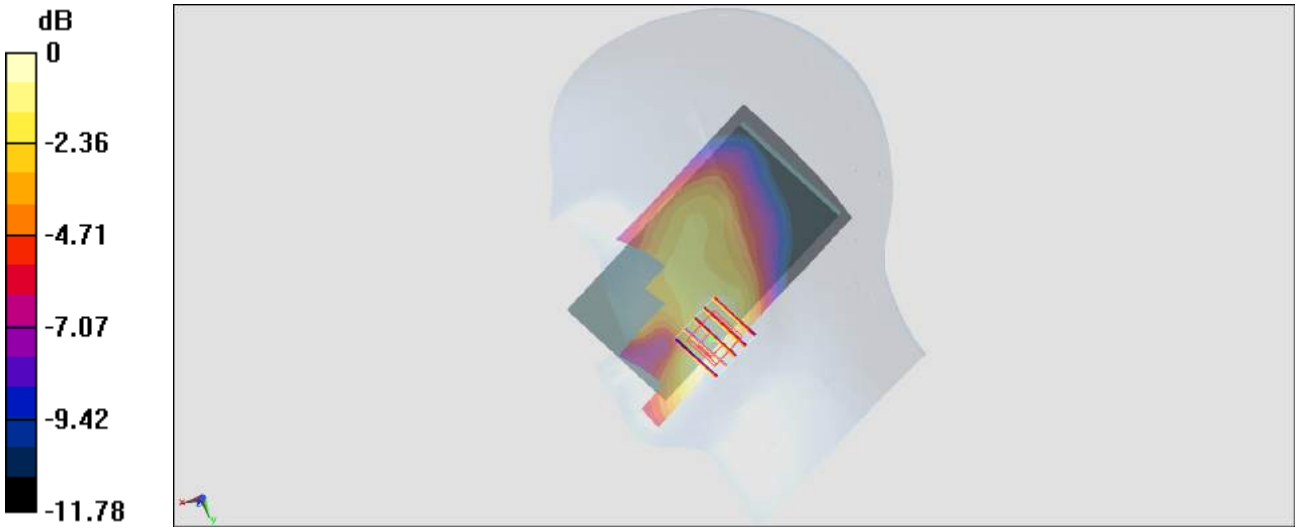
#01_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180317 Medium parameters used : f = 824.2 MHz; σ = 0.885 S/m; ε_r = 43.45; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.310 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.96 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.396 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.314 W/kg



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

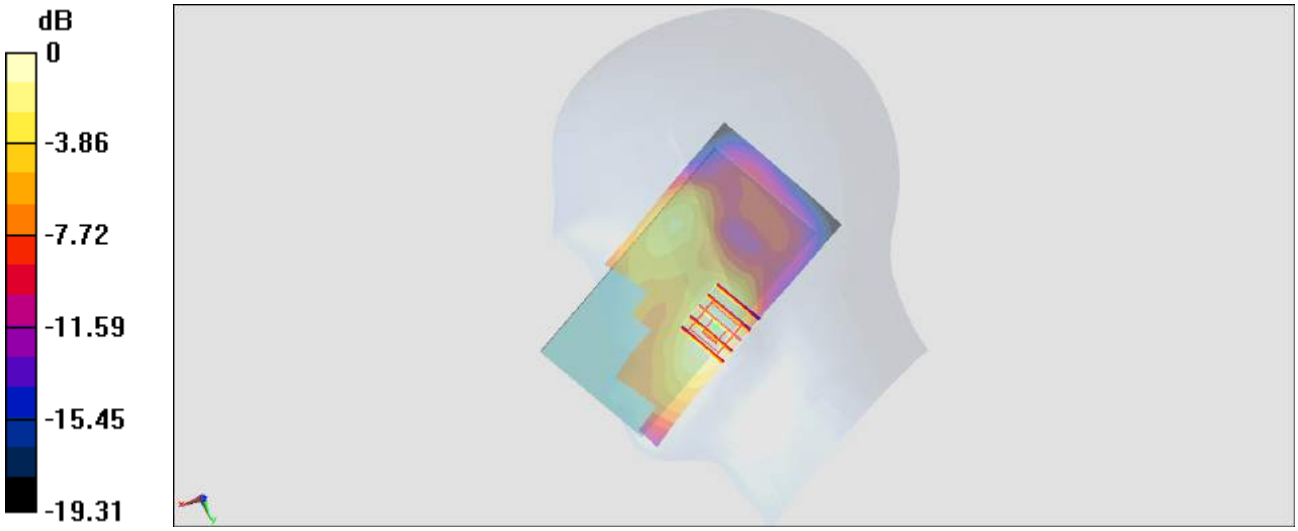
#02_LTE Band 2_20M_QPSK_1_49_Right Cheek_Ch19100

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180317 Medium parameters used: f = 1900 MHz; σ = 1.432 S/m; ε_r = 41.123; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.385 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.61 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.489 W/kg
SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.196 W/kg
Maximum value of SAR (measured) = 0.379 W/kg



0 dB = 0.379 W/kg = -4.21 dBW/kg

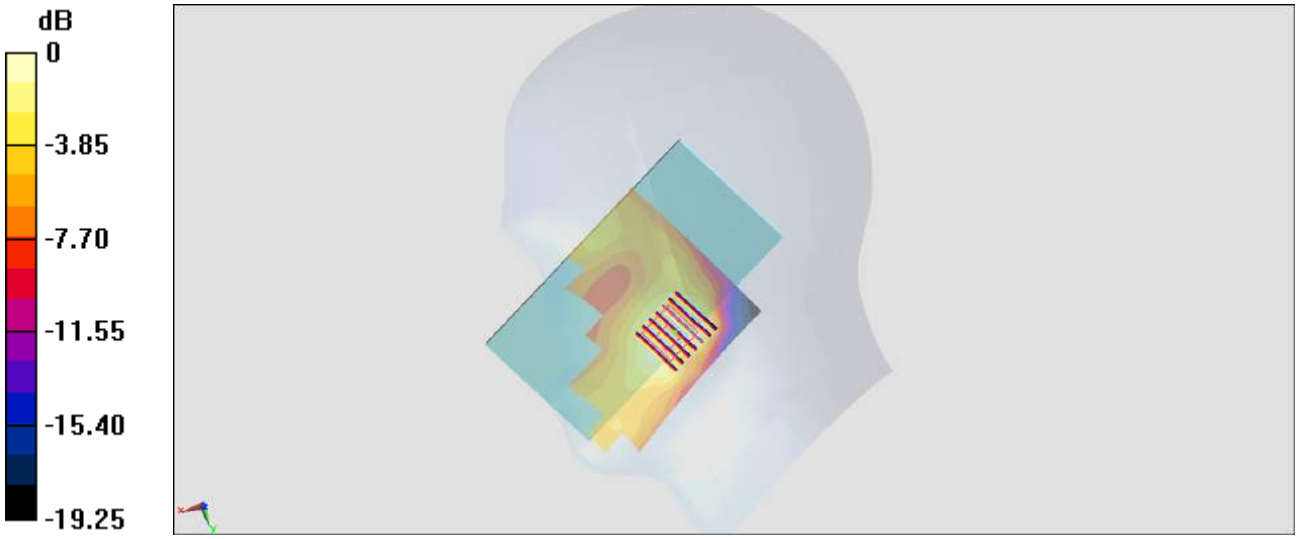
#03_LTE Band 7_20M_QPSK_1_49_Right Cheek_Ch21350

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180315 Medium parameters used: f = 2560 MHz; σ = 1.986 S/m; ε_r = 39.351; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.572 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.69 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.688 W/kg
SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.208 W/kg
Maximum value of SAR (measured) = 0.577 W/kg



0 dB = 0.577 W/kg = -2.39 dBW/kg

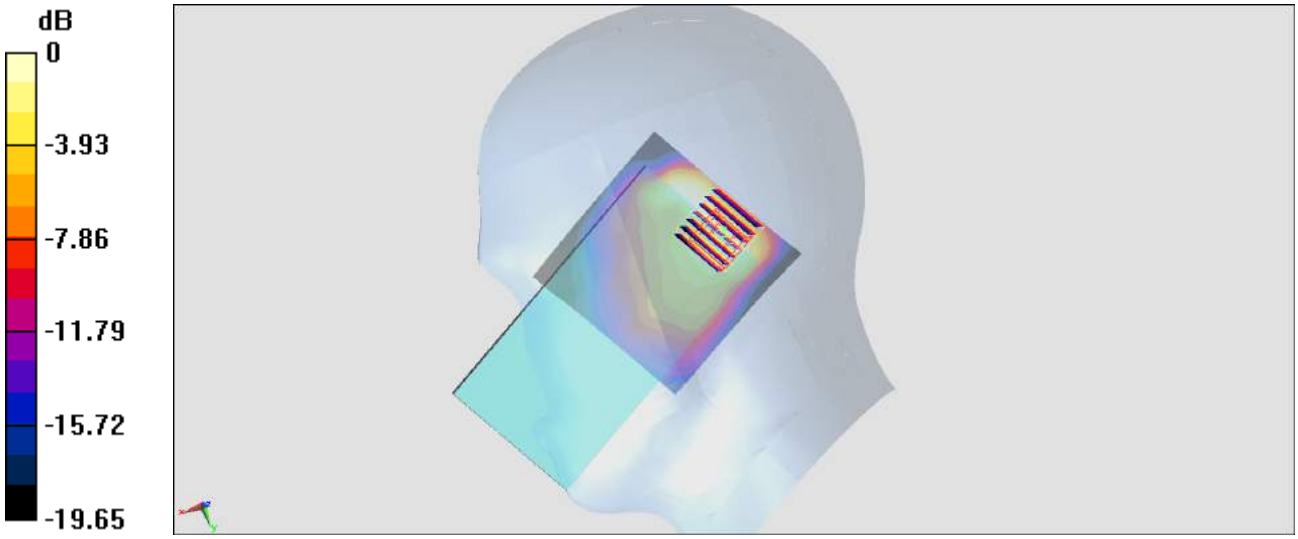
#04_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.024
Medium: HSL_2450_180315 Medium parameters used: f = 2437 MHz; σ = 1.844 S/m; ε_r = 39.83; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.10 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.324 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

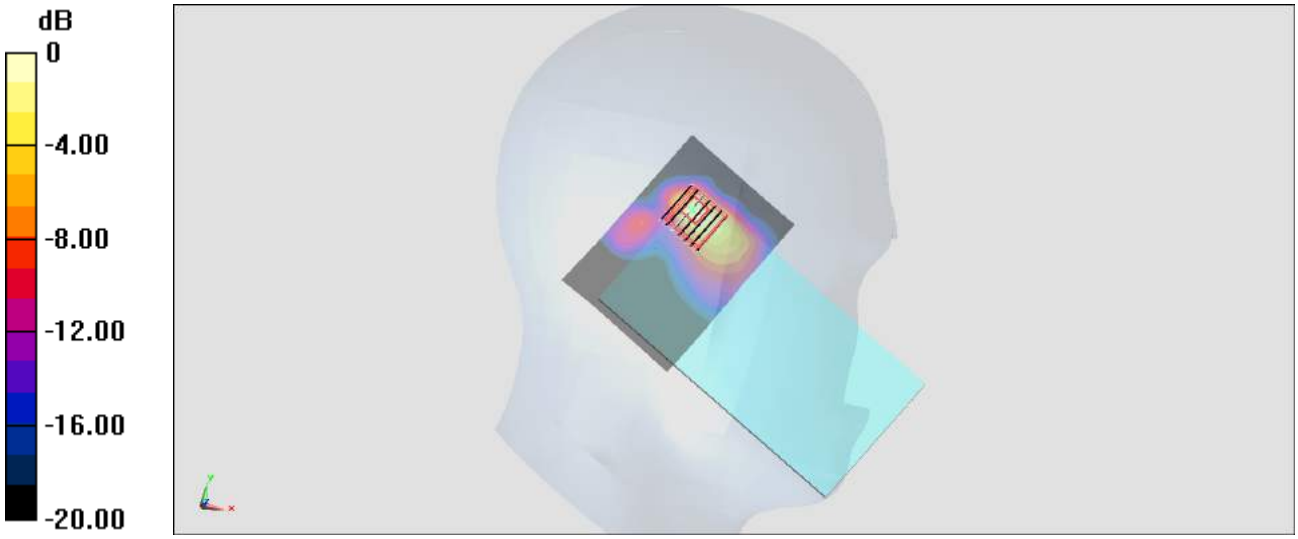
#05_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch64

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1.15
Medium: HSL_5G_180314 Medium parameters used: f = 5320 MHz; σ = 4.609 S/m; ε_r = 35.794; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.56, 5.56, 5.56); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.27 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.47 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 4.52 W/kg
SAR(1 g) = 0.922 W/kg; SAR(10 g) = 0.270 W/kg
Maximum value of SAR (measured) = 2.61 W/kg



0 dB = 2.61 W/kg = 4.17 dBW/kg

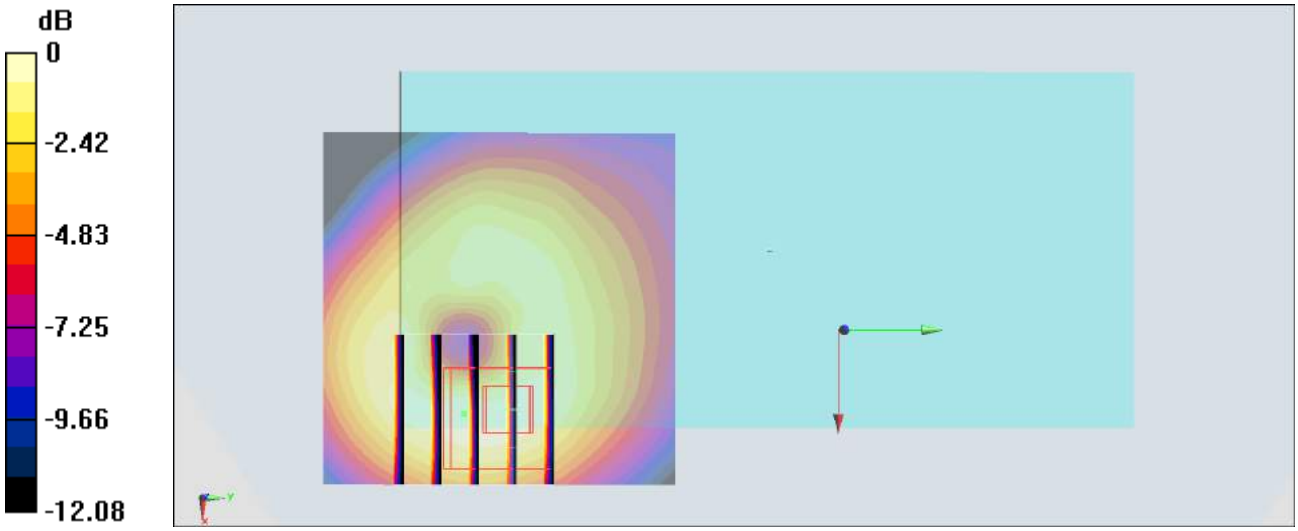
#06_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180317 Medium parameters used: f = 849 MHz; σ = 0.956 S/m; ε_r = 56.537; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.914 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.63 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.408 W/kg
Maximum value of SAR (measured) = 0.929 W/kg



0 dB = 0.929 W/kg = -0.32 dBW/kg

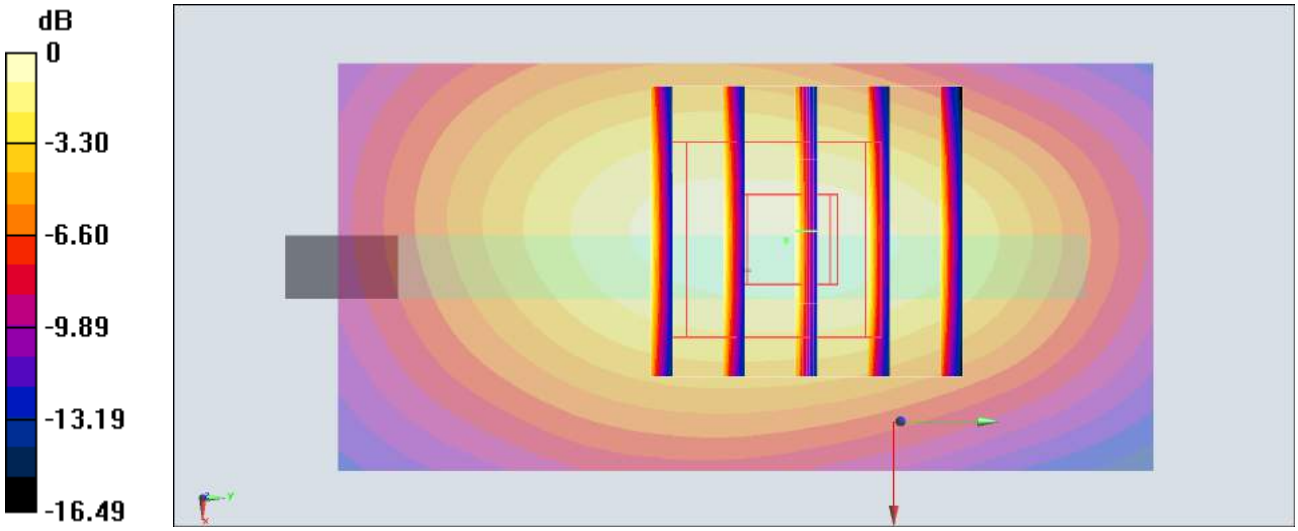
#07_LTE Band 2_20M_QPSK_1_49_Bottom Side_10mm_Ch18900

Communication System: LTE ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180317 Medium parameters used: f = 1880 MHz; σ = 1.554 S/m; ε_r = 54.907; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (31x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.03 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.565 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



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

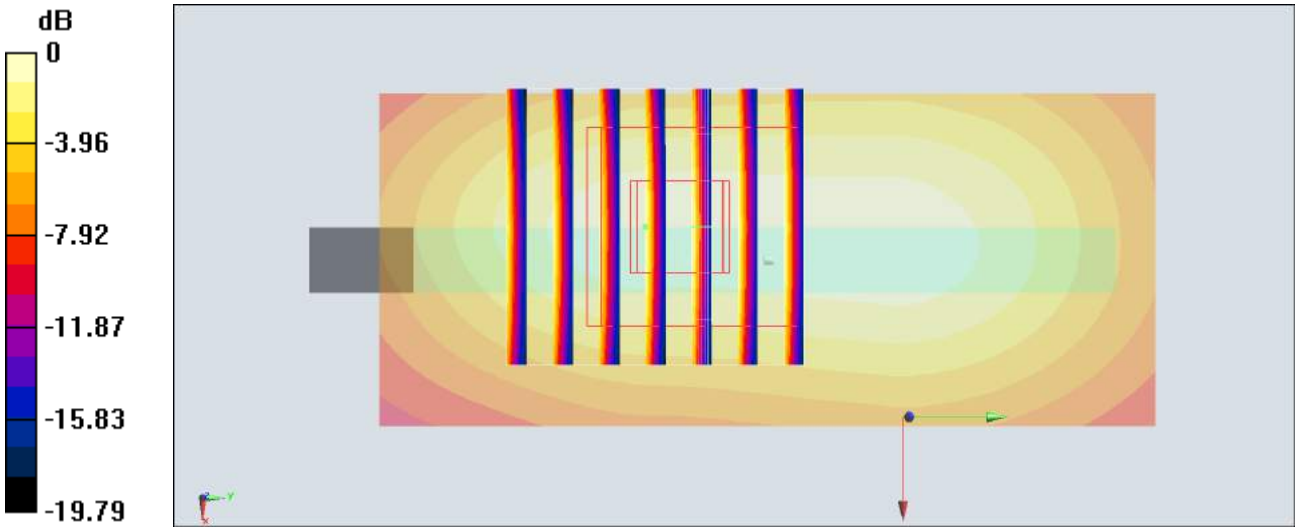
#08_LTE Band 7_20M_QPSK_1_49_Bottom Side_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180317 Medium parameters used: f = 2560 MHz; σ = 2.135 S/m; ε_r = 54.404; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (31x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.83 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.458 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

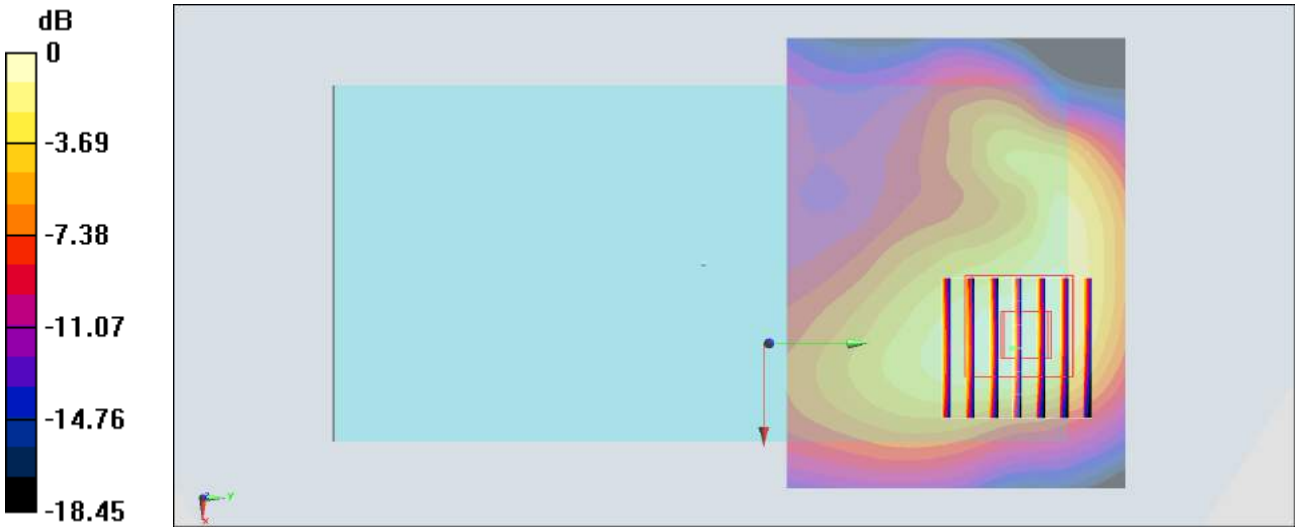
#09_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.024
Medium: MSL_2450_180316 Medium parameters used: f = 2462 MHz; σ = 2.015 S/m; ε_r = 53.7; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.210 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.698 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.347 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.094 W/kg
Maximum value of SAR (measured) = 0.214 W/kg



0 dB = 0.214 W/kg = -6.70 dBW/kg

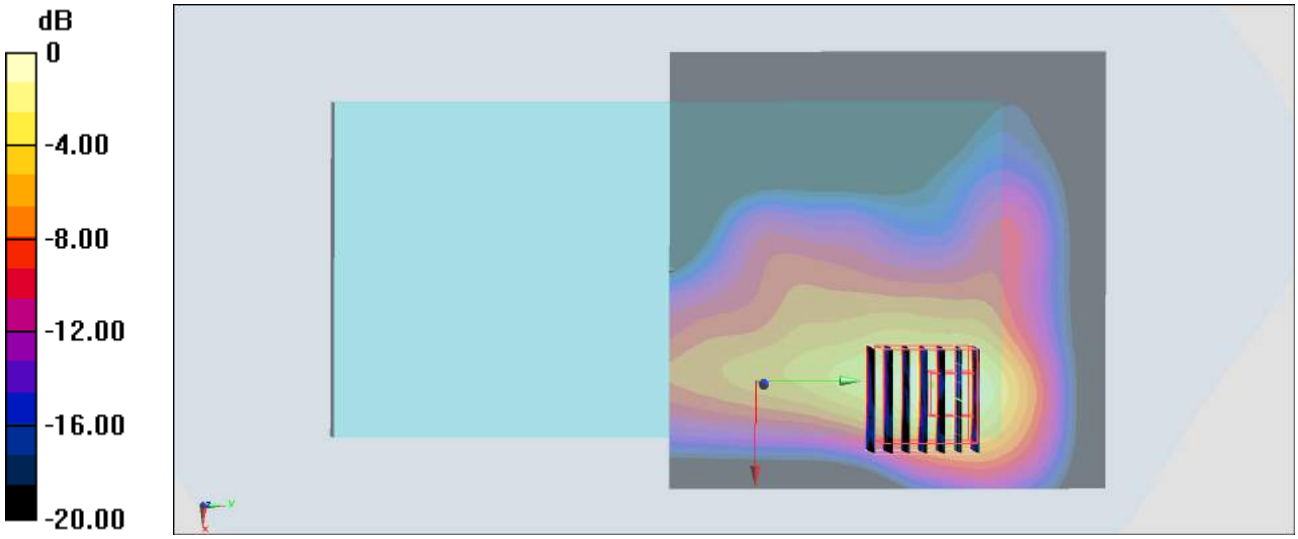
#10_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz;Duty Cycle: 1:1.15
Medium: MSL_5G_180318 Medium parameters used: f = 5300 MHz; σ = 5.441 S/m; ε_r = 48.343; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.320 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.755 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.513 W/kg
SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.036 W/kg
Maximum value of SAR (measured) = 0.326 W/kg



0 dB = 0.326 W/kg = -4.87 dBW/kg

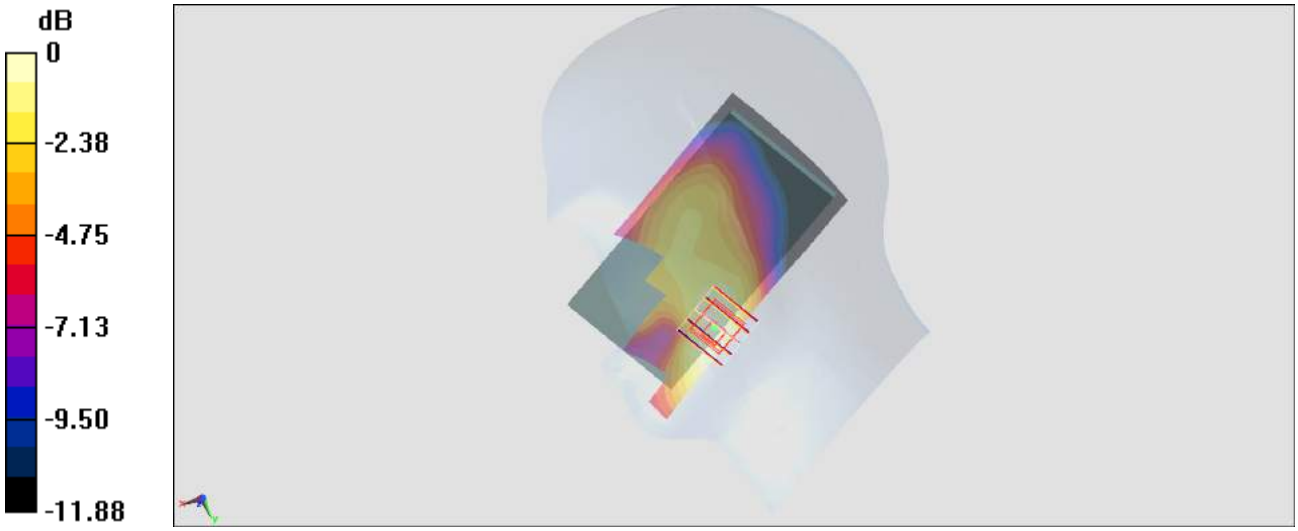
#11_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180317 Medium parameters used : f = 824.2 MHz; σ = 0.885 S/m; ε_r = 43.45; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.307 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.57 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.379 W/kg
SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.181 W/kg
Maximum value of SAR (measured) = 0.304 W/kg



0 dB = 0.304 W/kg = -5.17 dBW/kg

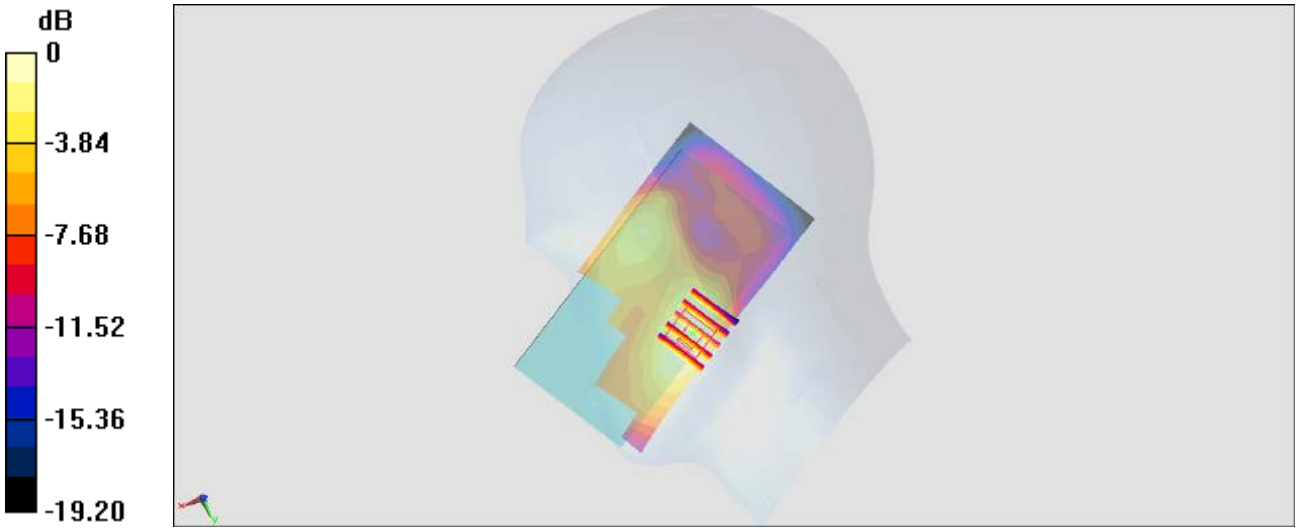
#22_LTE Band 2_20M_QPSK_1_0_Right Cheek_Ch19100

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180317 Medium parameters used: f = 1900 MHz; σ = 1.432 S/m; ε_r = 41.123; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.348 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.53 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.462 W/kg
SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.184 W/kg
Maximum value of SAR (measured) = 0.358 W/kg



0 dB = 0.358 W/kg = -4.46 dBW/kg

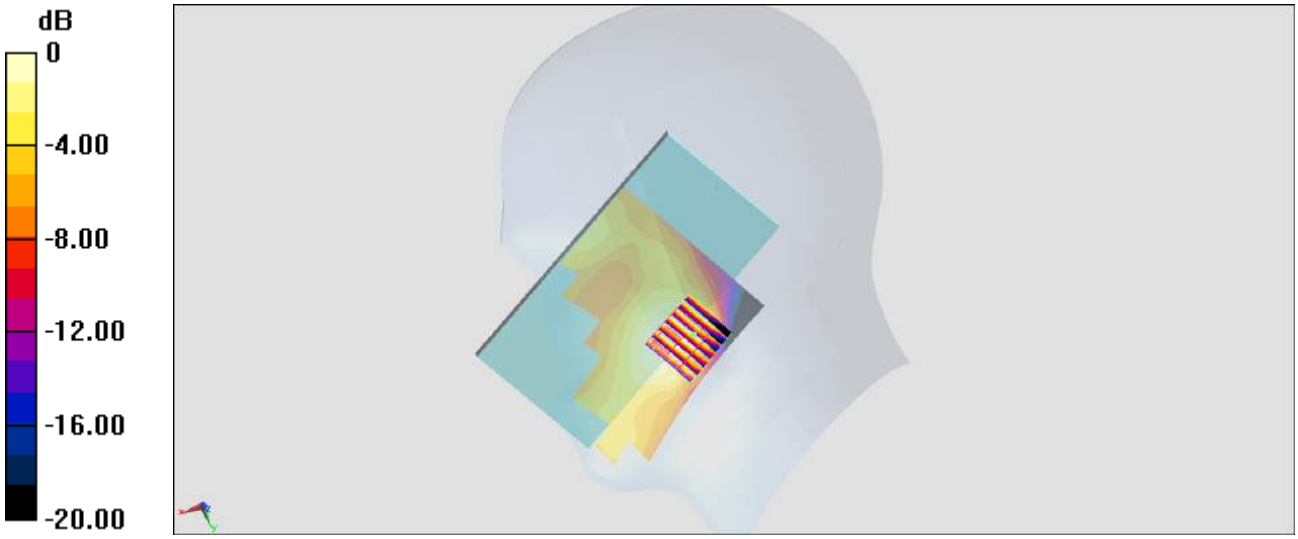
#13_LTE Band 7_20M_QPSK_1_49_Right Cheek_Ch21350

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180317 Medium parameters used: f = 2560 MHz; σ = 1.966 S/m; ε_r = 39.575; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.493 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.15 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.583 W/kg
SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.477 W/kg



0 dB = 0.477 W/kg = -3.21 dBW/kg

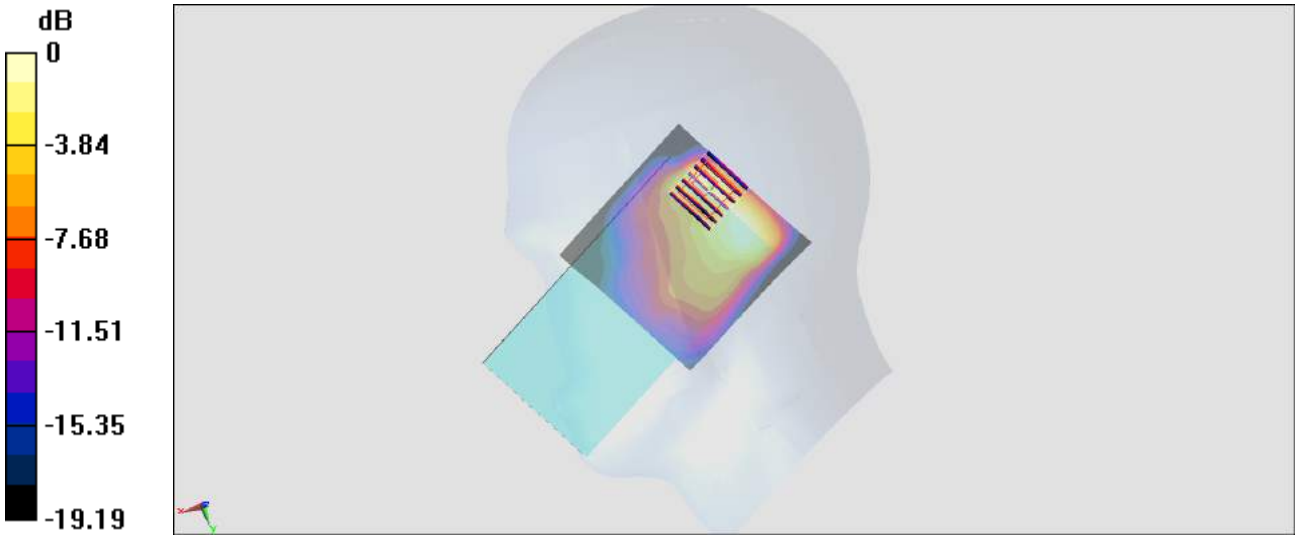
#14_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.024
Medium: HSL_2450_180317 Medium parameters used: f = 2437 MHz; σ = 1.825 S/m; ε_r = 40.054; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.946 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.01 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.232 W/kg
Maximum value of SAR (measured) = 0.914 W/kg



0 dB = 0.914 W/kg = -0.39 dBW/kg

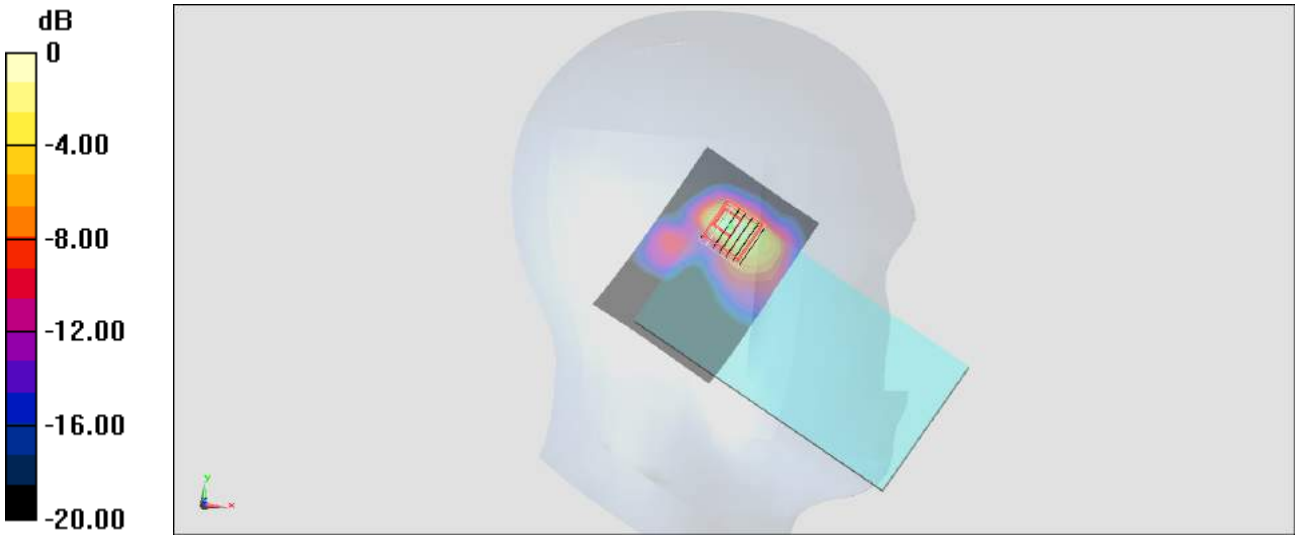
#15_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch64

Communication System: 802.11a ; Frequency: 5320 MHz;Duty Cycle: 1:1.15
Medium: HSL_5G_180318 Medium parameters used: f = 5320 MHz; σ = 4.731 S/m; ε_r = 36.519; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.56, 5.56, 5.56); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.61 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.35 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 5.18 W/kg
SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.324 W/kg
Maximum value of SAR (measured) = 2.90 W/kg



0 dB = 2.90 W/kg = 4.62 dBW/kg

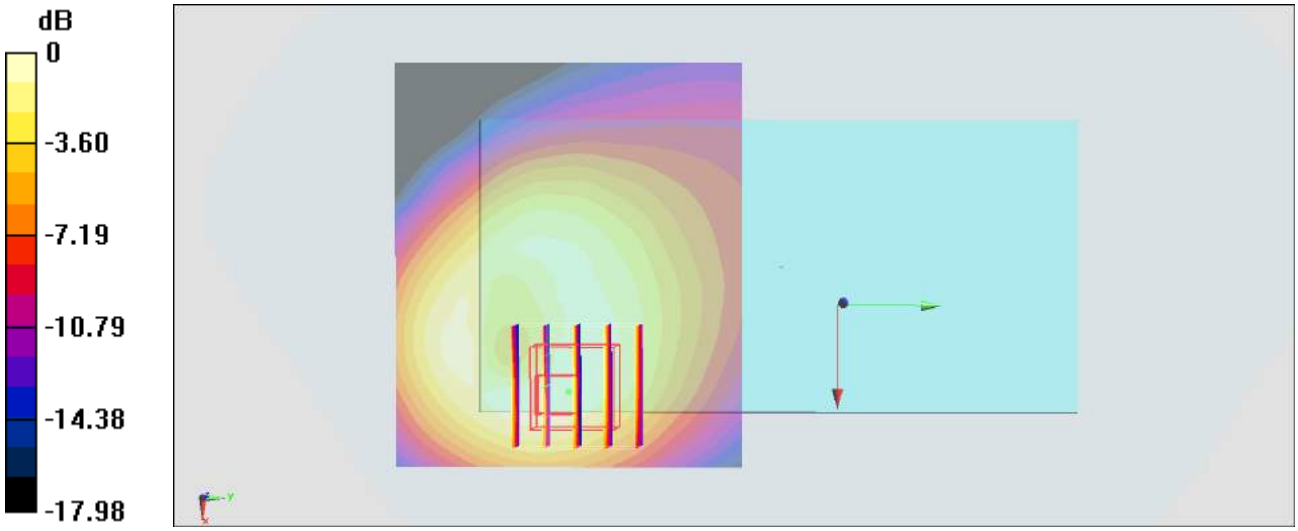
#16_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180315 Medium parameters used: f = 824.2 MHz; σ = 0.966 S/m; ε_r = 56.43; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): 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 = 31.76 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.829 W/kg; SAR(10 g) = 0.456 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



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

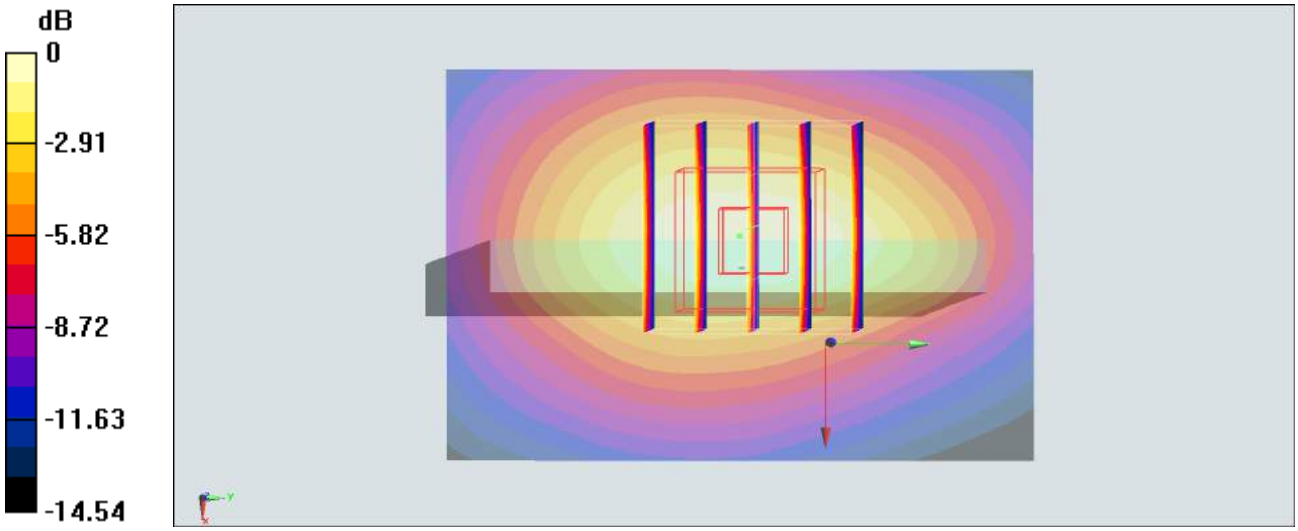
#17_LTE Band 2_20M_QPSK_1_49_Bottom Side_10mm_Ch18900

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180315 Medium parameters used: f = 1880 MHz; σ = 1.53 S/m; ε_r = 54.248; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.28 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.28 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.619 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



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

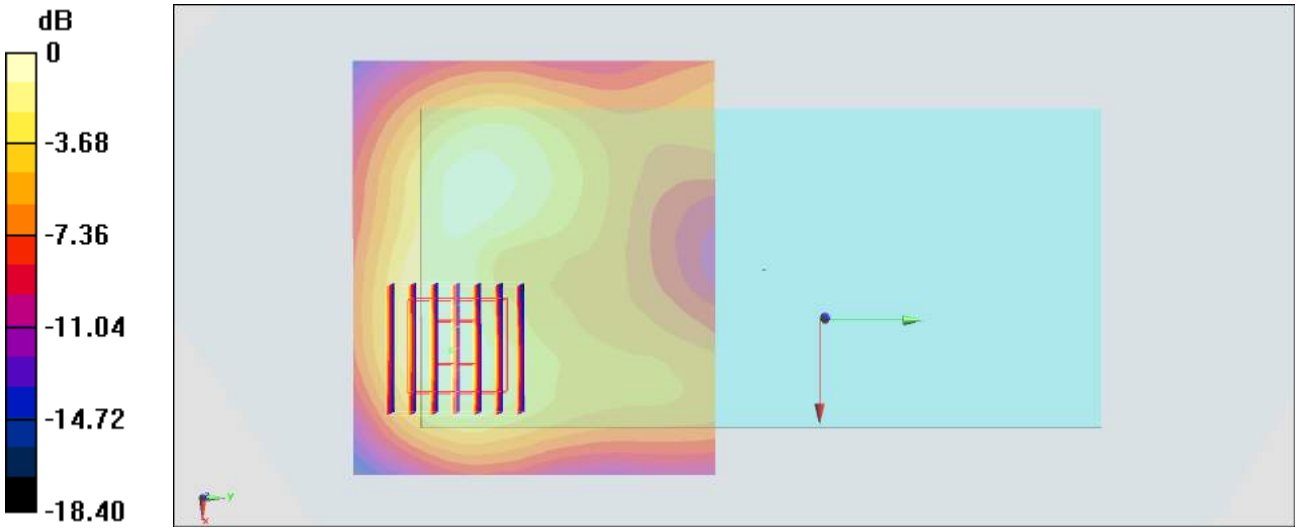
#18_LTE Band 7_20M_QPSK_1_49_Front_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180314 Medium parameters used: f = 2560 MHz; σ = 2.151 S/m; ε_r = 51.992; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.98 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.484 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



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

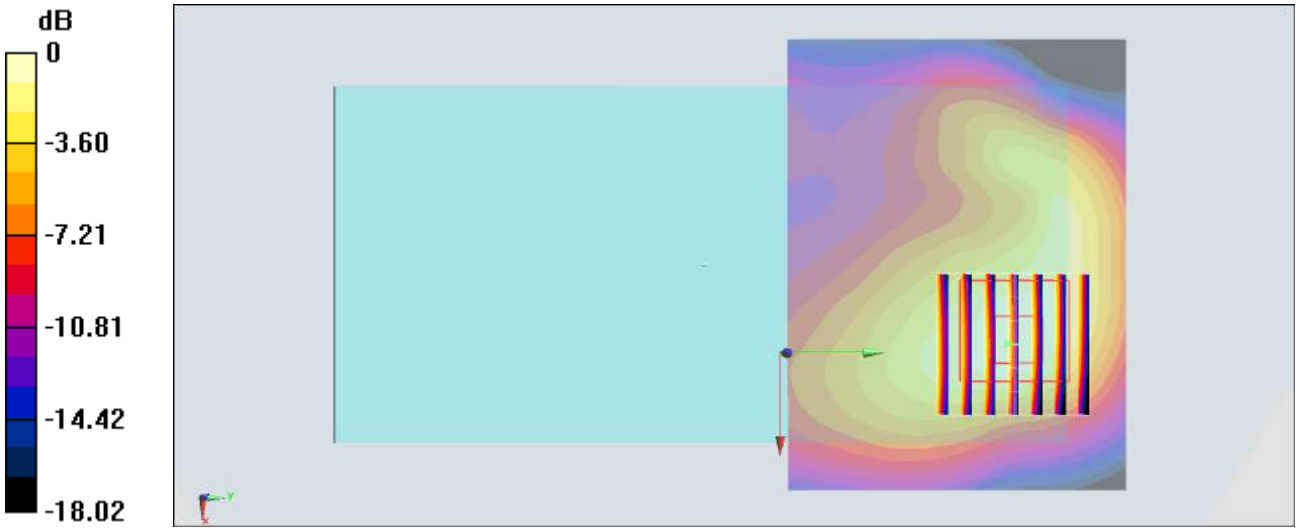
#19_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.024
Medium: MSL_2450_180316 Medium parameters used: f = 2462 MHz; σ = 2.015 S/m; ε_r = 53.7; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.210 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.210 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

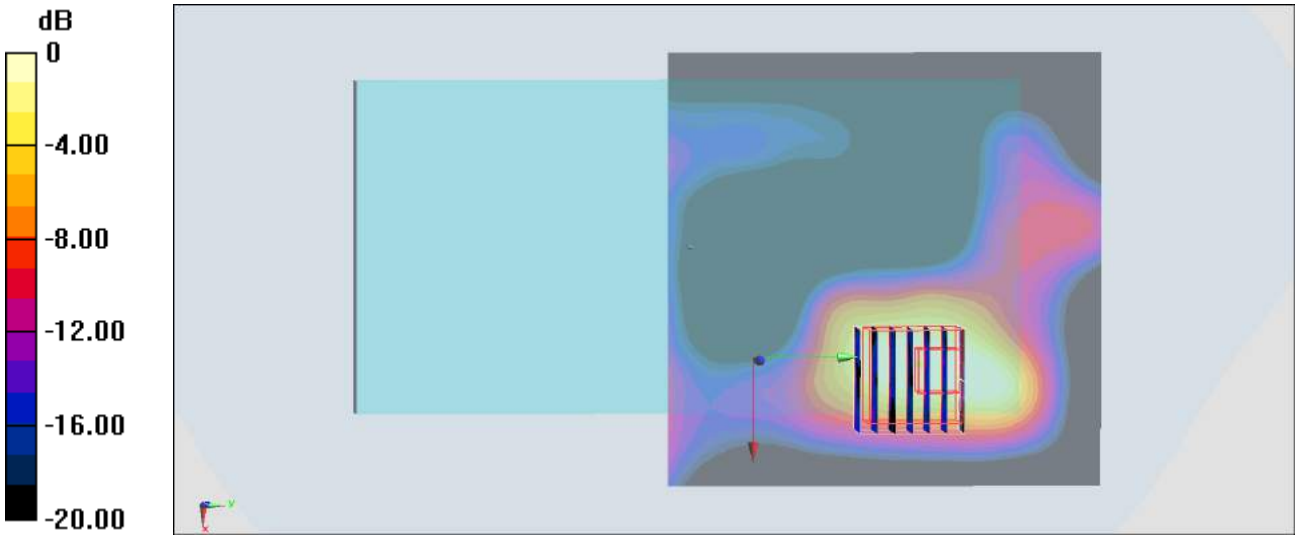
#20_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz;Duty Cycle: 1:1.15
Medium: MSL_5G_180318 Medium parameters used: f = 5300 MHz; σ = 5.441 S/m; ε_r = 48.343; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.364 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.151 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.476 W/kg
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.297 W/kg



0 dB = 0.297 W/kg = -5.27 dBW/kg

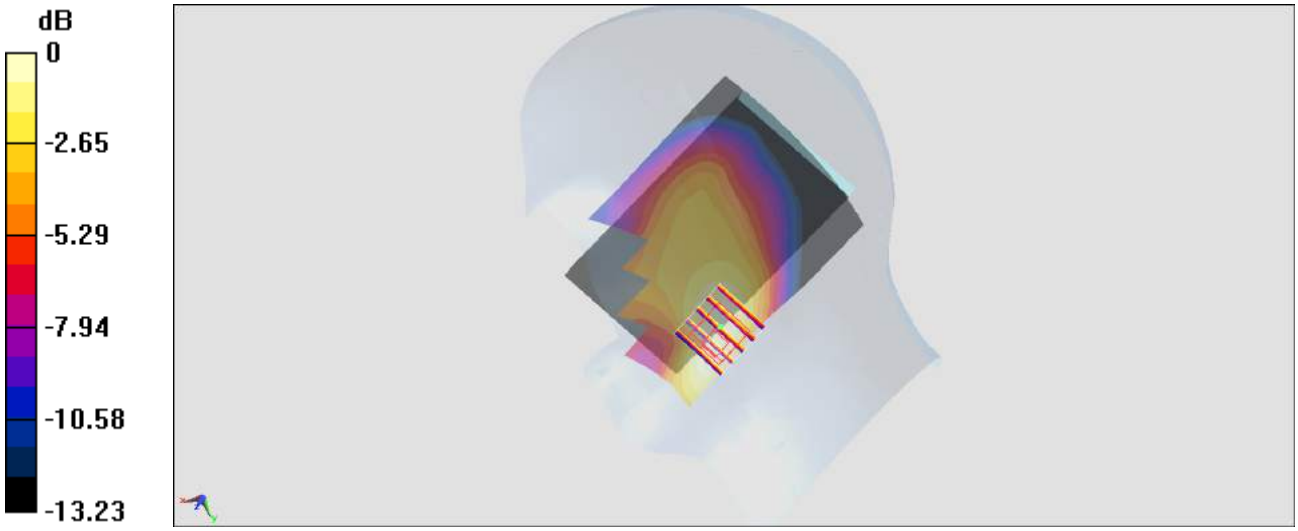
#21_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180327 Medium parameters used : f = 824.2 MHz; σ = 0.87 S/m; ε_r = 42.292; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.294 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.05 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.390 W/kg
SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.165 W/kg
Maximum value of SAR (measured) = 0.297 W/kg



0 dB = 0.297 W/kg = -5.27 dBW/kg

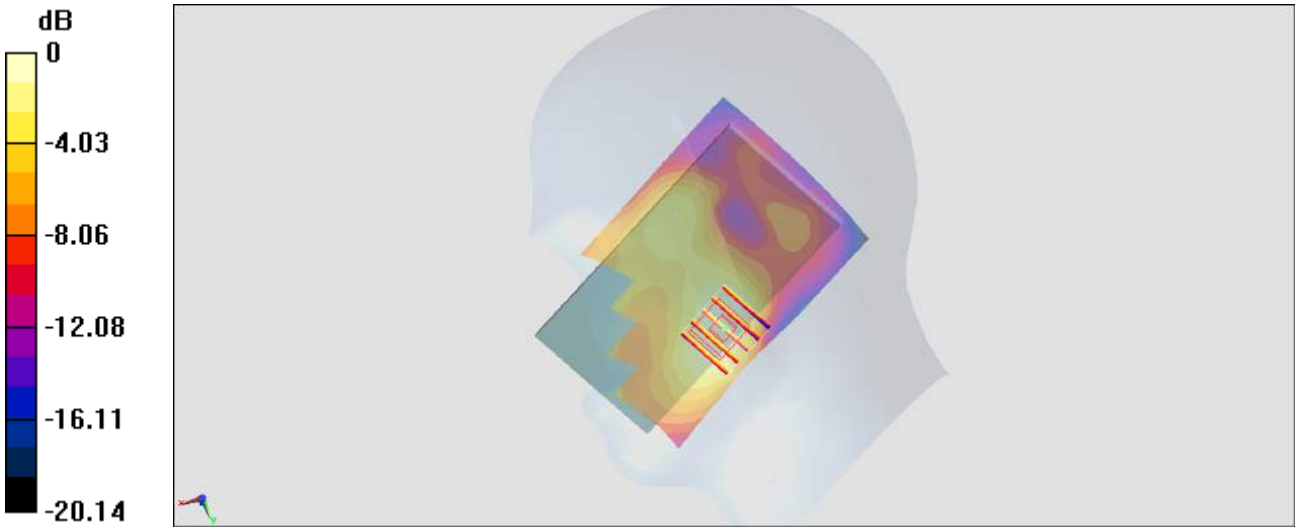
#22_LTE Band 2_20M_QPSK_1_49_Right Cheek_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180327 Medium parameters used: f = 1900 MHz; σ = 1.449 S/m; ε_r = 39.311; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.295 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.05 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.376 W/kg
SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.153 W/kg
Maximum value of SAR (measured) = 0.293 W/kg



0 dB = 0.293 W/kg = -5.33 dBW/kg

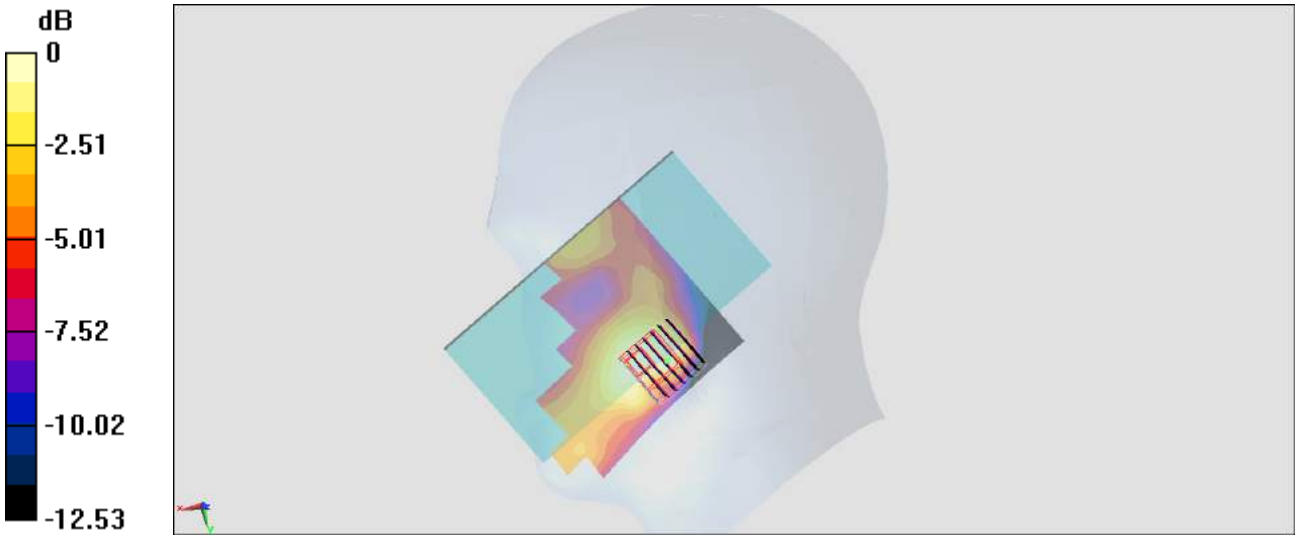
#23_LTE Band 7_20M_QPSK_1_49_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180325 Medium parameters used: f = 2560 MHz; σ = 1.949 S/m; ε_r = 39.511; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.489 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.15 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.577 W/kg
SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.473 W/kg



0 dB = 0.473 W/kg = -3.25 dBW/kg

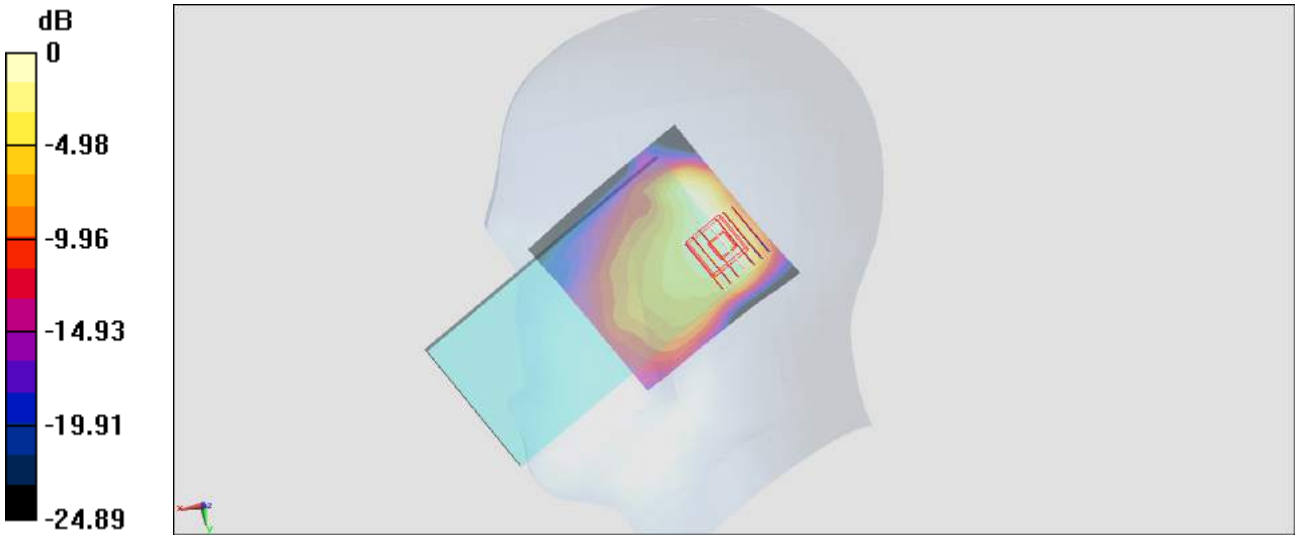
#24_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.024
Medium: HSL_2450_180325 Medium parameters used: f = 2437 MHz; σ = 1.808 S/m; ε_r = 39.99; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.813 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.38 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.980 W/kg
SAR(1 g) = 0.491 W/kg; SAR(10 g) = 0.265 W/kg
Maximum value of SAR (measured) = 0.793 W/kg



0 dB = 0.793 W/kg = -1.01 dBW/kg

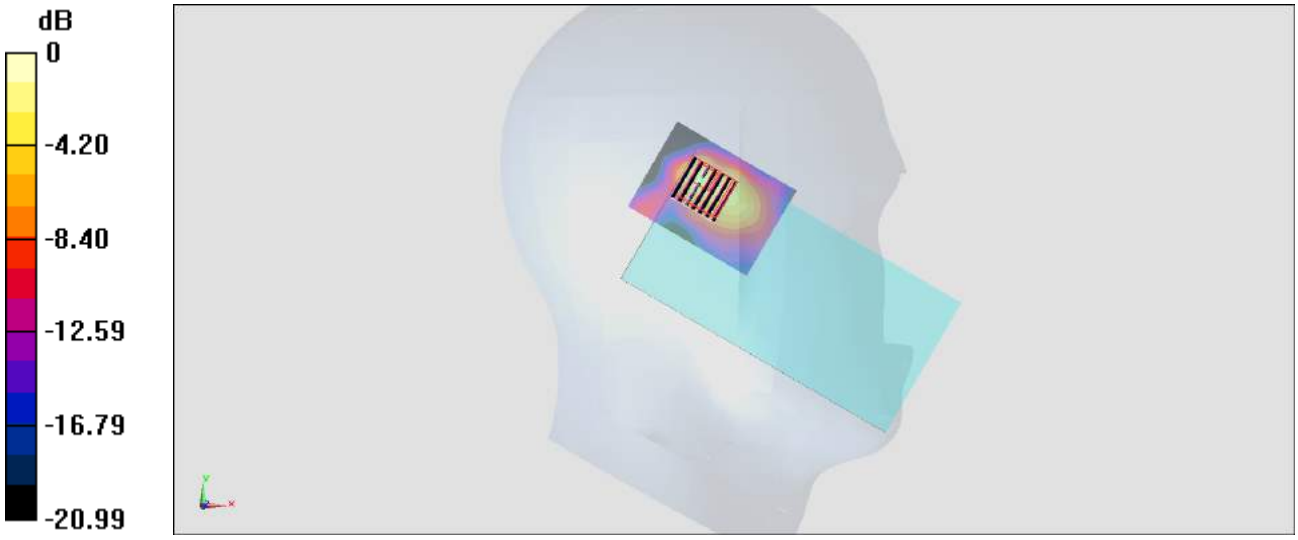
#25_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch100

Communication System: 802.11a; Frequency: 5500 MHz;Duty Cycle: 1:1.15
Medium: HSL_5G_180327 Medium parameters used: f = 5500 MHz; σ = 4.928 S/m; ε_r = 35.757; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.97, 4.97, 4.97); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (51x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.10 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,dz=1.4mm
Reference Value = 11.62 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 5.09 W/kg
SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.296 W/kg
Maximum value of SAR (measured) = 2.69 W/kg



0 dB = 2.69 W/kg = 4.30 dBW/kg

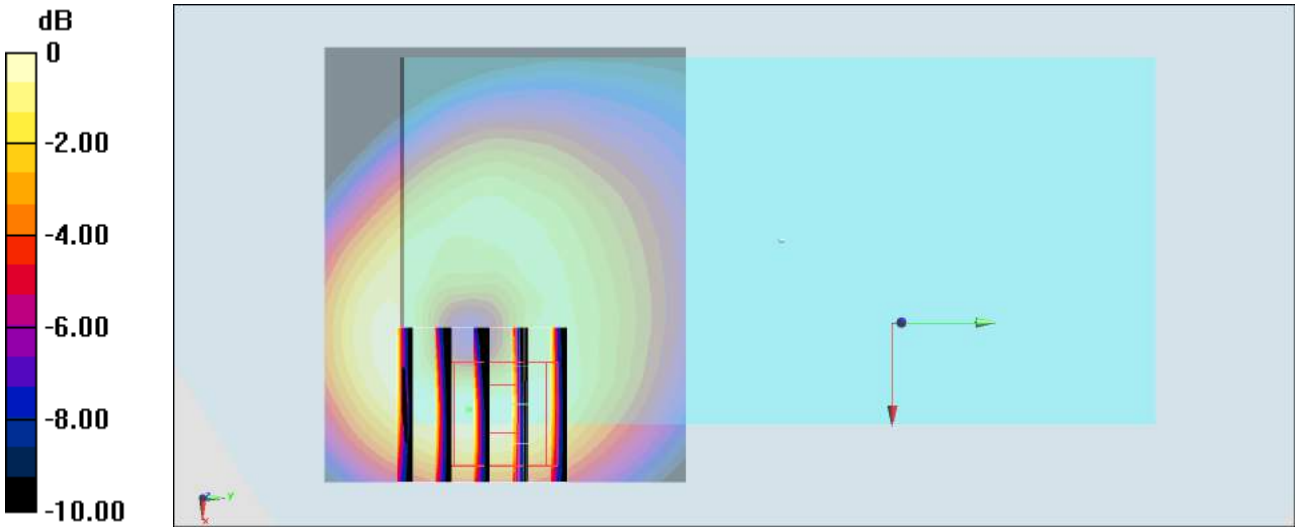
#26_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180324 Medium parameters used: f = 849 MHz; σ = 1.014 S/m; ε_r = 56.765; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.944 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.27 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.427 W/kg
Maximum value of SAR (measured) = 0.937 W/kg



0 dB = 0.937 W/kg = -0.28 dBW/kg

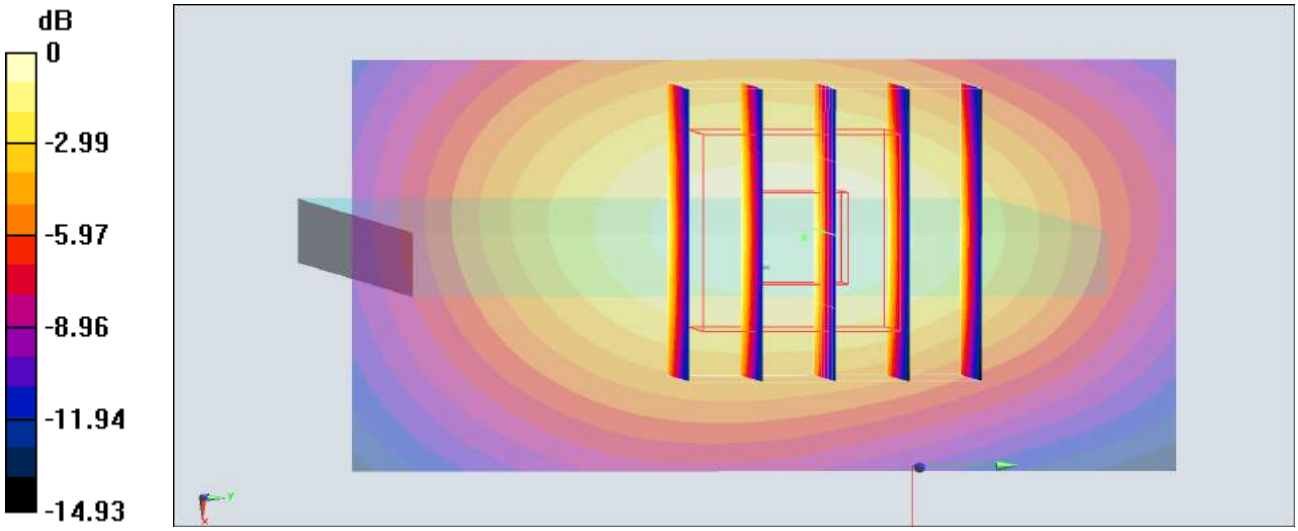
#27_LTE Band 2_20M_QPSK_1_49_Bottom Side_10mm_Ch18900

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180324 Medium parameters used: f = 1880 MHz; σ = 1.533 S/m; ε_r = 53.962; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (31x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.56 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.548 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



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

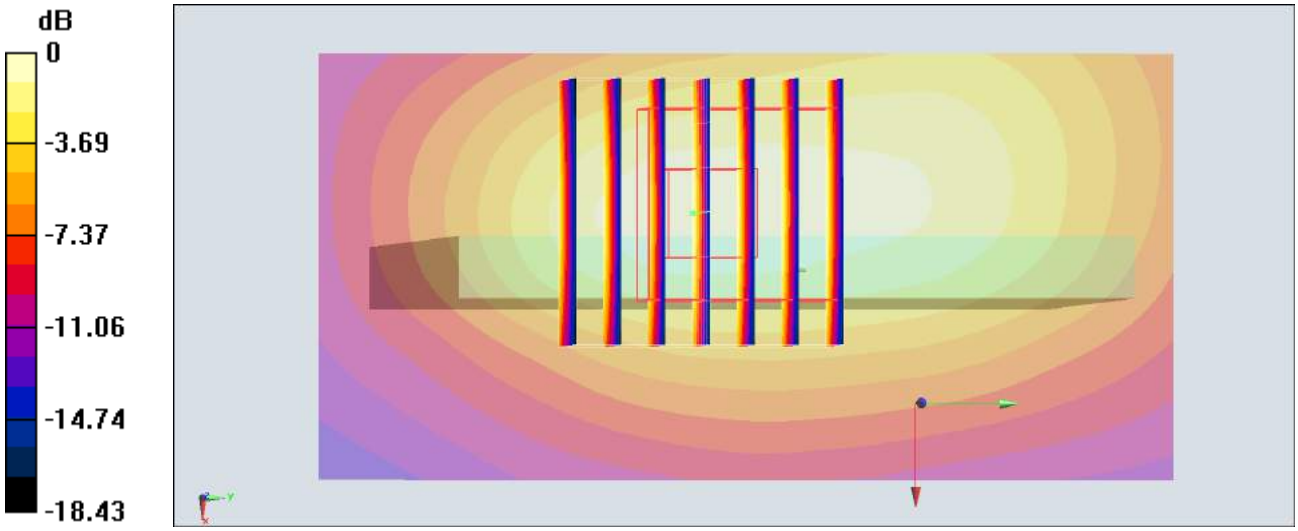
#28_LTE Band 7_20M_QPSK_1_49_Bottom Side_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180324 Medium parameters used: f = 2560 MHz; σ = 2.087 S/m; ε_r = 51.478; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.51 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.509 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



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

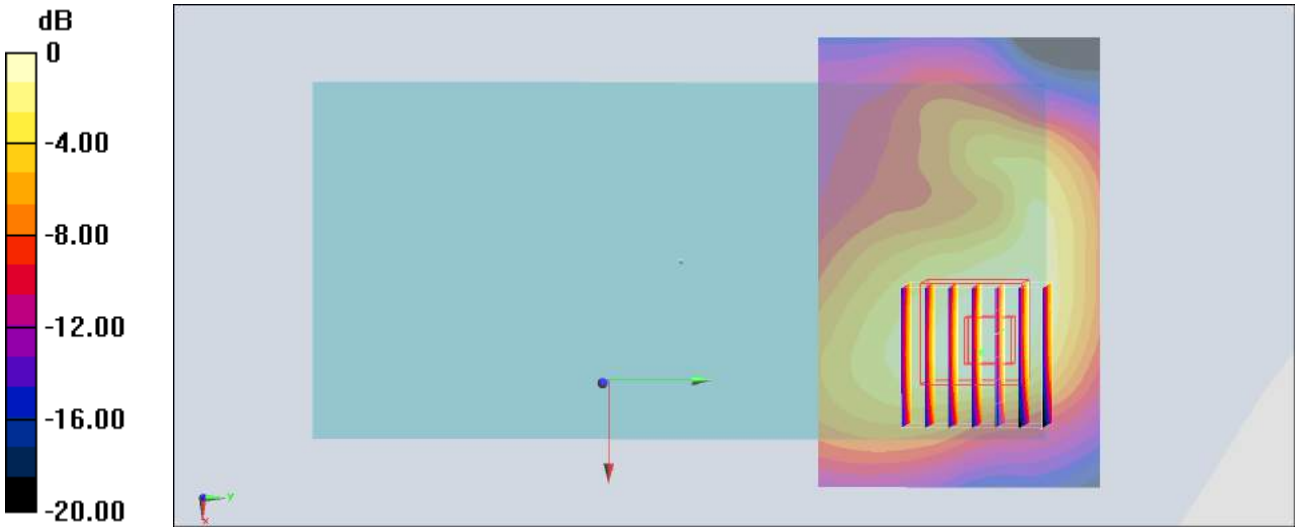
#29_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.024
Medium: MSL_2450_180326 Medium parameters used: f = 2462 MHz; σ = 1.996 S/m; ε_r = 51.187; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.339 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.50 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.685 W/kg
SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.325 W/kg



0 dB = 0.325 W/kg = -4.88 dBW/kg

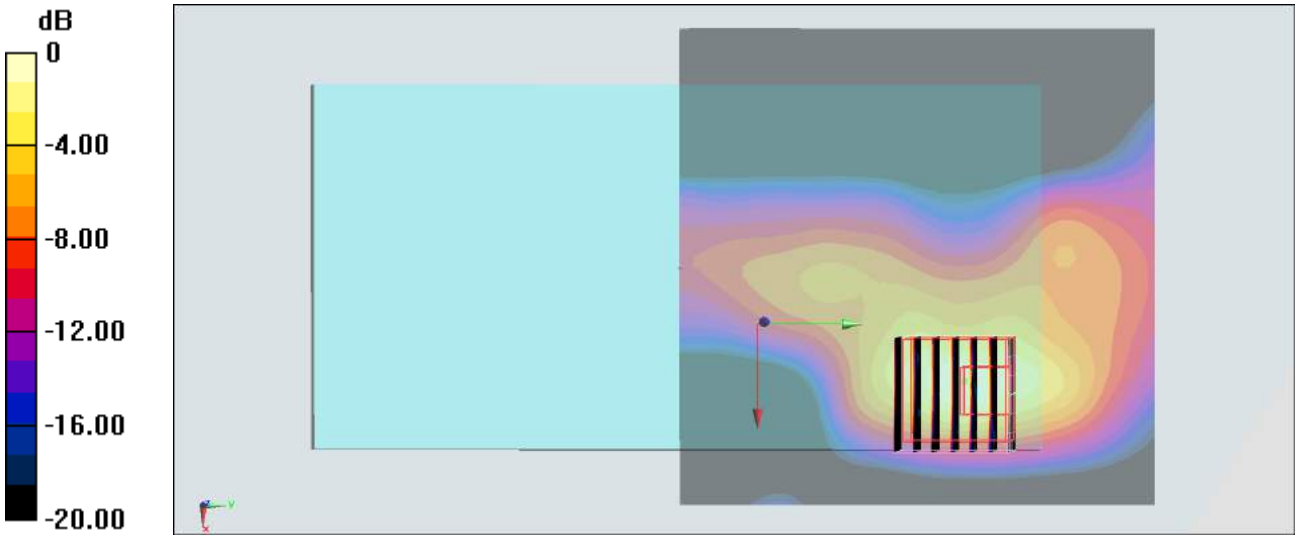
#30_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz;Duty Cycle: 1:1.15
Medium: MSL_5G_180327 Medium parameters used: f = 5300 MHz; σ = 5.553 S/m; ε_r = 48.057; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.416 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.509 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.593 W/kg
SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.394 W/kg = -4.05 dBW/kg

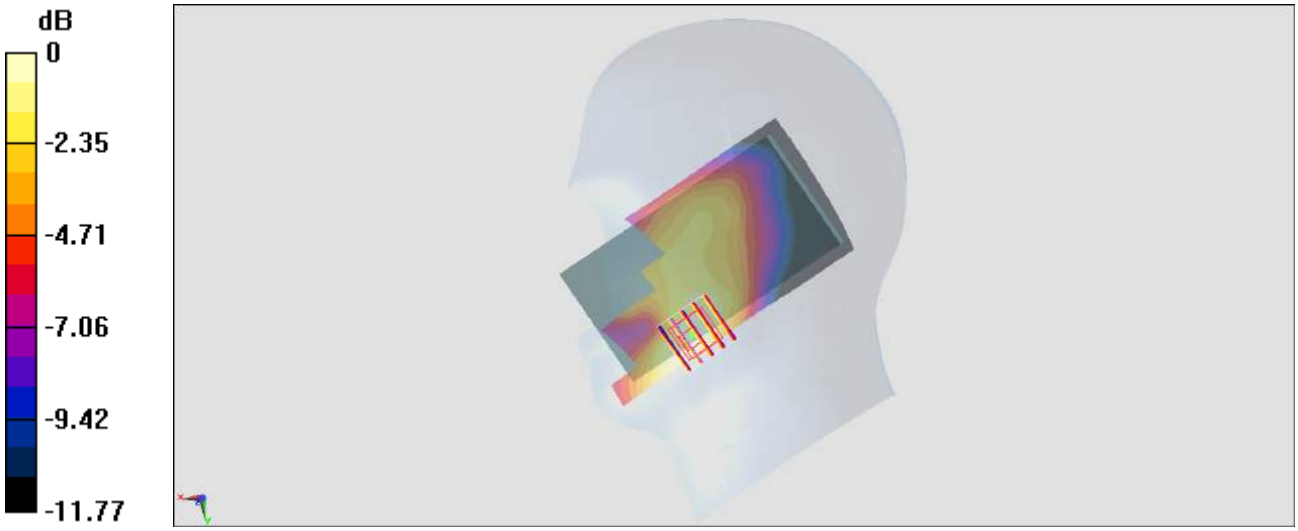
#31_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180320 Medium parameters used: f = 824.2 MHz; σ = 0.915 S/m; ε_r = 43.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.329 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.66 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.421 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.201 W/kg
Maximum value of SAR (measured) = 0.334 W/kg



0 dB = 0.334 W/kg = -4.76 dBW/kg

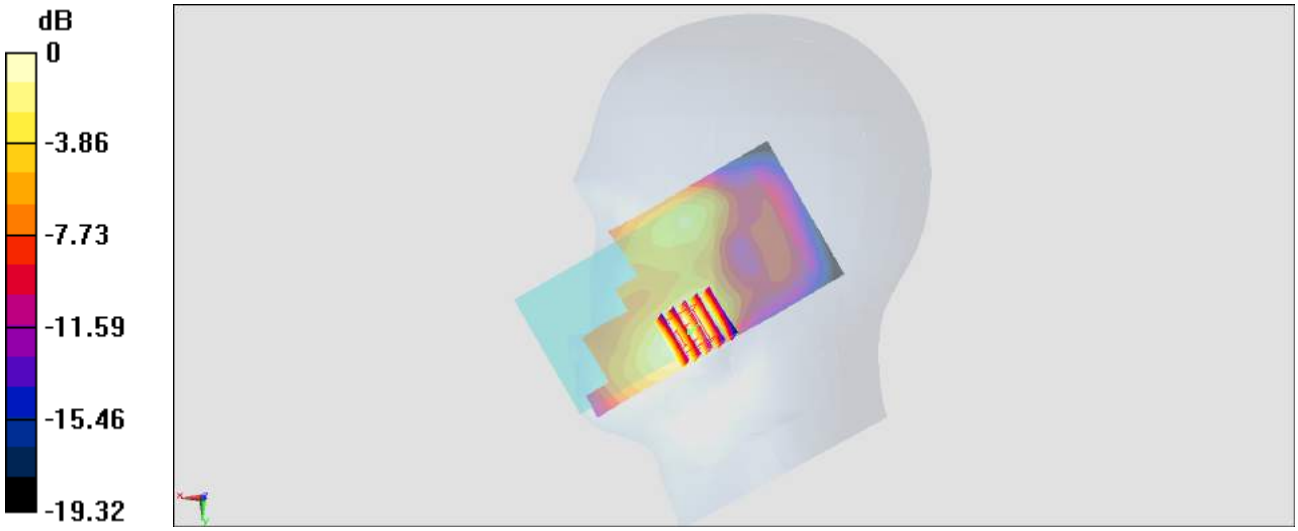
#32_LTE Band 2_20M_QPSK_1_49_Right Cheek_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180320 Medium parameters used: f = 1900 MHz; σ = 1.416 S/m; ε_r = 40.241; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.374 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.88 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.469 W/kg
SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 0.368 W/kg



0 dB = 0.368 W/kg = -4.34 dBW/kg

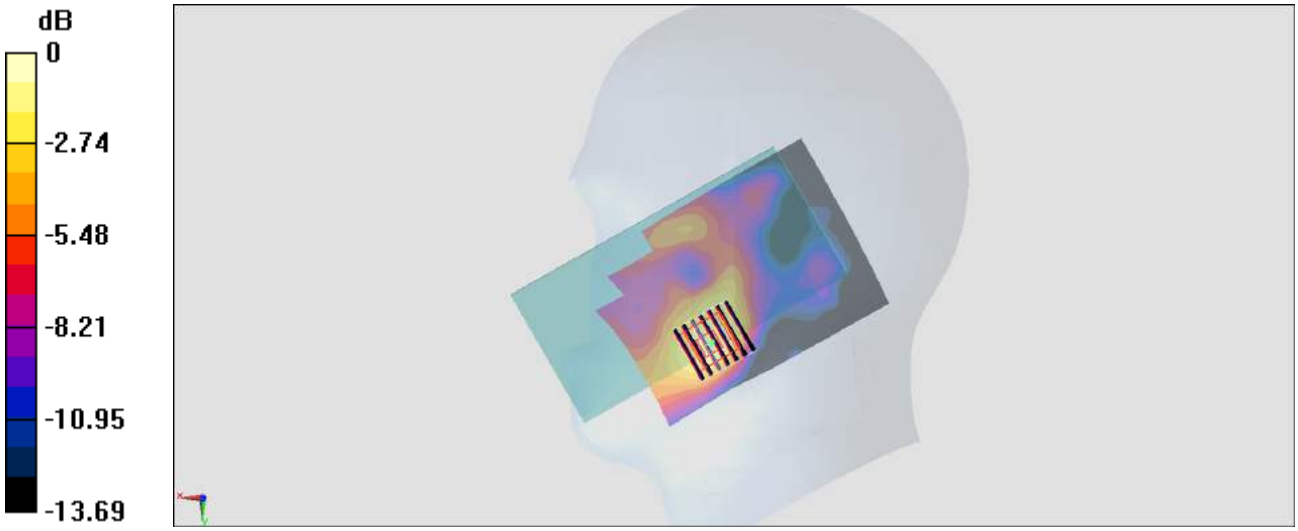
#33_LTE Band 7_20M_QPSK_1_49_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180320 Medium parameters used: f = 2560 MHz; σ = 1.91 S/m; ε_r = 39.37; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.47, 4.47, 4.47); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.453 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.05 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.707 W/kg
SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.437 W/kg



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

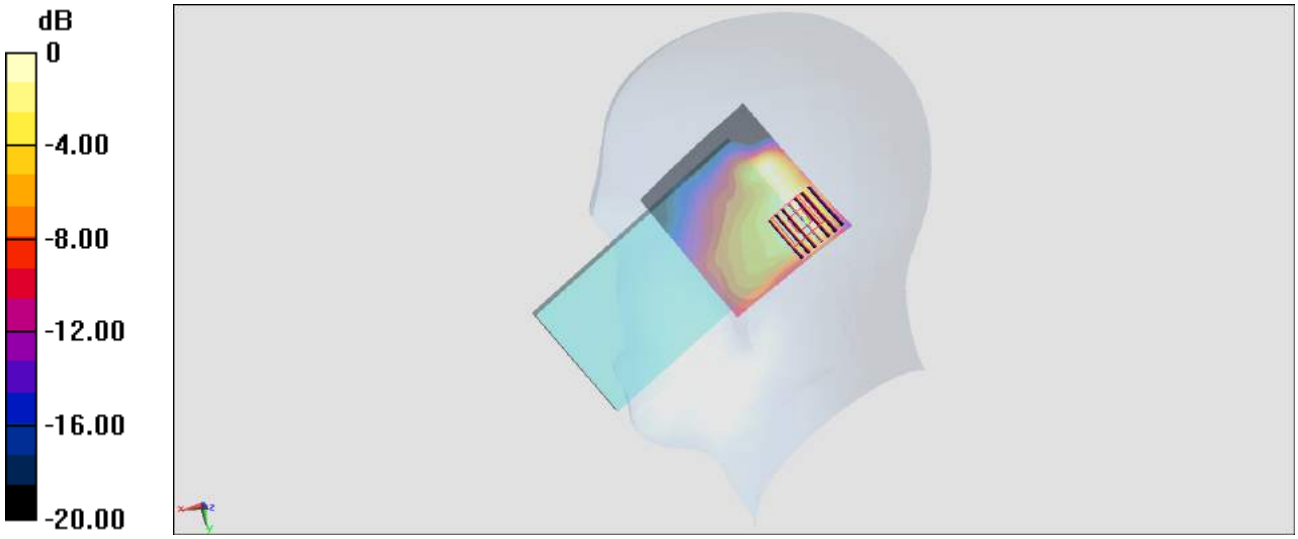
#34_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6;Ant 1

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.024
Medium: HSL_2450_180321 Medium parameters used: f = 2437 MHz; σ = 1.811 S/m; ε_r = 39.93; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.943 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.16 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.236 W/kg
Maximum value of SAR (measured) = 0.803 W/kg



0 dB = 0.803 W/kg = -0.95 dBW/kg

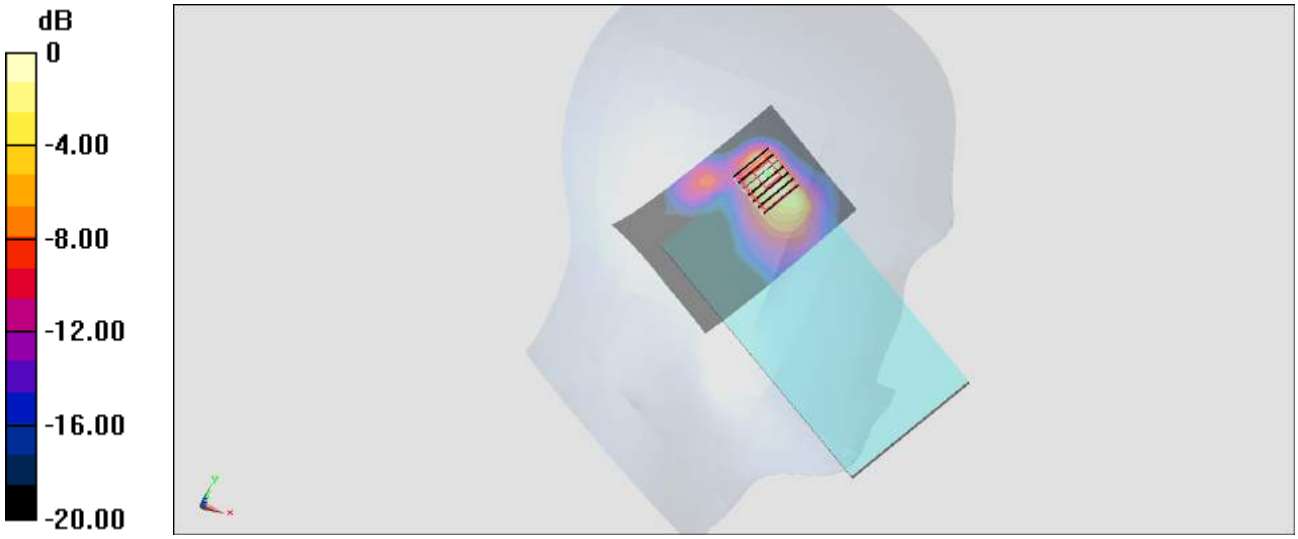
#35_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch64

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1.15
Medium: HSL_5G_180318 Medium parameters used: f = 5320 MHz; σ = 4.731 S/m; ε_r = 36.519; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.56, 5.56, 5.56); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.69 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.55 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 5.35 W/kg
SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.323 W/kg
Maximum value of SAR (measured) = 3.01 W/kg



0 dB = 3.01 W/kg = 4.79 dBW/kg

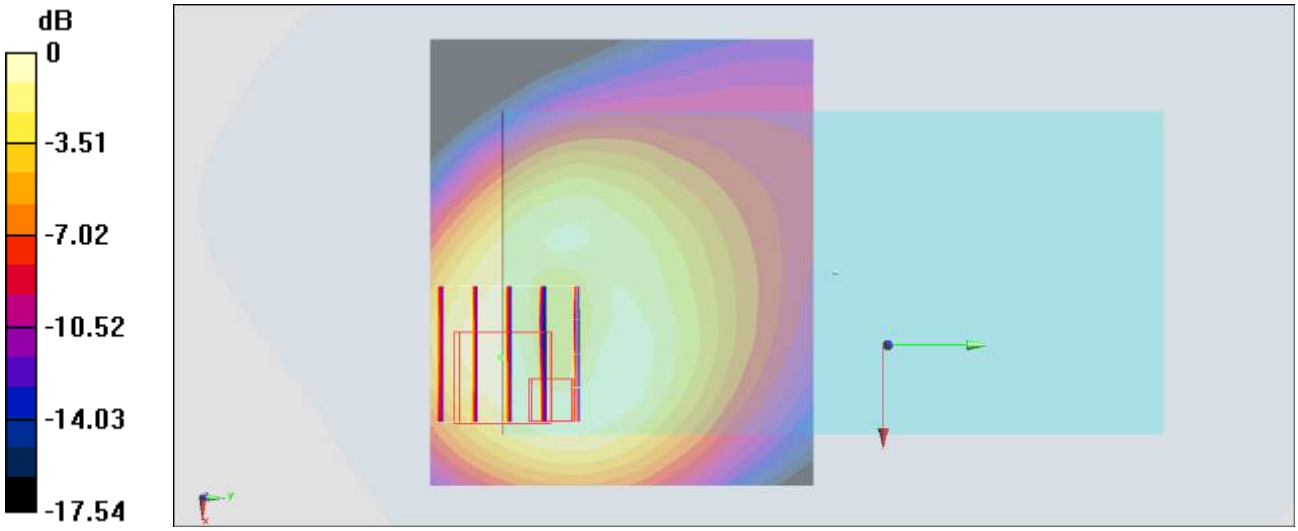
#36_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180320 Medium parameters used: f = 849 MHz; σ = 0.988 S/m; ε_r = 56.175; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): 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 = 30.02 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.417 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



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

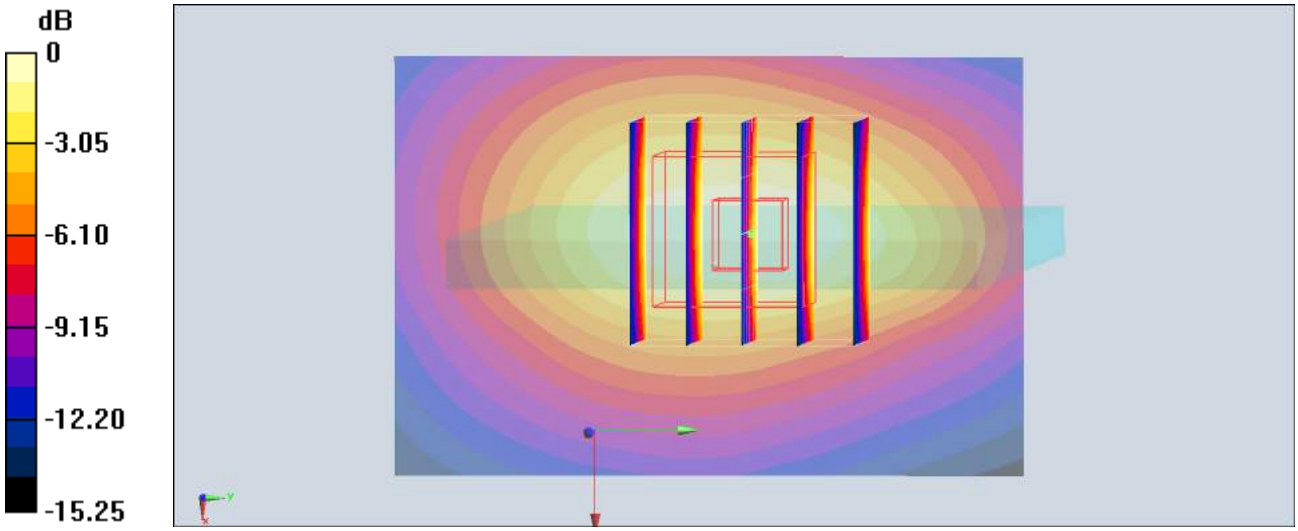
#37_LTE Band 2_20M_QPSK_1_49_Bottom Side_10mm_Ch18900

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180319 Medium parameters used: f = 1880 MHz; σ = 1.554 S/m; ε_r = 52.073; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x61x1): 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 = 29.76 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 0.995 W/kg; SAR(10 g) = 0.608 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



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

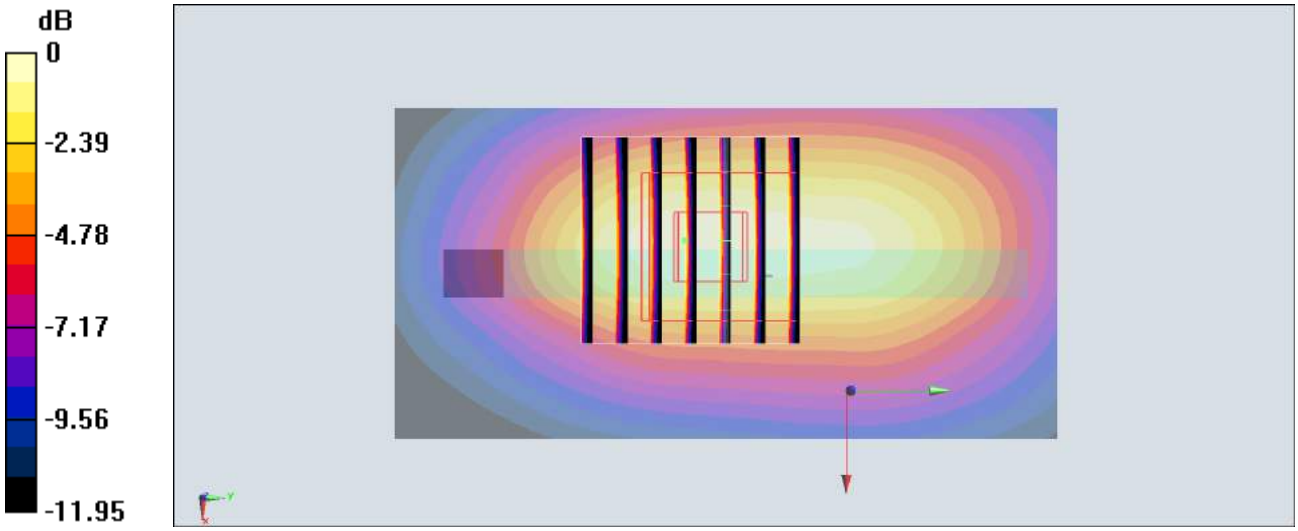
#38_LTE Band 7_20M_QPSK_1_49_Bottom Side_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180318 Medium parameters used: f = 2560 MHz; σ = 2.098 S/m; ε_r = 52.867; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.41 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.96 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.23 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.598 W/kg
Maximum value of SAR (measured) = 1.42 W/kg



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

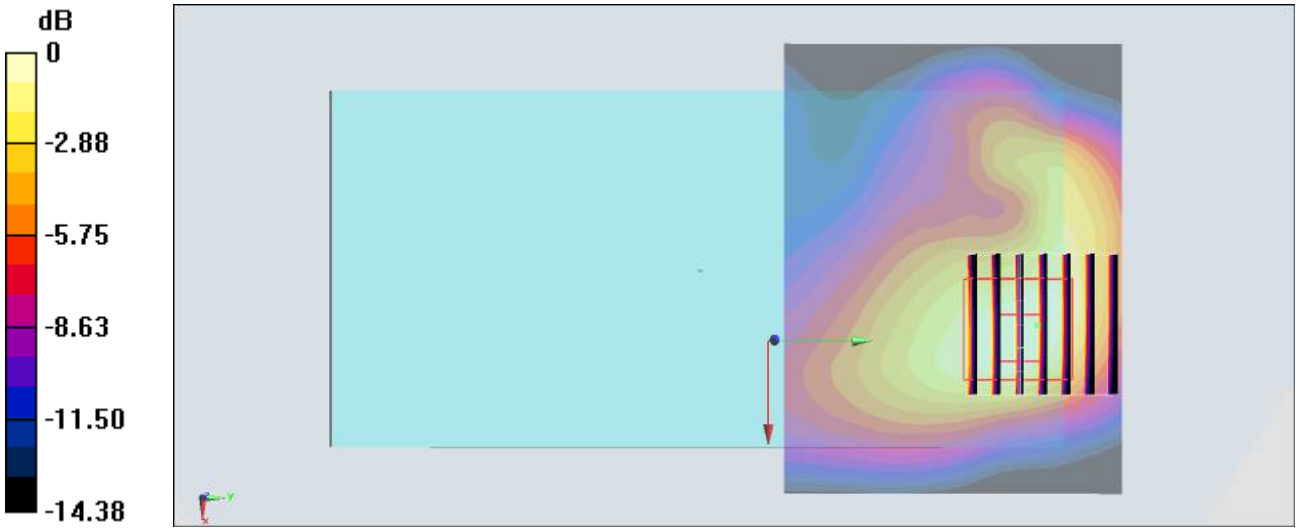
#39_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.024
Medium: MSL_2450_180318 Medium parameters used: f = 2462 MHz; σ = 1.97 S/m; ε_r = 53.197; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.263 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.06 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.423 W/kg
SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.111 W/kg
Maximum value of SAR (measured) = 0.269 W/kg



0 dB = 0.269 W/kg = -5.70 dBW/kg

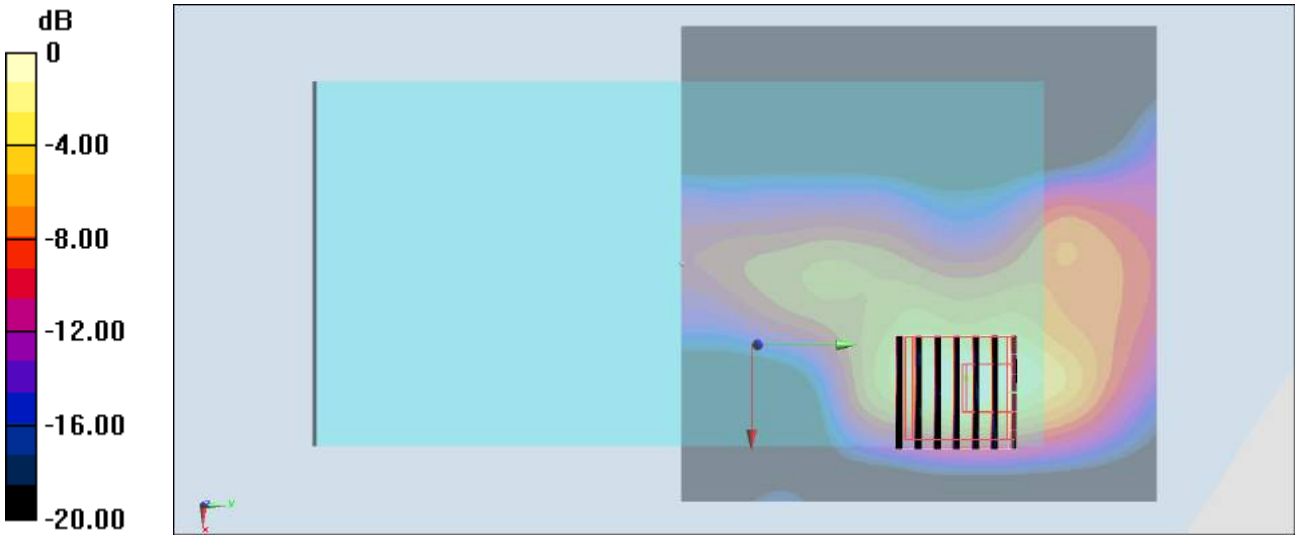
#40_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz;Duty Cycle: 1:1.15
Medium: MSL_5G_180318 Medium parameters used: f = 5300 MHz; σ = 5.441 S/m; ε_r = 48.343; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.407 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.509 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.581 W/kg
SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.386 W/kg



0 dB = 0.386 W/kg = -4.13 dBW/kg

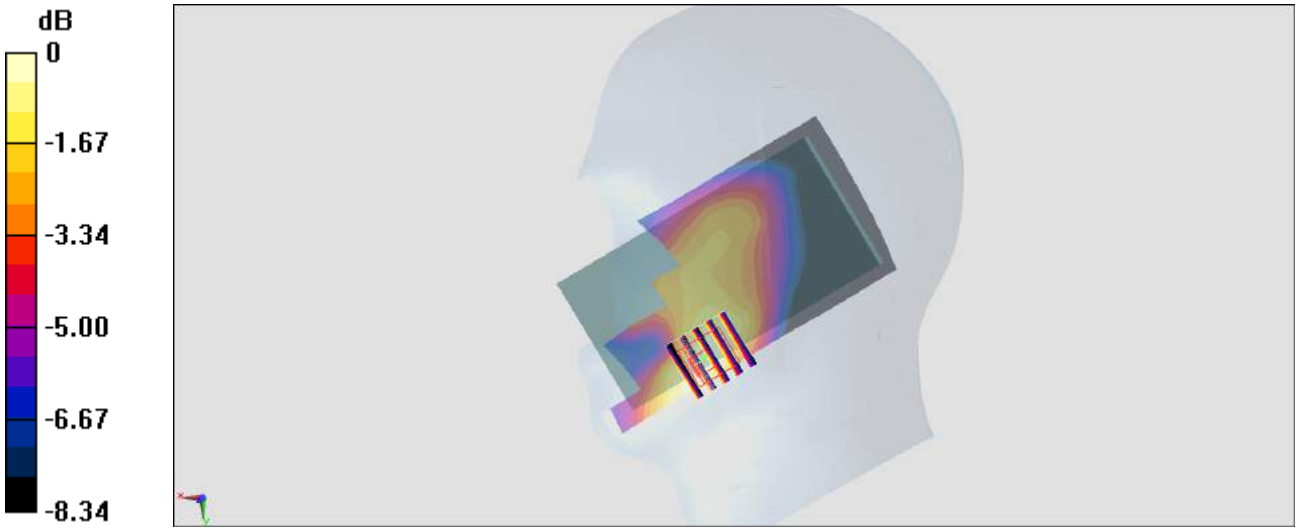
#41_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180320 Medium parameters used: f = 824.2 MHz; σ = 0.915 S/m; ε_r = 43.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.292 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.53 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.409 W/kg
SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.302 W/kg = -6.01 dBW/kg

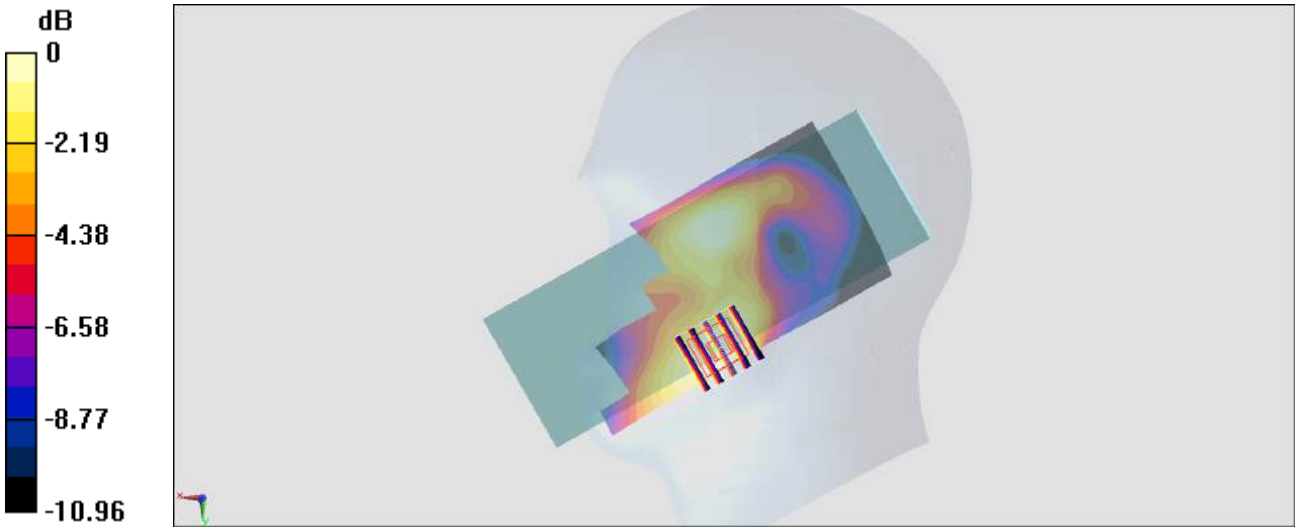
#42_LTE Band 2_20M_QPSK_1_49_Right Cheek_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180320 Medium parameters used: f = 1900 MHz; σ = 1.416 S/m; ε_r = 40.241; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.264 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.11 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.132 W/kg
Maximum value of SAR (measured) = 0.266 W/kg



0 dB = 0.266 W/kg = -4.13 dBW/kg

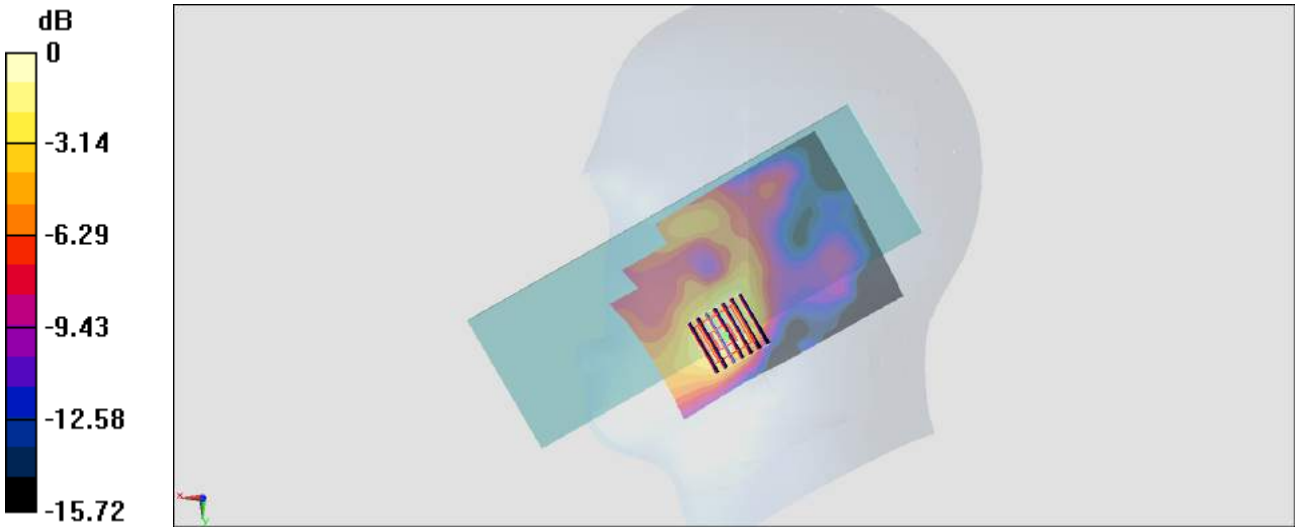
#43_LTE Band 7_20M_QPSK_1_49_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180320 Medium parameters used: f = 2560 MHz; σ = 1.91 S/m; ε_r = 39.37; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.47, 4.47, 4.47); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.480 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.72 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.750 W/kg
SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.190 W/kg
Maximum value of SAR (measured) = 0.463 W/kg



0 dB = 0.463 W/kg = -3.34 dBW/kg

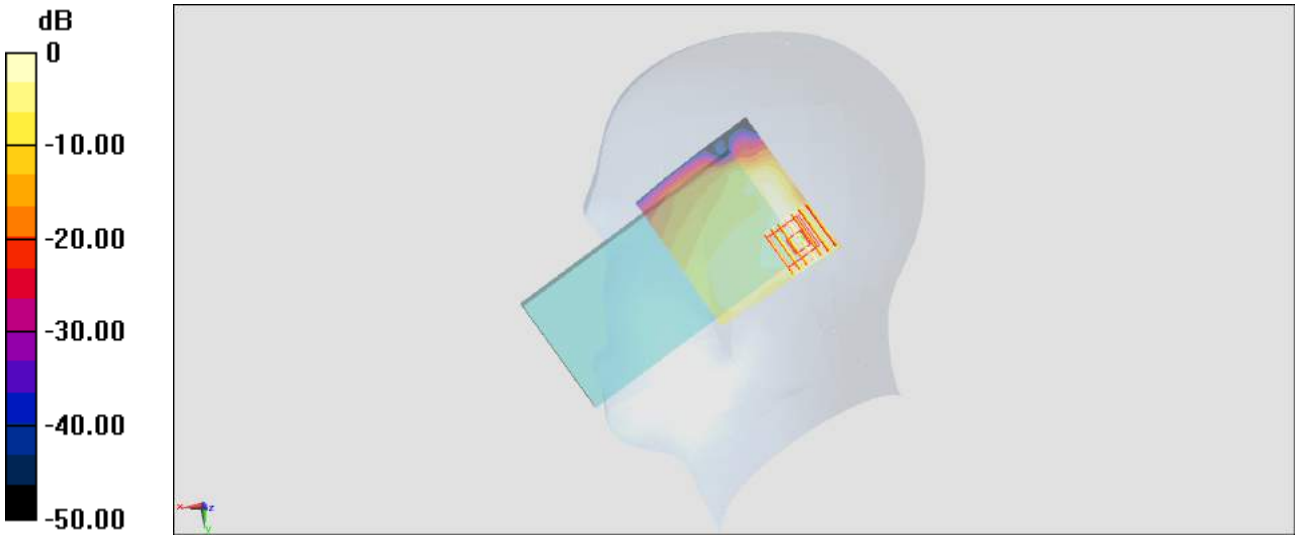
#44_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.024
Medium: HSL_2450_180321 Medium parameters used: f = 2437 MHz; σ = 1.811 S/m; ε_r = 39.93; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.15 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.271 W/kg
Maximum value of SAR (measured) = 0.926 W/kg



0 dB = 0.926 W/kg = -0.33 dBW/kg

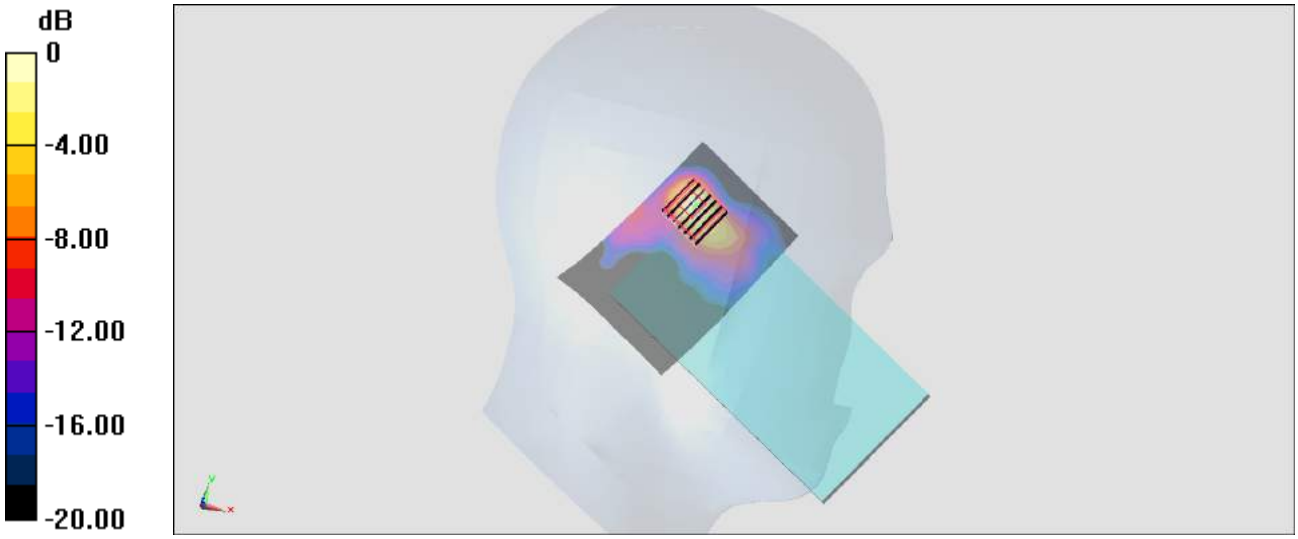
#45_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch40

Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1.150
Medium: HSL_5G_180318 Medium parameters used: f = 5200 MHz; σ = 4.611 S/m; ε_r = 36.694; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.56, 5.56, 5.56); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.15 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.03 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 4.46 W/kg
SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.248 W/kg
Maximum value of SAR (measured) = 2.43 W/kg



0 dB = 2.43 W/kg = 3.86 dBW/kg

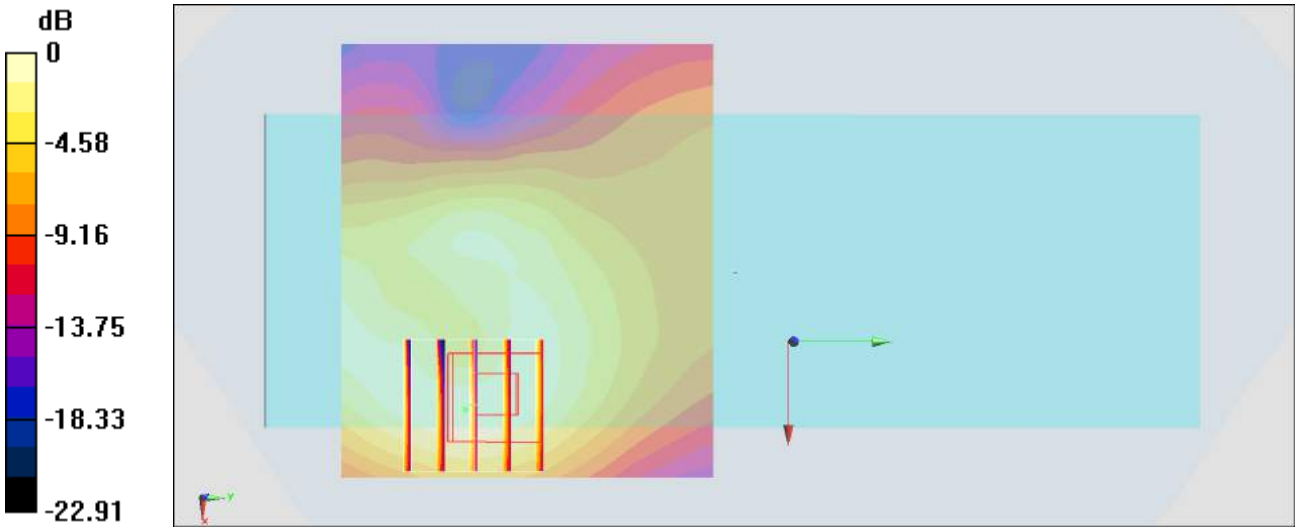
#46_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180320 Medium parameters used: f = 849 MHz; σ = 0.988 S/m; ε_r = 56.175; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.430 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.65 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.727 W/kg
SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.203 W/kg
Maximum value of SAR (measured) = 0.445 W/kg



0 dB = 0.445 W/kg = -3.52 dBW/kg

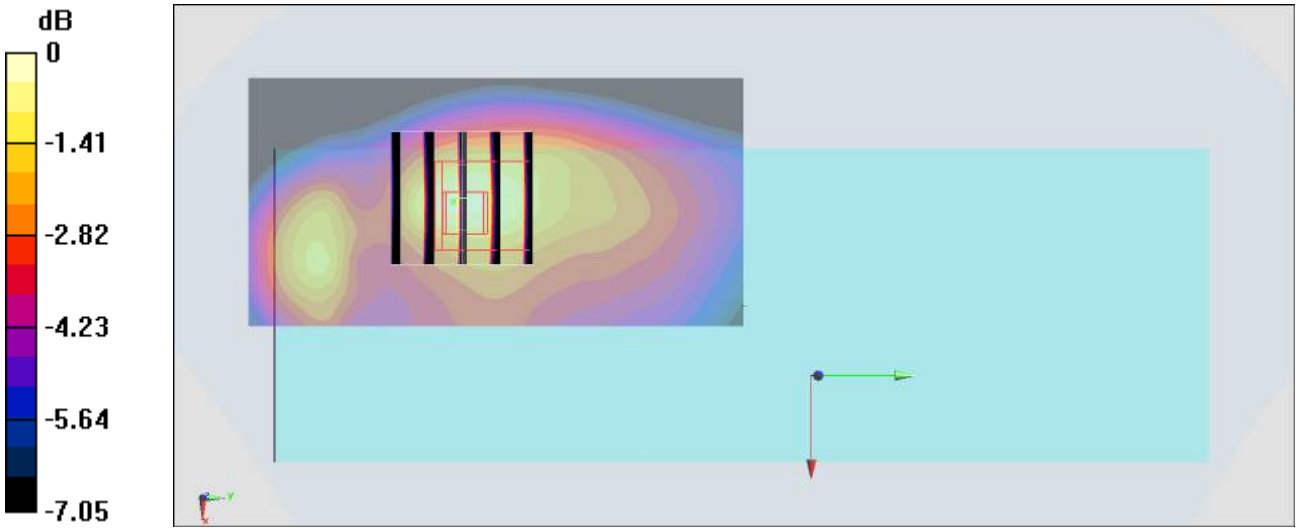
#47_LTE Band 2_20M_QPSK_1_49_Front_10mm_Ch18900

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180319 Medium parameters used: f = 1880 MHz; σ = 1.554 S/m; ε_r = 52.073; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.908 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.72 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.507 W/kg
Maximum value of SAR (measured) = 0.981 W/kg



0 dB = 0.981 W/kg = -0.08 dBW/kg

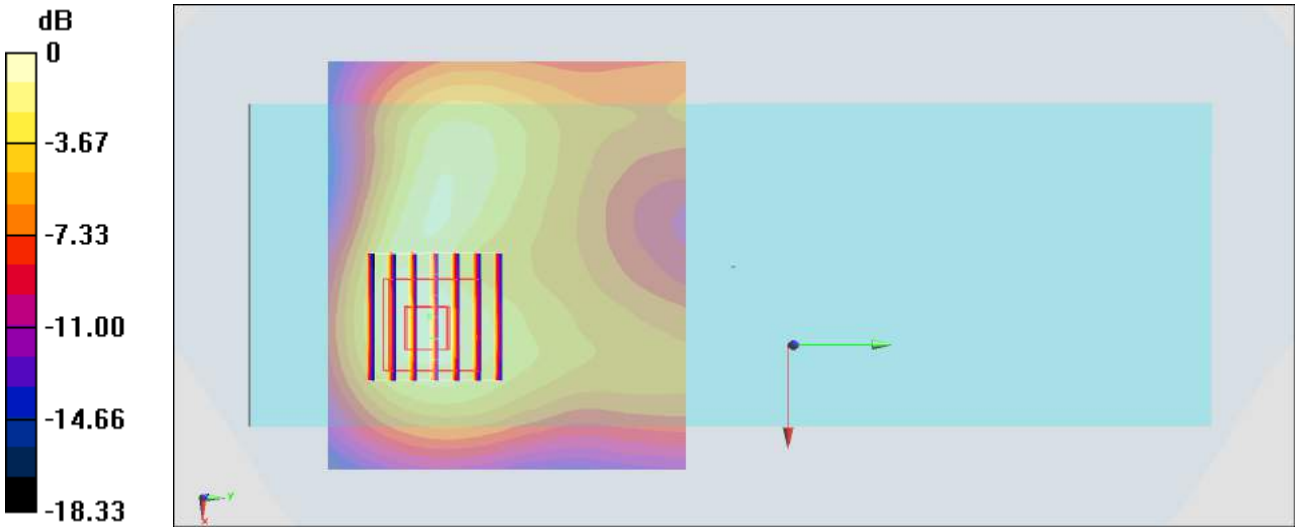
#48_LTE Band 7_20M_QPSK_1_49_Front_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180318 Medium parameters used: f = 2560 MHz; σ = 2.098 S/m; ε_r = 52.867; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.58 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.15 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.548 W/kg
Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg = 2.04 dBW/kg

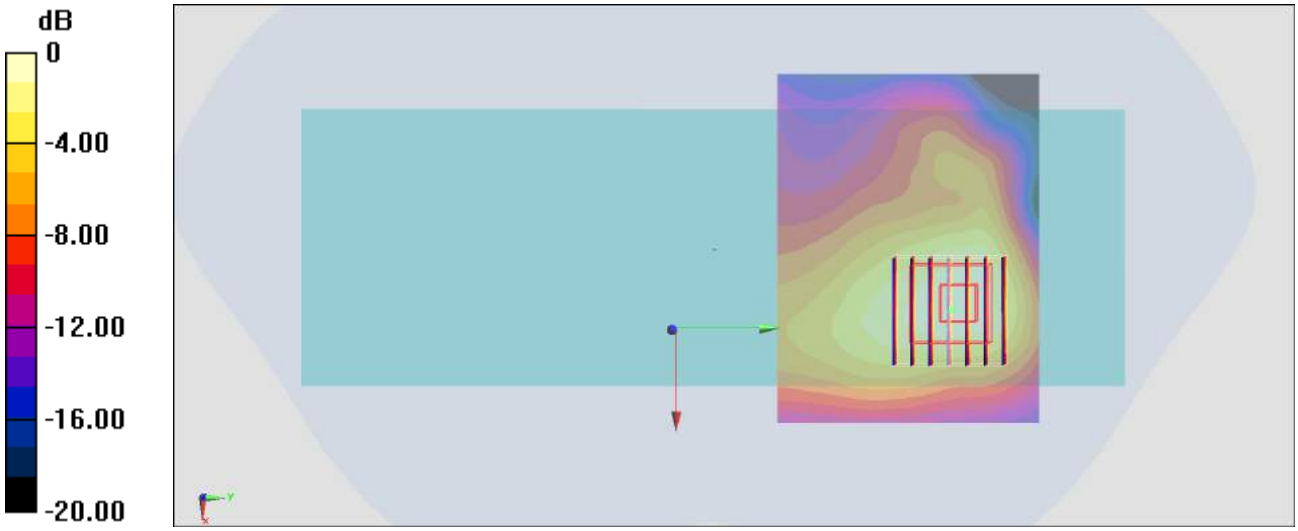
#49_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.024
Medium: MSL_2450_180318 Medium parameters used: f = 2462 MHz; σ = 1.97 S/m; ε_r = 53.197; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.384 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.23 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.123 W/kg
Maximum value of SAR (measured) = 0.393 W/kg



0 dB = 0.393 W/kg = -4.06 dBW/kg

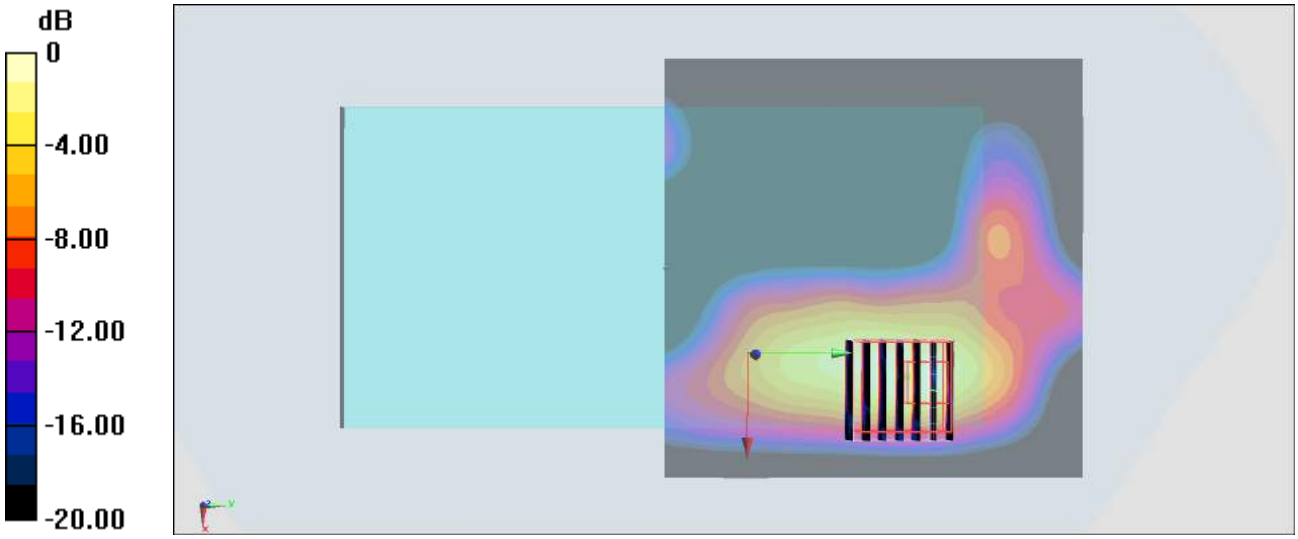
#50_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz;Duty Cycle: 1:1.15
Medium: MSL_5G_180318 Medium parameters used: f = 5300 MHz; σ = 5.441 S/m; ε_r = 48.343; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.370 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.596 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.738 W/kg
SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.309 W/kg



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

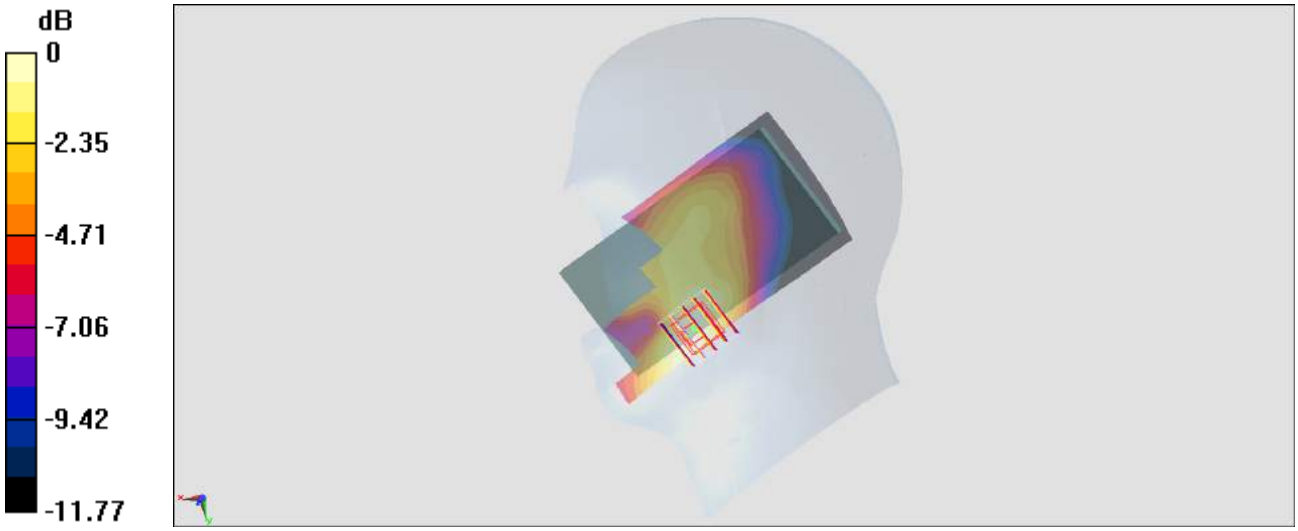
#51_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180320 Medium parameters used: f = 824.2 MHz; σ = 0.915 S/m; ε_r = 43.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.320 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.96 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.409 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.194 W/kg
Maximum value of SAR (measured) = 0.324 W/kg



0 dB = 0.324 W/kg = -4.89 dBW/kg

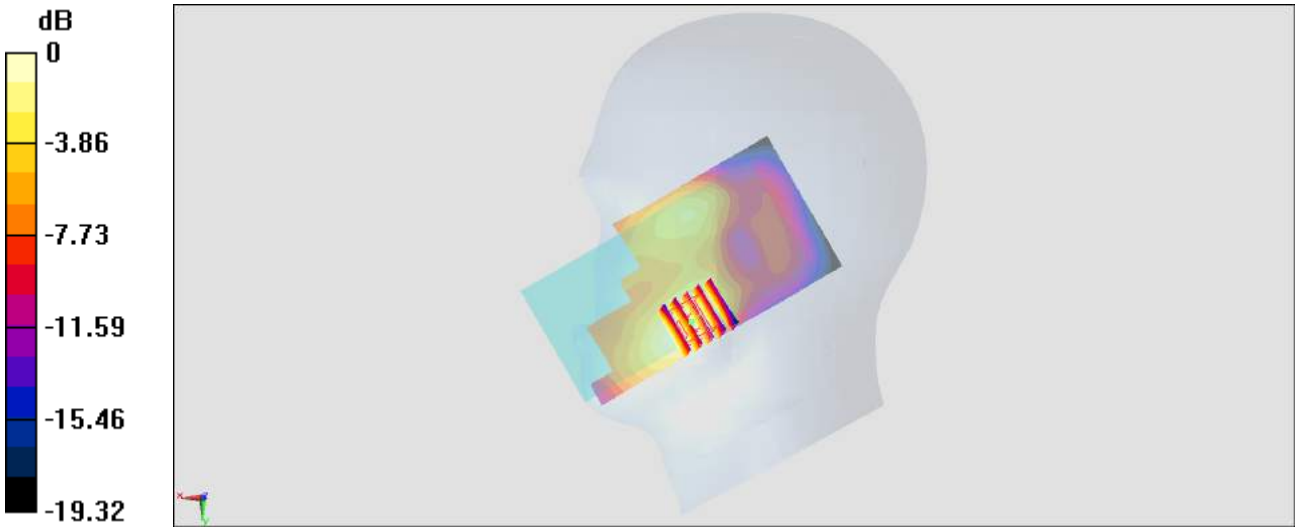
#52_LTE Band 2_20M_QPSK_1_49_Right Cheek_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180320 Medium parameters used: f = 1900 MHz; σ = 1.416 S/m; ε_r = 40.241; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.381 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.61 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.483 W/kg
SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.194 W/kg
Maximum value of SAR (measured) = 0.375 W/kg



0 dB = 0.375 W/kg = -4.26 dBW/kg

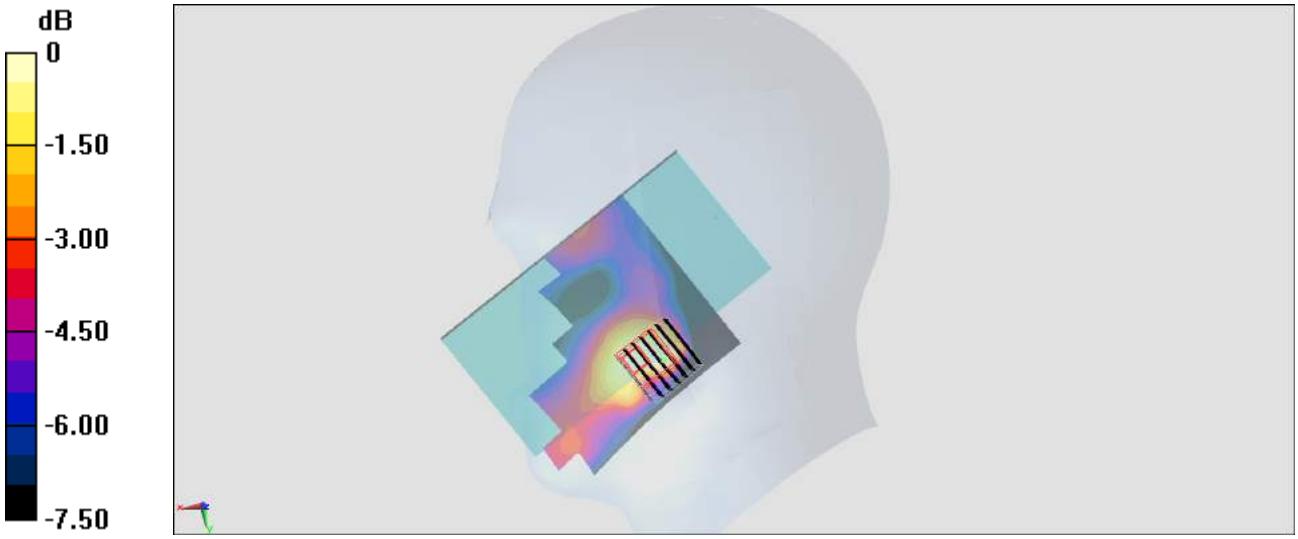
#53_LTE Band 7_20M_QPSK_1_49_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180321 Medium parameters used: f = 2560 MHz; σ = 1.952 S/m; ε_r = 39.451; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.489 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.15 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.578 W/kg
SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.474 W/kg



0 dB = 0.474 W/kg = -3.24 dBW/kg

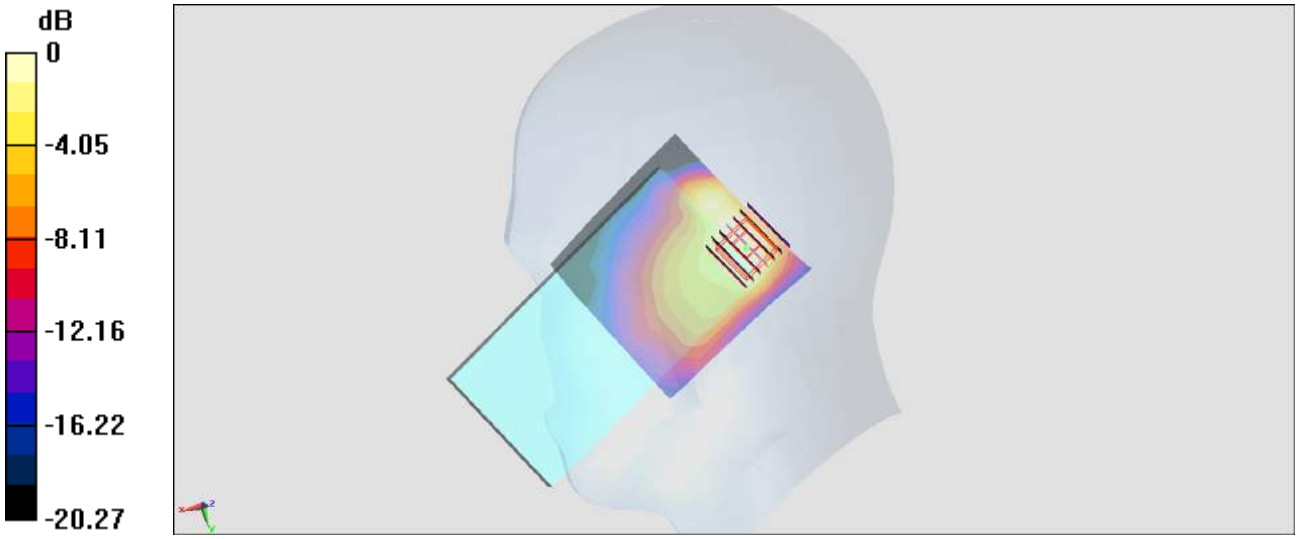
#54_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.024
Medium: HSL_2450_180321 Medium parameters used: f = 2437 MHz; σ = 1.811 S/m; ε_r = 39.93; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.37 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.273 W/kg
Maximum value of SAR (measured) = 0.958 W/kg



0 dB = 0.958 W/kg = -0.19 dBW/kg

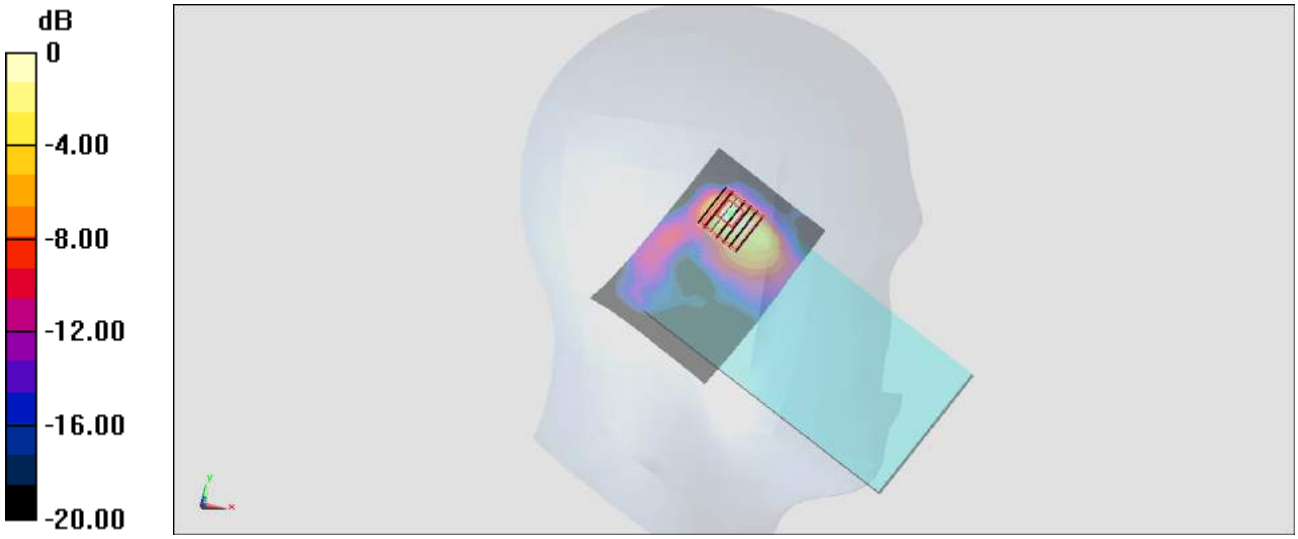
#55_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch100

Communication System: 802.11a; Frequency: 5500 MHz;Duty Cycle: 1:1.15
Medium: HSL_5G_180318 Medium parameters used: f = 5500 MHz; σ = 4.908 S/m; ε_r = 36.274; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.97, 4.97, 4.97); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.56 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.73 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 4.70 W/kg
SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.283 W/kg
Maximum value of SAR (measured) = 2.57 W/kg



0 dB = 2.57 W/kg = 4.10 dBW/kg

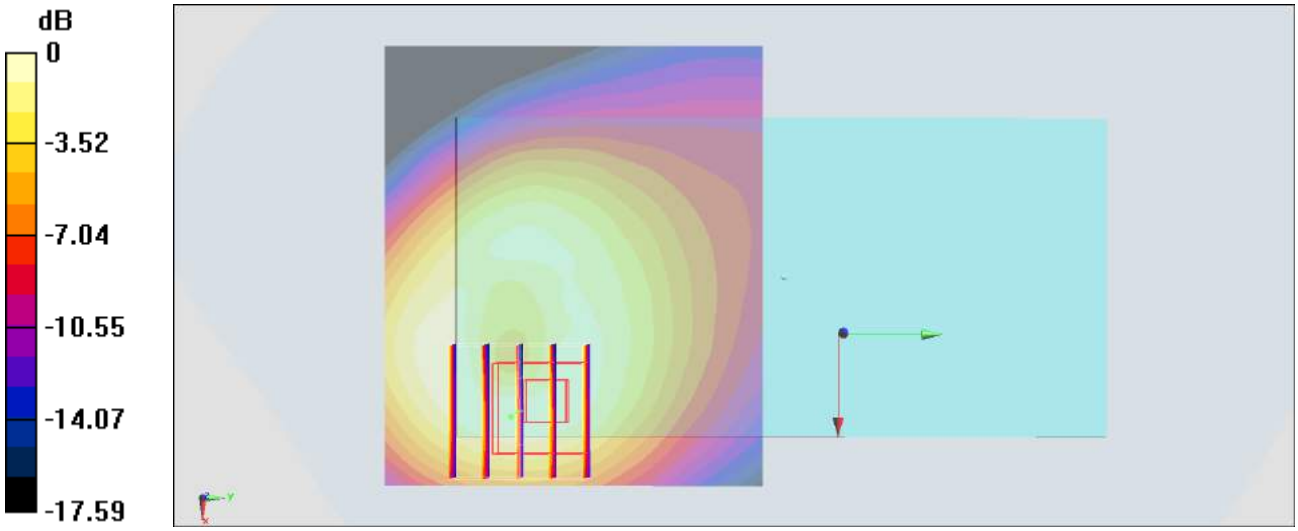
#56_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180320 Medium parameters used: f = 849 MHz; σ = 0.988 S/m; ε_r = 56.175; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.804 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.83 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.366 W/kg
Maximum value of SAR (measured) = 0.817 W/kg



0 dB = 0.817 W/kg = -0.88 dBW/kg

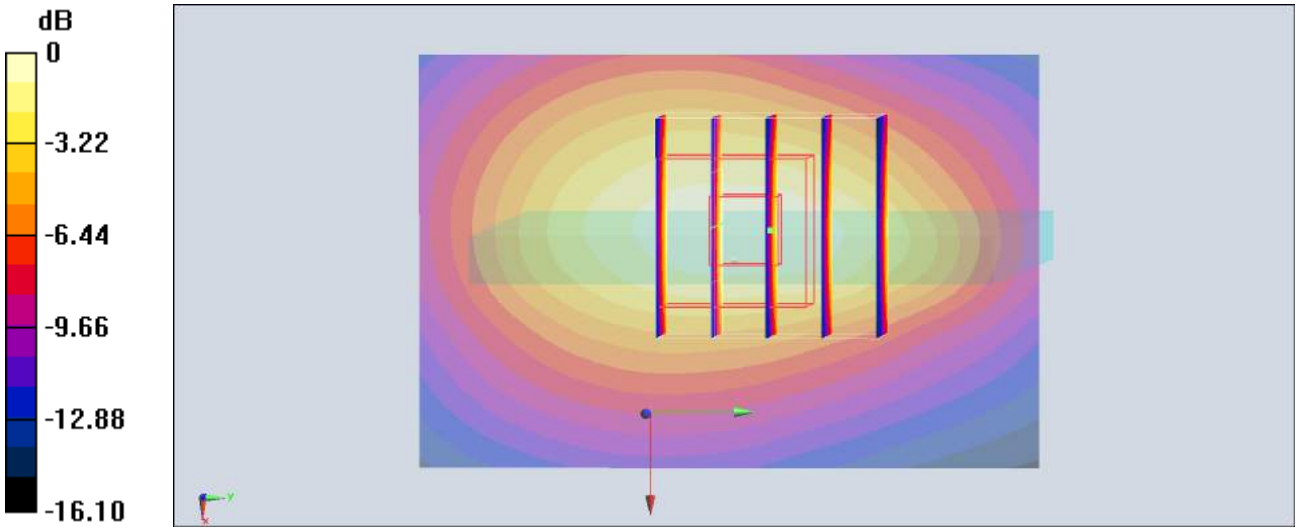
#57_LTE Band 2_20M_QPSK_1_49_Bottom Side_10mm_Ch18900

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180319 Medium parameters used: f = 1880 MHz; σ = 1.554 S/m; ε_r = 52.073; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x61x1): 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 = 29.95 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.25 W/kg
SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.516 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

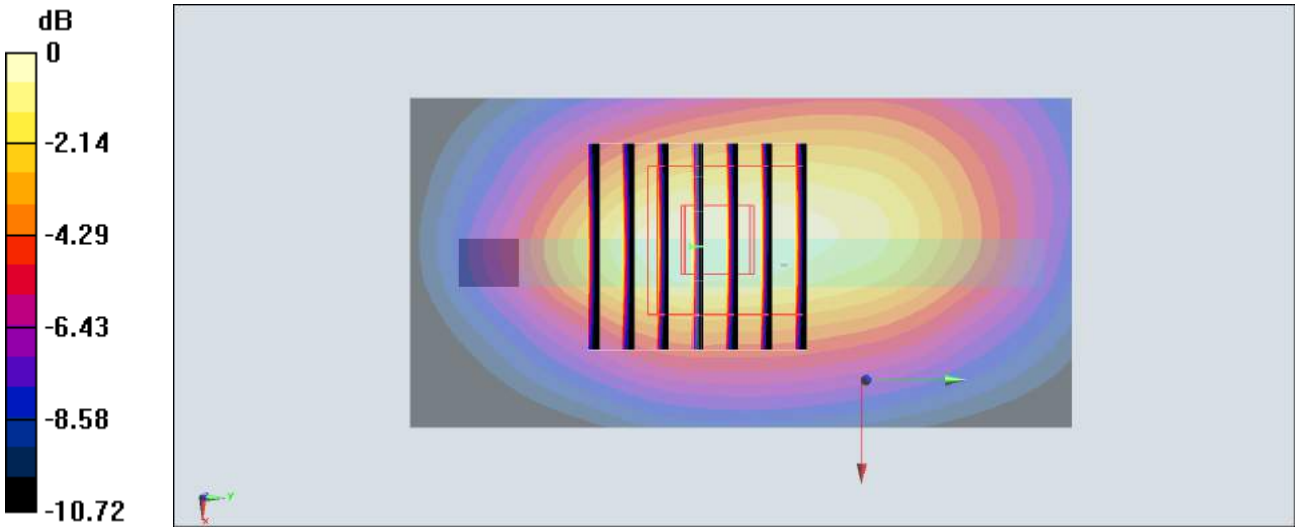
#58_LTE Band 7_20M_QPSK_1_49_Bottom Side_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180318 Medium parameters used: f = 2560 MHz; σ = 2.098 S/m; ε_r = 52.867; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.29 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.35 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.543 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

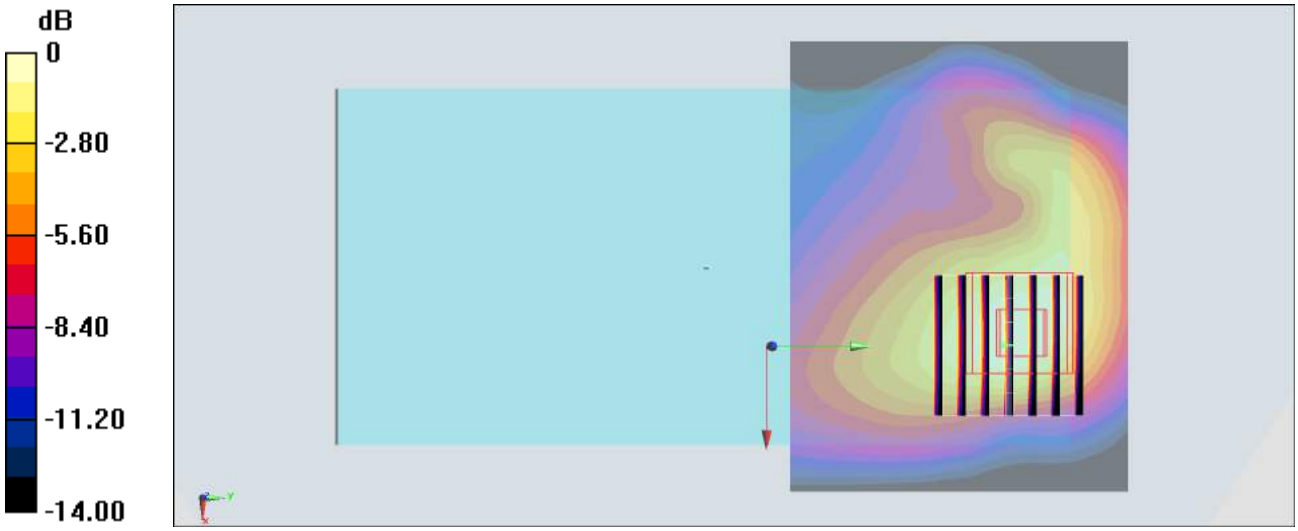
#9_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.024
Medium: MSL_2450_180318 Medium parameters used: f = 2462 MHz; σ = 1.97 S/m; ε_r = 53.197; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.239 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.76 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.383 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.099 W/kg
Maximum value of SAR (measured) = 0.243 W/kg



0 dB = 0.243 W/kg = -6.14 dBW/kg

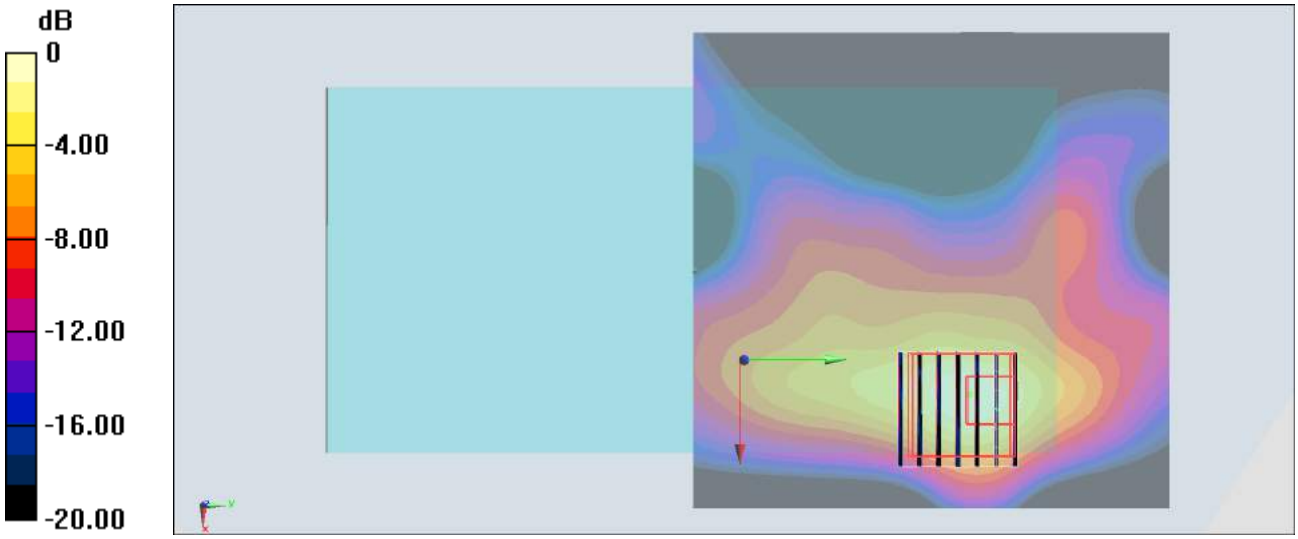
#60_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz;Duty Cycle: 1:1.15
Medium: MSL_5G_180321 Medium parameters used: f = 5300 MHz; σ = 5.406 S/m; ε_r = 47.596; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.331 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.841 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.539 W/kg
SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.329 W/kg



0 dB = 0.329 W/kg = -4.83 dBW/kg

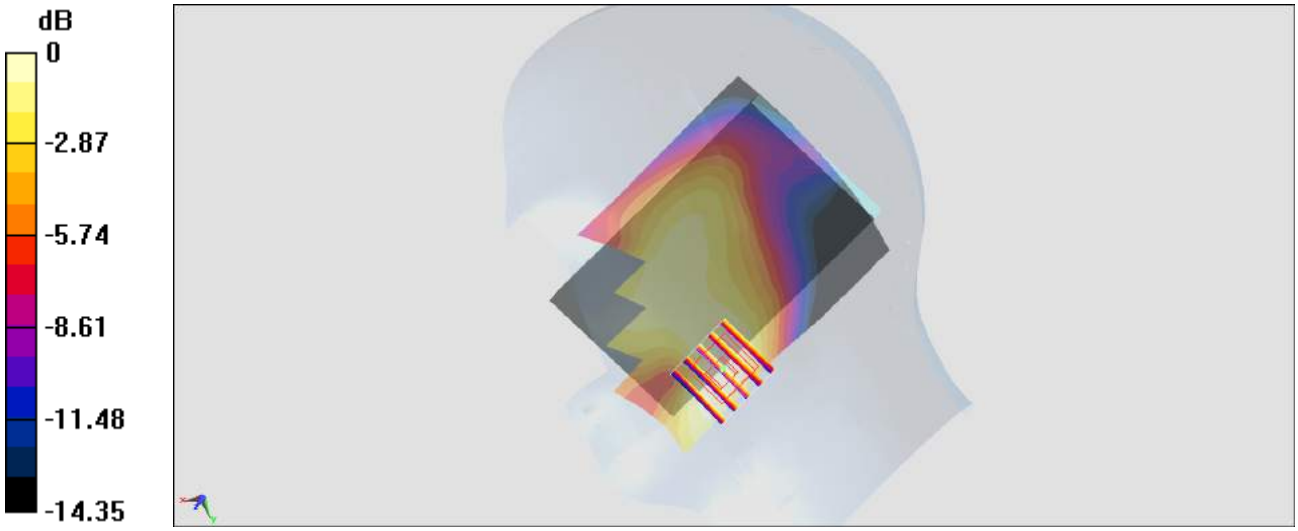
#61_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180327 Medium parameters used : f = 824.2 MHz; σ = 0.87 S/m; ε_r = 42.292; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.278 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.03 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.165 W/kg
Maximum value of SAR (measured) = 0.274 W/kg



0 dB = 0.274 W/kg = -5.62 dBW/kg

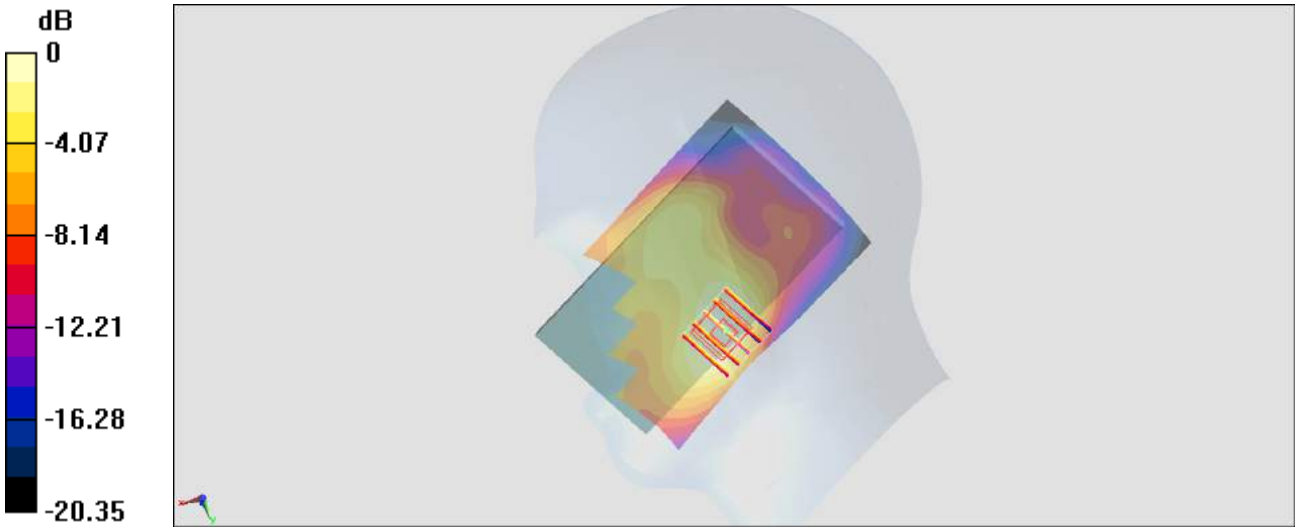
#62_LTE Band 2_20M_QPSK_1_49_Right Cheek_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180327 Medium parameters used: f = 1900 MHz; σ = 1.449 S/m; ε_r = 39.311; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.317 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.54 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.411 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.166 W/kg
Maximum value of SAR (measured) = 0.324 W/kg



0 dB = 0.324 W/kg = -4.89 dBW/kg

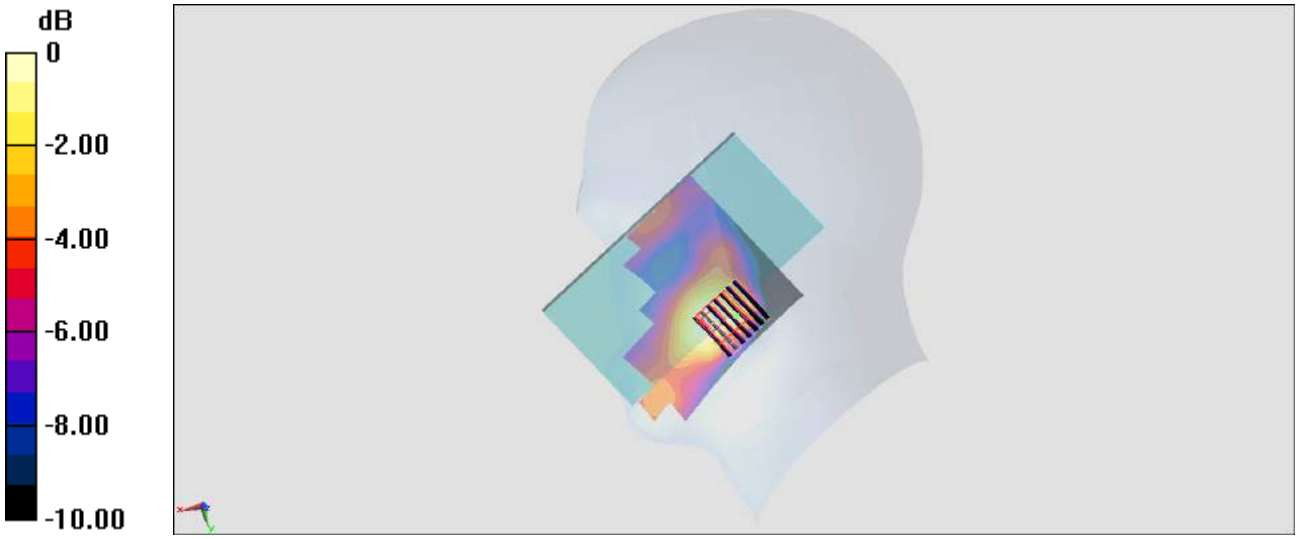
#63_LTE Band 7_20M_QPSK_1_49_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180325 Medium parameters used: f = 2560 MHz; σ = 1.949 S/m; ε_r = 39.511; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.541 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.96 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.199 W/kg
Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.508 W/kg = -2.94 dBW/kg

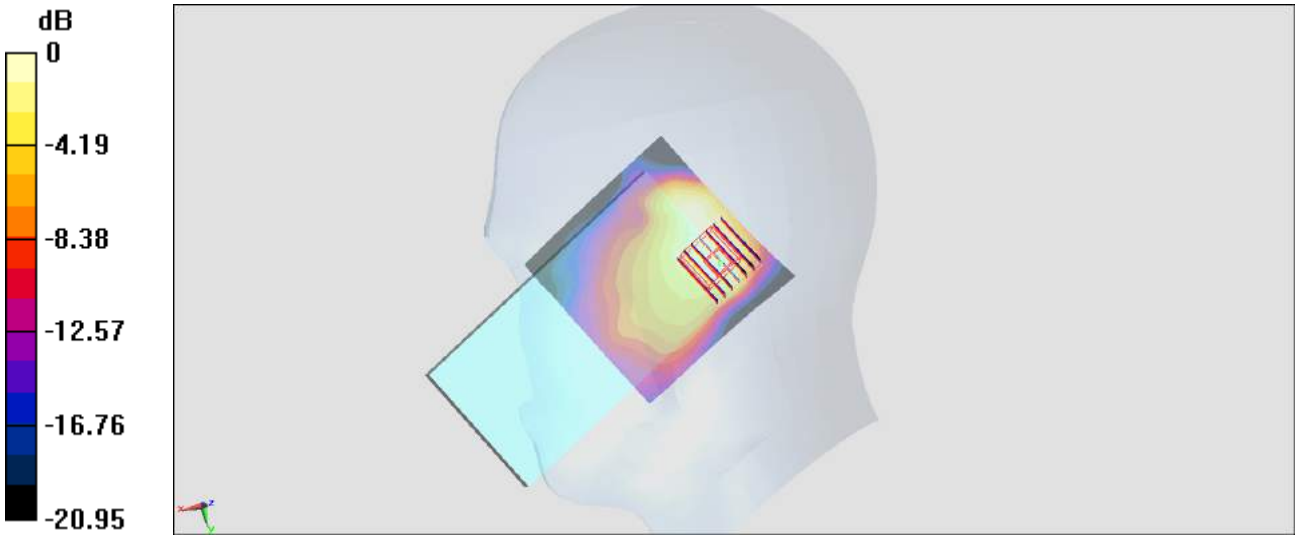
#64_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.024
Medium: HSL_2450_180325 Medium parameters used: f = 2437 MHz; σ = 1.808 S/m; ε_r = 39.99; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.648 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.83 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.761 W/kg
SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.231 W/kg
Maximum value of SAR (measured) = 0.605 W/kg



0 dB = 0.605 W/kg = -2.18 dBW/kg

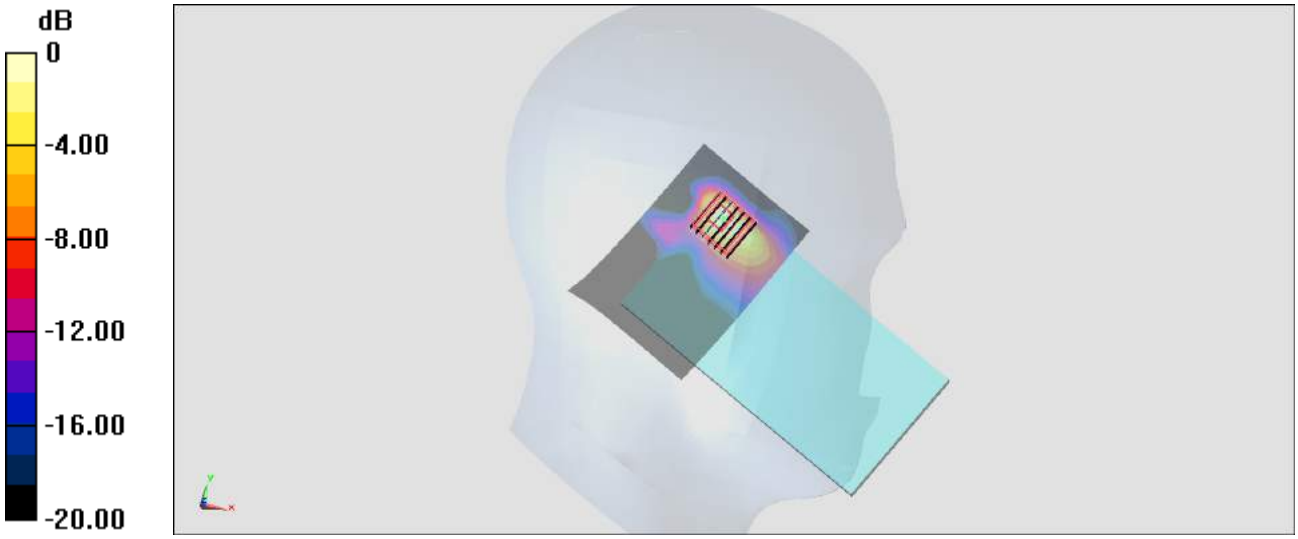
#65_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch40

Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1.15
Medium: HSL_5G_180327 Medium parameters used: f = 5200 MHz; σ = 4.638 S/m; ε_r = 36.172; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.56, 5.56, 5.56); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.62 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.47 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 4.01 W/kg
SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.252 W/kg
Maximum value of SAR (measured) = 2.25 W/kg



0 dB = 2.25 W/kg = 3.52 dBW/kg

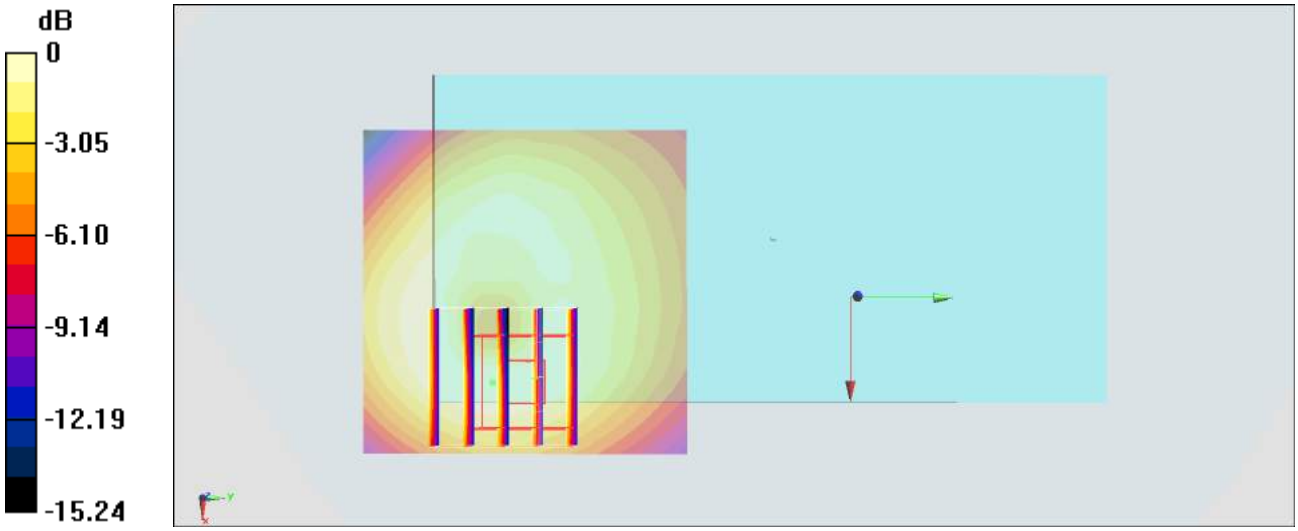
#66_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180324 Medium parameters used: f = 849 MHz; σ = 1.014 S/m; ε_r = 56.765; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.914 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.57 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.427 W/kg
Maximum value of SAR (measured) = 0.897 W/kg



0 dB = 0.897 W/kg = -0.47 dBW/kg

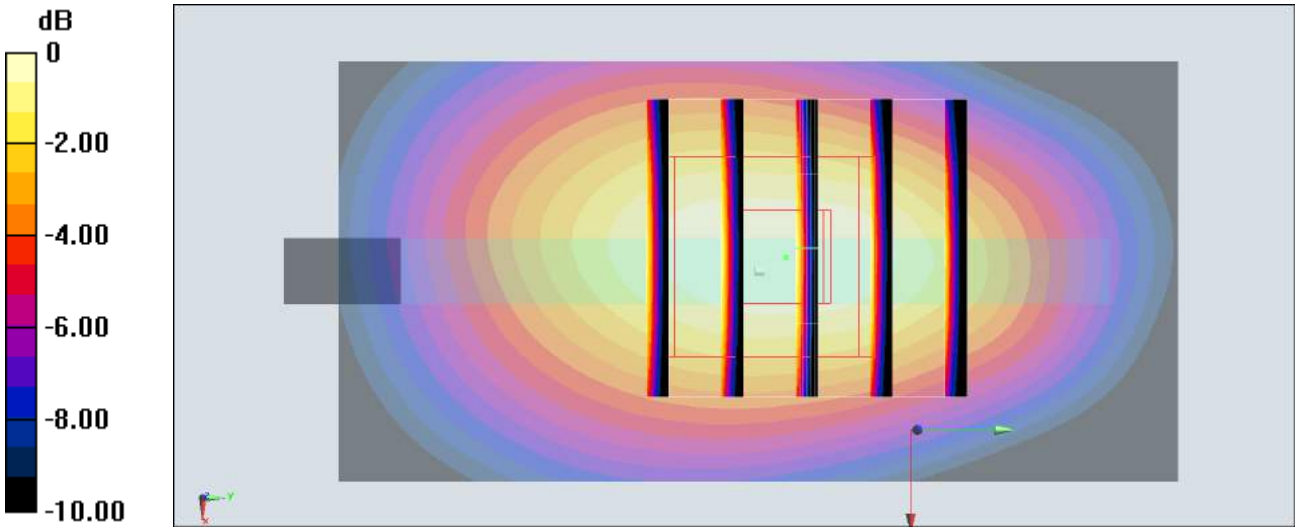
#67_LTE Band 2_20M_QPSK_1_49_Bottom Side_10mm_Ch18900

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180324 Medium parameters used: f = 1880 MHz; σ = 1.533 S/m; ε_r = 53.962; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (31x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.92 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.541 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

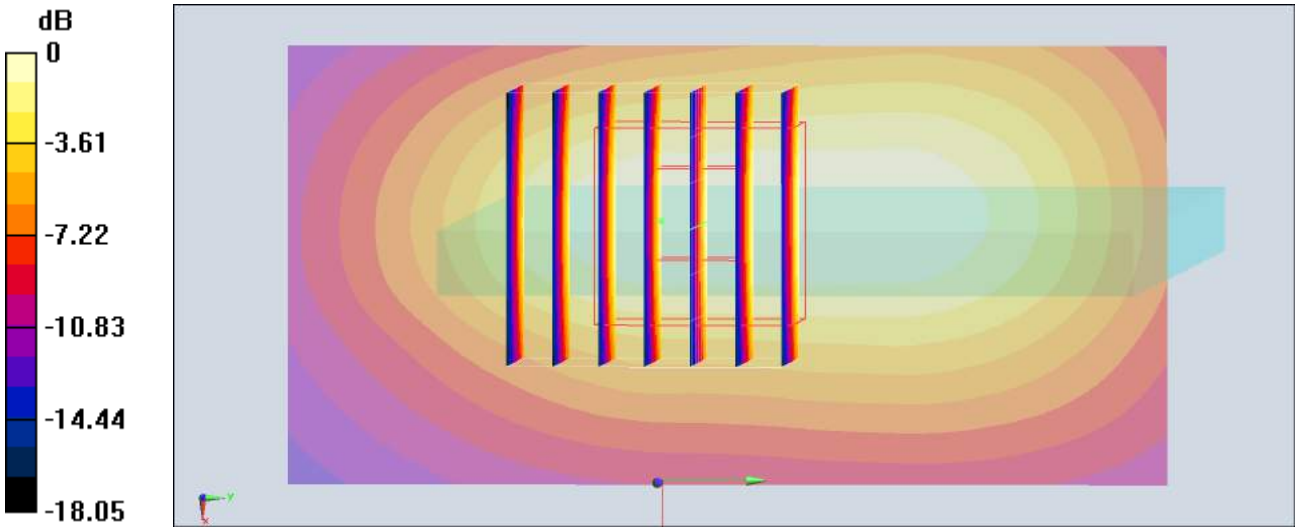
#68_LTE Band 7_20M_QPSK_1_49_Bottom Side_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180324 Medium parameters used: f = 2560 MHz; σ = 2.087 S/m; ε_r = 51.478; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.76 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.994 W/kg; SAR(10 g) = 0.529 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



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

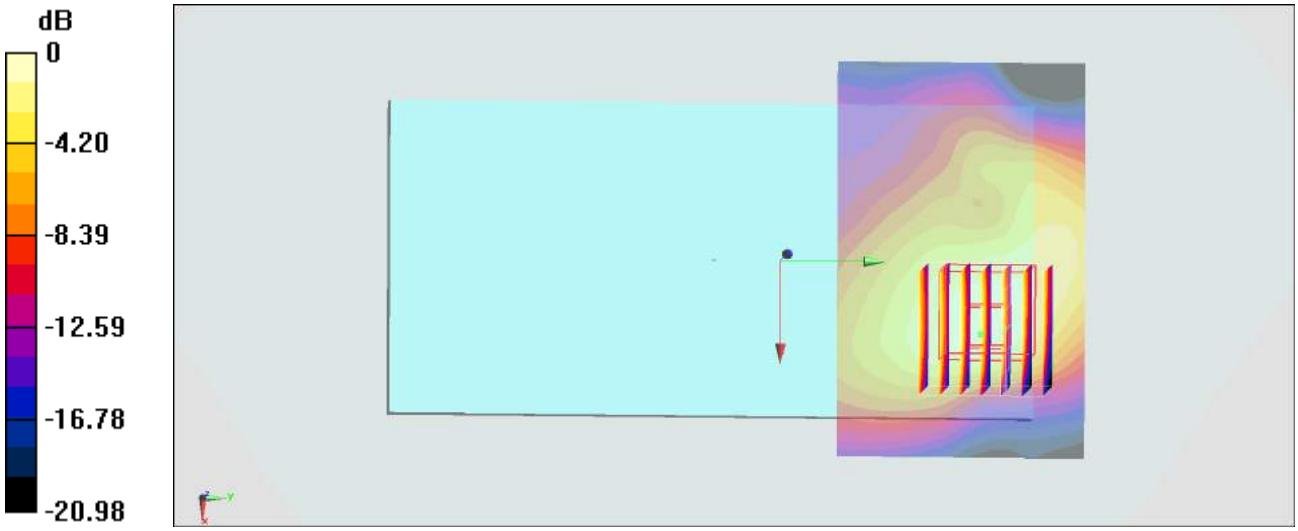
#69_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.024
Medium: MSL_2450_180326 Medium parameters used: f = 2462 MHz; σ = 1.996 S/m; ε_r = 51.187; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.324 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.87 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.462 W/kg
SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.322 W/kg



0 dB = 0.322 W/kg = -4.92 dBW/kg

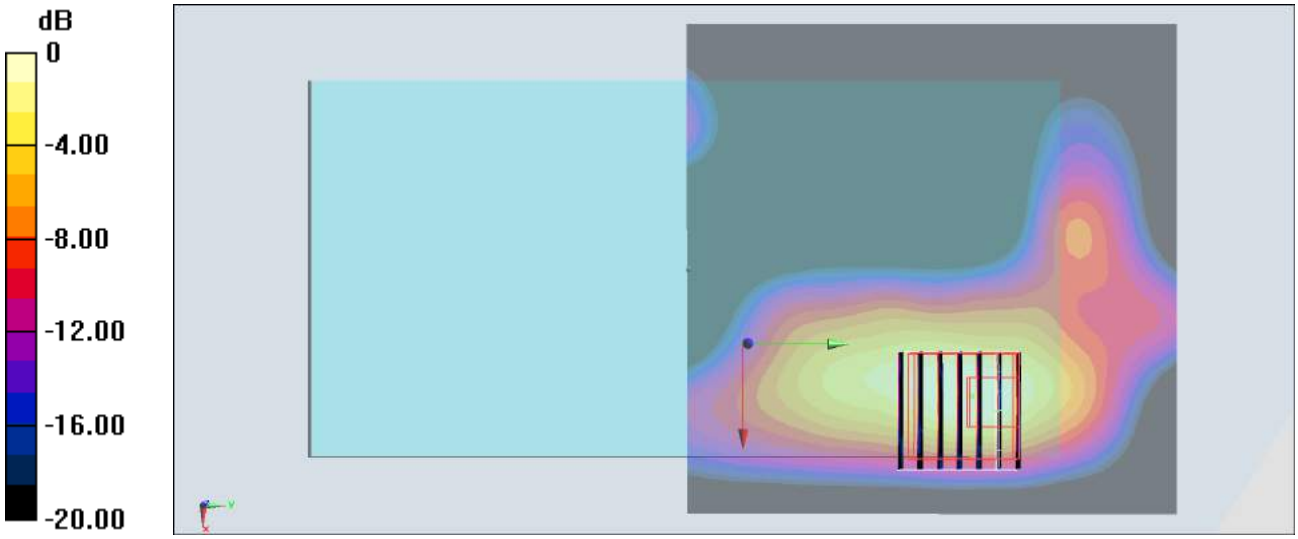
#70_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz;Duty Cycle: 1:1.15
Medium: MSL_5G_180327 Medium parameters used: f = 5300 MHz; σ = 5.553 S/m; ε_r = 48.057; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.377 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.596 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.753 W/kg
SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.047 W/kg
Maximum value of SAR (measured) = 0.316 W/kg



0 dB = 0.316 W/kg = -5.00 dBW/kg

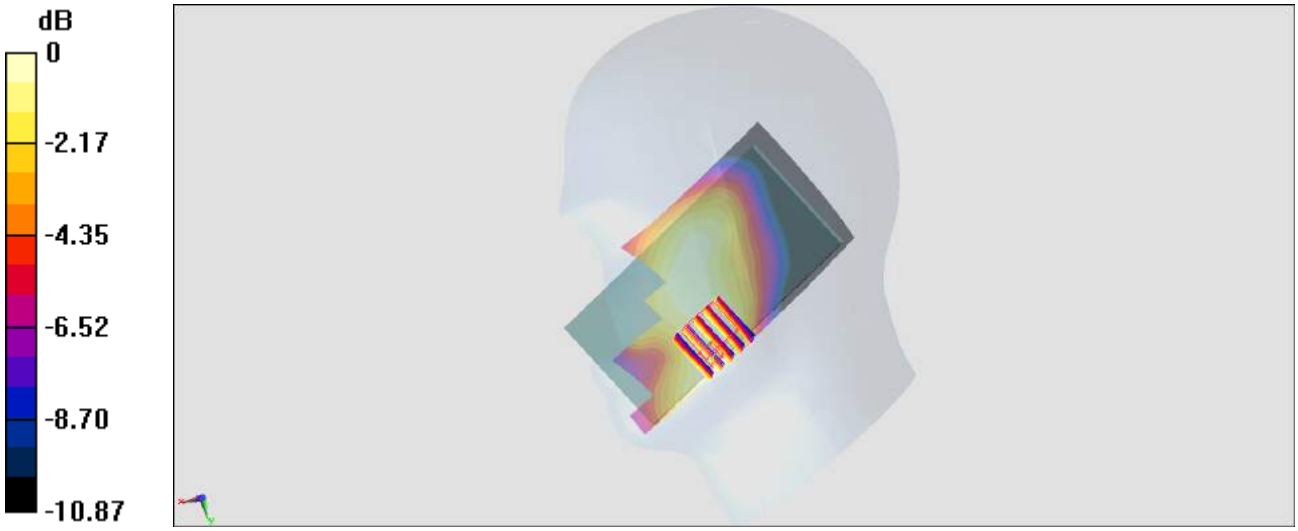
#71_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180317 Medium parameters used : f = 824.2 MHz; σ = 0.885 S/m; ε_r = 43.45; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0983 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.46 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.0989 W/kg



0 dB = 0.0989 W/kg = -10.05 dBW/kg

#72_LTE Band 2_20M_QPSK_1_0_Right Cheek_Ch19100

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180317 Medium parameters used: f = 1900 MHz; σ = 1.432 S/m; ε_r = 41.123; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.316 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.96 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.395 W/kg
SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.158 W/kg
Maximum value of SAR (measured) = 0.305 W/kg

0 dB = 0.305 W/kg = -5.16 dBW/kg

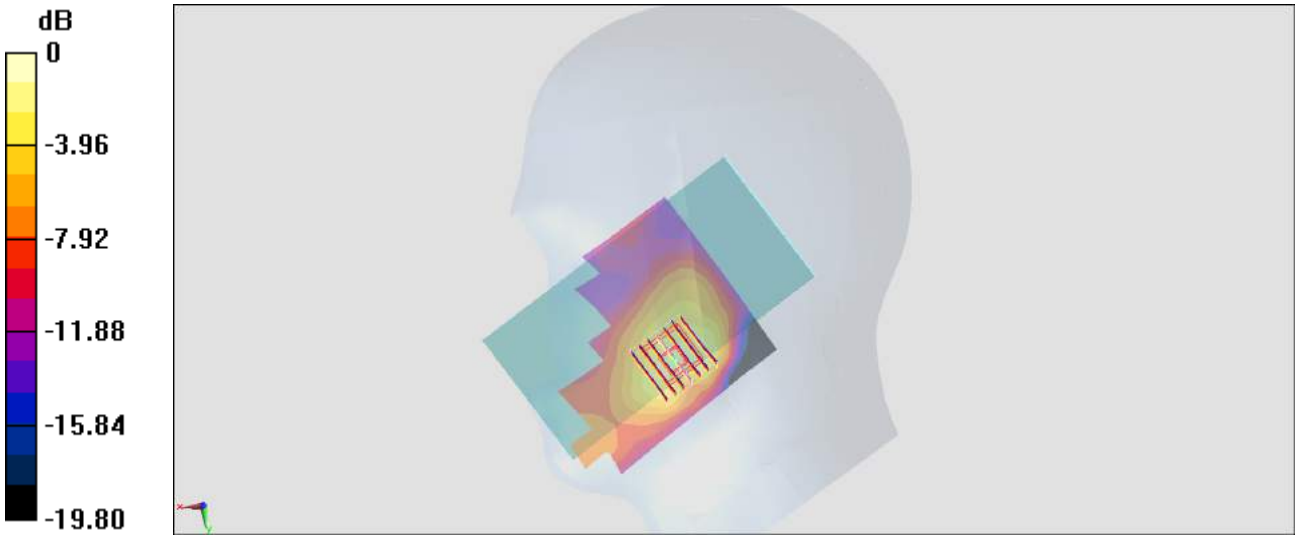
#73_LTE Band 7_20M_QPSK_1_0_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2450_180315 Medium parameters used: f = 2560 MHz; σ = 1.986 S/m; ε_r = 39.351; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.323 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.979 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.579 W/kg
SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.180 W/kg
Maximum value of SAR (measured) = 0.479 W/kg



0 dB = 0.479 W/kg = -3.20 dBW/kg

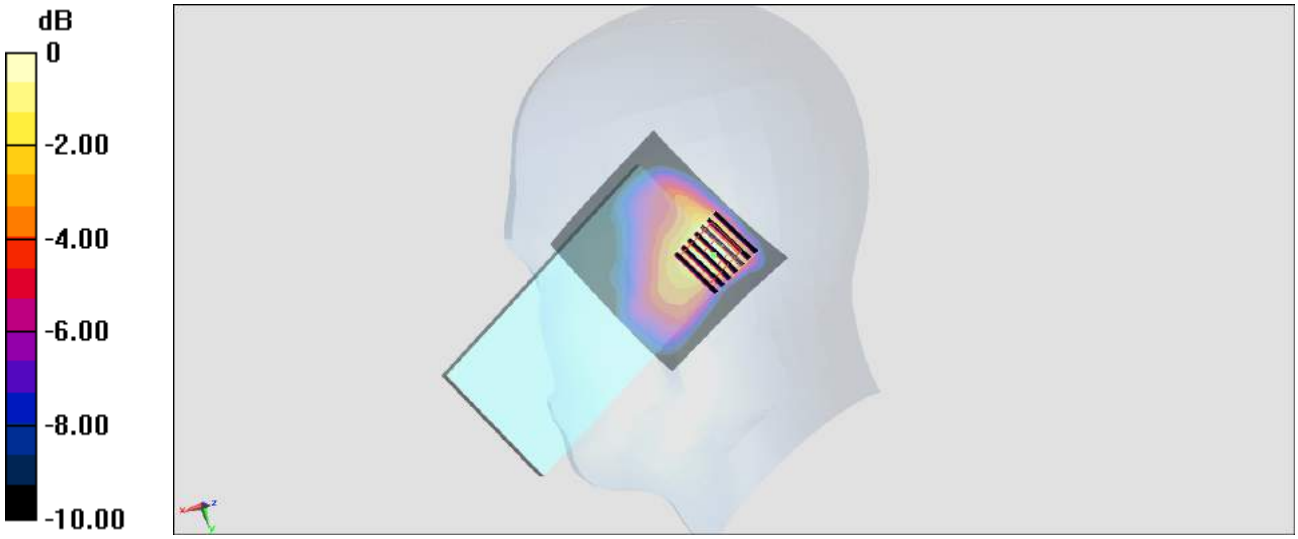
#74_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch1;Ant 1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_180315 Medium parameters used: f = 2412 MHz; σ = 1.815 S/m; ε_r = 39.941; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.392 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.19 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.454 W/kg
SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.374 W/kg



0 dB = 0.374 W/kg = -4.27 dBW/kg

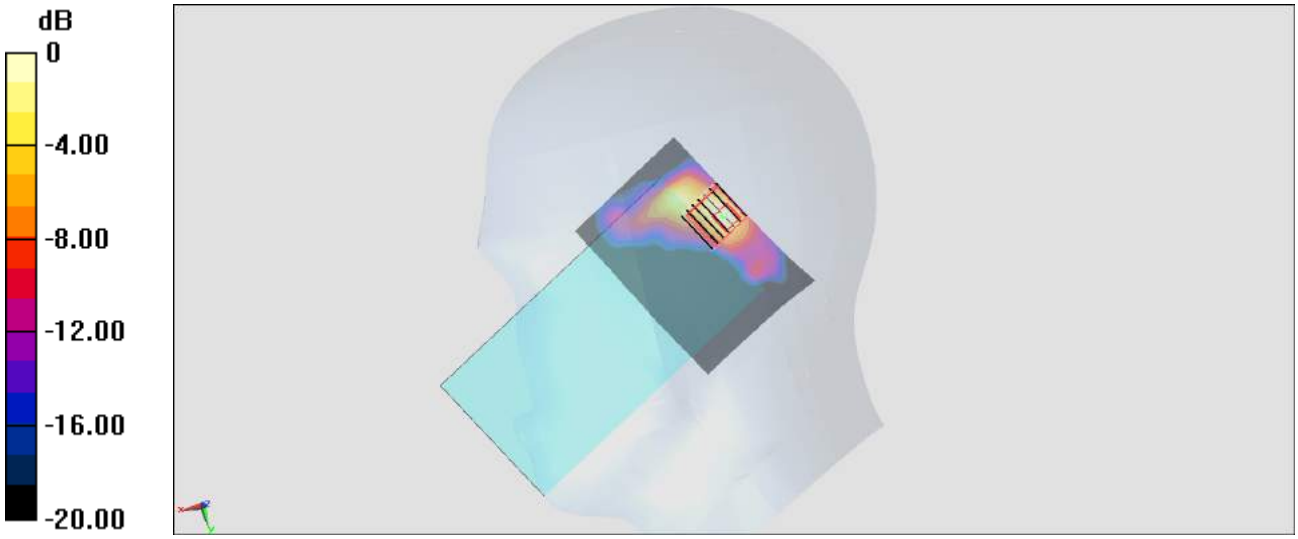
#75_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_180314 Medium parameters used: f = 5775 MHz; σ = 5.068 S/m; ε_r = 35.175; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.04, 5.04, 5.04); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.55 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.02 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.82 W/kg
SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.163 W/kg
Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg

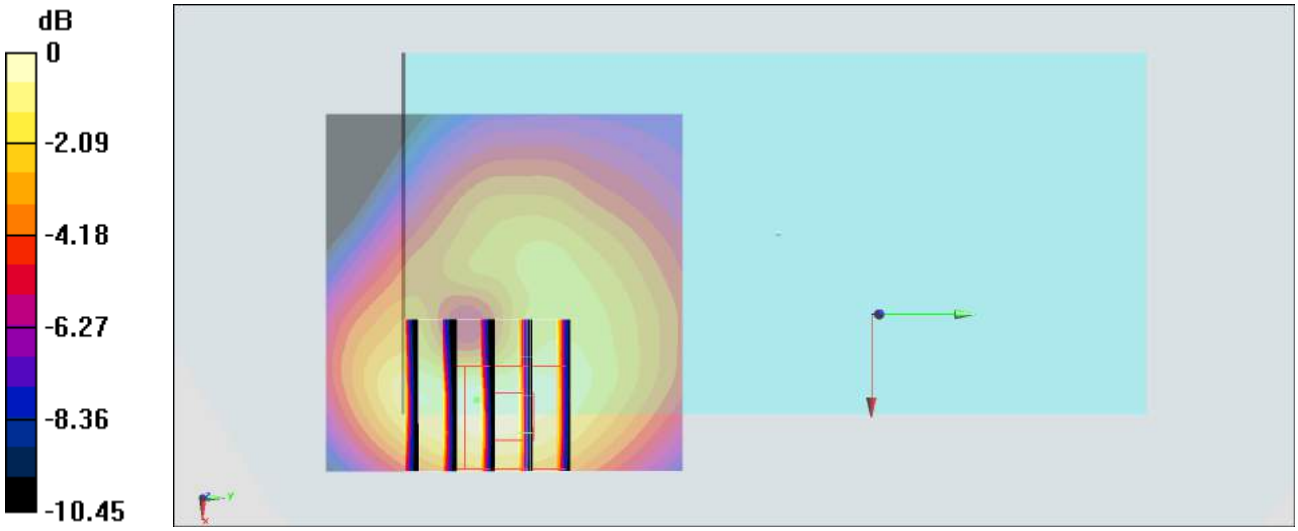
#76_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180317 Medium parameters used: f = 824.2 MHz; σ = 0.934 S/m; ε_r = 56.771; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.407 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.07 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.218 W/kg
Maximum value of SAR (measured) = 0.434 W/kg



0 dB = 0.434 W/kg = -3.63 dBW/kg

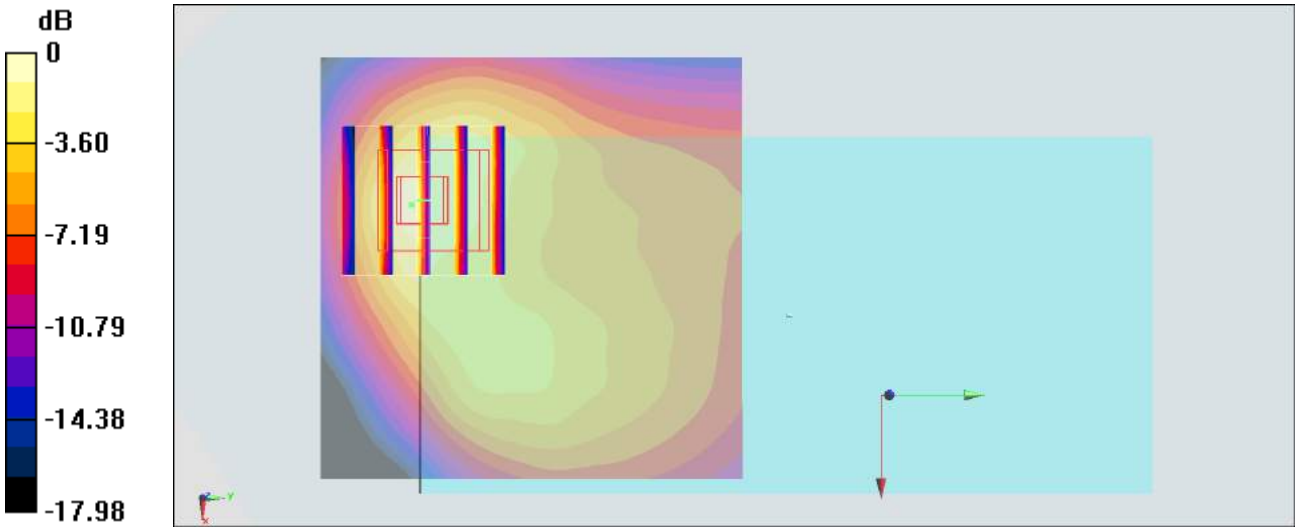
#77_LTE Band 2_20M_QPSK_1_0_Front_10mm_Ch18700

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180317 Medium parameters used: f = 1860 MHz; σ = 1.53 S/m; ε_r = 54.973; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.16 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.434 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



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

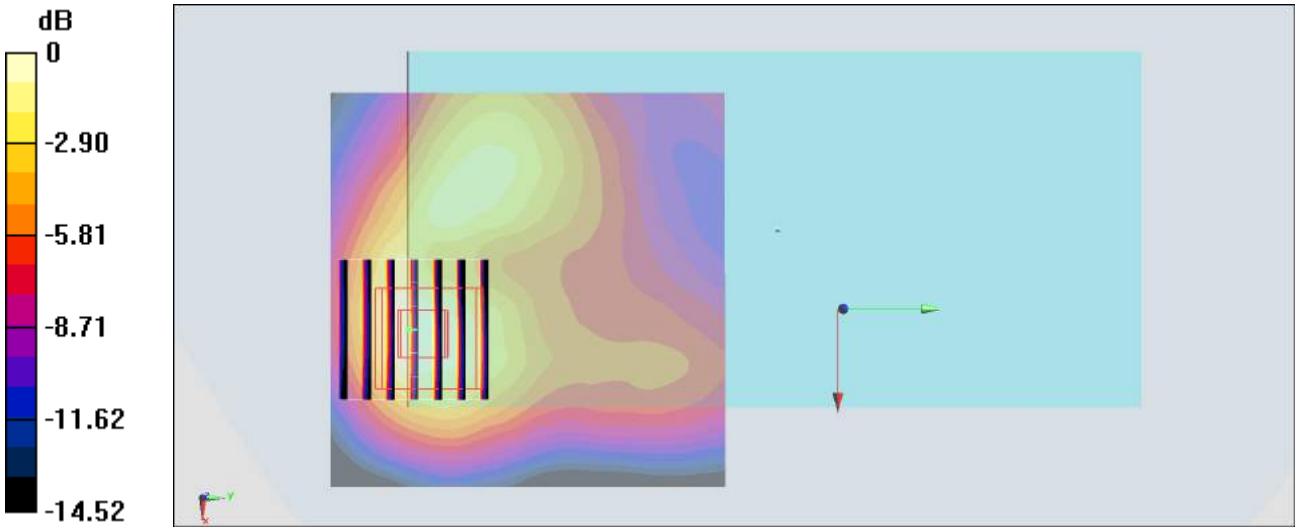
#78_LTE Band 7_20M_QPSK_50_0_Front_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180317 Medium parameters used: f = 2560 MHz; σ = 2.135 S/m; ε_r = 54.404; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.576 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.48 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.998 W/kg
SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.235 W/kg
Maximum value of SAR (measured) = 0.587 W/kg



0 dB = 0.587 W/kg = -2.31 dBW/kg

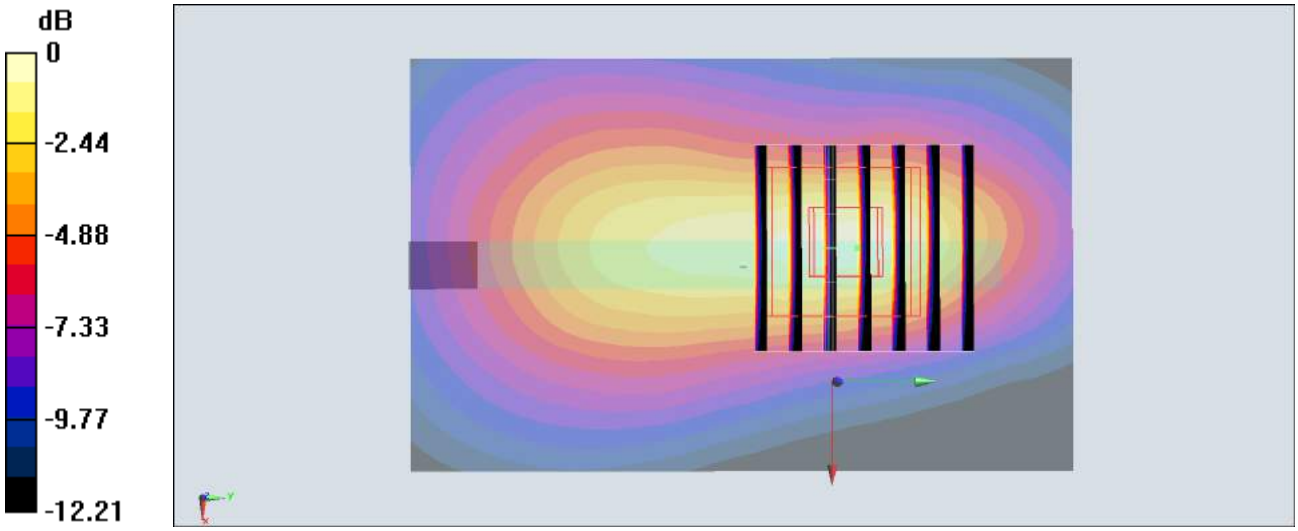
#79_WLAN2.4GHz_802.11b 1Mbps_Bottom Side_10mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_180316 Medium parameters used: f = 2462 MHz; σ = 2.015 S/m; ε_r = 53.7; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.501 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.58 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.996 W/kg
SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.163 W/kg
Maximum value of SAR (measured) = 0.545 W/kg



0 dB = 0.545 W/kg = -2.64 dBW/kg

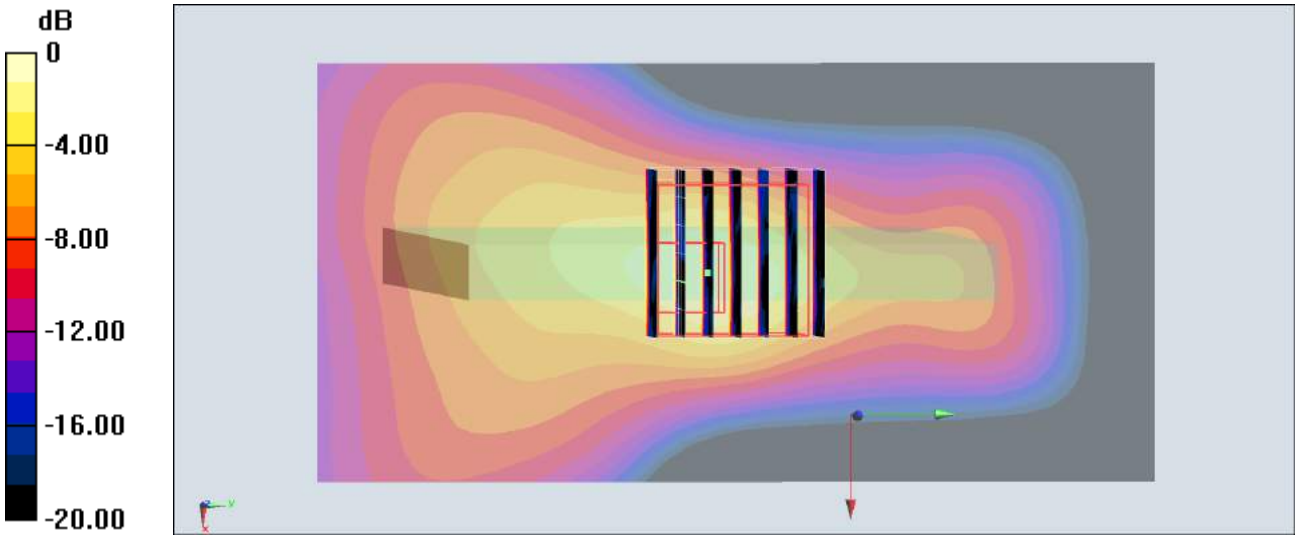
#80_WLAN5GHz_802.11ac-VHT80 MCS0_Top Side_10mm_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: MSL_5G_180318 Medium parameters used: f = 5775 MHz; σ = 6.075 S/m; ε_r = 47.55; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.342 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.295 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.824 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.050 W/kg
Maximum value of SAR (measured) = 0.480 W/kg



0 dB = 0.480 W/kg = -3.19 dBW/kg

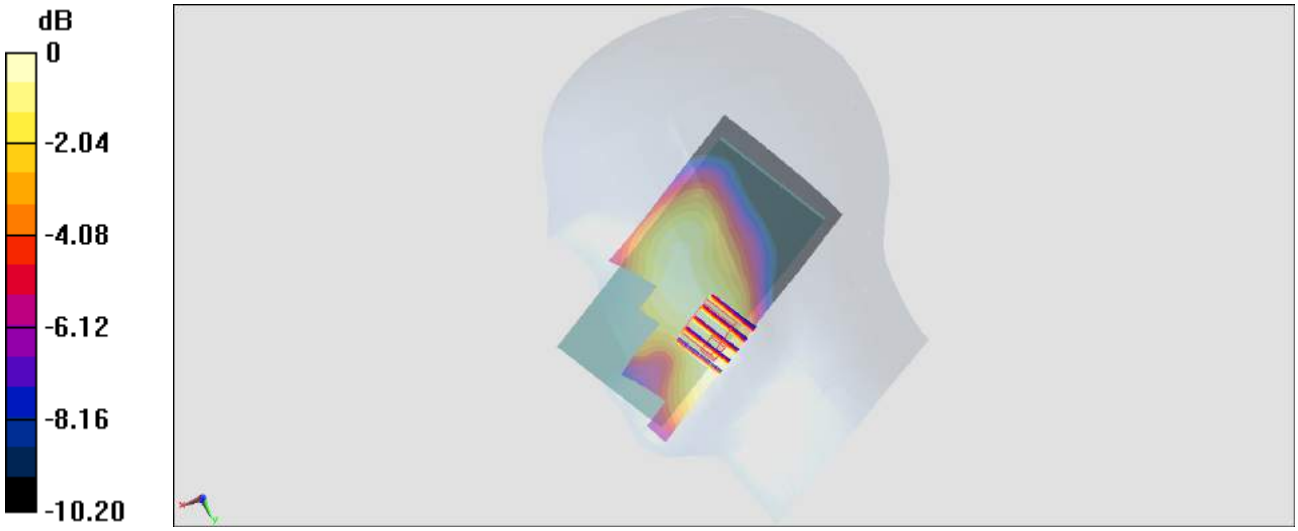
#81_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180317 Medium parameters used : f = 824.2 MHz; σ = 0.885 S/m; ε_r = 43.45; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0965 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.20 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.060 W/kg
Maximum value of SAR (measured) = 0.0977 W/kg



0 dB = 0.0977 W/kg = -10.10 dBW/kg

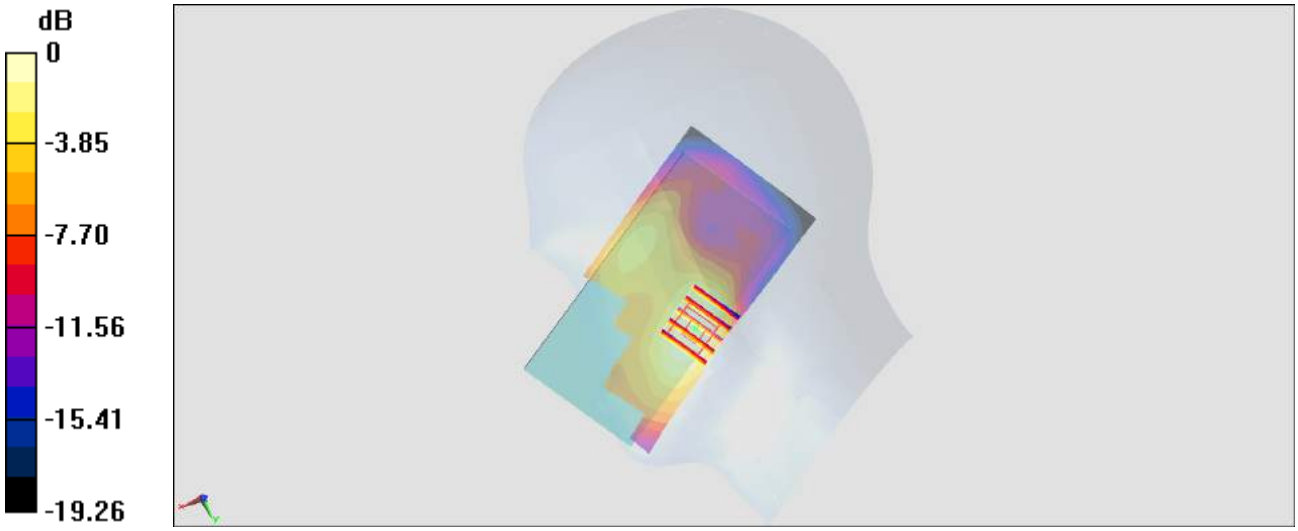
#82_LTE Band 2_20M_QPSK_1_0_Right Cheek_Ch19100

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180317 Medium parameters used: f = 1900 MHz; σ = 1.432 S/m; ε_r = 41.123; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.330 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.50 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.414 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.165 W/kg
Maximum value of SAR (measured) = 0.320 W/kg



0 dB = 0.320 W/kg = -4.95 dBW/kg

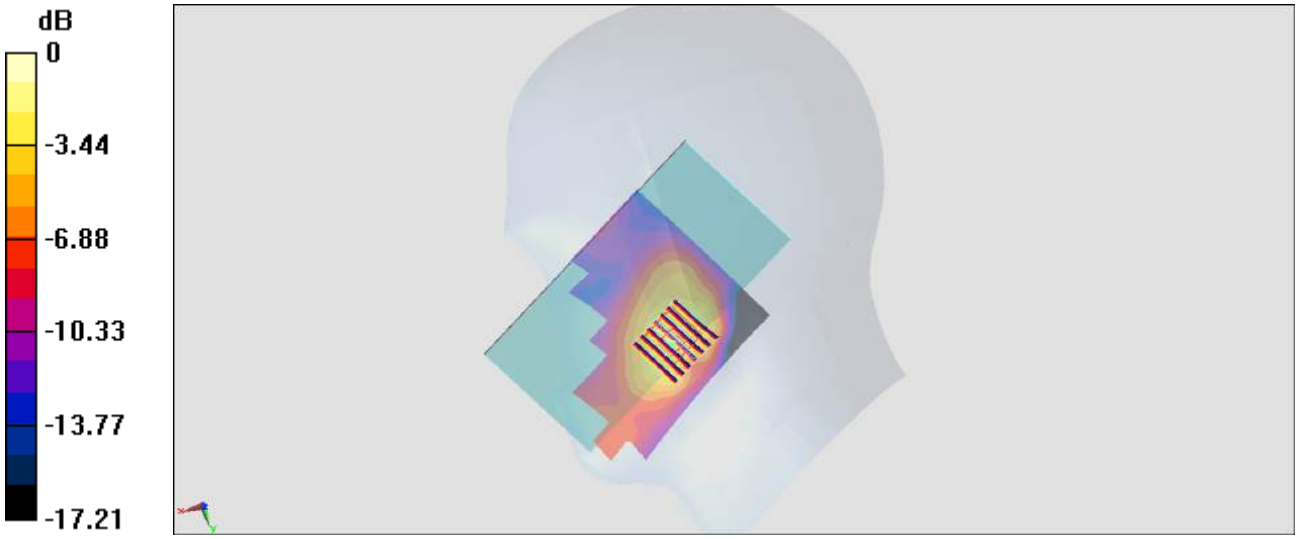
#83_LTE Band 7_20M_QPSK_1_0_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180317 Medium parameters used: f = 2560 MHz; σ = 1.966 S/m; ε_r = 39.575; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.319 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.979 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.573 W/kg
SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.474 W/kg



0 dB = 0.474 W/kg = -3.24 dBW/kg

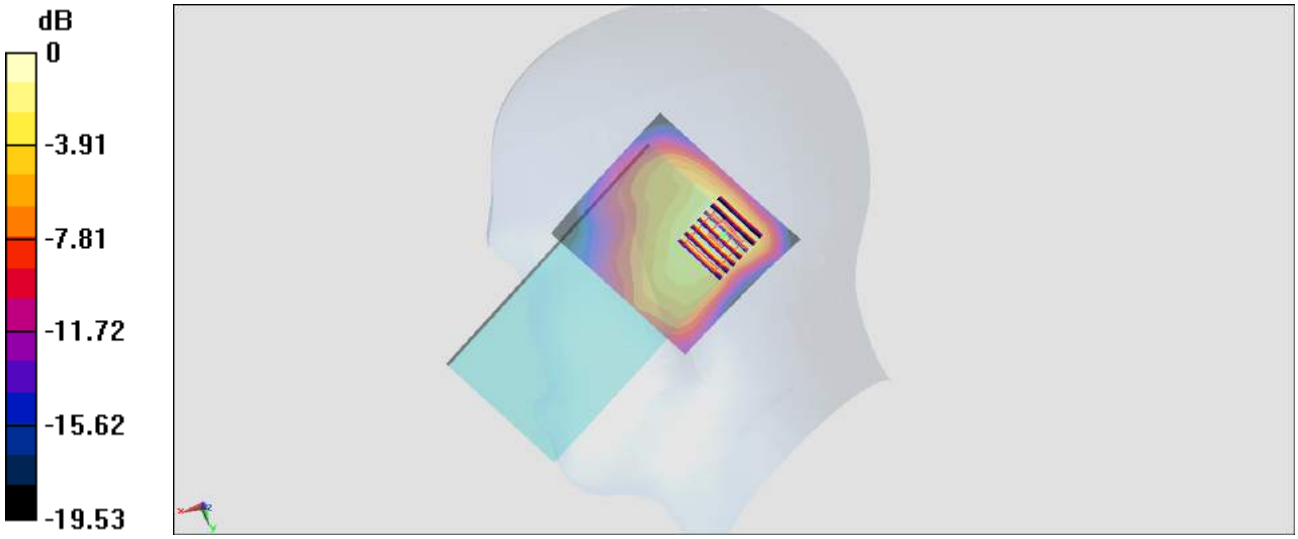
#84_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch1;Ant 1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_180317 Medium parameters used: f = 2412 MHz; σ = 1.796 S/m; ε_r = 40.164; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.490 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.50 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.591 W/kg
SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.451 W/kg



0 dB = 0.451 W/kg = -3.46 dBW/kg

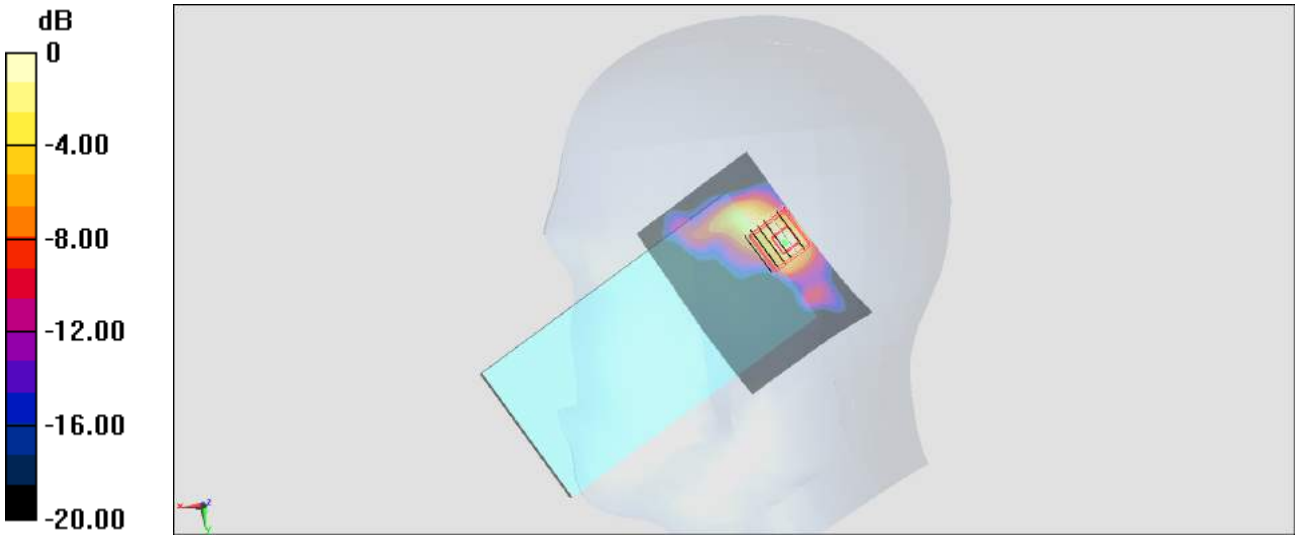
#85_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_180318 Medium parameters used: f = 5775 MHz; σ = 5.192 S/m; ε_r = 35.927; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.04, 5.04, 5.04); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.69 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 15.50 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 3.14 W/kg
SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 1.83 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

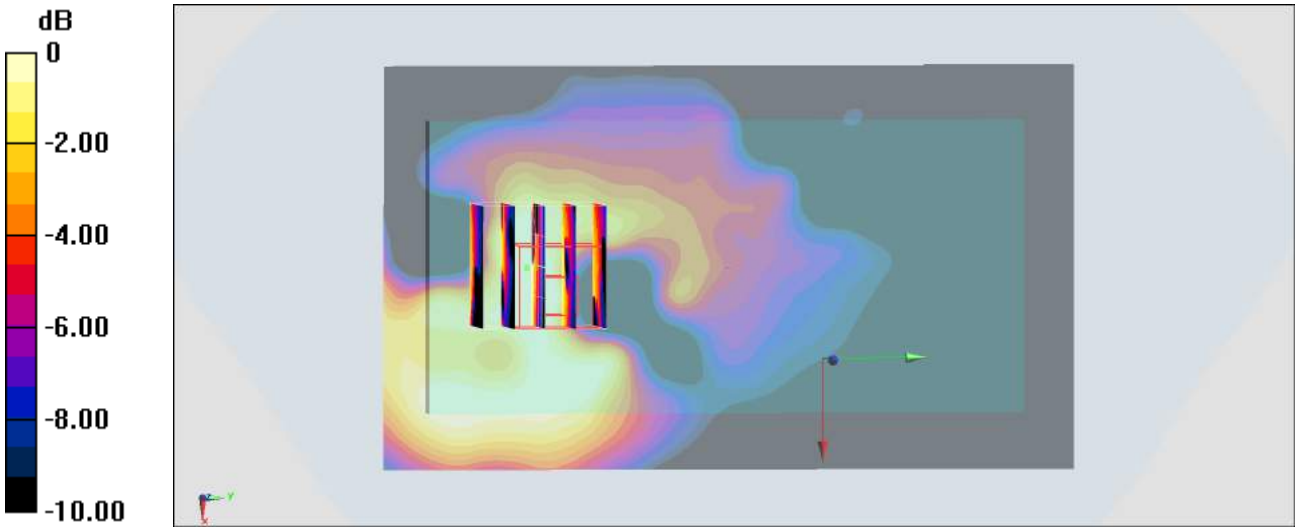
#86_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180315 Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.966 S/m; ε_r = 56.43; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.920 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.53 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.329 W/kg
Maximum value of SAR (measured) = 0.642 W/kg



0 dB = 0.642 W/kg = -1.92 dBW/kg

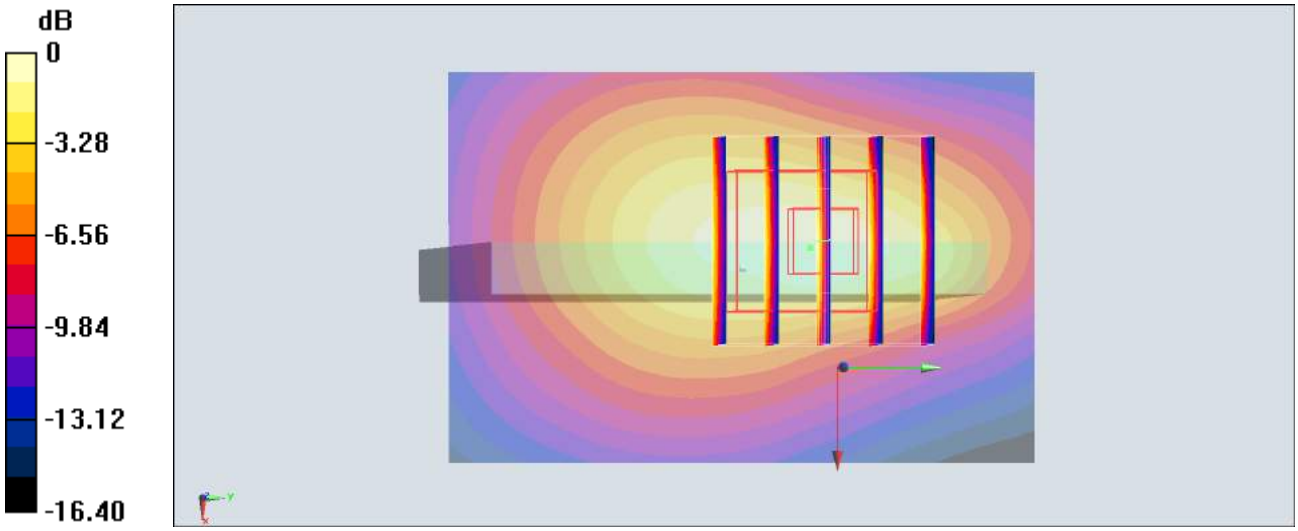
#87_LTE Band 2_20M_QPSK_1_0_Bottom Side_10mm_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180315 Medium parameters used: f = 1900 MHz; σ = 1.555 S/m; ε_r = 54.164; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.97 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 0.910 W/kg; SAR(10 g) = 0.496 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



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

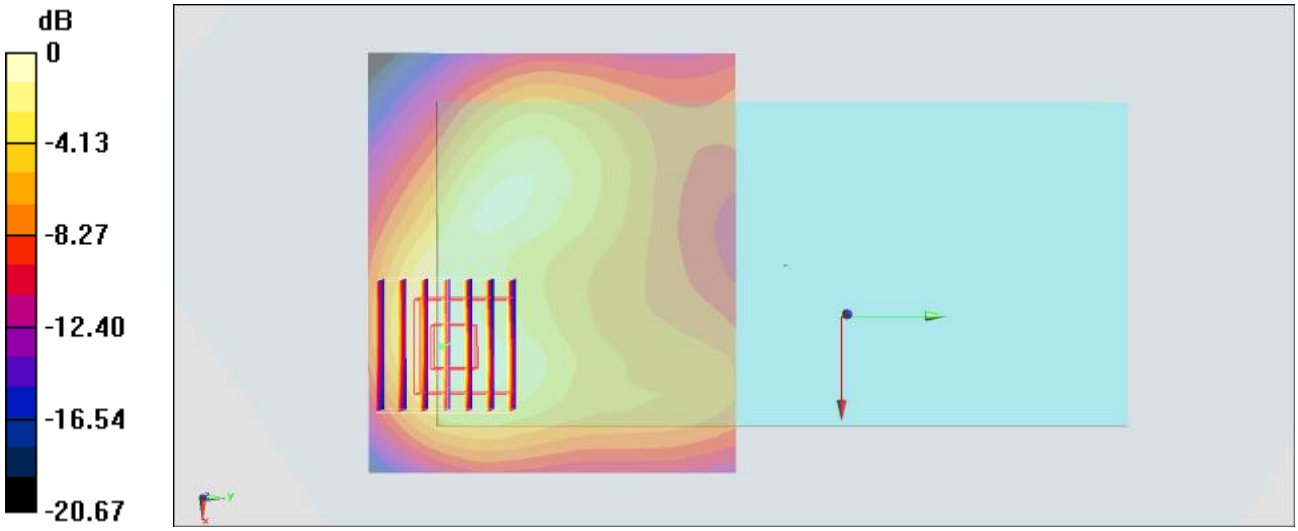
#88_LTE Band 7_20M_QPSK_50_0_Front_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180314 Medium parameters used: f = 2560 MHz; σ = 2.151 S/m; ε_r = 51.992; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.720 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.78 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.315 W/kg
Maximum value of SAR (measured) = 0.730 W/kg



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

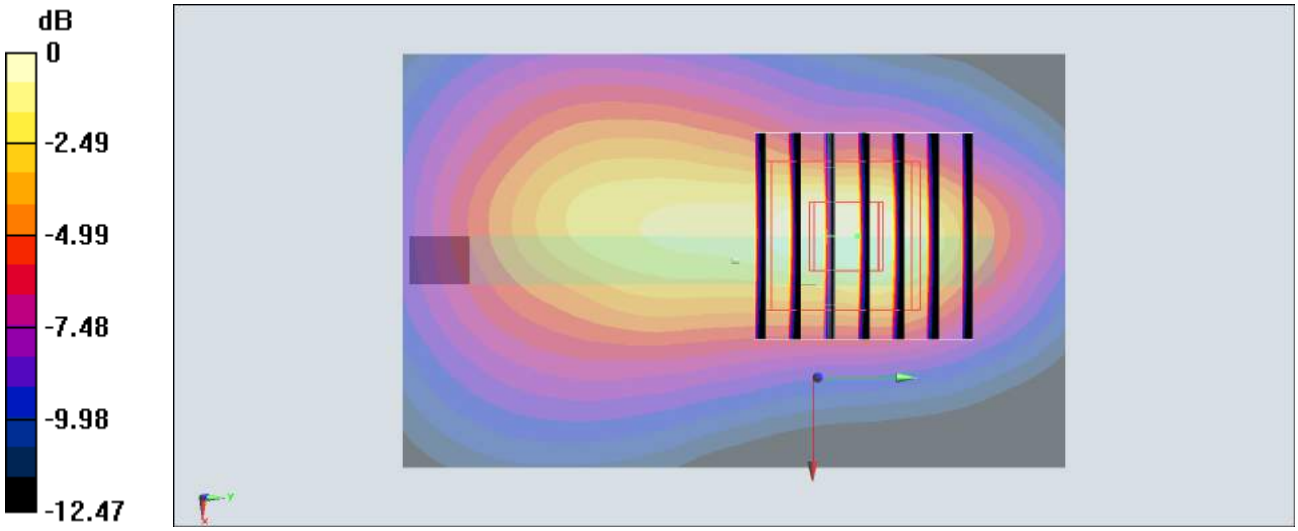
#89_WLAN2.4GHz_802.11b 1Mbps_Bottom Side_10mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_180316 Medium parameters used: f = 2462 MHz; σ = 2.015 S/m; ε_r = 53.7; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.534 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.22 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.760 W/kg
SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.178 W/kg
Maximum value of SAR (measured) = 0.510 W/kg



0 dB = 0.510 W/kg = -2.92 dBW/kg

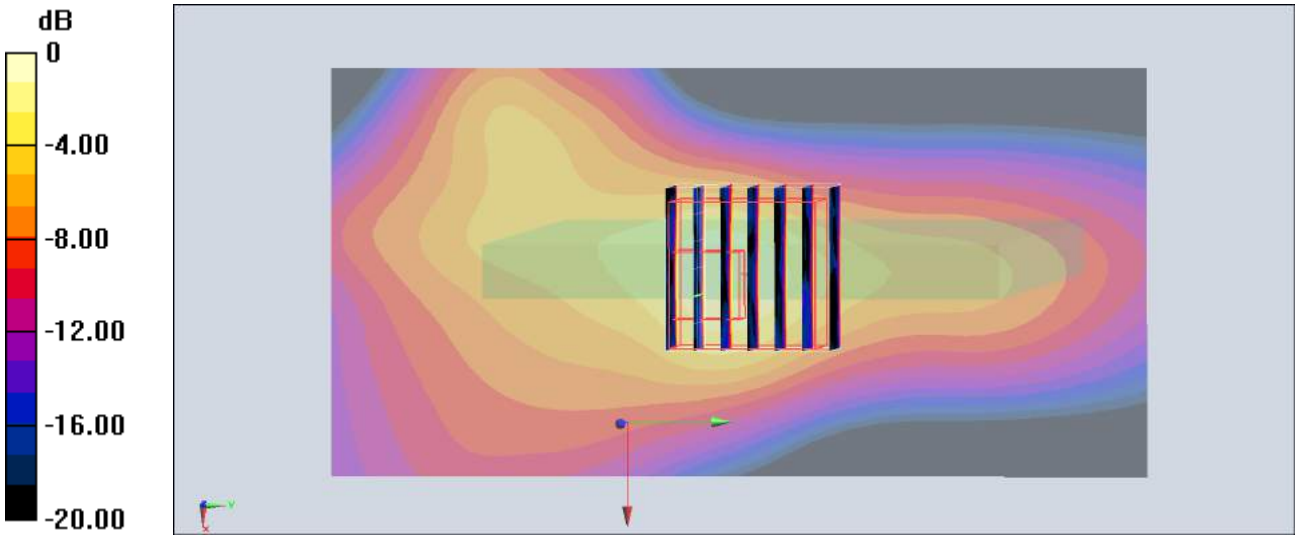
#90_WLAN5GHz_802.11ac-VHT80 MCS0_Top Side_10mm_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: MSL_5G_180318 Medium parameters used: f = 5775 MHz; σ = 6.075 S/m; ε_r = 47.55; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.304 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.820 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.792 W/kg
SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.047 W/kg
Maximum value of SAR (measured) = 0.455 W/kg



0 dB = 0.455 W/kg = -3.42 dBW/kg

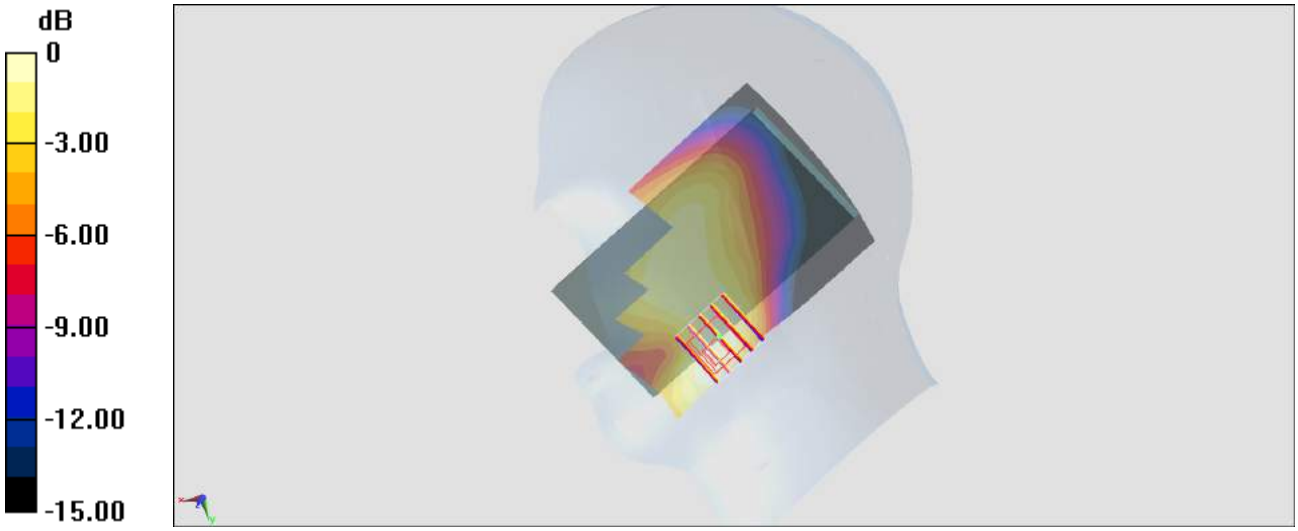
#91_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180327 Medium parameters used : f = 824.2 MHz; σ = 0.87 S/m; ε_r = 42.292; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.118 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.65 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.161 W/kg
SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.063 W/kg
Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.114 W/kg = -9.43 dBW/kg

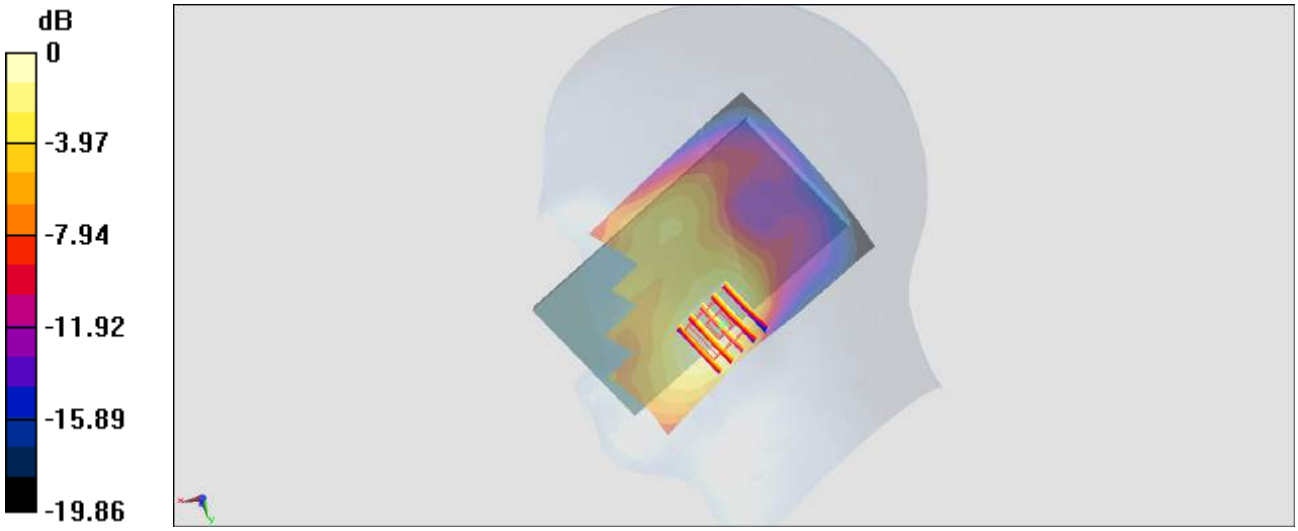
#92_LTE Band 2_20M_QPSK_1_0_Right Cheek_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180327 Medium parameters used: f = 1900 MHz; σ = 1.449 S/m; ε_r = 39.311; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.272 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.98 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.143 W/kg
Maximum value of SAR (measured) = 0.273 W/kg



0 dB = 0.273 W/kg = -5.64 dBW/kg

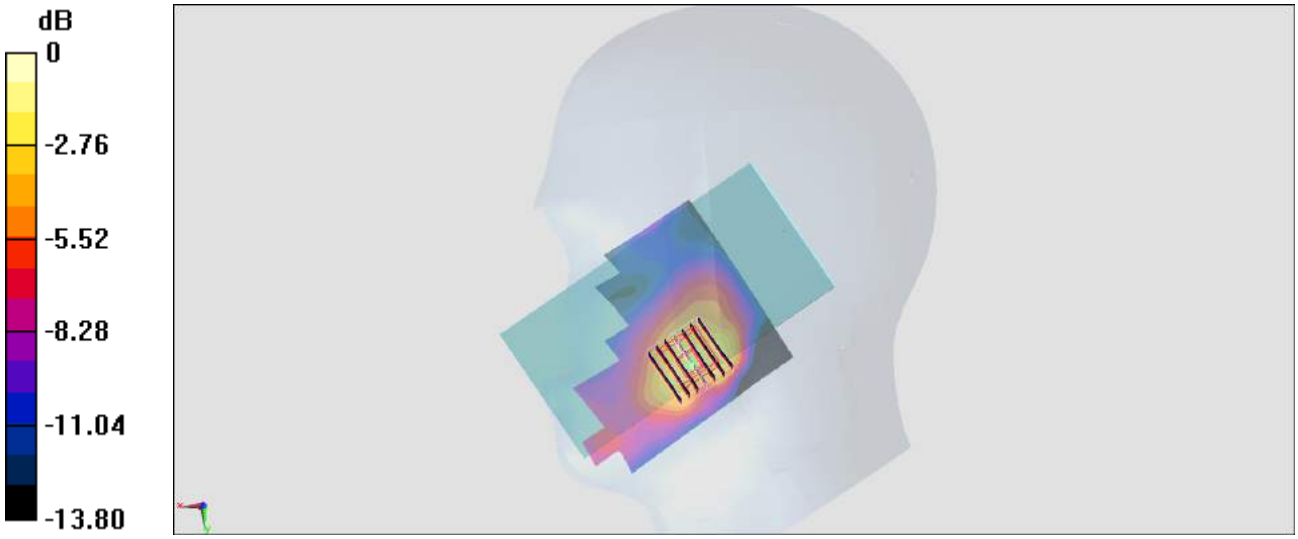
#93_LTE Band 7_20M_QPSK_1_0_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180325 Medium parameters used: f = 2560 MHz; σ = 1.949 S/m; ε_r = 39.511; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): 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 = 9.979 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.568 W/kg
SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.470 W/kg



0 dB = 0.470 W/kg = -3.28 dBW/kg

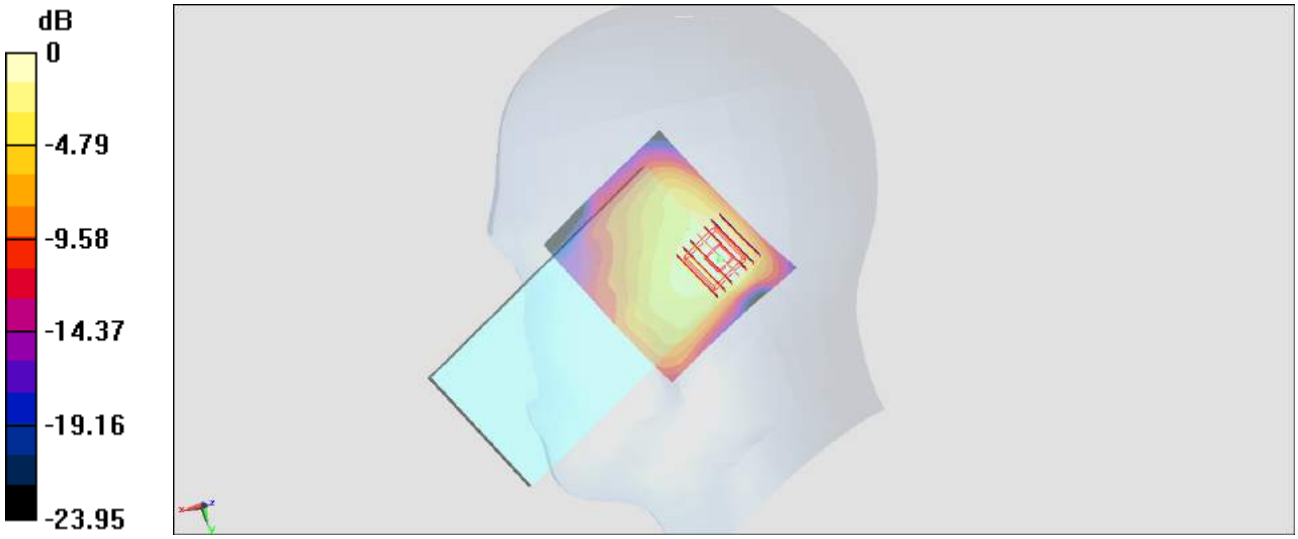
#94_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch1;Ant 1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_180325 Medium parameters used: f = 2412 MHz; σ = 1.78 S/m; ε_r = 40.101; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.415 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.58 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.452 W/kg
SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.134 W/kg
Maximum value of SAR (measured) = 0.374 W/kg



0 dB = 0.374 W/kg = -4.27 dBW/kg

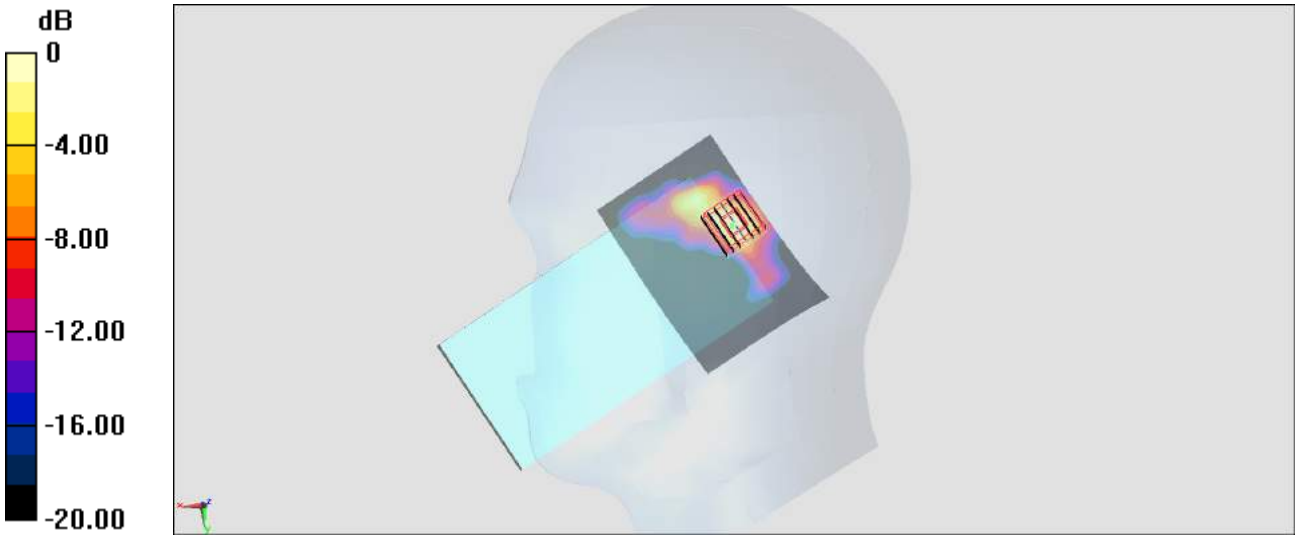
#95_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_180327 Medium parameters used: f = 5775 MHz; σ = 5.209 S/m; ε_r = 35.387; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.04, 5.04, 5.04); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.82 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.374 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 3.33 W/kg
SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.196 W/kg
Maximum value of SAR (measured) = 1.93 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

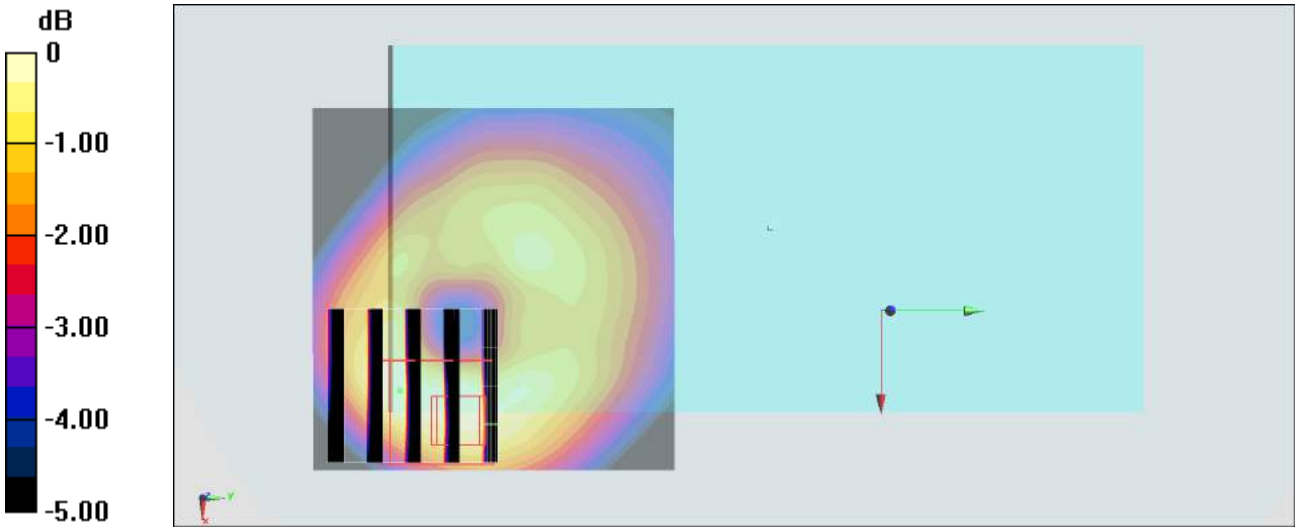
#96_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180324 Medium parameters used: f = 824.2 MHz; σ = 0.991 S/m; ε_r = 57.015; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.495 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.92 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.637 W/kg
SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.242 W/kg
Maximum value of SAR (measured) = 0.458 W/kg



0 dB = 0.458 W/kg = -3.39 dBW/kg

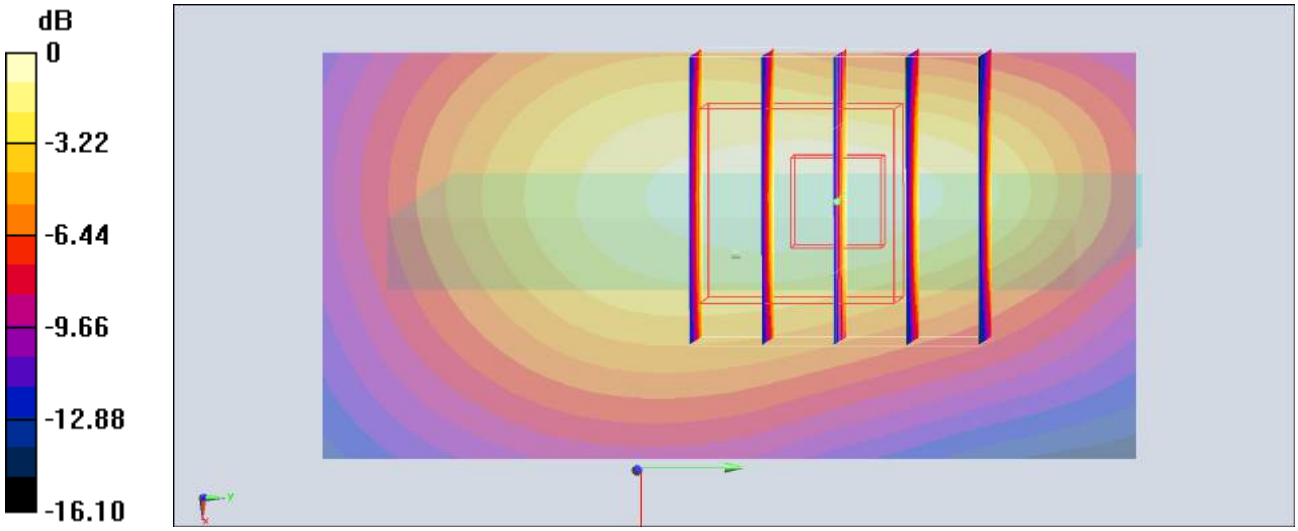
#97_LTE Band 2_20M_QPSK_1_0_Bottom Side_10mm_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180324 Medium parameters used: f = 1900 MHz; σ = 1.556 S/m; ε_r = 53.879; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (31x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.71 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.489 W/kg
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

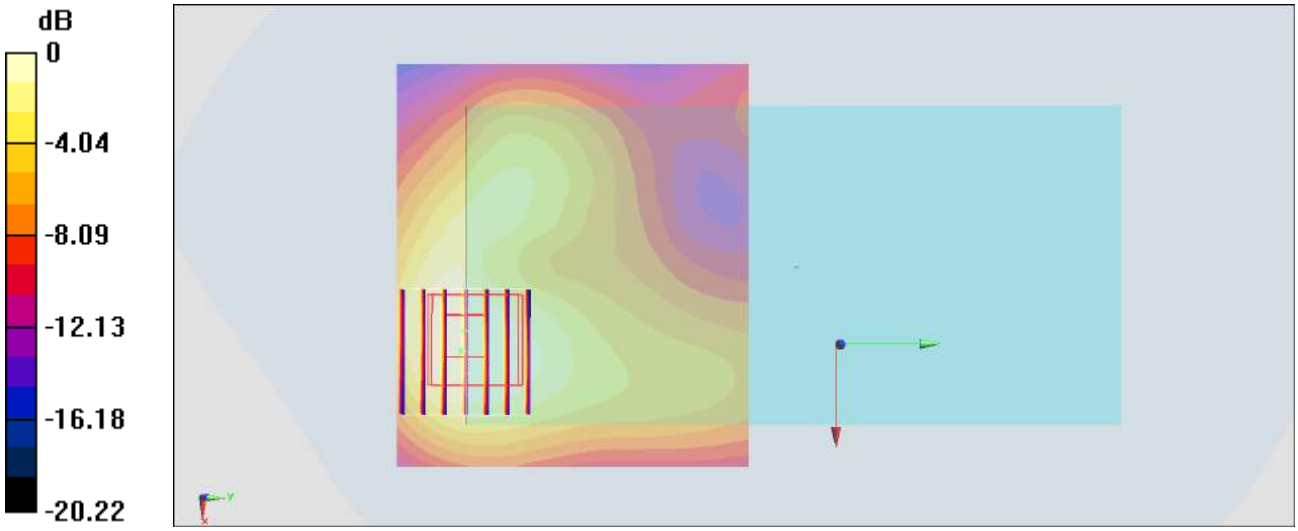
#98_LTE Band 7_20M_QPSK_50_0_Front_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180324 Medium parameters used: f = 2560 MHz; σ = 2.087 S/m; ε_r = 51.478; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.894 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.88 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.993 W/kg
SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.309 W/kg
Maximum value of SAR (measured) = 0.722 W/kg



0 dB = 0.722 W/kg = -1.41 dBW/kg

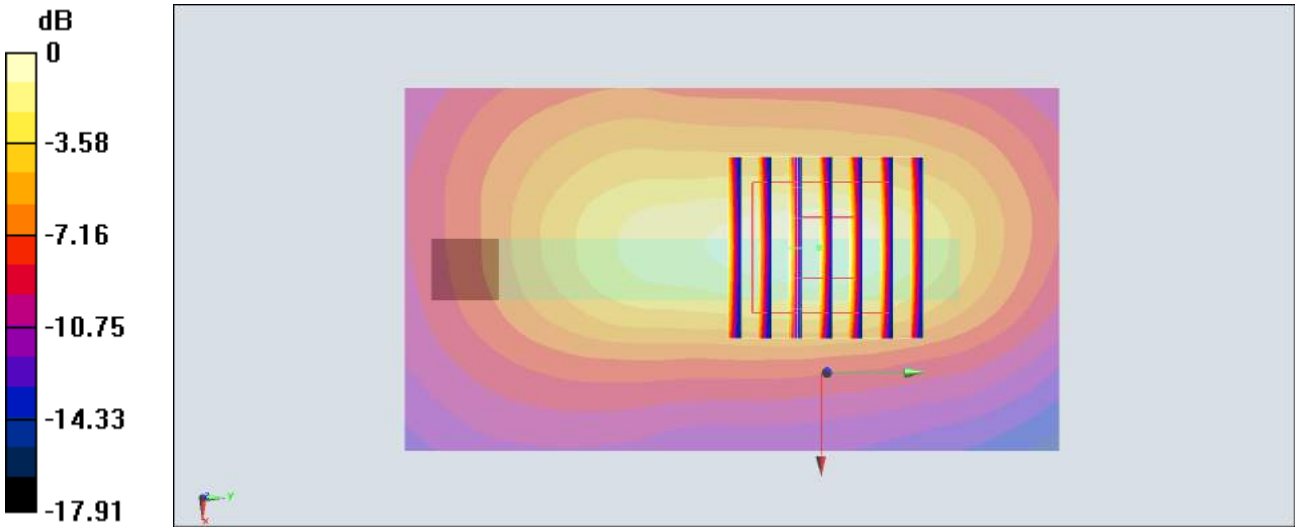
#99_WLAN2.4GHz_802.11b 1Mbps_Bottom Side_10mm_Ch11;Ant 2

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_180326 Medium parameters used: f = 2462 MHz; σ = 1.996 S/m; ε_r = 51.187; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.508 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.38 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.710 W/kg
SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.197 W/kg
Maximum value of SAR (measured) = 0.494 W/kg



0 dB = 0.494 W/kg = -3.06 dBW/kg

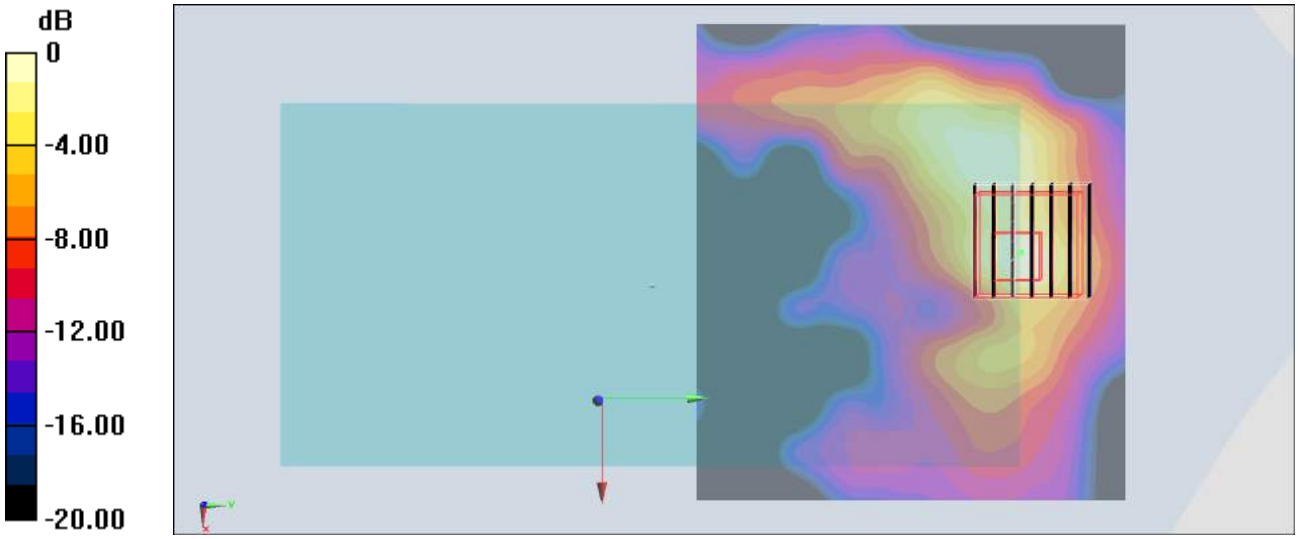
#100_WLAN5GHz_802.11ac-VHT80 MCS0_Front_10mm_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: MSL_5G_180327 Medium parameters used: f = 5775 MHz; σ = 6.202 S/m; ε_r = 47.256; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.673 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.71 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.677 W/kg



0 dB = 0.677 W/kg = -1.69 dBW/kg

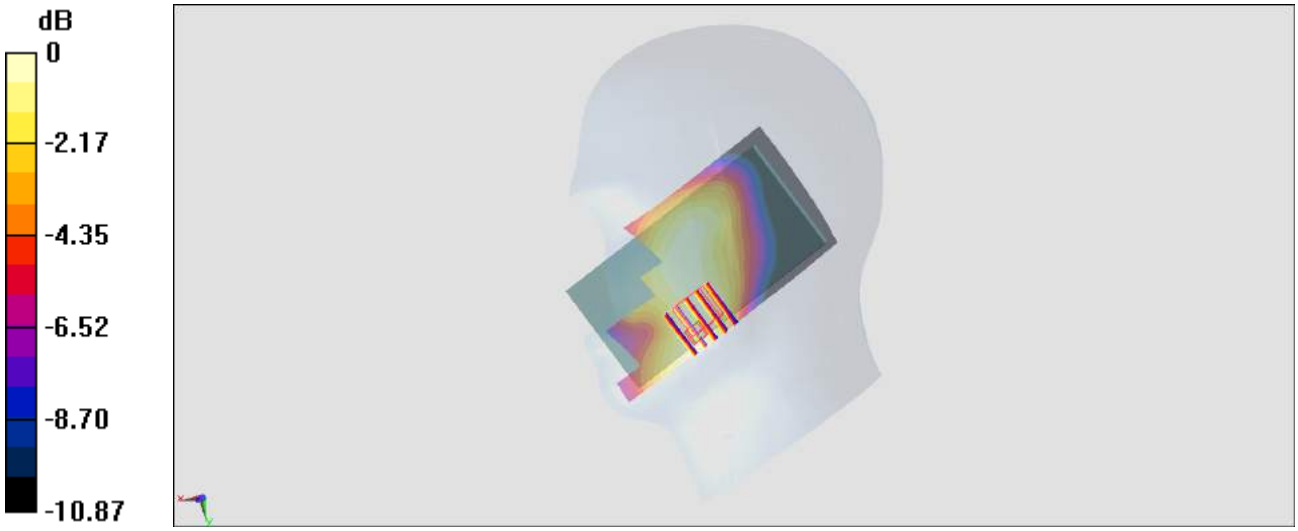
#101_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180320 Medium parameters used: f = 824.2 MHz; σ = 0.915 S/m; ε_r = 43.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.110 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.84 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.132 W/kg
SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.065 W/kg
Maximum value of SAR (measured) = 0.105 W/kg



0 dB = 0.105 W/kg = -9.79 dBW/kg

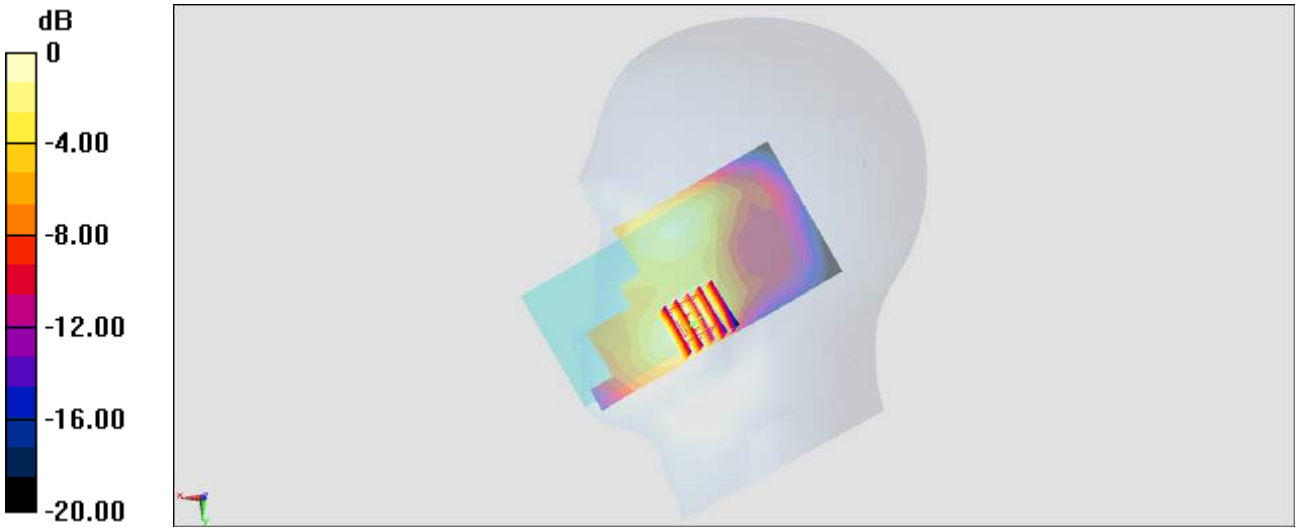
#102_LTE Band 2_20M_QPSK_1_0_Right Cheek_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180320 Medium parameters used: f = 1900 MHz; σ = 1.416 S/m; ε_r = 40.241; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.329 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.61 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.412 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.165 W/kg
Maximum value of SAR (measured) = 0.318 W/kg



0 dB = 0.318 W/kg = -4.98 dBW/kg

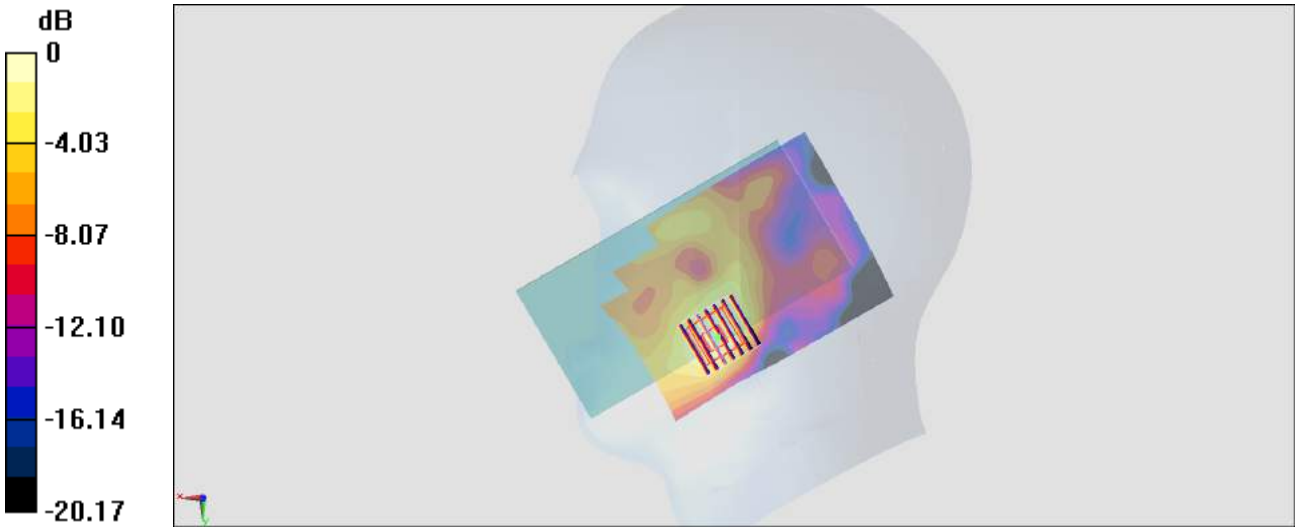
#103_LTE Band 7_20M_QPSK_1_0_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180320 Medium parameters used: f = 2560 MHz; σ = 1.91 S/m; ε_r = 39.37; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.47, 4.47, 4.47); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.382 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.38 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.598 W/kg
SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.369 W/kg



0 dB = 0.369 W/kg = -4.33 dBW/kg

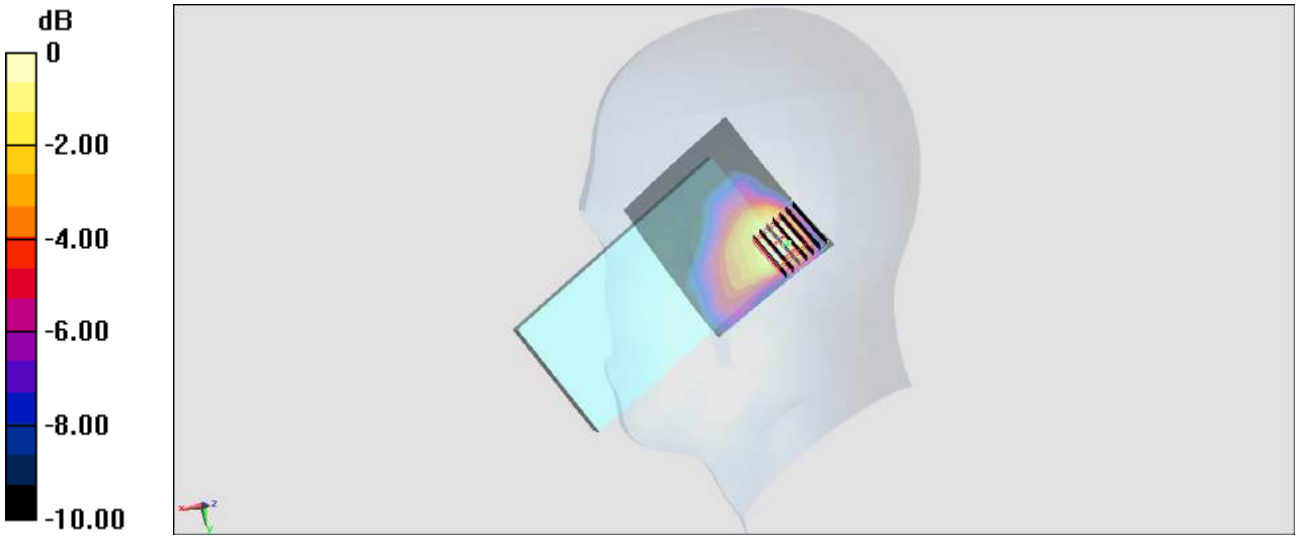
#104_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch1;Ant 1

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_180321 Medium parameters used: f = 2412 MHz; σ = 1.782 S/m; ε_r = 40.041; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.385 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.79 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.453 W/kg
SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.345 W/kg



0 dB = 0.345 W/kg = -4.62 dBW/kg

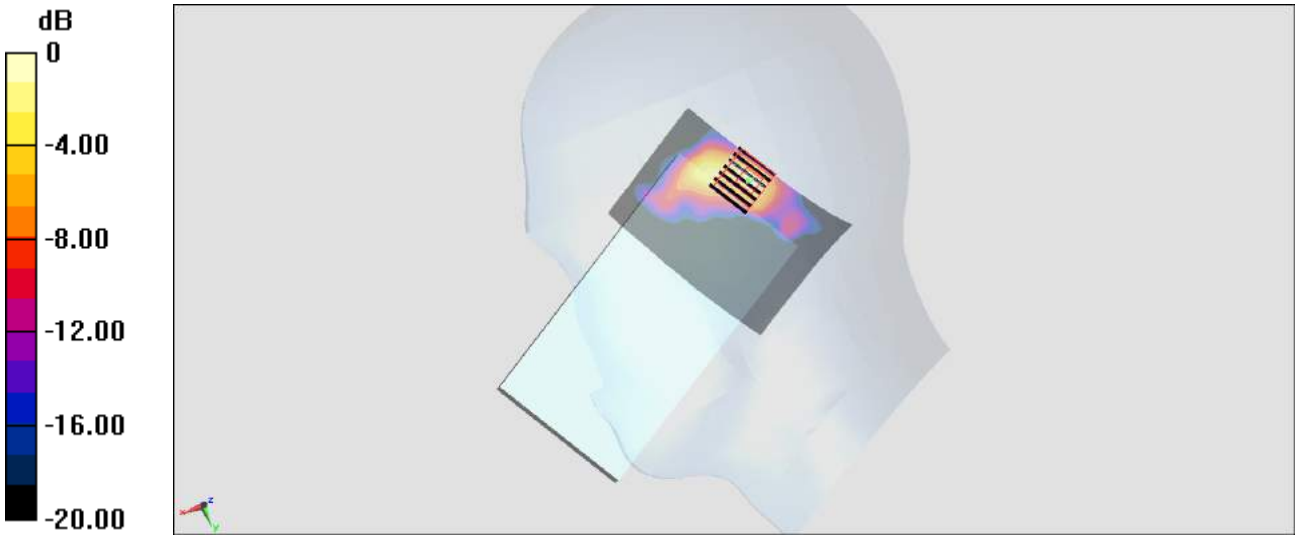
#105_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_180318 Medium parameters used: f = 5775 MHz; σ = 5.192 S/m; ε_r = 35.927; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.04, 5.04, 5.04); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.89 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.54 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.40 W/kg
SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.190 W/kg
Maximum value of SAR (measured) = 1.90 W/kg



0 dB = 1.90 W/kg = 2.79 dBW/kg

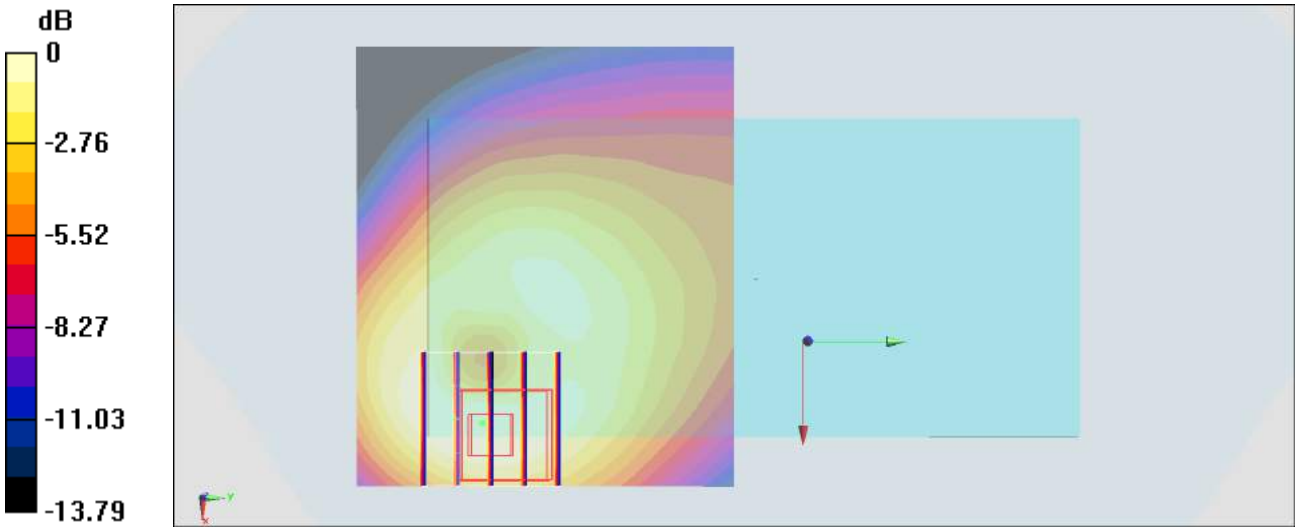
#106_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180320 Medium parameters used : f = 824.2 MHz; σ = 0.966 S/m; ε_r = 56.401; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.666 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.43 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.304 W/kg
Maximum value of SAR (measured) = 0.646 W/kg



0 dB = 0.646 W/kg = -1.90 dBW/kg

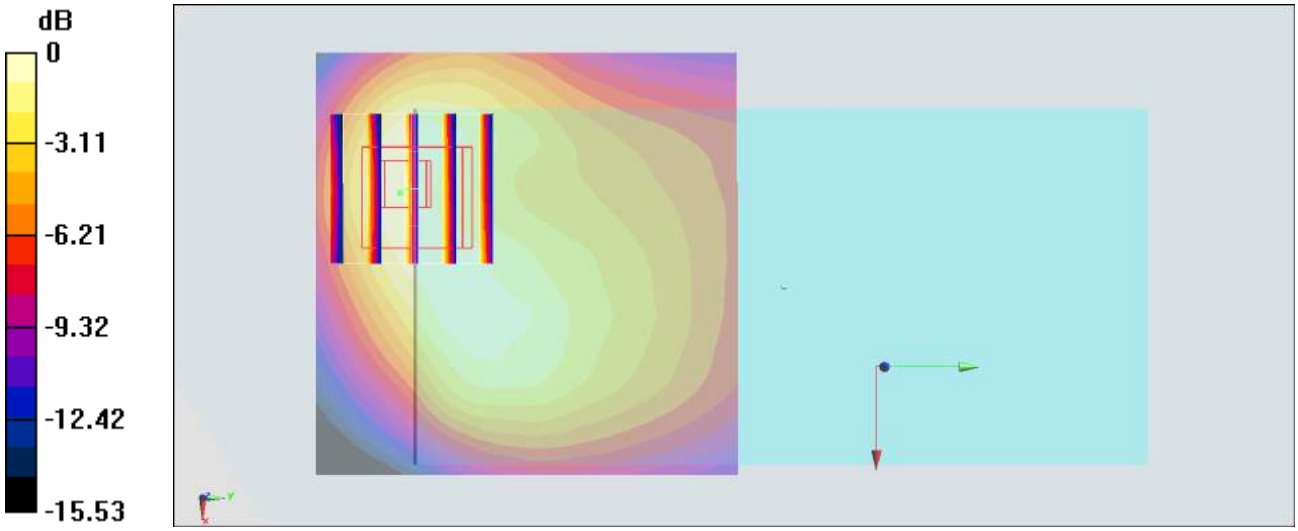
#107_LTE Band 2_20M_QPSK_1_0_Front_10mm_Ch18700

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180319 Medium parameters used: f = 1860 MHz; σ = 1.535 S/m; ε_r = 52.149; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.37 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.01 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.548 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



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

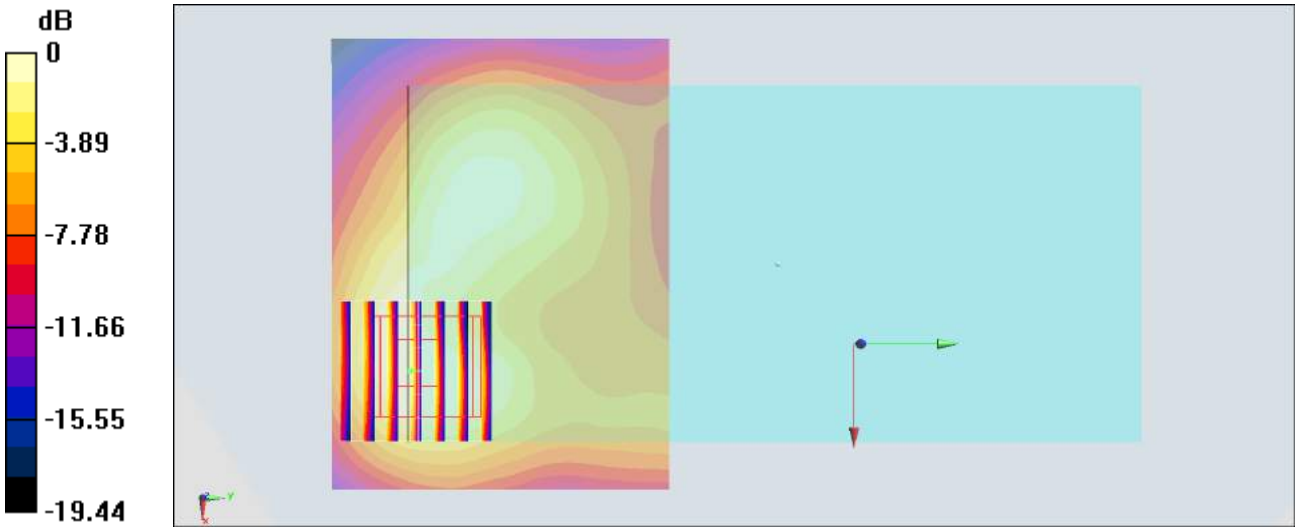
#108_LTE Band 7_20M_QPSK_50_0_Front_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180318 Medium parameters used: f = 2560 MHz; σ = 2.098 S/m; ε_r = 52.867; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.616 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.33 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.811 W/kg
SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.227 W/kg
Maximum value of SAR (measured) = 0.536 W/kg



0 dB = 0.536 W/kg = -2.71 dBW/kg

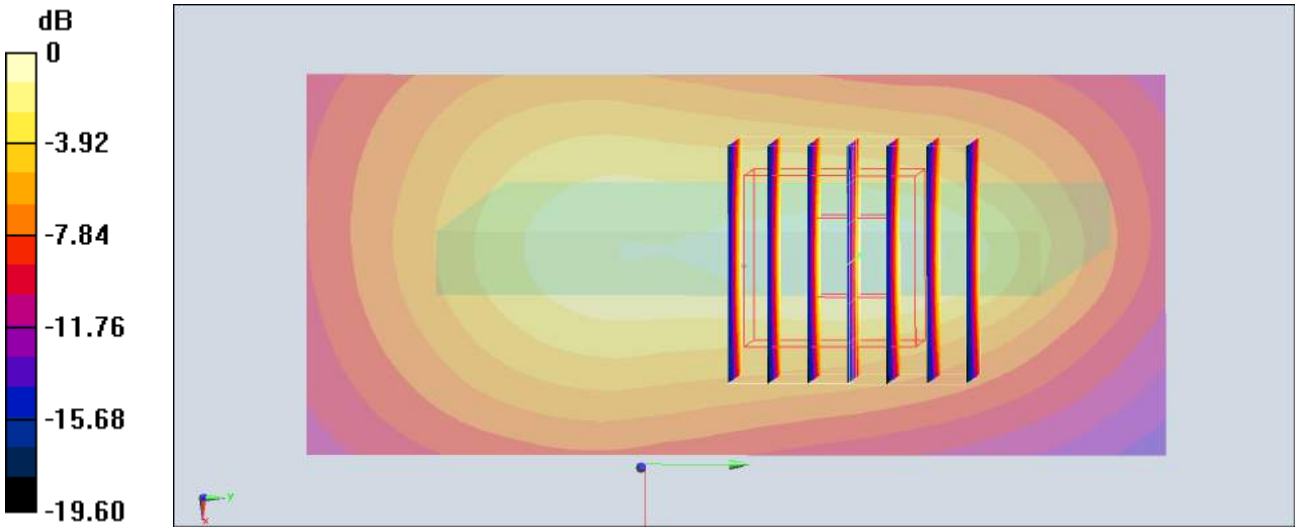
#109_WLAN2.4GHz_802.11b 1Mbps_Bottom Side_10mm_Ch11;Ant 2

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_180318 Medium parameters used: f = 2462 MHz; σ = 1.97 S/m; ε_r = 53.197; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.426 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.75 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.643 W/kg
SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.155 W/kg
Maximum value of SAR (measured) = 0.423 W/kg



0 dB = 0.423 W/kg = -3.74 dBW/kg

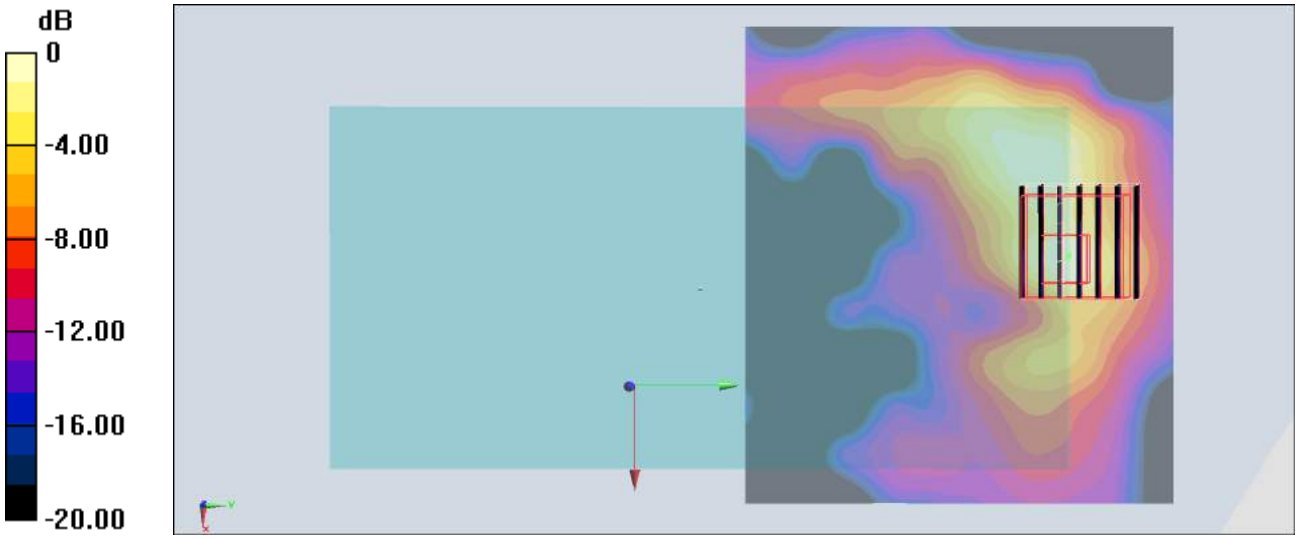
#110_WLAN5GHz_802.11ac-VHT80 MCS0_Front_10mm_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: MSL_5G_180318 Medium parameters used: f = 5775 MHz; σ = 6.075 S/m; ε_r = 47.55; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.659 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.71 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.663 W/kg



0 dB = 0.663 W/kg = -1.78 dBW/kg

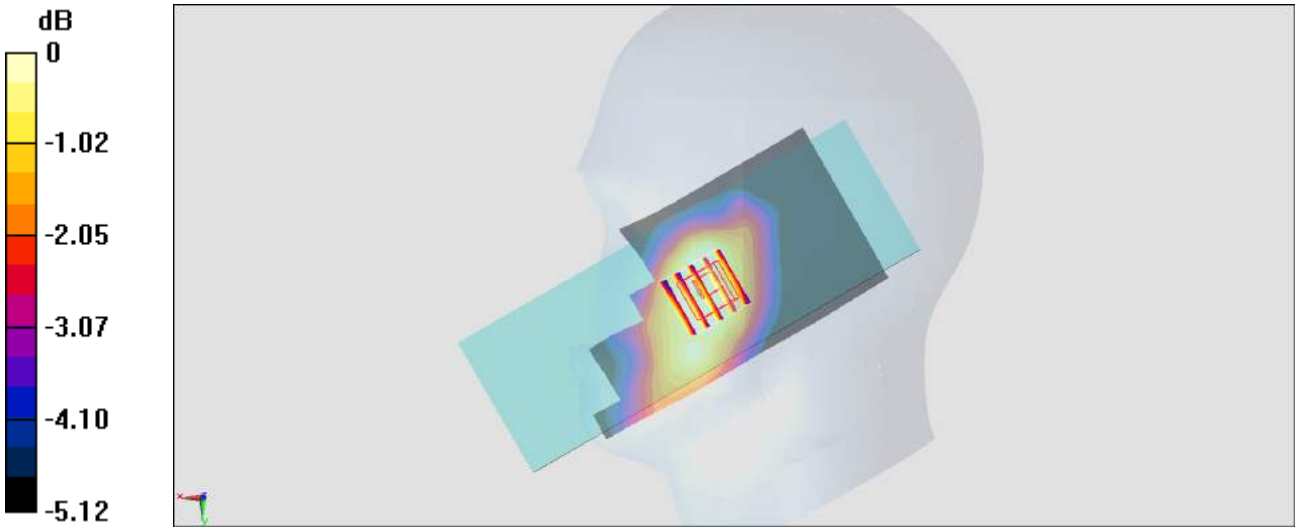
#111_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180320 Medium parameters used: f = 824.2 MHz; σ = 0.915 S/m; ε_r = 43.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.140 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.78 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.101 W/kg
Maximum value of SAR (measured) = 0.120 W/kg



0 dB = 0.120 W/kg = -9.21 dBW/kg

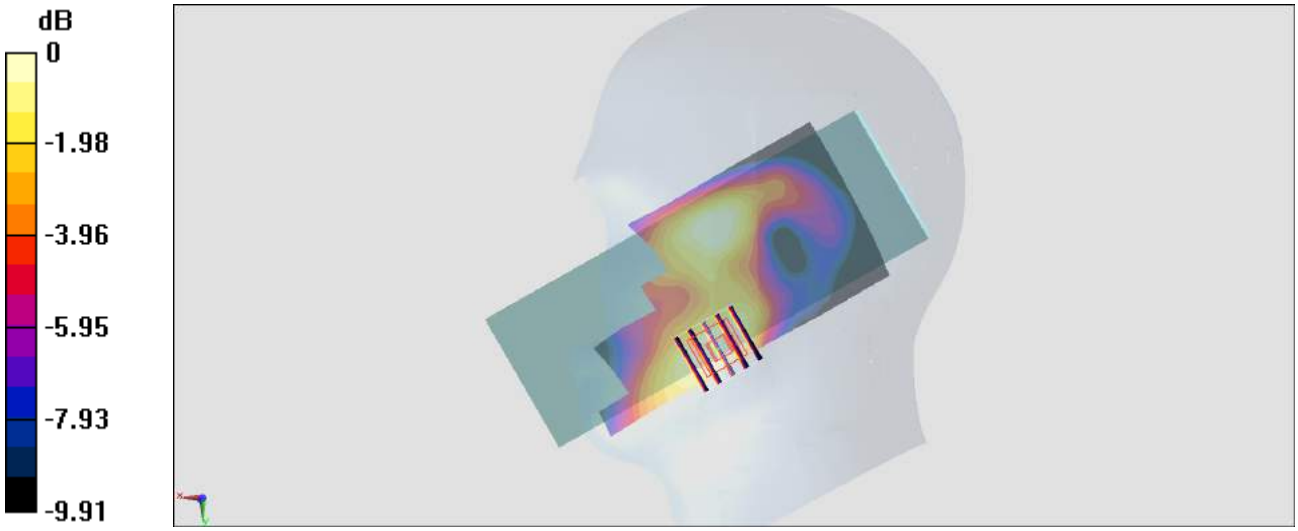
#112_LTE Band 2_20M_QPSK_1_0_Right Cheek_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180320 Medium parameters used: f = 1900 MHz; σ = 1.416 S/m; ε_r = 40.241; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.232 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.23 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.126 W/kg
Maximum value of SAR (measured) = 0.224 W/kg



0 dB = 0.224 W/kg = -6.50 dBW/kg

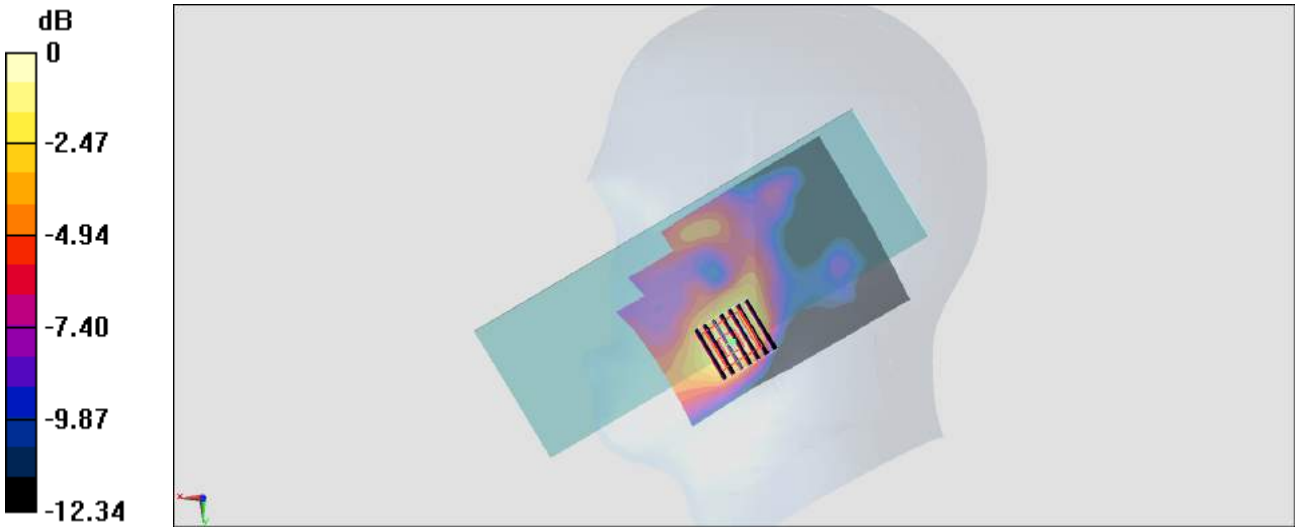
#113_LTE Band 7_20M_QPSK_1_0_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180320 Medium parameters used: f = 2560 MHz; σ = 1.91 S/m; ε_r = 39.37; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.47, 4.47, 4.47); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.421 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.24 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.625 W/kg
SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.176 W/kg
Maximum value of SAR (measured) = 0.415 W/kg



0 dB = 0.415 W/kg = -5.18 dBW/kg

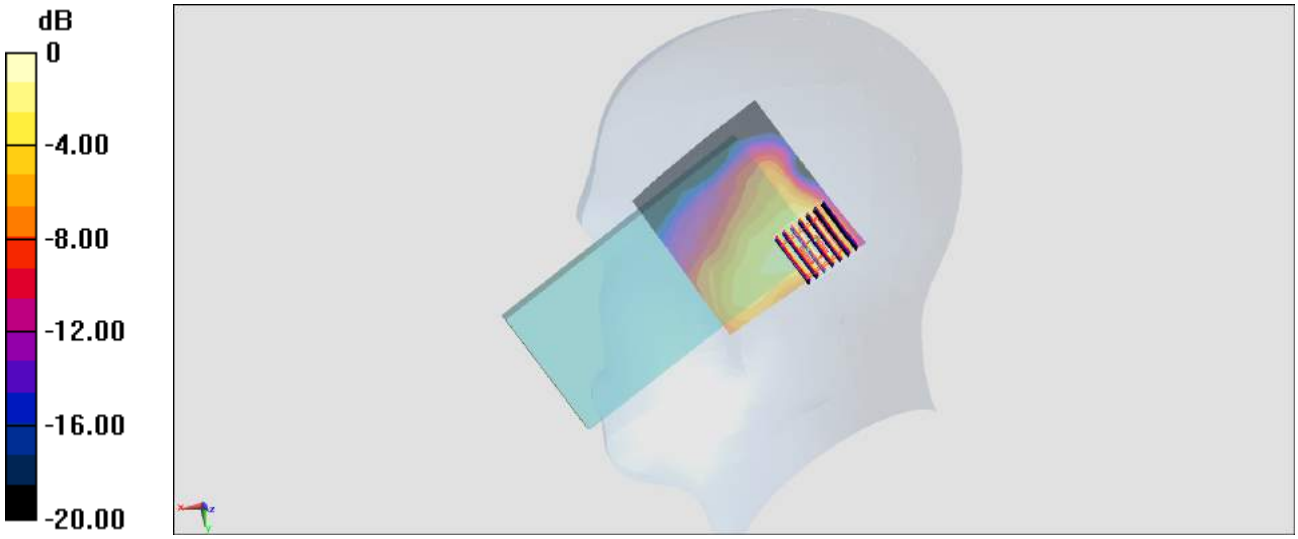
#114_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch1;Ant 1

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_180321 Medium parameters used: f = 2412 MHz; σ = 1.782 S/m; ε_r = 40.041; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.409 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.39 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.474 W/kg
SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.111 W/kg
Maximum value of SAR (measured) = 0.379 W/kg



0 dB = 0.379 W/kg = -4.21 dBW/kg

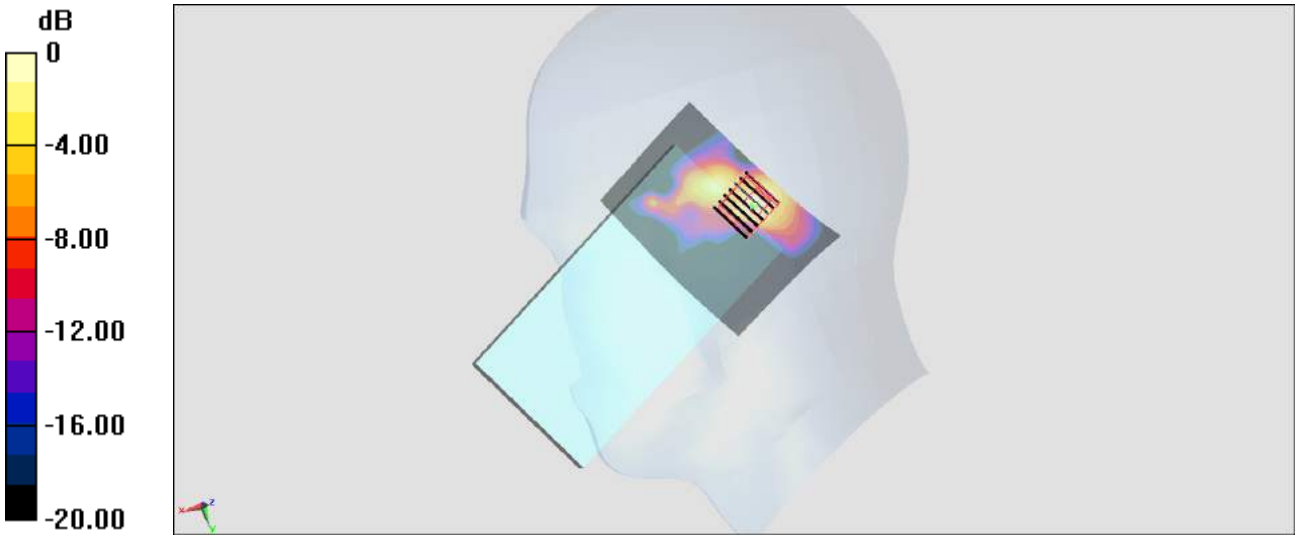
#115_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_180318 Medium parameters used: f = 5775 MHz; σ = 5.192 S/m; ε_r = 35.927; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.04, 5.04, 5.04); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.75 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.510 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.57 W/kg
SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.158 W/kg
Maximum value of SAR (measured) = 1.56 W/kg



0 dB = 1.56 W/kg = 1.93 dBW/kg

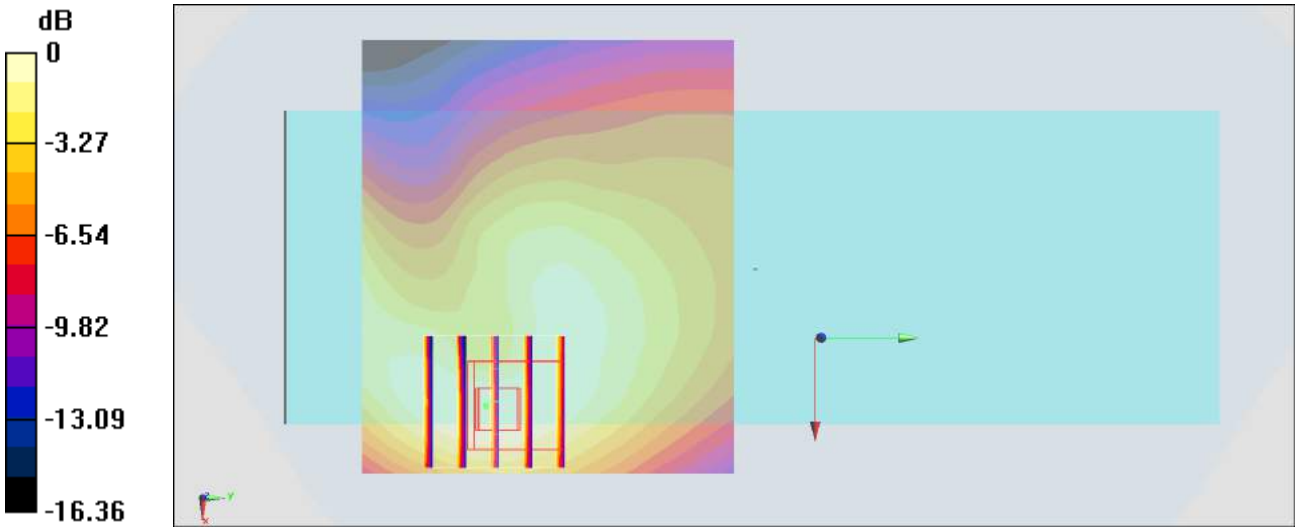
#116_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180320 Medium parameters used : f = 824.2 MHz; σ = 0.966 S/m; ε_r = 56.401; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.491 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.39 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.717 W/kg
SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.220 W/kg
Maximum value of SAR (measured) = 0.459 W/kg



0 dB = 0.459 W/kg = -3.38 dBW/kg

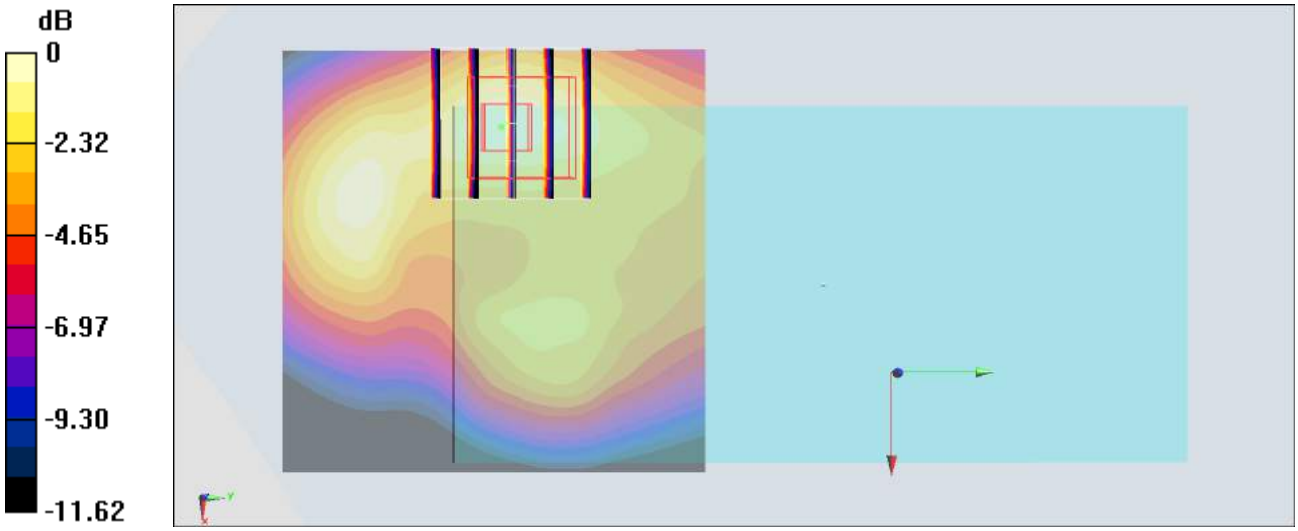
#117_LTE Band 2_20M_QPSK_1_0_Front_10mm_Ch18700

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180319 Medium parameters used: f = 1860 MHz; σ = 1.535 S/m; ε_r = 52.149; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.38 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.833 W/kg; SAR(10 g) = 0.523 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

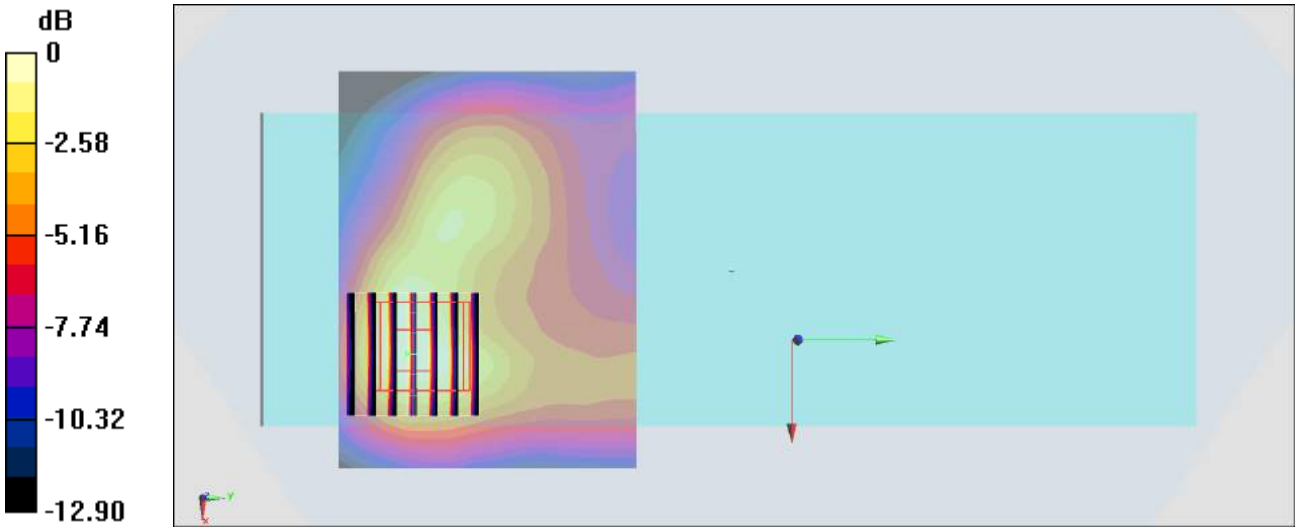
#118_LTE Band 7_20M_QPSK_50_0_Front_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180318 Medium parameters used: f = 2560 MHz; σ = 2.098 S/m; ε_r = 52.867; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.725 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.21 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.283 W/kg
Maximum value of SAR (measured) = 0.695 W/kg



0 dB = 0.695 W/kg = -1.58 dBW/kg

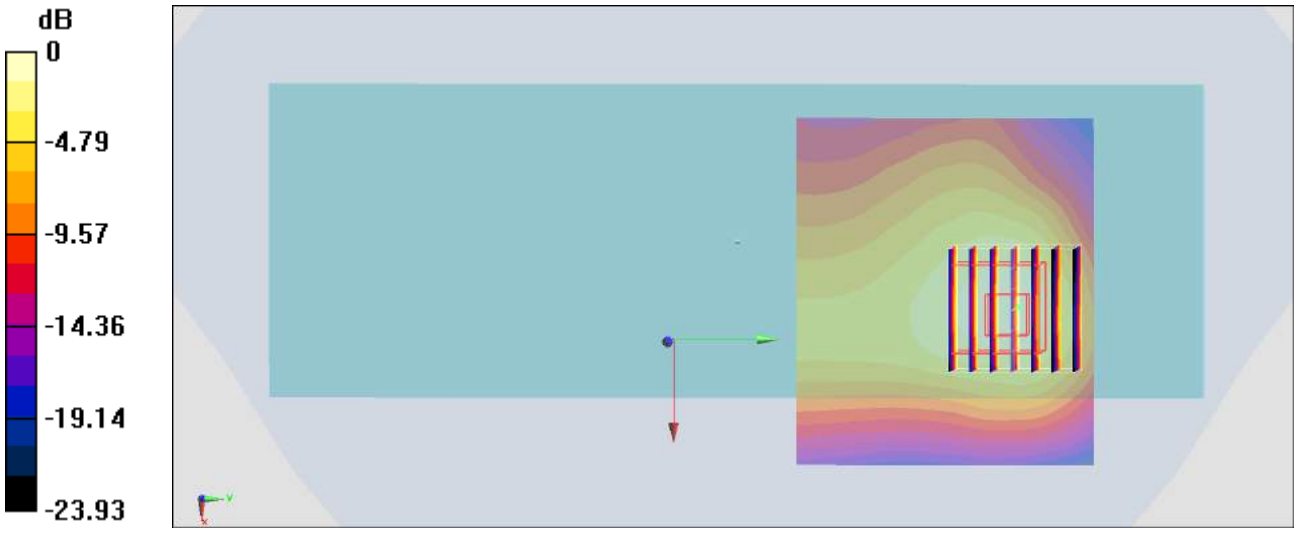
#119_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch1

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_180318 Medium parameters used: f = 2412 MHz; σ = 1.906 S/m; ε_r = 53.37; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.454 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.05 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.600 W/kg
SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.101 W/kg
Maximum value of SAR (measured) = 0.421 W/kg



0 dB = 0.421 W/kg = -3.76 dBW/kg

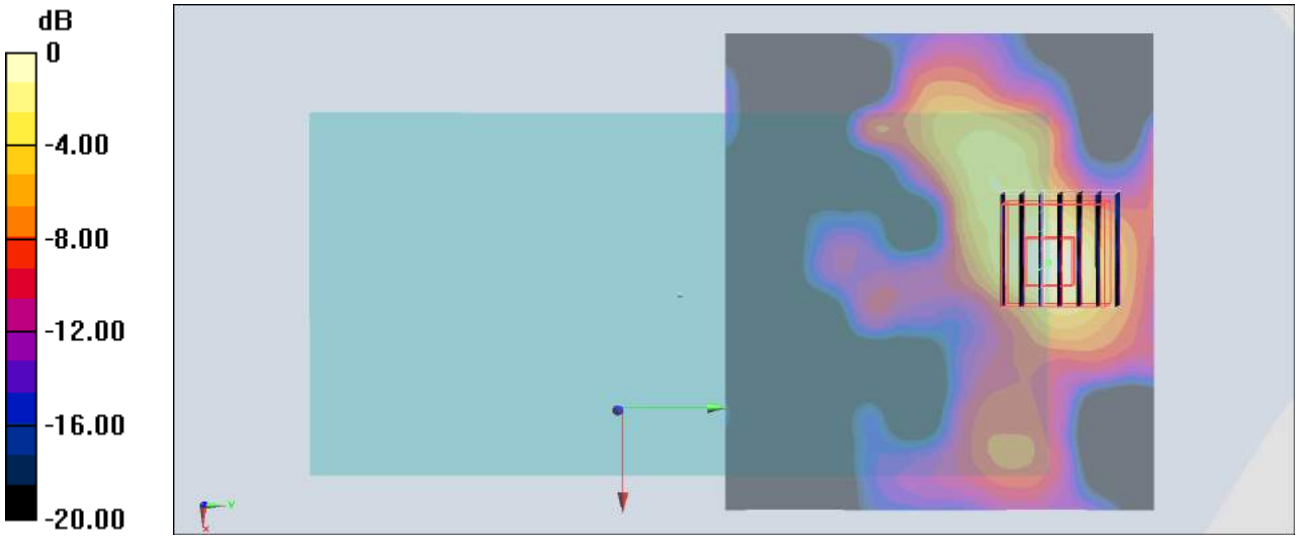
#120_WLAN5GHz_802.11ac-VHT80 MCS0_Front_10mm_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: MSL_5G_180318 Medium parameters used: f = 5775 MHz; σ = 6.075 S/m; ε_r = 47.55; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.505 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.482 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.849 W/kg
SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.057 W/kg
Maximum value of SAR (measured) = 0.502 W/kg



0 dB = 0.502 W/kg = -2.99 dBW/kg

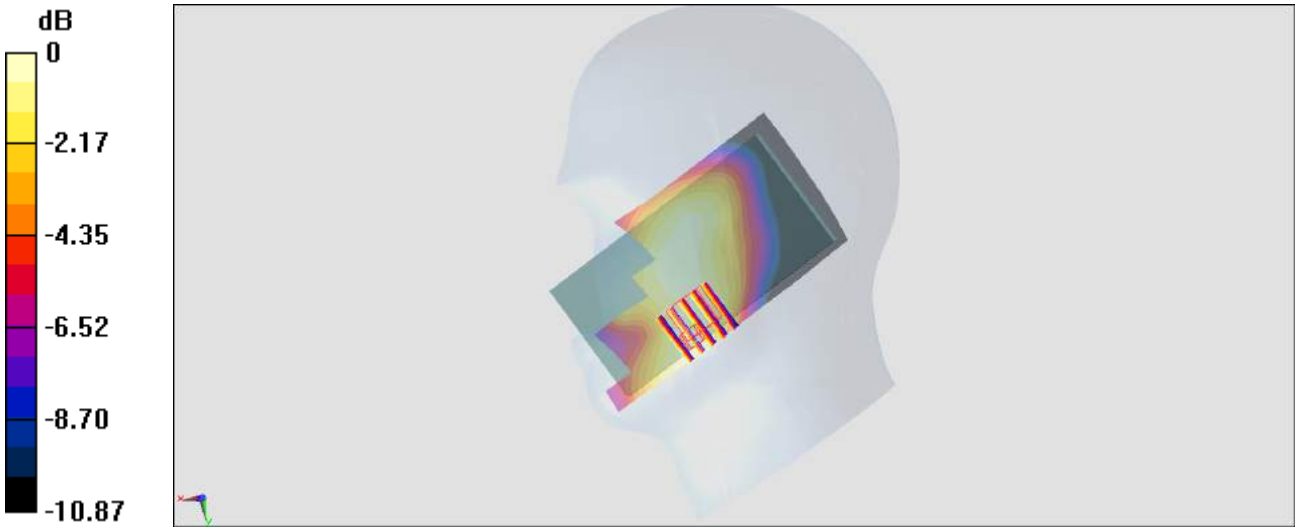
#121_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180320 Medium parameters used: f = 824.2 MHz; σ = 0.915 S/m; ε_r = 43.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.102 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.46 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.129 W/kg
SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.063 W/kg
Maximum value of SAR (measured) = 0.102 W/kg



0 dB = 0.102 W/kg = -9.91 dBW/kg

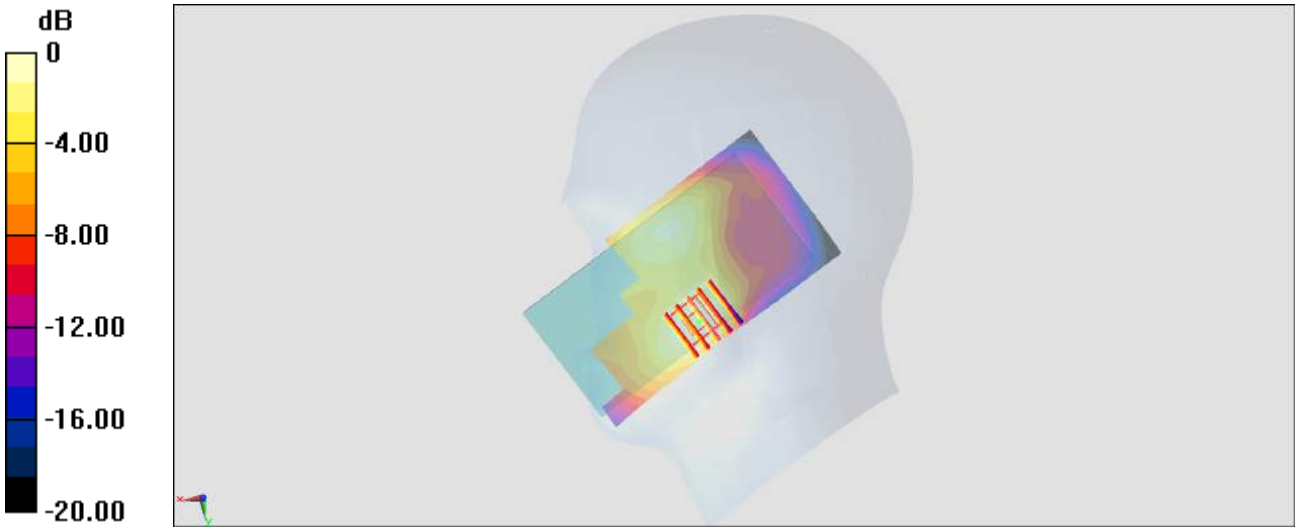
#122_LTE Band 2_20M_QPSK_1_0_Right Cheek_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180320 Medium parameters used: f = 1900 MHz; σ = 1.416 S/m; ε_r = 40.241; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.312 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.96 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.390 W/kg
SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.157 W/kg
Maximum value of SAR (measured) = 0.301 W/kg



0 dB = 0.301 W/kg = -5.21 dBW/kg

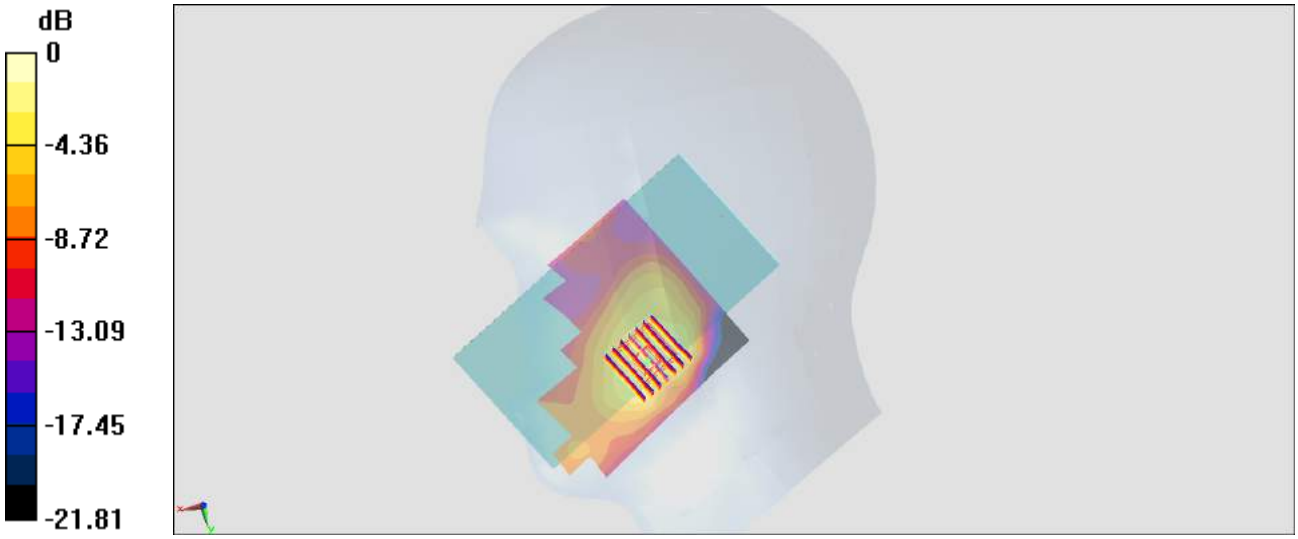
#123_LTE Band 7_20M_QPSK_1_0_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180321 Medium parameters used: f = 2560 MHz; σ = 1.952 S/m; ε_r = 39.451; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): 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 = 9.979 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.569 W/kg
SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.471 W/kg



0 dB = 0.471 W/kg = -3.27 dBW/kg

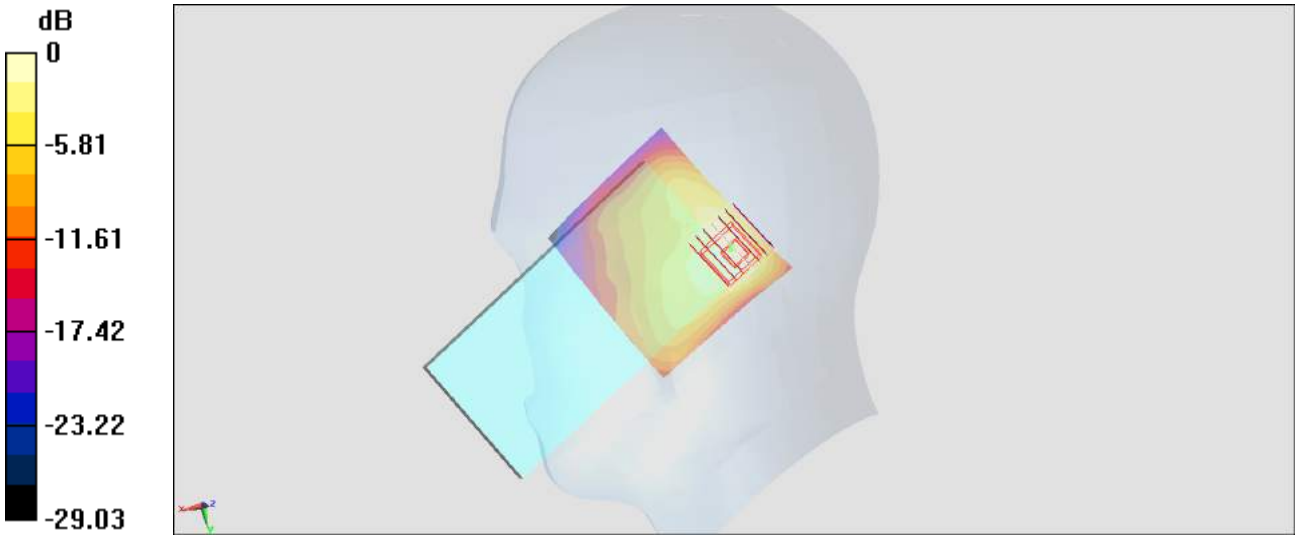
#124_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch1;Ant 1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_180321 Medium parameters used: f = 2412 MHz; σ = 1.782 S/m; ε_r = 40.041; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.472 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.50 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.574 W/kg
SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.445 W/kg



0 dB = 0.445 W/kg = -3.52 dBW/kg

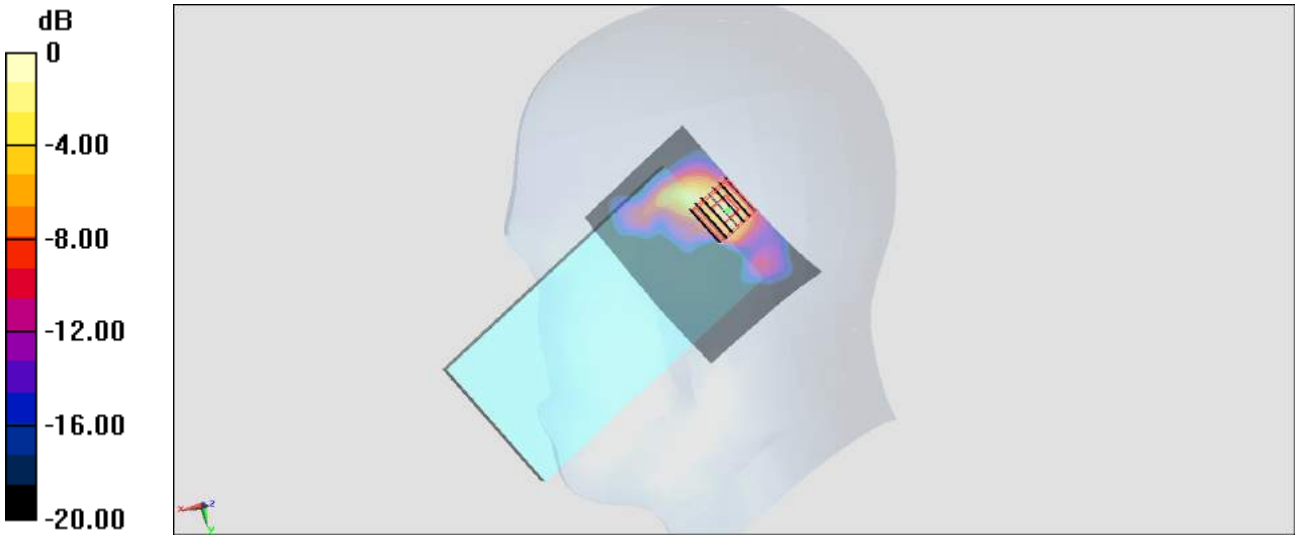
#125_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_180318 Medium parameters used: f = 5775 MHz; σ = 5.192 S/m; ε_r = 35.927; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.04, 5.04, 5.04); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.98 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.30 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 3.66 W/kg
SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 2.08 W/kg



0 dB = 2.08 W/kg = 3.18 dBW/kg

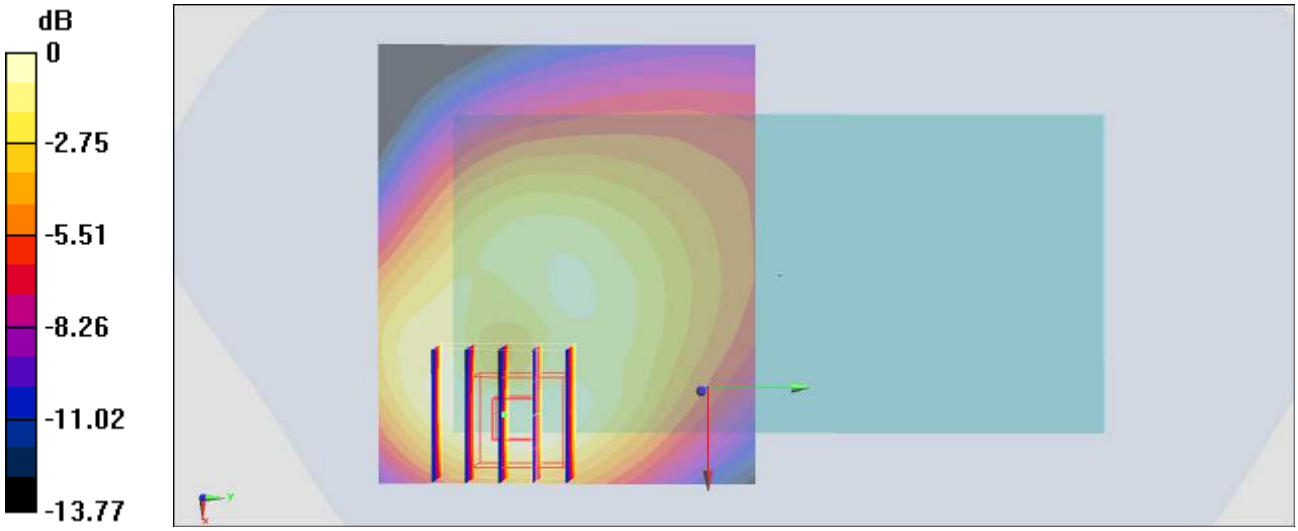
#126_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180320 Medium parameters used : f = 824.2 MHz; σ = 0.966 S/m; ε_r = 56.401; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.685 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.28 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.986 W/kg
SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.302 W/kg
Maximum value of SAR (measured) = 0.641 W/kg



0 dB = 0.641 W/kg = -1.93 dBW/kg

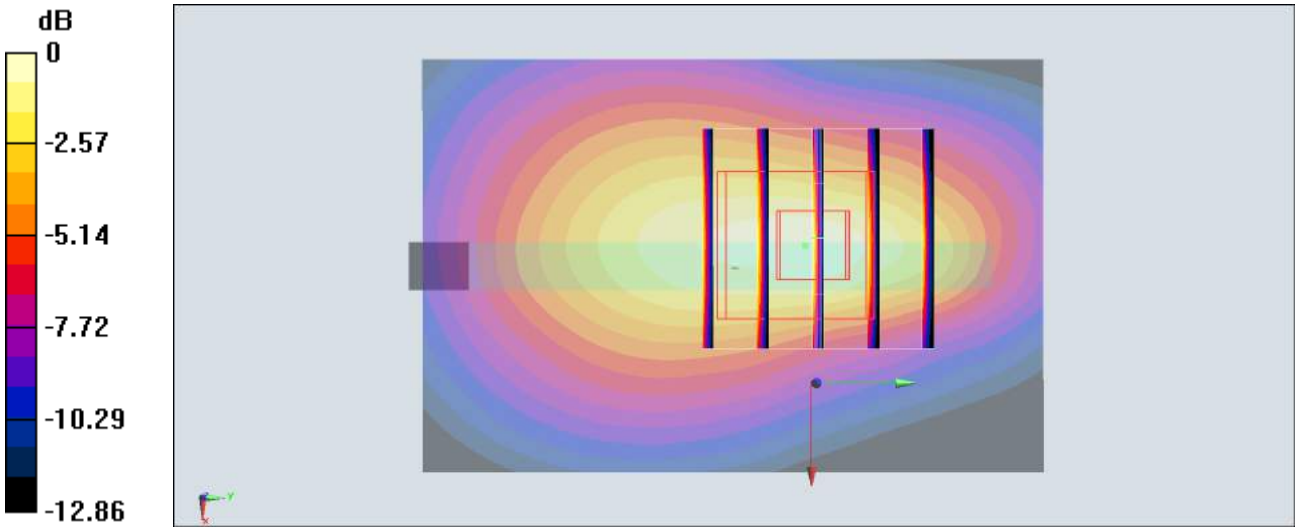
#127_LTE Band 2_20M_QPSK_1_0_Bottom Side_10mm_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180319 Medium parameters used: f = 1900 MHz; σ = 1.574 S/m; ε_r = 51.994; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.93 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.513 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

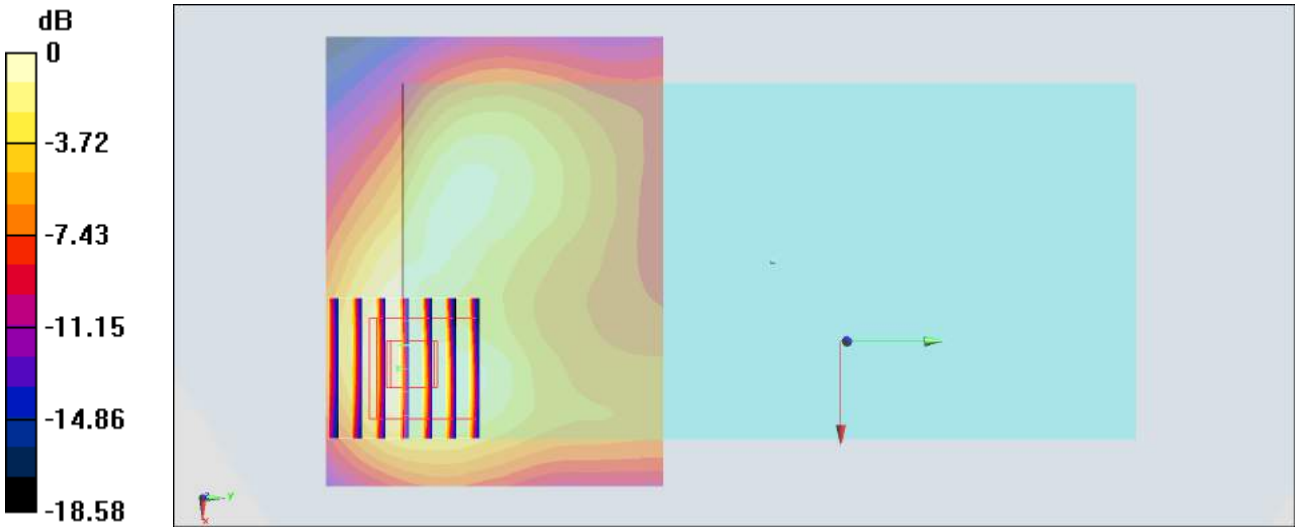
#128_LTE Band 7_20M_QPSK_50_0_Front_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180318 Medium parameters used: f = 2560 MHz; σ = 2.098 S/m; ε_r = 52.867; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.563 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.74 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.713 W/kg
SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 0.479 W/kg



0 dB = 0.479 W/kg = -3.20 dBW/kg

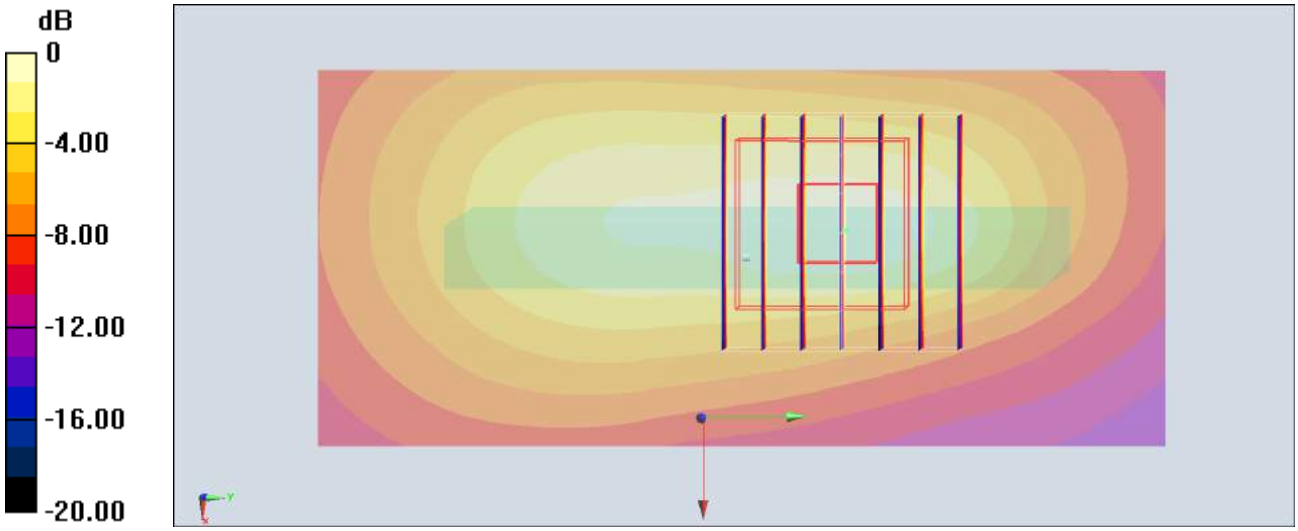
#129_WLAN2.4GHz_802.11b 1Mbps_Bottom Side_10mm_Ch11;Ant 2

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_180318 Medium parameters used: f = 2462 MHz; σ = 1.97 S/m; ε_r = 53.197; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.378 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.38 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.586 W/kg
SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.143 W/kg
Maximum value of SAR (measured) = 0.383 W/kg



0 dB = 0.383 W/kg = -4.17 dBW/kg

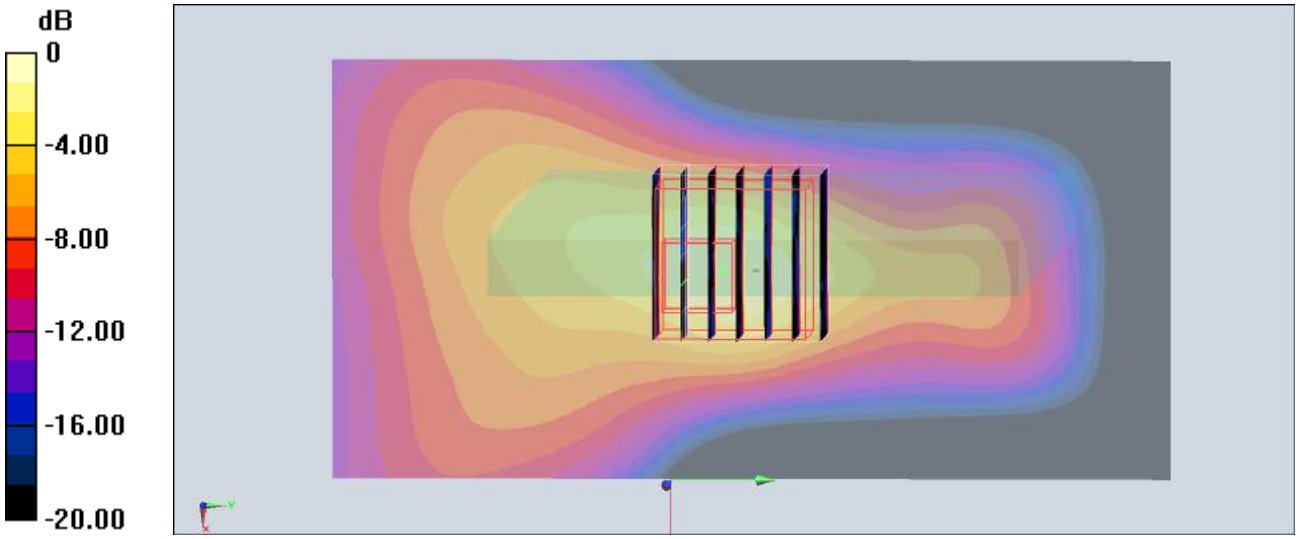
#130_WLAN5GHz_802.11ac-VHT80 MCS0_Top Side_10mm_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: MSL_5G_180321 Medium parameters used: f = 5775 MHz; σ = 6.037 S/m; ε_r = 46.779; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.340 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.295 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.818 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.050 W/kg
Maximum value of SAR (measured) = 0.477 W/kg



0 dB = 0.477 W/kg = -3.21 dBW/kg

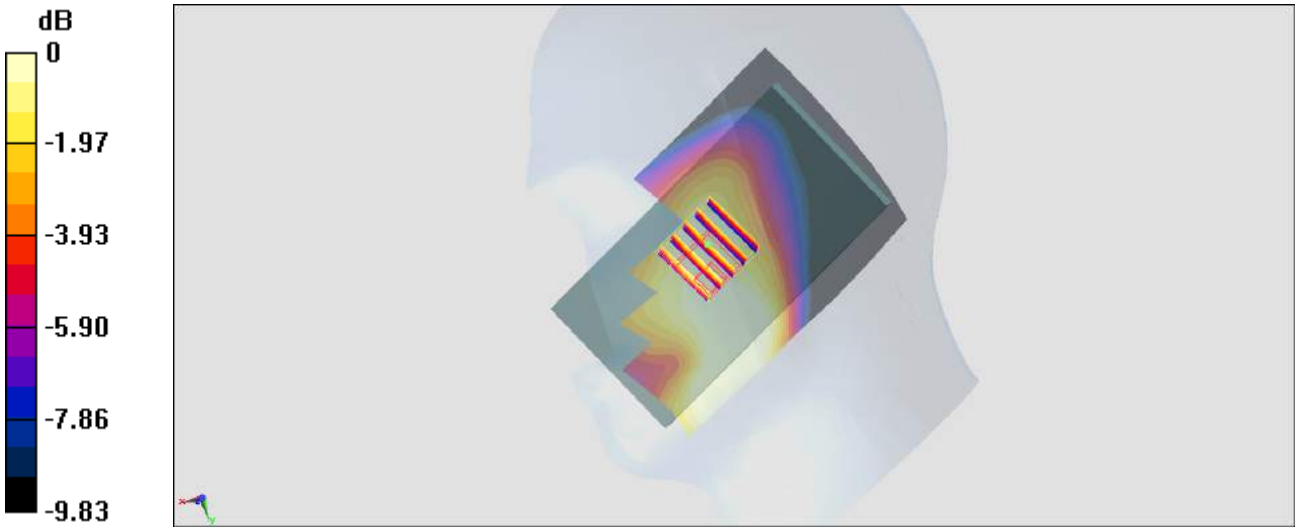
#131_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180327 Medium parameters used : f = 824.2 MHz; σ = 0.87 S/m; ε_r = 42.292; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.350 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.61 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.137 W/kg
SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.074 W/kg
Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.119 W/kg = -9.24 dBW/kg

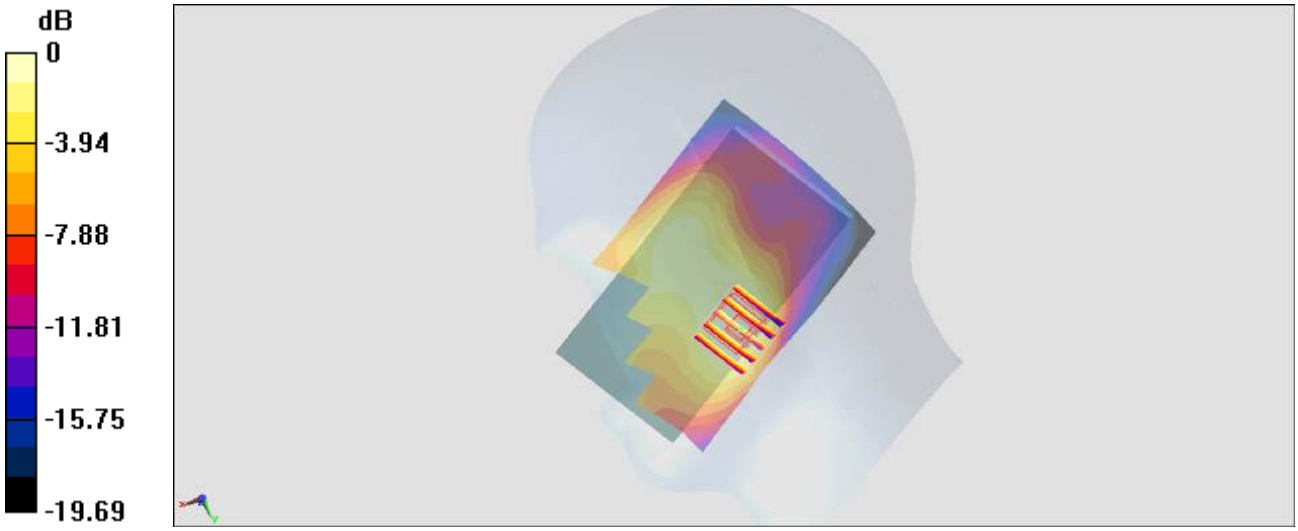
#132_LTE Band 2_20M_QPSK_1_0_Right Cheek_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180327 Medium parameters used: f = 1900 MHz; σ = 1.449 S/m; ε_r = 39.311; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.295 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.29 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.386 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 0.304 W/kg



0 dB = 0.304 W/kg = -5.17 dBW/kg

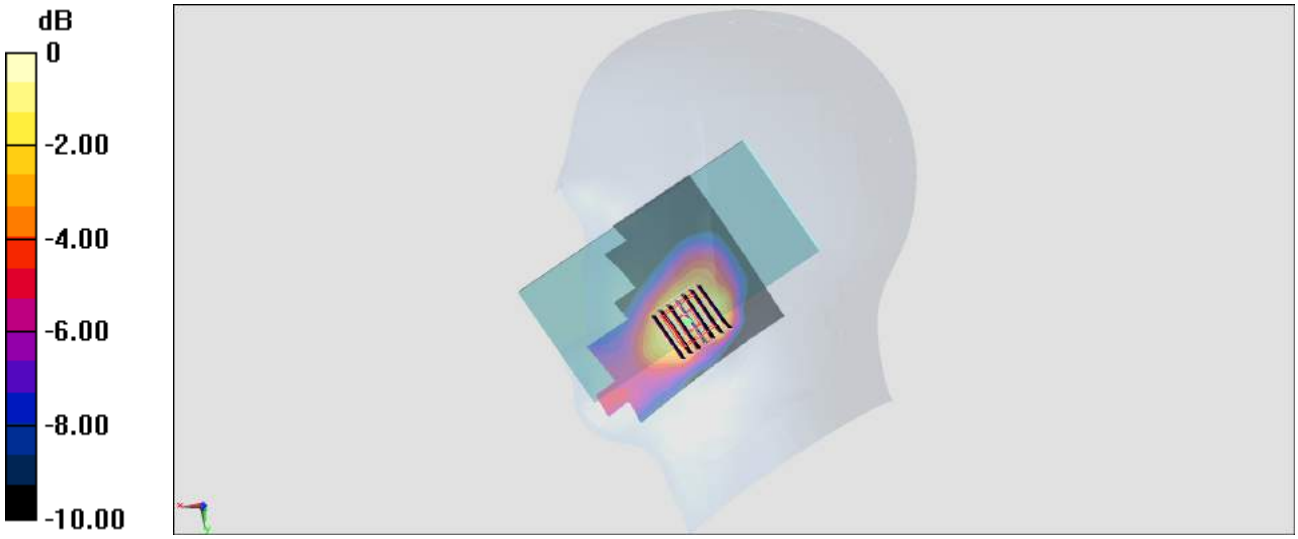
#133_LTE Band 7_20M_QPSK_1_0_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180325 Medium parameters used: f = 2560 MHz; σ = 1.949 S/m; ε_r = 39.511; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.544 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.38 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.635 W/kg
SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.195 W/kg
Maximum value of SAR (measured) = 0.518 W/kg



0 dB = 0.518 W/kg = -2.86 dBW/kg

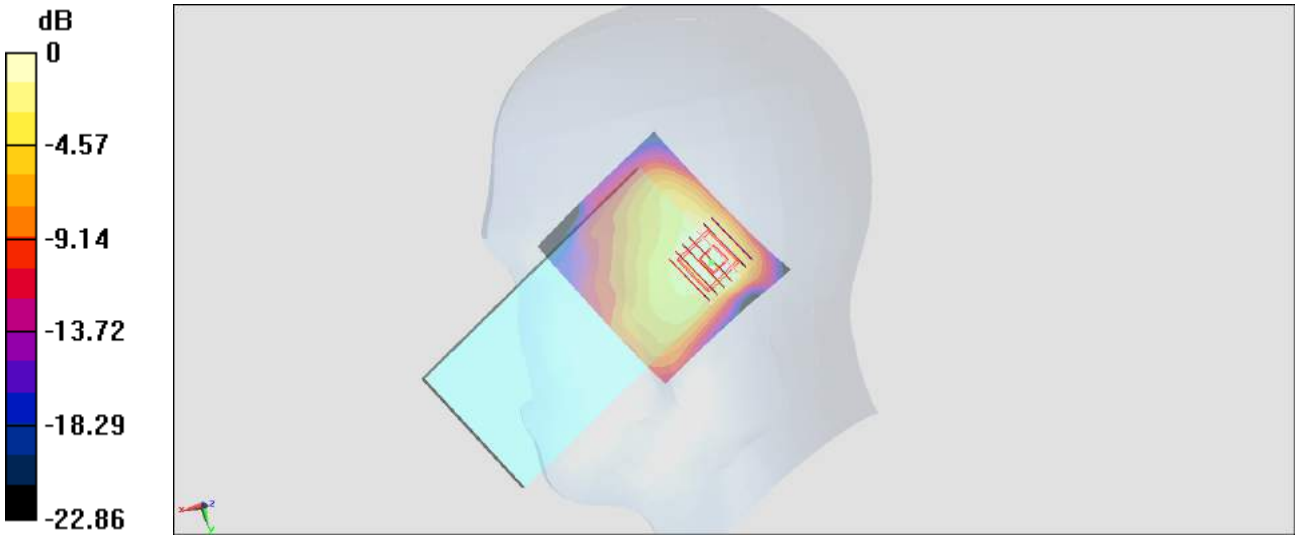
#134_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch1;Ant 1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_180325 Medium parameters used: f = 2412 MHz; σ = 1.78 S/m; ε_r = 40.101; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.408 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.53 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.470 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.134 W/kg
Maximum value of SAR (measured) = 0.379 W/kg



0 dB = 0.379 W/kg = -4.21 dBW/kg

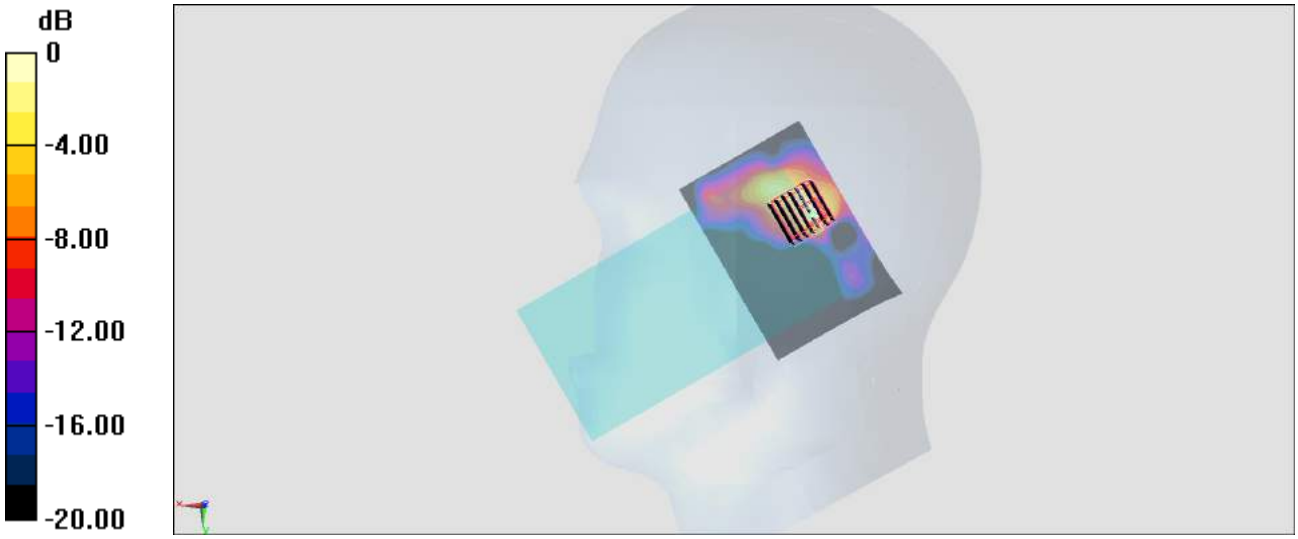
#135_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_180327 Medium parameters used: f = 5775 MHz; σ = 5.209 S/m; ε_r = 35.387; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.04, 5.04, 5.04); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.11 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.41 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 3.22 W/kg
SAR(1 g) = 0.651 W/kg; SAR(10 g) = 0.193 W/kg
Maximum value of SAR (measured) = 1.82 W/kg



0 dB = 1.82 W/kg = 2.60 dBW/kg

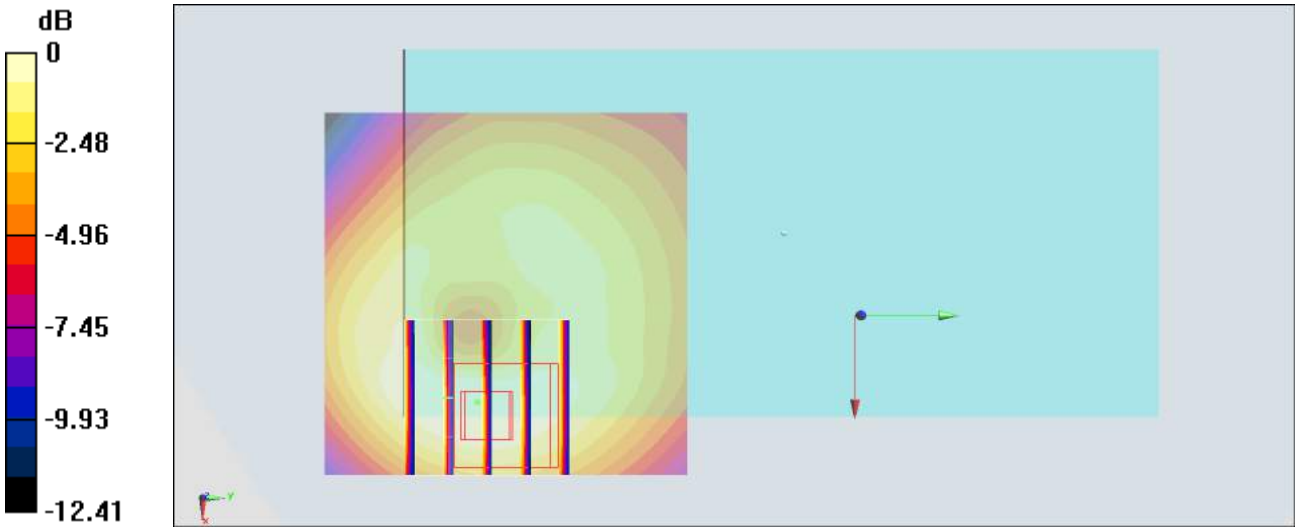
#136_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180324 Medium parameters used: f = 824.2 MHz; σ = 0.991 S/m; ε_r = 57.015; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.524 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.82 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.717 W/kg
SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.253 W/kg
Maximum value of SAR (measured) = 0.500 W/kg



0 dB = 0.500 W/kg = -3.01 dBW/kg

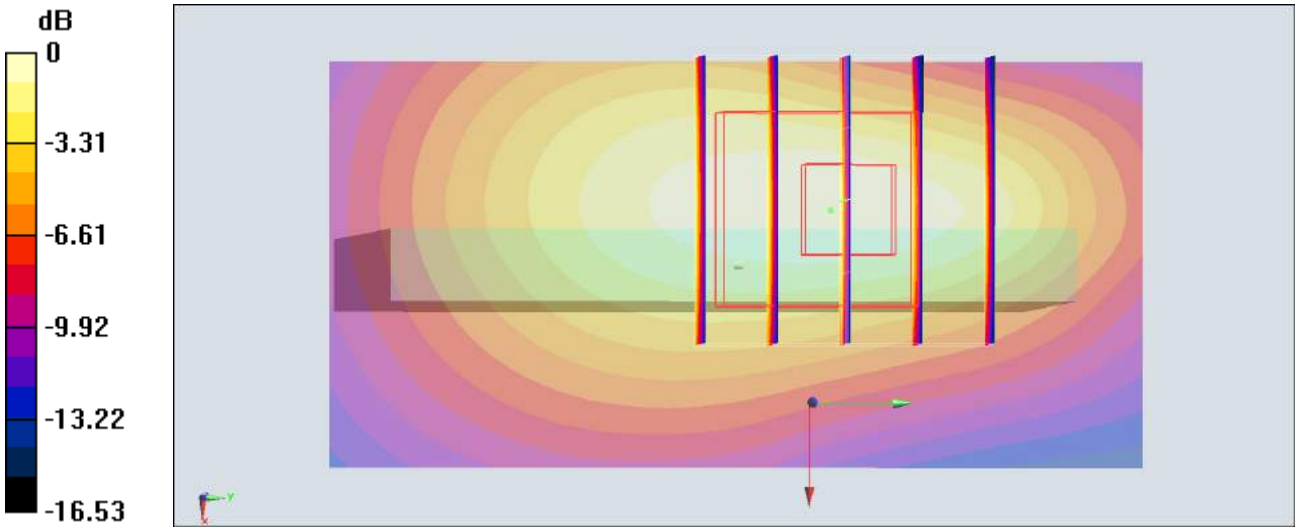
#137_LTE Band 2_20M_QPSK_1_0_Bottom Side_10mm_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180324 Medium parameters used: f = 1900 MHz; σ = 1.556 S/m; ε_r = 53.879; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (31x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.05 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.470 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

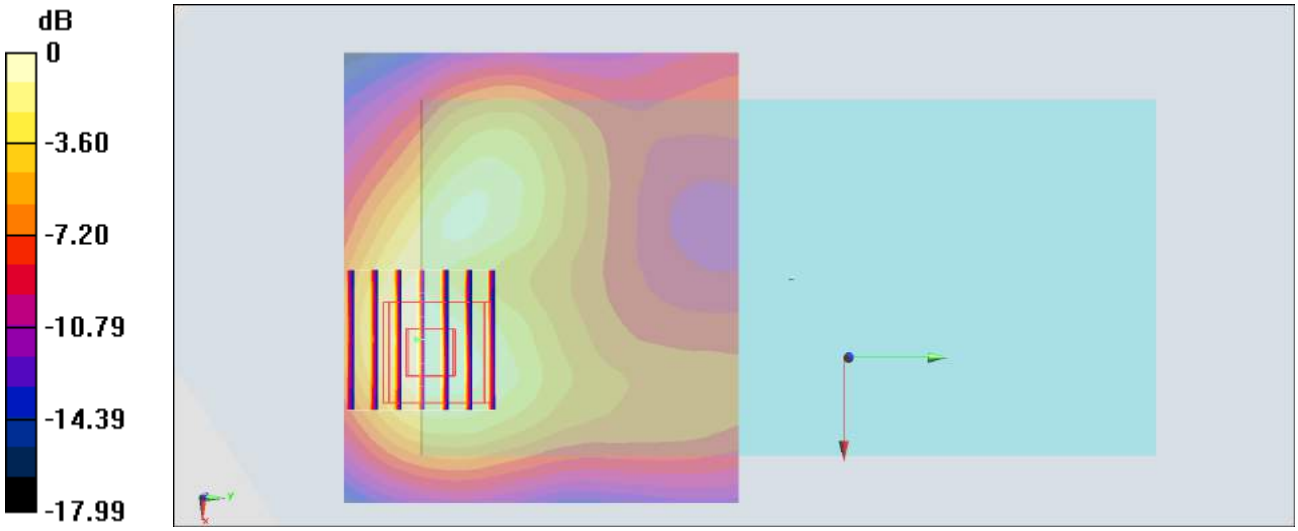
#138_LTE Band 7_20M_QPSK_50_0_Front_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180324 Medium parameters used: f = 2560 MHz; σ = 2.087 S/m; ε_r = 51.478; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.730 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.55 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.97 W/kg
SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.304 W/kg
Maximum value of SAR (measured) = 0.713 W/kg



0 dB = 0.713 W/kg = -1.47 dBW/kg

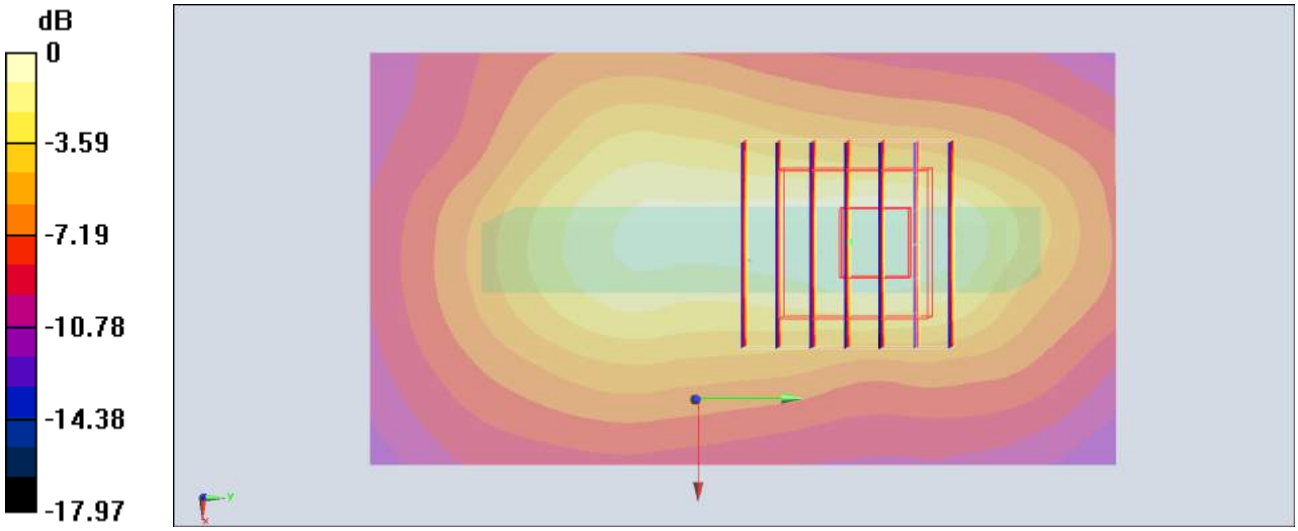
#139_WLAN2.4GHz_802.11b 1Mbps_Bottom Side_10mm_Ch11;Ant 2

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_180326 Medium parameters used: f = 2462 MHz; σ = 1.996 S/m; ε_r = 51.187; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.475 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.08 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.725 W/kg
SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.193 W/kg
Maximum value of SAR (measured) = 0.440 W/kg



0 dB = 0.440 W/kg = -3.57 dBW/kg

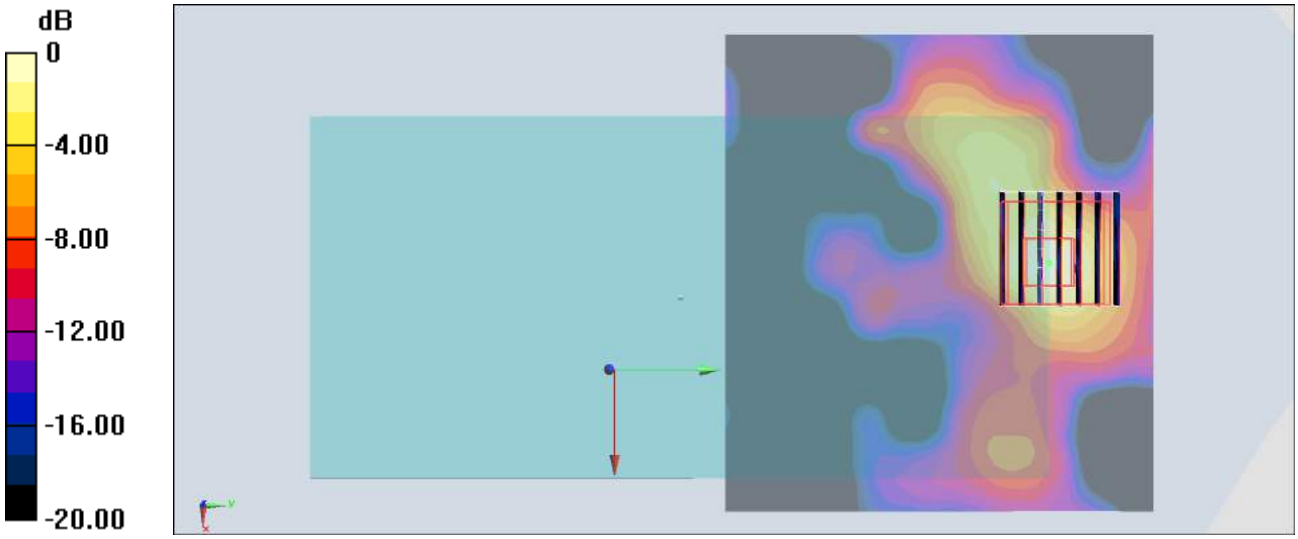
#140_WLAN5GHz_802.11ac-VHT80 MCS0_Front_10mm_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: MSL_5G_180327 Medium parameters used: f = 5775 MHz; σ = 6.202 S/m; ε_r = 47.256; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.515 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.482 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.867 W/kg
SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.513 W/kg



0 dB = 0.513 W/kg = -2.90 dBW/kg

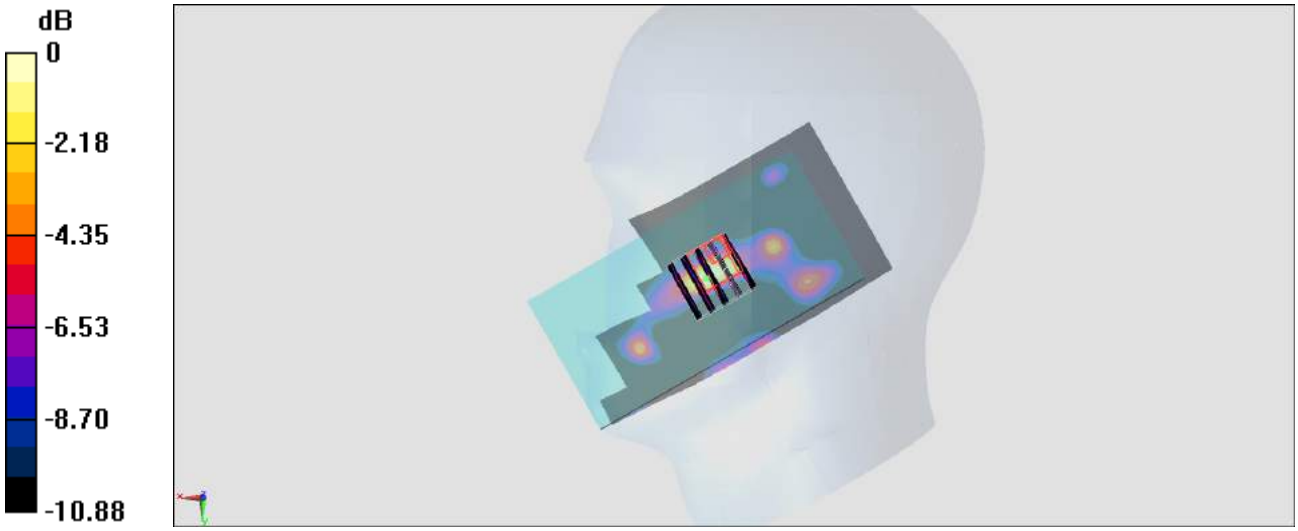
#141_GSM850_GPRS (2 Tx slots)_Right Cheek_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180317 Medium parameters used: f = 849 MHz; σ = 0.909 S/m; ε_r = 43.148; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.160 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.761 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.150 W/kg



0 dB = 0.150 W/kg = -8.24 dBW/kg

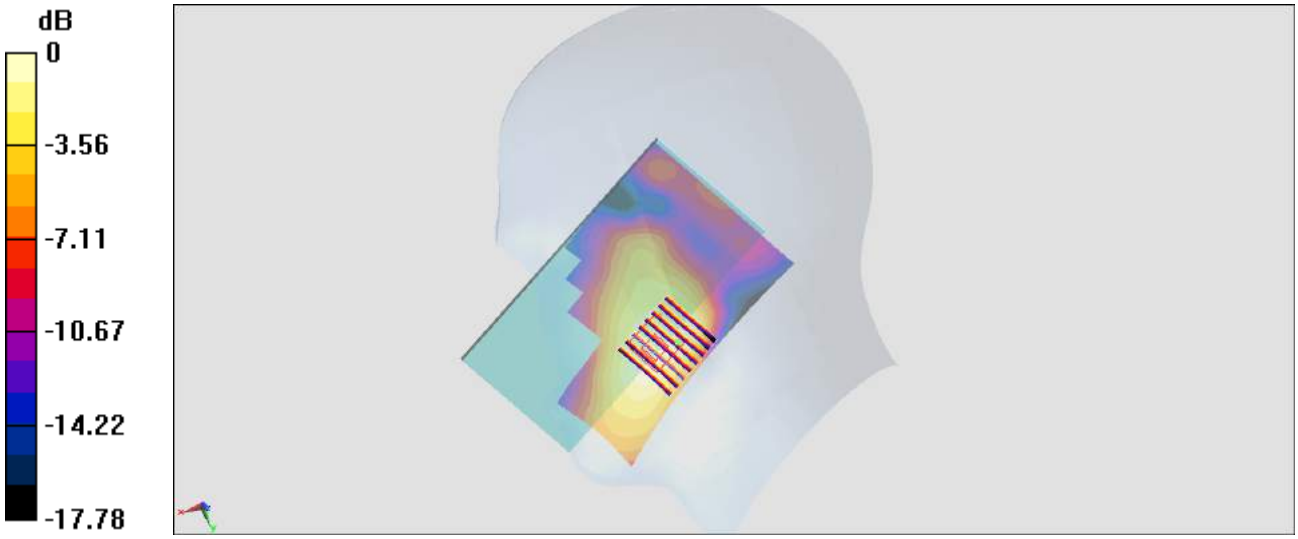
#142_LTE Band 7_20M_QPSK_1_99_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180315 Medium parameters used: f = 2560 MHz; σ = 1.986 S/m; ε_r = 39.351; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.03 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.350 W/kg
Maximum value of SAR (measured) = 0.929 W/kg



0 dB = 0.929 W/kg = -0.32 dBW/kg

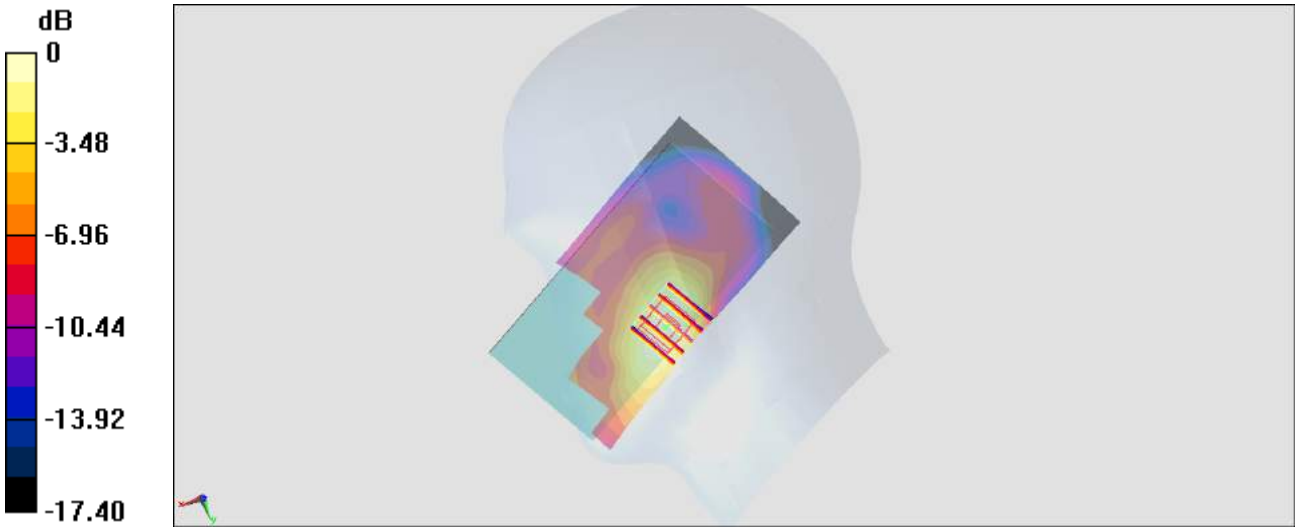
#143_LTE Band 25_20M_QPSK_1_0_Right Cheek_Ch26140

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180317 Medium parameters used: f = 1860 MHz; σ = 1.391 S/m; ε_r = 41.277; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.350 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.21 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.436 W/kg
SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.178 W/kg
Maximum value of SAR (measured) = 0.341 W/kg



0 dB = 0.341 W/kg = -4.67 dBW/kg

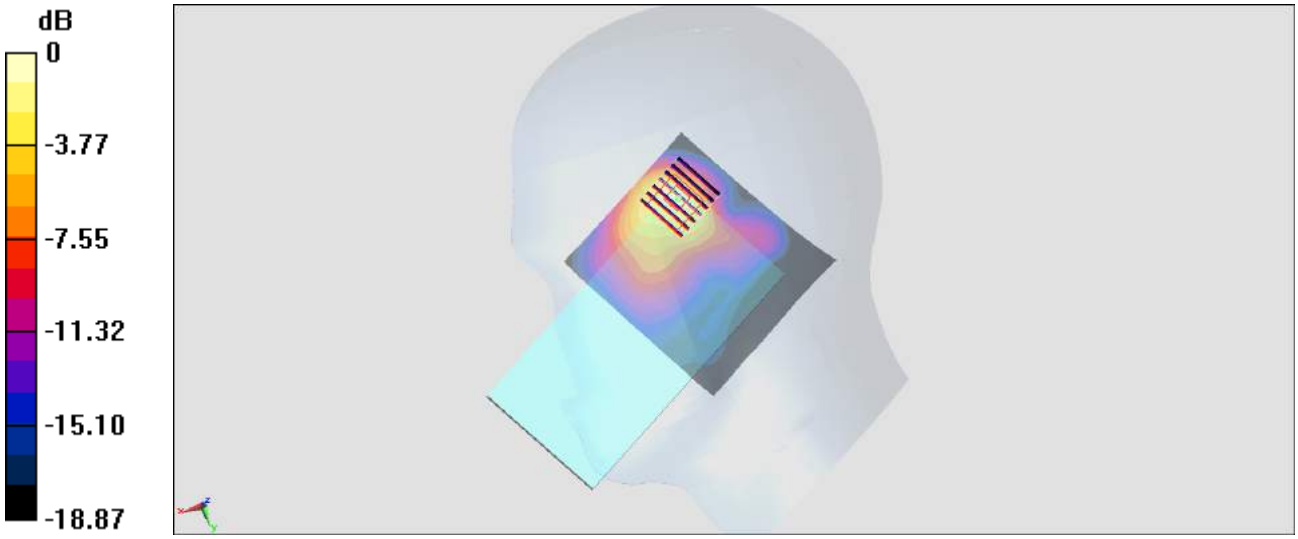
#144_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.006
Medium: HSL_2450_180315 Medium parameters used: f = 2437 MHz; σ = 1.844 S/m; ε_r = 39.83; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.80 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.360 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



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

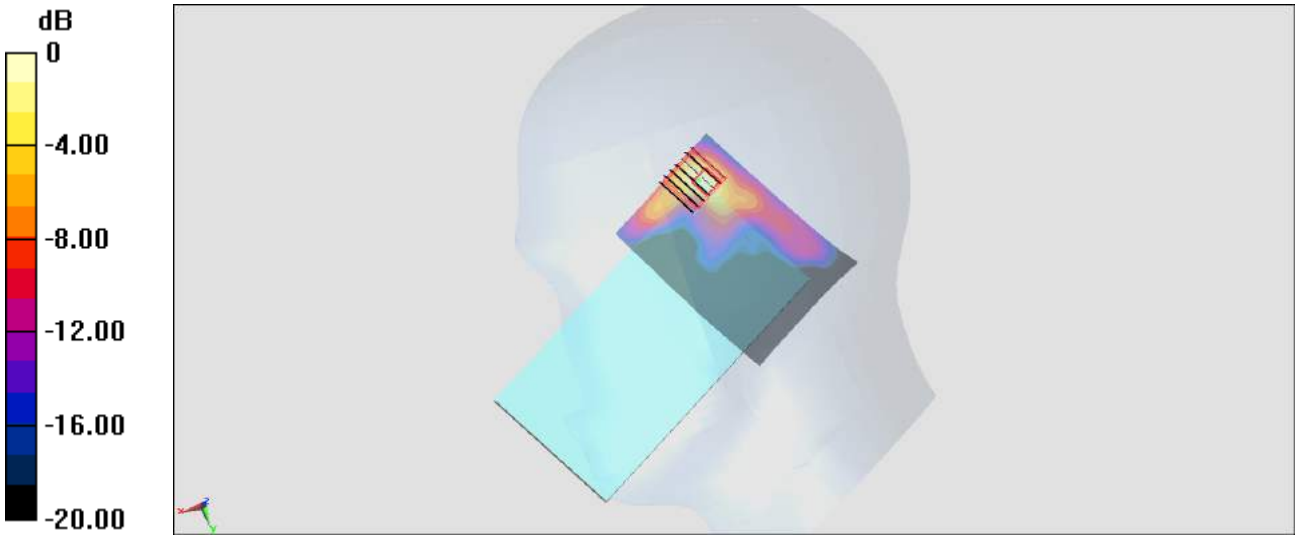
#145_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.149
Medium: HSL_5G_180314 Medium parameters used: f = 5690 MHz; σ = 4.983 S/m; ε_r = 35.319; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.04, 5.04, 5.04); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.83 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.463 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 3.69 W/kg
SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.194 W/kg
Maximum value of SAR (measured) = 2.08 W/kg



0 dB = 2.08 W/kg = 3.18 dBW/kg

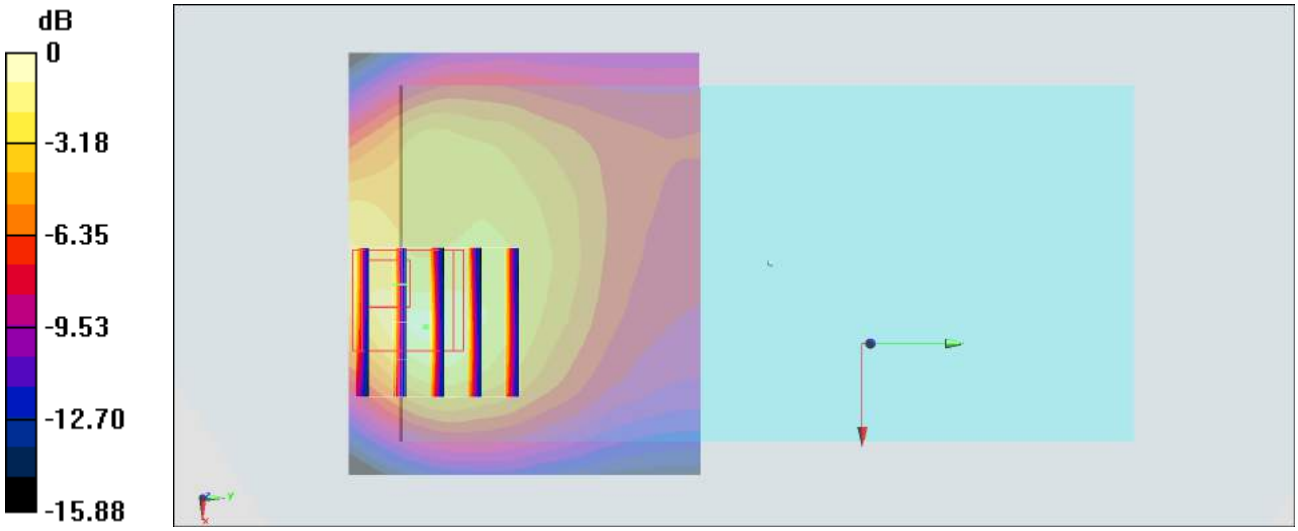
#146_GSM850_GPRS (2 Tx slots)_Front_5mm_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium: MSL_850_180317 Medium parameters used: f = 849 MHz; σ = 0.956 S/m; ε_r = 56.537; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.325 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.67 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.624 W/kg
SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.385 W/kg



0 dB = 0.385 W/kg = -4.15 dBW/kg

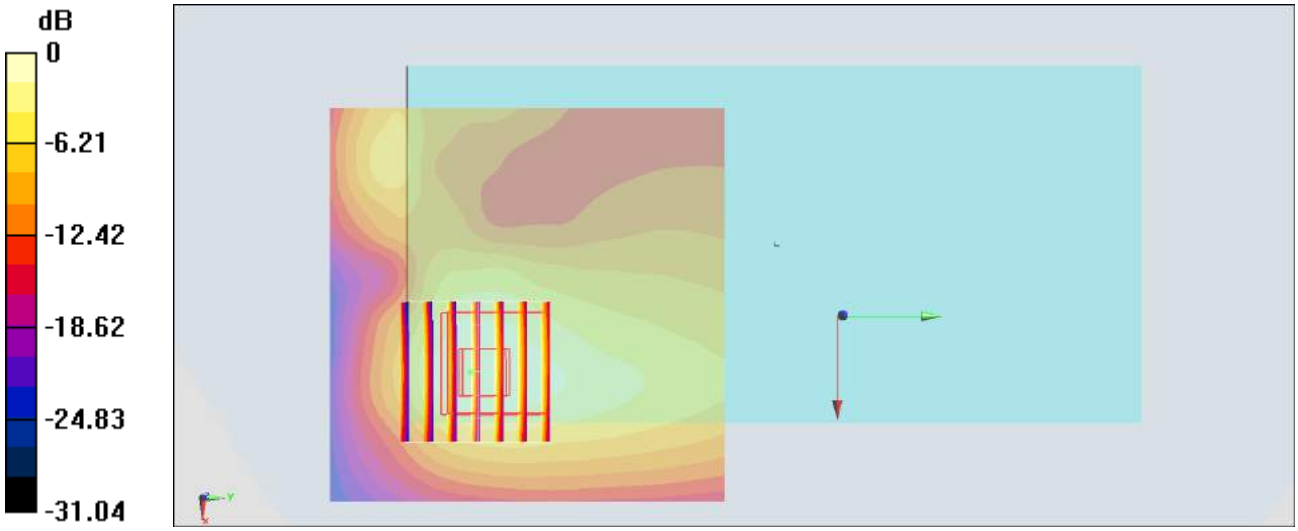
#147_LTE Band 7_20M_QPSK_50_50_Front_5mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180317 Medium parameters used: f = 2560 MHz; σ = 2.135 S/m; ε_r = 54.404; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.743 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.21 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.262 W/kg
Maximum value of SAR (measured) = 0.672 W/kg



0 dB = 0.672 W/kg = -1.73 dBW/kg

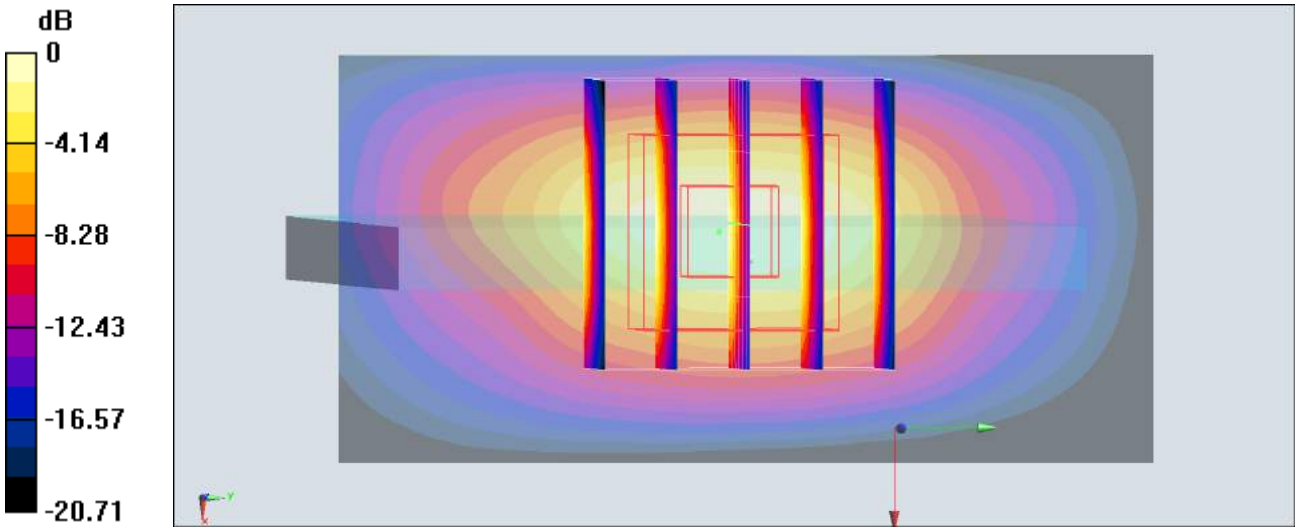
#148_LTE Band 25_20M_QPSK_50_0_Bottom Side_5mm_Ch26590

Communication System: LTE ; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180317 Medium parameters used: f = 1905 MHz; σ = 1.582 S/m; ε_r = 54.86; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (31x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.48 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.74 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.27 W/kg
SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.481 W/kg
Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

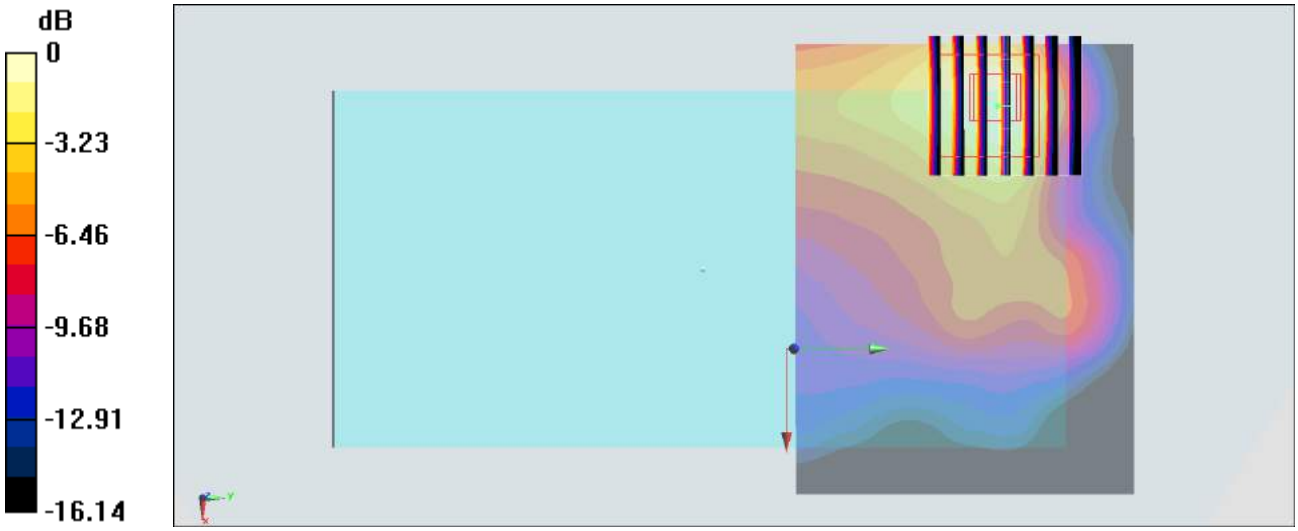
#149_WLAN2.4GHz_802.11b 1Mbps_Front_5mm_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.006
Medium: MSL_2450_180316 Medium parameters used: f = 2437 MHz; σ = 1.981 S/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.875 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.32 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.289 W/kg
Maximum value of SAR (measured) = 0.780 W/kg



0 dB = 0.780 W/kg = -1.08 dBW/kg

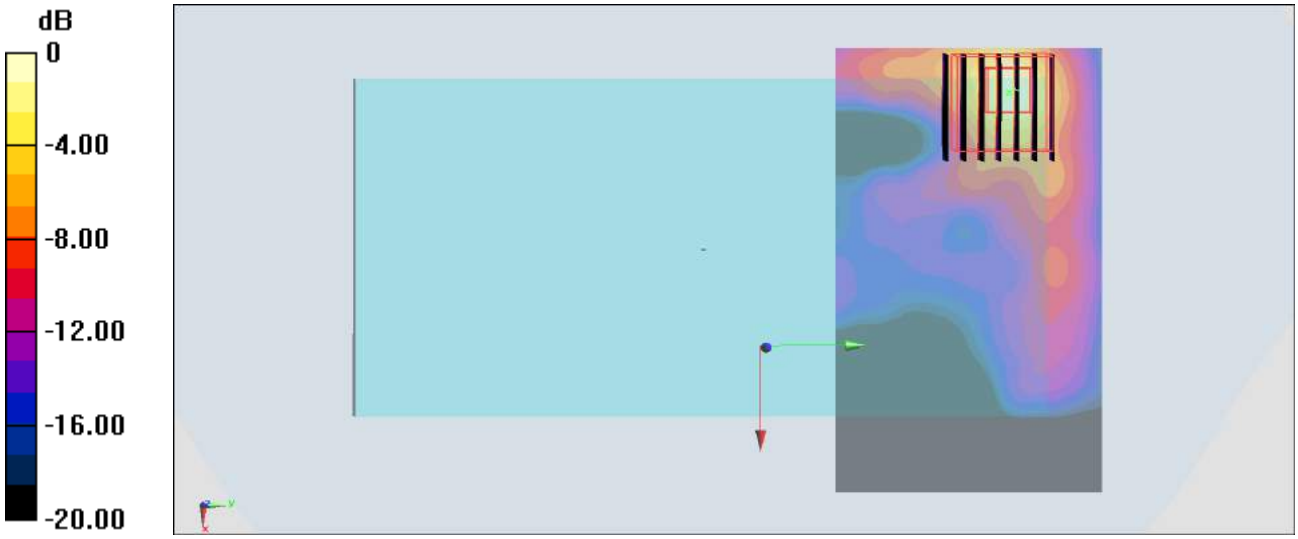
#150_WLAN5GHz_802.11ac-VHT80 MCS0_Front_5mm_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.149
Medium: MSL_5G_180318 Medium parameters used: f = 5690 MHz; σ = 5.958 S/m; ε_r = 47.696; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.227 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 2.22 W/kg
SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

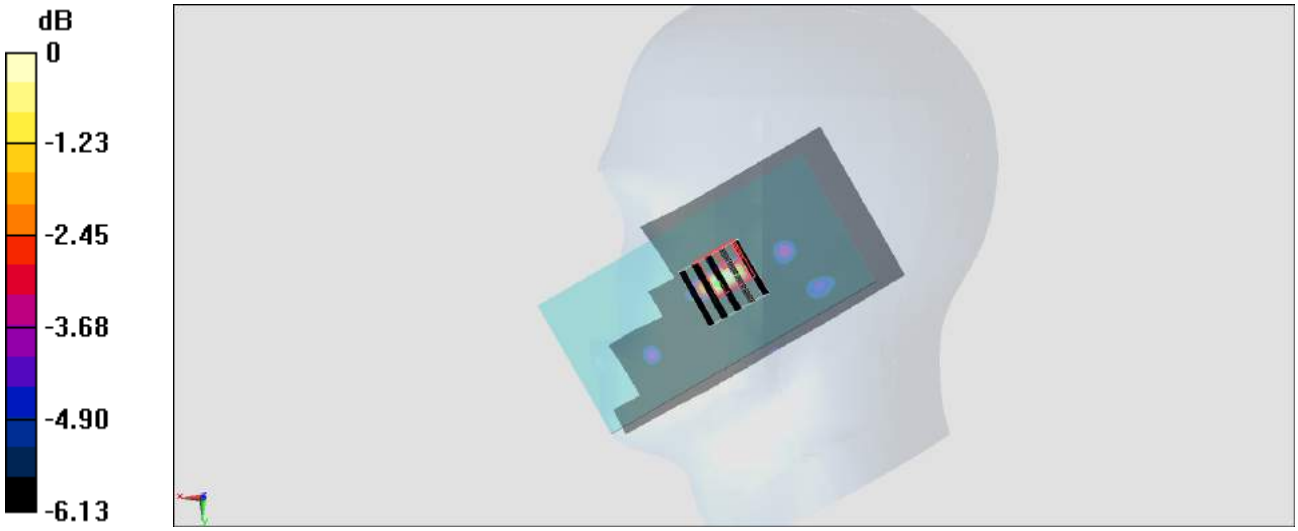
#151_GSM850_GPRS (2 Tx slots)_Right Cheek_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180317 Medium parameters used: f = 849 MHz; σ = 0.909 S/m; ε_r = 43.148; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.160 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.761 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.150 W/kg



0 dB = 0.150 W/kg = -8.24 dBW/kg

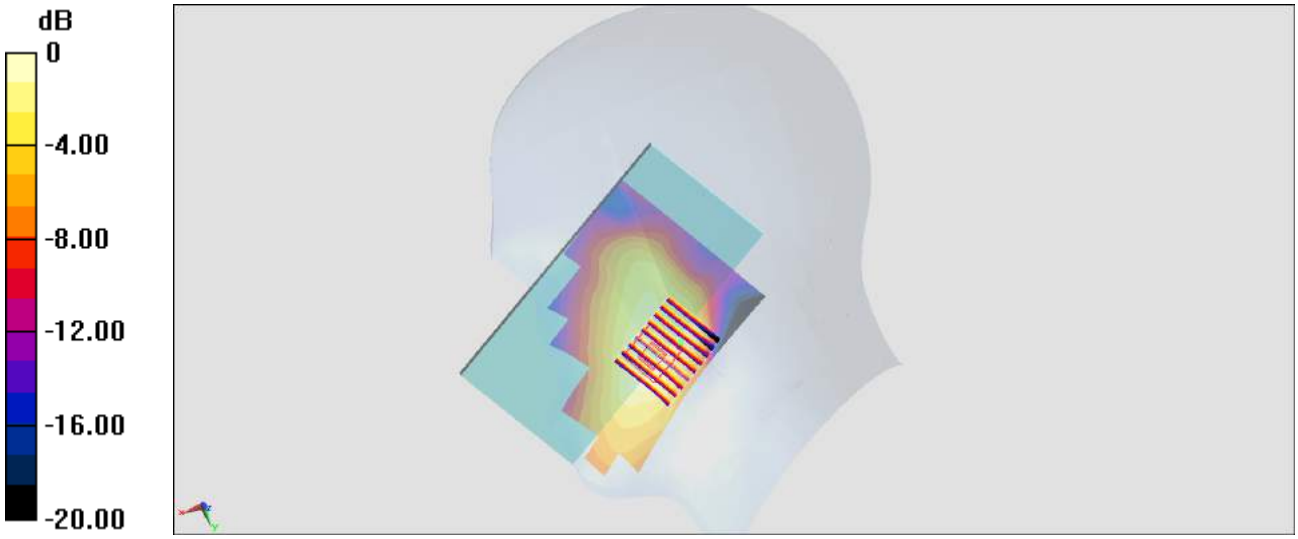
#152_LTE Band 7_20M_QPSK_1_99_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180317 Medium parameters used: f = 2560 MHz; σ = 1.966 S/m; ε_r = 39.575; ρ = 1000 kg/m^3
B n c j f o u ! U f n q 23.4 W < fpÉ M j r v j e ! U f n 22.4 W b u v s fpÉ

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.929 W/kg

Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.75 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.336 W/kg
Maximum value of SAR (measured) = 0.903 W/kg



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

#153_LTE Band 25_20M_QPSK_1_0_Right Cheek_Ch26140

&RPPXQLFDWLRQ 6\VWHP 7)UHTXHQF\ 0+] 'XW\ &\FOH
0HGLXP +6/B B 0HGLXP SDUDPHWHUV XVHG I 0+]
NJ P
Bncjfou!Ufnqfsbuvsf!)pD*;!!!!Mjrvje!Ufnqfsbuvsf!)pD*;

'$6< &RQILJXUDWLRQ
3UREH (6 '9 61 &RQY)&DOLEUDWHG
6HQVRU 6XUIDFH PP 0HFKDQLFDO 6XUIDFH 'HWHFWLRQ
(OHFWURQLFV '$(6Q &DOLEUDWHG
3KDQWRP 6$0 B/HIW 7\SH 4' 3 &' 6HULDO 73
0HDVXUHPHQW 6: 9HUVLRQ 6(&$' 9

Area Scan (61x121x1): ,QWHUSRODWHG JULG G[G\ PP
0D[LPXP YDOXH RI 6$5 LQWHUSRODWHG

Zoom Scan (5x5x7)/Cube 0: 0HDVXUHPHQW JULG G[PP G\ PP G] PP
5HIHUHQFH 9DOXH 9 P 3RZHU 'ULIW
3HDN 6$5 H[WUDSRODWHG : NJ
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.173 W/kg
0D[LPXP YDOXH RI 6$5 PHDVXUHG : NJ

G% : NJ G%: NJ

#154_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

&RPPXQLFDWLRQ 6\VWHPXHQF\ 0+] 'XW\ &\FOH
0HGLXP +6/B B 0HGLXP SDUDPHWHUV 6VHG 0 I ! 0+]
NJ P
Bncjfou!UfnqfsbuvsfpÉ Wjrvje!UfnqfsbuvsfpÉ

'$6< &RQILJXUDWLRQ
3UREH (; '9 61 &RQY)&DOLEUDWHG
6HQVRU 6XUIDFH PP 0HFKDQLFDO 6XUIDFH
(OHFWURQLFV '$(6Q &DOLEUDWHG
3KDQWRP/HIW 6$0 7 4' 3 & 6HULDO 73
0HDVXUHPHQW 6HUVLRQ 6HUVLRQ

Area Scan (81x71x1): ,QWHUSRODWHG PULG\ PP
0D[LPXP YDOXH RI 6$5 LQNJ WHUSRODWHG

Zoom Scan (8x7x7)/Cube 0: 0HDVXUHPHQW G[PP G\ PP G] PP
5HIHUHQFH 9 P 3RZHU% 'ULIW
3HDN 6$5 H[WUDSRODWHG : NJ
SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.354 W/kg
0D[LPXP YDOXH RI 6$5 PHDVXUHG : NJ

G% : NJ G%: NJ

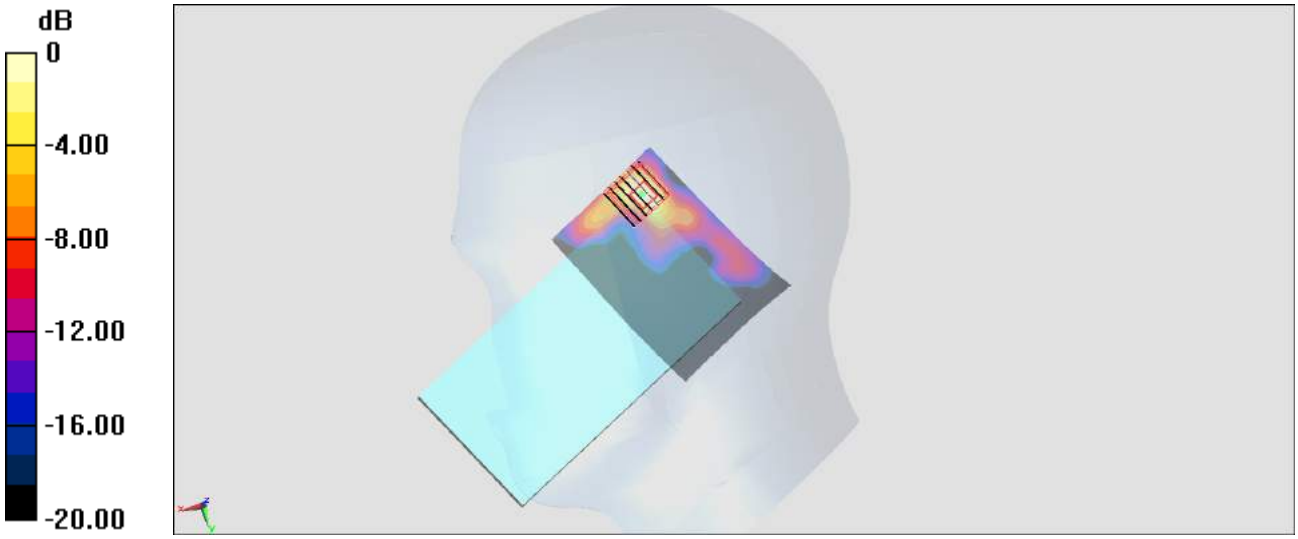
#155_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.149
Medium: HSL_5G_180318 Medium parameters used: f = 5690 MHz; σ = 5.101 S/m; ε_r = 36.009; ρ = 1000 kg/m^3
B n c j f o u ! U f n q 23.3 W < fpÉ M j r v j e ! U f n q 22.3 W b u v s fpÉ

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.04, 5.04, 5.04); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.83 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.338 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 3.32 W/kg
SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.203 W/kg
Maximum value of SAR (measured) = 1.88 W/kg



0 dB = 1.88 W/kg = 2.74 dBW/kg

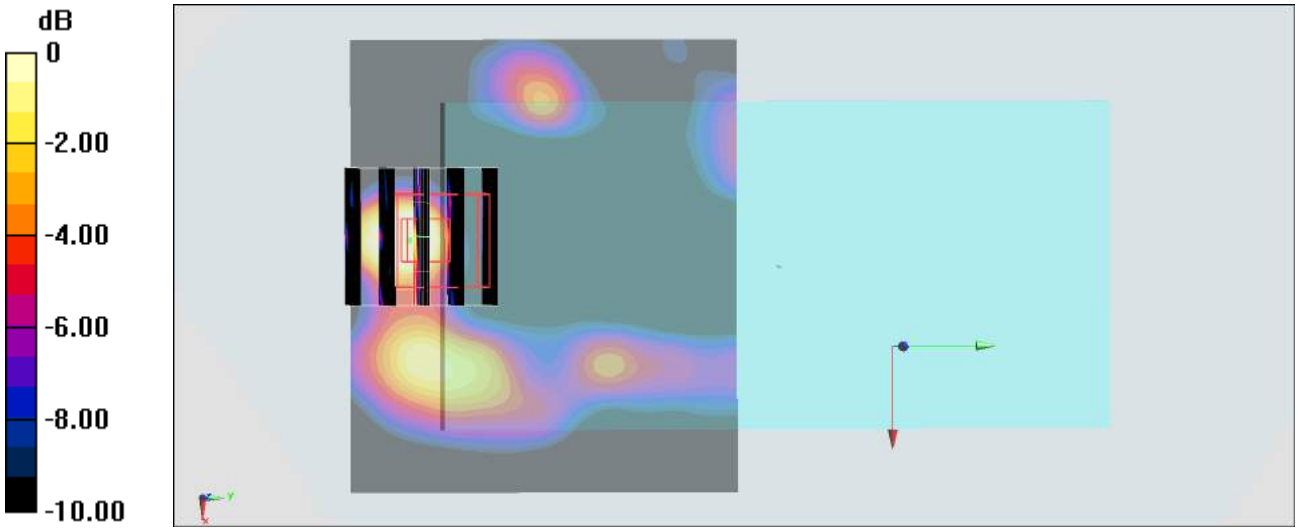
#156_GSM850_GPRS (2 Tx slots)_Front_5mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium: MSL_850_180315 Medium parameters used: f = 849 MHz; σ = 0.989 S/m; ε_r = 56.204; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.41 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.024 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.788 W/kg
SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.682 W/kg



0 dB = 0.682 W/kg = -1.66 dBW/kg

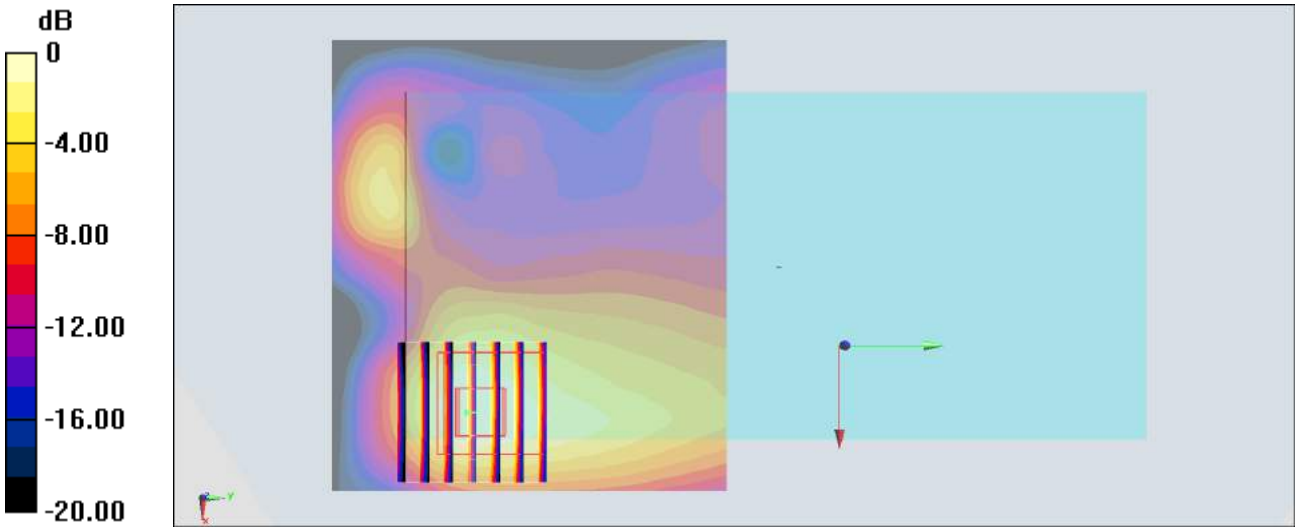
#157_LTE Band 7_20M_QPSK_50_50_Front_5mm_Ch21350

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180314 Medium parameters used: f = 2560 MHz; σ = 2.151 S/m; ε_r = 51.992; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.773 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.10 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.271 W/kg
Maximum value of SAR (measured) = 0.669 W/kg



0 dB = 0.669 W/kg = -1.75 dBW/kg

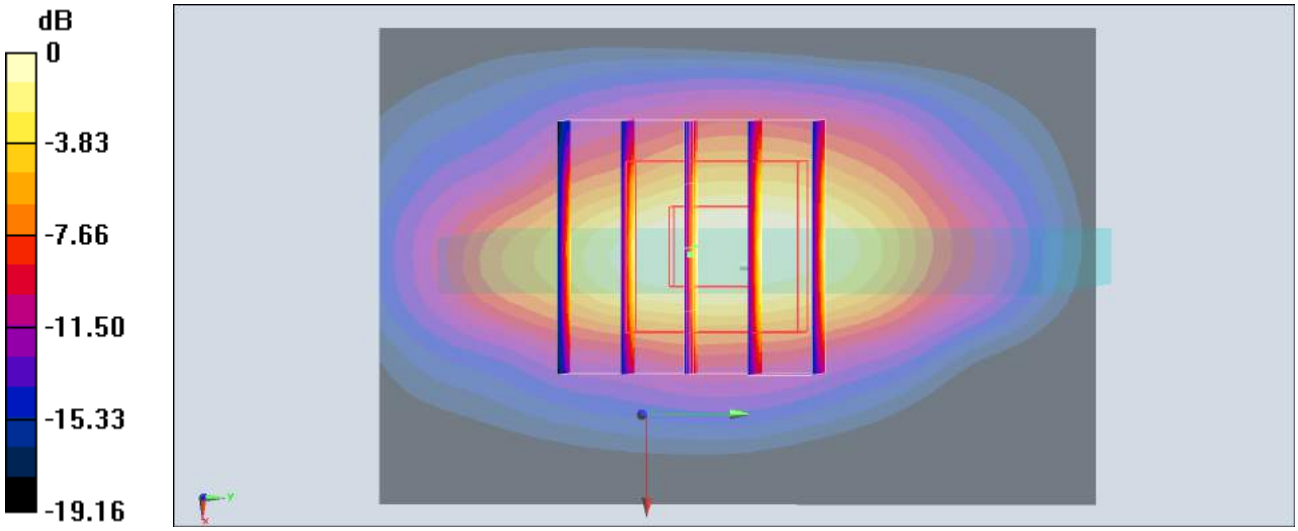
#158_LTE Band 25_20M_QPSK_50_0_Bottom Side_5mm_Ch26140

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180315 Medium parameters used: f = 1860 MHz; σ = 1.505 S/m; ε_r = 54.325; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.36 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.83 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.507 W/kg
Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

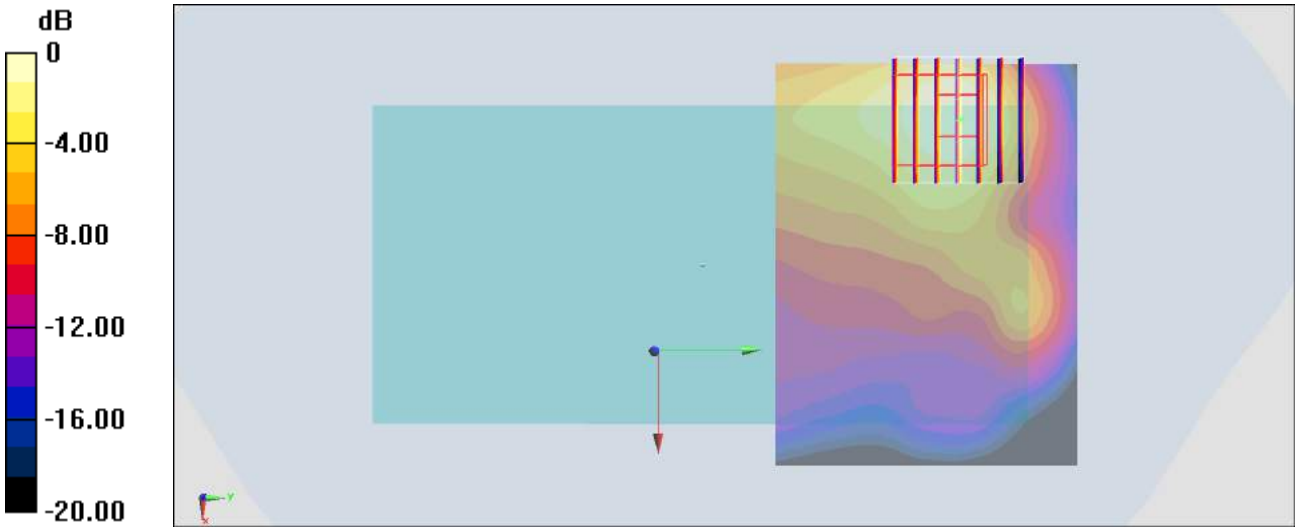
#159_WLAN2.4GHz_802.11b 1Mbps_Front_5mm_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.006
Medium: MSL_2450_180316 Medium parameters used : f = 2437 MHz; σ = 1.981 S/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.884 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.12 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.641 W/kg; SAR(10 g) = 0.342 W/kg
Maximum value of SAR (measured) = 0.801 W/kg



0 dB = 0.801 W/kg = -0.96 dBW/kg

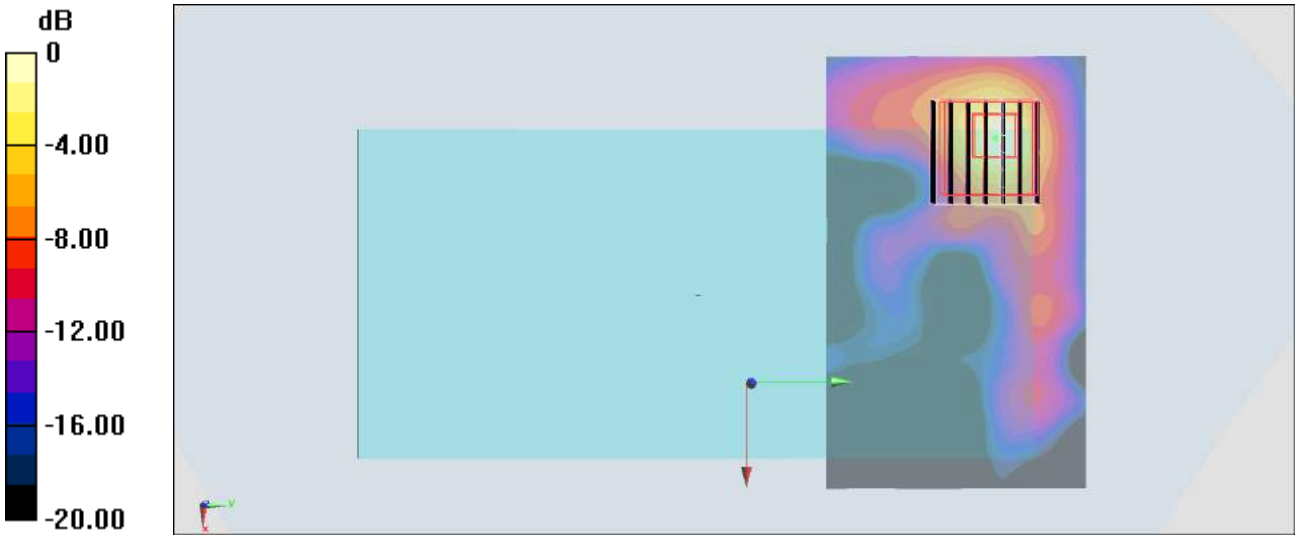
#160_WLAN5GHz_802.11ac-VHT80 MCS0_Front_5mm_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.149
Medium: MSL_5G_180318 Medium parameters used: f = 5690 MHz; σ = 5.958 S/m; ε_r = 47.696; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,dz=1.4mm
Reference Value = 8.373 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



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

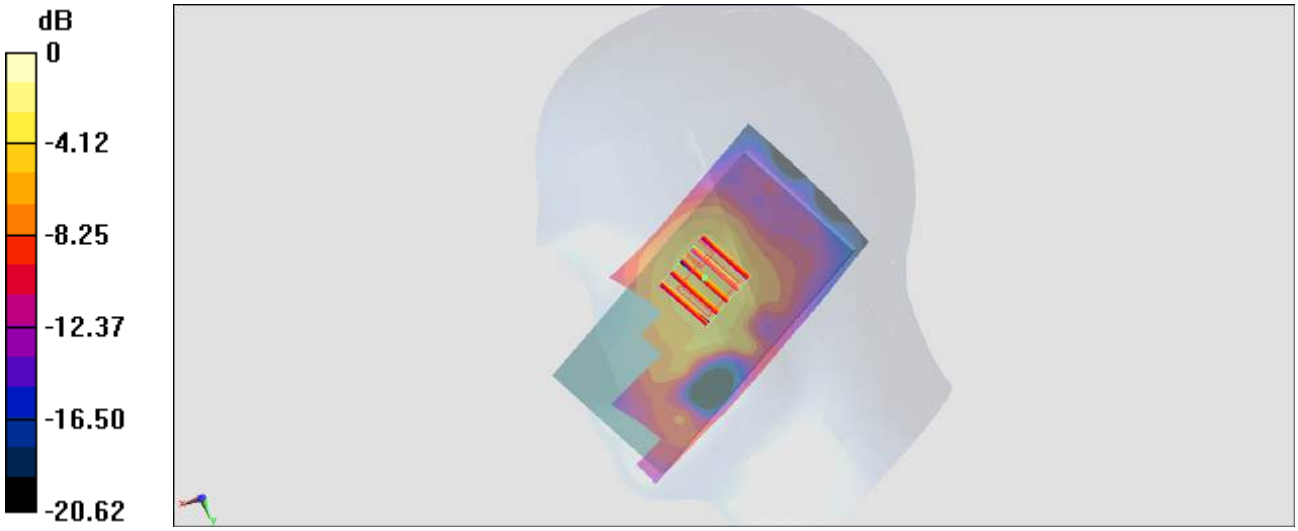
#161_GSM850_GPRS (2 Tx slots)_Right Cheek_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium: HSL_850_180327 Medium parameters used: f = 849 MHz; σ = 0.893 S/m; ε_r = 41.98; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0260 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.484 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.0705 W/kg



0 dB = 0.0705 W/kg = -11.52 dBW/kg

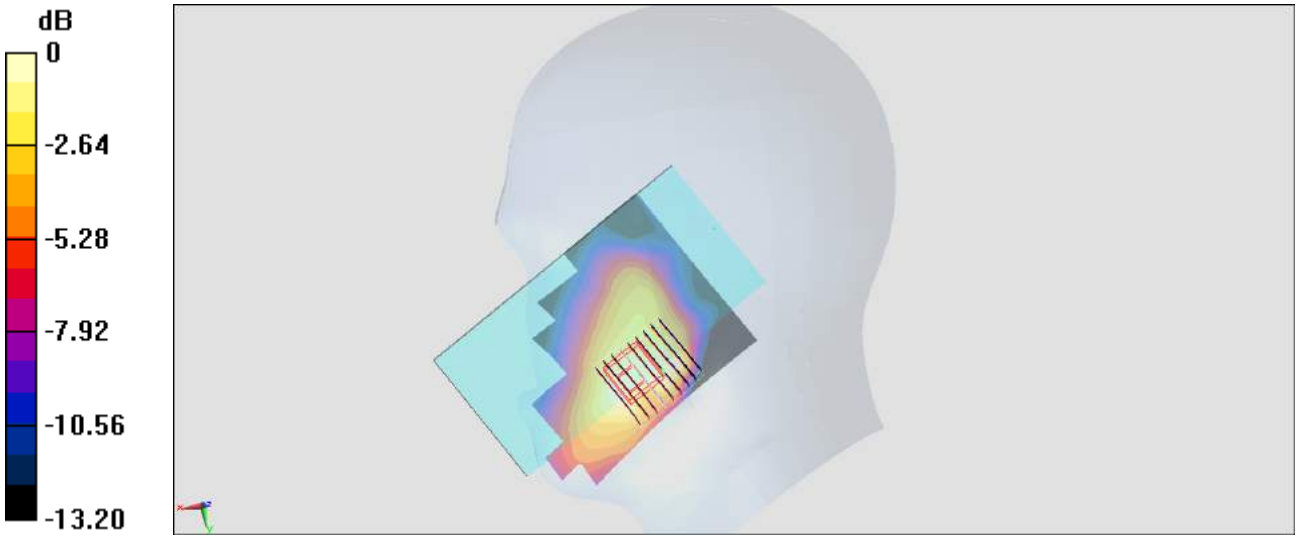
#162_LTE Band 7_20M_QPSK_1_99_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180325 Medium parameters used: f = 2560 MHz; σ = 1.949 S/m; ε_r = 39.511; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.921 W/kg

Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.75 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.333 W/kg
Maximum value of SAR (measured) = 0.895 W/kg



0 dB = 0.895 W/kg = -0.48 dBW/kg

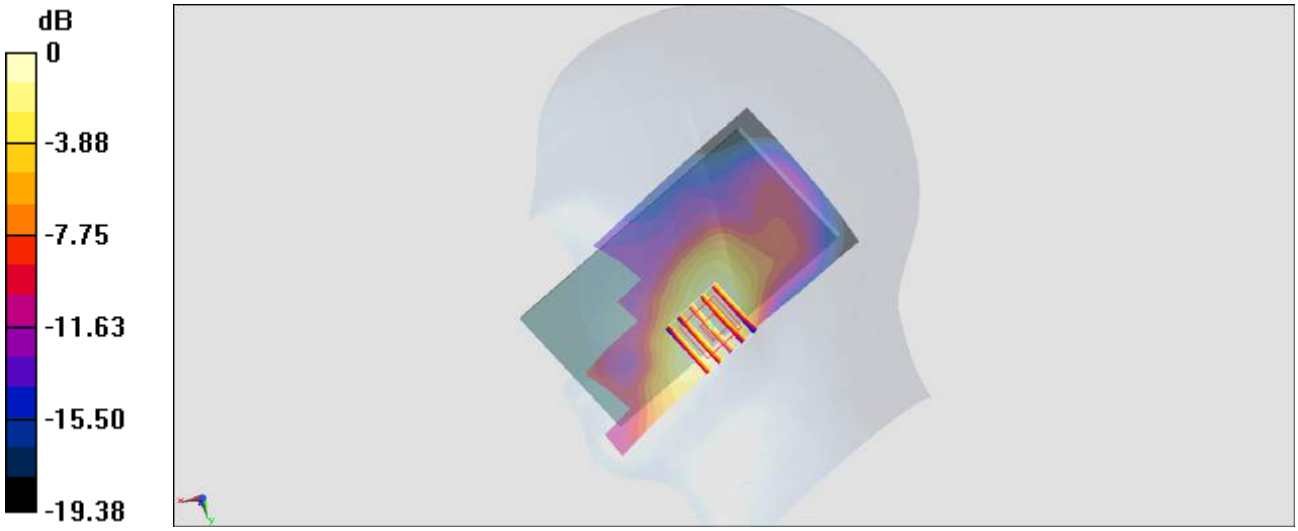
#163_LTE Band 25_20M_QPSK_1_0_Right Cheek_Ch26140

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180327 Medium parameters used: f = 1860 MHz; σ = 1.416 S/m; ε_r = 39.508; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.37 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.46 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.695 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.168 W/kg
Maximum value of SAR (measured) = 0.341 W/kg



0 dB = 0.341 W/kg = -4.67 dBW/kg

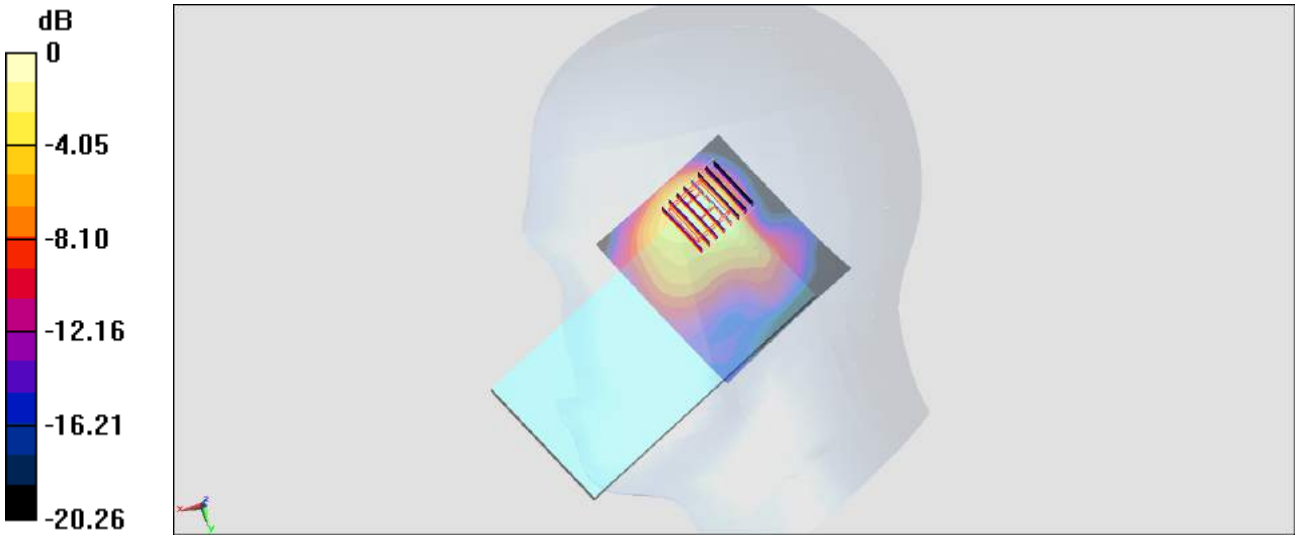
#164_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.006
Medium: HSL_2450_180325 Medium parameters used : f = 2437 MHz; σ = 1.808 S/m; ε_r =39.99; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.75 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.315 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



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

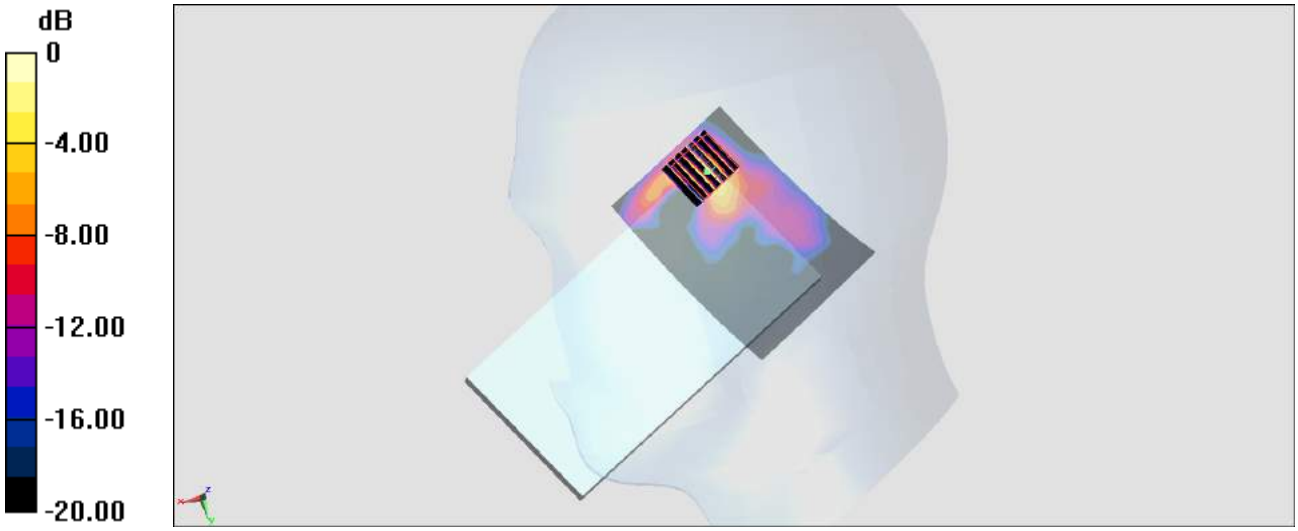
#165_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.149
Medium: HSL_5G_180411 Medium parameters used : f = 5690 MHz; σ = 5.032 S/m; ε_r = 36.595; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0);SEMCAD X Version 14.6.10 (7417)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.48 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.529 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 4.50 W/kg
SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.228 W/kg
Maximum value of SAR (measured) = 2.57 W/kg



0 dB = 2.57 W/kg = 4.10 dBW/kg

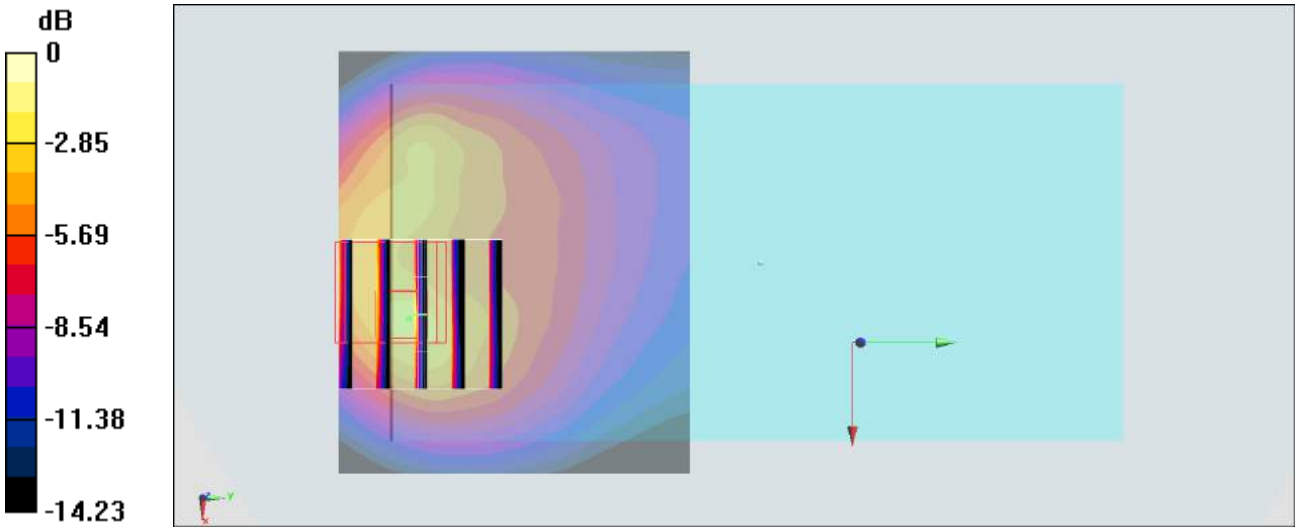
#166_GSM850_GPRS (2 Tx slots)_Front_5mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium: MSL_850_180324 Medium parameters used: f = 849 MHz; σ = 1.014 S/m; ε_r = 56.765; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.217 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.71 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.363 W/kg
SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.159 W/kg
Maximum value of SAR (measured) = 0.363 W/kg



0 dB = 0.363 W/kg = -4.40 dBW/kg

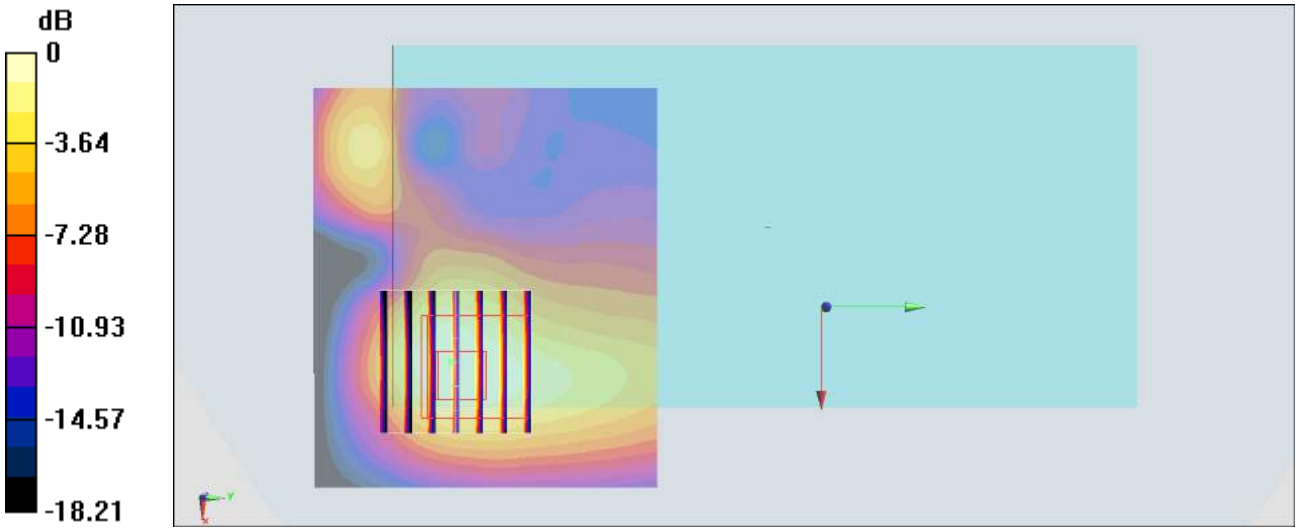
#167_LTE Band 7_20M_QPSK_50_50_Front_5mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180326 Medium parameters used: f = 2560 MHz; σ = 2.129 S/m; ε_r = 50.852; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.911 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.31 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.272 W/kg
Maximum value of SAR (measured) = 0.776 W/kg



0 dB = 0.776 W/kg = -1.10 dBW/kg

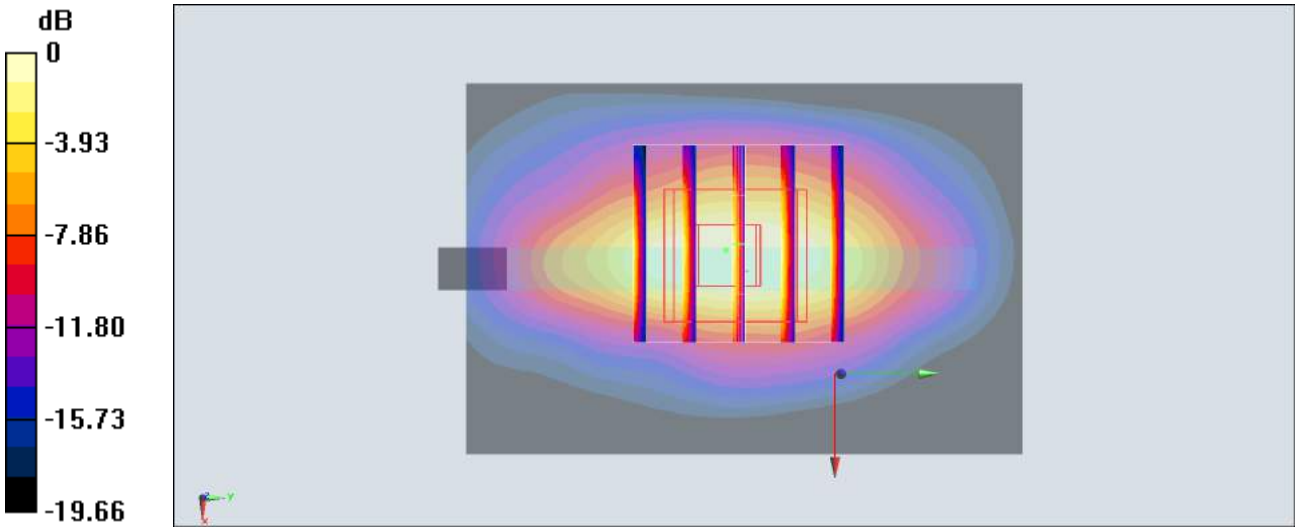
#168_LTE Band 25_20M_QPSK_50_0_Bottom Side_5mm_Ch26590

Communication System: LTE ; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180324 Medium parameters used: f = 1905 MHz; σ = 1.561 S/m; ε_r = 53.864; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.35 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.87 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.471 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



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

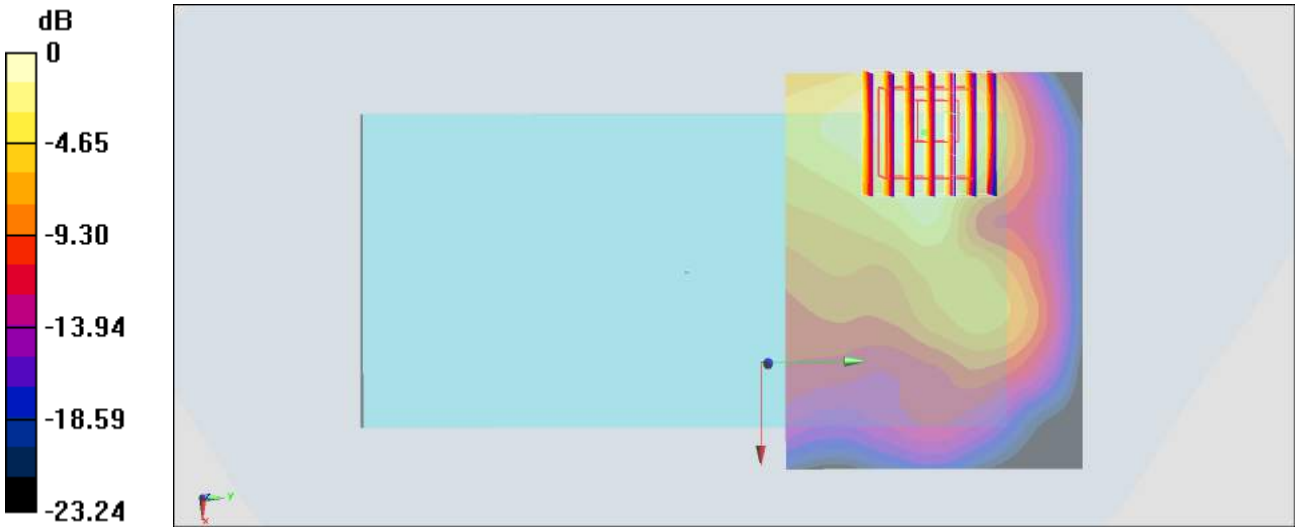
#169_WLAN2.4GHz_802.11b 1Mbps_Front_5mm_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.006
Medium: MSL_2450_180326 Medium parameters used : f = 2437 MHz; σ = 1.959 S/m; ε_r =51.317; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.919 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.31 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.347 W/kg
Maximum value of SAR (measured) = 0.835 W/kg



0 dB = 0.835 W/kg = -0.78 dBW/kg

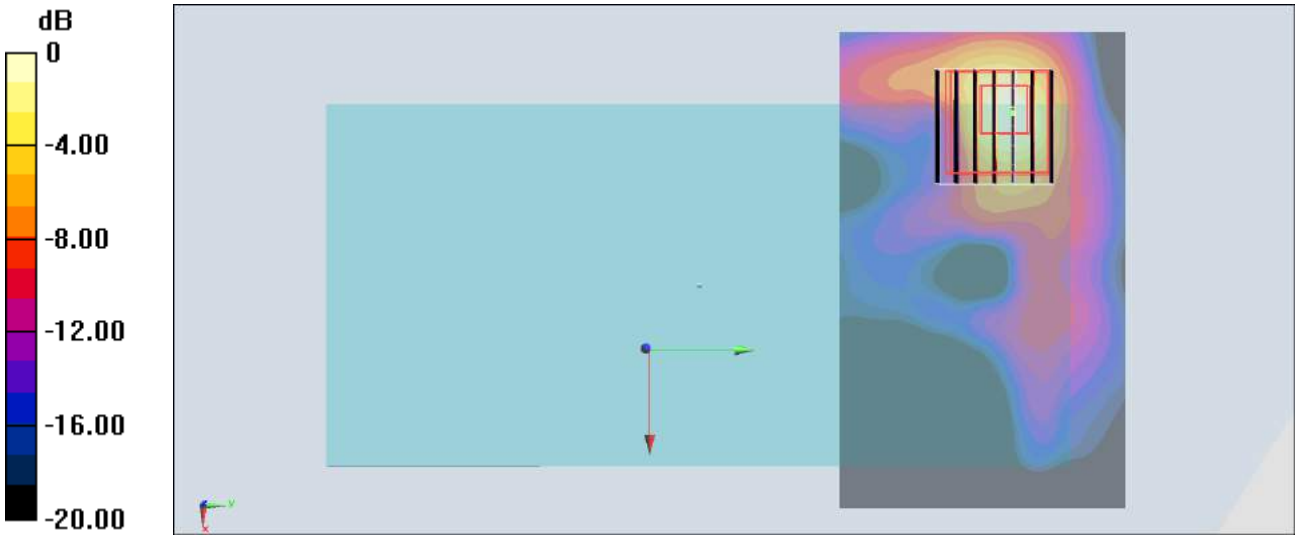
#170_WLAN5GHz_802.11ac-VHT80 MCS0_Front_5mm_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.149
Medium: MSL_5G_180327 Medium parameters used: f = 5690 MHz; σ = 6.082 S/m; ε_r = 47.379; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.07 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.16 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 3.72 W/kg
SAR(1 g) = 0.674 W/kg; SAR(10 g) = 0.214 W/kg
Maximum value of SAR (measured) = 2.14 W/kg



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

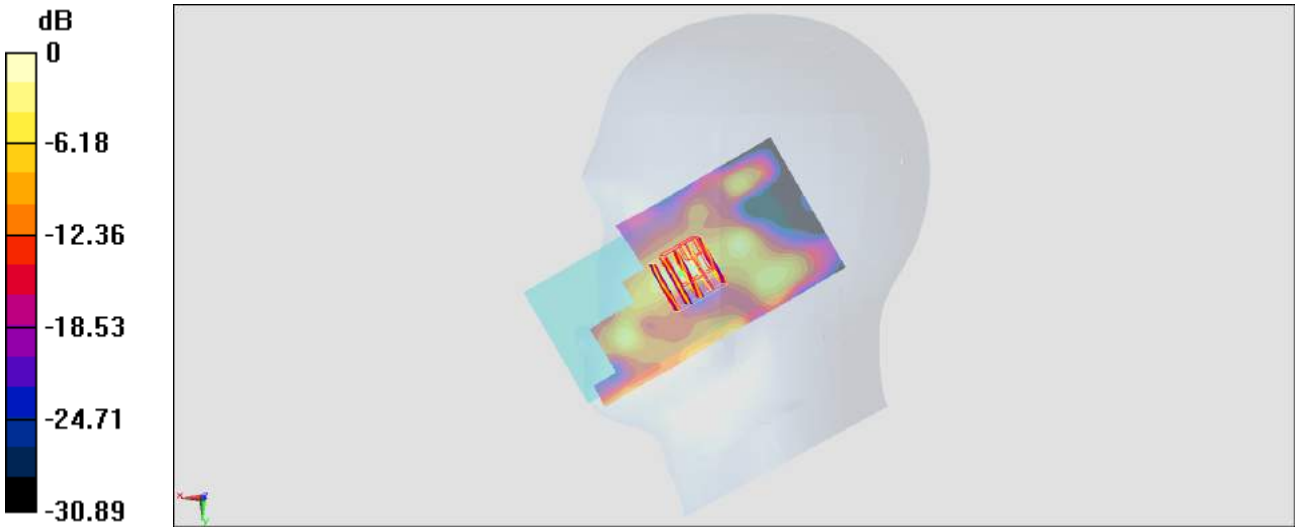
#171_GSM850_GPRS (2 Tx slots)_Right Cheek_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180320 Medium parameters used: f = 849 MHz; σ = 0.938 S/m; ε_r = 43.052; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.160 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.768 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.317 W/kg
SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.174 W/kg



0 dB = 0.174 W/kg = -7.59 dBW/kg

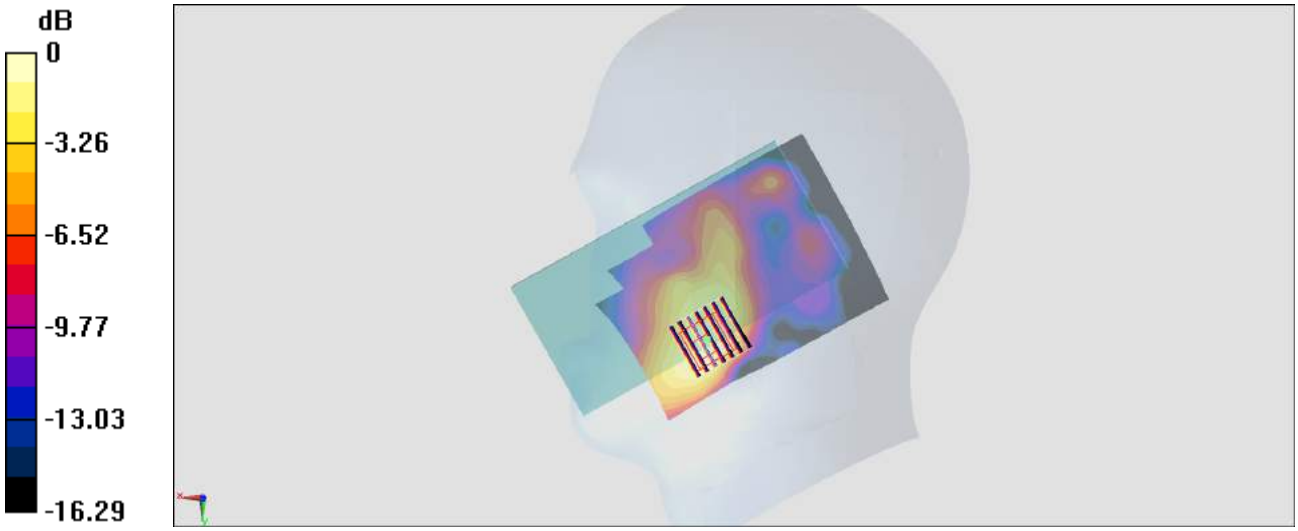
#172_LTE Band 7_20M_QPSK_1_99_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180320 Medium parameters used: f = 2560 MHz; σ = 1.91 S/m; ε_r = 39.37; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.47, 4.47, 4.47); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.667 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.56 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.275 W/kg
Maximum value of SAR (measured) = 0.676 W/kg



0 dB = 0.676 W/kg = -1.70 dBW/kg

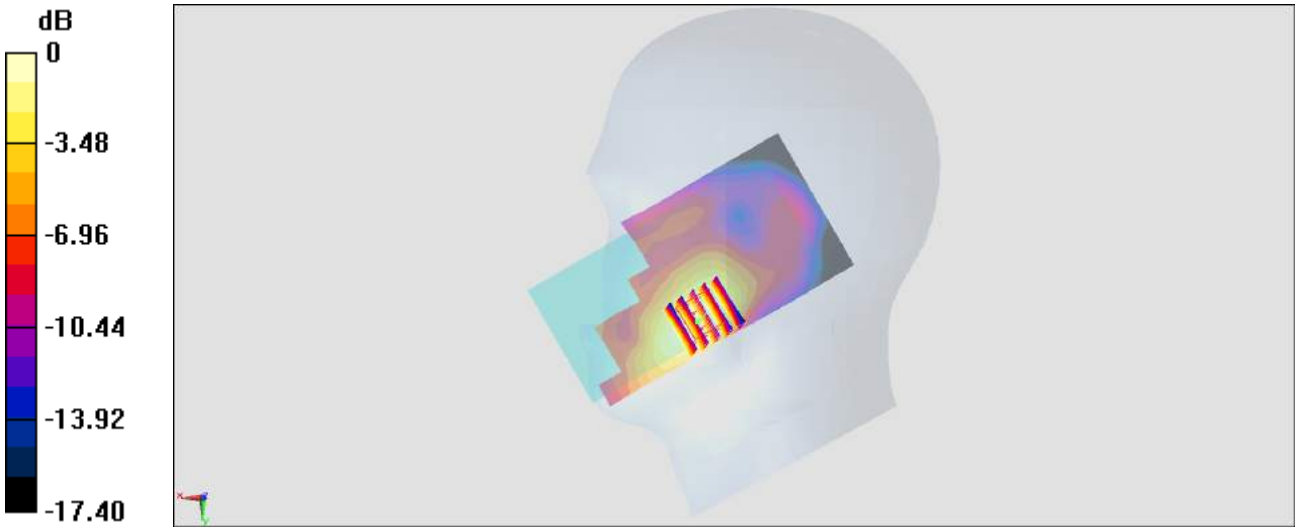
#173_LTE Band 25_20M_QPSK_1_0_Right Cheek_Ch26140

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180320 Medium parameters used: f = 1860 MHz; σ = 1.376 S/m; ε_r = 40.414; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.363 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.68 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.453 W/kg
SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg = -4.51 dBW/kg

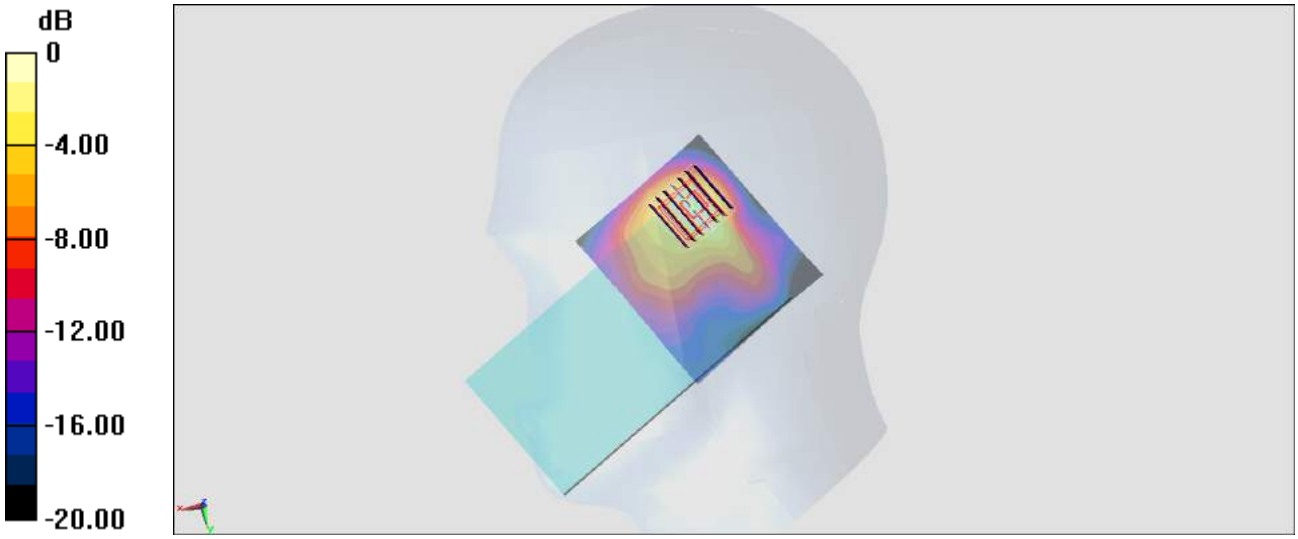
#174_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.006
Medium: HSL_2450_180321 Medium parameters used: f = 2437 MHz; σ = 1.811 S/m; ε_r = 39.93; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.50 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.64 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.324 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



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

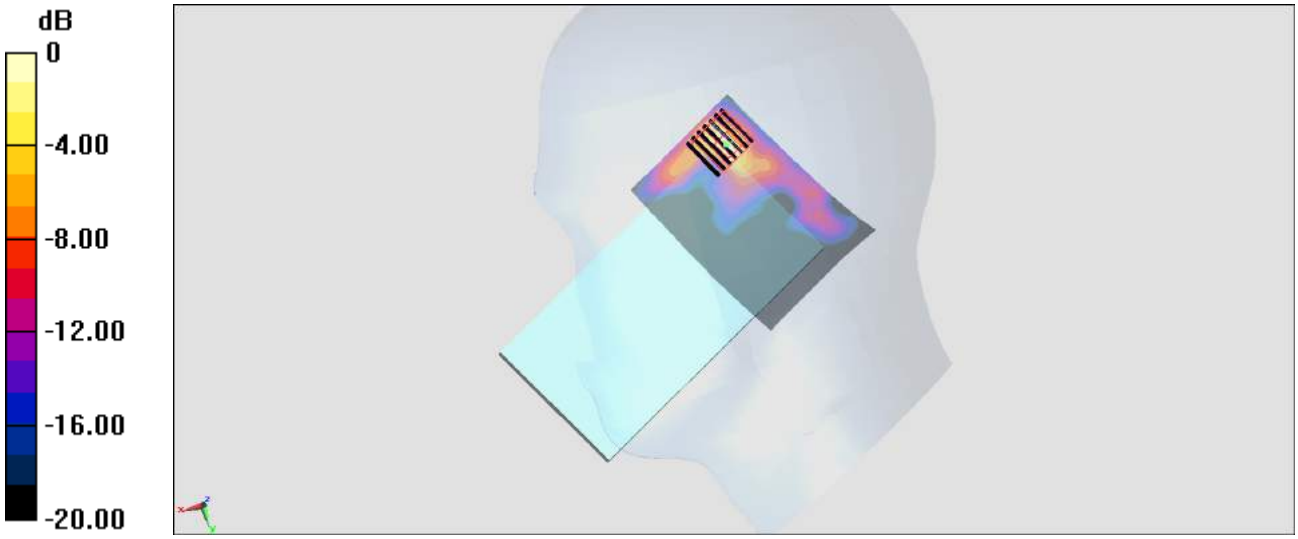
#175_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.149
Medium: HSL_5G_180318 Medium parameters used: f = 5690 MHz; σ = 5.101 S/m; ε_r = 36.009; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.04, 5.04, 5.04); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.12 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.436 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 3.67 W/kg
SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.206 W/kg
Maximum value of SAR (measured) = 2.15 W/kg



0 dB = 2.15 W/kg = 3.32 dBW/kg

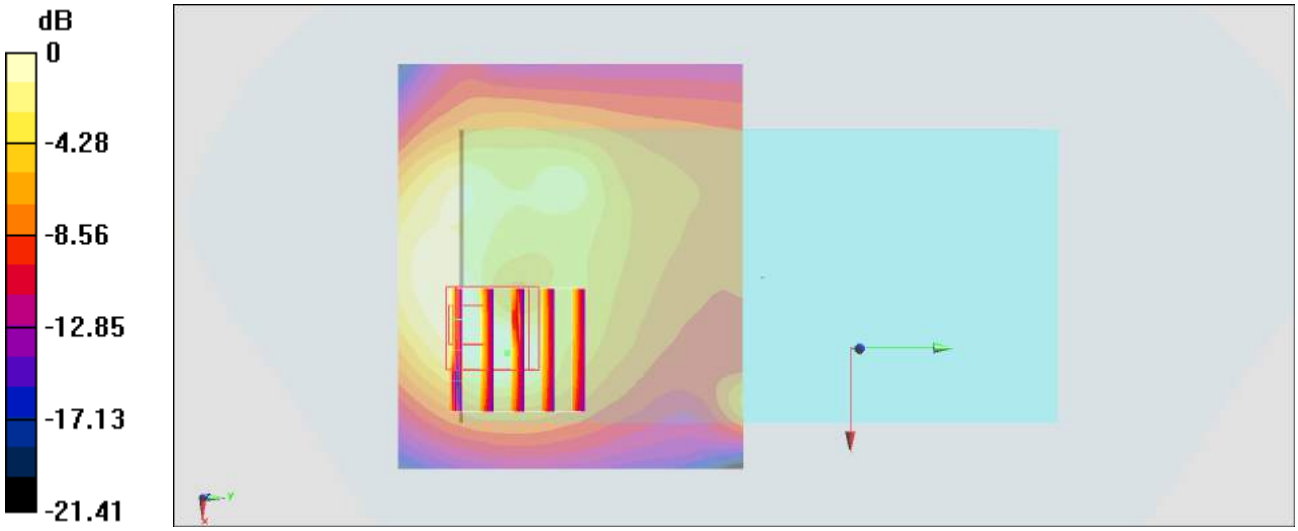
#176_GSM850_GPRS (2 Tx slots)_Front_5mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium: MSL_850_180320 Medium parameters used: f = 849 MHz; σ = 0.988 S/m; ε_r = 56.175; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.391 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.96 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.367 W/kg
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.123 W/kg
Maximum value of SAR (measured) = 0.318 W/kg



0 dB = 0.318 W/kg = -4.98 dBW/kg

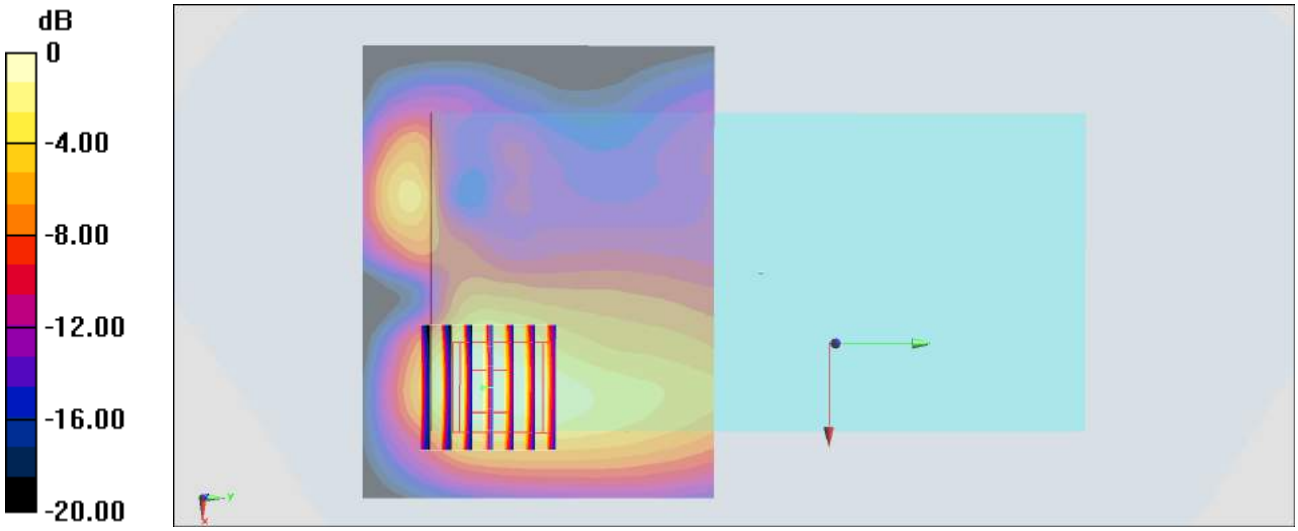
#177_LTE Band 7_20M_QPSK_50_50_Front_5mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180318 Medium parameters used: f = 2560 MHz; σ = 2.098 S/m; ε_r = 52.867; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.825 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.88 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.276 W/kg
Maximum value of SAR (measured) = 0.662 W/kg



0 dB = 0.662 W/kg = -1.79 dBW/kg

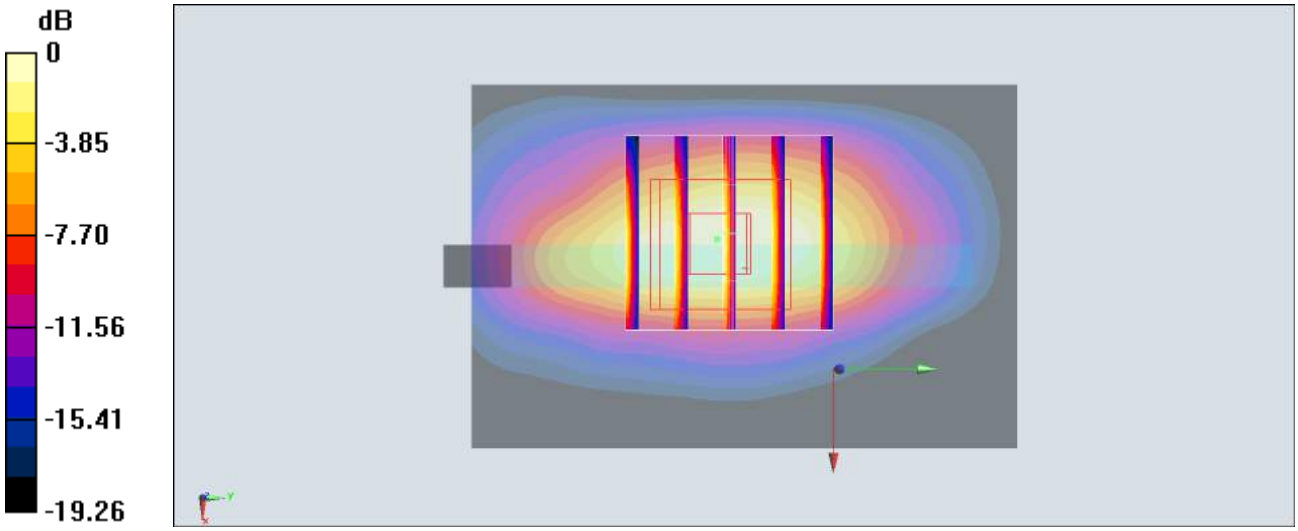
#178_LTE Band 25_20M_QPSK_50_0_Bottom Side_5mm_Ch26590

Communication System: LTE; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180319 Medium parameters used: f = 1905 MHz; σ = 1.579 S/m; ε_r = 51.979; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.75 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.27 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.476 W/kg
Maximum value of SAR (measured) = 1.41 W/kg



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

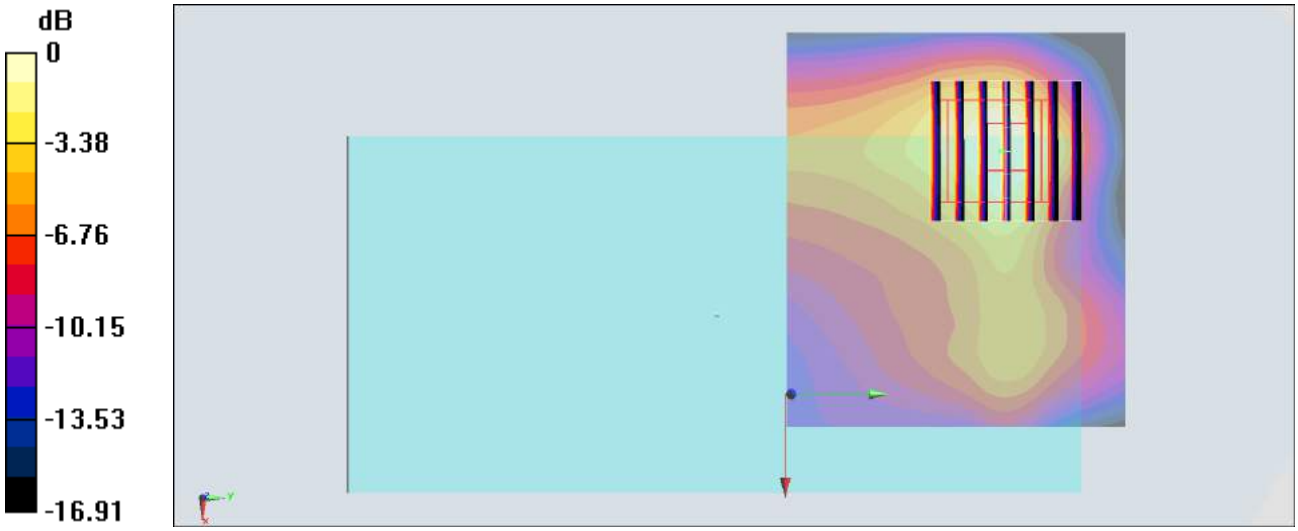
#179_WLAN2.4GHz_802.11b 1Mbps_Front_5mm_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.006
Medium: MSL_2450_180318 Medium parameters used: f = 2437 MHz; σ = 1.938 S/m; ε_r = 53.288; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.816 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.00 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.261 W/kg
Maximum value of SAR (measured) = 0.708 W/kg



0 dB = 0.708 W/kg = -1.50 dBW/kg

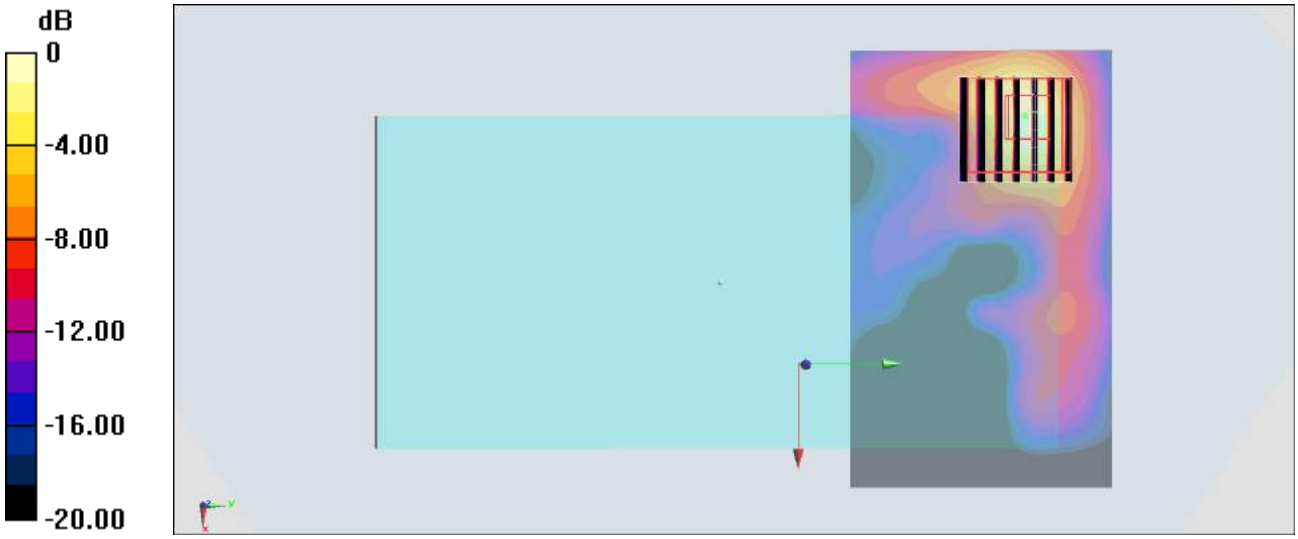
#180_WLAN5GHz_802.11ac-VHT80 MCS0_Front_5mm_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.149
Medium: MSL_5G_180318 Medium parameters used: f = 5690 MHz; σ = 5.958 S/m; ε_r = 47.696; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.64 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.03 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.83 W/kg
SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg

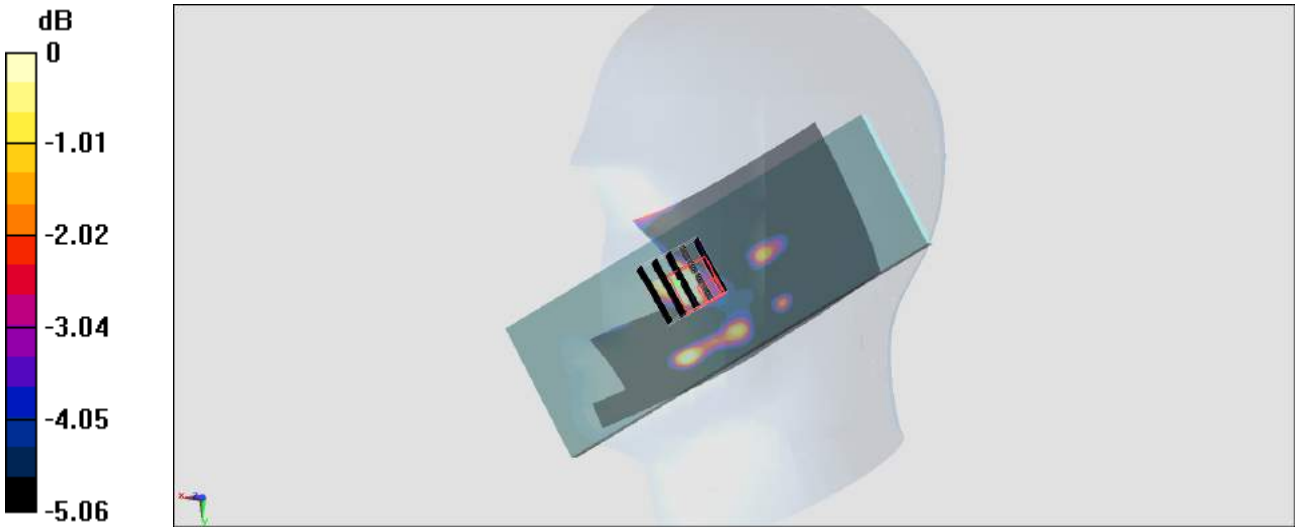
#181_GSM850_GPRS (2 Tx slots)_Right Cheek_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium: HSL_850_180320 Medium parameters used: f = 849 MHz; σ = 0.938 S/m; ε_r = 43.052; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.240 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.47 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.160 W/kg



0 dB = 0.160 W/kg = -7.96 dBW/kg

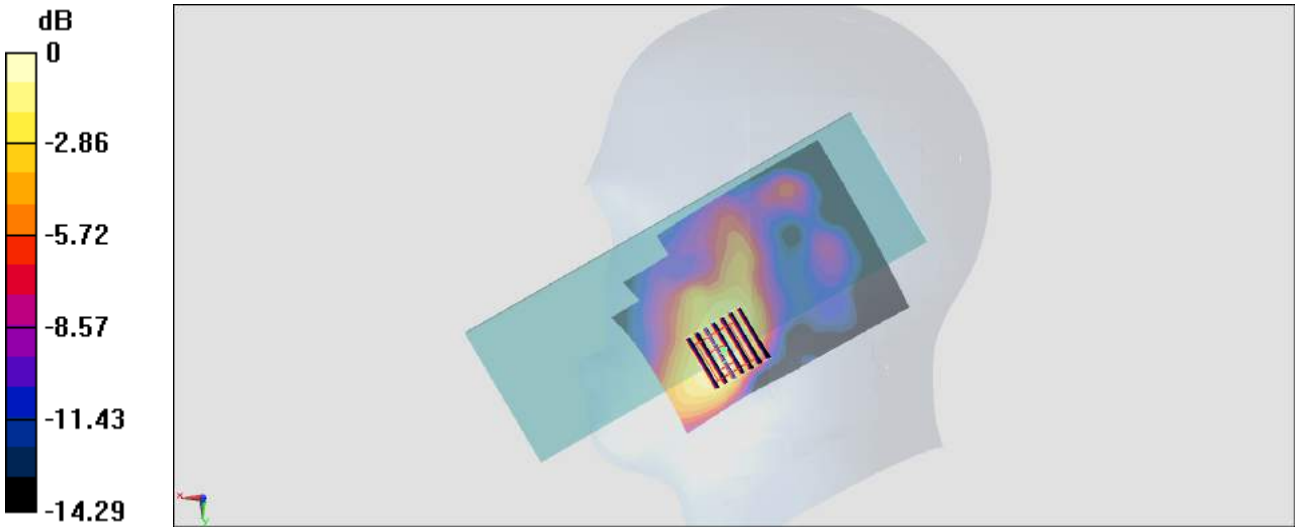
#182_LTE Band 7_20M_QPSK_1_99_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180320 Medium parameters used: f = 2560 MHz; σ = 1.91 S/m; ε_r = 39.37; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.47, 4.47, 4.47); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.415 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.62 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.691 W/kg
SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.171 W/kg
Maximum value of SAR (measured) = 0.421 W/kg



0 dB = 0.421 W/kg = -3.76 dBW/kg

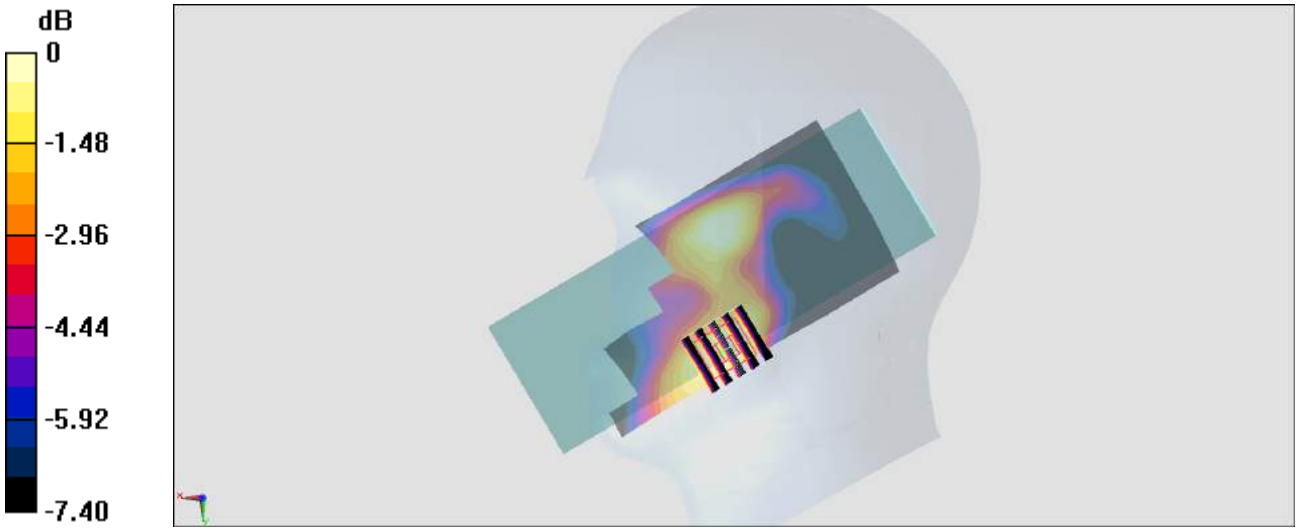
#183_LTE Band 25_20M_QPSK_1_0_Right Cheek_Ch26140

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180320 Medium parameters used: f = 1860 MHz; σ = 1.376 S/m; ε_r = 40.414; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.223 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.17 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.263 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.215 W/kg



0 dB = 0.215 W/kg = -6.68 dBW/kg

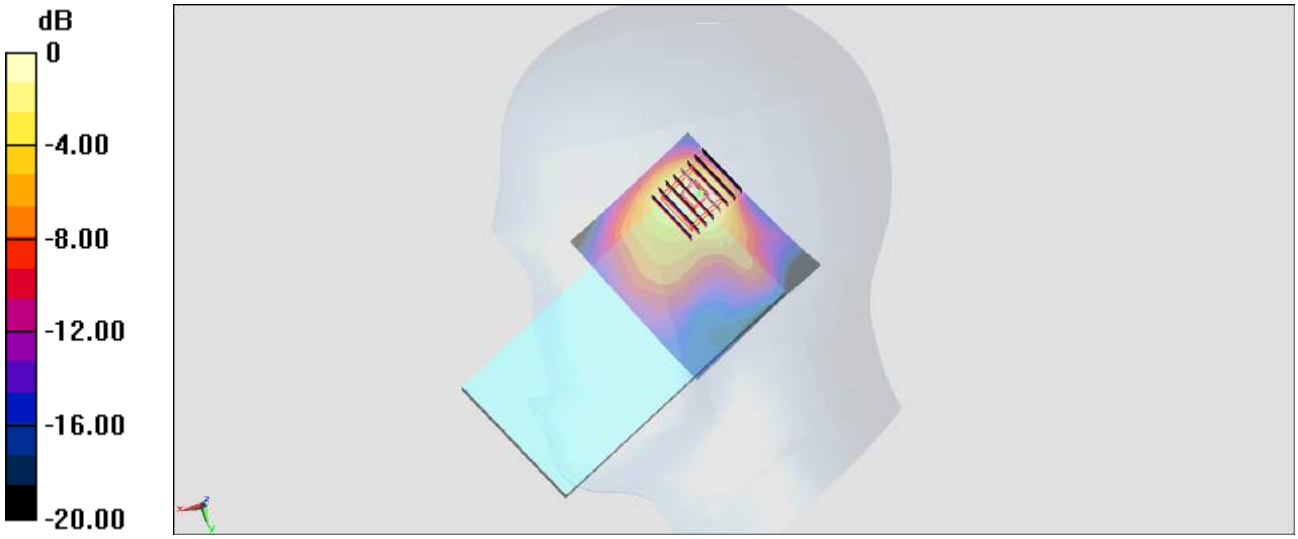
#184_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.006
Medium: HSL_2450_180321 Medium parameters used: f = 2437 MHz; σ = 1.811 S/m; ε_r = 39.93; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.28 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.567 W/kg; SAR(10 g) = 0.254 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



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

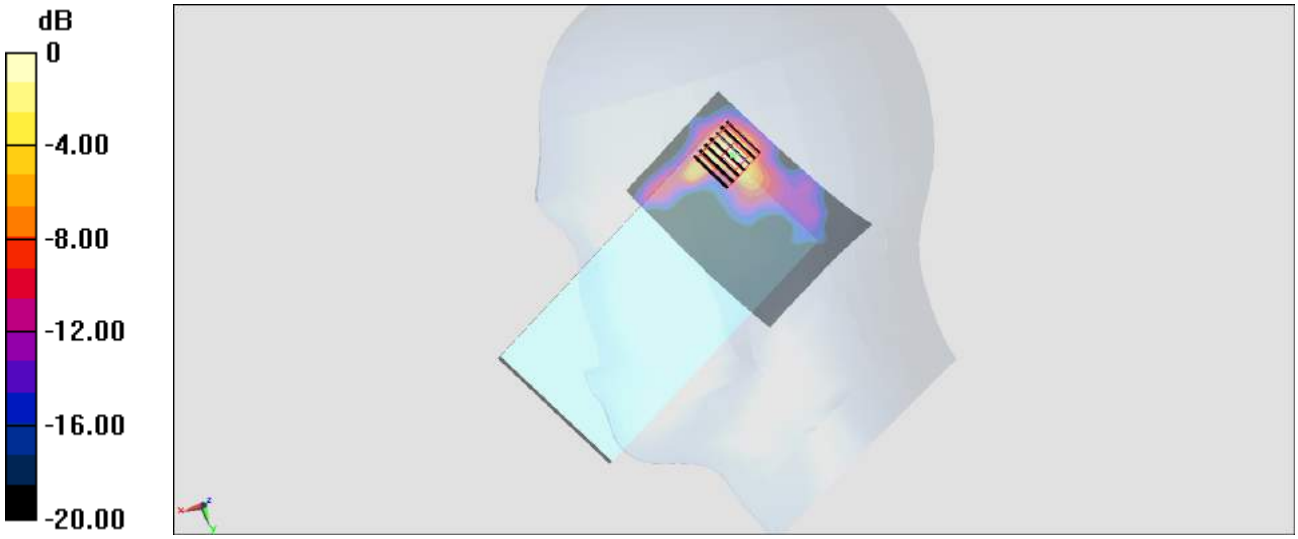
#185_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.149
Medium: HSL_5G_180318 Medium parameters used: f = 5690 MHz; σ = 5.101 S/m; ε_r = 36.009; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.04, 5.04, 5.04); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.04 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.03 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 3.37 W/kg
SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.194 W/kg
Maximum value of SAR (measured) = 1.95 W/kg



0 dB = 1.95 W/kg = 2.90 dBW/kg

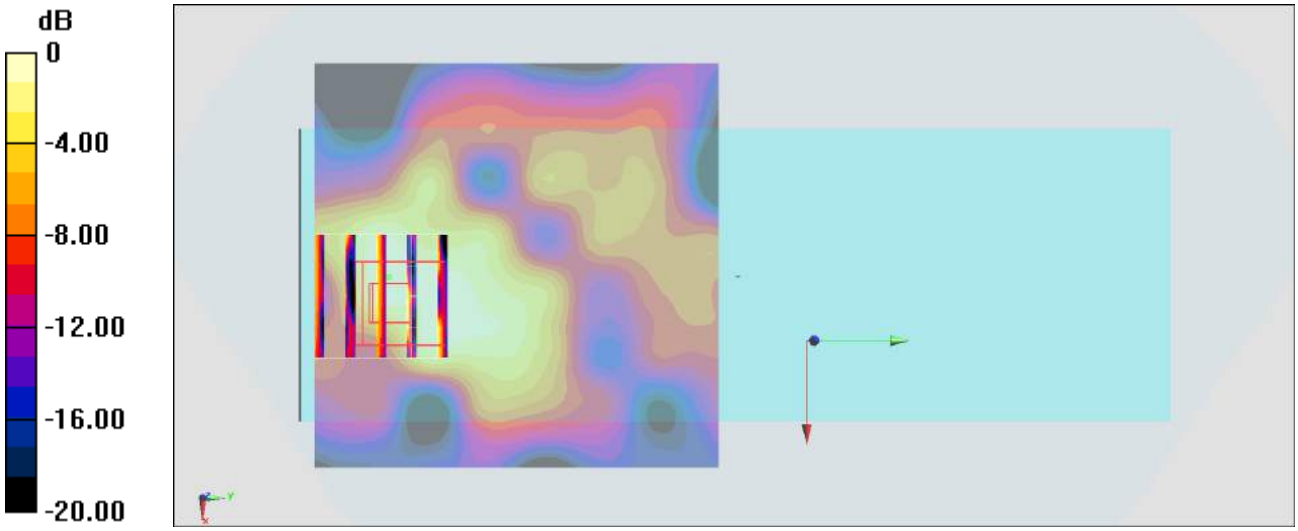
#186_GSM850_GPRS (2 Tx slots)_Front_5mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium: MSL_850_180320 Medium parameters used: f = 849 MHz; σ = 0.988 S/m; ε_r = 56.175; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.475 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.073 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.206 W/kg
Maximum value of SAR (measured) = 0.488 W/kg



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

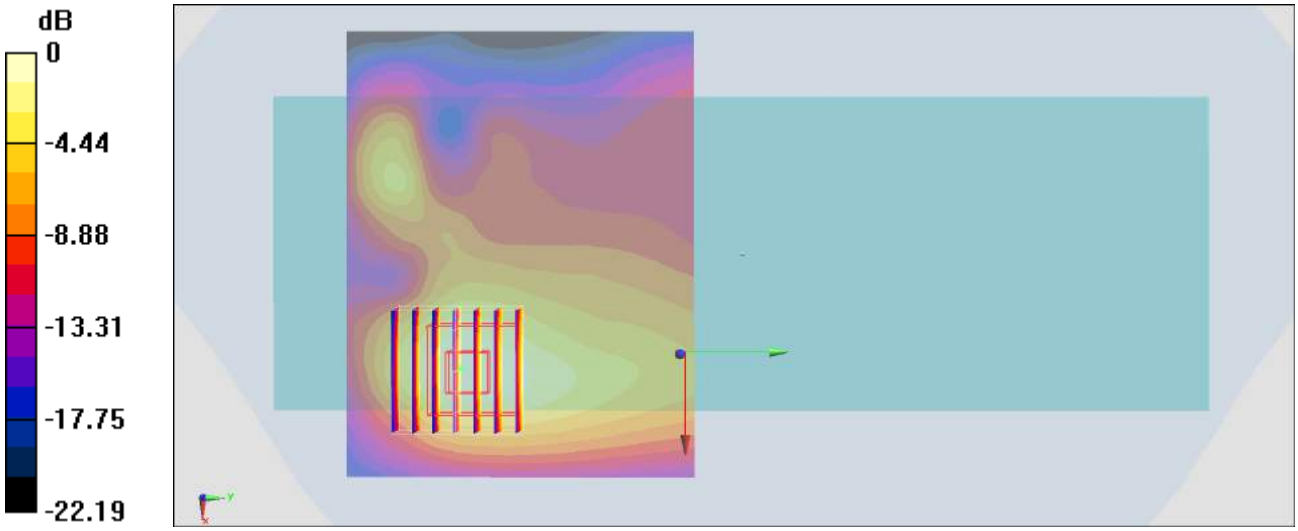
#187_LTE Band 7_20M_QPSK_50_50_Front_5mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180318 Medium parameters used: f = 2560 MHz; σ = 2.098 S/m; ε_r = 52.867; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.705 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.06 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.248 W/kg
Maximum value of SAR (measured) = 0.608 W/kg



0 dB = 0.608 W/kg = -2.16 dBW/kg

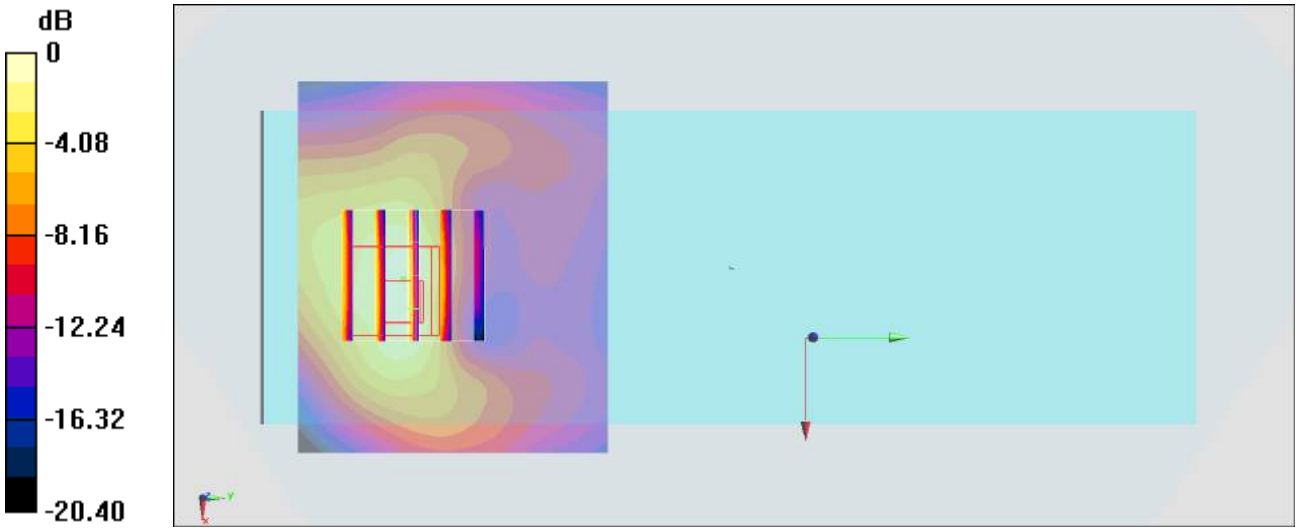
#188_LTE Band 25_20M_QPSK_50_0_Front_5mm_Ch26590

Communication System: LTE; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180319 Medium parameters used: f = 1905 MHz; σ = 1.579 S/m; ε_r = 51.979; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.758 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.38 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.332 W/kg
Maximum value of SAR (measured) = 0.825 W/kg



0 dB = 0.825 W/kg = -0.84 dBW/kg

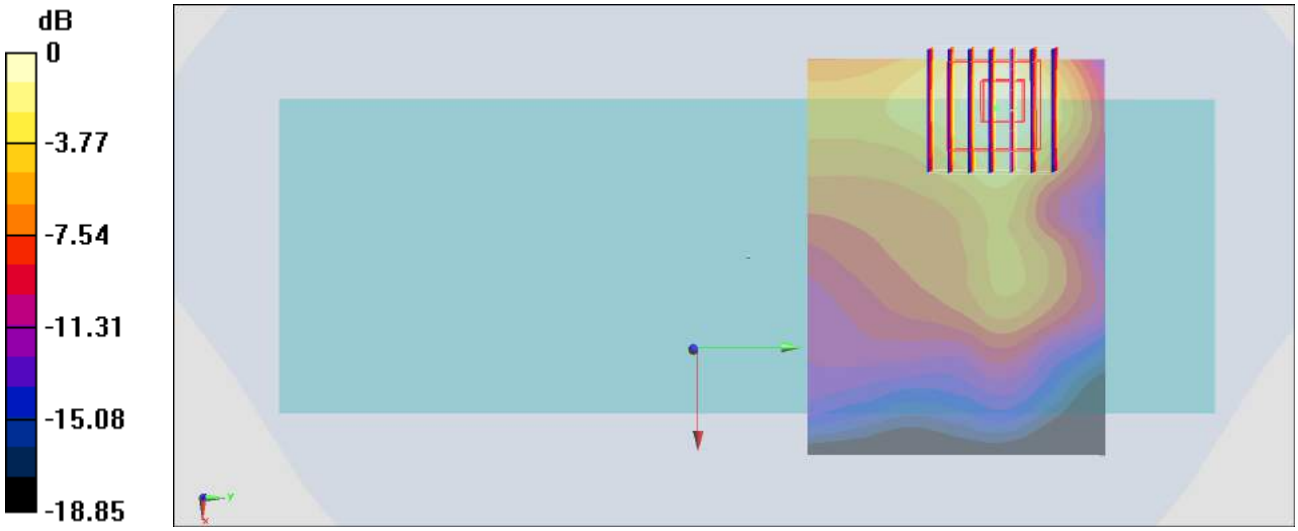
#189_WLAN2.4GHz_802.11b 1Mbps_Front_5mm_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.006
Medium: MSL_2450_180318 Medium parameters used : f = 2437 MHz; σ = 1.938 S/m; ε_r = 53.288; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.816 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.42 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.302 W/kg
Maximum value of SAR (measured) = 0.739 W/kg



0 dB = 0.739 W/kg = -1.31 dBW/kg

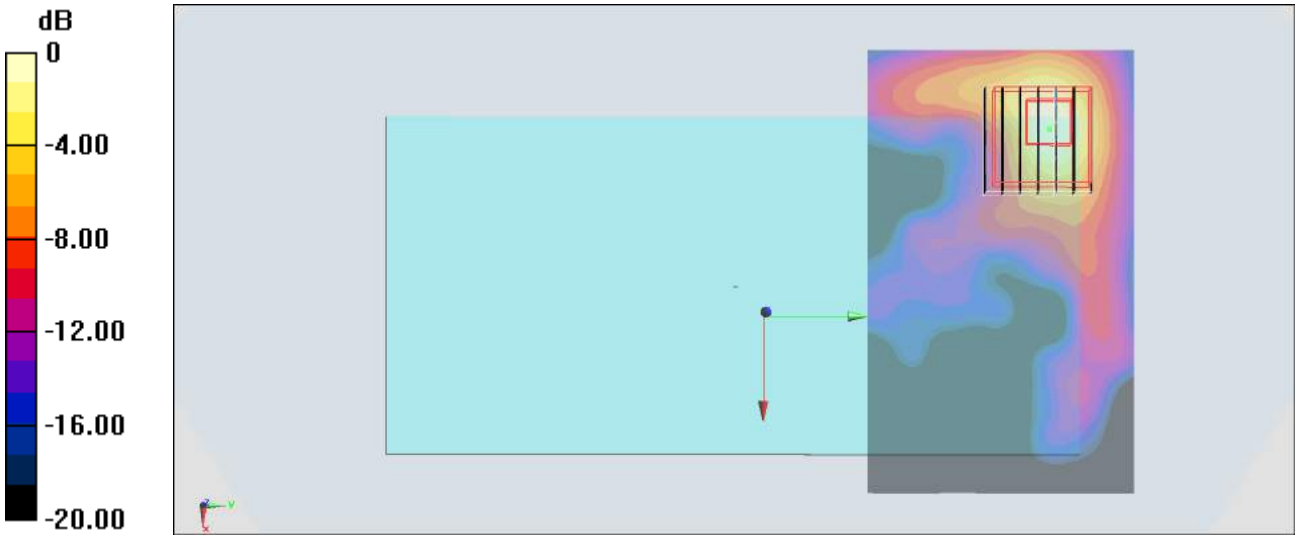
#190_WLAN5GHz_802.11ac-VHT80 MCS0_Front_5mm_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.149
Medium: MSL_5G_180318 Medium parameters used: f = 5690 MHz; σ = 5.958 S/m; ε_r = 47.696; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.820 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.078 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 0.812 W/kg



0 dB = 0.812 W/kg = -0.90 dBW/kg

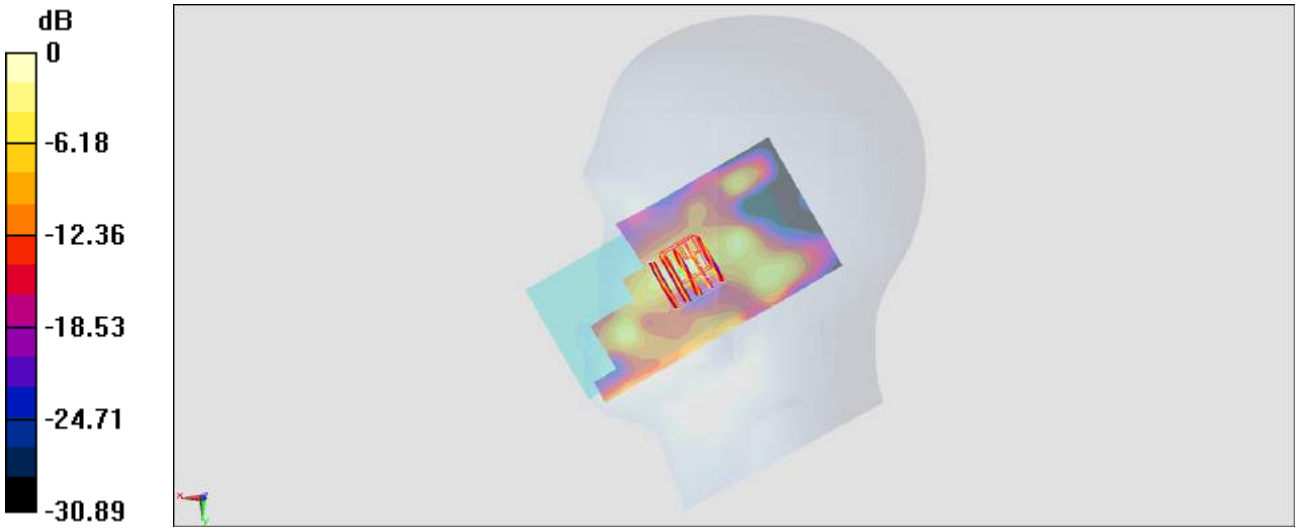
#191_GSM850_GPRS (2 Tx slots)_Right Cheek_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180320 Medium parameters used: f = 849 MHz; σ = 0.938 S/m; ε_r = 43.052; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.165 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.761 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.282 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg = -8.10 dBW/kg

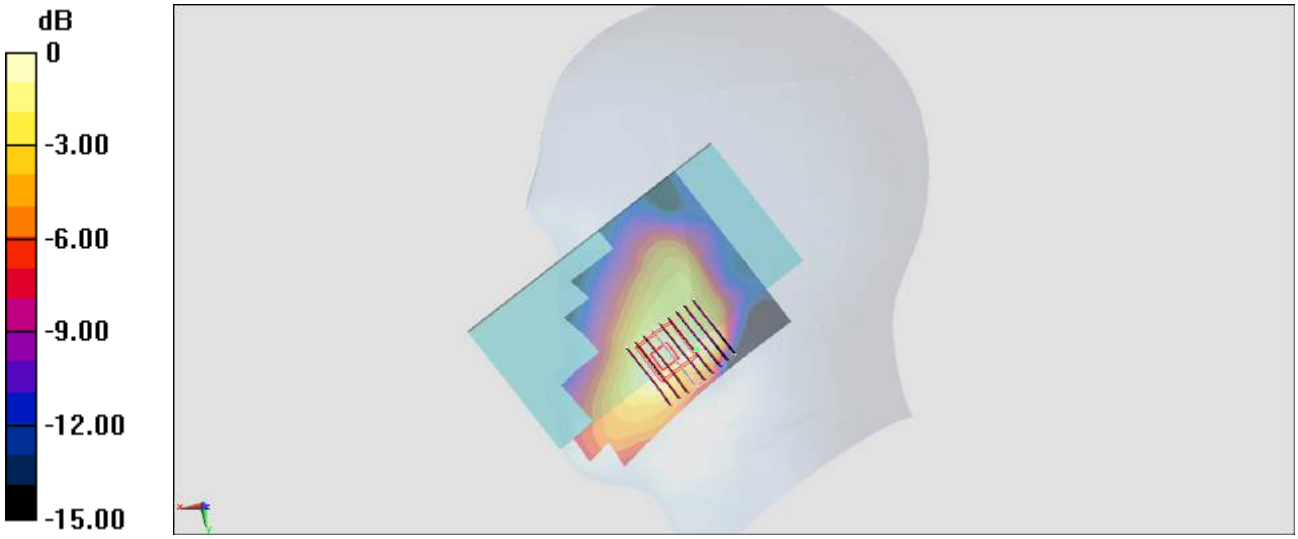
#192_LTE Band 7_20M_QPSK_1_99_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180321 Medium parameters used: f = 2560 MHz; σ = 1.952 S/m; ε_r = 39.451; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.922 W/kg

Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.75 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.593 W/kg; SAR(10 g) = 0.334 W/kg
Maximum value of SAR (measured) = 0.896 W/kg



0 dB = 0.896 W/kg = -0.48 dBW/kg

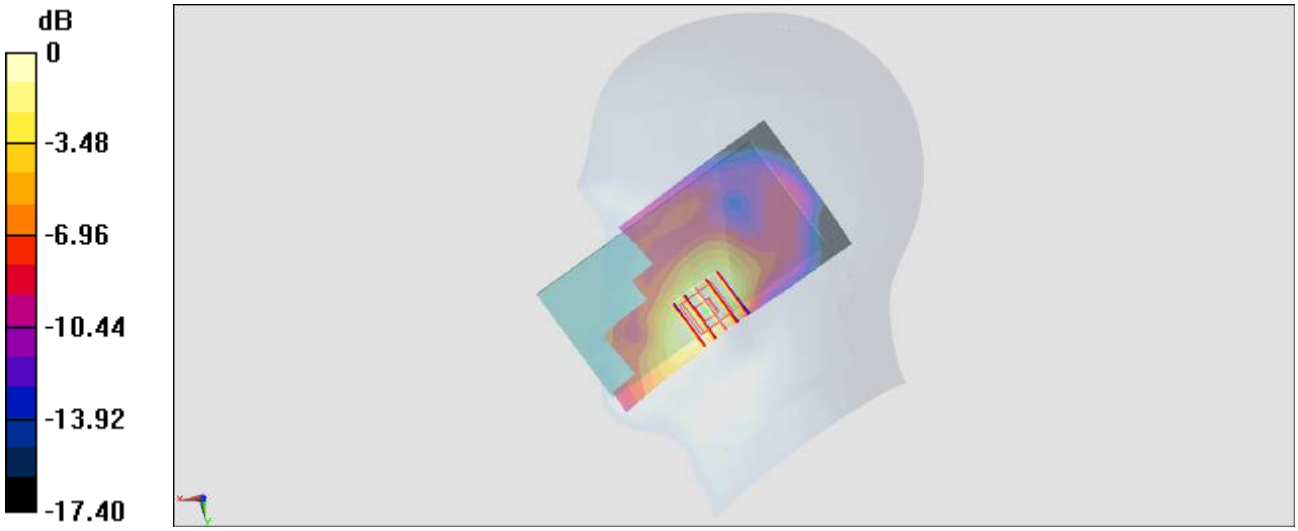
#193_LTE Band 25_20M_QPSK_1_0_Right Cheek_Ch26140

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180320 Medium parameters used: f = 1860 MHz; σ = 1.376 S/m; ε_r = 40.414; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.346 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.21 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.432 W/kg
SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.176 W/kg
Maximum value of SAR (measured) = 0.337 W/kg



0 dB = 0.337 W/kg = -4.72 dBW/kg

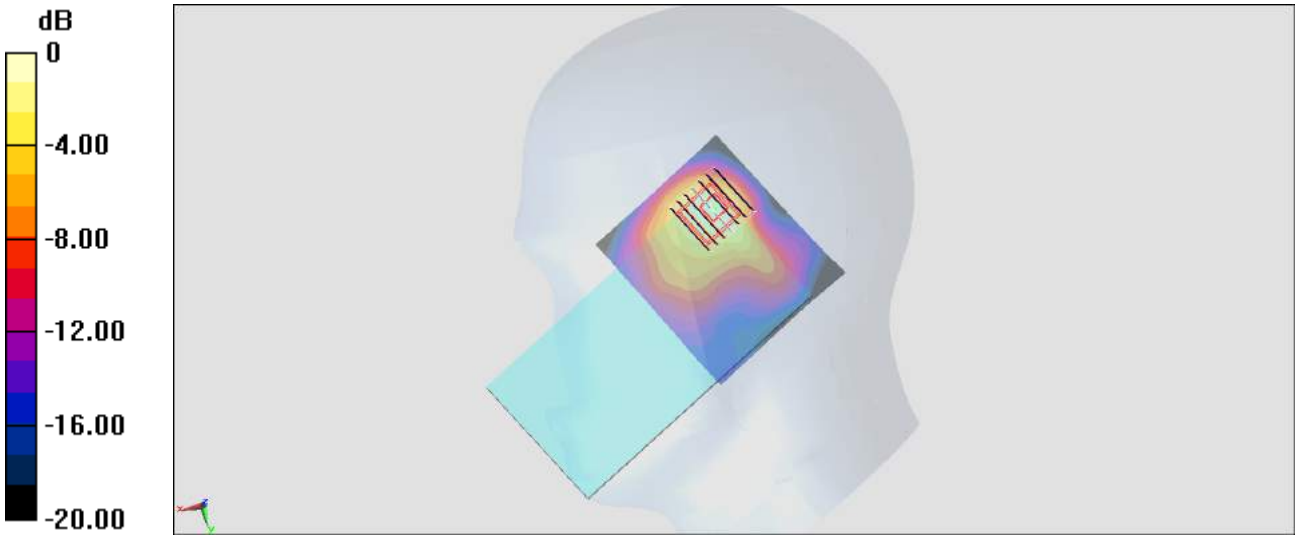
#194_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.006
Medium: HSL_2450_180321 Medium parameters used: f = 2437 MHz; σ = 1.811 S/m; ε_r = 39.93; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.45 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.80 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.311 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

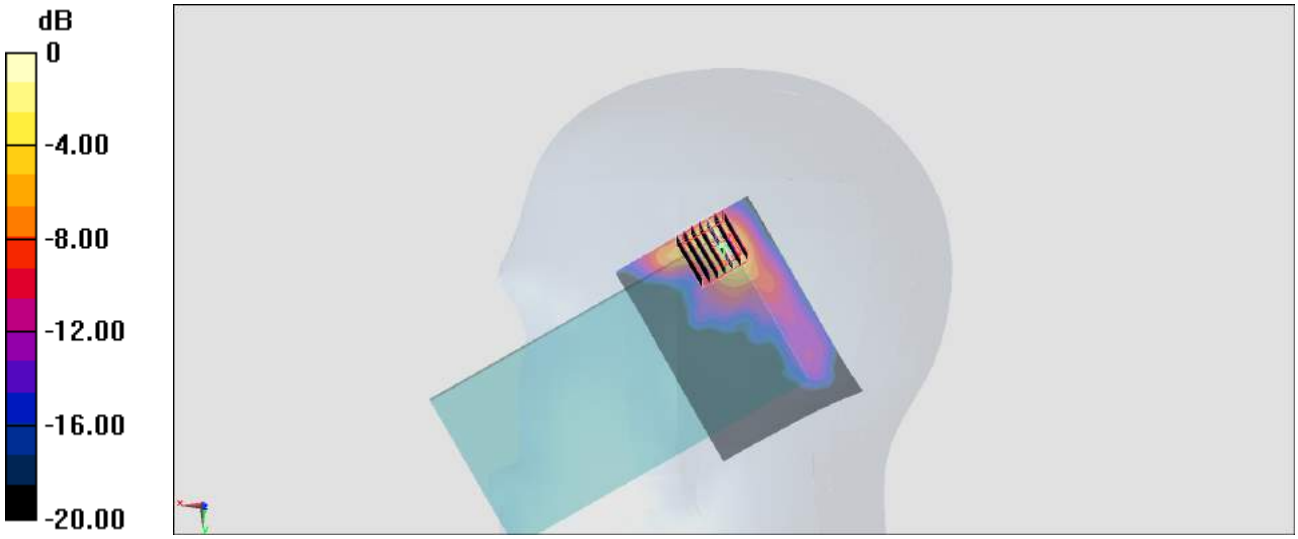
#195_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch106

Communication System: 802.11ac; Frequency: 5530 MHz;Duty Cycle: 1:1.149
Medium: HSL_5G_180318 Medium parameters used: f = 5530 MHz; σ = 4.937 S/m; ε_r = 36.238; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.97, 4.97, 4.97); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.10 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.089 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 4.07 W/kg
SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 2.39 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

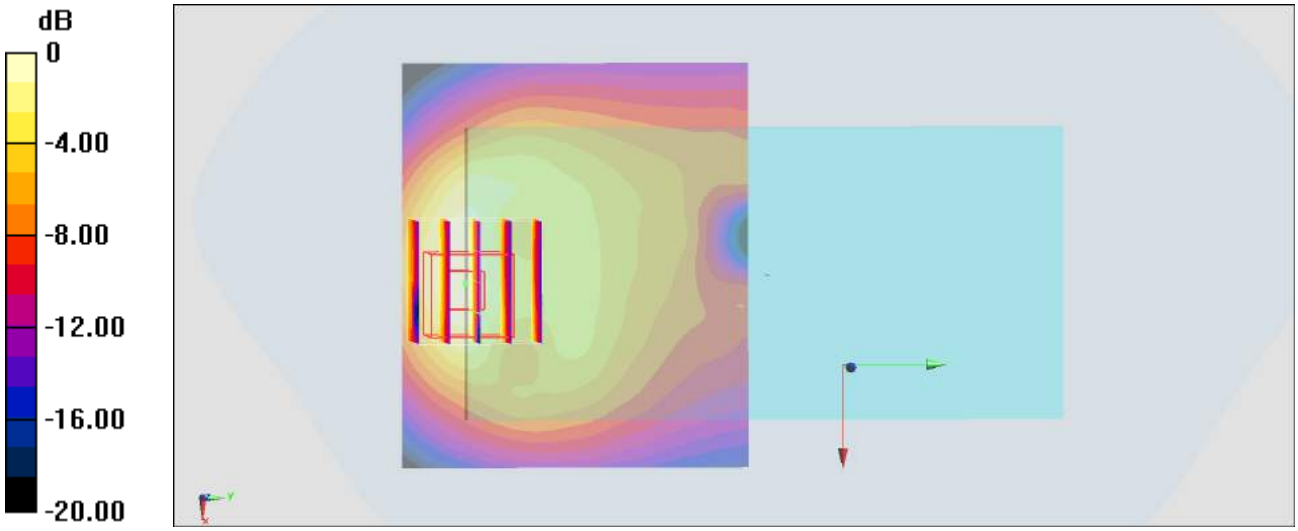
#196_GSM850_GPRS (2 Tx slots)_Front_5mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium: MSL_850_180320 Medium parameters used: f = 849 MHz; σ = 0.988 S/m; ε_r = 56.175; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.334 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.313 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.328 W/kg
SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.325 W/kg



0 dB = 0.325 W/kg = -4.88 dBW/kg

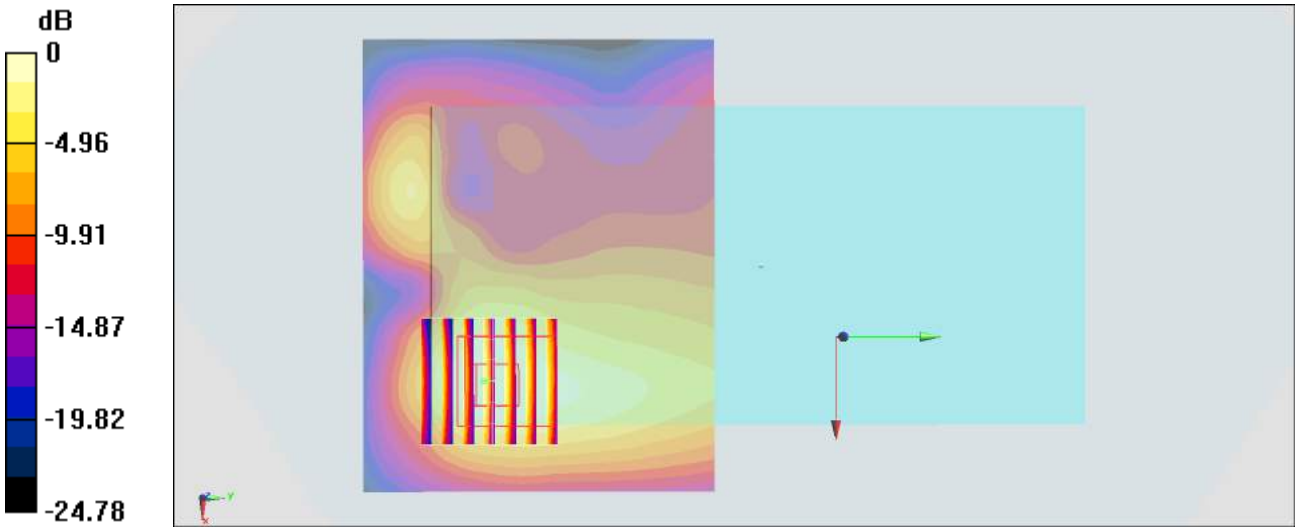
#197_LTE Band 7_20M_QPSK_50_50_Front_5mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180318 Medium parameters used: f = 2560 MHz; σ = 2.098 S/m; ε_r = 52.867; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.795 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.79 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.967 W/kg
SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.257 W/kg
Maximum value of SAR (measured) = 0.615 W/kg



0 dB = 0.615 W/kg = -2.11 dBW/kg

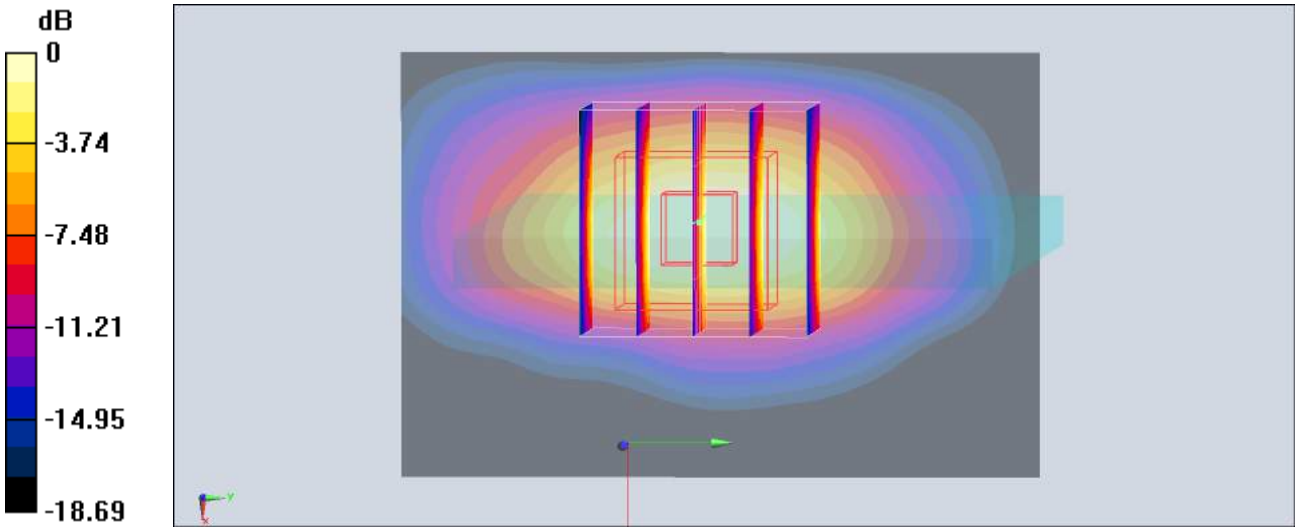
#198_LTE Band 25_20M_QPSK_50_0_Bottom Side_5mm_Ch26590

Communication System: LTE; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180319 Medium parameters used: f = 1905 MHz; σ = 1.579 S/m; ε_r = 51.979; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.01 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.512 W/kg
Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

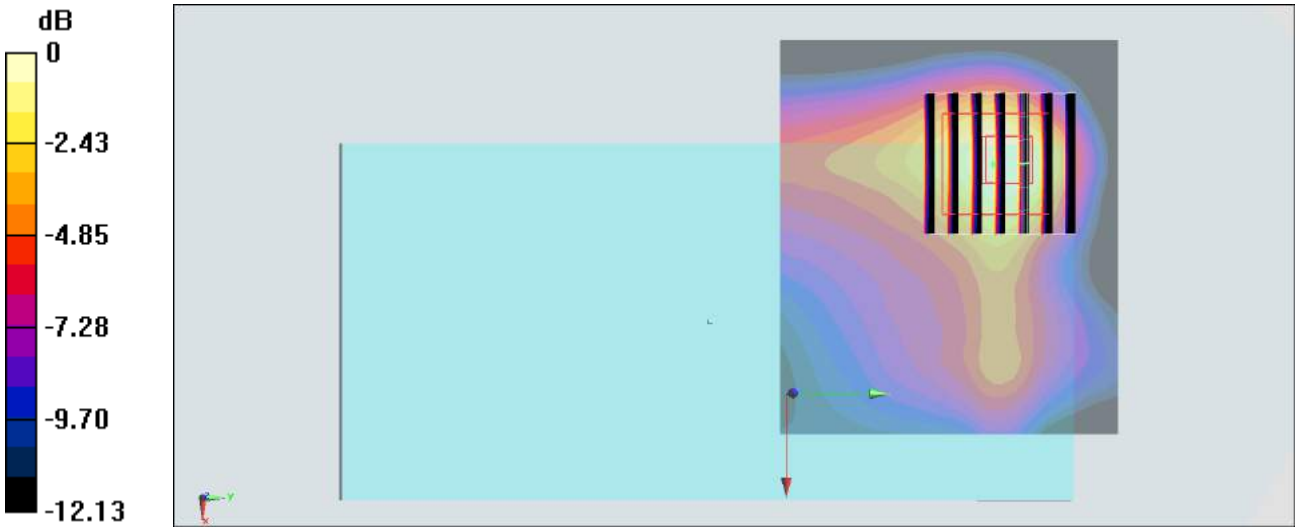
#199_WLAN2.4GHz_802.11b 1Mbps_Front_5mm_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.006
Medium: MSL_2450_180318 Medium parameters used: f = 2437 MHz; σ = 1.938 S/m; ε_r = 53.288; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.805 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.48 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 0.716 W/kg



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

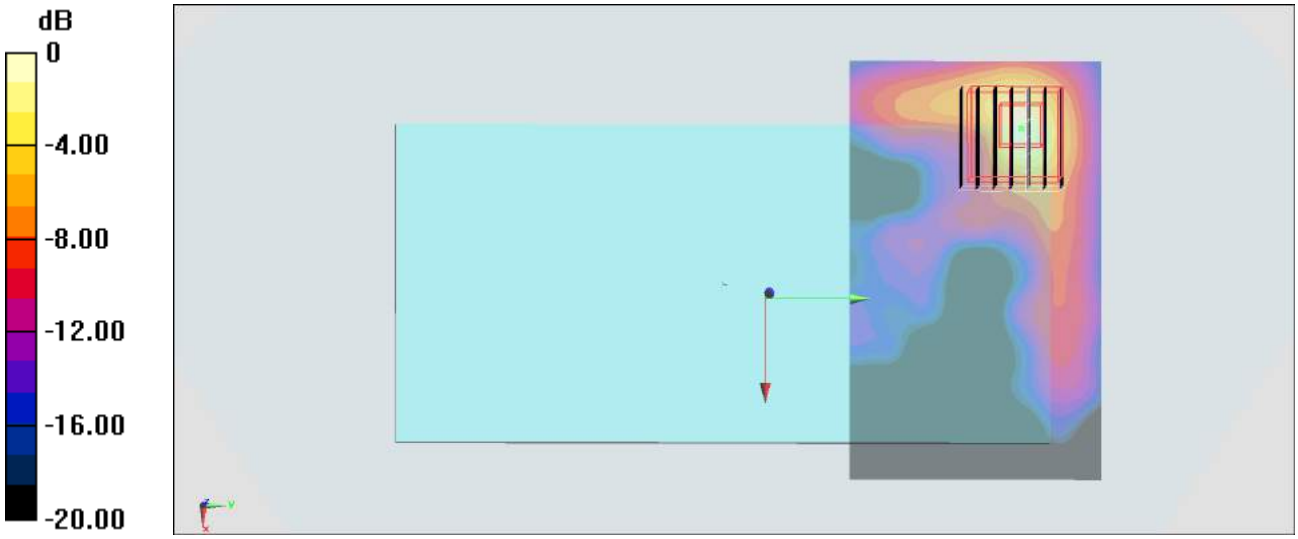
#200_WLAN5GHz_802.11ac-VHT80 MCS0_Front_5mm_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.149
Medium: MSL_5G_180321 Medium parameters used: f = 5690 MHz; σ = 5.923 S/m; ε_r = 46.951; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.676 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.118 W/kg
Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

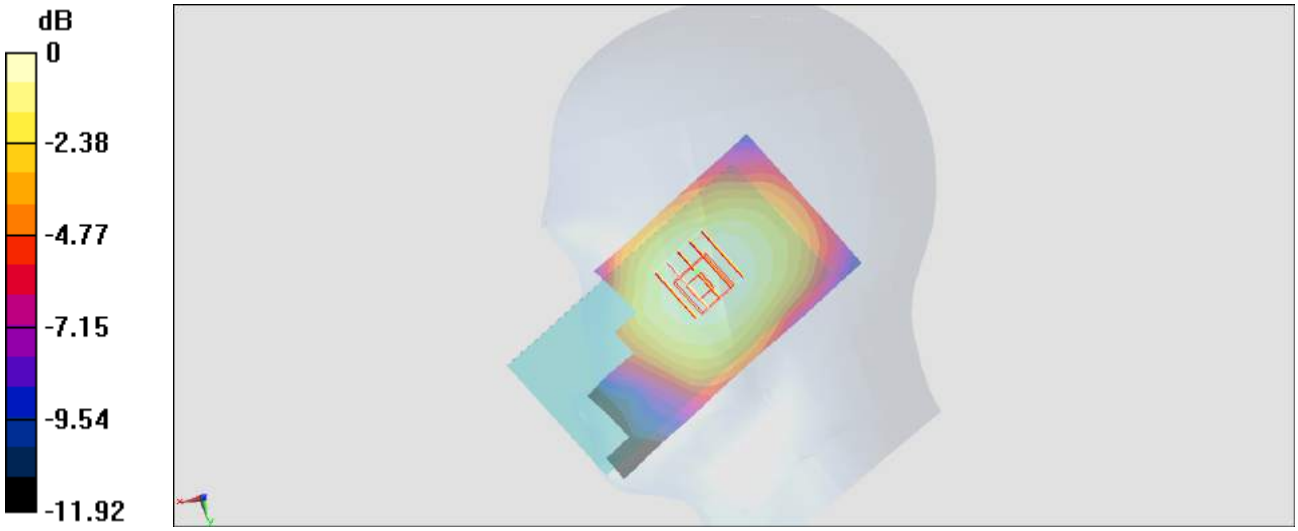
#201_GSM850_GPRS (2 Tx slots)_Right Cheek_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium: HSL_850_180327 Medium parameters used: f = 849 MHz; σ = 0.893 S/m; ε_r = 41.98; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.055 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.286 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.078 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.031 W/kg
Maximum value of SAR (measured) = 0.0549 W/kg



0 dB = 0.0549 W/kg = -12.6 dBW/kg

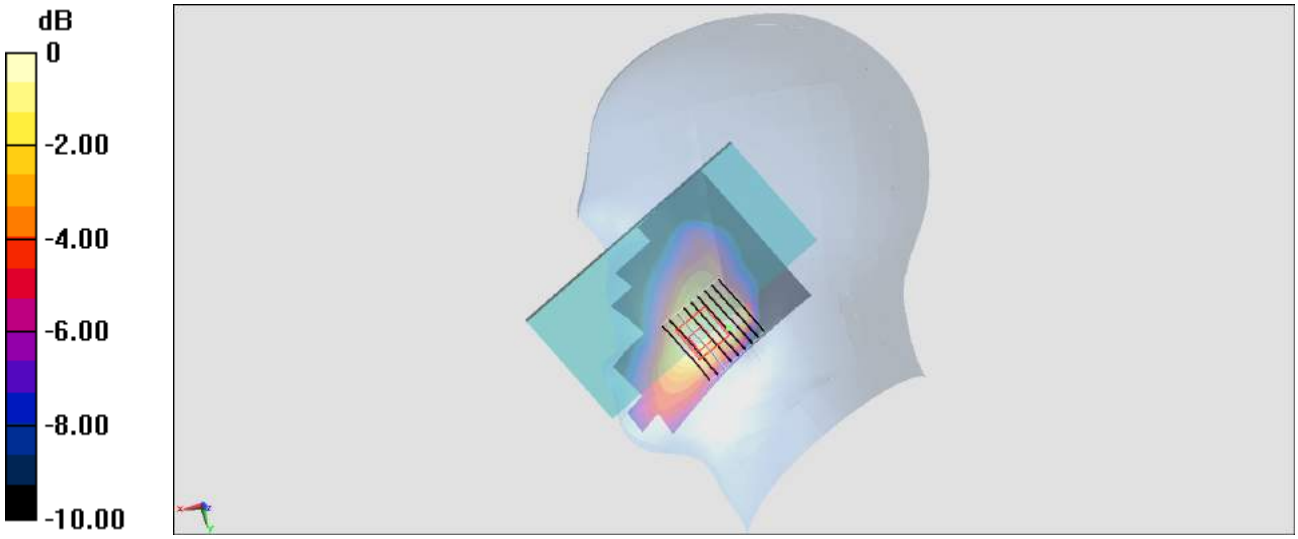
#202_LTE Band 7_20M_QPSK_1_99_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180325 Medium parameters used: f = 2560 MHz; σ = 1.949 S/m; ε_r = 39.511; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.56 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.675 W/kg; SAR(10 g) = 0.377 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

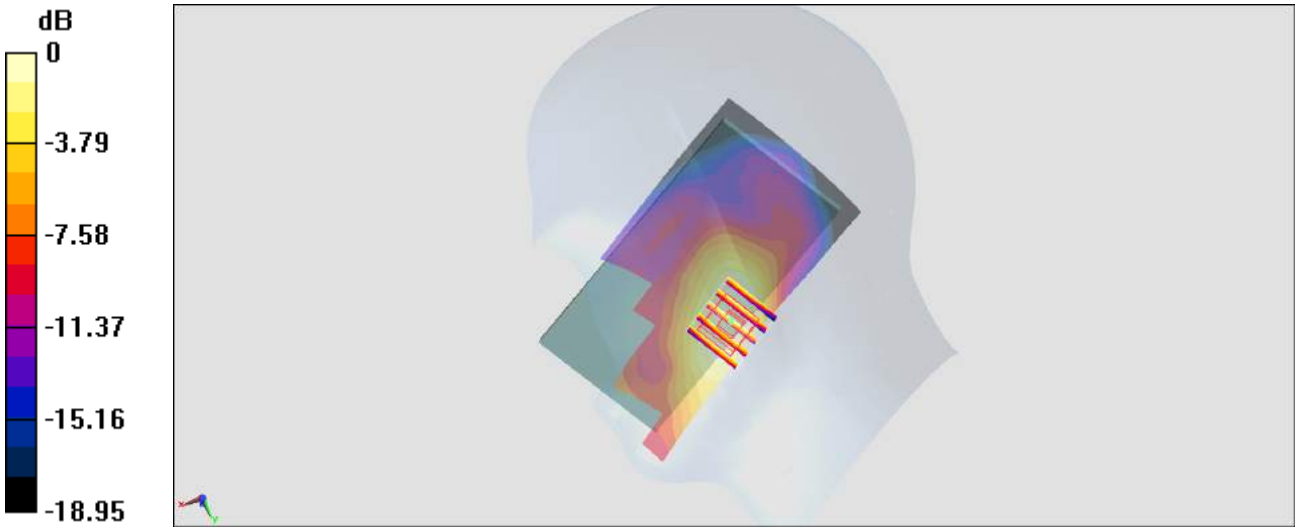
#203_LTE Band 25_20M_QPSK_1_0_Right Cheek_Ch26140

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180327 Medium parameters used: f = 1860 MHz; σ = 1.416 S/m; ε_r = 39.508; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.346 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.97 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.415 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.331 W/kg = -4.80 dBW/kg

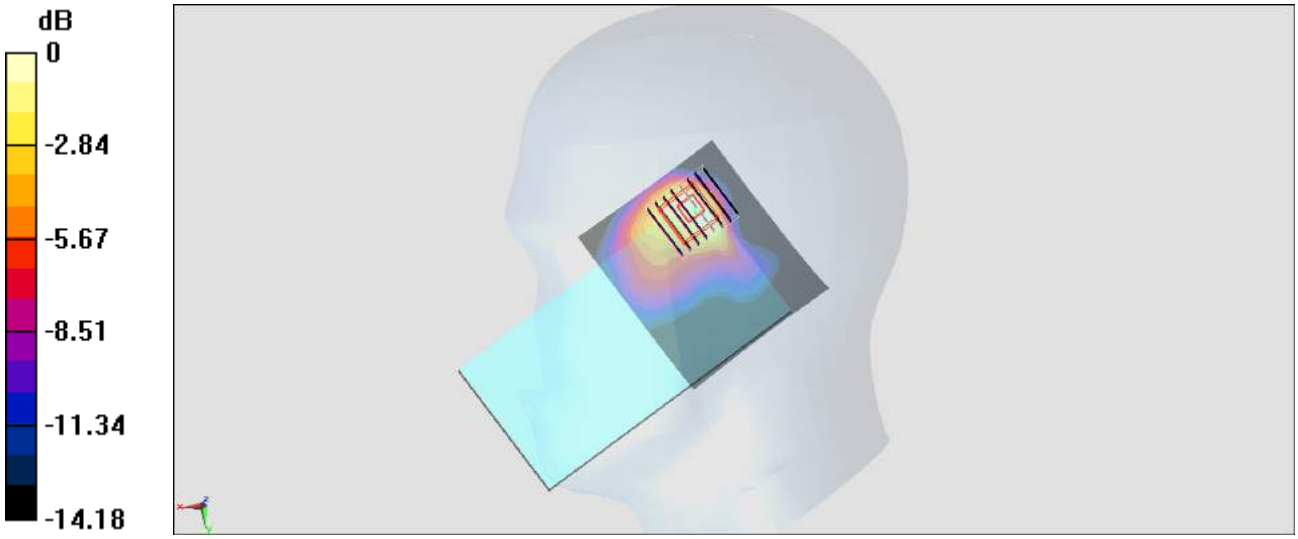
#204_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.006
Medium: HSL_2450_180325 Medium parameters used: f = 2437 MHz; σ = 1.808 S/m; ε_r = 39.99; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.24 W/kg

Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.74 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.306 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

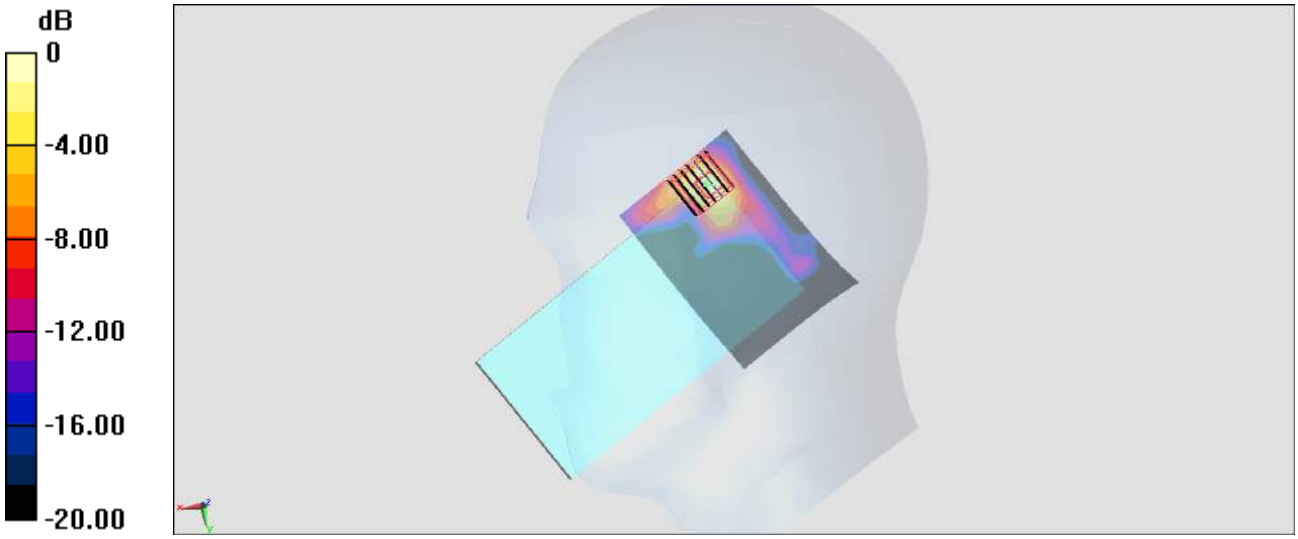
#205_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.149
Medium: HSL_5G_180327 Medium parameters used: f = 5690 MHz; σ = 5.12 S/m; ε_r = 35.486; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(5.04, 5.04, 5.04); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.95 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.940 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.74 W/kg
SAR(1 g) = 0.816 W/kg; SAR(10 g) = 0.220 W/kg
Maximum value of SAR (measured) = 2.17 W/kg



0 dB = 2.17 W/kg = 3.36 dBW/kg

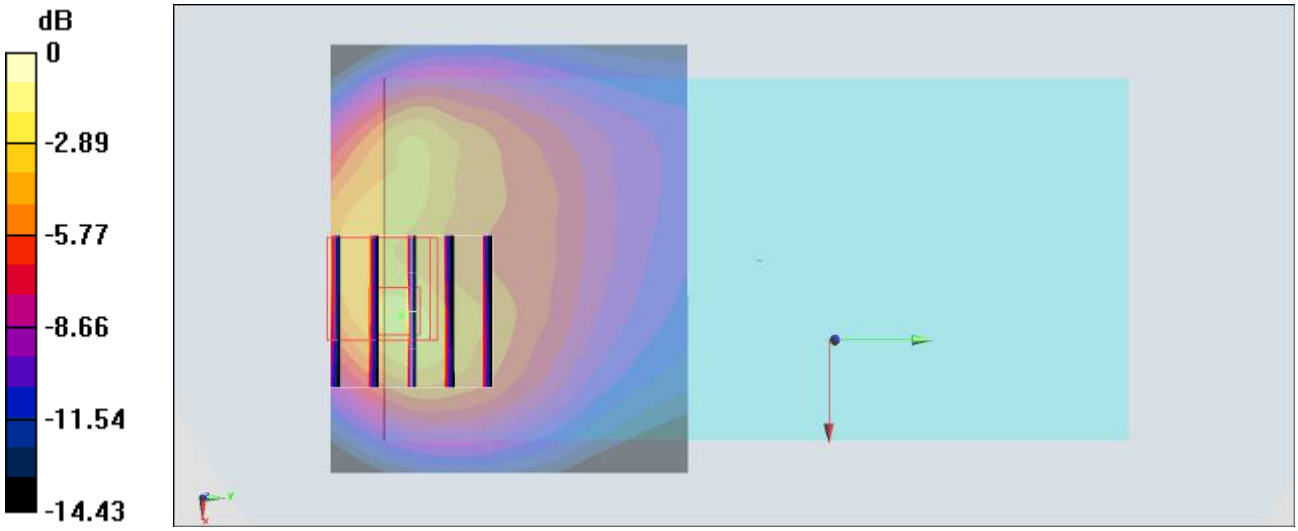
#206_GSM850_GPRS (2 Tx slots)_Front_5mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium: MSL_850_180324 Medium parameters used: f = 849 MHz; σ = 1.014 S/m; ε_r = 56.765; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.356 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.18 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.144 W/kg
Maximum value of SAR (measured) = 0.345 W/kg



0 dB = 0.345 W/kg = -4.62 dBW/kg

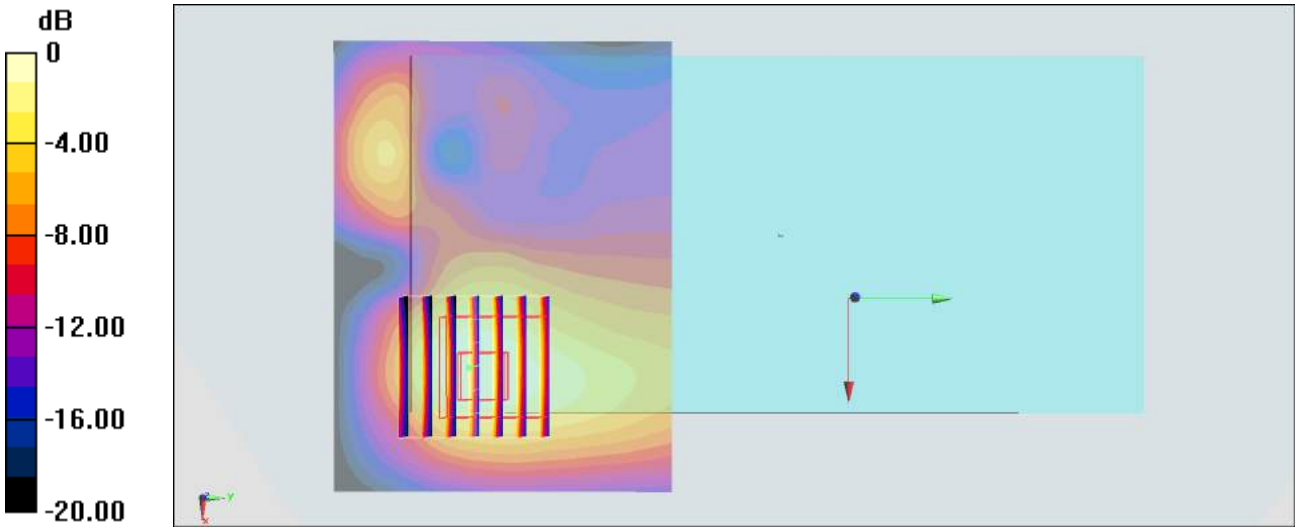
#207_LTE Band 7_20M_QPSK_50_50_Front_5mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180326 Medium parameters used: f = 2560 MHz; σ = 2.129 S/m; ε_r = 50.852; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.770 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.46 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.288 W/kg
Maximum value of SAR (measured) = 0.745 W/kg



0 dB = 0.745 W/kg = -1.28 dBW/kg

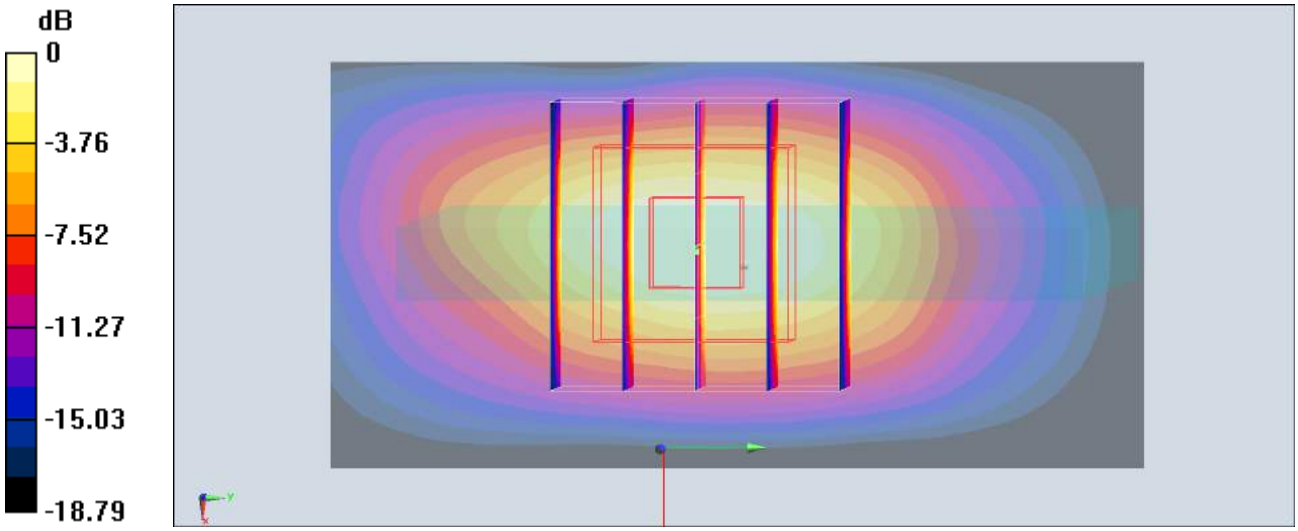
#208_LTE Band 25_20M_QPSK_50_0_Bottom Side_5mm_Ch26590

Communication System: LTE; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180324 Medium parameters used: f = 1905 MHz; σ = 1.561 S/m; ε_r = 53.864; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (31x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.38 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.99 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.443 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

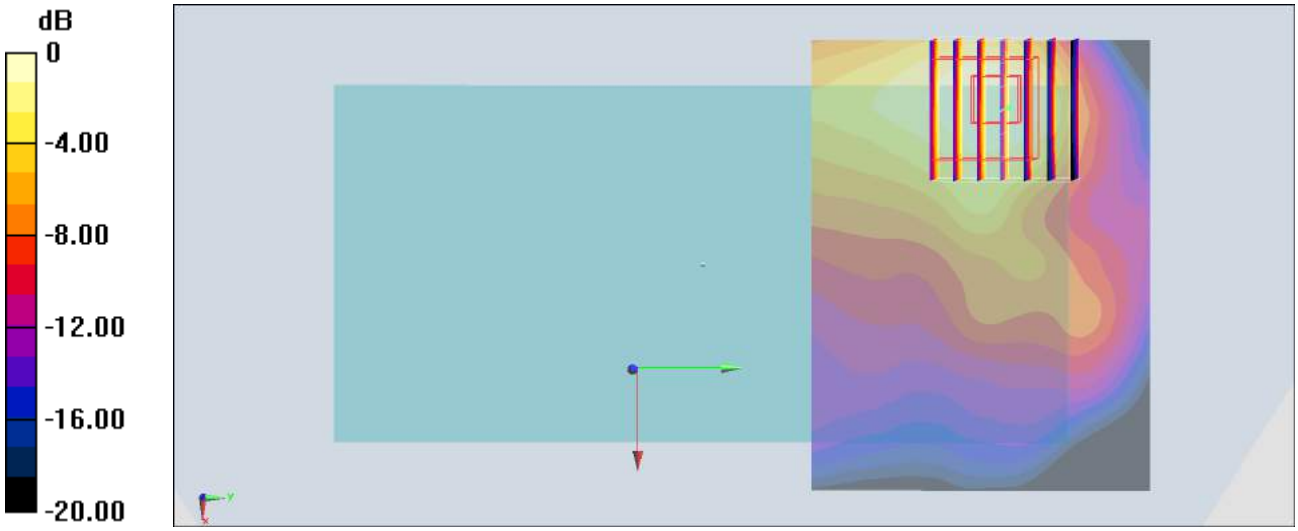
#209_WLAN2.4GHz_802.11b 1Mbps_Front_5mm_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.006
Medium: MSL_2450_180326 Medium parameters used : f = 2437 MHz; σ = 1.959 S/m; ε_r = 51.317; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.861 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.41 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.357 W/kg
Maximum value of SAR (measured) = 0.829 W/kg



0 dB = 0.829 W/kg = -0.81 dBW/kg

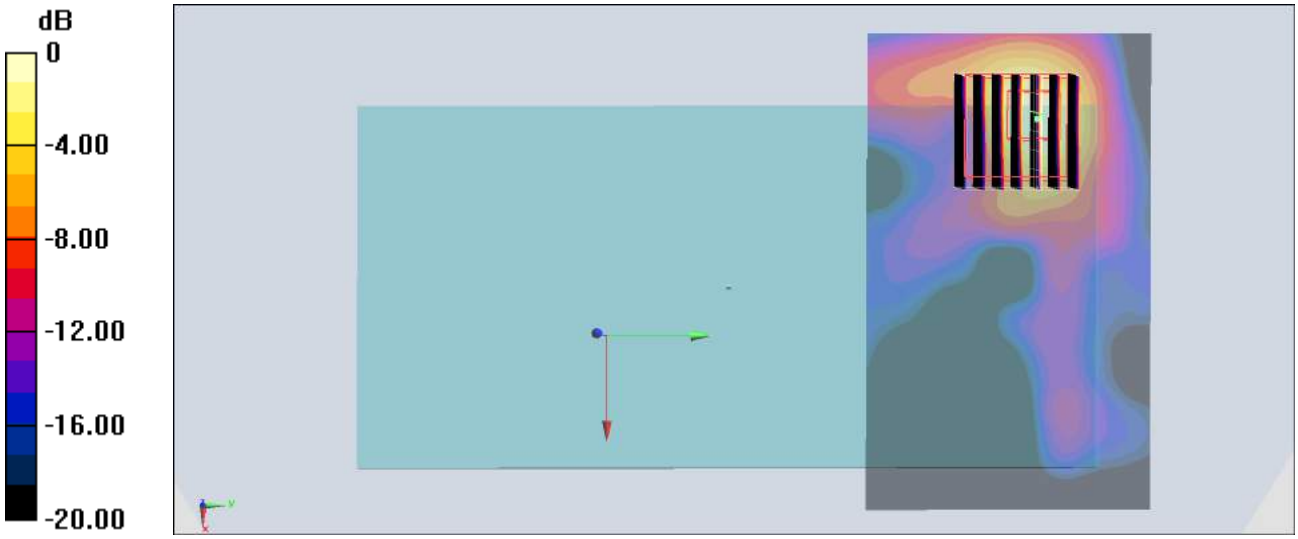
#210_WLAN5GHz_802.11ac-VHT80 MCS0_Front_5mm_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.149
Medium: MSL_5G_180327 Medium parameters used: f = 5690 MHz; σ = 6.082 S/m; ε_r = 47.379; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (101x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.91 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.68 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 3.33 W/kg
SAR(1 g) = 0.679 W/kg; SAR(10 g) = 0.202 W/kg
Maximum value of SAR (measured) = 1.92 W/kg



0 dB = 1.92 W/kg = 2.83 dBW/kg