Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/10/26

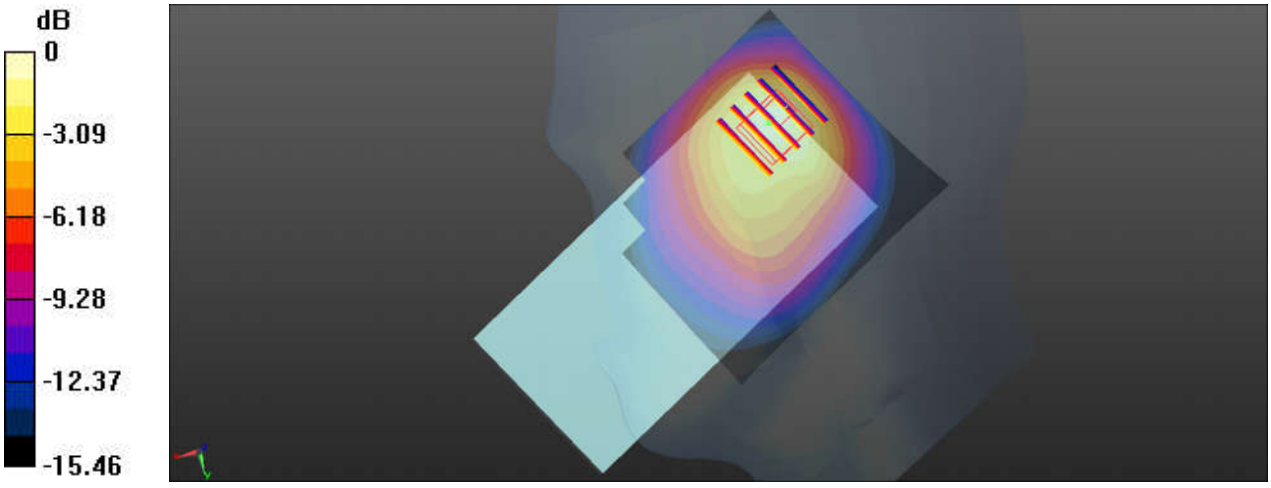
01_LTE Band 12_10M_QPSK_1RB_25Offset_Right Cheek_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_221026 Medium parameters used: f = 707.5 MHz; σ = 0.858 S/m; ε_r = 41.719; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.45, 6.45, 6.45); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23095/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.682 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.64 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.358 W/kg
Maximum value of SAR (measured) = 0.745 W/kg



0 dB = 0.745 W/kg

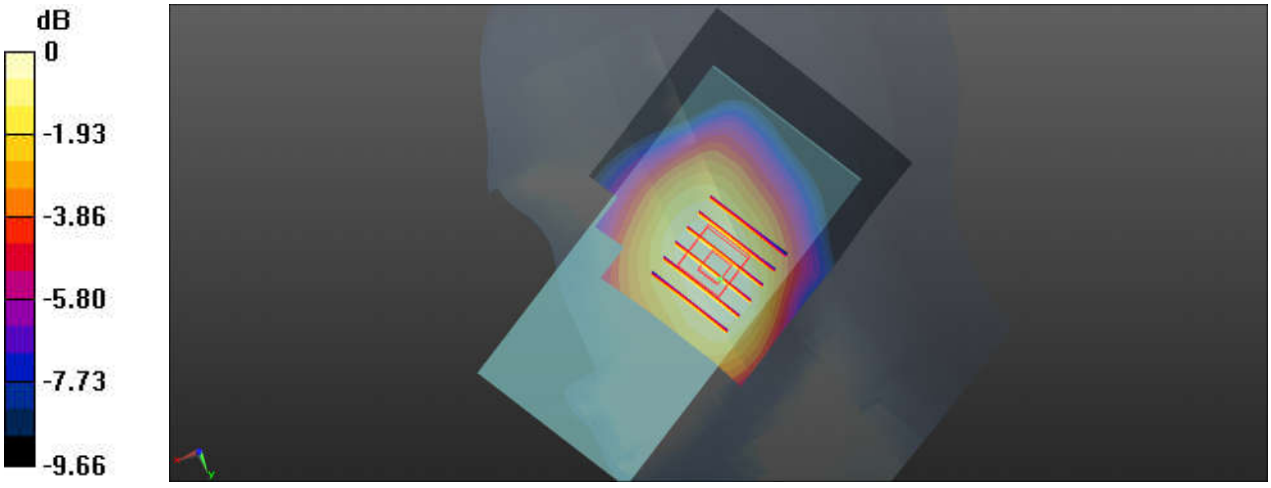
02_LTE Band 13_10M_QPSK_1RB_25Offset_Right Cheek_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_221026 Medium parameters used: f = 782 MHz; σ = 0.899 S/m; ε_r = 40.06; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.45, 6.45, 6.45); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23230/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.449 W/kg

Ch23230/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.785 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.497 W/kg
SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.308 W/kg
Maximum value of SAR (measured) = 0.426 W/kg



0 dB = 0.426 W/kg

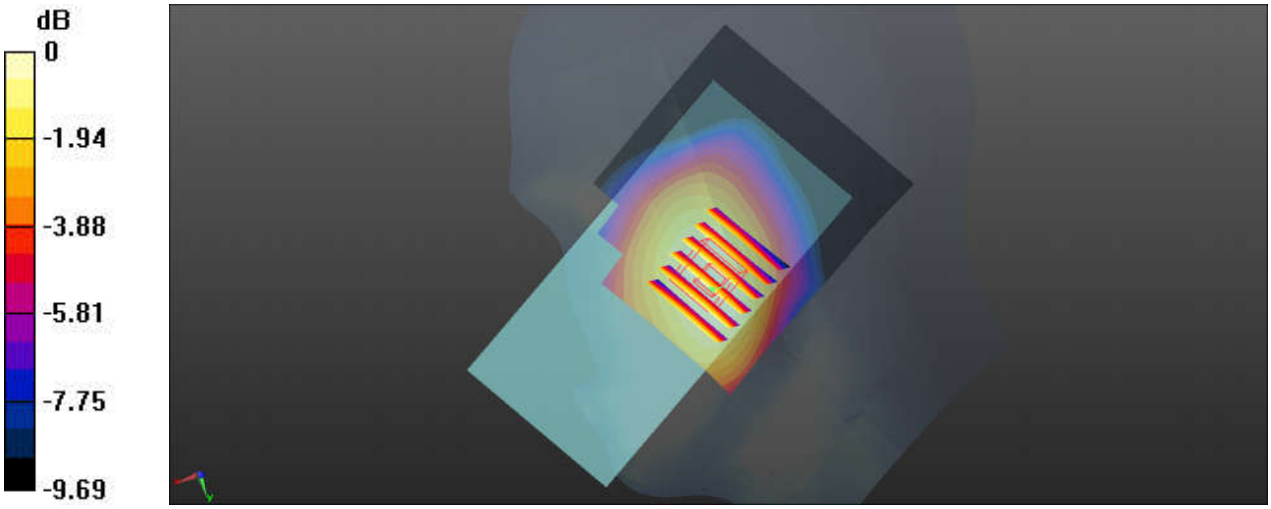
03_LTE Band 14_10M_QPSK_1RB_25Offset_Right Cheek_Ch23330

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750_221026 Medium parameters used: f = 793 MHz; σ = 0.912 S/m; ε_r = 39.892; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.45, 6.45, 6.45); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23330/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.423 W/kg

Ch23330/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.184 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.571 W/kg
SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.296 W/kg
Maximum value of SAR (measured) = 0.415 W/kg



0 dB = 0.423 W/kg

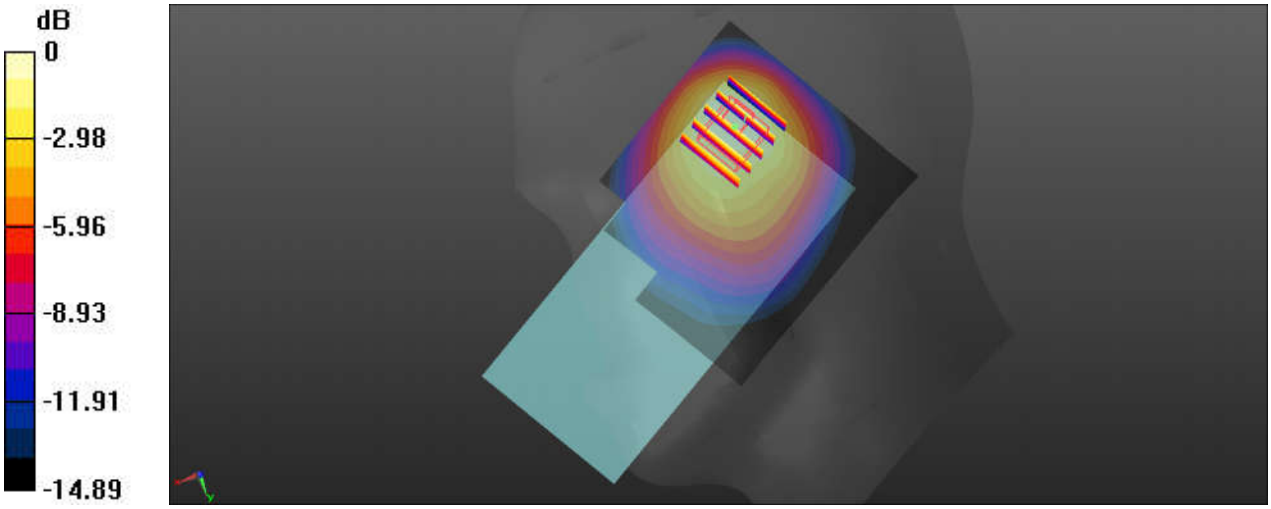
04_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch251

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_835_221027 Medium parameters used: f = 849 MHz; σ = 0.908 S/m; ε_r = 40.637; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch251/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.80 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.613 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.16 W/kg

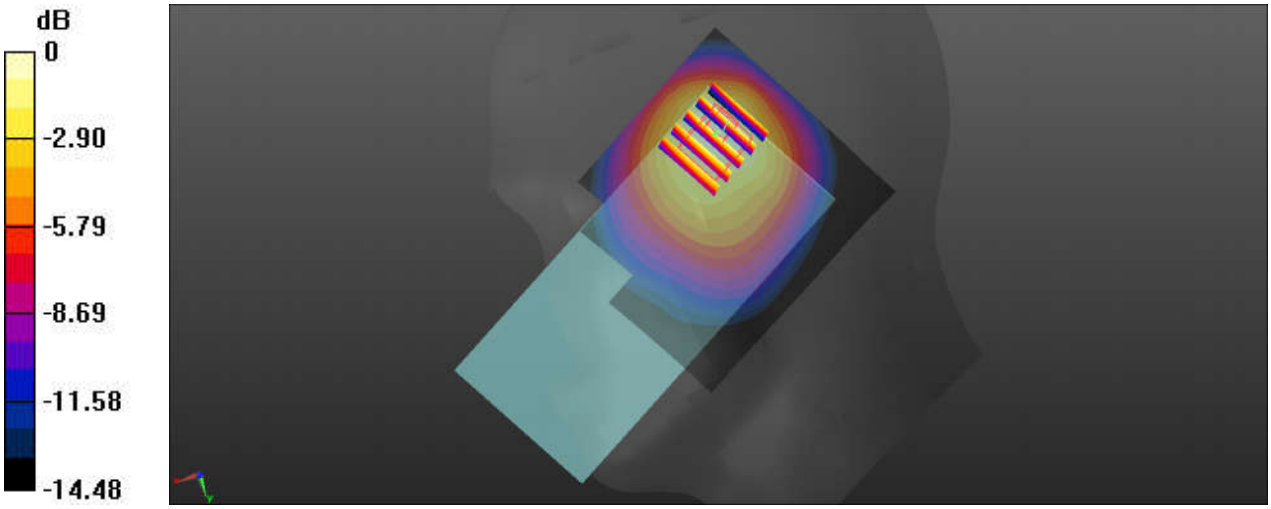
05_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4233

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_221027 Medium parameters used: f = 846.6 MHz; σ = 0.906 S/m; ε_r = 40.672; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch4233/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.11 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.680 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.31 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/10/27

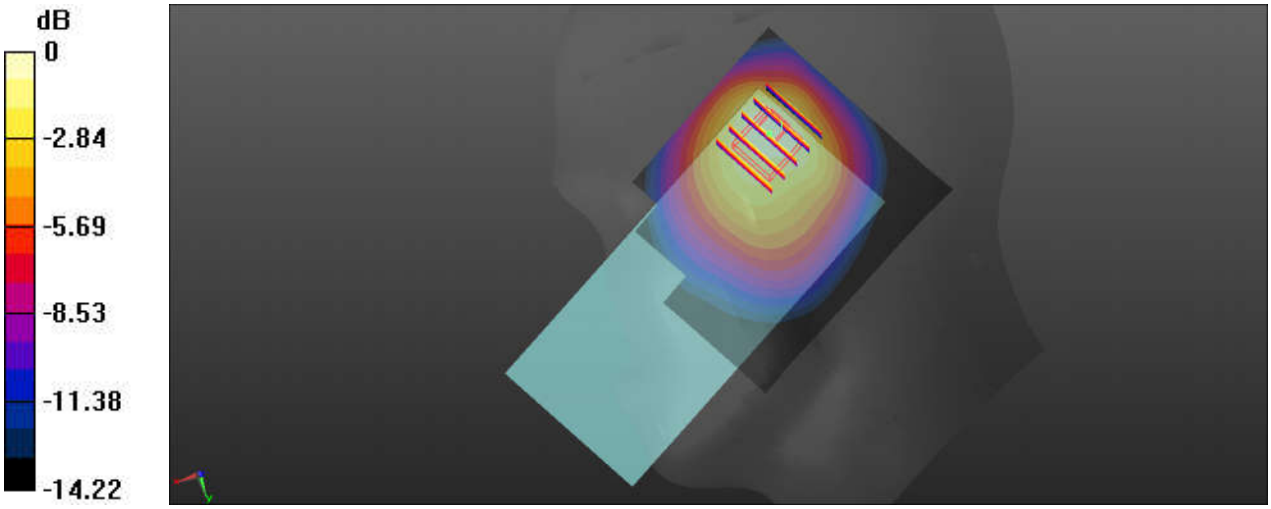
06_LTE Band 5_10M_QPSK_1RB_25Offset_Right Cheek_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_221027 Medium parameters used: f = 836.5 MHz; σ = 0.898 S/m; ε_r = 40.771; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch20525/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.34 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.54 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.686 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.34 W/kg

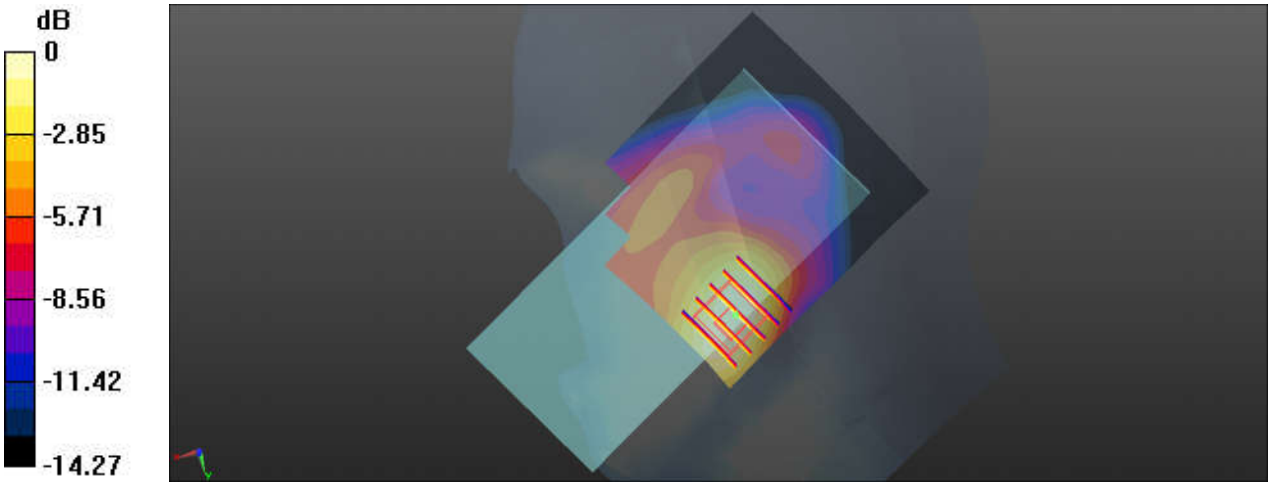
07_WCDMA IV_RMC 12.2Kbps_Right Cheek_Ch1513

Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_221025 Medium parameters used: f = 1753 MHz; σ = 1.378 S/m; ε_r = 38.824; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(5.33, 5.33, 5.33); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch1513/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.481 W/kg

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.878 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.570 W/kg
SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 0.458 W/kg



0 dB = 0.458 W/kg

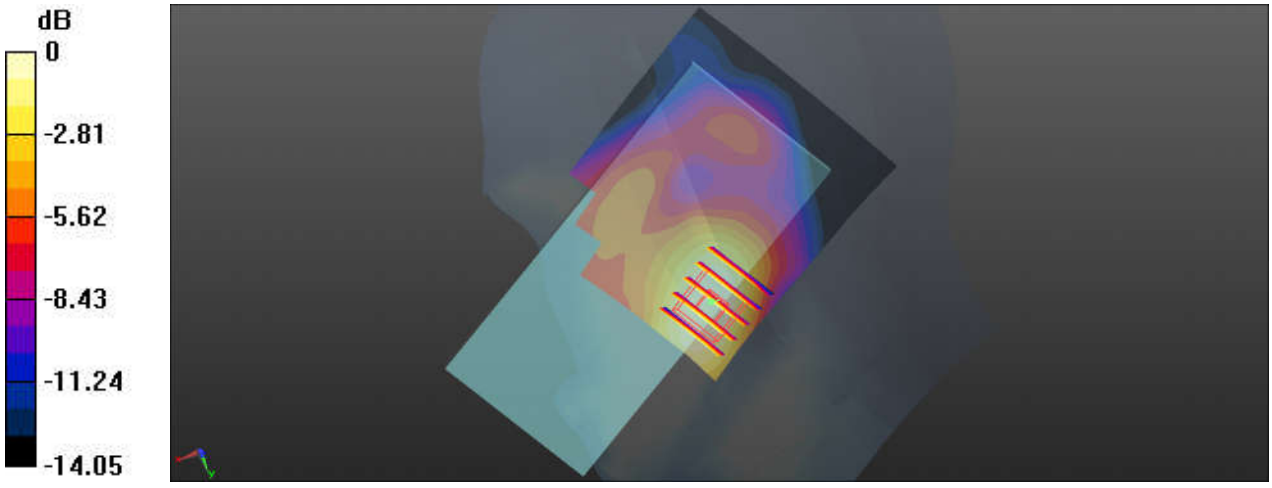
08_LTE Band 66_20M_QPSK_1RB_49Offset_Right Cheek_Ch132322

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750_221025 Medium parameters used: f = 1745 MHz; σ = 1.383 S/m; ε_r = 41.392; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(5.33, 5.33, 5.33); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch132322/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.389 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.794 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.429 W/kg
SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.201 W/kg
Maximum value of SAR (measured) = 0.346 W/kg



0 dB = 0.346 W/kg

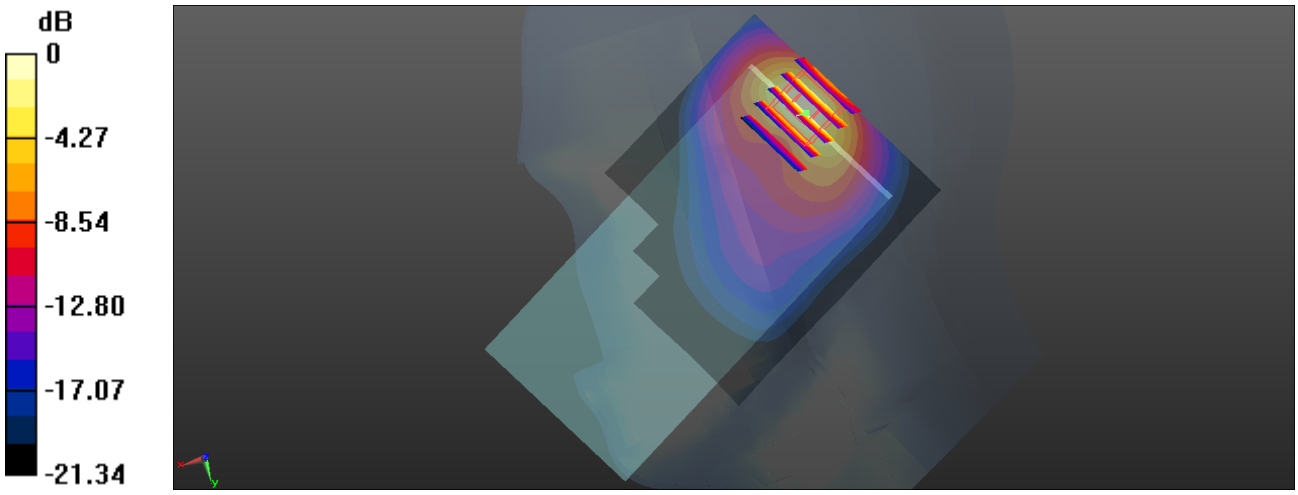
09_GSM1900_GPRS (4 TX slots)_Right Tilted_Ch512

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_221026 Medium parameters used: f = 1850.2 MHz; σ = 1.401 S/m; ε_r = 39.347; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(5.1, 5.1, 5.1); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

Ch512/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.74 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.56 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.68 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.588 W/kg
Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.74 W/kg

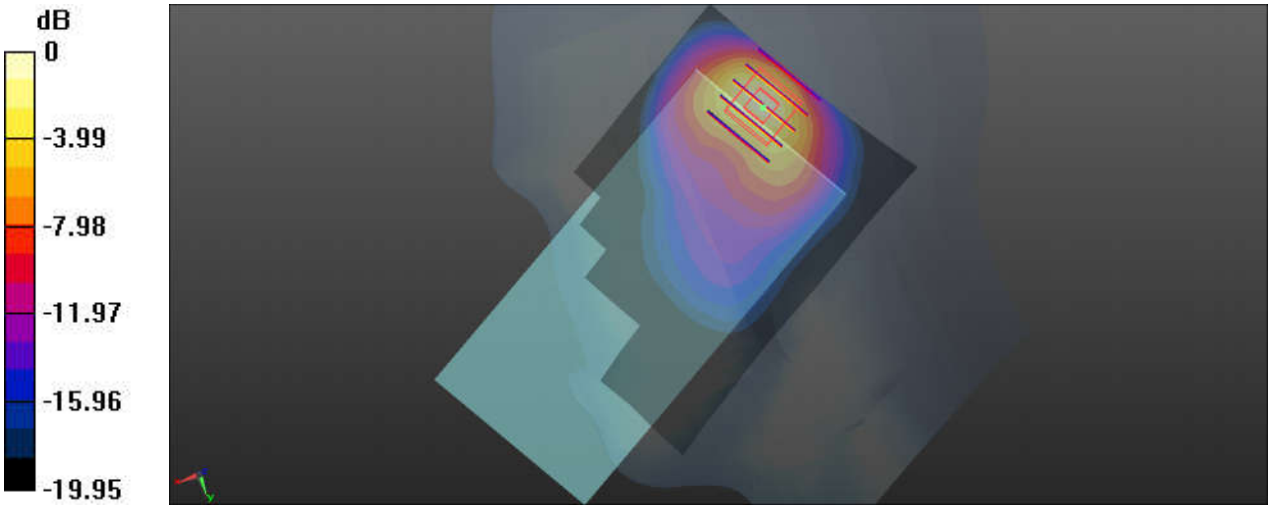
10_WCDMA II_RMC 12.2Kbps_Right Tilted_Ch9400

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_221026 Medium parameters used: f = 1880 MHz; σ = 1.436 S/m; ε_r = 39.231; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(5.1, 5.1, 5.1); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch9400/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.16 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.450 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg

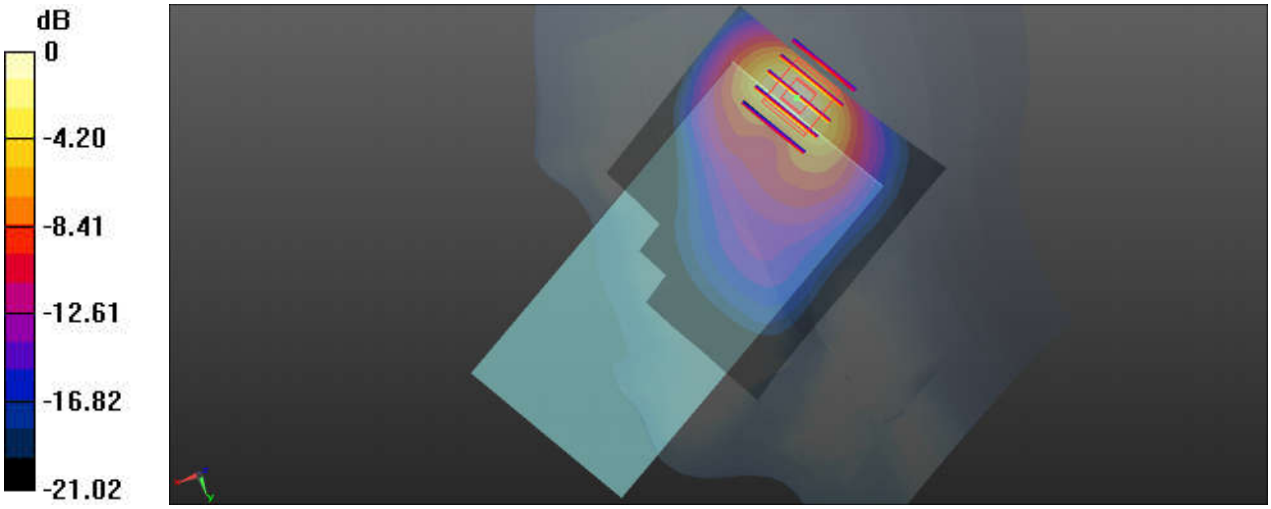
11_LTE Band 2_20M_QPSK_1RB_49Offset_Right Tilted_Ch18700

Communication System: UID 0, LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_221026 Medium parameters used: f = 1860 MHz; σ = 1.413 S/m; ε_r = 39.313; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(5.1, 5.1, 5.1); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch18700/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.56 W/kg

Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.01 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.554 W/kg
Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg

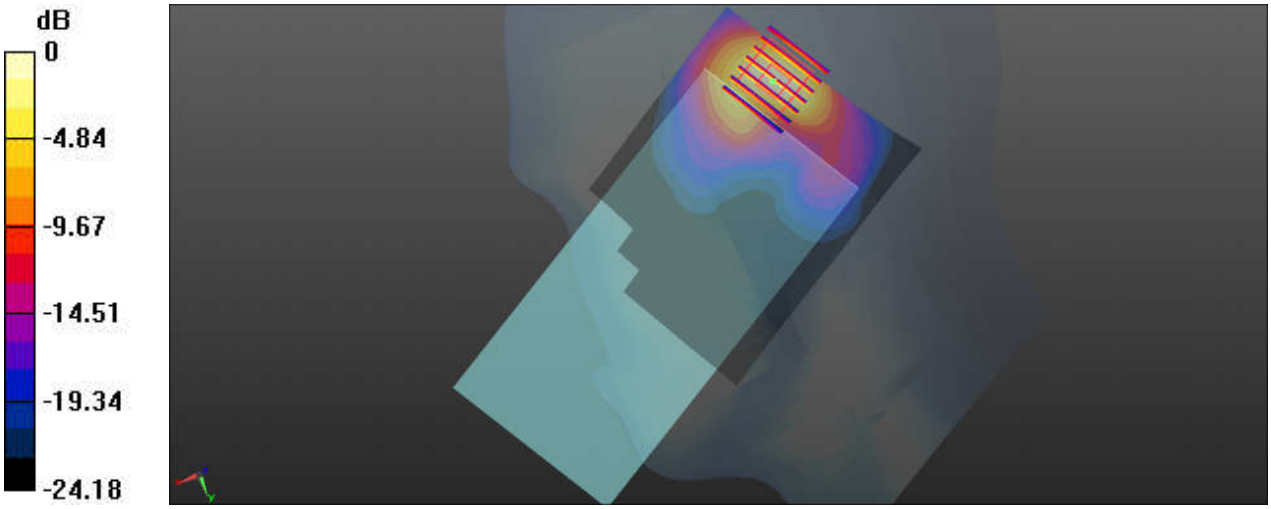
12_LTE Band 30_10M_QPSK_1RB_25Offset_Right Tilted_Ch27710

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: HSL_2300_221028 Medium parameters used: f = 2310 MHz; σ = 1.691 S/m; ε_r = 38.74; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(4.76, 4.76, 4.76); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch27710/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.50 W/kg

Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.643 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.35 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.472 W/kg
Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/10/25

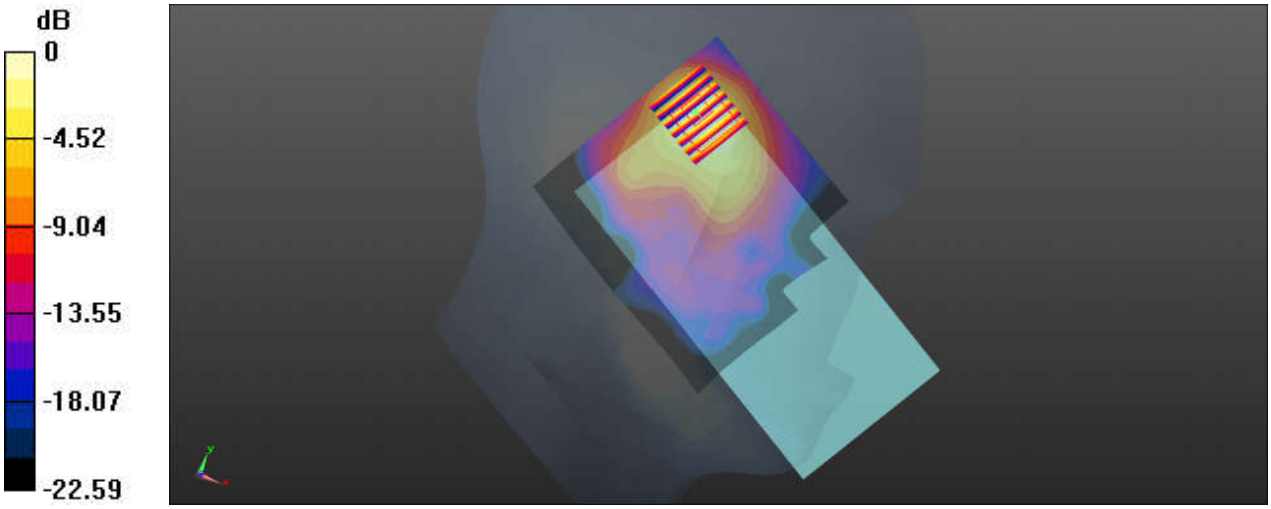
13_Bluetooth_DH5 1Mbps_Left Cheek_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.304
Medium: HSL_2450_221025 Medium parameters used: f = 2441 MHz; σ = 1.87 S/m; ε_r = 37.307; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(4.65, 4.65, 4.65); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch39/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.103 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.063 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.042 W/kg
Maximum value of SAR (measured) = 0.0973 W/kg



0 dB = 0.103 W/kg

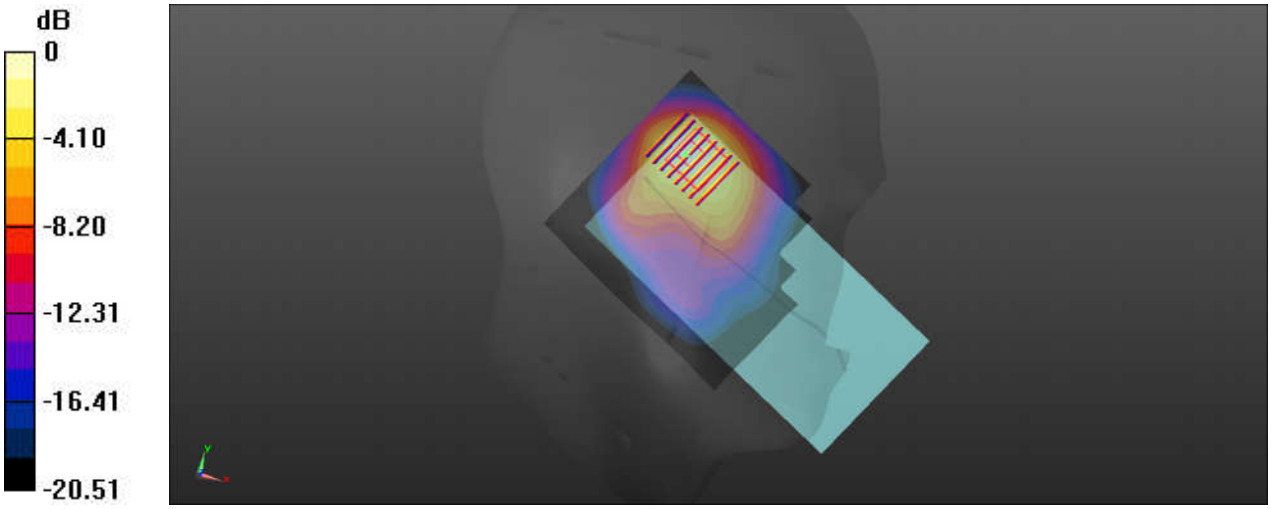
14_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch6

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1.007
Medium: HSL_2450_221025 Medium parameters used: f = 2437 MHz; σ = 1.865 S/m; ε_r = 37.321; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(4.65, 4.65, 4.65); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch6/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.991 W/kg

Ch6/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.80 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.833 W/kg; SAR(10 g) = 0.417 W/kg
Maximum value of SAR (measured) = 0.952 W/kg



0 dB = 0.952 W/kg

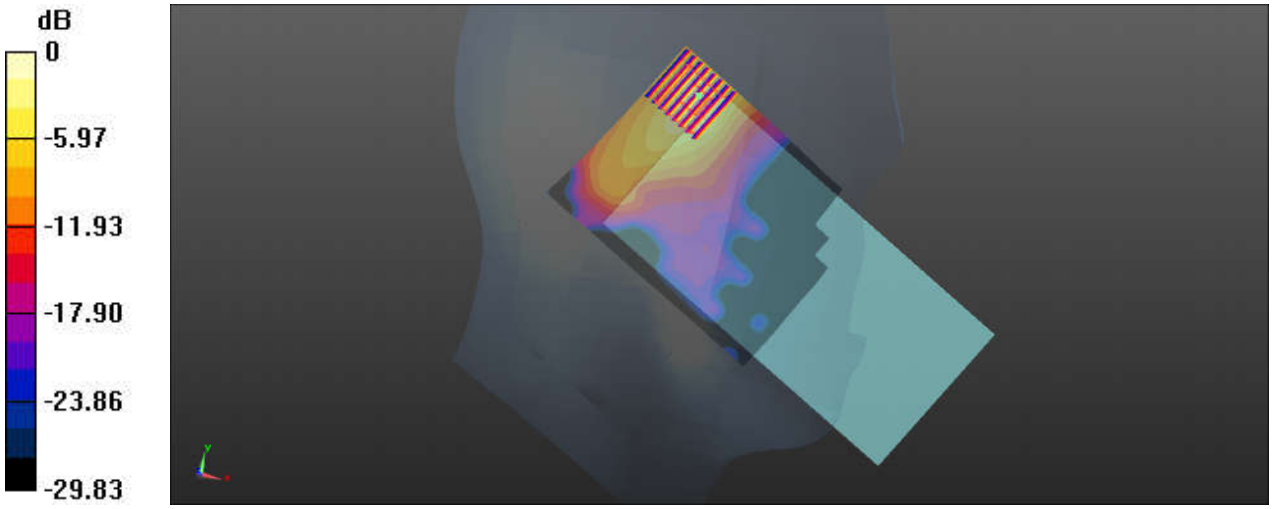
15_WLAN5GHz_802.11n-HT40 MCS0_Left Tilted_Ch54

Communication System: UID 0, WIFI (0); Frequency: 5270 MHz;Duty Cycle: 1:1.065
Medium: HSL_5250_221118 Medium parameters used: f = 5270 MHz; σ = 4.666 S/m; ε_r = 37.062; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(5.4, 5.4, 5.4); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch54/Area Scan (91x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.27 W/kg

Ch54/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.142 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.230 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg

16_WLAN5GHz_802.11n-HT40 MCS0_Left Cheek_Ch110

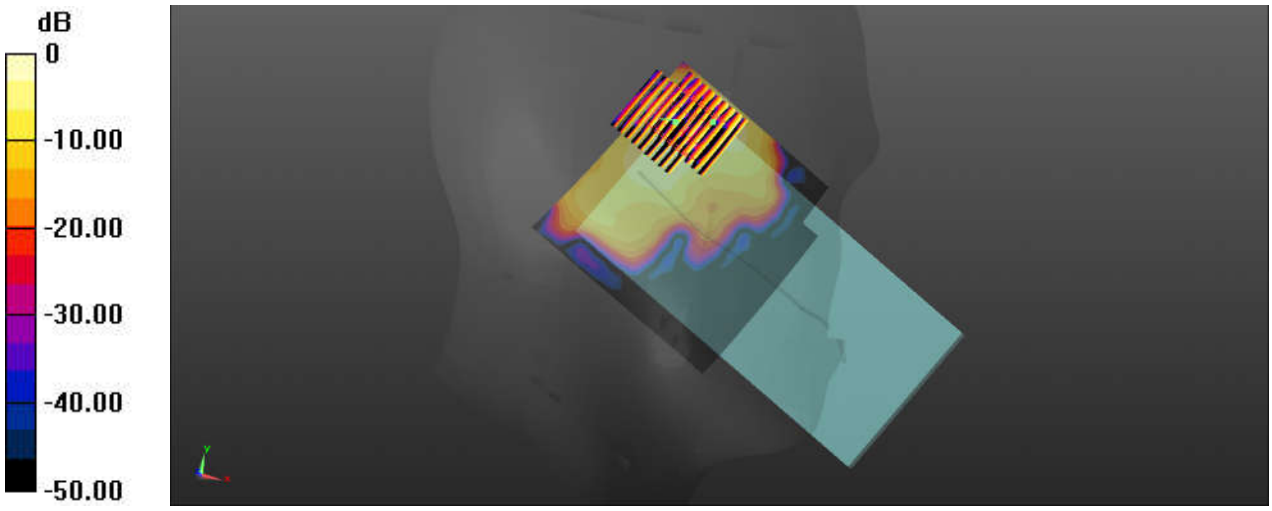
Communication System: UID 0, WIFI (0); Frequency: 5550 MHz;Duty Cycle: 1:1.065
Medium: HSL_5600_221119 Medium parameters used: f = 5550 MHz; σ = 4.938 S/m; ε_r = 36.216; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(4.82, 4.82, 4.82); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch110/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Ch110/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.980 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.25 W/kg
SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.219 W/kg
Maximum value of SAR (measured) = 1.42 W/kg

Ch110/Zoom Scan (9x9x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.980 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.25 W/kg
SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.204 W/kg
Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg

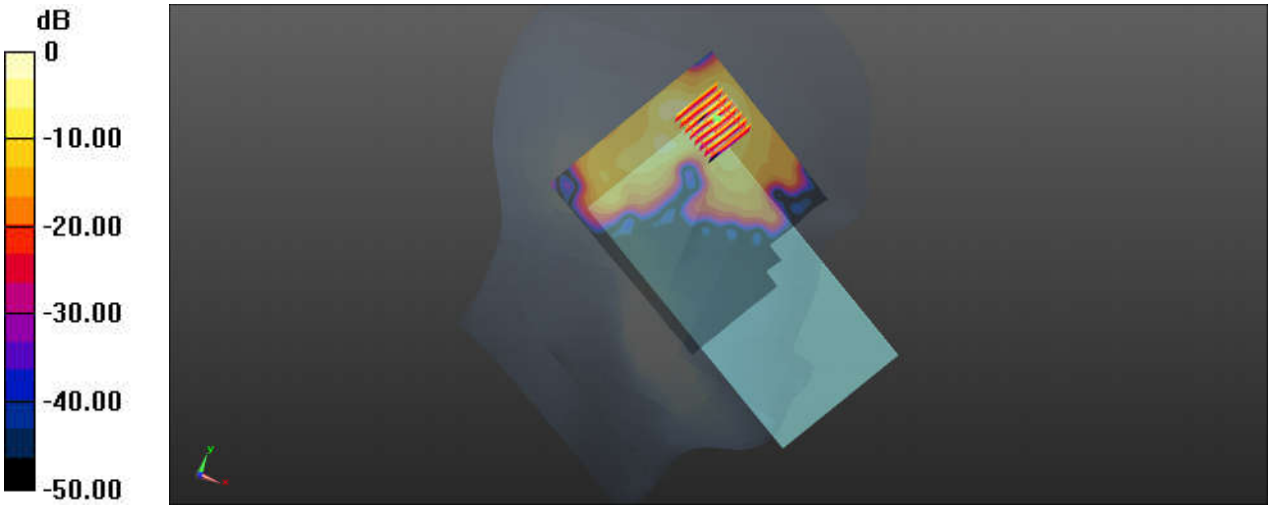
17_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch165

Communication System: UID 0, WIFI (0); Frequency: 5825 MHz;Duty Cycle: 1:1.033
Medium: HSL_5750_221120 Medium parameters used: f = 5825 MHz; σ = 5.25 S/m; ε_r = 35.758; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(5.03, 5.03, 5.03); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch165/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.56 W/kg

Ch165/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.932 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.54 W/kg
SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.167 W/kg
Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg

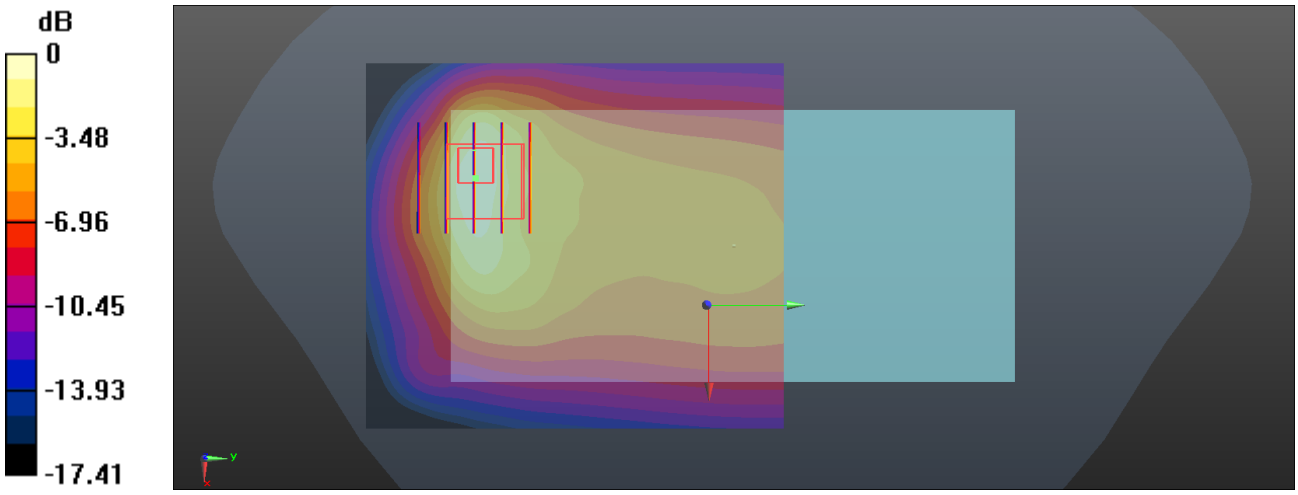
18_LTE Band 12_10M_QPSK_1RB_25Offset_Back_5mm_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_221026 Medium parameters used: f = 707.5 MHz; σ = 0.858 S/m; ε_r = 41.719; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.45, 6.45, 6.45); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

Ch23095/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.38 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,dz=5mm
Reference Value = 22.11 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.35 W/kg
SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.517 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.38 W/kg

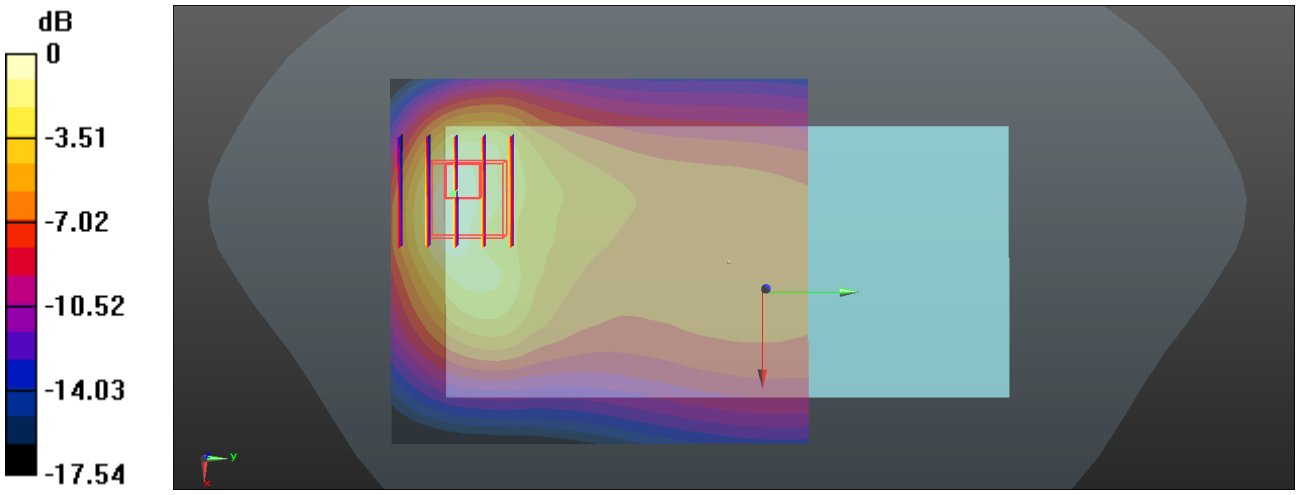
19_LTE Band 13_10M_QPSK_1RB_25Offset_Back_5mm_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_221026 Medium parameters used: f = 782 MHz; σ = 0.899 S/m; ε_r = 40.06; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.45, 6.45, 6.45); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

Ch23230/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.72 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.518 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.23 W/kg

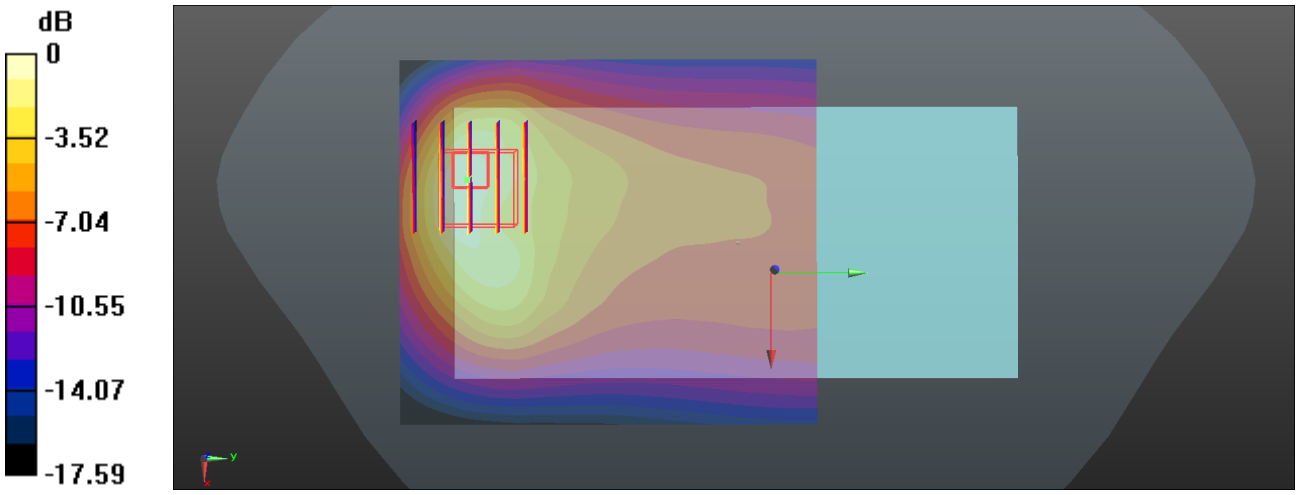
20_LTE Band 14_10M_QPSK_1RB_25Offset_Back_5mm_Ch23330

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750_221026 Medium parameters used: f = 793 MHz; σ = 0.912 S/m; ε_r = 39.892; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.45, 6.45, 6.45); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

Ch23330/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Ch23330/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.05 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.40 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.547 W/kg
Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.26 W/kg

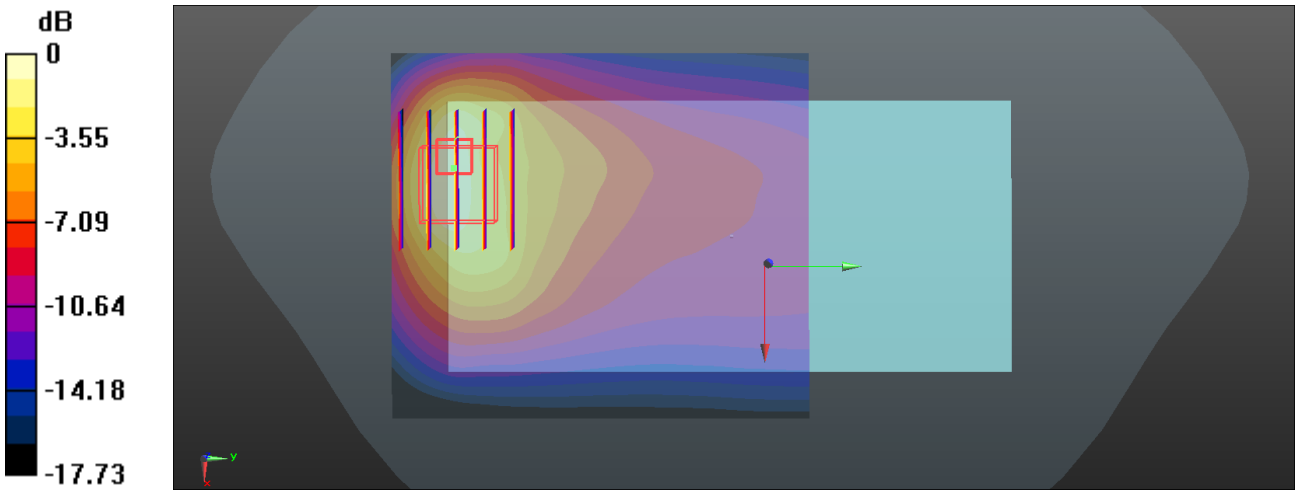
21_GSM850_GPRS (4 TX slots)_Back_5mm_Ch251

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_835_221027 Medium parameters used: f = 849 MHz; σ = 0.908 S/m; ε_r = 40.637; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch251/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Ch251/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.27 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.38 W/kg
SAR(1 g) = 0.971 W/kg; SAR(10 g) = 0.516 W/kg
Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.31 W/kg

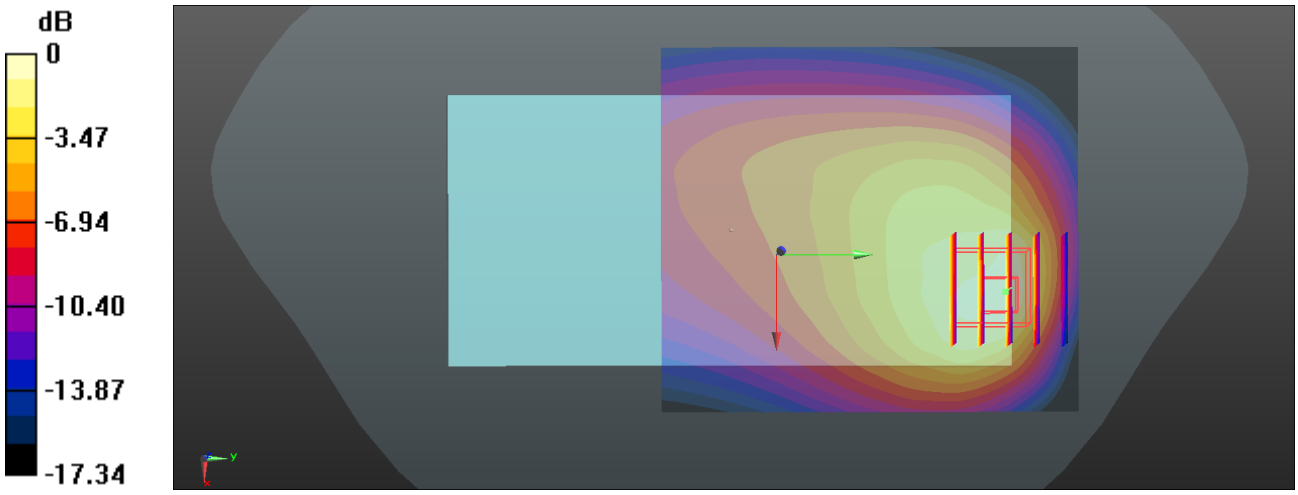
22_WCDMA V_RMC 12.2Kbps_Back_5mm_Ch4233

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_221027 Medium parameters used: f = 846.6 MHz; σ = 0.906 S/m; ε_r = 40.672; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

Ch4233/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.59 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 2.29 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.610 W/kg
Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.30 W/kg

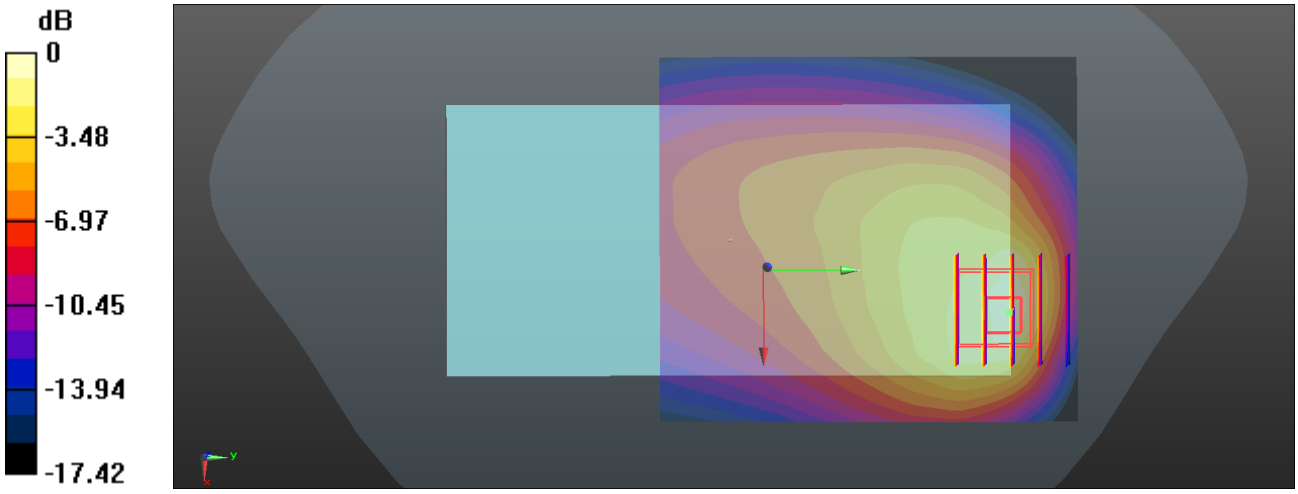
23_LTE Band 5_10M_QPSK_1RB_25Offset_Back_5mm_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_221027 Medium parameters used: f = 836.5 MHz; σ = 0.898 S/m; ε_r = 40.771; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

Ch20525/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.15 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.578 W/kg
Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.33 W/kg

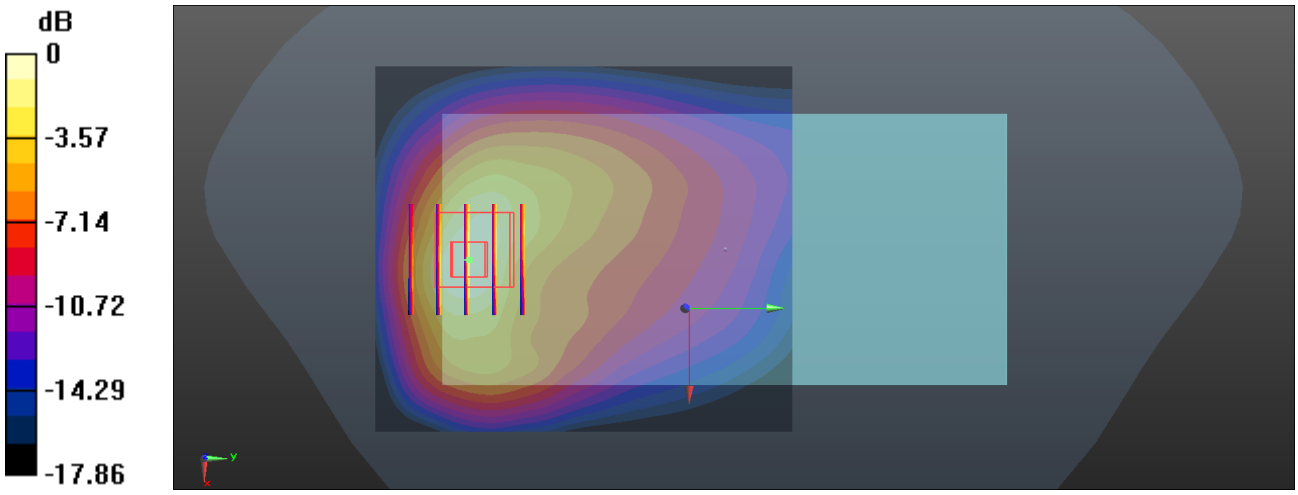
24_WCDMA IV_RMC 12.2Kbps_Back_5mm_Ch1312

Communication System: UID 0, UMTS (0); Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: HSL_1750_221025 Medium parameters used: f = 1712.4 MHz; σ = 1.338 S/m; ε_r = 39.024; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(5.33, 5.33, 5.33); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

Ch1312/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.976 W/kg

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.911 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.466 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 0.976 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/10/25

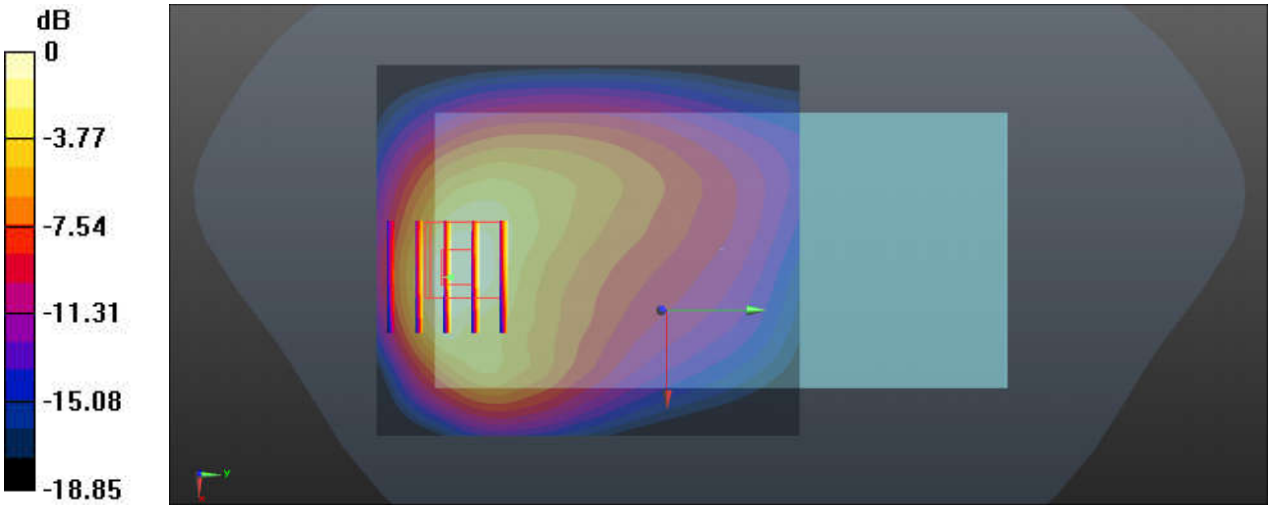
25_LTE Band 66_20M_QPSK_1RB_49Offset_Back_5mm_Ch132322

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750_221025 Medium parameters used: f = 1745 MHz; σ = 1.383 S/m; ε_r = 41.392; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(5.33, 5.33, 5.33); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch132322/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.28 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.918 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.606 W/kg
Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.28 W/kg

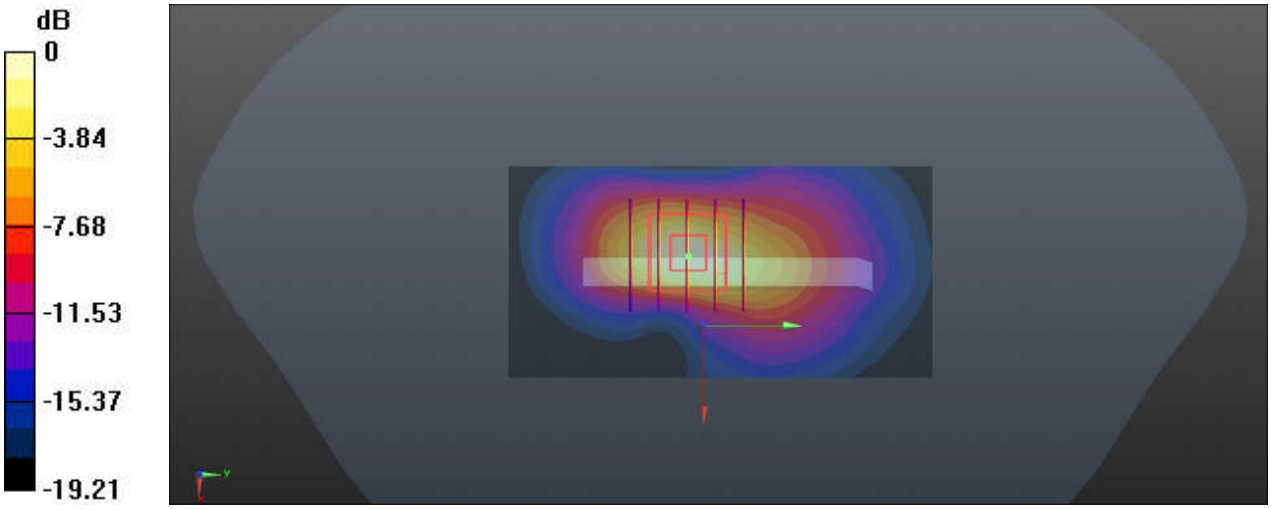
26_GSM1900_GPRS (4 TX slots)_Top Side_5mm_Ch661

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_221026 Medium parameters used: f = 1880 MHz; σ = 1.436 S/m; ε_r = 39.231; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(5.1, 5.1, 5.1); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch661/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.50 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.10 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 2.75 W/kg
SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.567 W/kg
Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.50 W/kg

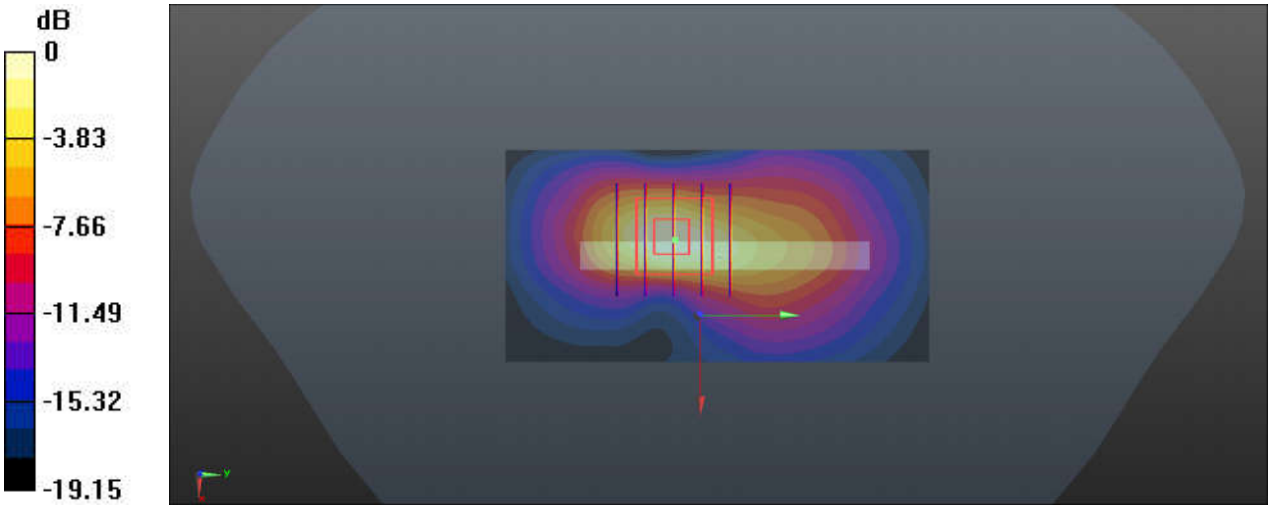
27_WCDMA II_RMC 12.2Kbps_Top Side_5mm_Ch9400

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_221026 Medium parameters used: f = 1880 MHz; σ = 1.436 S/m; ε_r = 39.231; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(5.1, 5.1, 5.1); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch9400/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.22 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 0.971 W/kg; SAR(10 g) = 0.429 W/kg
Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.15 W/kg

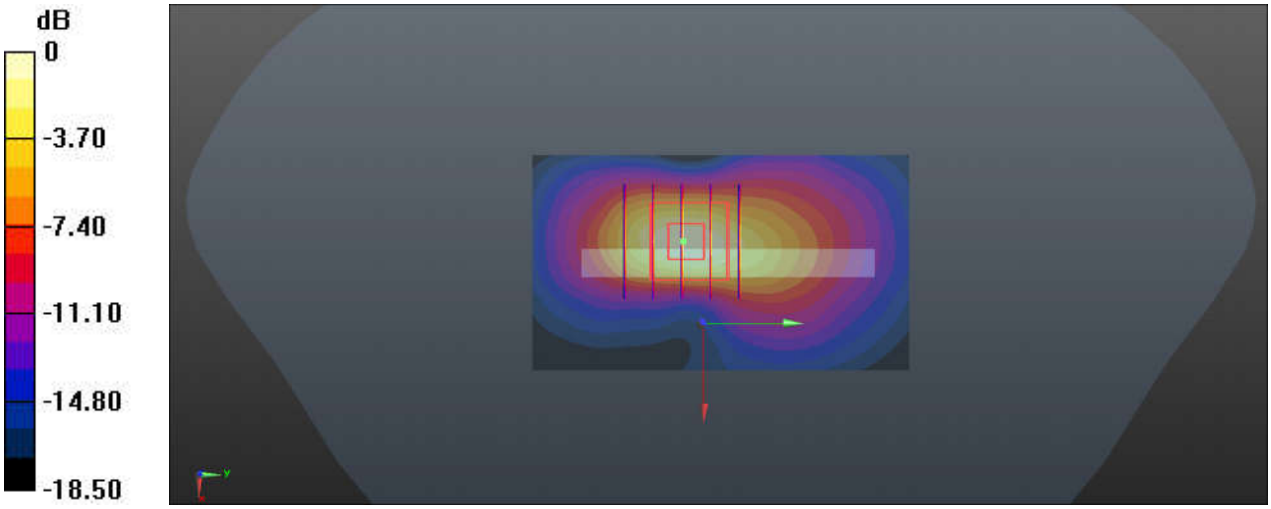
28_LTE Band 2_20M_QPSK_1RB_49Offset_Top Side_5mm_Ch18900

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_221026 Medium parameters used: f = 1880 MHz; σ = 1.436 S/m; ε_r = 39.231; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(5.1, 5.1, 5.1); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch18900/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.27 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.19 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.479 W/kg
Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.27 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/10/28

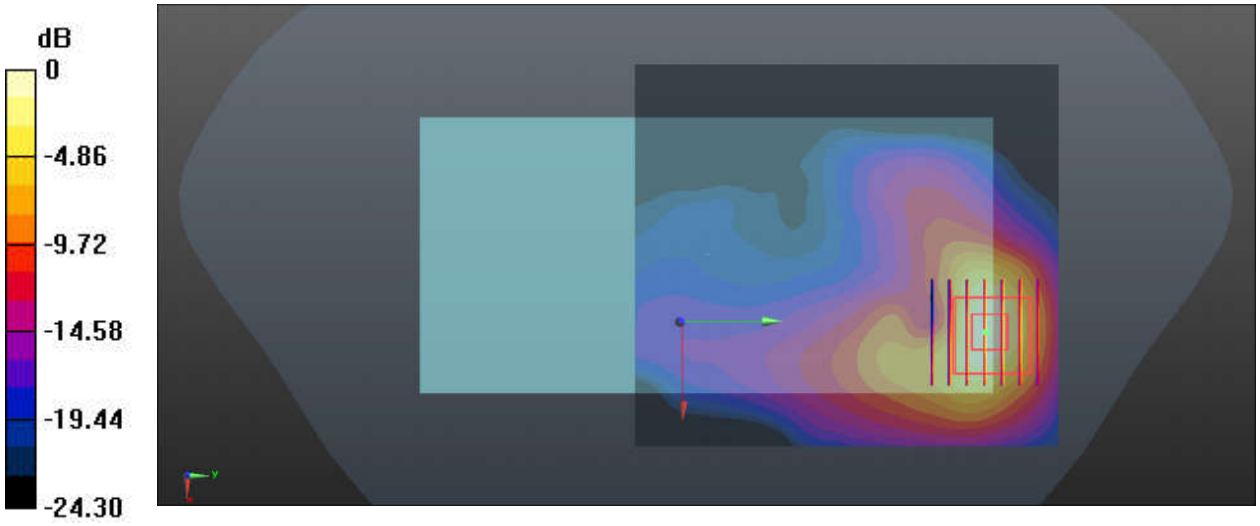
29_LTE Band 30_10M_QPSK_1RB_25Offset_Back_5mm_Ch27710

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: HSL_2300_221028 Medium parameters used: f = 2310 MHz; σ = 1.691 S/m; ε_r = 38.74; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(4.76, 4.76, 4.76); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch27710/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.50 W/kg

Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.133 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 2.38 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.490 W/kg
Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/10/25

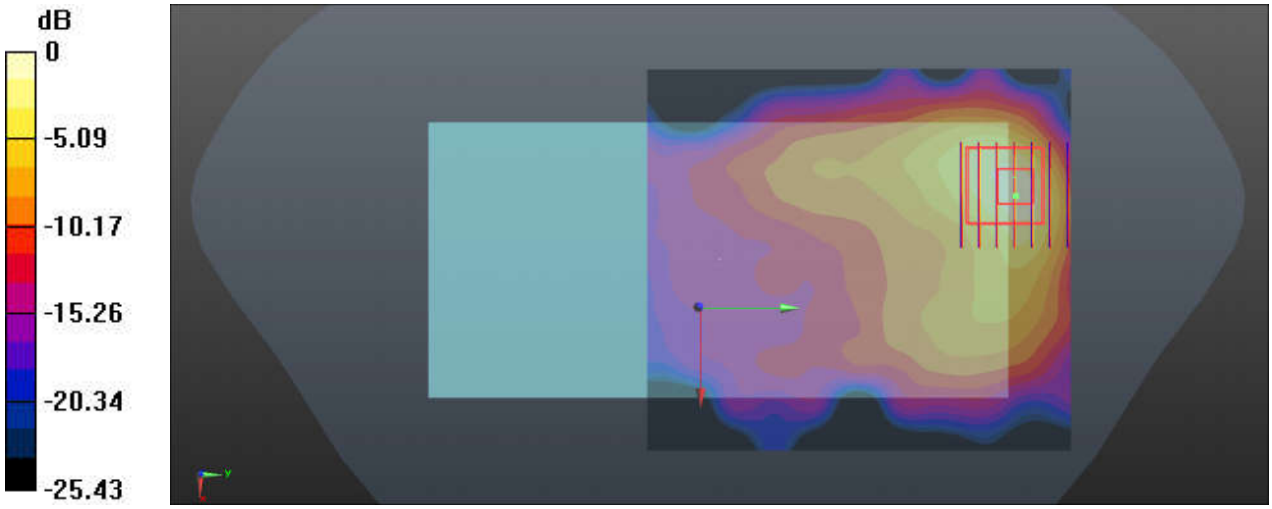
30_Bluetooth_DH5 1Mbps_Back_5mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.304
Medium: HSL_2450_221025 Medium parameters used: f = 2441 MHz; σ = 1.87 S/m; ε_r = 37.307; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(4.65, 4.65, 4.65); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch39/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.259 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.424 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.259 W/kg

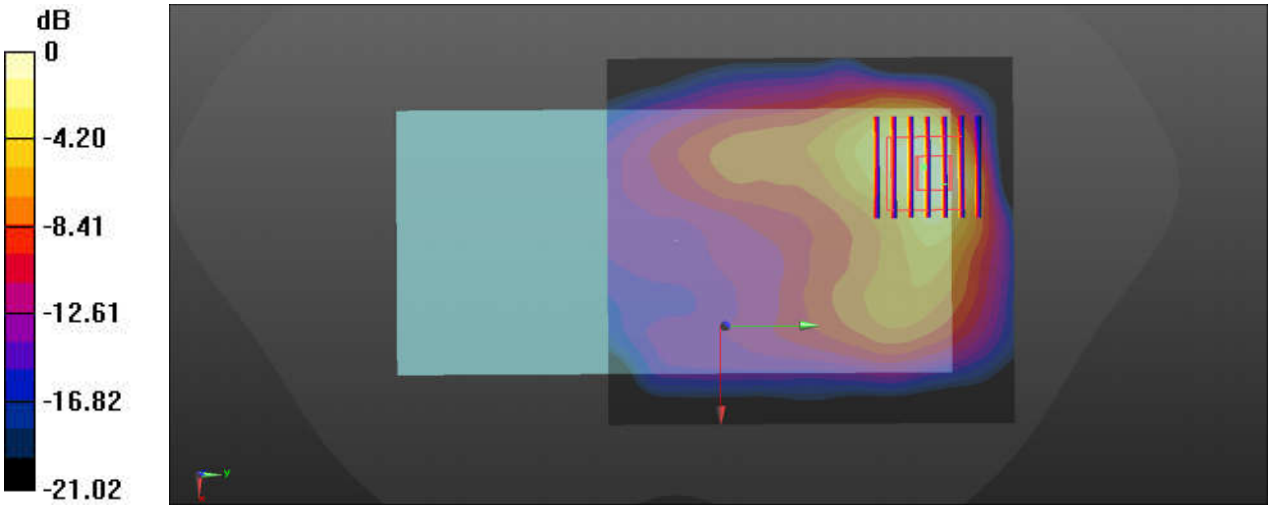
31_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1.007
Medium: HSL_2450_221118 Medium parameters used: f = 2462 MHz; σ = 1.873 S/m; ε_r = 37.114; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.03, 8.03, 8.03); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch11/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.277 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.441 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.485 W/kg
SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.263 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/18

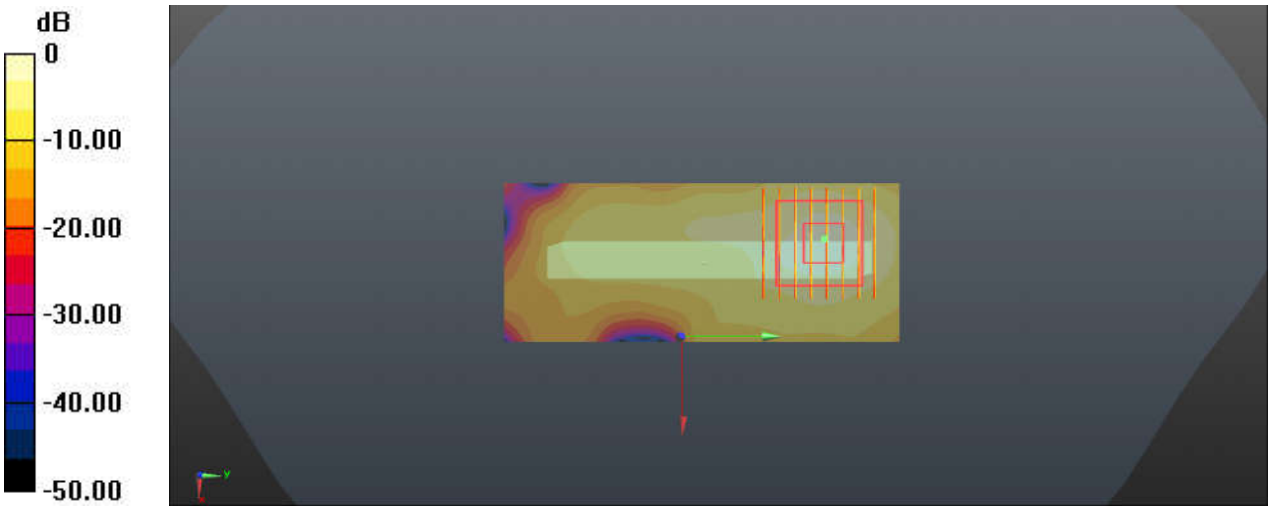
32_WLAN5GHz_802.11ac-VHT80 MCS0_Top Side_5mm_Ch42

Communication System: UID 0, WIFI (0); Frequency: 5210 MHz;Duty Cycle: 1:1.138
Medium: HSL_5250_221118 Medium parameters used: f = 5210 MHz; σ = 4.597 S/m; ε_r = 37.149; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(5.4, 5.4, 5.4); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch42/Area Scan (41x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.216 W/kg

Ch42/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.468 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.479 W/kg
SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.307 W/kg



0 dB = 0.307 W/kg

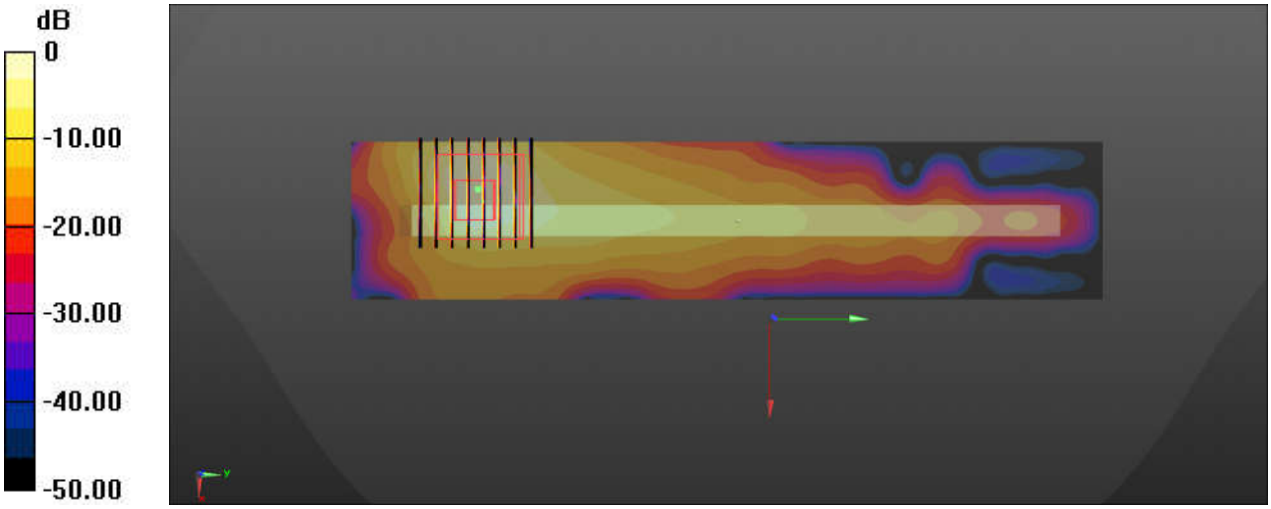
33_WLAN5GHz_802.11ac VHT80 MCS0_Right Side_5mm_Ch155

Communication System: UID 0, WIFI (0); Frequency: 5775 MHz;Duty Cycle: 1:1.138
Medium: HSL_5750_221120 Medium parameters used: f = 5775 MHz; σ = 5.192 S/m; ε_r = 35.843; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(5.03, 5.03, 5.03); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch155/Area Scan (41x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.40 W/kg

Ch155/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.567 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.913 W/kg



0 dB = 0.913 W/kg

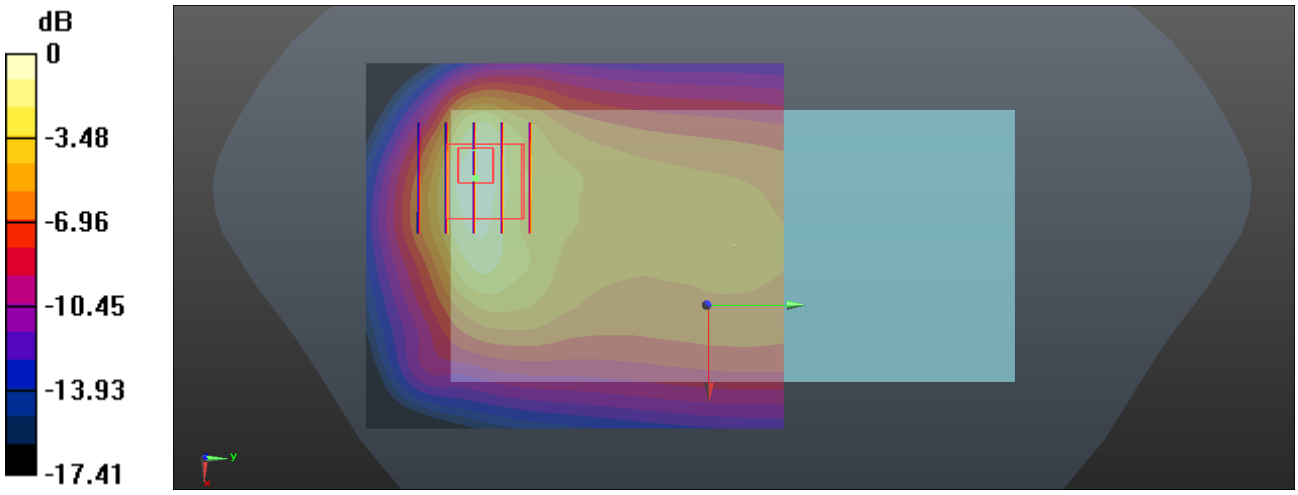
34_LTE Band 12_10M_QPSK_1RB_25Offset_Back_5mm_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_221026 Medium parameters used: f = 707.5 MHz; σ = 0.858 S/m; ε_r = 41.719; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.45, 6.45, 6.45); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

Ch23095/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.38 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,dz=5mm
Reference Value = 22.11 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.35 W/kg
SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.517 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.38 W/kg

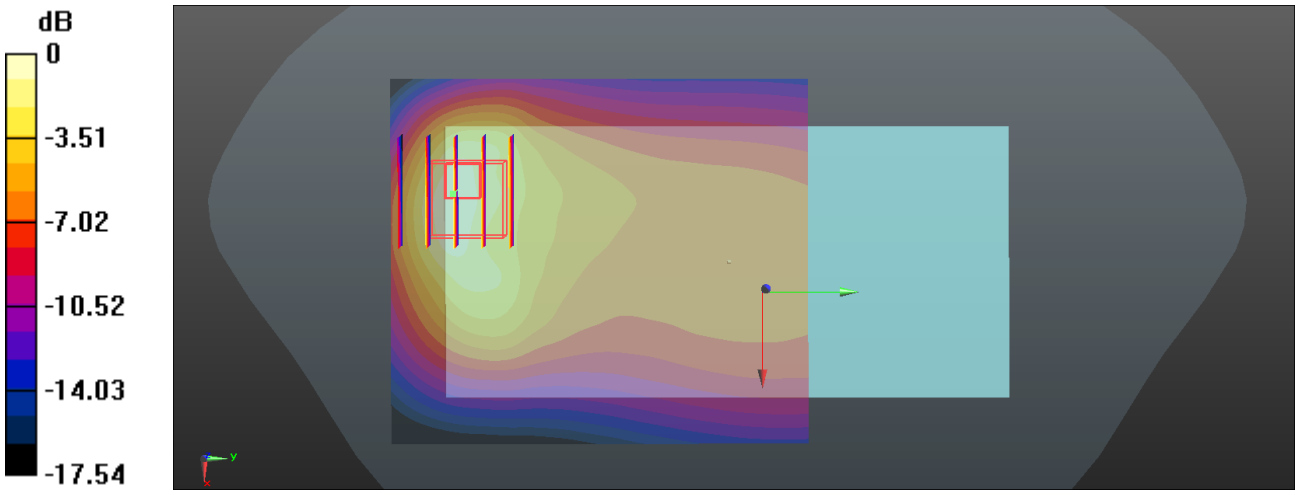
35_LTE Band 13_10M_QPSK_1RB_25Offset_Back_5mm_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_221026 Medium parameters used: f = 782 MHz; σ = 0.899 S/m; ε_r = 40.06; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.45, 6.45, 6.45); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

Ch23230/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.72 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.518 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.23 W/kg

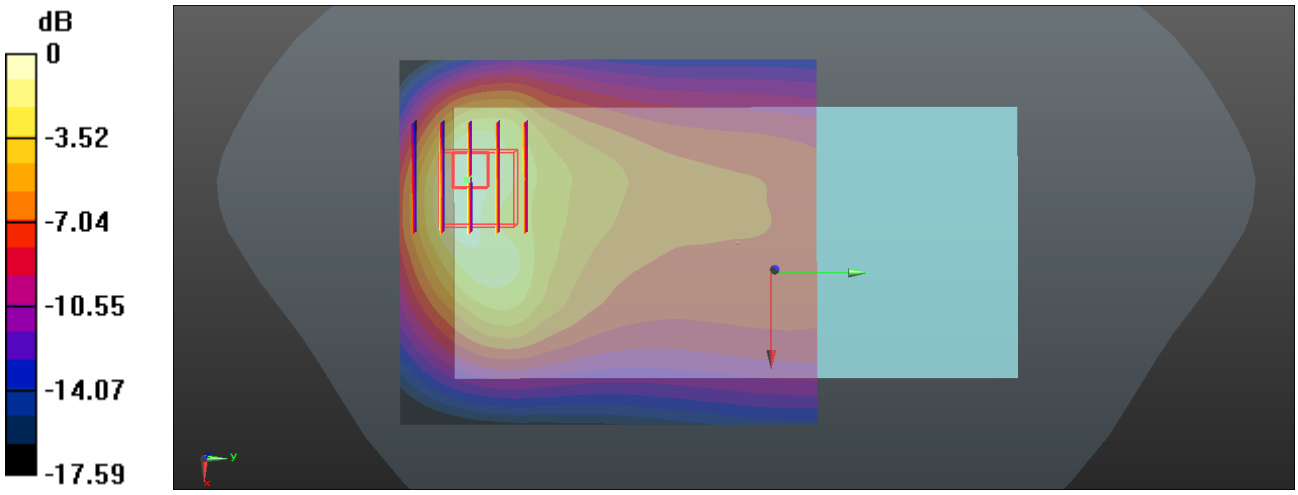
36_LTE Band 14_10M_QPSK_1RB_25Offset_Back_5mm_Ch23330

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750_221026 Medium parameters used: f = 793 MHz; σ = 0.912 S/m; ε_r = 39.892; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.45, 6.45, 6.45); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

Ch23330/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Ch23330/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.05 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.40 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.547 W/kg
Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.26 W/kg

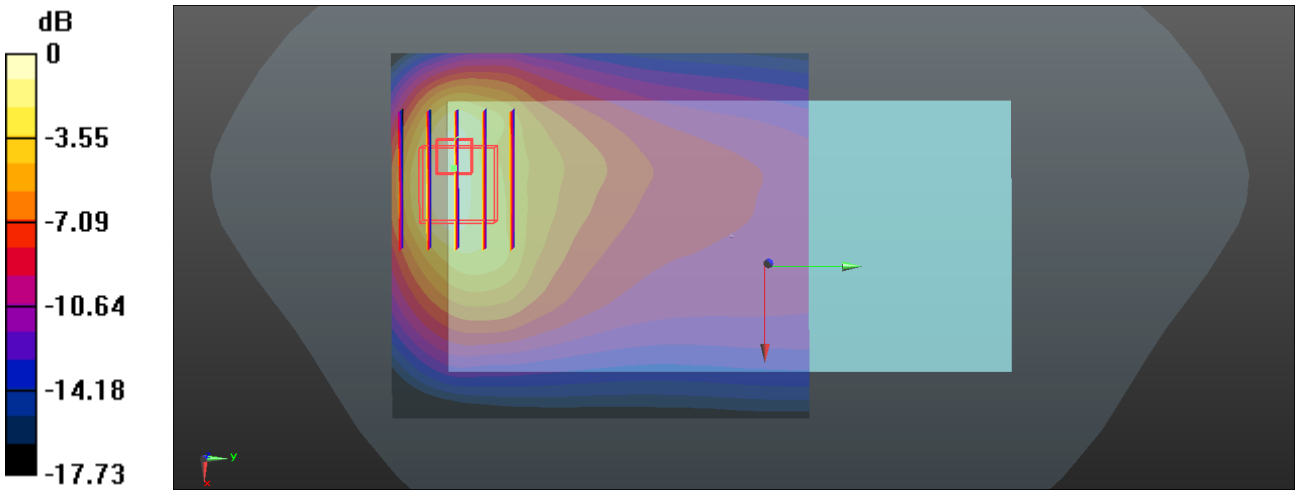
37_GSM850_GPRS (4 TX slots)_Back_5mm_Ch251

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_835_221027 Medium parameters used: f = 849 MHz; σ = 0.908 S/m; ε_r = 40.637; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch251/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Ch251/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.27 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.38 W/kg
SAR(1 g) = 0.971 W/kg; SAR(10 g) = 0.516 W/kg
Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.31 W/kg

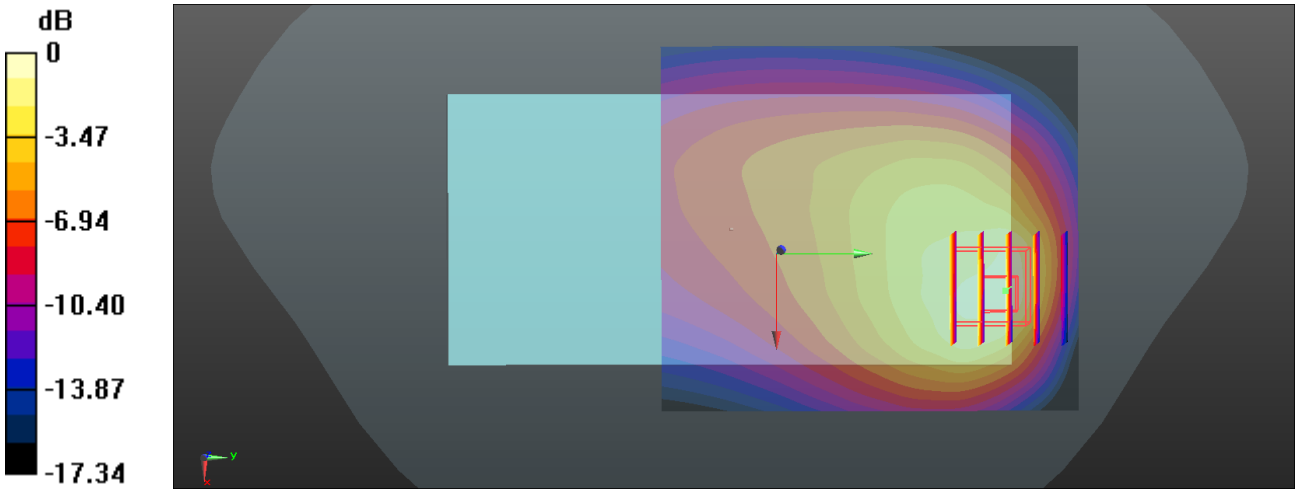
38_WCDMA V_RMC 12.2Kbps_Back_5mm_Ch4233

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_221027 Medium parameters used: f = 846.6 MHz; σ = 0.906 S/m; ε_r = 40.672; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

Ch4233/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.59 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 2.29 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.610 W/kg
Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.30 W/kg

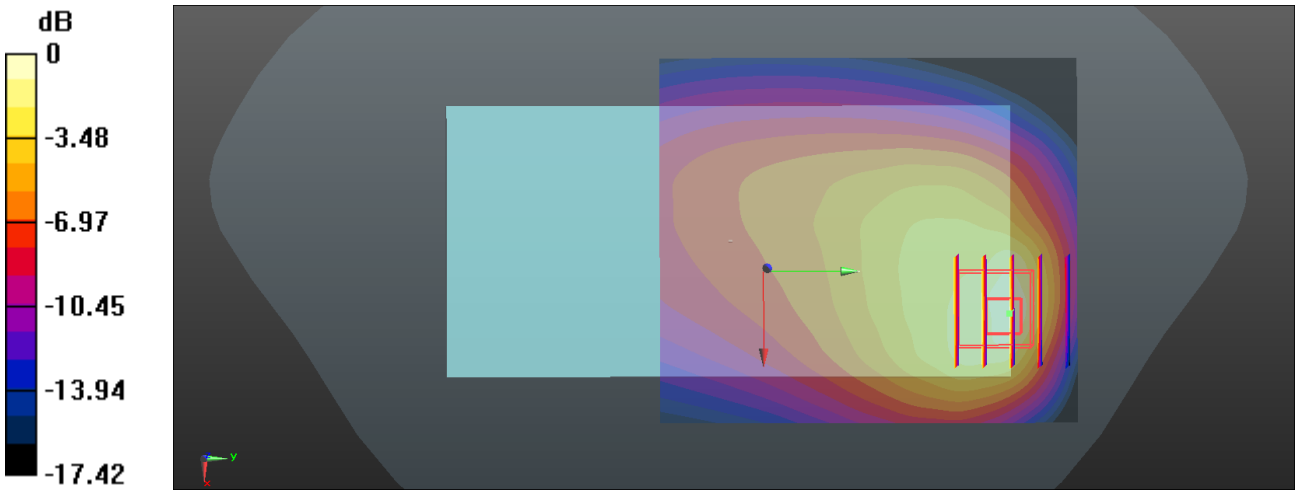
39_LTE Band 5_10M_QPSK_1RB_25Offset_Back_5mm_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_221027 Medium parameters used: f = 836.5 MHz; σ = 0.898 S/m; ε_r = 40.771; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3282; ConvF(6.22, 6.22, 6.22); Calibrated: 2021/11/4
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: 1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

Ch20525/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.15 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.578 W/kg
Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.33 W/kg