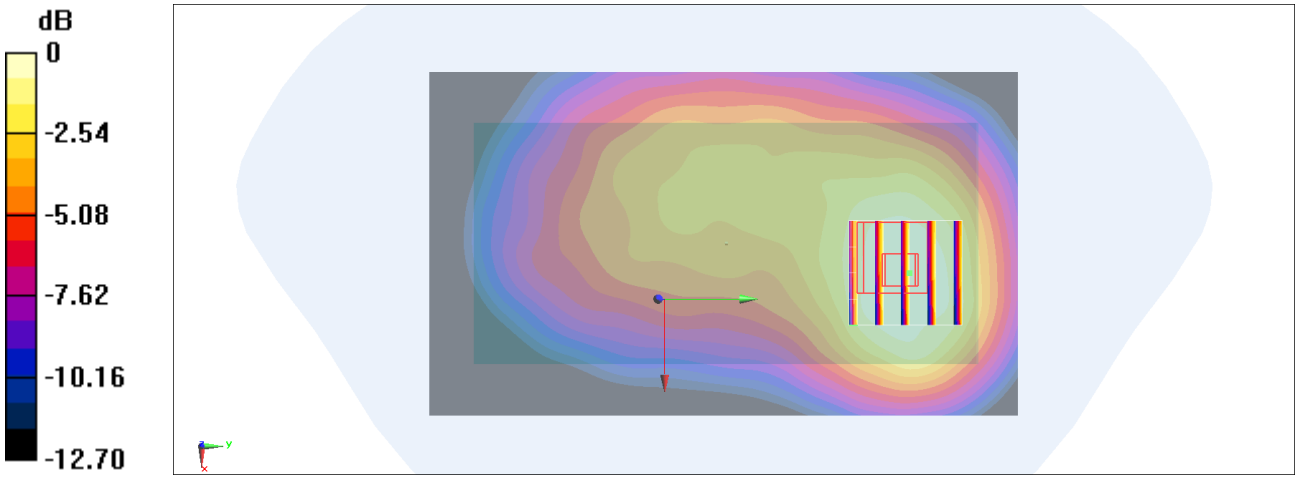
#49_LTE Sub 6G N5_20M_BPSK_1_53_Back_10mm_Ch167300

Communication System: NR; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200717 Medium parameters used : f = 836.5 MHz; σ = 0.935 S/m; ε_r = 42.503; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41) @ 836.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.313 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.72 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.298 W/kg



0 dB = 0.298 W/kg = -5.26 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/7/17

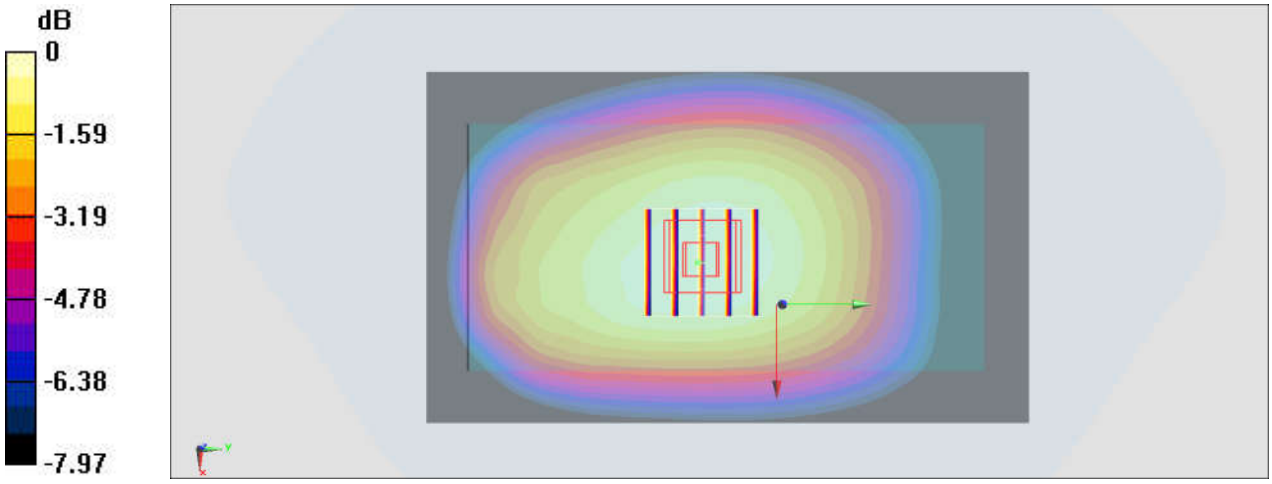
#50_LTE Sub 6G N12_15M_BPSK_36_22_Back_10mm_Ch141500

Communication System: NR; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_200717 Medium parameters used : f = 707.5 MHz; σ = 0.881 S/m; ε_r = 41.573; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 707.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.453 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.82 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.521 W/kg
SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.317 W/kg
Maximum value of SAR (measured) = 0.454 W/kg



0 dB = 0.454 W/kg = -3.43 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/7/18

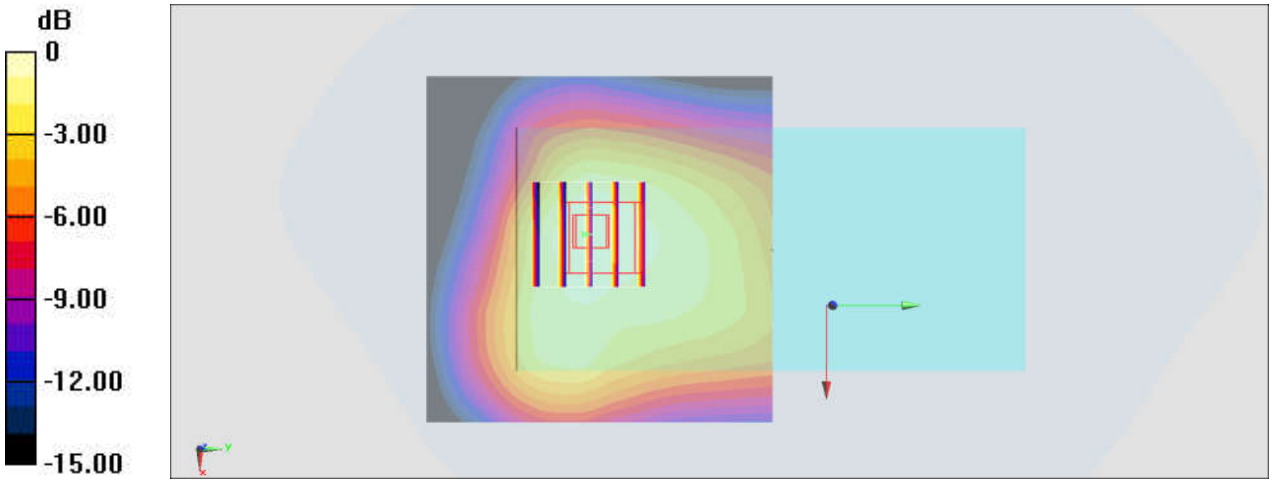
#51_LTE Sub 6G N25_20M_BPSK_1_53_Front_10mm_Ch376000

Communication System: NR; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200718 Medium parameters used: f = 1880 MHz; σ = 1.414 S/m; ε_r = 40.41; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2) @ 1880 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.80 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.878 W/kg; SAR(10 g) = 0.568 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

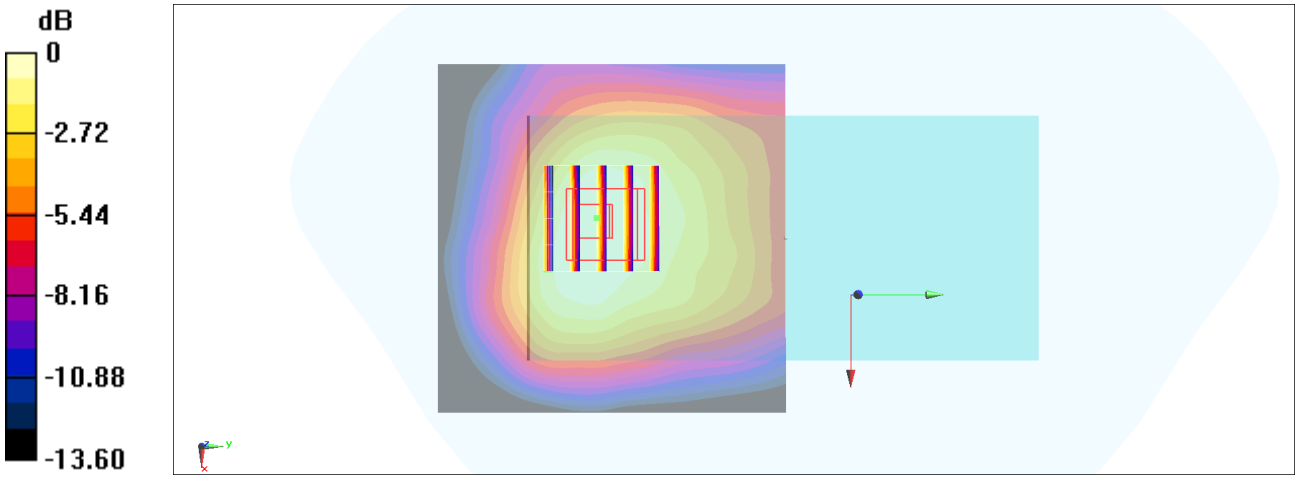
#52_LTE Sub 6G N66_20M_BPSK_50_28_Front_10mm_Ch344000

Communication System: NR; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200716 Medium parameters used: f = 1720 MHz; σ = 1.36 S/m; ε_r = 40.393; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.45, 5.45, 5.45) @ 1720 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.35 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.880 W/kg; SAR(10 g) = 0.590 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/7/17

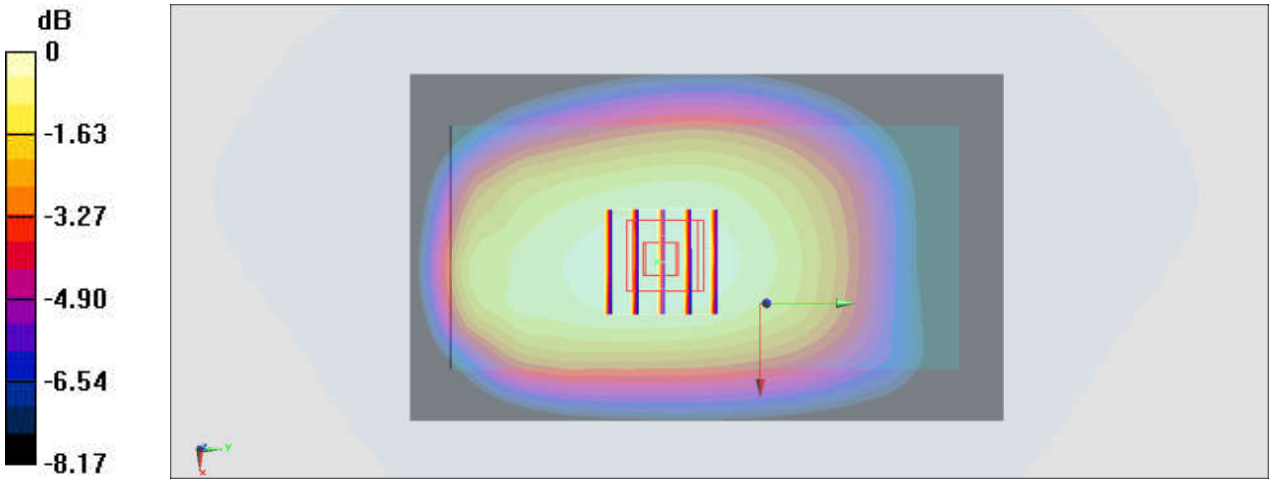
#53_LTE Sub 6G N71_20M_BPSK_1_53_Back_10mm_Ch136100

Communication System: NR; Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_200717 Medium parameters used : f = 680.5 MHz; σ = 0.871 S/m; ε_r = 41.683; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 680.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.486 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.51 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.561 W/kg
SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.342 W/kg
Maximum value of SAR (measured) = 0.488 W/kg



0 dB = 0.488 W/kg = -3.12 dBW/kg

#54_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch1

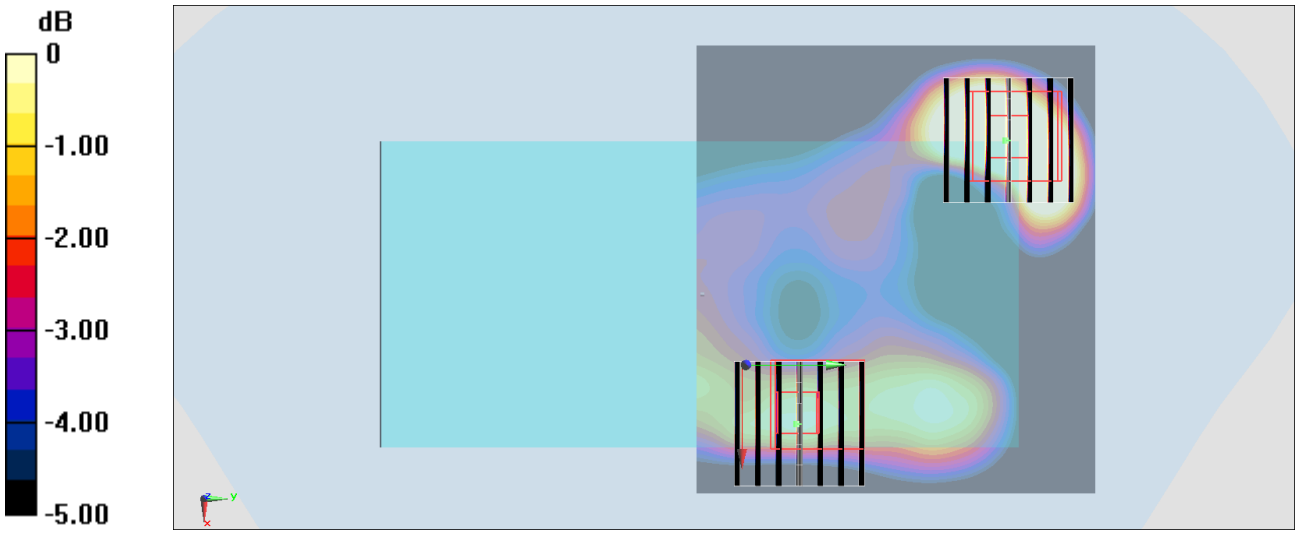
Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_200710 Medium parameters used: f = 2412 MHz; σ = 1.73 S/m; ε_r = 38.747; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(7.33, 7.33, 7.33) @ 2412 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.973 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.91 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.268 W/kg
Maximum value of SAR (measured) = 0.985 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.91 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.463 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.112 W/kg
Maximum value of SAR (measured) = 0.352 W/kg



0 dB = 0.352 W/kg = -4.53 dBW/kg

#55_WLAN5GHz_802.11n-HT40 MCS0_Top Side_10mm_Ch46

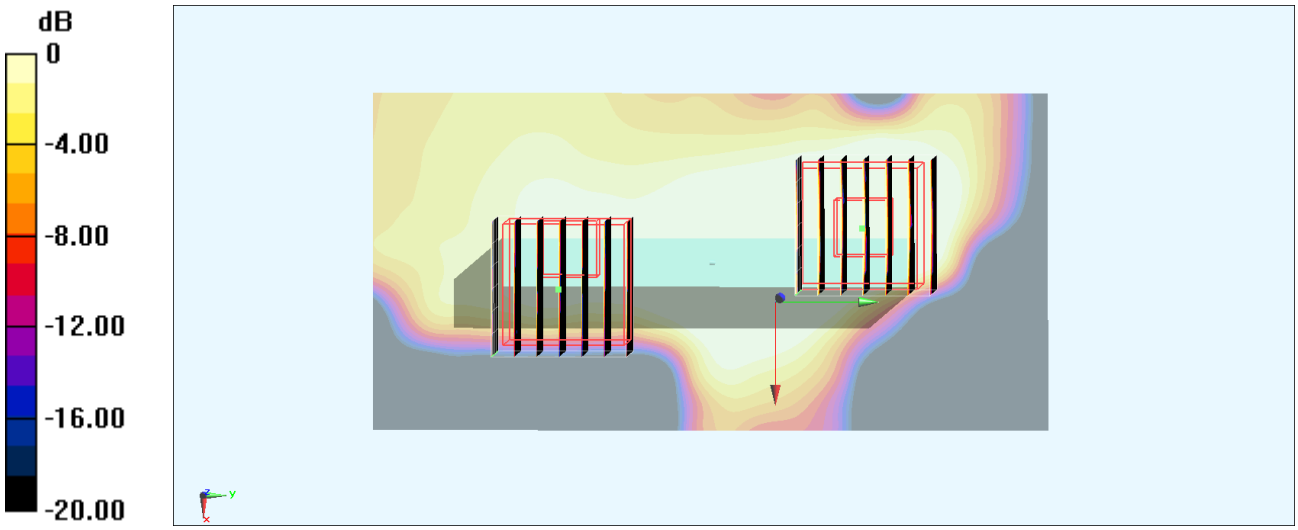
Communication System: 802.11n; Frequency: 5230 MHz;Duty Cycle: 1:1.045
Medium: HSL_5G_200731 Medium parameters used: f = 5230 MHz; σ = 4.713 S/m; ε_r = 36.663; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(4.43, 4.43, 4.43) @ 5230 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.953 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.33 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.918 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.33 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.145 W/kg



0 dB = 0.145 W/kg = -8.39 dBW/kg

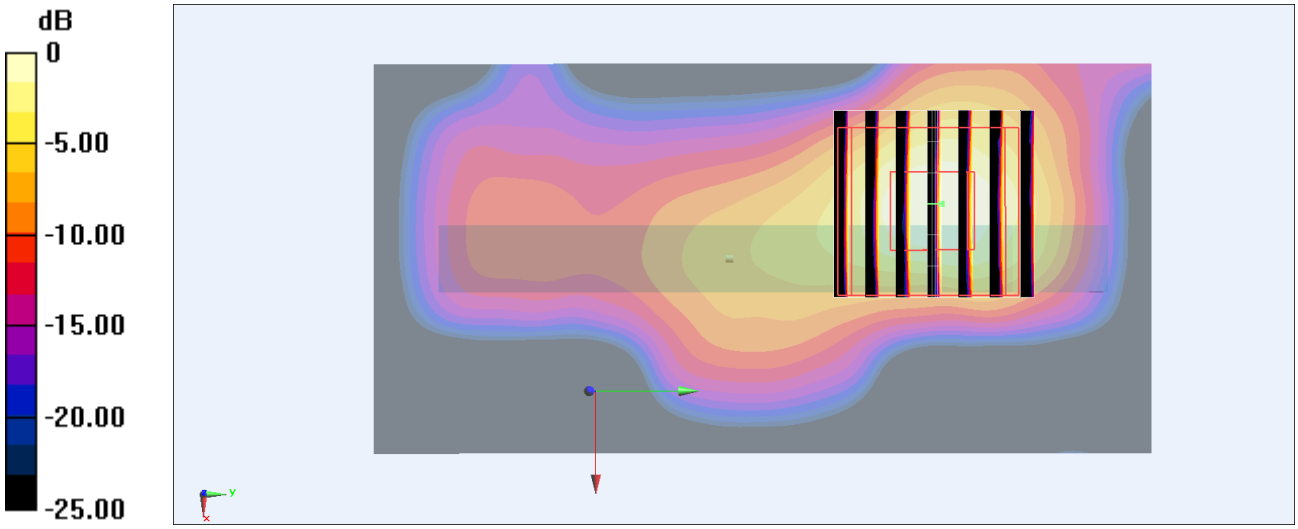
#56_WLAN5GHz_802.11ac-VHT80 MCS0_Top Side_10mm_Ch155

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.079
Medium: HSL_5G_200731 Medium parameters used: f = 5775 MHz; σ = 5.302 S/m; ε_r = 35.89; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(4.17, 4.17, 4.17) @ 5775 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.422 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.984 W/kg



0 dB = 0.984 W/kg = -0.07 dBW/kg

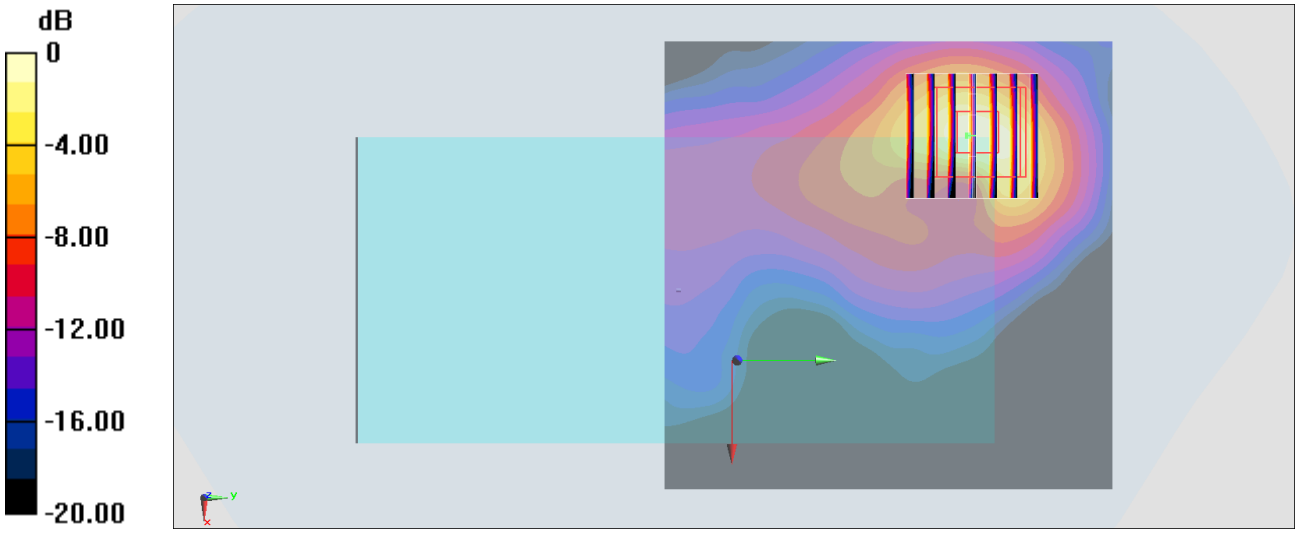
#57_Bluetooth_1Mbps_Back_10mm_Ch78

Communication System: Bluetooth ; Frequency: 2480 MHz;Duty Cycle: 1:1.297
Medium: HSL_2450_200710 Medium parameters used: f = 2480 MHz; σ = 1.829 S/m; ε_r = 38.458; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(7.33, 7.33, 7.33) @ 2480 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.571 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.99 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.717 W/kg
SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.156 W/kg
Maximum value of SAR (measured) = 0.578 W/kg



0 dB = 0.578 W/kg = -2.38 dBW/kg