#124 WLAN5G_ 802.11a_Front_1.5cm_Ch161_Keypad2_Camera1

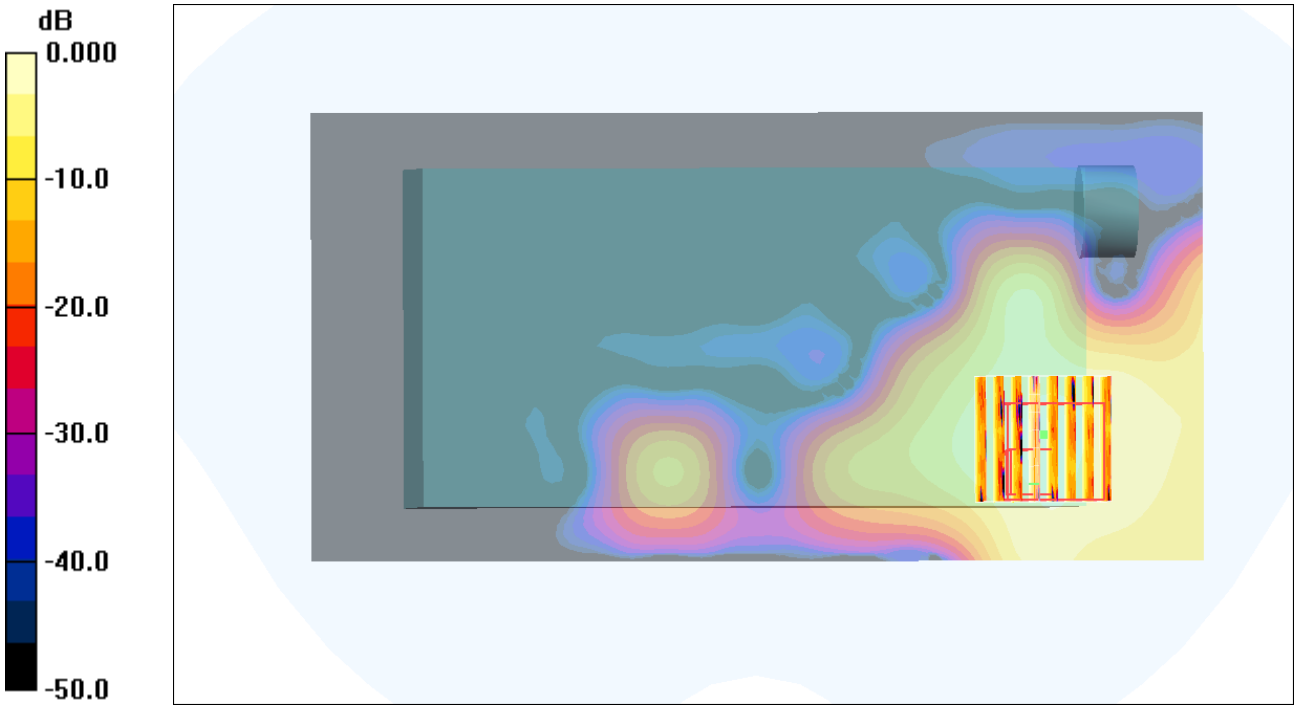
DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used: f = 5805 MHz; σ = 6 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.148 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.231 mW/g



0 dB = 0.231mW/g

#121 WLAN5G_ 802.11a_Front_1.5cm_Ch161_Keypad3_Camera1

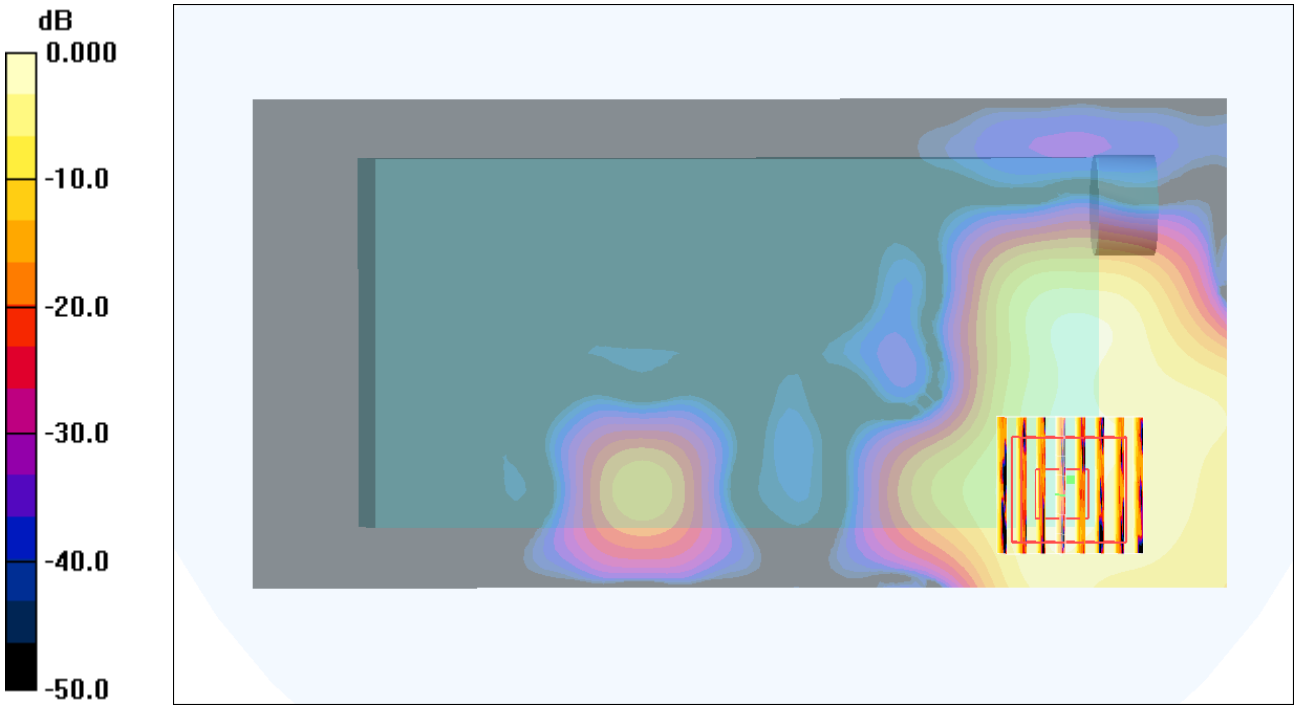
DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used: f = 5805 MHz; σ = 6 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.170 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 0.475 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.257 mW/g



0 dB = 0.257mW/g

#163 WLAN5G_ 802.11a_Front_1.5cm_Ch161_Keypad1_Camera2

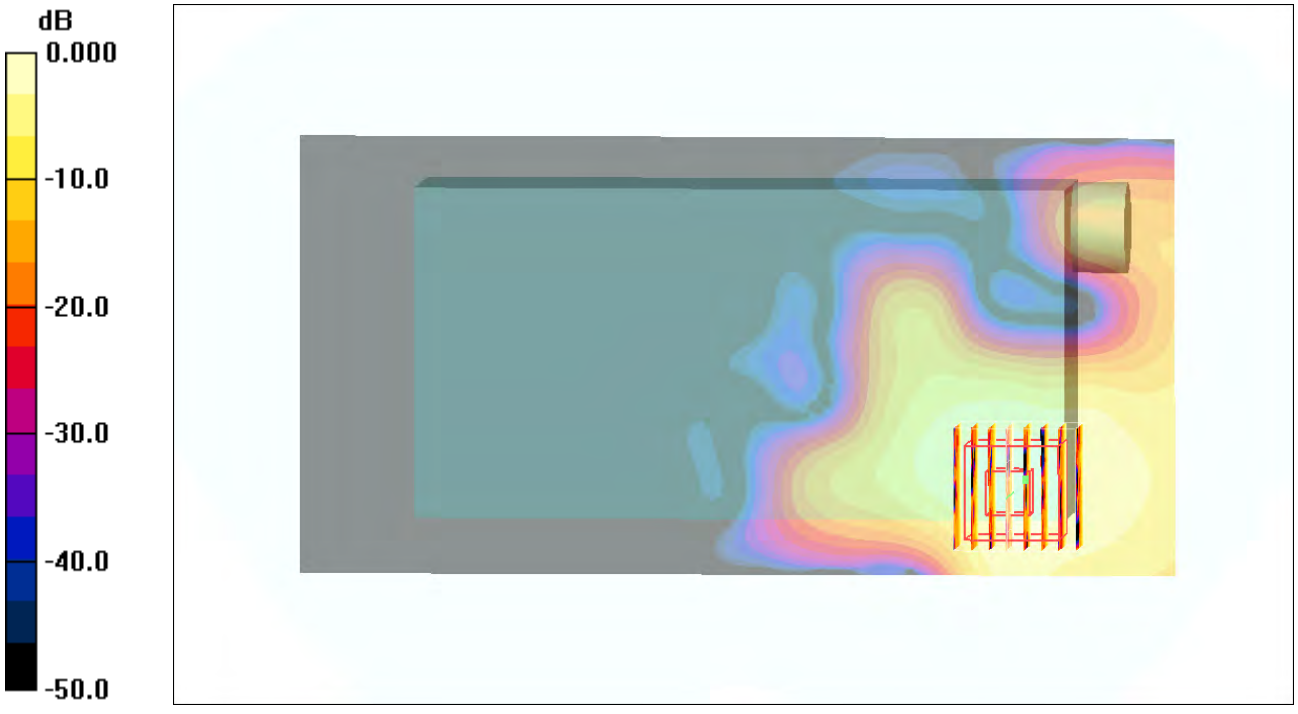
DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5805 MHz; σ = 6.24 mho/m; ε_r = 46.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.186 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.527 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.065 mW/g
Maximum value of SAR (measured) = 0.294 mW/g



0 dB = 0.294mW/g

#163 WLAN5G_ 802.11a_Front_1.5cm_Ch161_Keypad1_Camera2_2D

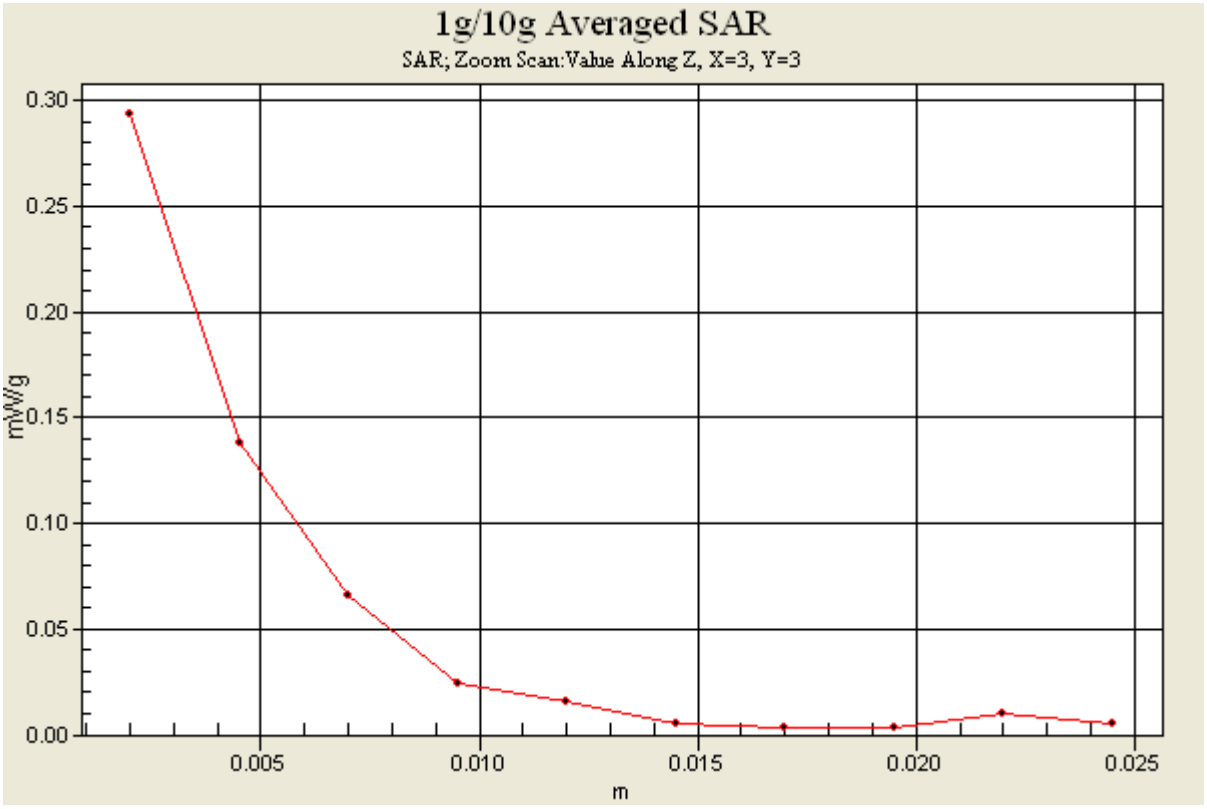
DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5805 MHz; σ = 6.24 mho/m; ε_r = 46.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.186 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.527 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.065 mW/g
Maximum value of SAR (measured) = 0.294 mW/g



#164 WLAN5G_ 802.11a_Front_1.5cm_Ch149_Keypad1_Camera2

DUT: 221518-01

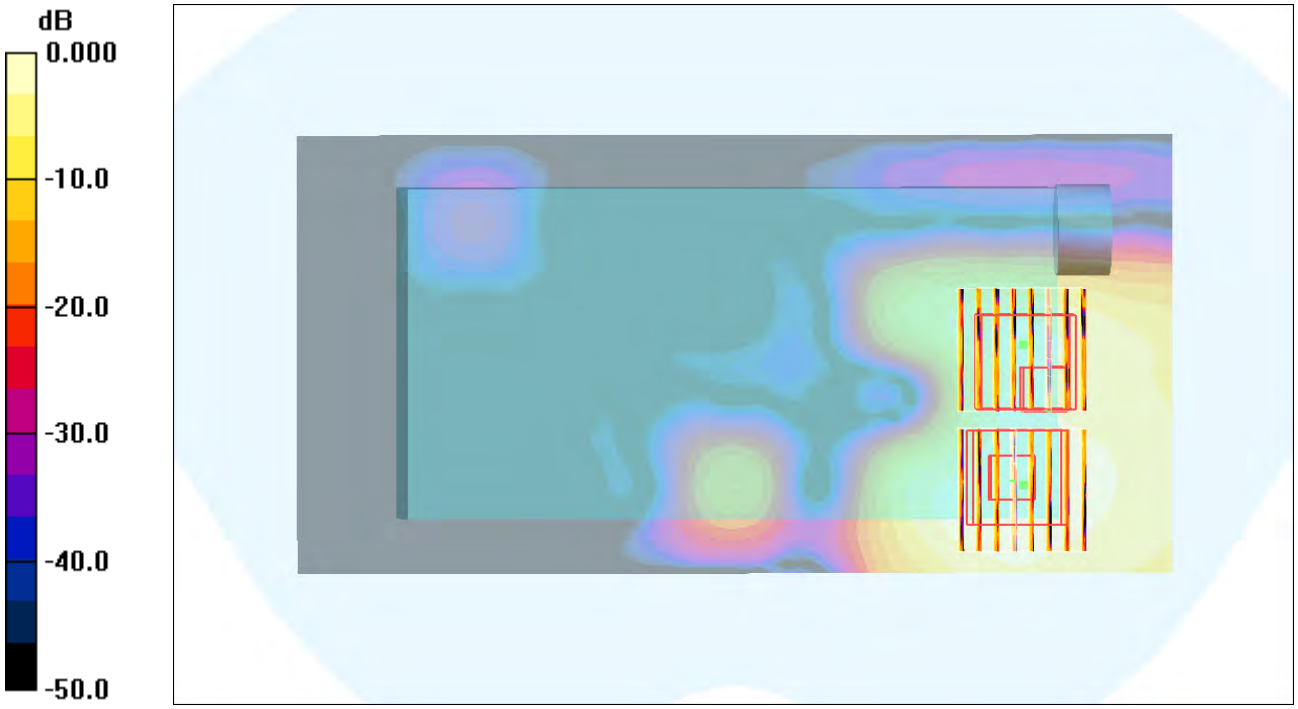
Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5745 MHz; σ = 6.17 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch149/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.181 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.668 V/m; Power Drift = -0.178 dB
Peak SAR (extrapolated) = 0.510 W/kg
SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.065 mW/g
Maximum value of SAR (measured) = 0.286 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.668 V/m; Power Drift = -0.178 dB
Peak SAR (extrapolated) = 0.371 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.185 mW/g



0 dB = 0.185mW/g

#185 WLAN5G_ 802.11a_Front_0cm_Ch161_Keypad1_Camera2_Soft

DUT: 221518-01

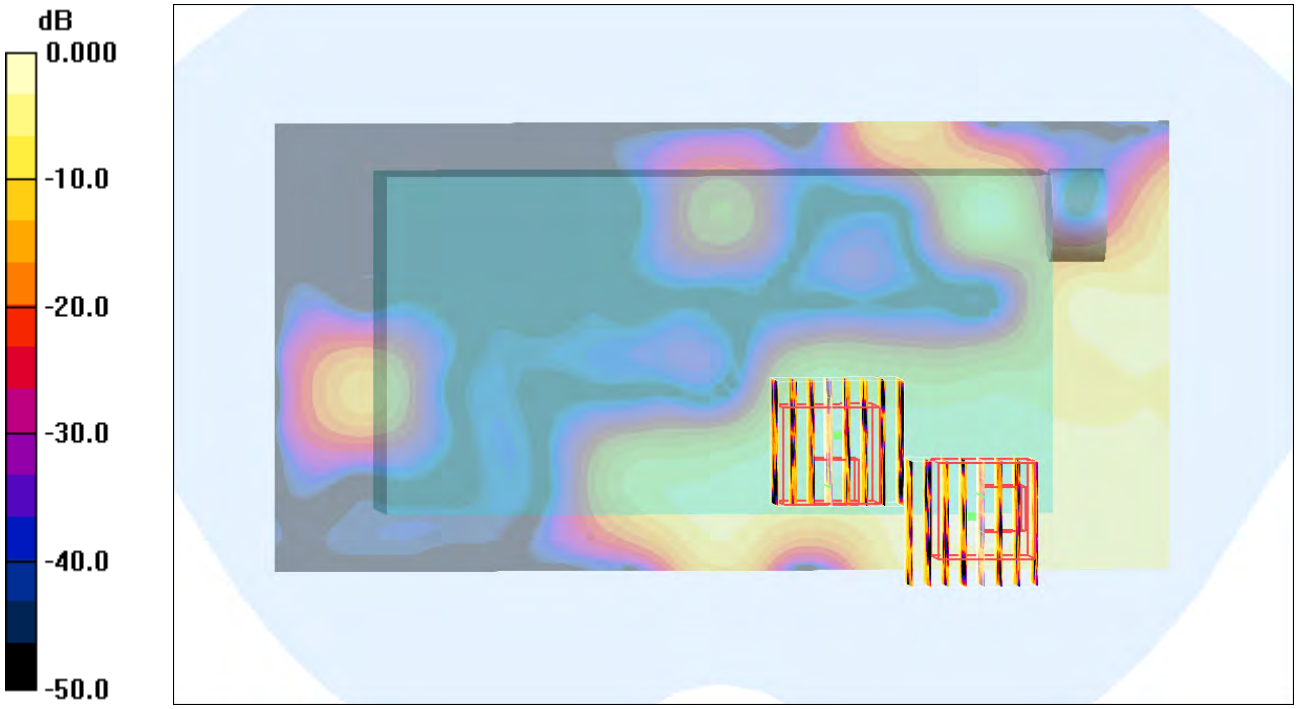
Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5805 MHz; σ = 6.24 mho/m; ε_r = 46.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.066 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.878 V/m; Power Drift = 0.148 dB
Peak SAR (extrapolated) = 0.188 W/kg
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.121 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.878 V/m; Power Drift = 0.148 dB
Peak SAR (extrapolated) = 0.392 W/kg
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.106 mW/g



0 dB = 0.106mW/g

#186 WLAN5G_ 802.11a_Front_0cm_Ch149_Keypad1_Camera2_Soft

DUT: 221518-01

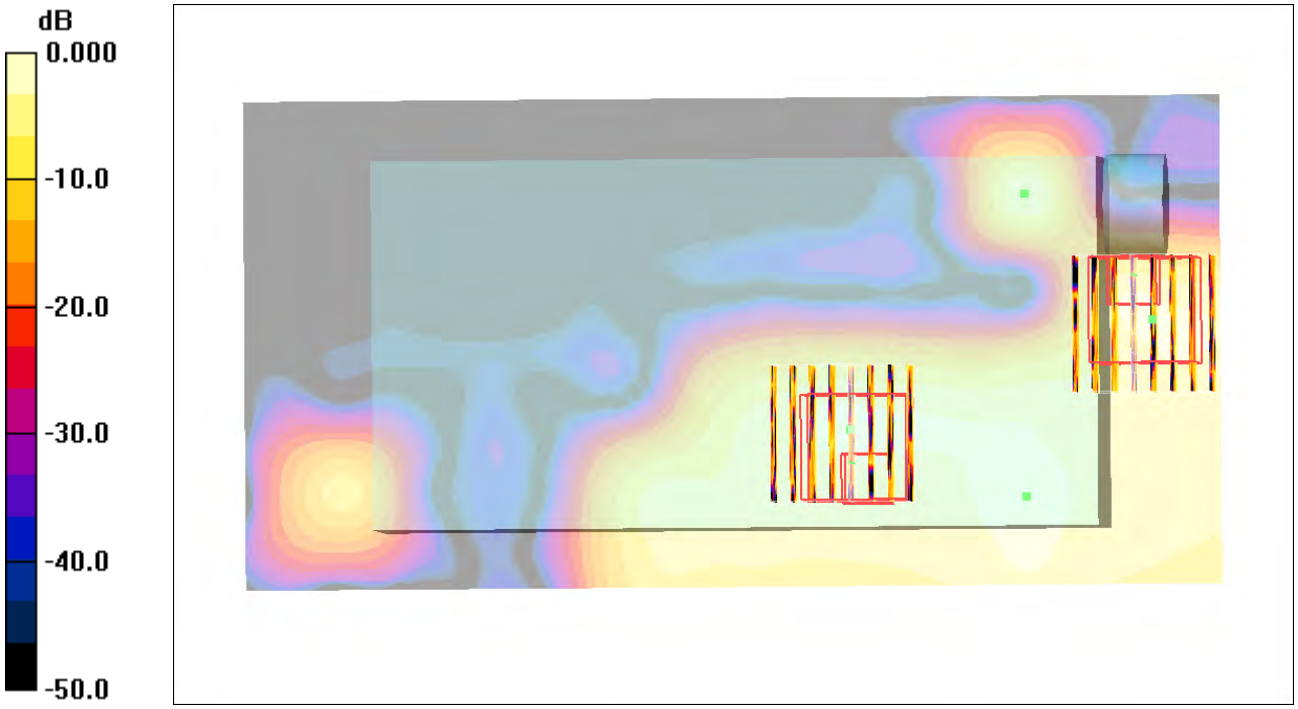
Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5745 MHz; σ = 6.17 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch149/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.056 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.925 V/m; Power Drift = 0.179 dB
Peak SAR (extrapolated) = 0.352 W/kg
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.112 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.925 V/m; Power Drift = 0.179 dB
Peak SAR (extrapolated) = 0.494 W/kg
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.089 mW/g



0 dB = 0.089mW/g

#187 WLAN5G_ 802.11a_Front_0cm_Ch161_Keypad1_Camera2_Rigid

DUT: 221518-01

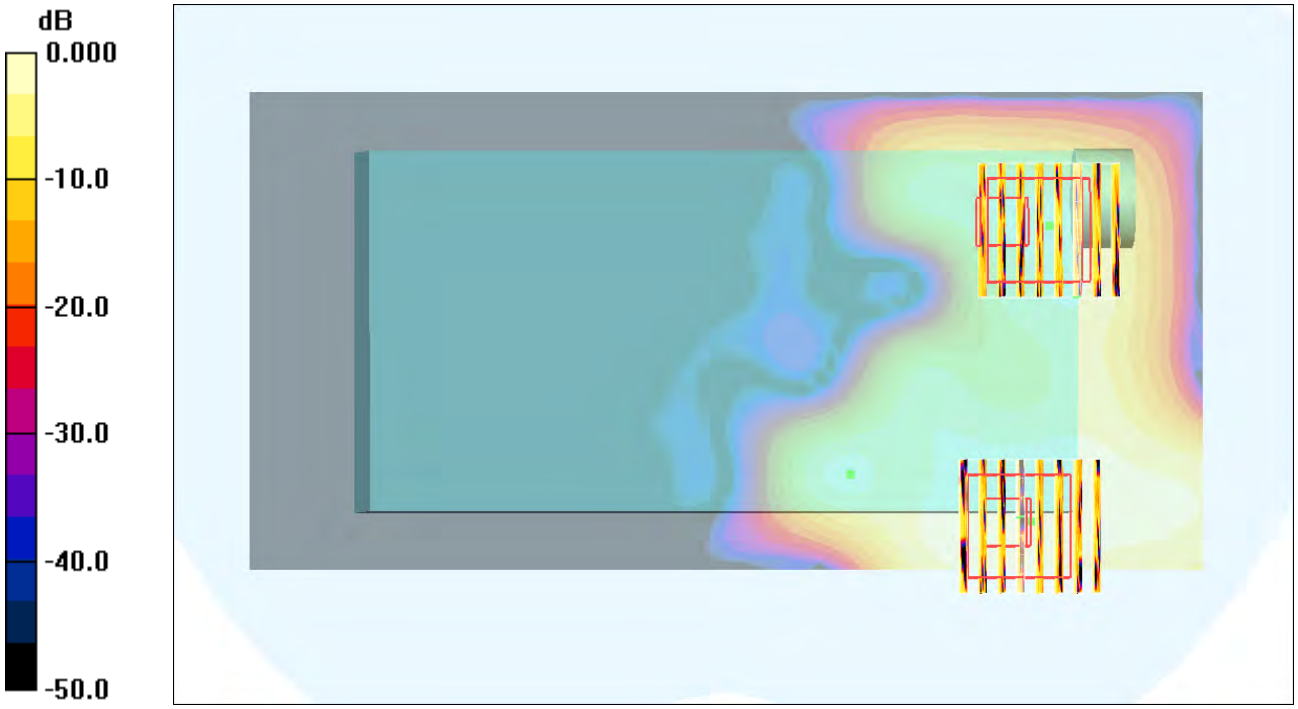
Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5805 MHz; σ = 6.24 mho/m; ε_r = 46.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.058 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.943 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.122 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.943 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 0.419 W/kg
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.072 mW/g



0 dB = 0.072mW/g

#188 WLAN5G_ 802.11a_Front_0cm_Ch149_Keypad1_Camera2_Rigid

DUT: 221518-01

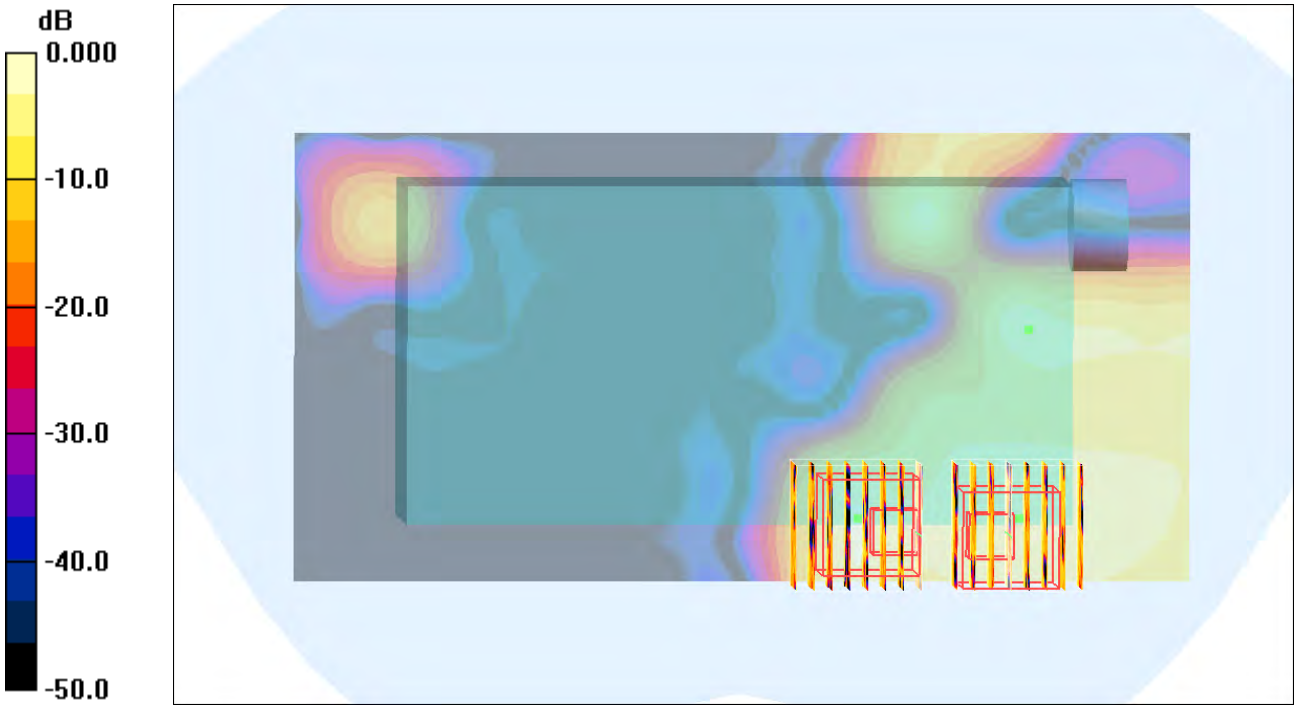
Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5745 MHz; σ = 6.17 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch149/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.063 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.07 V/m; Power Drift = -0.133 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.122 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.07 V/m; Power Drift = -0.133 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.072 mW/g



0 dB = 0.072mW/g

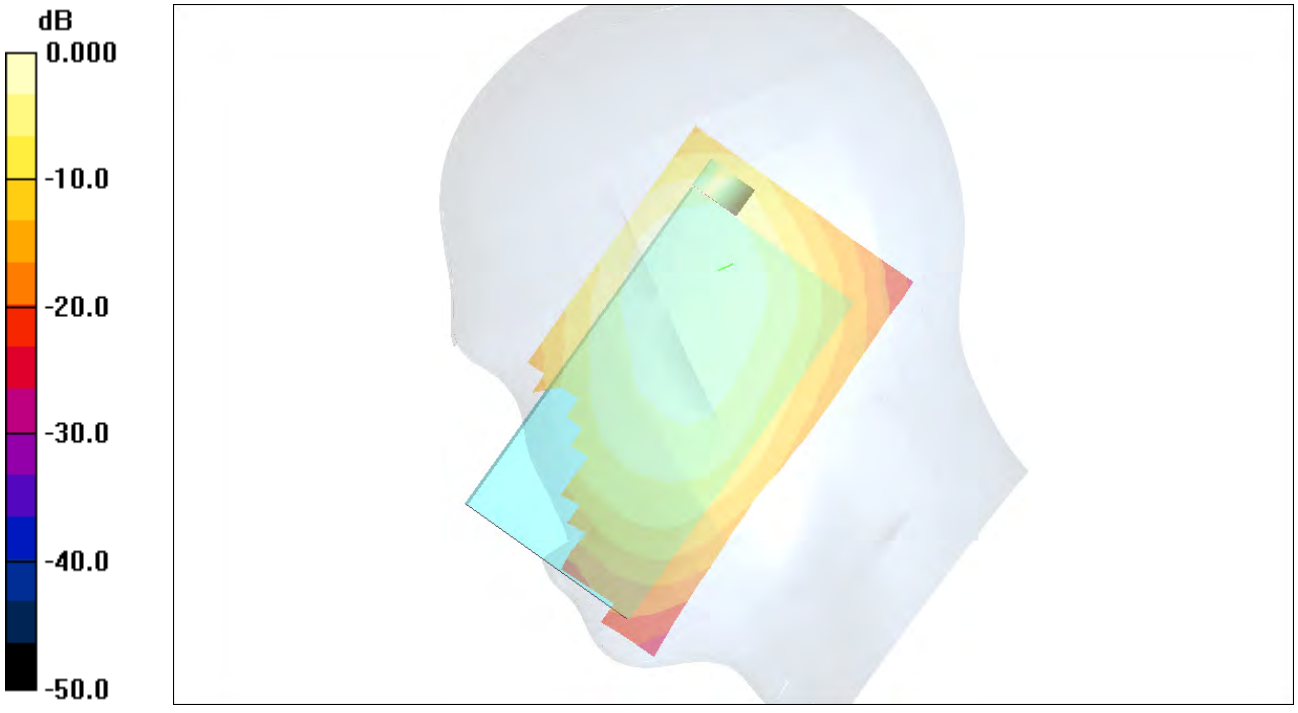
#190 GSM850_Right Cheek_Ch251_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.2 V/m; Power Drift = -0.192 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.697 mW/g
Total Absorbed Power = 0.100414 W
Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

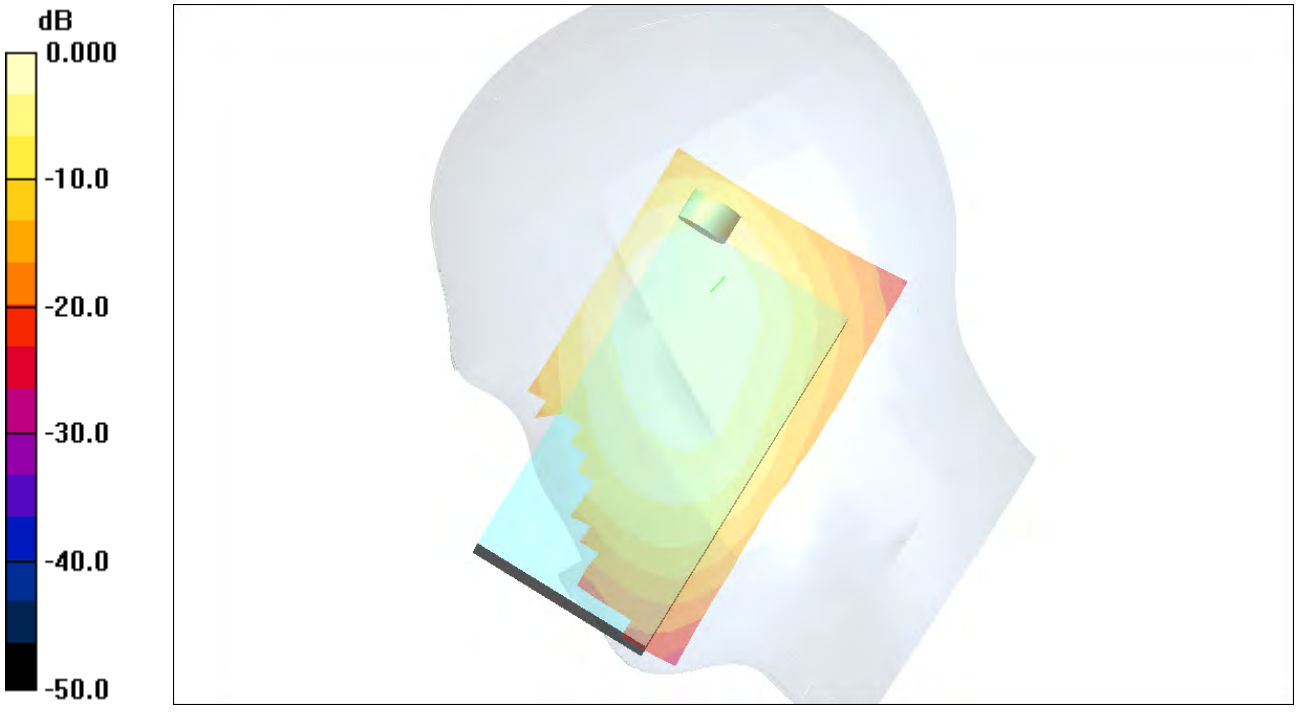
#191 WCDMA V_RMC12.2K_Right Cheek_Ch4182_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.7; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.4 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.772 mW/g
Total Absorbed Power = 0.111145 W
Maximum value of SAR (measured) = 1.18 mW/g



0 dB = 1.18mW/g

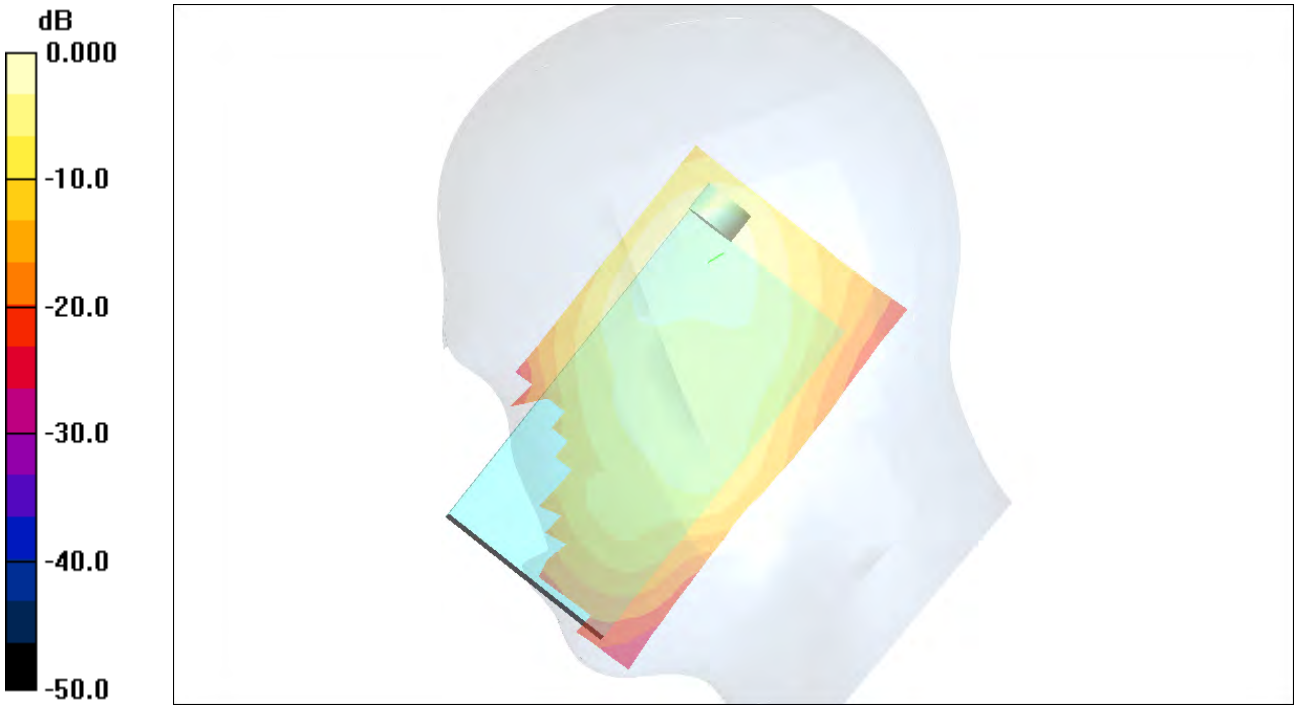
#192 WCDMA II_RMC12.2K_Right Cheek_Ch9400_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 38.6; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.9 V/m; Power Drift = 0.033 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.575 mW/g
Total Absorbed Power = 0.0585003 W
Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04mW/g

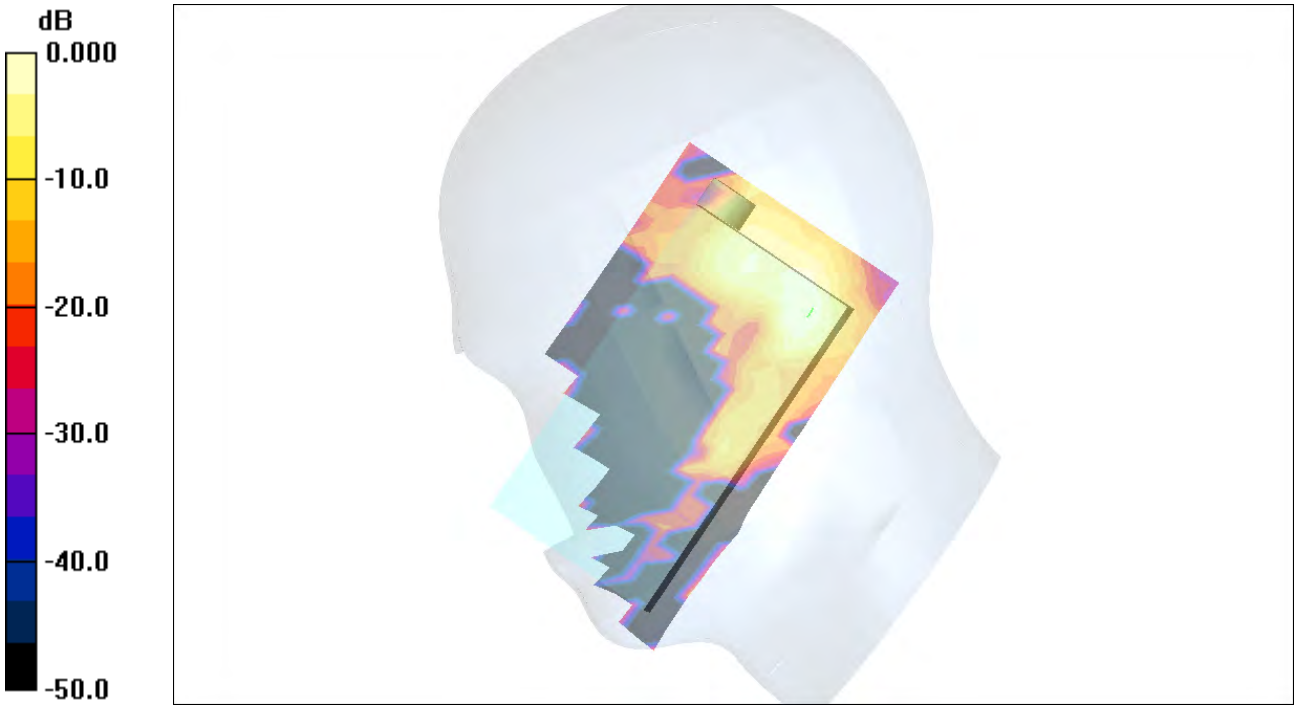
#194 WLAN5G_ 802.11a_Right Cheek_Ch140_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5700 MHz; σ = 5.28 mho/m; ε_r = 34.4; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch140/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.28 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 3.14 W/kg
SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.216 mW/g
Total Absorbed Power = 0.0054863 W
Maximum value of SAR (measured) = 0.575 mW/g



0 dB = 0.575mW/g

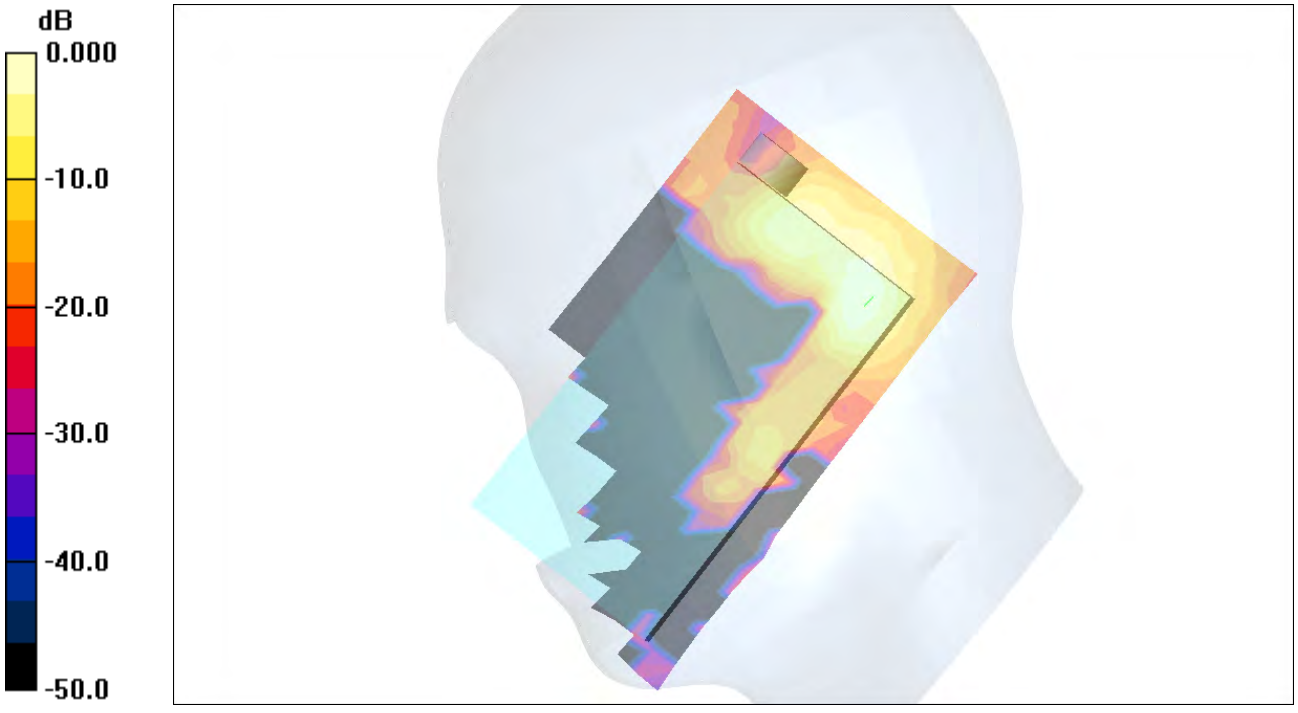
#195 WLAN5G_ 802.11a_Right Cheek_Ch161_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used : f = 5805 MHz; σ = 5.37 mho/m; ε_r = 34.2; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.73 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.250 mW/g
Total Absorbed Power = 0.00689467 W
Maximum value of SAR (measured) = 0.838 mW/g



0 dB = 0.838mW/g

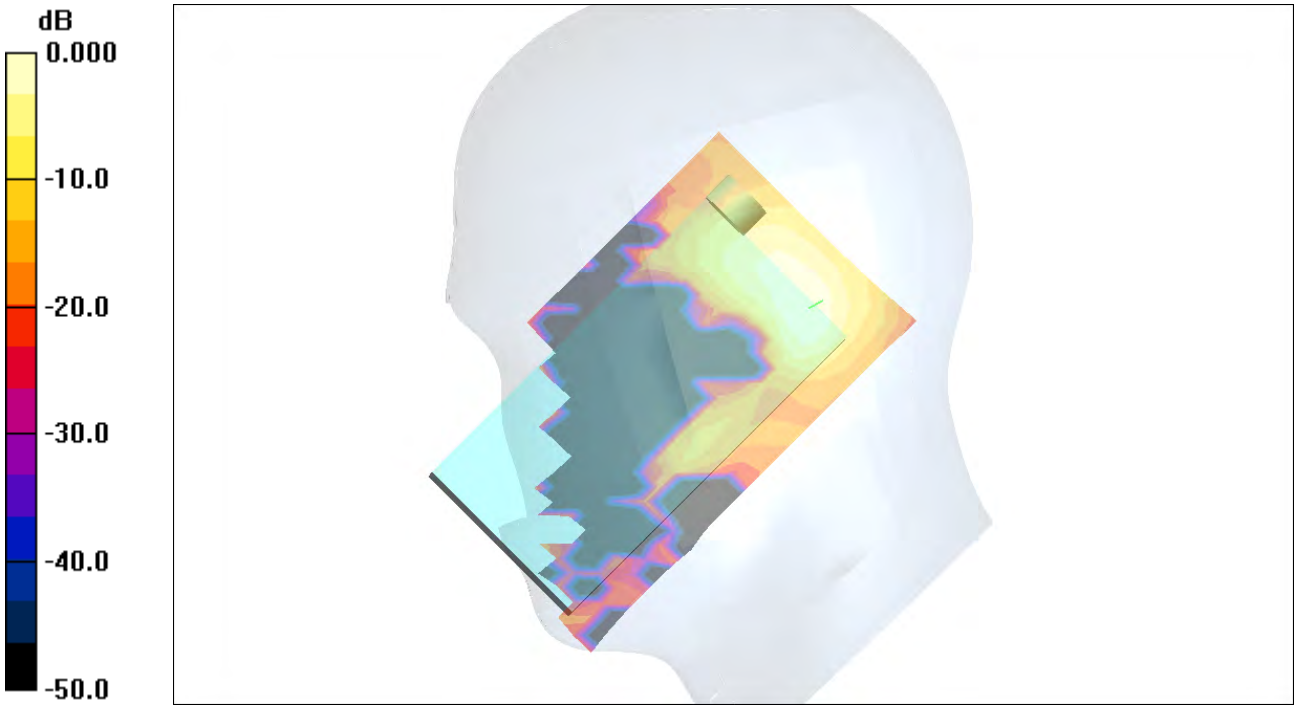
#221 WLAN5G_ 802.11a_Right Cheek_Ch52_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5260 MHz; σ = 4.84 mho/m; ε_r = 35.2; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.21 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.783 W/kg
SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.154 mW/g
Total Absorbed Power = 0.00458824 W
Maximum value of SAR (measured) = 0.446 mW/g



0 dB = 0.446mW/g

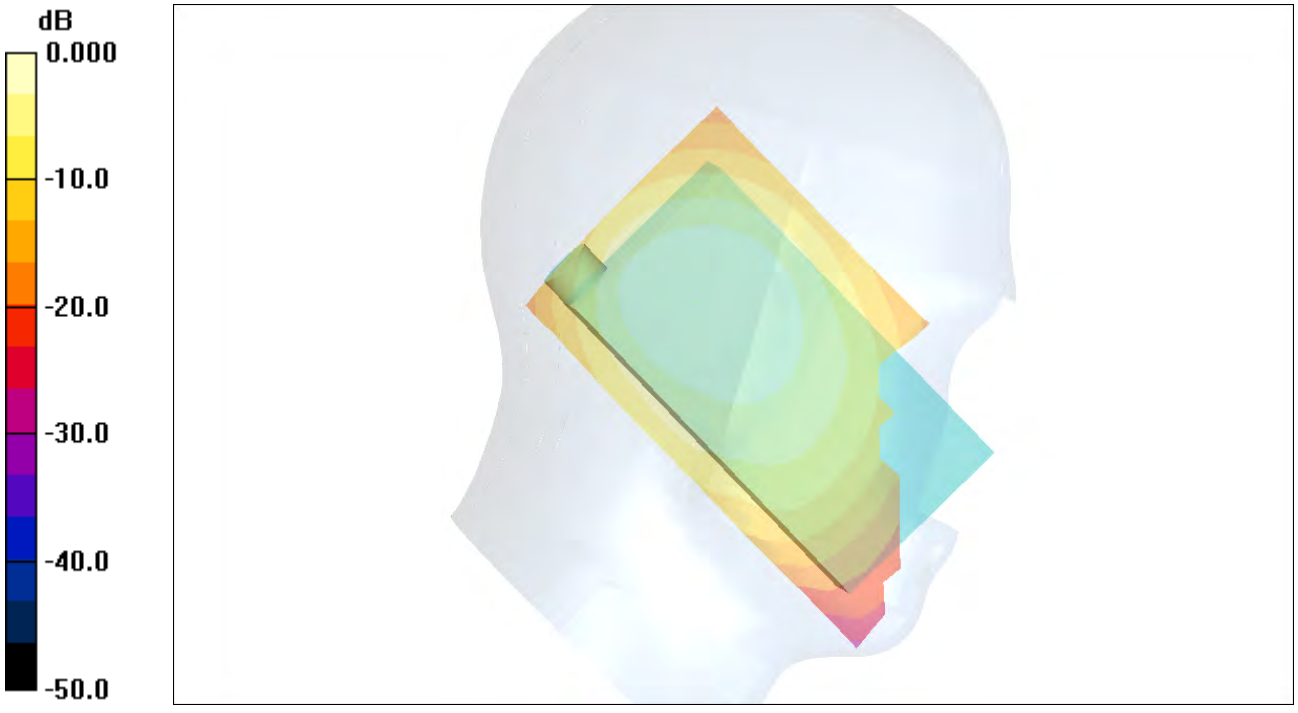
#196 GSM850_Left Cheek_Ch251_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.6 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.671 mW/g
Total Absorbed Power = 0.0873526 W
Maximum value of SAR (measured) = 0.933 mW/g



0 dB = 0.933mW/g

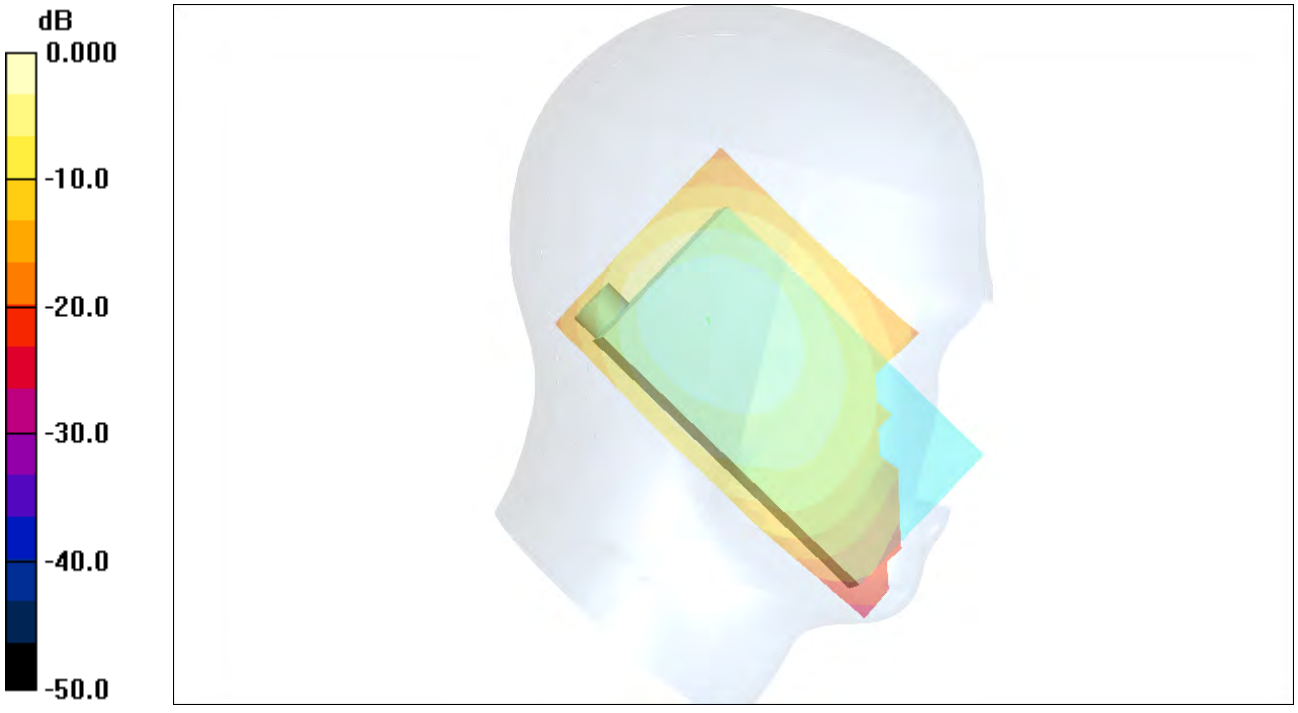
#197 WCDMA V_RMC12.2K_Left Cheek_Ch4182_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used : f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.7; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.2 V/m; Power Drift = -0.186 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.942 mW/g; SAR(10 g) = 0.703 mW/g
Total Absorbed Power = 0.0932081 W
Maximum value of SAR (measured) = 0.985 mW/g



0 dB = 0.985mW/g

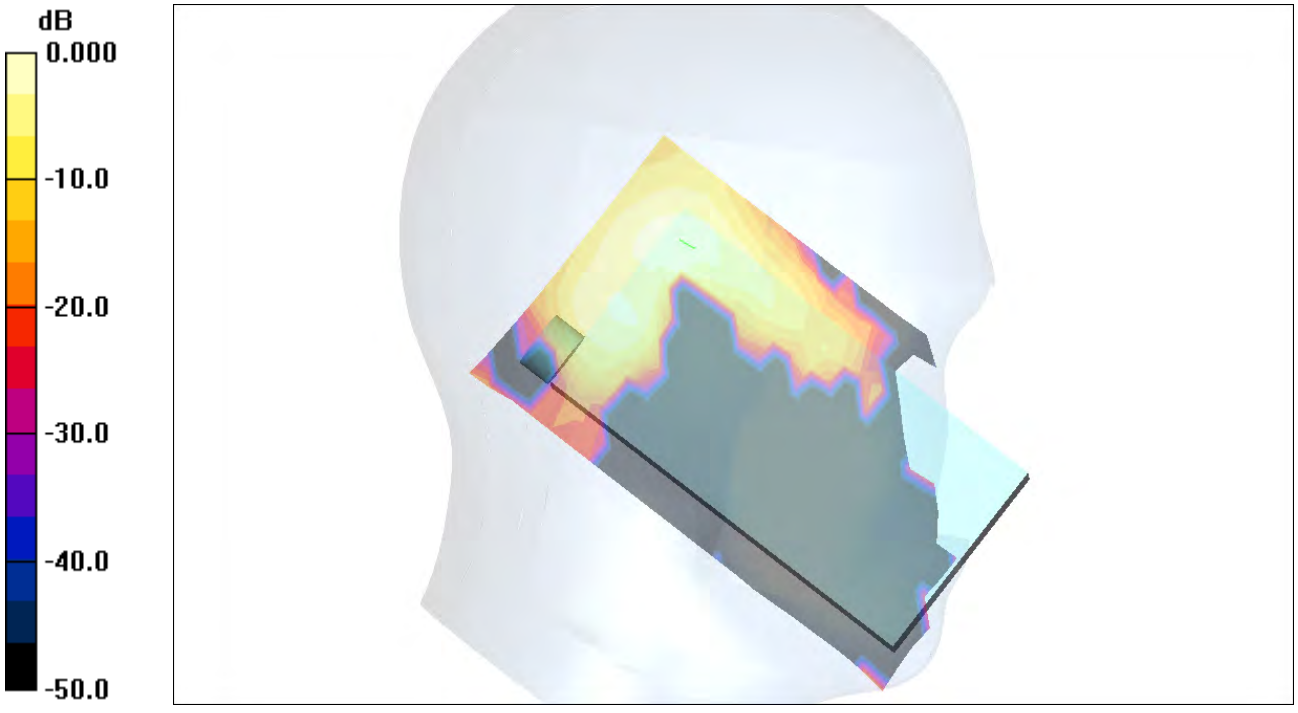
#198 WLAN5G_ 802.11a_Left Cheek_Ch161_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used : f = 5805 MHz; σ = 5.37 mho/m; ε_r = 34.2; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.13 V/m; Power Drift = 0.134 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.200 mW/g
Total Absorbed Power = 0.00788206 W
Maximum value of SAR (measured) = 0.626 mW/g



0 dB = 0.626mW/g

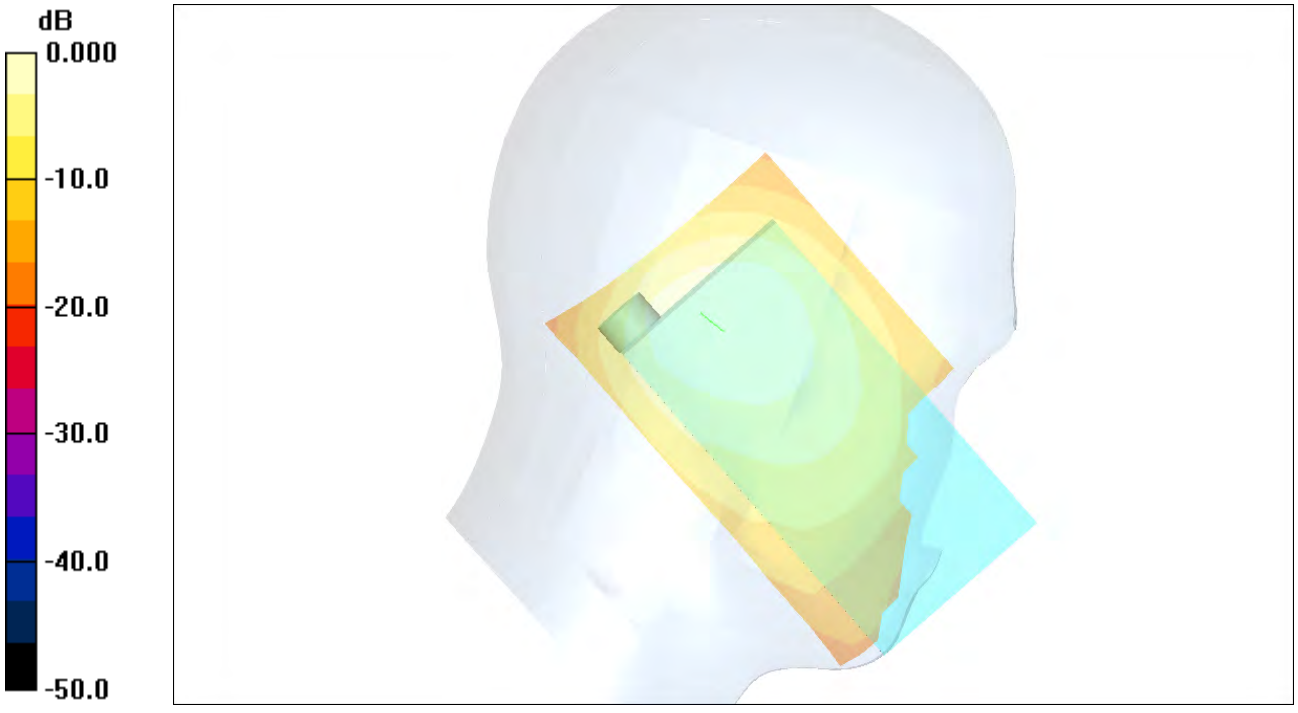
#199 GSM850_Left Tilted_Ch251_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.9 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.588 mW/g
Total Absorbed Power = 0.0702188 W
Maximum value of SAR (measured) = 0.868 mW/g



0 dB = 0.868mW/g

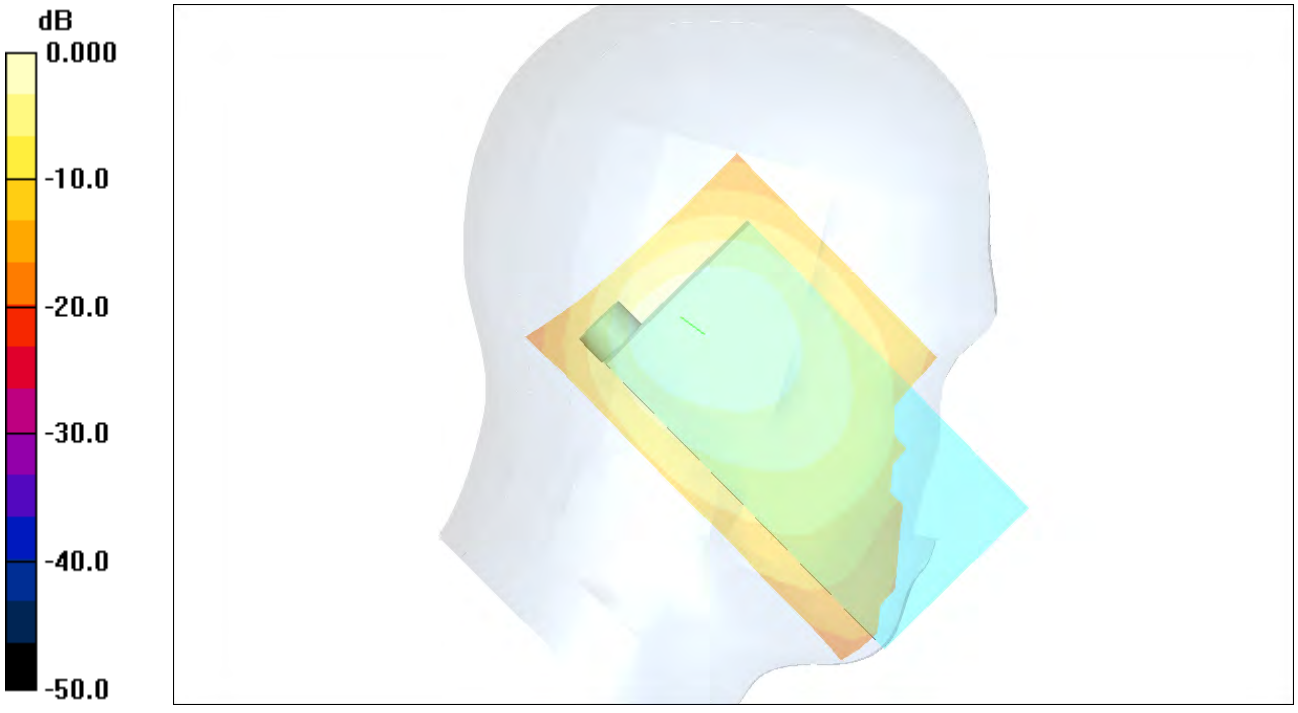
#220 WCDMA V_Left Tilted_Ch4182_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.7; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.3 V/m; Power Drift = -0.138 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.878 mW/g; SAR(10 g) = 0.620 mW/g
Total Absorbed Power = 0.0772408 W
Maximum value of SAR (measured) = 0.917 mW/g



0 dB = 0.917mW/g

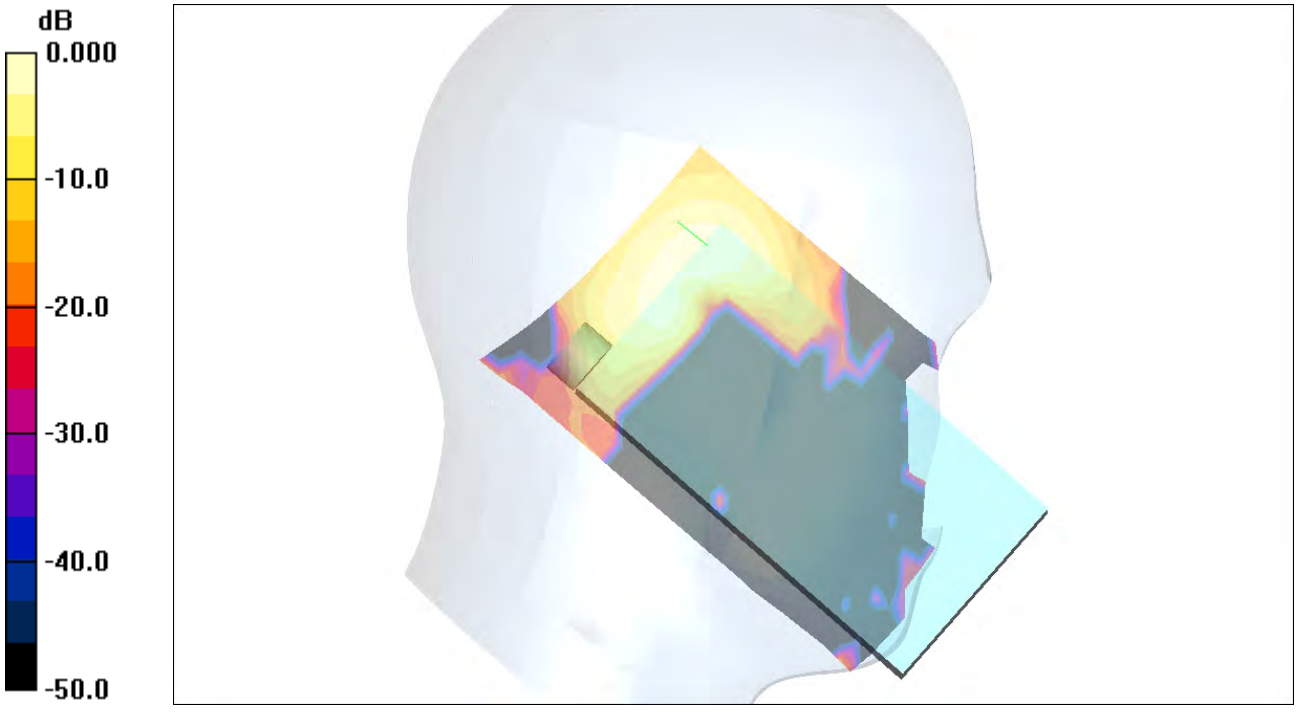
#200 WLAN5G_ 802.11a_Left Tilted_Ch161_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used : f = 5805 MHz; σ = 5.37 mho/m; ε_r = 34.2; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.77 V/m; Power Drift = 0.146 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.211 mW/g
Total Absorbed Power = 0.00774432 W
Maximum value of SAR (measured) = 0.689 mW/g



0 dB = 0.689mW/g

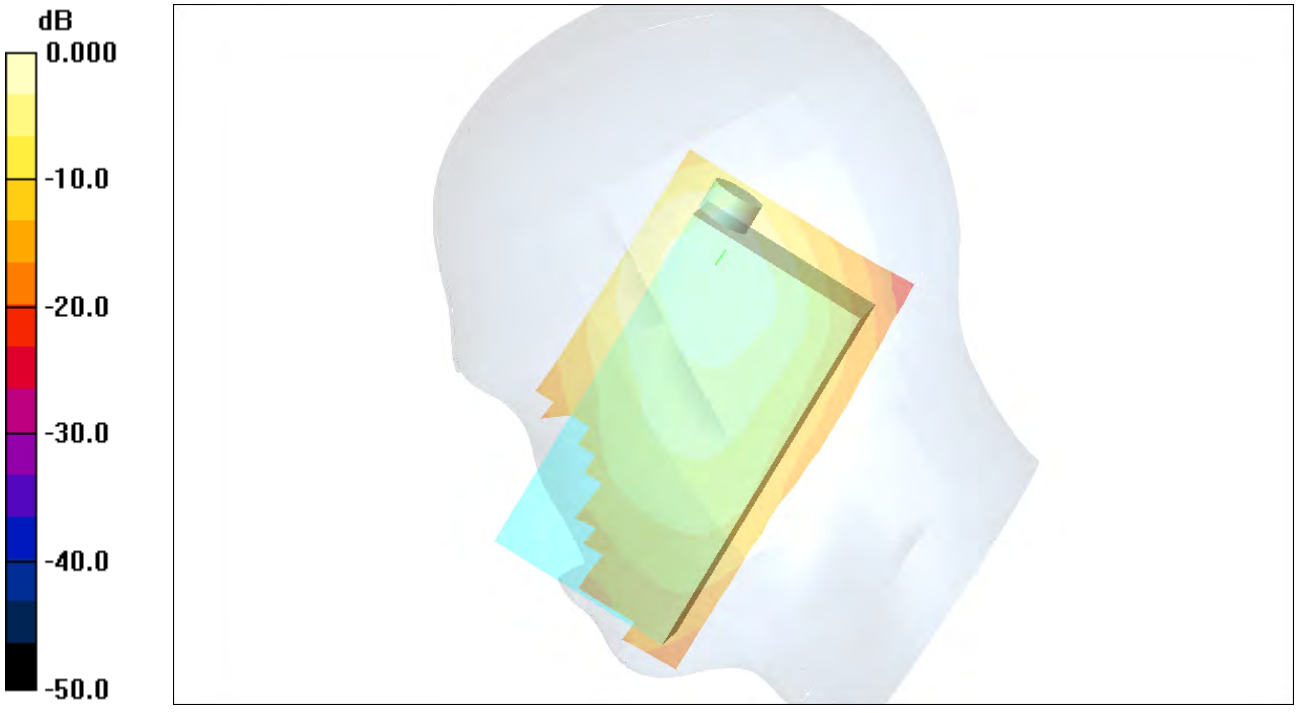
#201 GSM850_Right Tilted_Ch251_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.1 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 0.989 mW/g; SAR(10 g) = 0.614 mW/g
Total Absorbed Power = 0.0727107 W
Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04mW/g

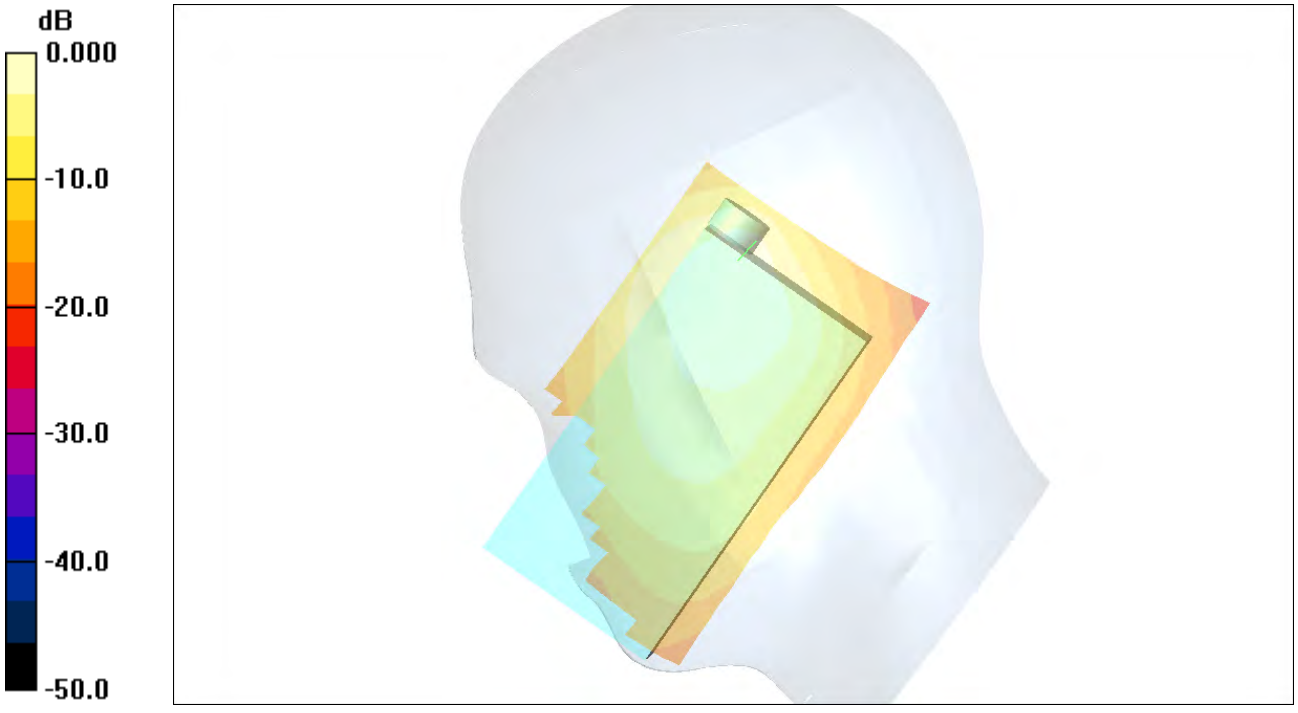
#202 GSM850_Right Tilted_Ch128_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 824.2 MHz; σ = 0.884 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.9 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.608 mW/g
Total Absorbed Power = 0.0769089 W
Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01mW/g

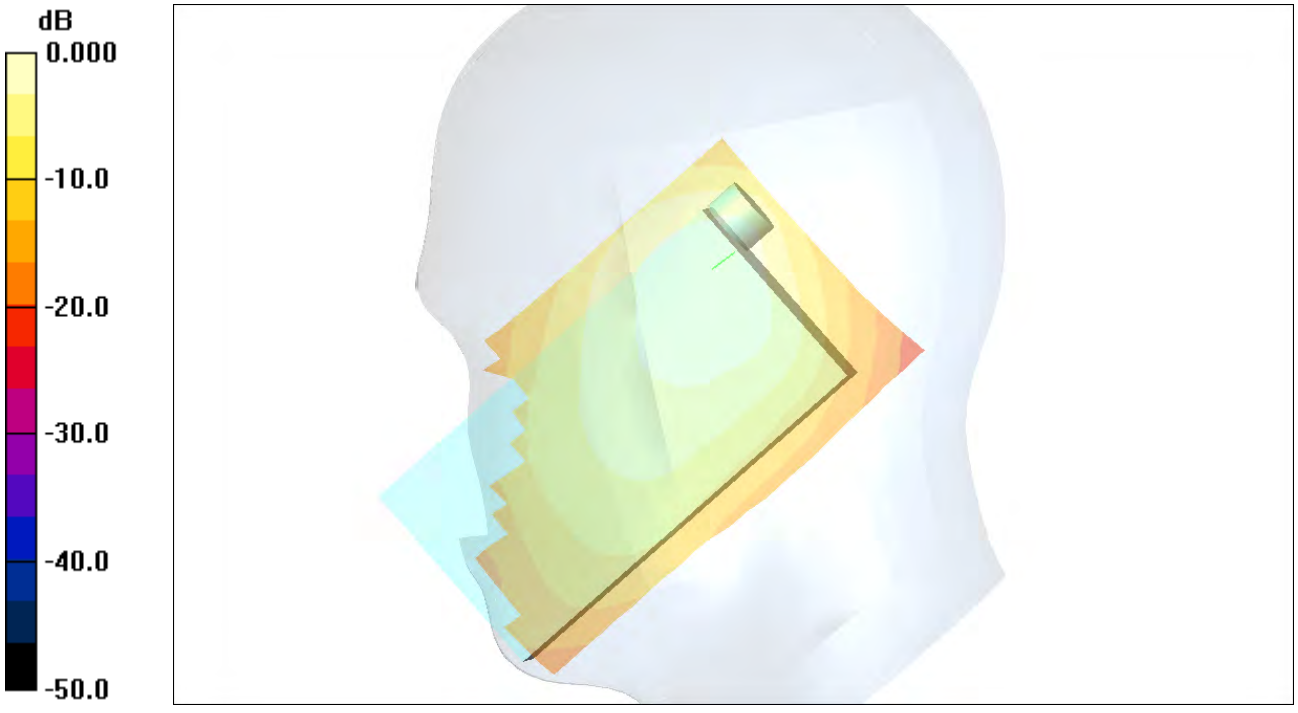
#203 GSM850_Right Tilted_Ch189_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used : f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.7; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.5 V/m; Power Drift = 0.074 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.637 mW/g
Total Absorbed Power = 0.0783243 W
Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.06mW/g

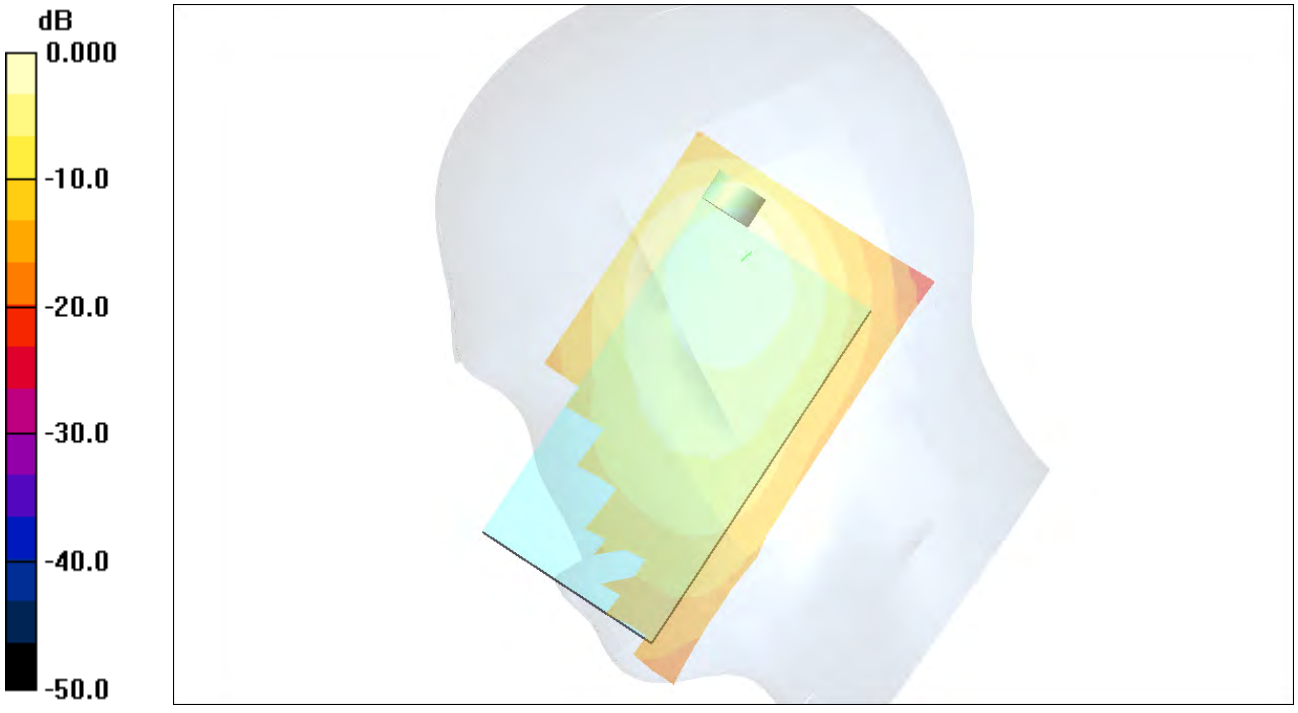
#219 WCDMA V_Right Tilted_Ch4182_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_120702 Medium parameters used: f = 836.4 MHz; σ = 0.929 mho/m; ε_r = 43; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.7 V/m; Power Drift = -0.147 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.999 mW/g; SAR(10 g) = 0.652 mW/g
Total Absorbed Power = 0.0821015 W
Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.05mW/g

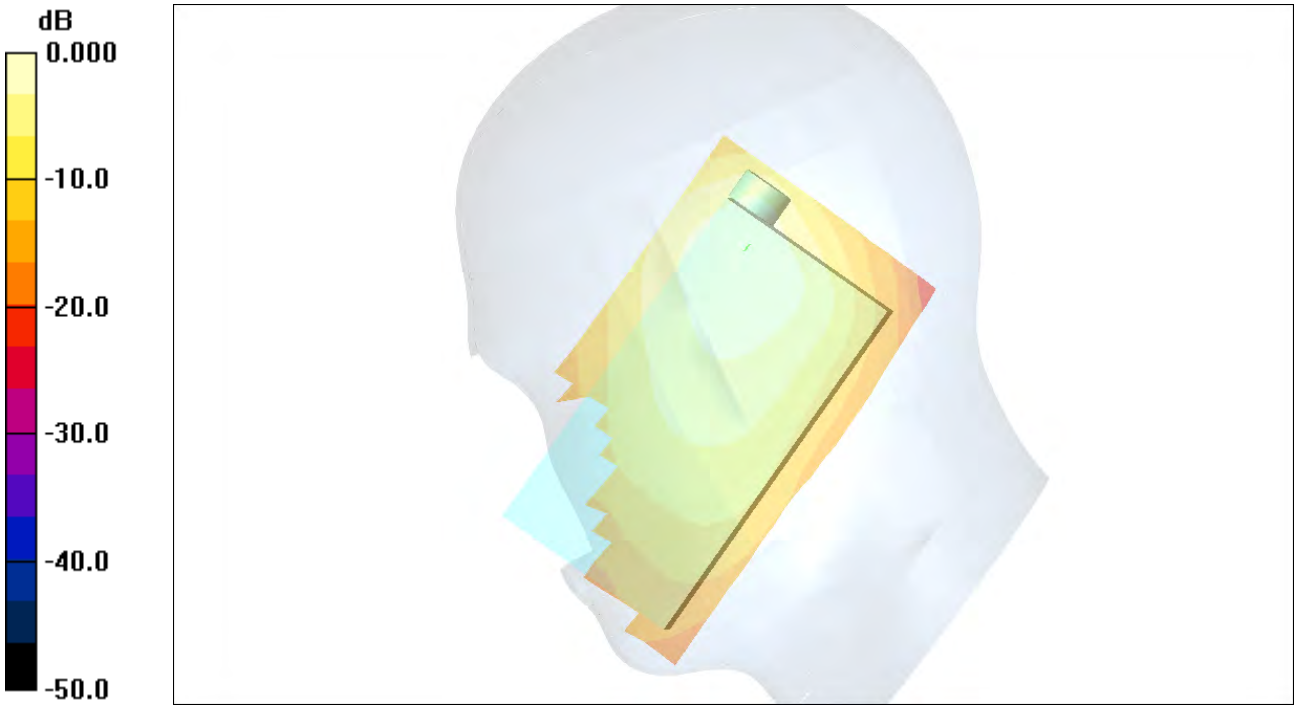
#205 WCDMA V_RMC12.2K_Right Tilted_Ch4132_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 826.4 MHz; σ = 0.887 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.8 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.648 mW/g
Total Absorbed Power = 0.0797368 W
Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

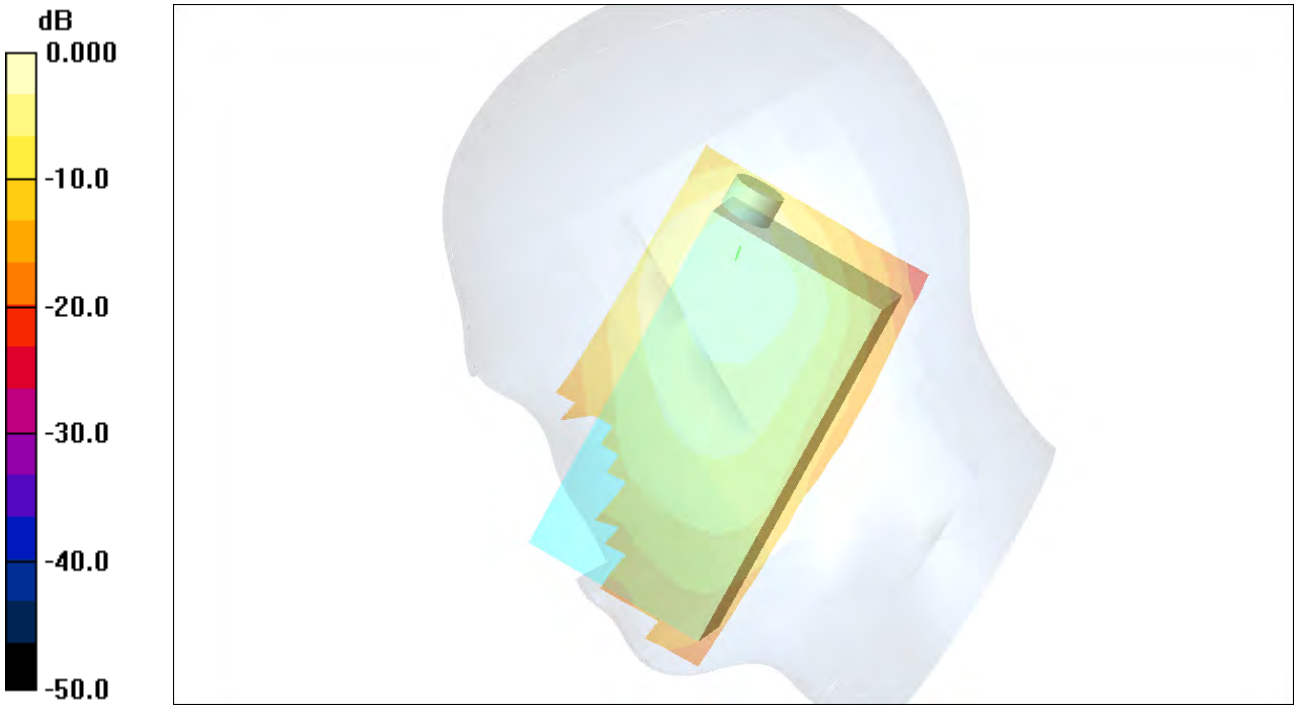
#206 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 847 MHz; σ = 0.907 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.8 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.654 mW/g
Total Absorbed Power = 0.0795877 W
Maximum value of SAR (measured) = 1.12 mW/g



0 dB = 1.12mW/g

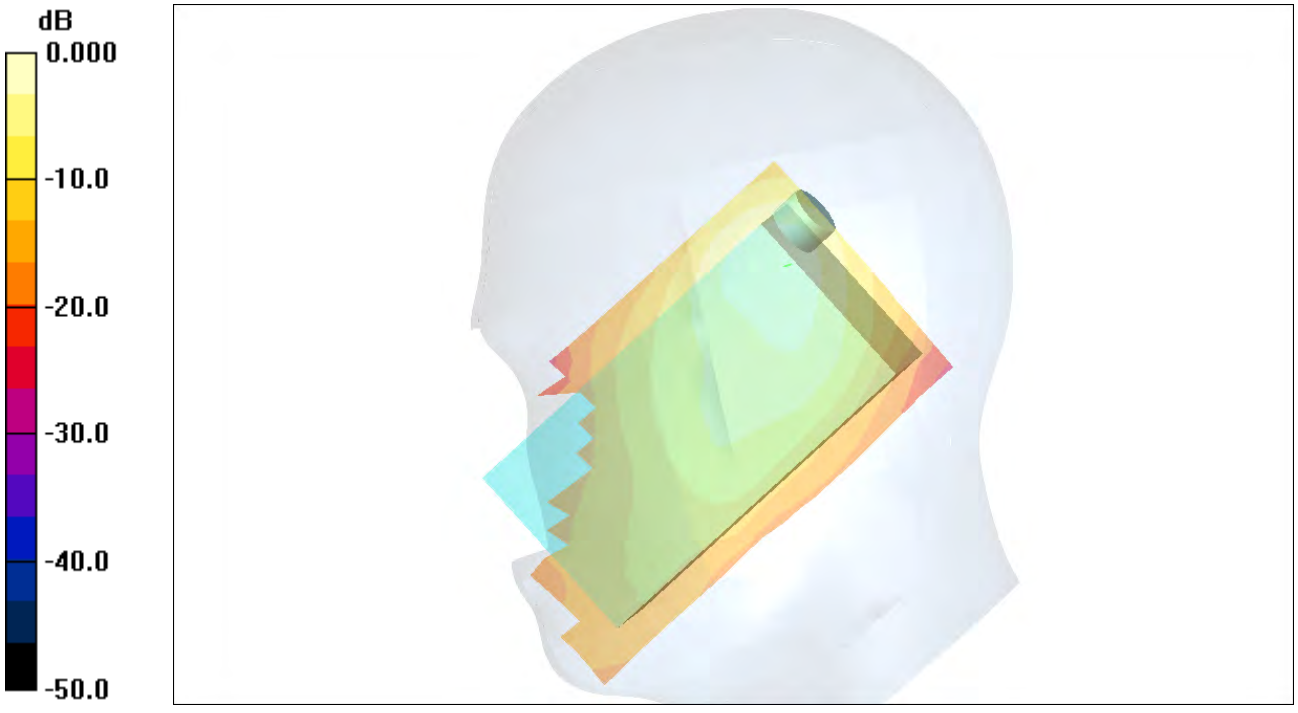
#207 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 38.6; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.6 V/m; Power Drift = 0.077 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.669 mW/g
Total Absorbed Power = 0.0525233 W
Maximum value of SAR (measured) = 1.20 mW/g



0 dB = 1.20mW/g

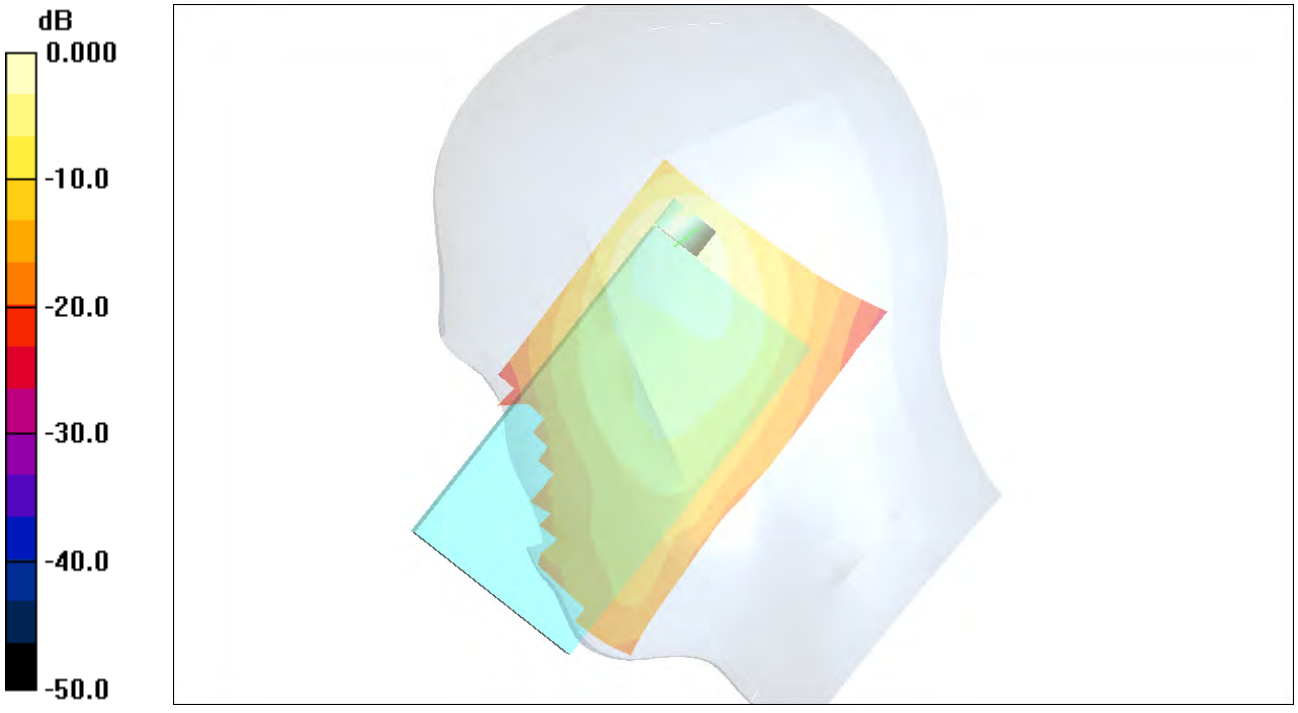
#208 WCDMA II_RMC12.2K_Right Tilted_Ch9262_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1852.4 MHz; σ = 1.4 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.4 V/m; Power Drift = 0.138 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.596 mW/g
Total Absorbed Power = 0.0473903 W
Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

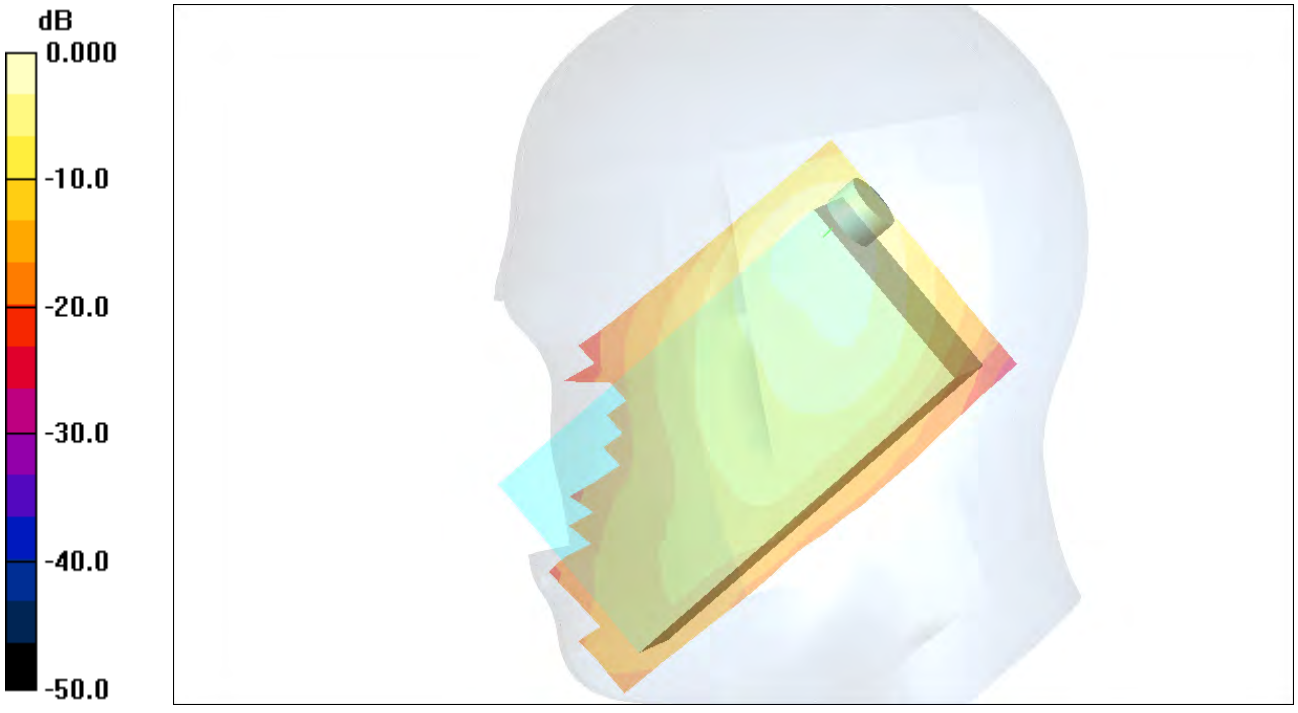
#209 WCDMA II_RMC12.2K_Right Tilted_Ch9538_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1908 MHz; σ = 1.46 mho/m; ε_r = 38.3; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.4 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 2.12 W/kg
SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.691 mW/g
Total Absorbed Power = 0.0529114 W
Maximum value of SAR (measured) = 1.29 mW/g



0 dB = 1.29mW/g

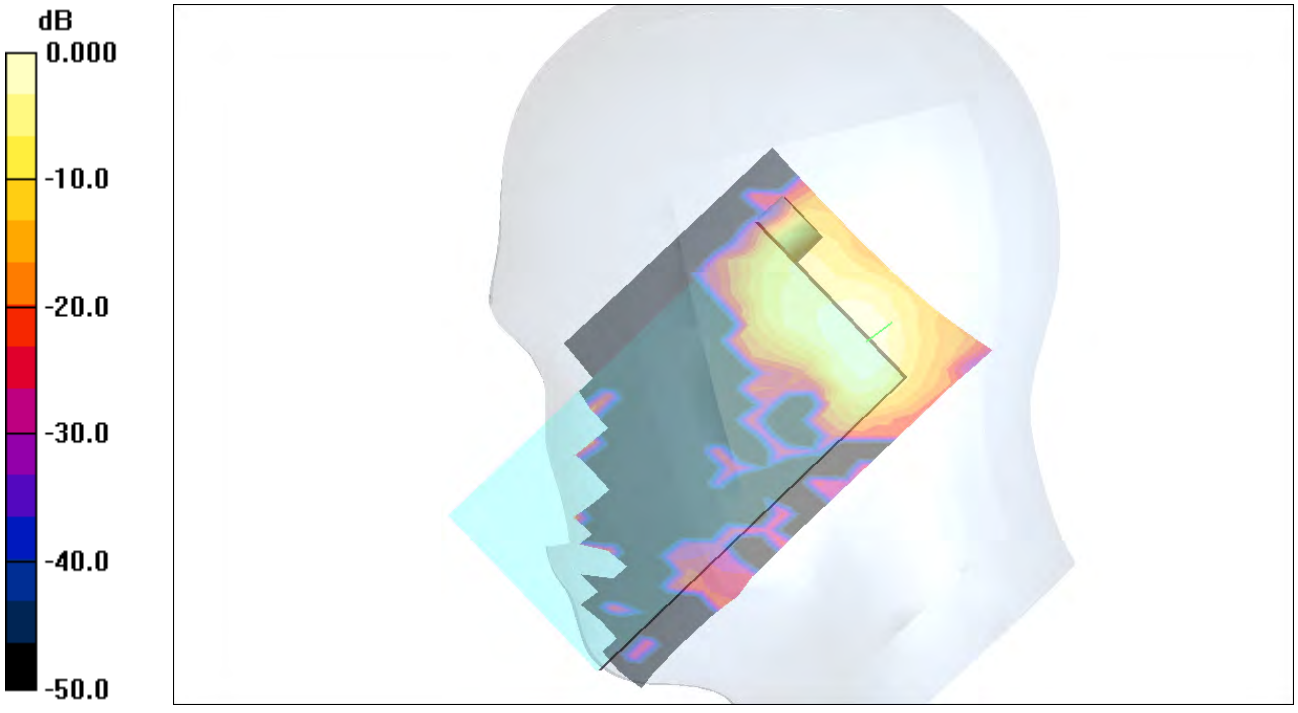
#210 WLAN5G_ 802.11a_Right Tilted_Ch44_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used : f = 5220 MHz; σ = 4.8 mho/m; ε_r = 35.3; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch44/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.88 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.904 W/kg
SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.161 mW/g
Total Absorbed Power = 0.00411683 W
Maximum value of SAR (measured) = 0.464 mW/g



0 dB = 0.464mW/g

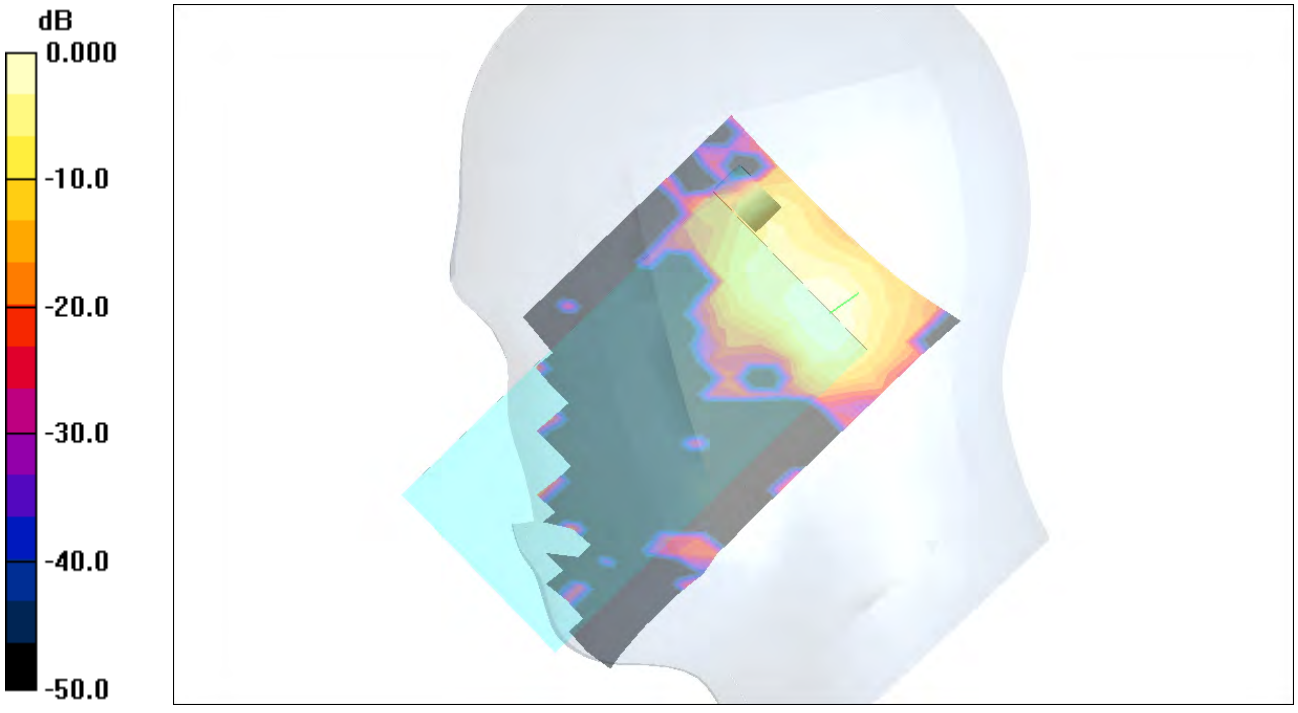
#211 WLAN5G_ 802.11a_Right Tilted_Ch36_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used : f = 5180 MHz; σ = 4.75 mho/m; ε_r = 35.4; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch36/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.39 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 0.751 W/kg
SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.135 mW/g
Total Absorbed Power = 0.00324763 W
Maximum value of SAR (measured) = 0.409 mW/g



0 dB = 0.409mW/g

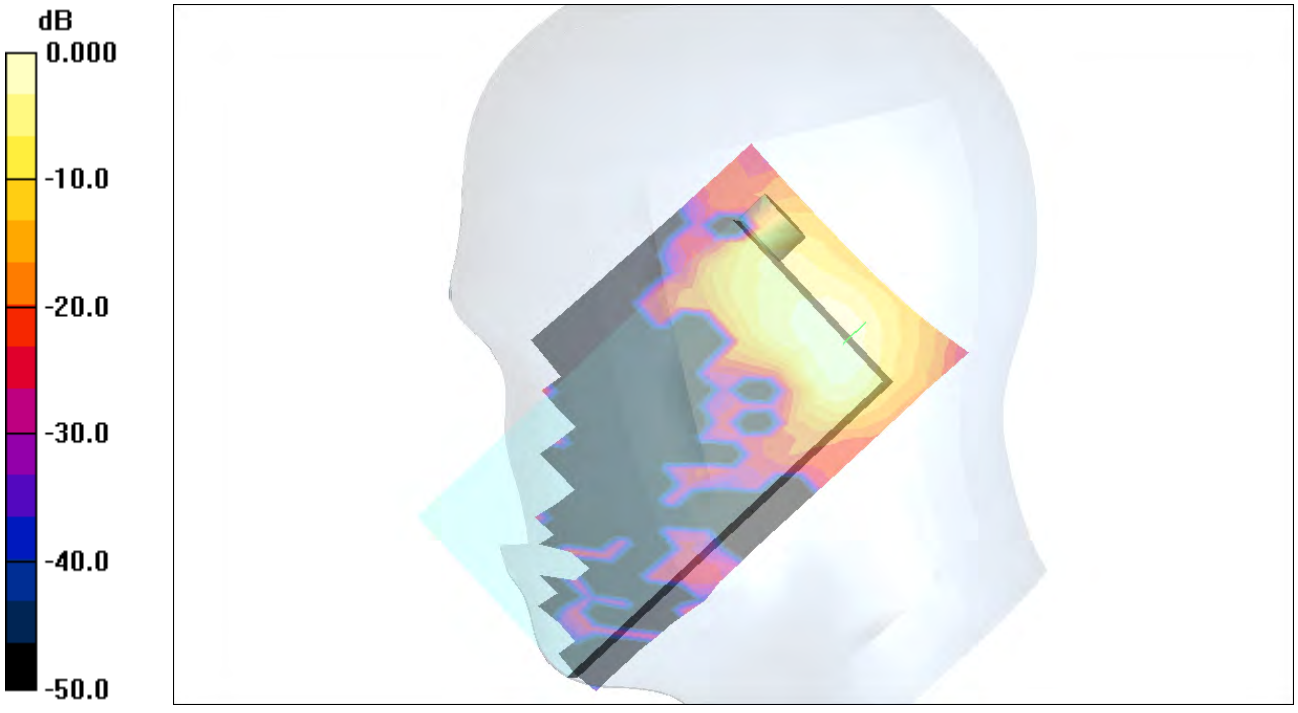
#212 WLAN5G_ 802.11a_Right Tilted_Ch52_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used : f = 5260 MHz; σ = 4.84 mho/m; ε_r = 35.2; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.21 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.253 mW/g
Total Absorbed Power = 0.0066948 W
Maximum value of SAR (measured) = 0.703 mW/g



0 dB = 0.703mW/g

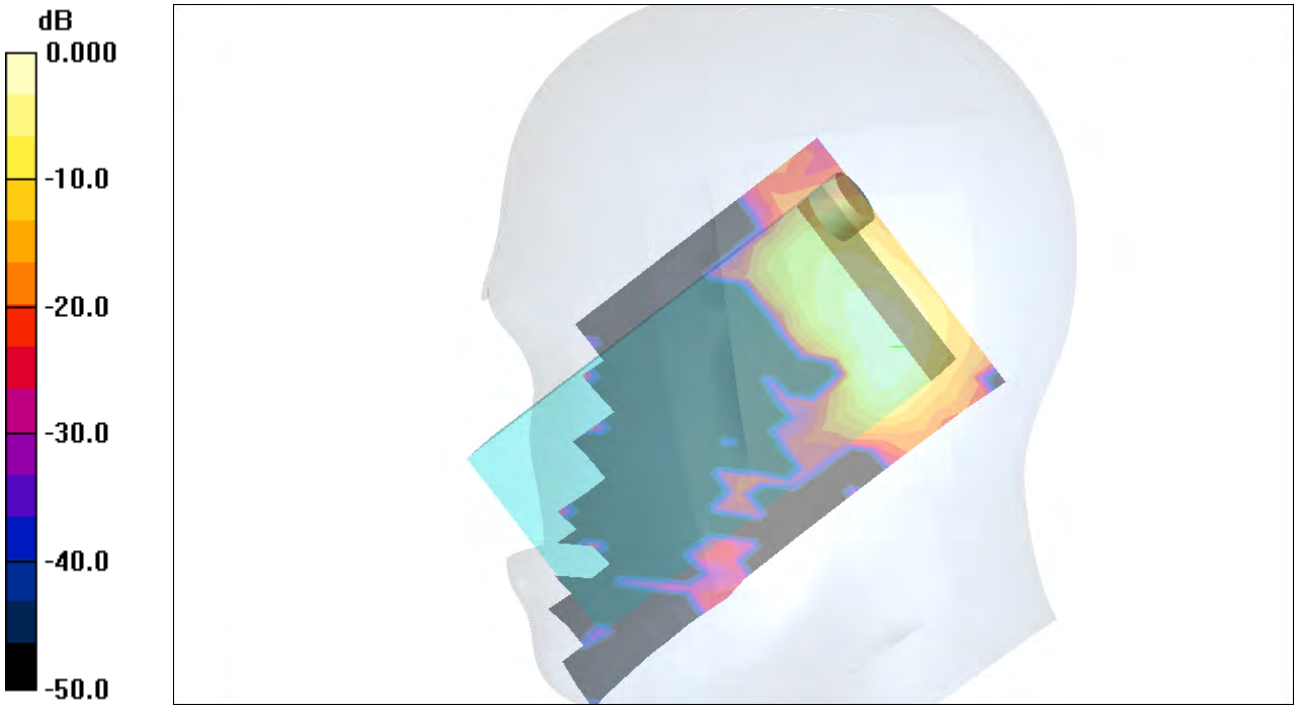
#213 WLAN5G_ 802.11a_Right Tilted_Ch64_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5320 MHz; σ = 4.9 mho/m; ε_r = 35.1; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch64/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.38 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.232 mW/g
Total Absorbed Power = 0.00611612 W
Maximum value of SAR (measured) = 0.651 mW/g



0 dB = 0.651mW/g

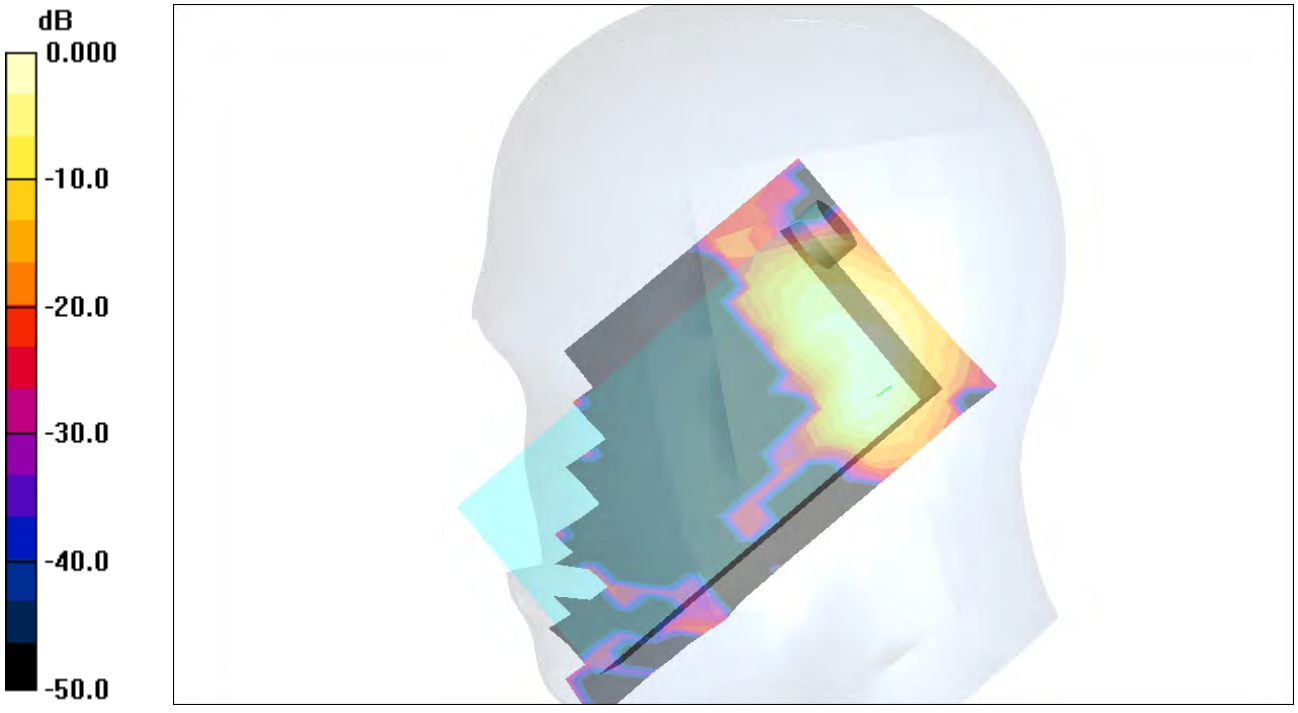
#214 WLAN5G_ 802.11a_Right Tilted_Ch140_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5700 MHz; σ = 5.28 mho/m; ε_r = 34.4; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch140/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.91 V/m; Power Drift = -0.180 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.629 mW/g; SAR(10 g) = 0.216 mW/g
Total Absorbed Power = 0.00556165 W
Maximum value of SAR (measured) = 0.686 mW/g



0 dB = 0.686mW/g

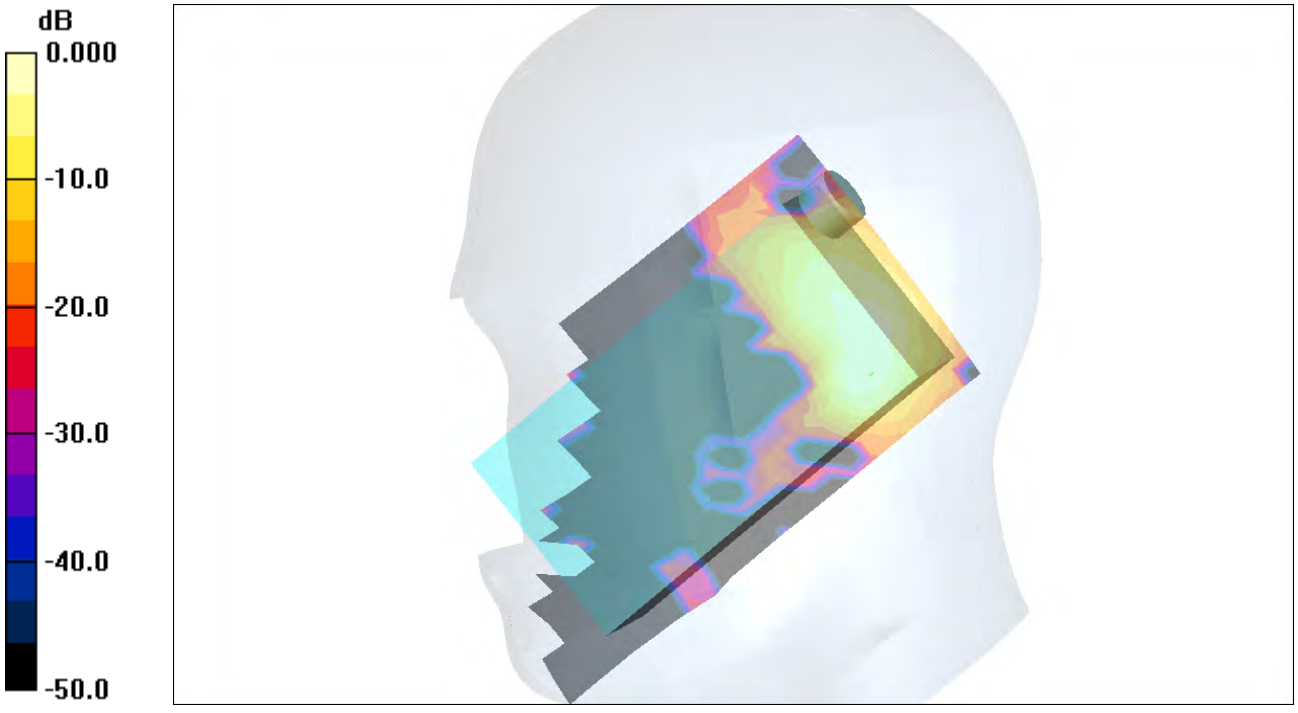
#215 WLAN5G_ 802.11a_Right Tilted_Ch104_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5520 MHz;Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5520 MHz; σ = 5.1 mho/m; ε_r = 34.8; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch104/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.20 V/m; Power Drift = -0.165 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.252 mW/g
Total Absorbed Power = 0.00681874 W
Maximum value of SAR (measured) = 0.737 mW/g



0 dB = 0.737mW/g

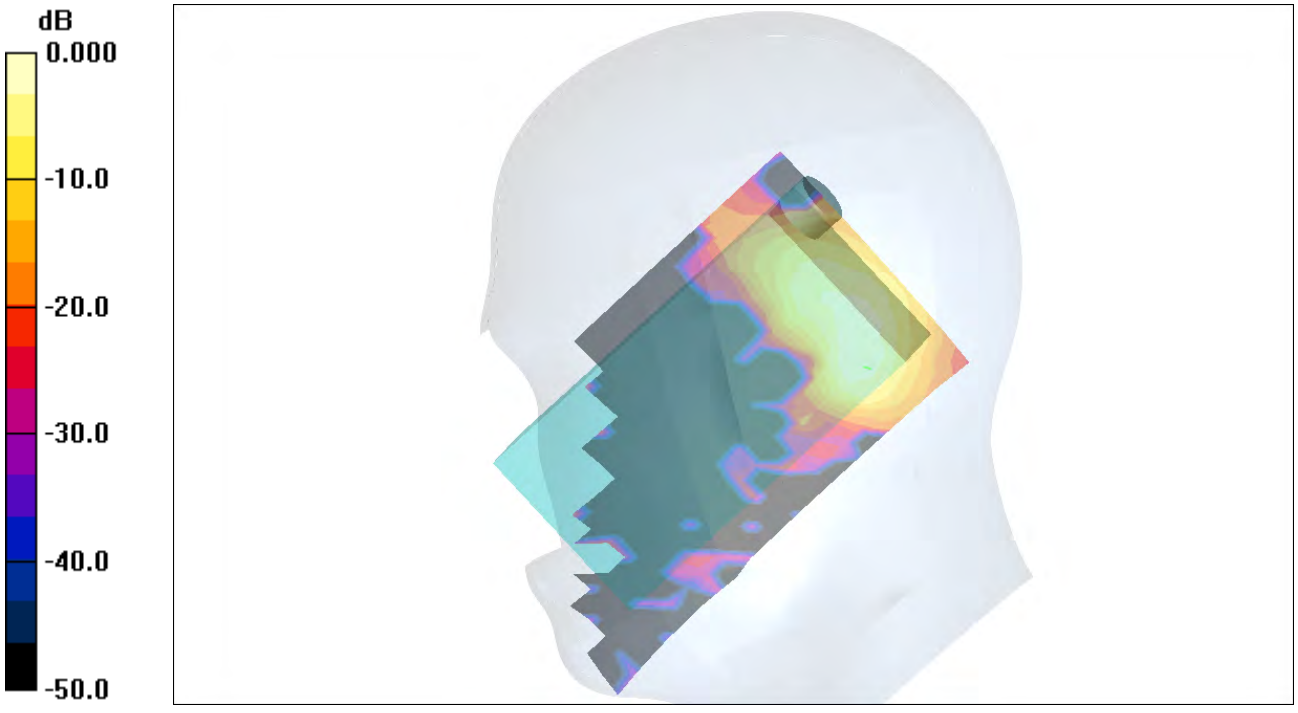
#216 WLAN5G_ 802.11a_Right Tilted_Ch116_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5580 MHz; σ = 5.16 mho/m; ε_r = 34.7; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch116/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.87 V/m; Power Drift = 0.070 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.292 mW/g
Total Absorbed Power = 0.00762479 W
Maximum value of SAR (measured) = 0.863 mW/g



0 dB = 0.863mW/g

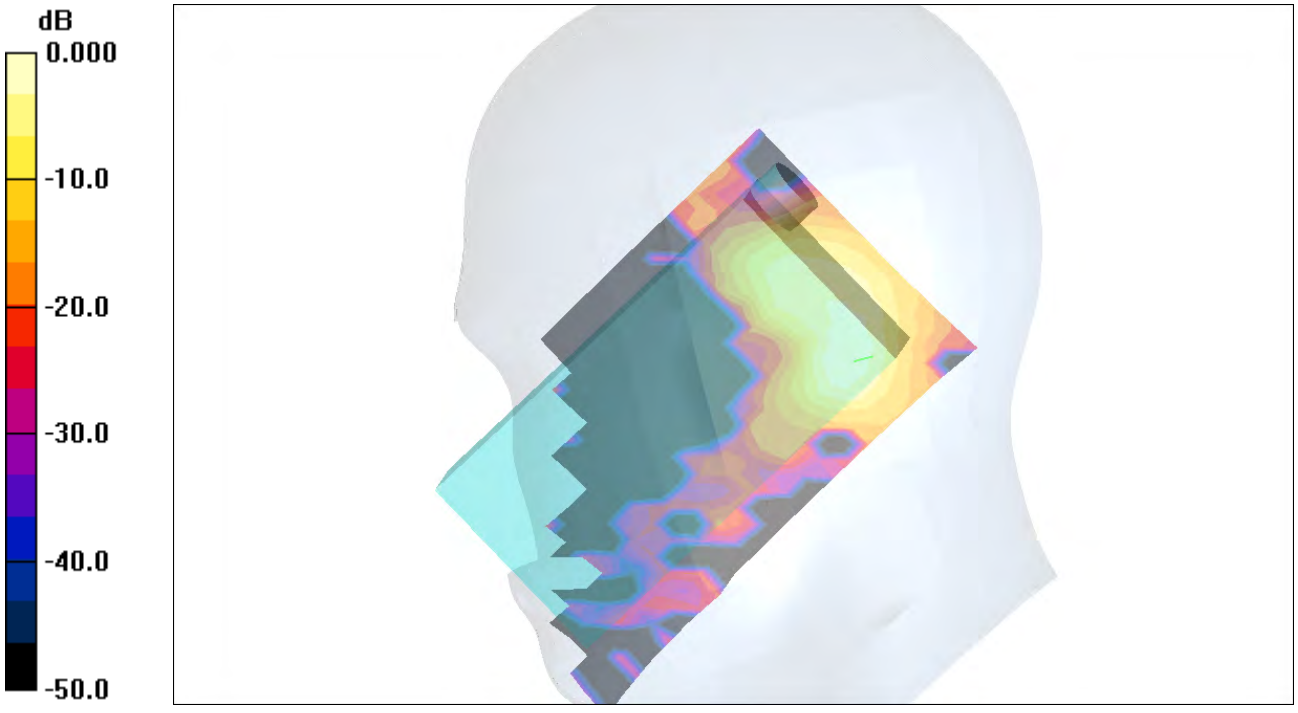
#217 WLAN5G_ 802.11a_Right Tilted_Ch161_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5805 MHz; σ = 5.37 mho/m; ε_r = 34.2; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.12 V/m; Power Drift = -0.398 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.298 mW/g
Total Absorbed Power = 0.00809175 W
Maximum value of SAR (measured) = 0.964 mW/g



0 dB = 0.964mW/g

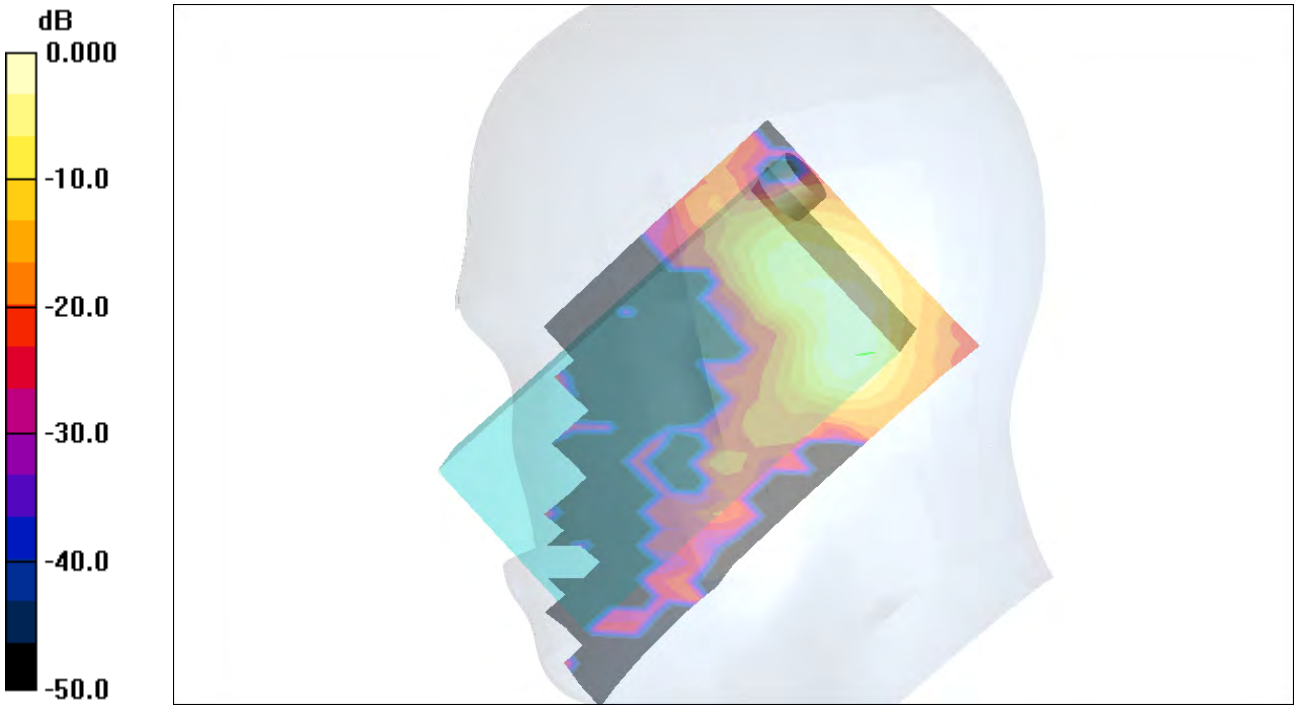
#218 WLAN5G_ 802.11a_Right Tilted_Ch149_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5745 MHz; σ = 5.34 mho/m; ε_r = 34.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch149/Volume Scan (14x23x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.44 V/m; Power Drift = -0.145 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.303 mW/g
Total Absorbed Power = 0.00836011 W
Maximum value of SAR (measured) = 0.899 mW/g



0 dB = 0.899mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#190 GSM850_Right Cheek_Ch251_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.489; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#194 WLAN5G_ 802.11a_Right Cheek_Ch140_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5700 MHz; σ = 5.282 mho/m; ε_r = 34.424; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.767 mW/g
Maximum value of SAR (interpolated) = 2.15 mW/g

0 dB = 2.15 mW/g = 6.65 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#190 GSM850_Right Cheek_Ch251_Keypad1_Camera1_Volume

DUT: 221518-01
Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3; PMF: 2.88097
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.489; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#195 WLAN5G_ 802.11a_Right Cheek_Ch161_Keypad1_Camera1_Volume

DUT: 221518-01
Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used (interpolated): f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.749 mW/g
Maximum value of SAR (interpolated) = 2.07 mW/g

0 dB = 2.07 mW/g = 6.32 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#191 WCDMA V_RMC12.2K_Right Cheek_Ch4182_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.652; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#194 WLAN5G_ 802.11a_Right Cheek_Ch140_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5700 MHz; σ = 5.282 mho/m; ε_r = 34.424; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.901 mW/g
Maximum value of SAR (interpolated) = 2.41 mW/g

0 dB = 2.41 mW/g = 7.64 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#191 WCDMA V_RMC12.2K_Right Cheek_Ch4182_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_850_120630 Medium parameters used : f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.652; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#195 WLAN5G_ 802.11a_Right Cheek_Ch161_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used : f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.898 mW/g
Maximum value of SAR (interpolated) = 2.39 mW/g

0 dB = 2.39 mW/g = 7.57 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#191 WCDMA V_RMC12.2K_Right Cheek_Ch4182_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_850_120630 Medium parameters used: f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.652; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

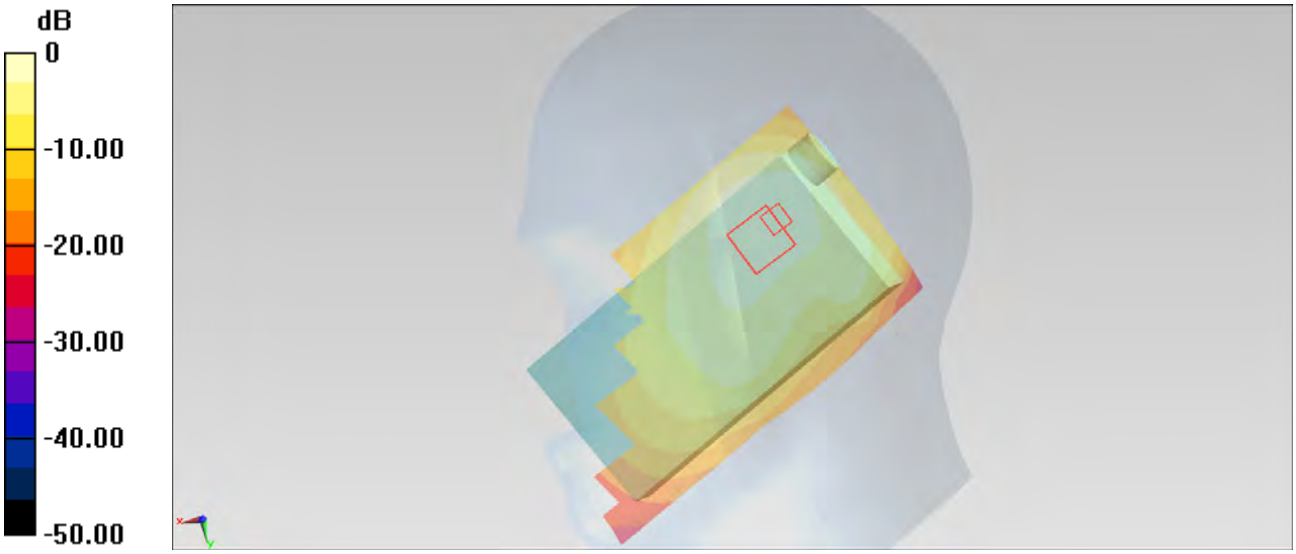
#221 WLAN5G_ 802.11a_Right Cheek_Ch52_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5260 MHz; σ = 4.842 mho/m; ε_r = 35.242; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.898 mW/g
Maximum value of SAR (interpolated) = 2.38 mW/g



0 dB = 2.38 mW/g = 7.53 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#192 WCDMA II_RMC12.2K_Right Cheek_Ch9400_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120702 Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; ε_r = 38.603; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#195 WLAN5G_ 802.11a_Right Cheek_Ch161_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used : f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.706 mW/g
Maximum value of SAR (interpolated) = 2.27 mW/g

0 dB = 2.27 mW/g = 7.12 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#201 GSM850_Right Tilted_Ch251_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3; PMF: 2.88097
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.489; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

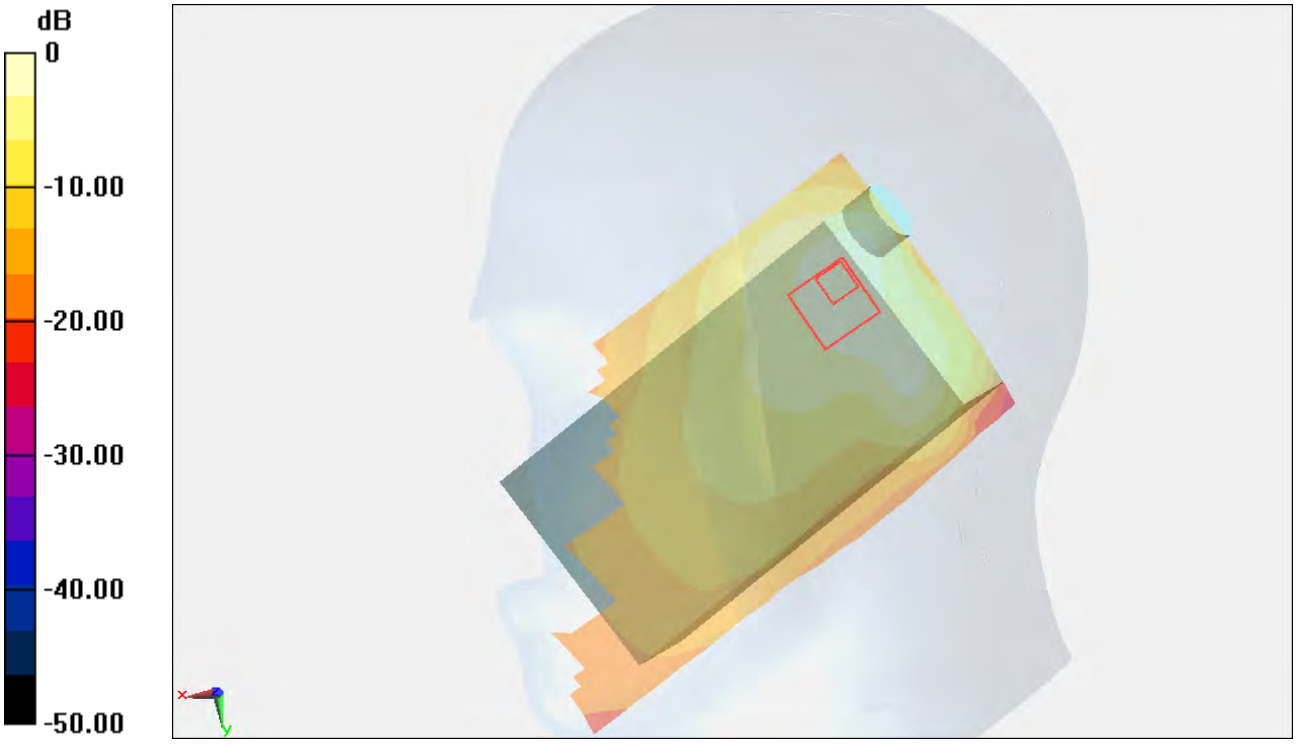
#212 WLAN5G_ 802.11a_Right Tilted_Ch52_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5260 MHz; σ = 4.842 mho/m; ε_r = 35.242; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.710 mW/g
Maximum value of SAR (interpolated) = 2.51 mW/g



0 dB = 2.51 mW/g = 7.99 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#201 GSM850_Right Tilted_Ch251_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.489; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

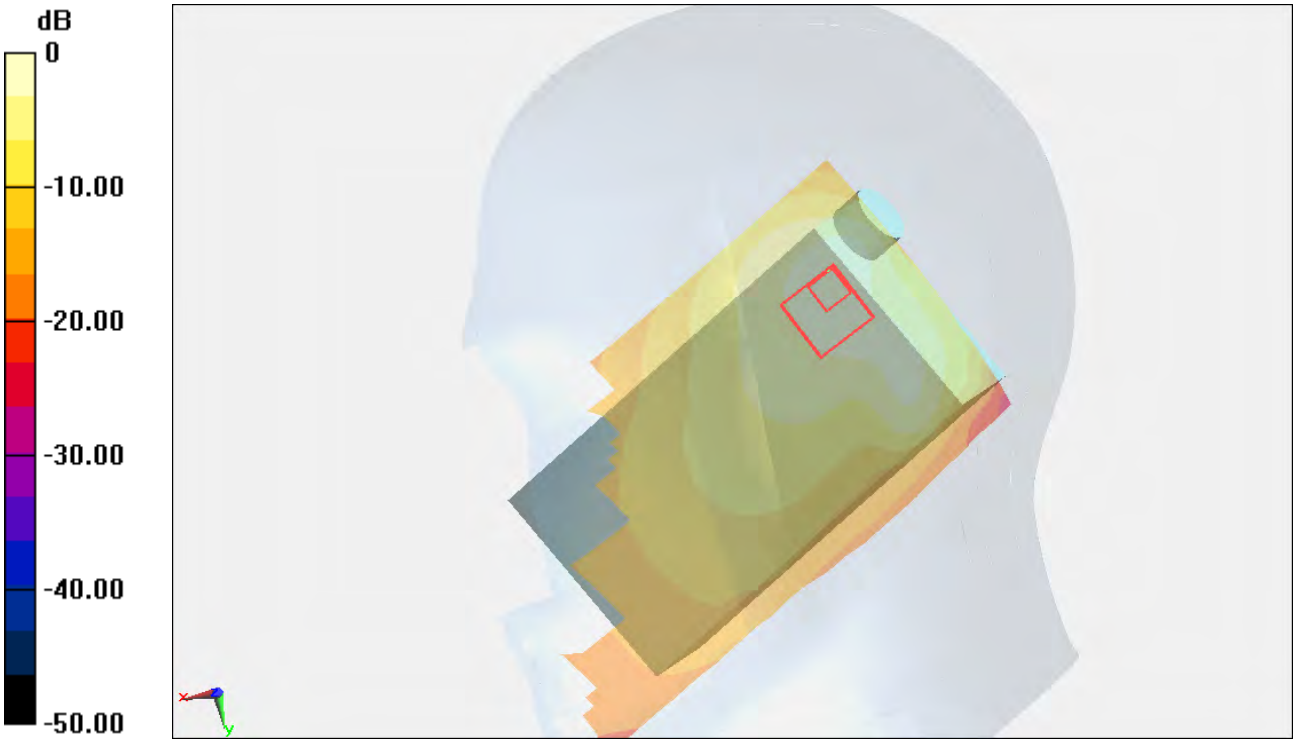
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#213 WLAN5G_ 802.11a_Right Tilted_Ch64_Keypad1_Camera2_Volume
DUT: 221518-01
Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used : f = 5320 MHz; σ = 4.896 mho/m; ε_r = 35.115; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.704 mW/g
Maximum value of SAR (interpolated) = 2.44 mW/g



0 dB = 2.44 mW/g = 7.75 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#201 GSM850_Right Tilted_Ch251_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.489; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

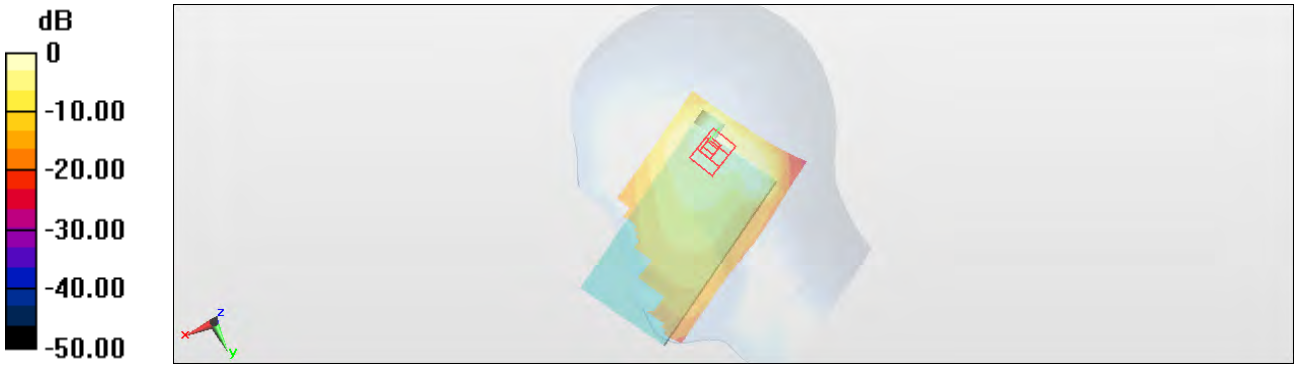
#214 WLAN5G_ 802.11a_Right Tilted_Ch140_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5700 MHz; σ = 5.282 mho/m; ε_r = 34.424; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.705 mW/g
Maximum value of SAR (interpolated) = 2.32 mW/g



0 dB = 2.32 mW/g = 7.31 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#215 WLAN5G_ 802.11a_Right Tilted_Ch104_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5520 MHz; σ = 5.103 mho/m; ε_r = 34.799; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#201 GSM850_Right Tilted_Ch251_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.489; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.720 mW/g
Maximum value of SAR (interpolated) = 2.47 mW/g

0 dB = 2.47 mW/g = 7.85 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#216 WLAN5G_ 802.11a_Right Tilted_Ch116_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5580 MHz; σ = 5.159 mho/m; ε_r = 34.655; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

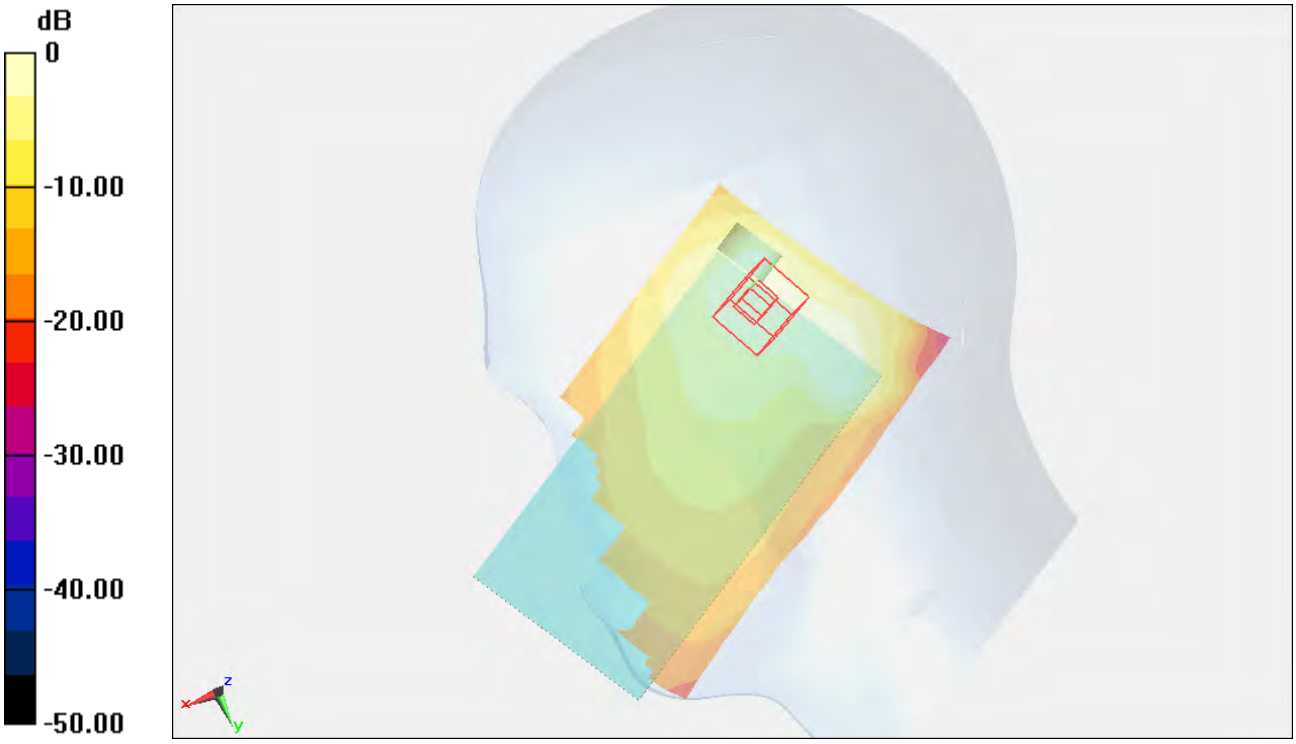
#201 GSM850_Right Tilted_Ch251_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.489; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.735 mW/g
Maximum value of SAR (interpolated) = 2.49 mW/g



0 dB = 2.49 mW/g = 7.92 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#217 WLAN5G_ 802.11a_Right Tilted_Ch161_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#201 GSM850_Right Tilted_Ch251_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.489; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.731 mW/g
Maximum value of SAR (interpolated) = 2.37 mW/g

0 dB = 2.37 mW/g = 7.49 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#218 WLAN5G_ 802.11a_Right Tilted_Ch149_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5745 MHz; σ = 5.336 mho/m; ε_r = 34.403; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

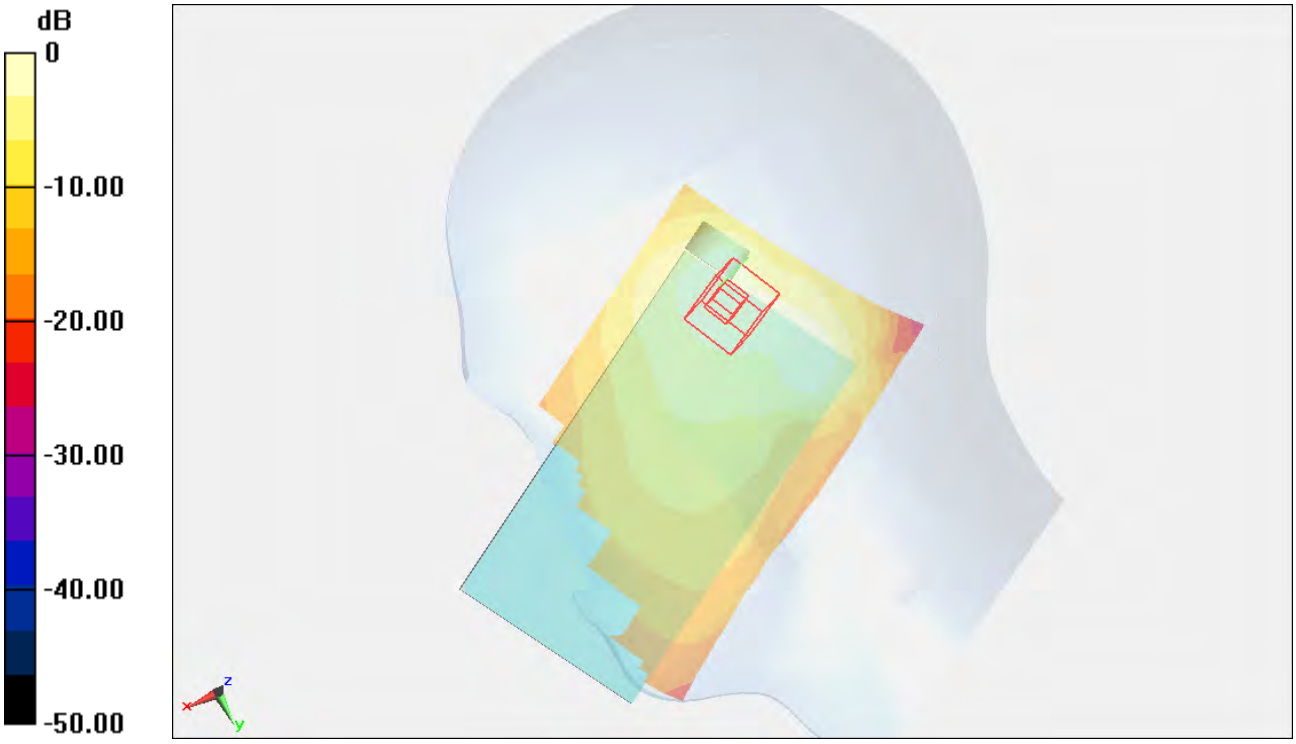
#201 GSM850_Right Tilted_Ch251_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.489; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.734 mW/g
Maximum value of SAR (interpolated) = 2.42 mW/g



0 dB = 2.42 mW/g = 7.68 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#202 GSM850_Right Tilted_Ch128_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3; PMF: 2.88097
Medium: HSL_850_120630 Medium parameters used: f = 824.2 MHz; σ = 0.884 mho/m; ε_r = 41.783; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

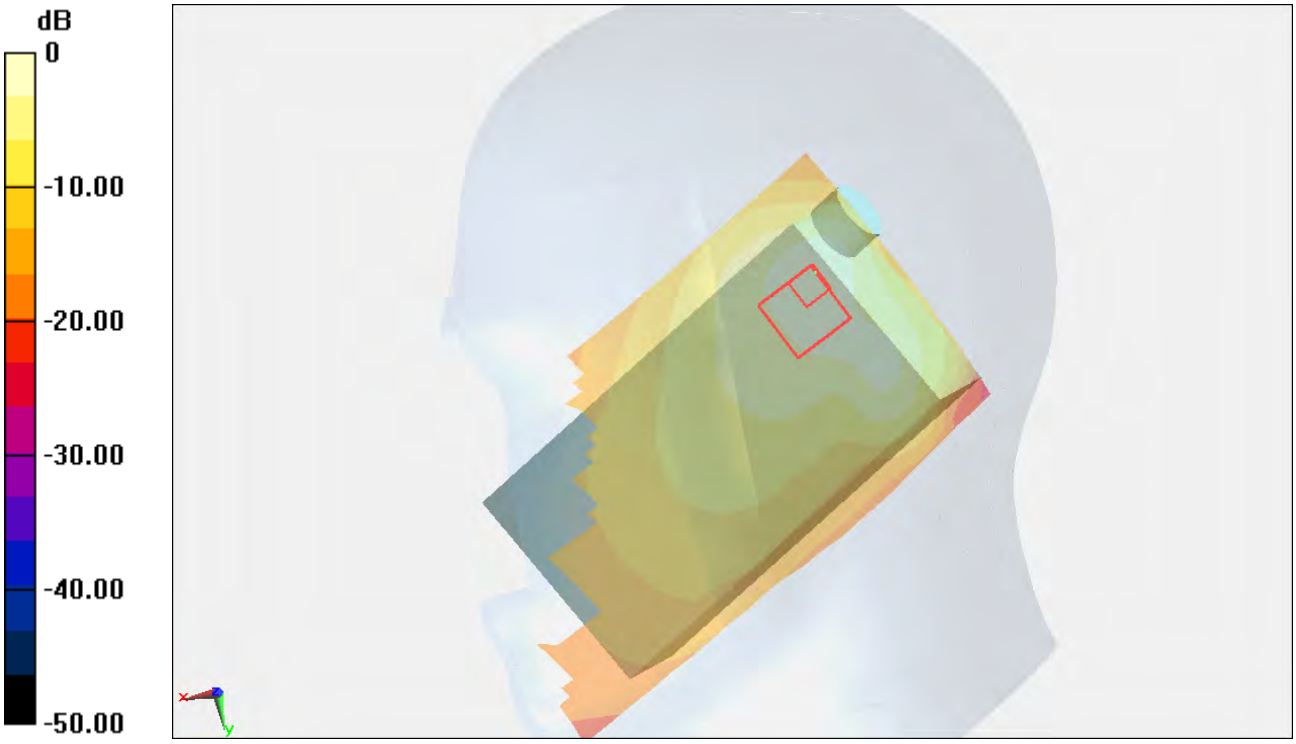
#212 WLAN5G_ 802.11a_Right Tilted_Ch52_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5260 MHz; σ = 4.842 mho/m; ε_r = 35.242; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.708 mW/g
Maximum value of SAR (interpolated) = 2.65 mW/g



0 dB = 2.65 mW/g = 8.46 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#202 GSM850_Right Tilted_Ch128_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3; PMF: 2.88097
Medium: HSL_850_120630 Medium parameters used: f = 824.2 MHz; σ = 0.884 mho/m; ε_r = 41.783; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

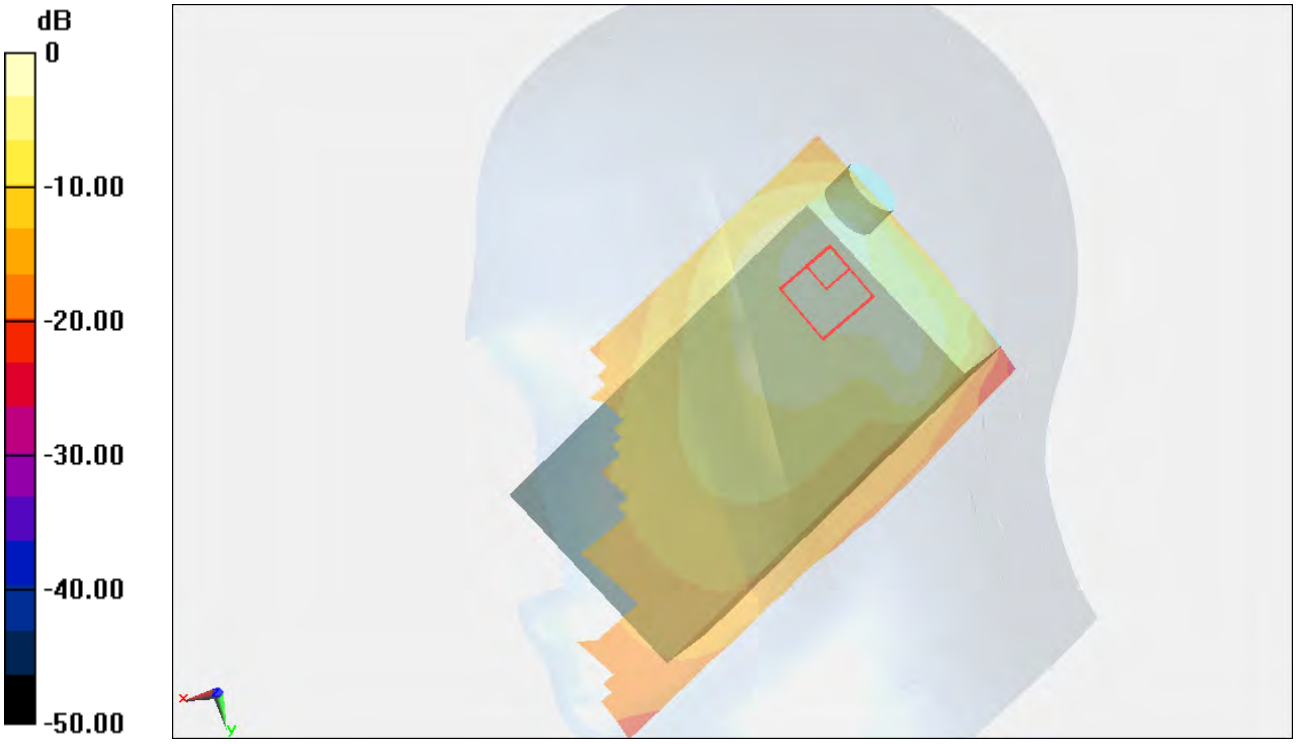
#213 WLAN5G_ 802.11a_Right Tilted_Ch64_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5320 MHz; σ = 4.896 mho/m; ε_r = 35.115; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.701 mW/g
Maximum value of SAR (interpolated) = 2.52 mW/g



0 dB = 2.52 mW/g = 8.03 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#202 GSM850_Right Tilted_Ch128_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 824.2 MHz; σ = 0.884 mho/m; ε_r = 41.783; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#214 WLAN5G_ 802.11a_Right Tilted_Ch140_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5700 MHz; σ = 5.282 mho/m; ε_r = 34.424; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.704 mW/g
Maximum value of SAR (interpolated) = 2.45 mW/g

0 dB = 2.45 mW/g = 7.78 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#215 WLAN5G_ 802.11a_Right Tilted_Ch104_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5520 MHz; σ = 5.103 mho/m; ε_r = 34.799; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#202 GSM850_Right Tilted_Ch128_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 824.2 MHz; σ = 0.884 mho/m; ε_r = 41.783; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.717 mW/g
Maximum value of SAR (interpolated) = 2.61 mW/g

0 dB = 2.61 mW/g = 8.33 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#216 WLAN5G_ 802.11a_Right Tilted_Ch116_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5580 MHz; σ = 5.159 mho/m; ε_r = 34.655; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

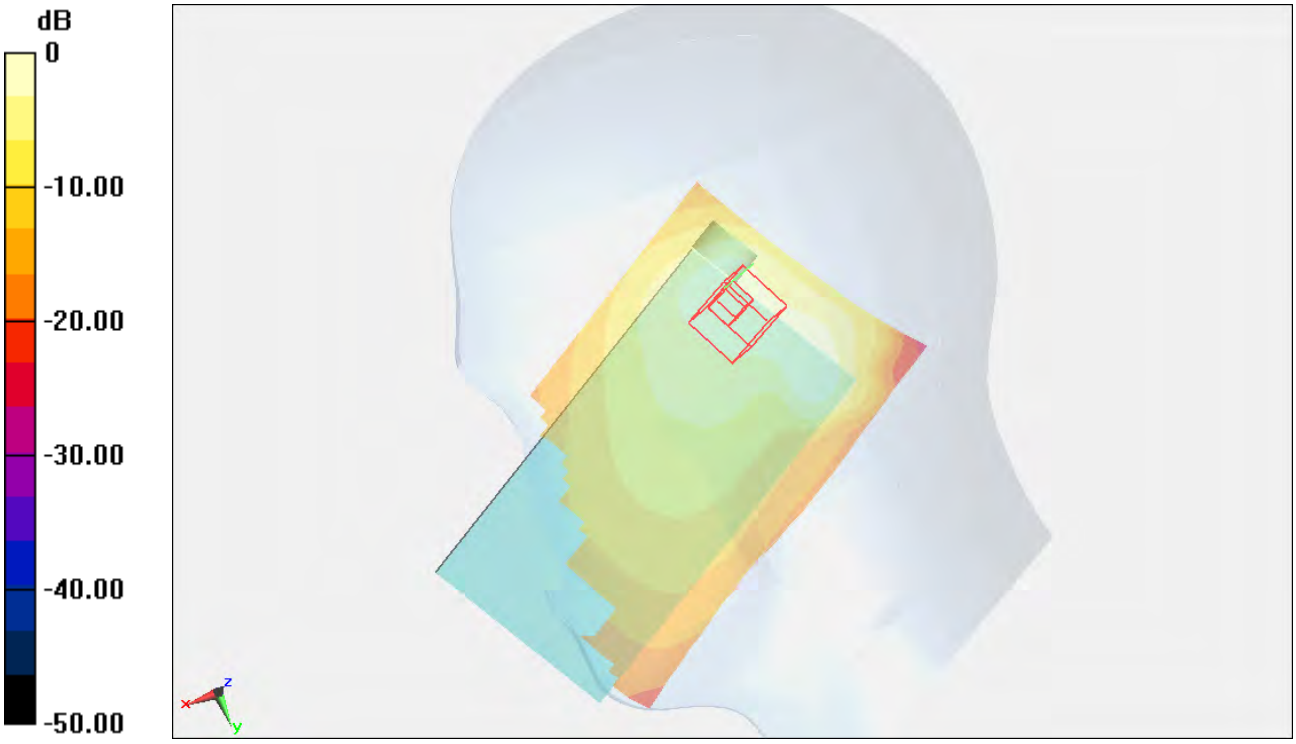
#202 GSM850_Right Tilted_Ch128_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 824.2 MHz; σ = 0.884 mho/m; ε_r = 41.783; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.732 mW/g
Maximum value of SAR (interpolated) = 2.63 mW/g



0 dB = 2.63 mW/g = 8.40 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#217 WLAN5G_ 802.11a_Right Tilted_Ch161_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#202 GSM850_Right Tilted_Ch128_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 824.2 MHz; σ = 0.884 mho/m; ε_r = 41.783; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.729 mW/g
Maximum value of SAR (interpolated) = 2.51 mW/g

0 dB = 2.51 mW/g = 7.99 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#218 WLAN5G_ 802.11a_Right Tilted_Ch149_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5745 MHz; σ = 5.336 mho/m; ε_r = 34.403; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

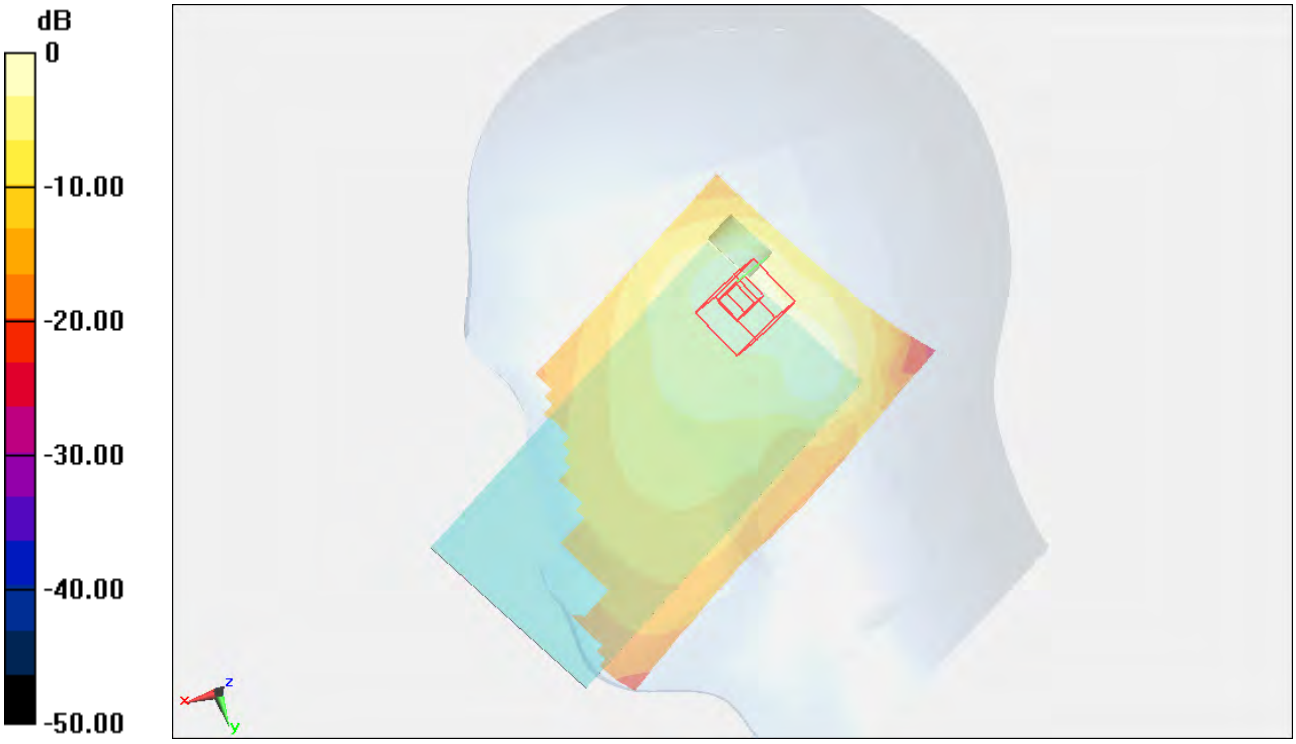
#202 GSM850_Right Tilted_Ch128_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 824.2 MHz; σ = 0.884 mho/m; ε_r = 41.783; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.730 mW/g
Maximum value of SAR (interpolated) = 2.55 mW/g



0 dB = 2.55 mW/g = 8.13 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#203 GSM850_Right Tilted_Ch189_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3; PMF: 2.88097
Medium: HSL_850_120630 Medium parameters used: f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.652; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

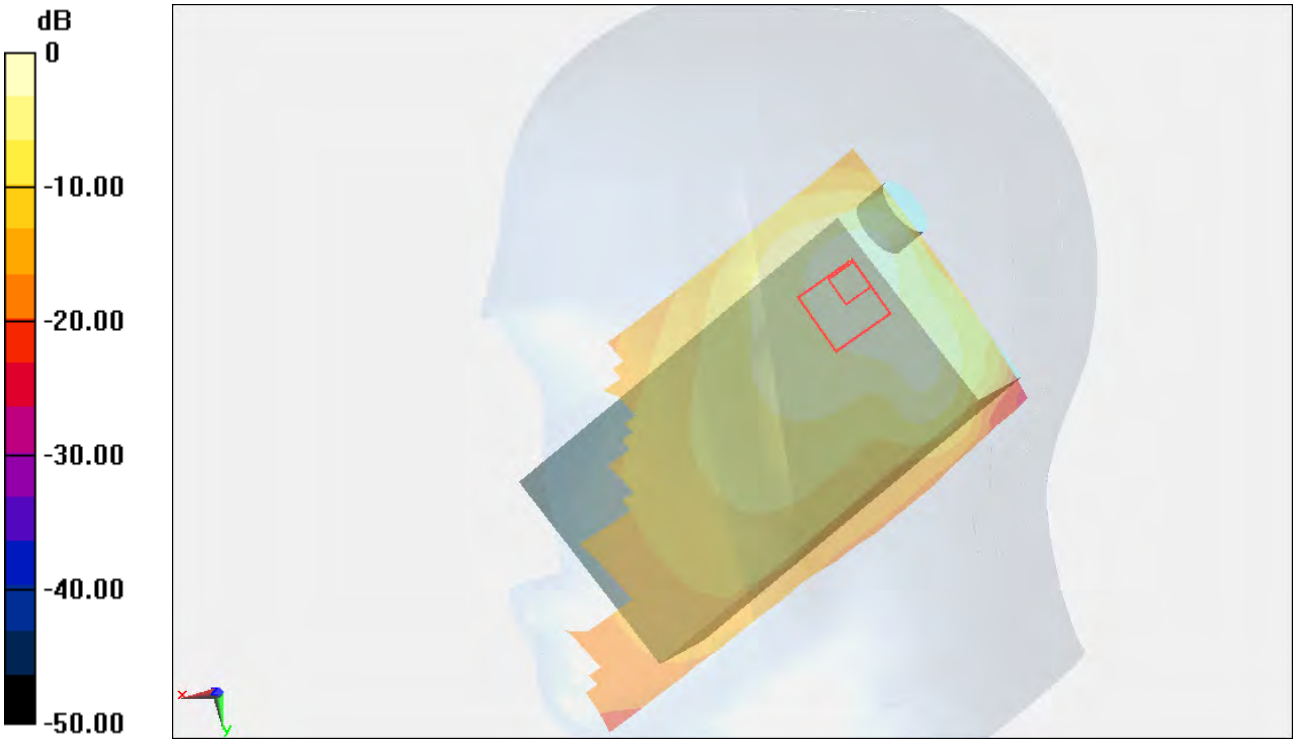
#212 WLAN5G_ 802.11a_Right Tilted_Ch52_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5260 MHz; σ = 4.842 mho/m; ε_r = 35.242; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.742 mW/g
Maximum value of SAR (interpolated) = 2.56 mW/g



0 dB = 2.56 mW/g = 8.16 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#203 GSM850_Right Tilted_Ch189_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3; PMF: 2.88097
Medium: HSL_850_120630 Medium parameters used: f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.652; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

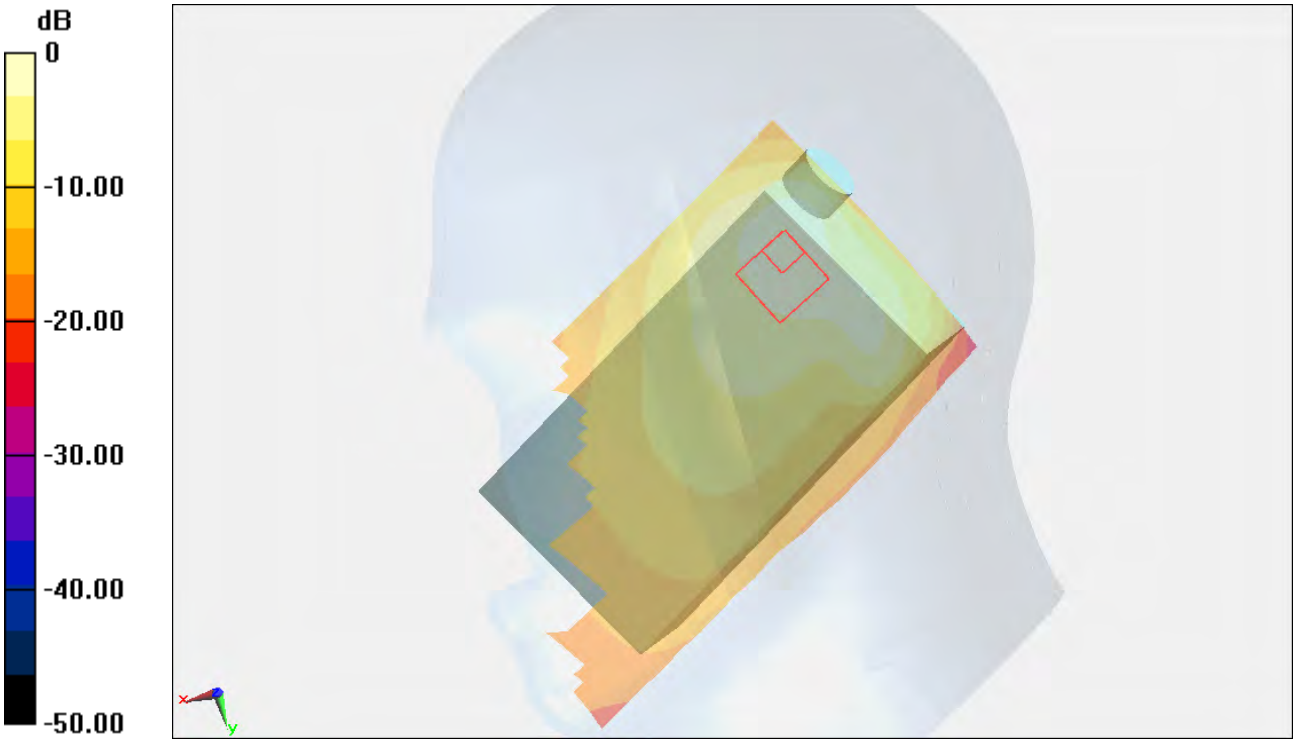
#213 WLAN5G_ 802.11a_Right Tilted_Ch64_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5320 MHz; σ = 4.896 mho/m; ε_r = 35.115; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.736 mW/g
Maximum value of SAR (interpolated) = 2.54 mW/g



0 dB = 2.54 mW/g = 8.10 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#203 GSM850_Right Tilted_Ch189_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.652; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

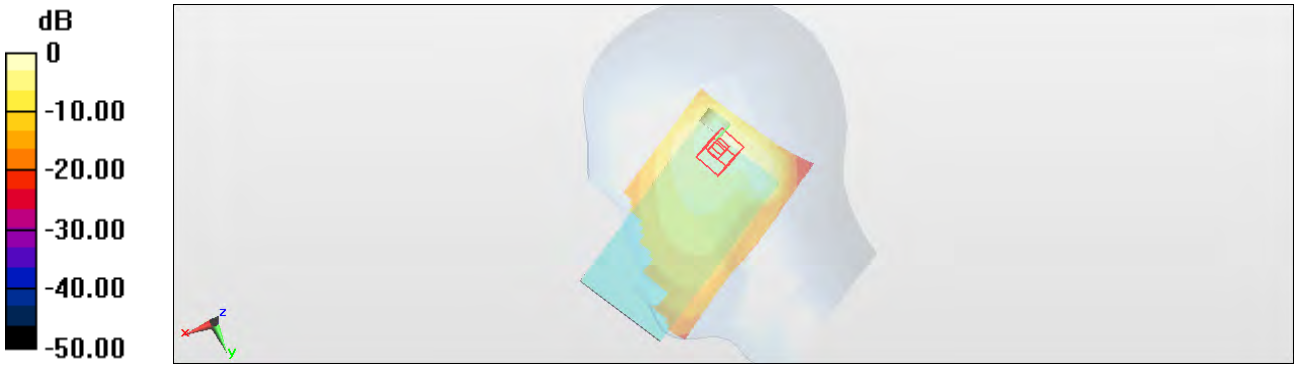
#214 WLAN5G_ 802.11a_Right Tilted_Ch140_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5700 MHz; σ = 5.282 mho/m; ε_r = 34.424; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.739 mW/g
Maximum value of SAR (interpolated) = 2.36 mW/g



0 dB = 2.36 mW/g = 7.46 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#215 WLAN5G_ 802.11a_Right Tilted_Ch104_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5520 MHz; σ = 5.103 mho/m; ε_r = 34.799; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#203 GSM850_Right Tilted_Ch189_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.652; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.751 mW/g
Maximum value of SAR (interpolated) = 2.51 mW/g

0 dB = 2.51 mW/g = 7.99 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#216 WLAN5G_ 802.11a_Right Tilted_Ch116_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5580 MHz; σ = 5.159 mho/m; ε_r = 34.655; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

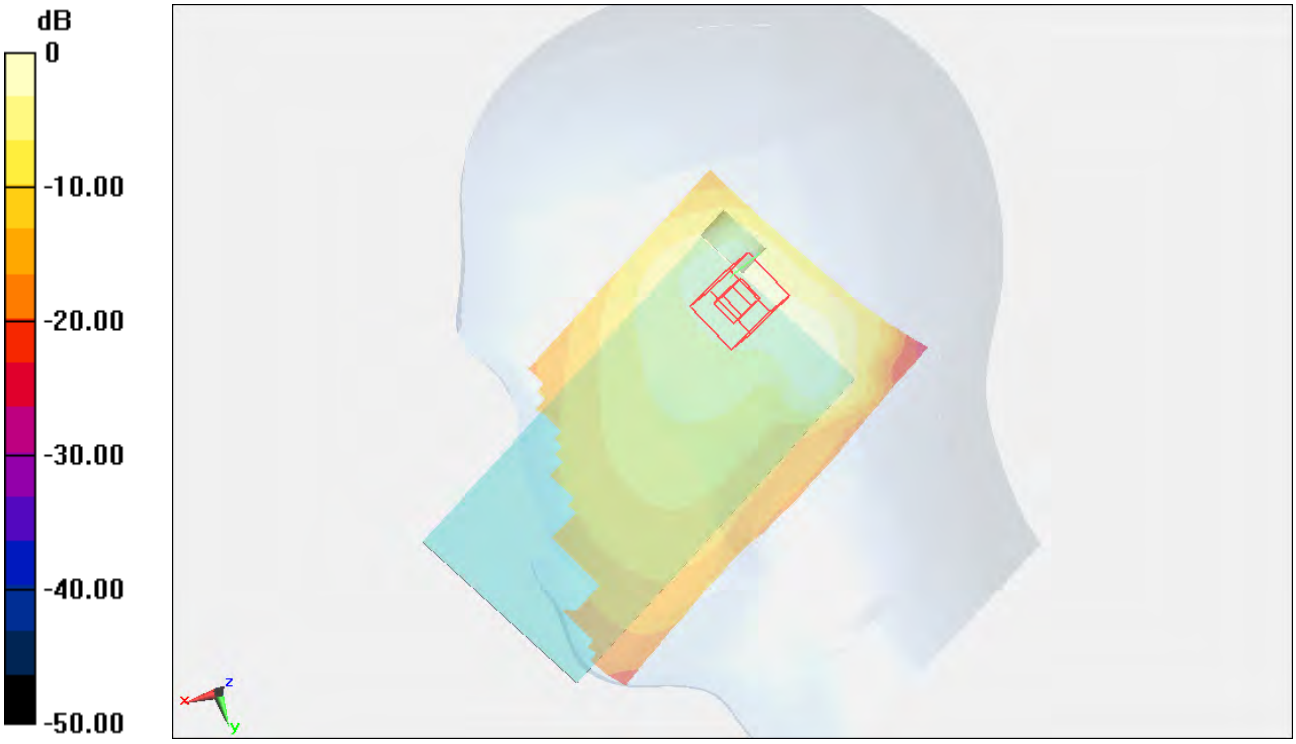
#203 GSM850_Right Tilted_Ch189_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.652; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.765 mW/g
Maximum value of SAR (interpolated) = 2.53 mW/g



0 dB = 2.53 mW/g = 8.06 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#217 WLAN5G_ 802.11a_Right Tilted_Ch161_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#203 GSM850_Right Tilted_Ch189_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.652; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.762 mW/g
Maximum value of SAR (interpolated) = 2.42 mW/g

0 dB = 2.42 mW/g = 7.68 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#218 WLAN5G_ 802.11a_Right Tilted_Ch149_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5745 MHz; σ = 5.336 mho/m; ε_r = 34.403; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

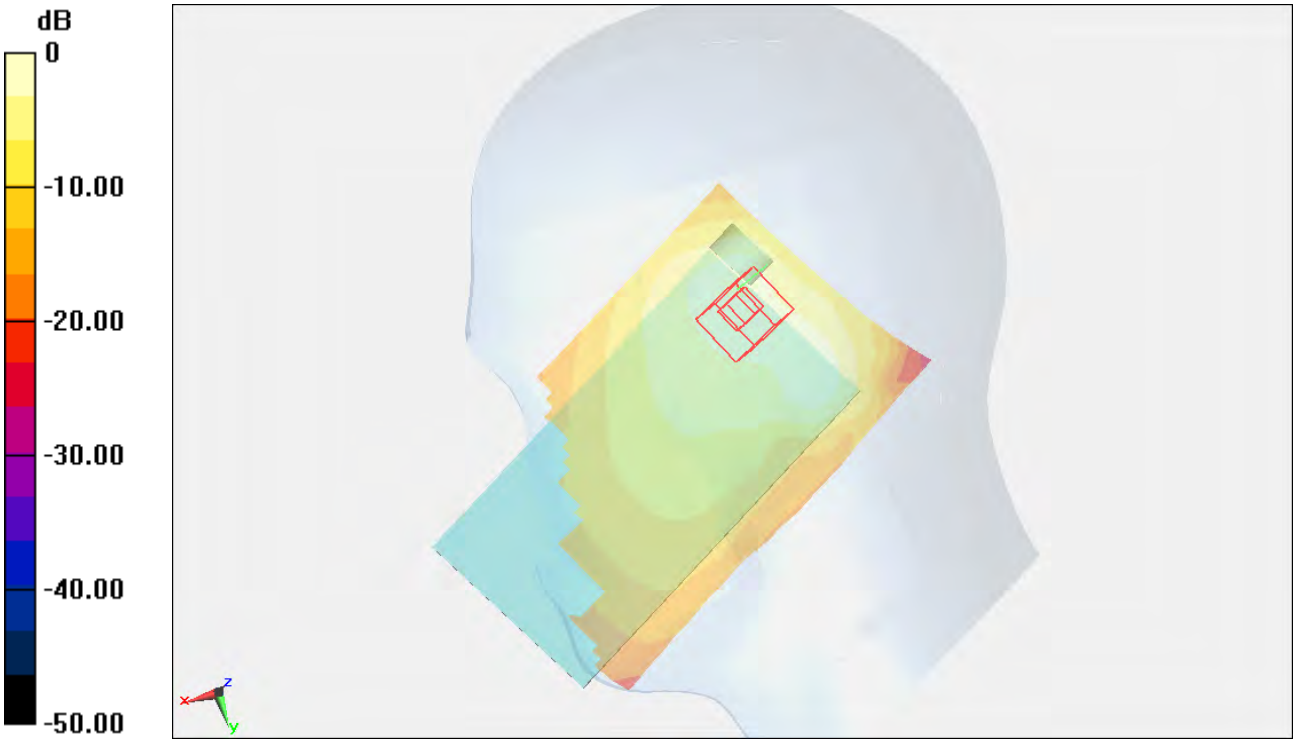
#203 GSM850_Right Tilted_Ch189_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_120630 Medium parameters used: f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.652; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.765 mW/g
Maximum value of SAR (interpolated) = 2.46 mW/g



0 dB = 2.46 mW/g = 7.82 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab **Date: 2012/7/2**

#219 WCDMA V_Right Tilted_Ch4182_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_850_120702 Medium parameters used: f = 836.4 MHz; σ = 0.929 mho/m; ε_r = 42.963; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

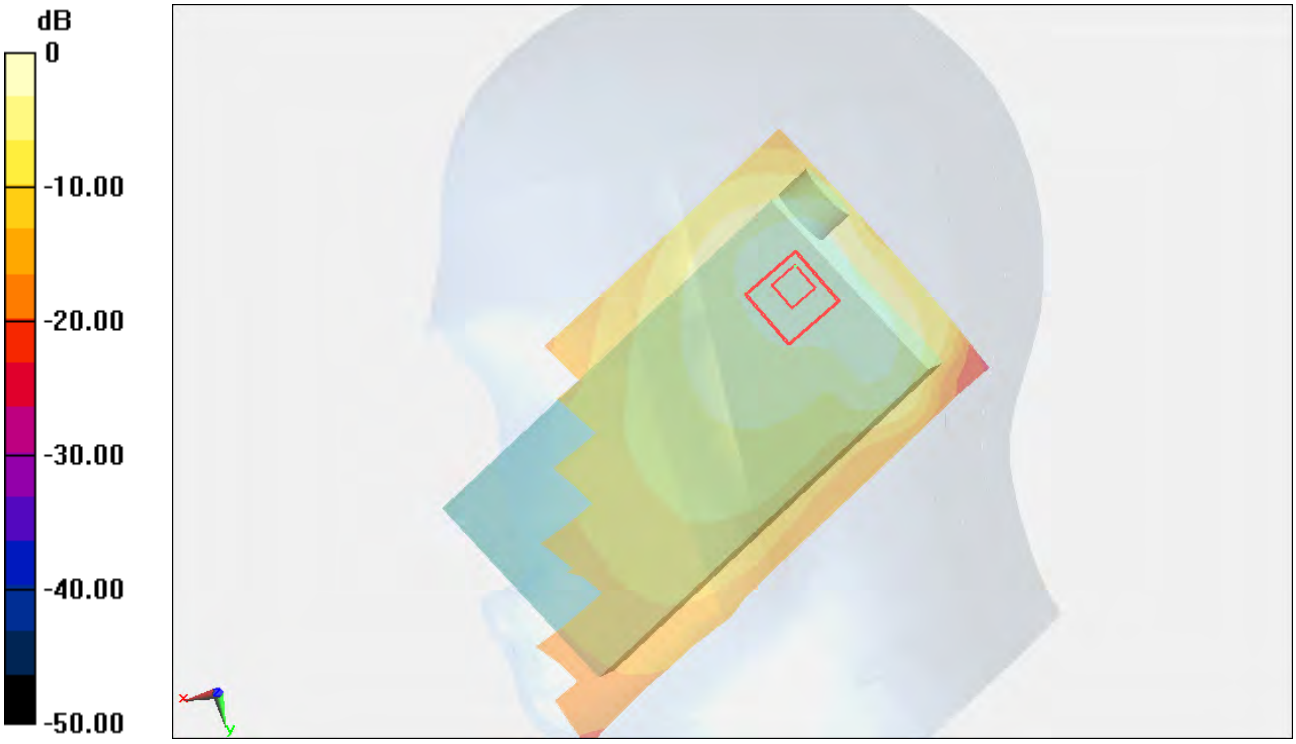
#212 WLAN5G_ 802.11a_Right Tilted_Ch52_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5260 MHz; σ = 4.842 mho/m; ε_r = 35.242; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.820 mW/g
Maximum value of SAR (interpolated) = 2.38 mW/g



0 dB = 2.38 mW/g = 7.53 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#213 WLAN5G_ 802.11a_Right Tilted_Ch64_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5320 MHz; σ = 4.896 mho/m; ε_r = 35.115; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#219 WCDMA V_Right Tilted_Ch4182_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_850_120702 Medium parameters used: f = 836.4 MHz; σ = 0.929 mho/m; ε_r = 42.963; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.811 mW/g
Maximum value of SAR (interpolated) = 2.25 mW/g

0 dB = 2.25 mW/g = 7.04 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#219 WCDMA V_Right Tilted_Ch4182_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_850_120702 Medium parameters used: f = 836.4 MHz; σ = 0.929 mho/m; ε_r = 42.963; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#214 WLAN5G_ 802.11a_Right Tilted_Ch140_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5700 MHz; σ = 5.282 mho/m; ε_r = 34.424; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.816 mW/g
Maximum value of SAR (interpolated) = 2.25 mW/g

0 dB = 2.25 mW/g = 7.04 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#215 WLAN5G_ 802.11a_Right Tilted_Ch104_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5520 MHz; σ = 5.103 mho/m; ε_r = 34.799; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#219 WCDMA V_Right Tilted_Ch4182_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_850_120702 Medium parameters used: f = 836.4 MHz; σ = 0.929 mho/m; ε_r = 42.963; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.834 mW/g
Maximum value of SAR (interpolated) = 2.35 mW/g

0 dB = 2.35 mW/g = 7.42 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#216 WLAN5G_ 802.11a_Right Tilted_Ch116_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5580 MHz; σ = 5.159 mho/m; ε_r = 34.655; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

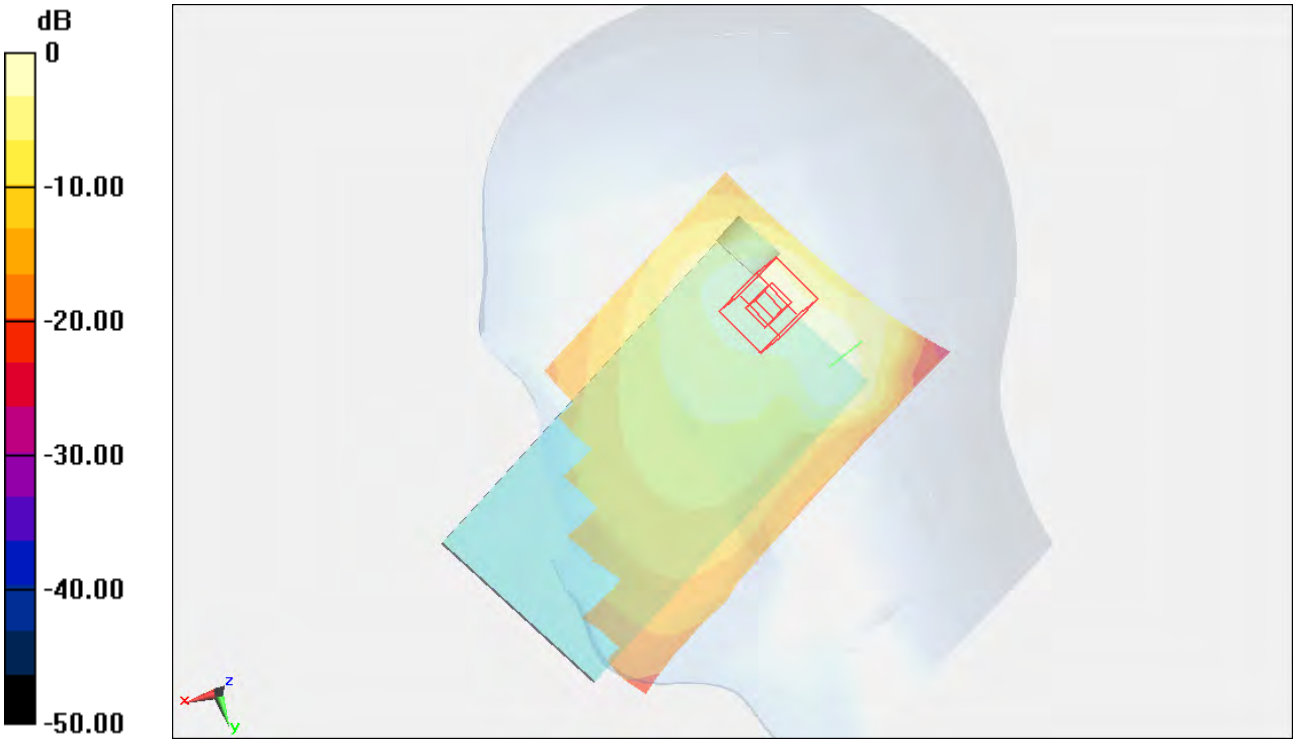
#219 WCDMA V_Right Tilted_Ch4182_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_850_120702 Medium parameters used: f = 836.4 MHz; σ = 0.929 mho/m; ε_r = 42.963; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.47 mW/g; SAR(10 g) = 0.870 mW/g
Maximum value of SAR (interpolated) = 2.79 mW/g



0 dB = 2.79 mW/g = 8.91 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#217 WLAN5G_ 802.11a_Right Tilted_Ch161_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

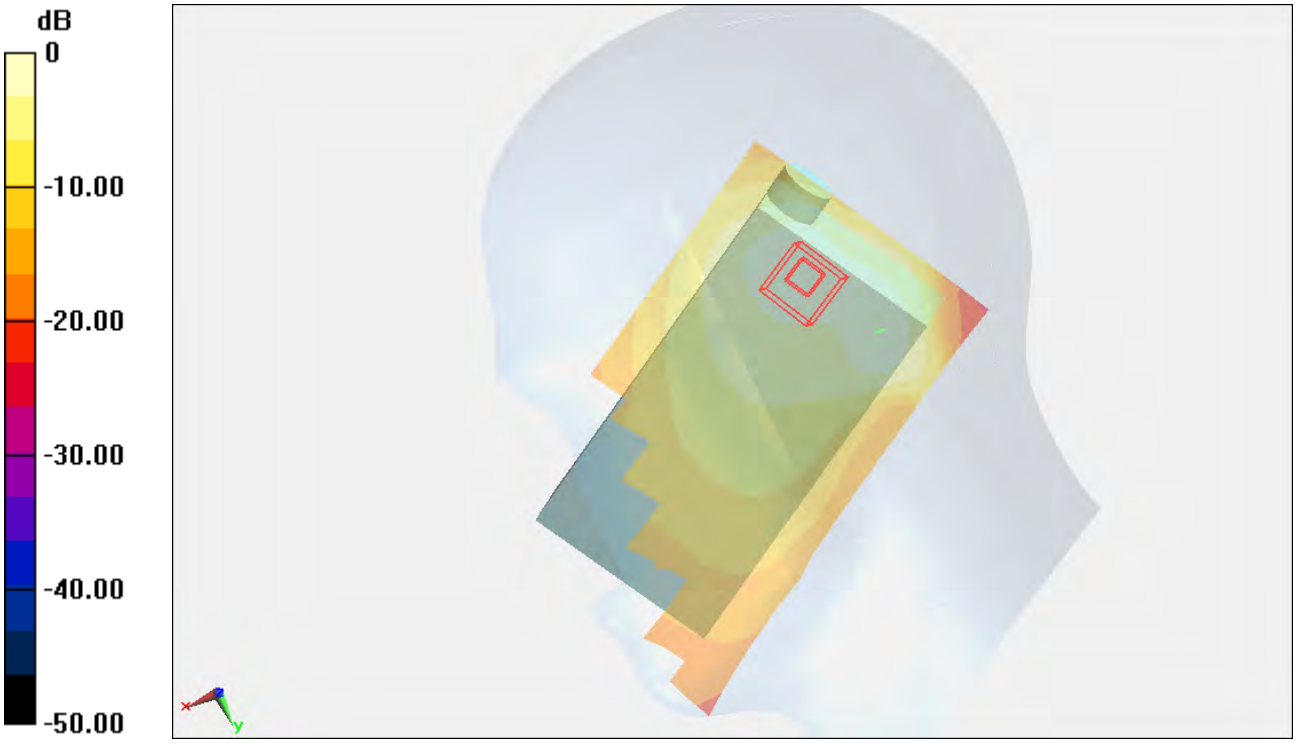
#219 WCDMA V_Right Tilted_Ch4182_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_850_120702 Medium parameters used: f = 836.4 MHz; σ = 0.929 mho/m; ε_r = 42.963; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.862 mW/g
Maximum value of SAR (interpolated) = 2.47 mW/g



0 dB = 2.47 mW/g = 7.85 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#218 WLAN5G_ 802.11a_Right Tilted_Ch149_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5745 MHz; σ = 5.336 mho/m; ε_r = 34.403; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#219 WCDMA V_Right Tilted_Ch4182_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_850_120702 Medium parameters used: f = 836.4 MHz; σ = 0.929 mho/m; ε_r = 42.963; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.47 mW/g; SAR(10 g) = 0.865 mW/g
Maximum value of SAR (interpolated) = 2.45 mW/g

0 dB = 2.45 mW/g = 7.78 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#205 WCDMA V_RMC12.2K_Right Tilted_Ch4132_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_850_120630 Medium parameters used: f = 826.4 MHz; σ = 0.887 mho/m; ε_r = 41.762; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

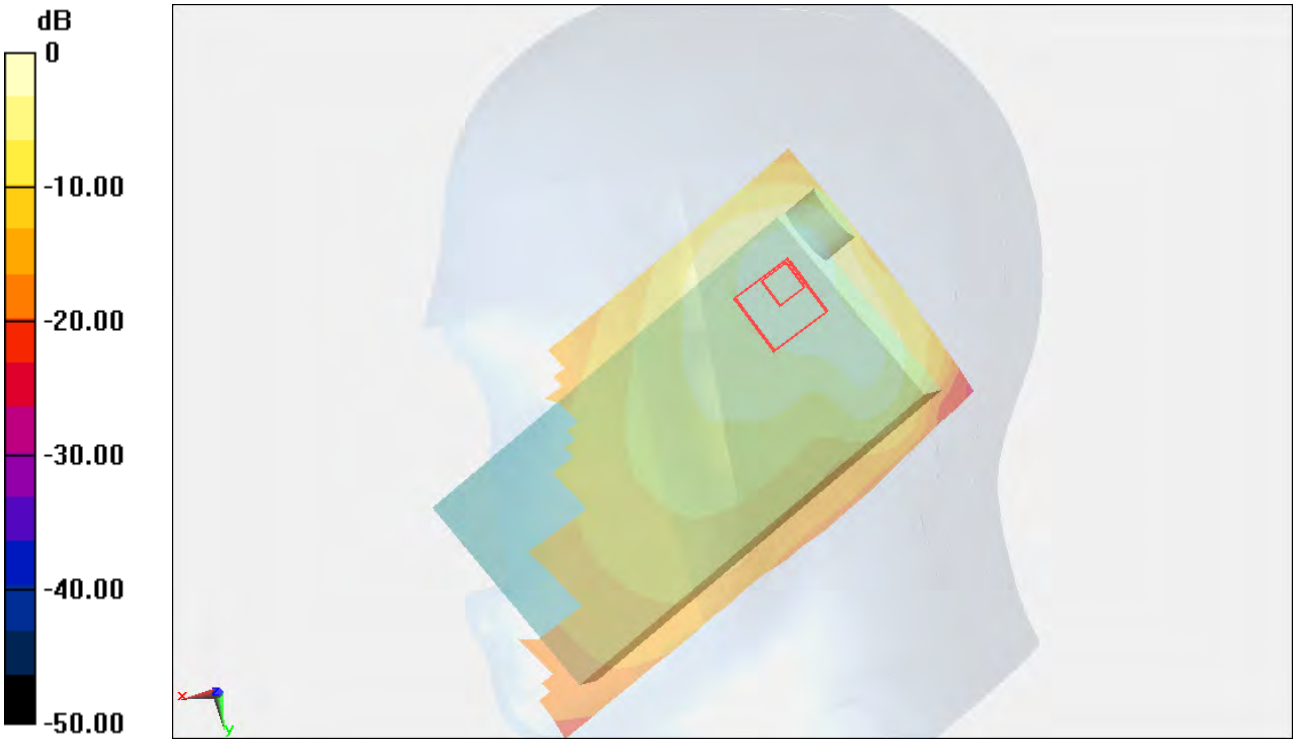
#212 WLAN5G_ 802.11a_Right Tilted_Ch52_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5260 MHz; σ = 4.842 mho/m; ε_r = 35.242; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.807 mW/g
Maximum value of SAR (interpolated) = 2.61 mW/g



0 dB = 2.61 mW/g = 8.33 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#213 WLAN5G_ 802.11a_Right Tilted_Ch64_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5320 MHz; σ = 4.896 mho/m; ε_r = 35.115; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#205 WCDMA V_RMC12.2K_Right Tilted_Ch4132_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 826.4 MHz; σ = 0.887 mho/m; ε_r = 41.762; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.802 mW/g
Maximum value of SAR (interpolated) = 2.59 mW/g

0 dB = 2.59 mW/g = 8.27 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#205 WCDMA V_RMC12.2K_Right Tilted_Ch4132_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 826.4 MHz; σ = 0.887 mho/m; ε_r = 41.762; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#214 WLAN5G_ 802.11a_Right Tilted_Ch140_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5700 MHz; σ = 5.282 mho/m; ε_r = 34.424; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.803 mW/g
Maximum value of SAR (interpolated) = 2.37 mW/g

0 dB = 2.37 mW/g = 7.49 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#215 WLAN5G_ 802.11a_Right Tilted_Ch104_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5520 MHz; σ = 5.103 mho/m; ε_r = 34.799; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

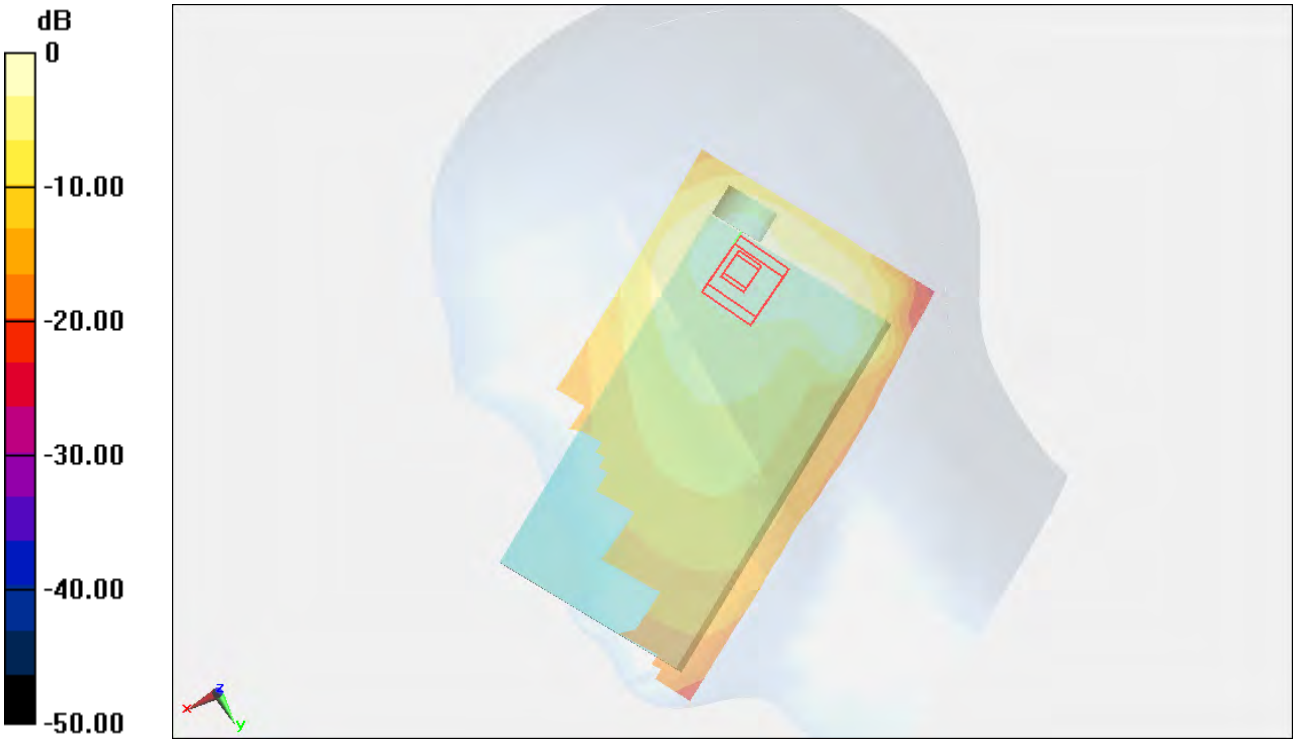
#205 WCDMA V_RMC12.2K_Right Tilted_Ch4132_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 826.4 MHz; σ = 0.887 mho/m; ε_r = 41.762; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.806 mW/g
Maximum value of SAR (interpolated) = 2.52 mW/g



0 dB = 2.52 mW/g = 8.03 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#216 WLAN5G_ 802.11a_Right Tilted_Ch116_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5580 MHz; σ = 5.159 mho/m; ε_r = 34.655; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#205 WCDMA V_RMC12.2K_Right Tilted_Ch4132_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 826.4 MHz; σ = 0.887 mho/m; ε_r = 41.762; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.826 mW/g
Maximum value of SAR (interpolated) = 2.58 mW/g

0 dB = 2.58 mW/g = 8.23 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#217 WLAN5G_ 802.11a_Right Tilted_Ch161_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#205 WCDMA V_RMC12.2K_Right Tilted_Ch4132_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 826.4 MHz; σ = 0.887 mho/m; ε_r = 41.762; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.826 mW/g
Maximum value of SAR (interpolated) = 2.48 mW/g

0 dB = 2.48 mW/g = 7.89 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#218 WLAN5G_ 802.11a_Right Tilted_Ch149_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5745 MHz; σ = 5.336 mho/m; ε_r = 34.403; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

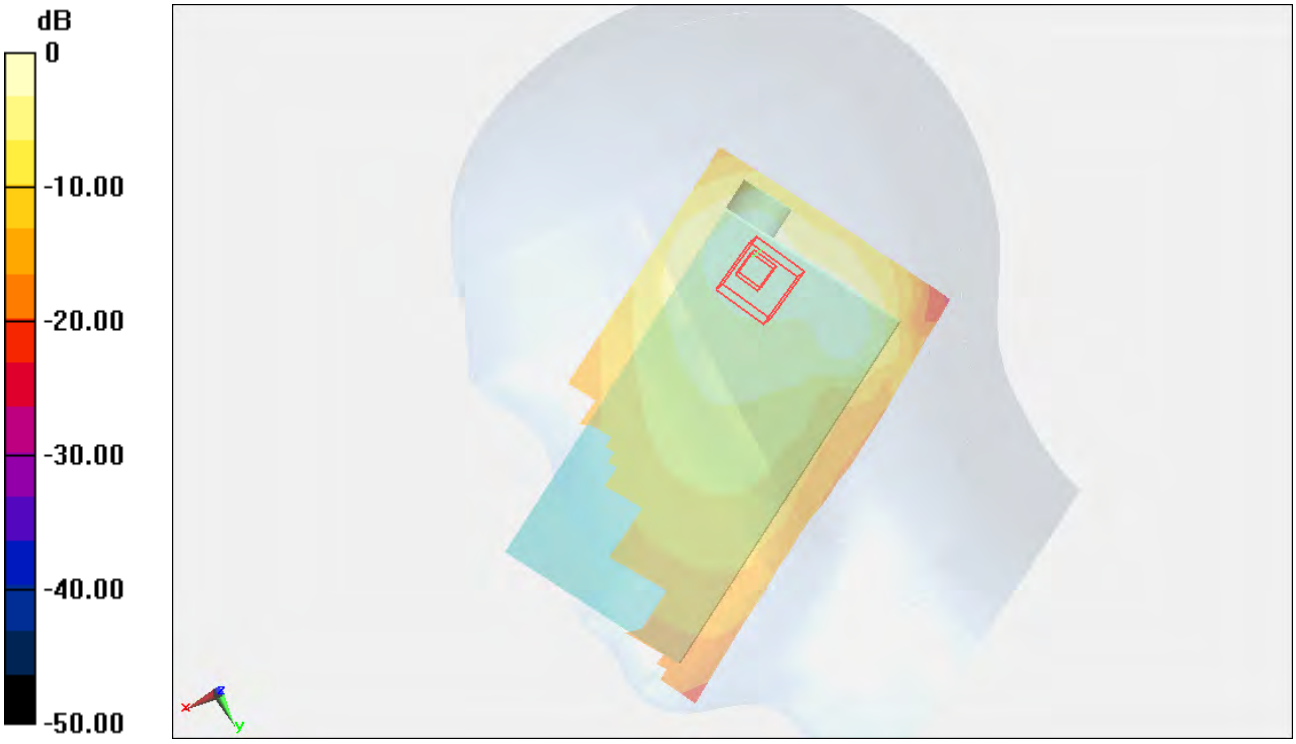
#205 WCDMA V_RMC12.2K_Right Tilted_Ch4132_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 826.4 MHz; σ = 0.887 mho/m; ε_r = 41.762; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.828 mW/g
Maximum value of SAR (interpolated) = 2.49 mW/g



0 dB = 2.49 mW/g = 7.92 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#206 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_850_120630 Medium parameters used: f = 847 MHz; σ = 0.907 mho/m; ε_r = 41.512; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

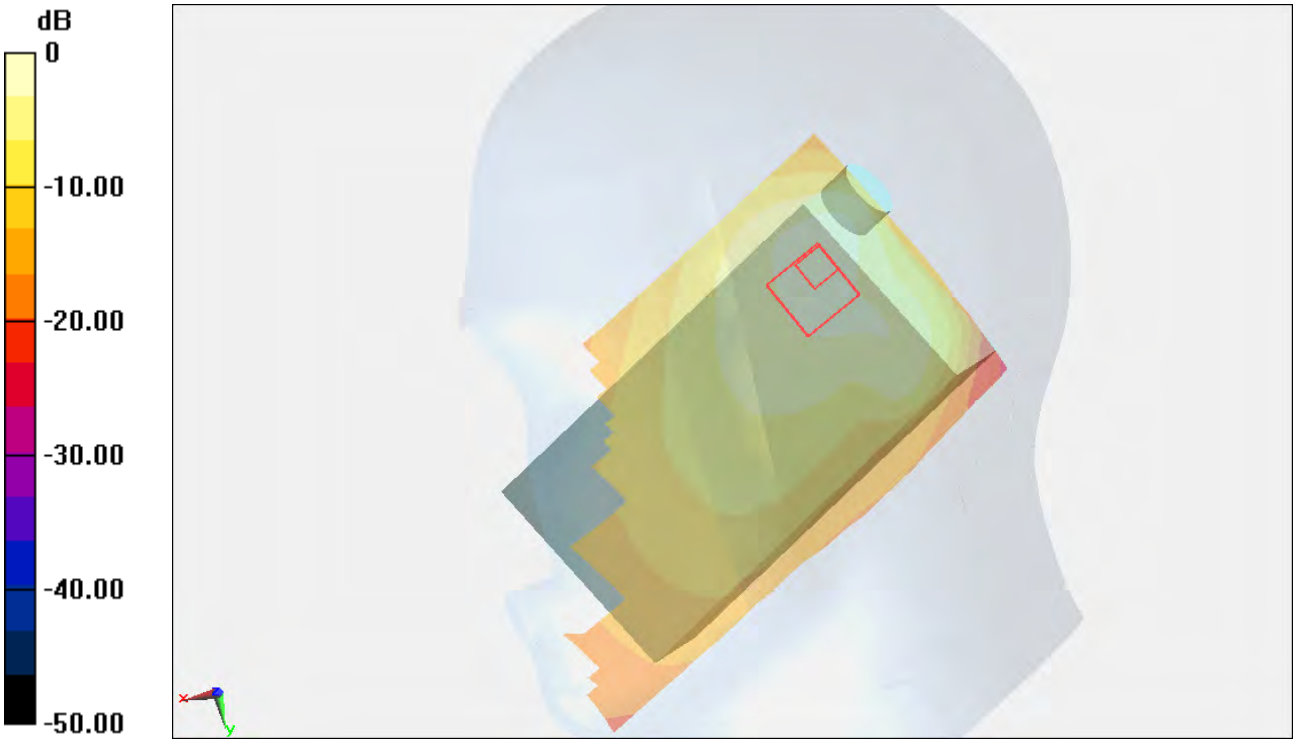
#210 WLAN5G_ 802.11a_Right Tilted_Ch44_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5220 MHz; σ = 4.8 mho/m; ε_r = 35.291; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.841 mW/g
Maximum value of SAR (interpolated) = 2.74 mW/g



0 dB = 2.74 mW/g = 8.76 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#206 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_850_120630 Medium parameters used: f = 847 MHz; σ = 0.907 mho/m; ε_r = 41.512; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

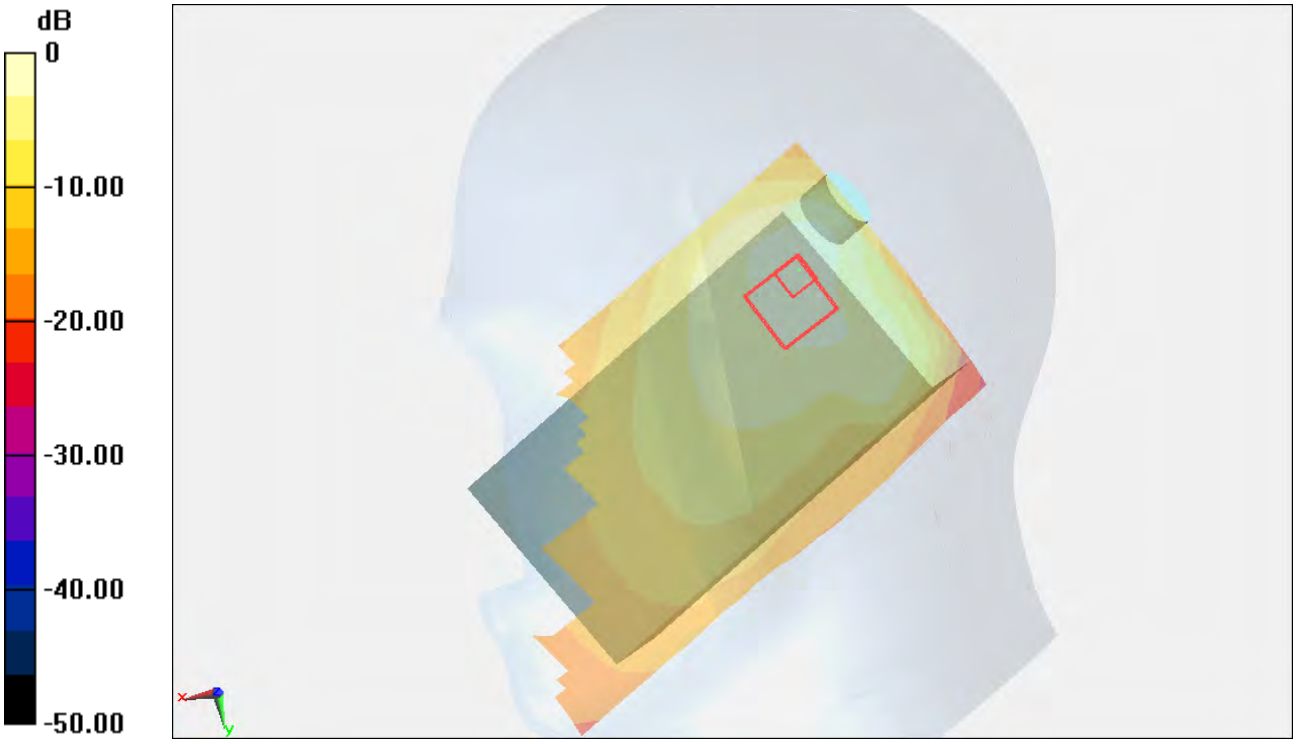
#211 WLAN5G_ 802.11a_Right Tilted_Ch36_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5180 MHz; σ = 4.755 mho/m; ε_r = 35.351; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.831 mW/g
Maximum value of SAR (interpolated) = 2.61 mW/g



0 dB = 2.61 mW/g = 8.33 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#206 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_850_120630 Medium parameters used: f = 847 MHz; σ = 0.907 mho/m; ε_r = 41.512; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

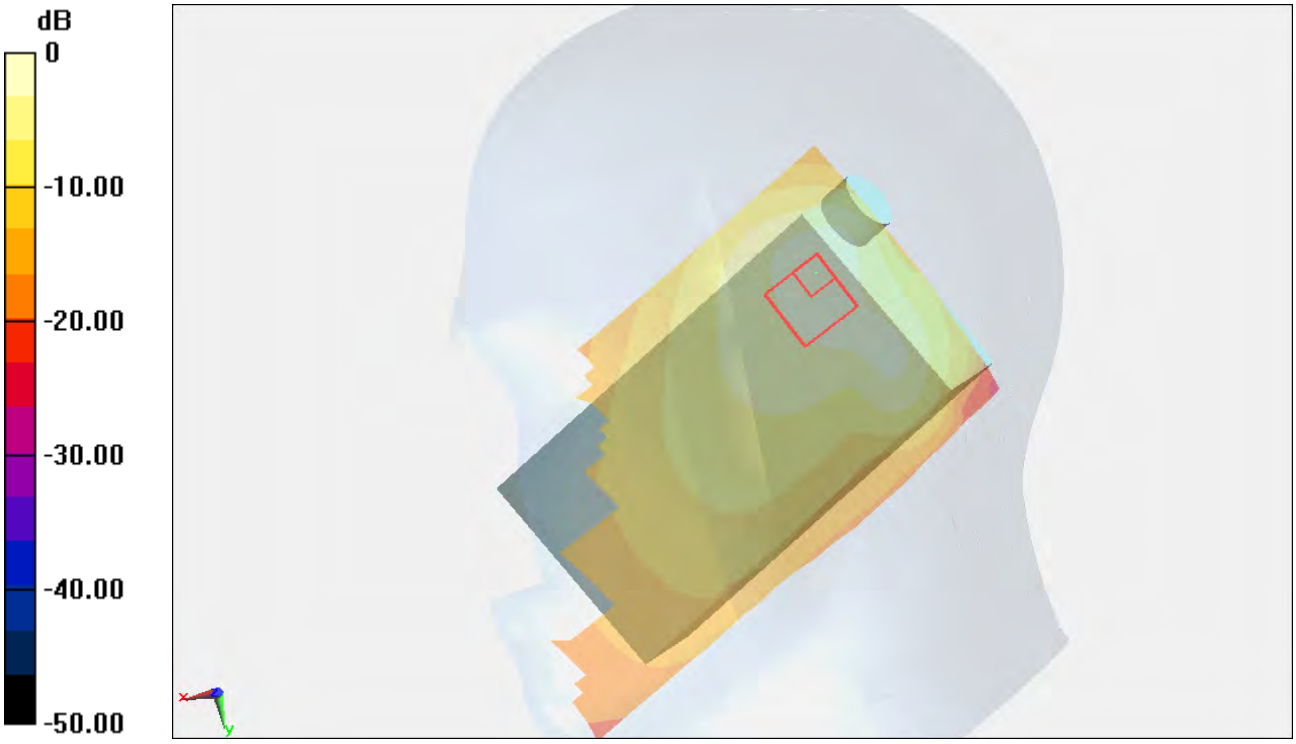
#212 WLAN5G_ 802.11a_Right Tilted_Ch52_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5260 MHz; σ = 4.842 mho/m; ε_r = 35.242; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.45 mW/g; SAR(10 g) = 0.859 mW/g
Maximum value of SAR (interpolated) = 2.96 mW/g



0 dB = 2.96 mW/g = 9.43 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#213 WLAN5G_ 802.11a_Right Tilted_Ch64_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5320 MHz; σ = 4.896 mho/m; ε_r = 35.115; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#206 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 847 MHz; σ = 0.907 mho/m; ε_r = 41.512; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.853 mW/g
Maximum value of SAR (interpolated) = 2.96 mW/g

0 dB = 2.96 mW/g = 9.43 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#206 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 847 MHz; σ = 0.907 mho/m; ε_r = 41.512; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- ¿ Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- ¿ Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#214 WLAN5G_ 802.11a_Right Tilted_Ch140_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5700 MHz; σ = 5.282 mho/m; ε_r = 34.424; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- ¿ Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- ¿ Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.42 mW/g; SAR(10 g) = 0.854 mW/g
Maximum value of SAR (interpolated) = 2.76 mW/g

0 dB = 2.76 mW/g = 8.82 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#215 WLAN5G_ 802.11a_Right Tilted_Ch104_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5520 MHz; σ = 5.103 mho/m; ε_r = 34.799; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#206 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 847 MHz; σ = 0.907 mho/m; ε_r = 41.512; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.44 mW/g; SAR(10 g) = 0.867 mW/g
Maximum value of SAR (interpolated) = 2.89 mW/g

0 dB = 2.89 mW/g = 9.22 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#216 WLAN5G_ 802.11a_Right Tilted_Ch116_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5580 MHz; σ = 5.159 mho/m; ε_r = 34.655; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

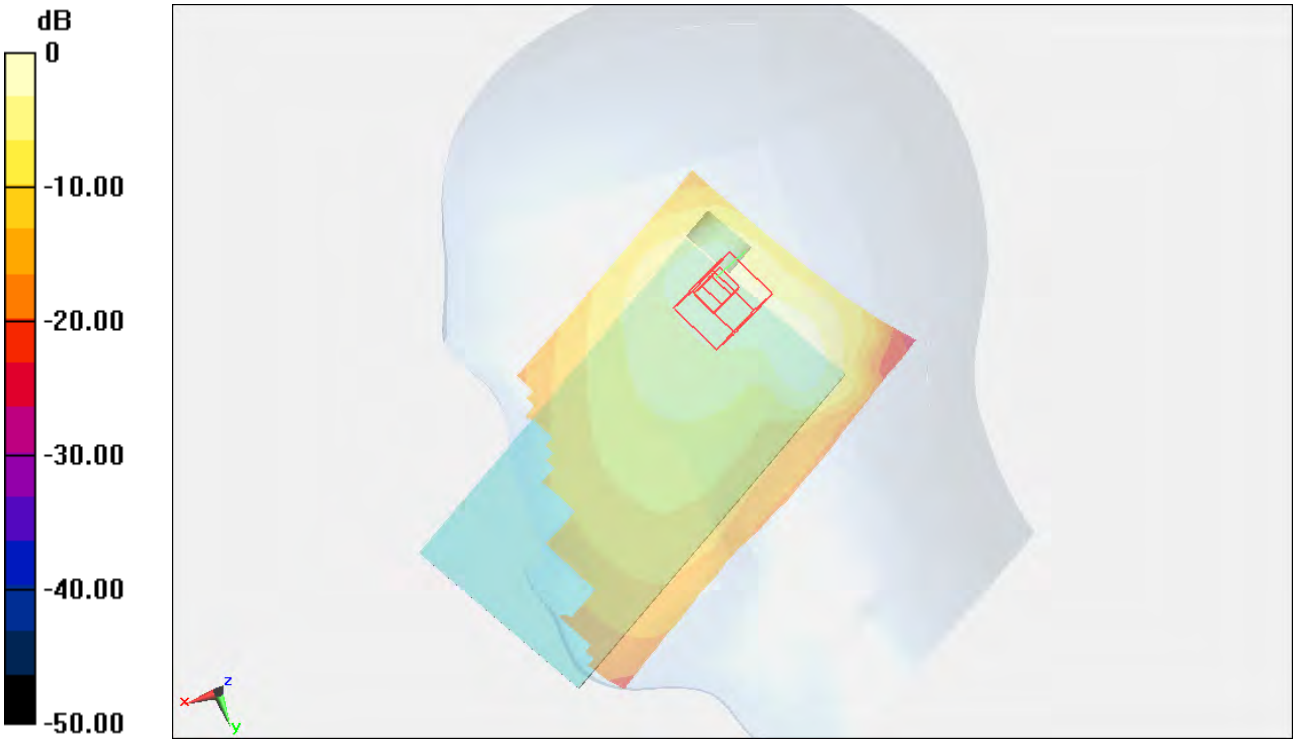
#206 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 847 MHz; σ = 0.907 mho/m; ε_r = 41.512; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.47 mW/g; SAR(10 g) = 0.879 mW/g
Maximum value of SAR (interpolated) = 2.91 mW/g



0 dB = 2.91 mW/g = 9.28 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#217 WLAN5G_ 802.11a_Right Tilted_Ch161_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

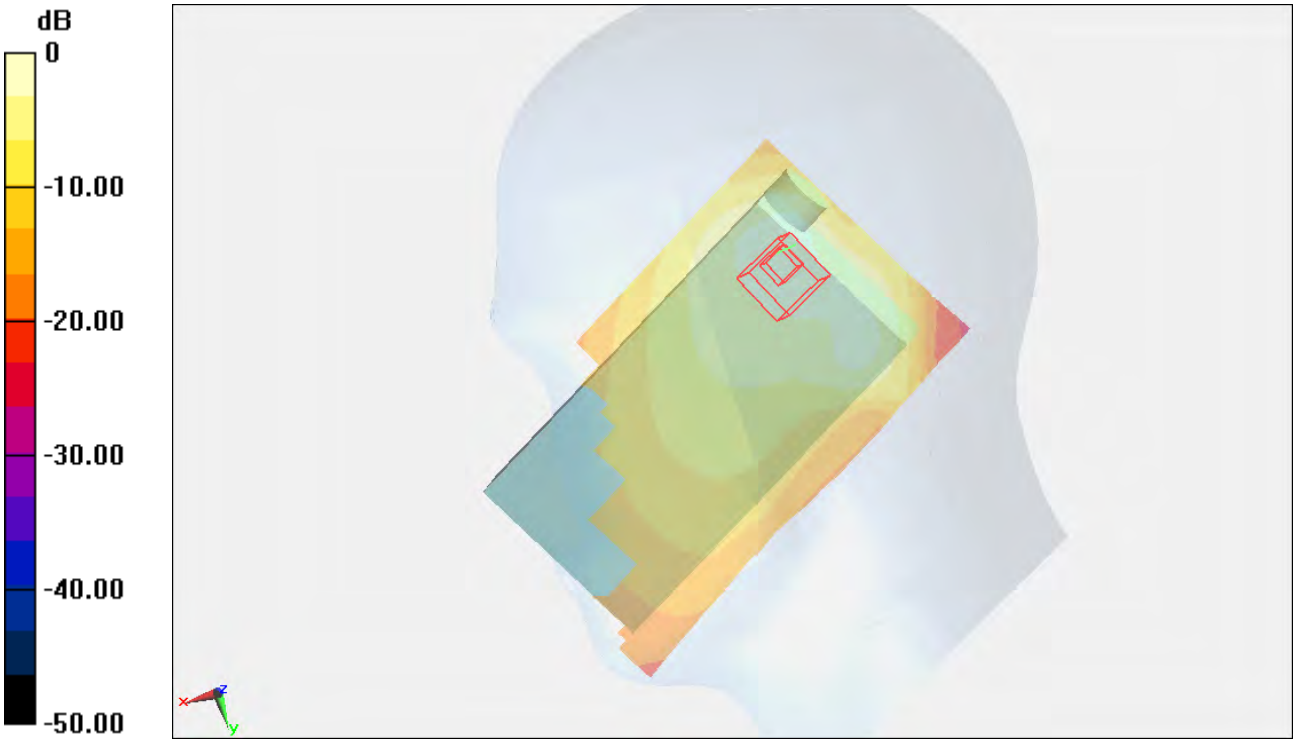
#206 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 847 MHz; σ = 0.907 mho/m; ε_r = 41.512; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.48 mW/g; SAR(10 g) = 0.878 mW/g
Maximum value of SAR (interpolated) = 2.88 mW/g



0 dB = 2.88 mW/g = 9.19 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#218 WLAN5G_ 802.11a_Right Tilted_Ch149_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5745 MHz; σ = 5.336 mho/m; ε_r = 34.403; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#206 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL_850_120630 Medium parameters used: f = 847 MHz; σ = 0.907 mho/m; ε_r = 41.512; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.49 mW/g; SAR(10 g) = 0.880 mW/g
Maximum value of SAR (interpolated) = 2.89 mW/g

0 dB = 2.89 mW/g = 9.22 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#207 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120702 Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; ε_r = 38.603; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

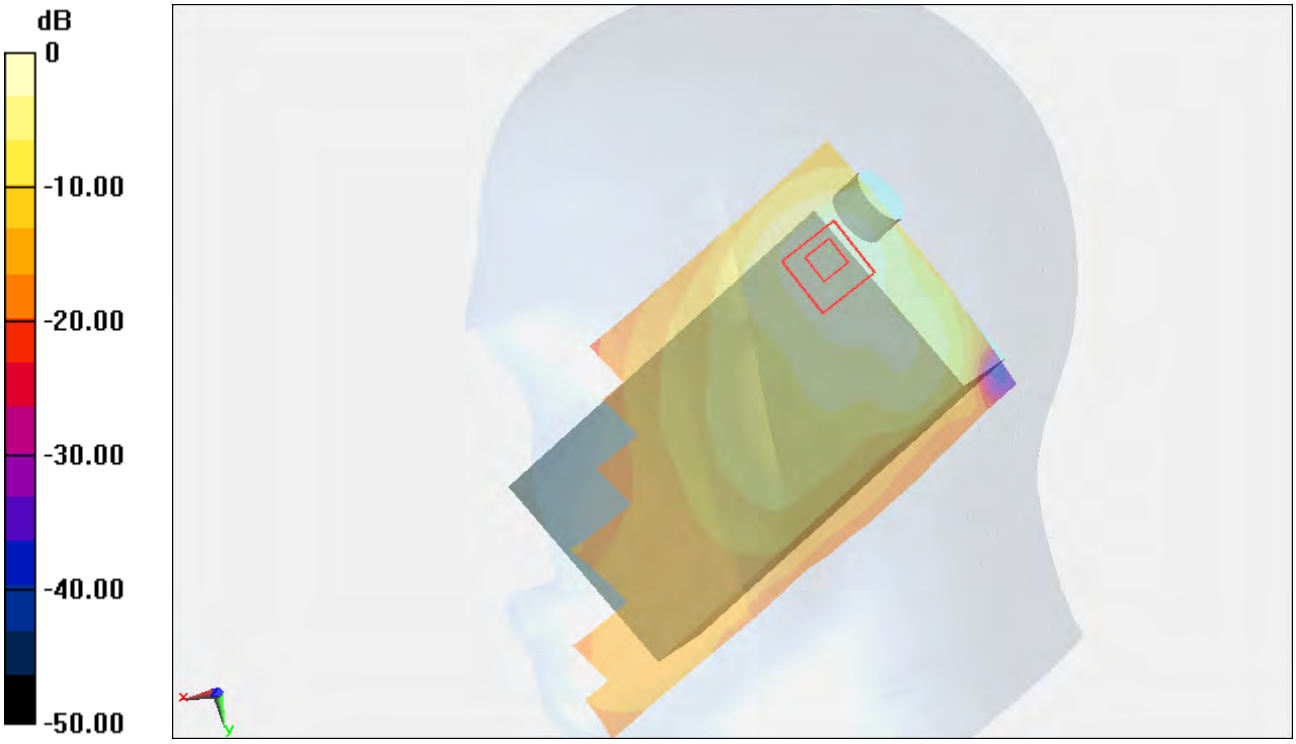
#210 WLAN5G_ 802.11a_Right Tilted_Ch44_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5220 MHz; σ = 4.8 mho/m; ε_r = 35.291; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.706 mW/g
Maximum value of SAR (interpolated) = 2.22 mW/g



0 dB = 2.22 mW/g = 6.93 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#207 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120702 Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; ε_r = 38.603; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

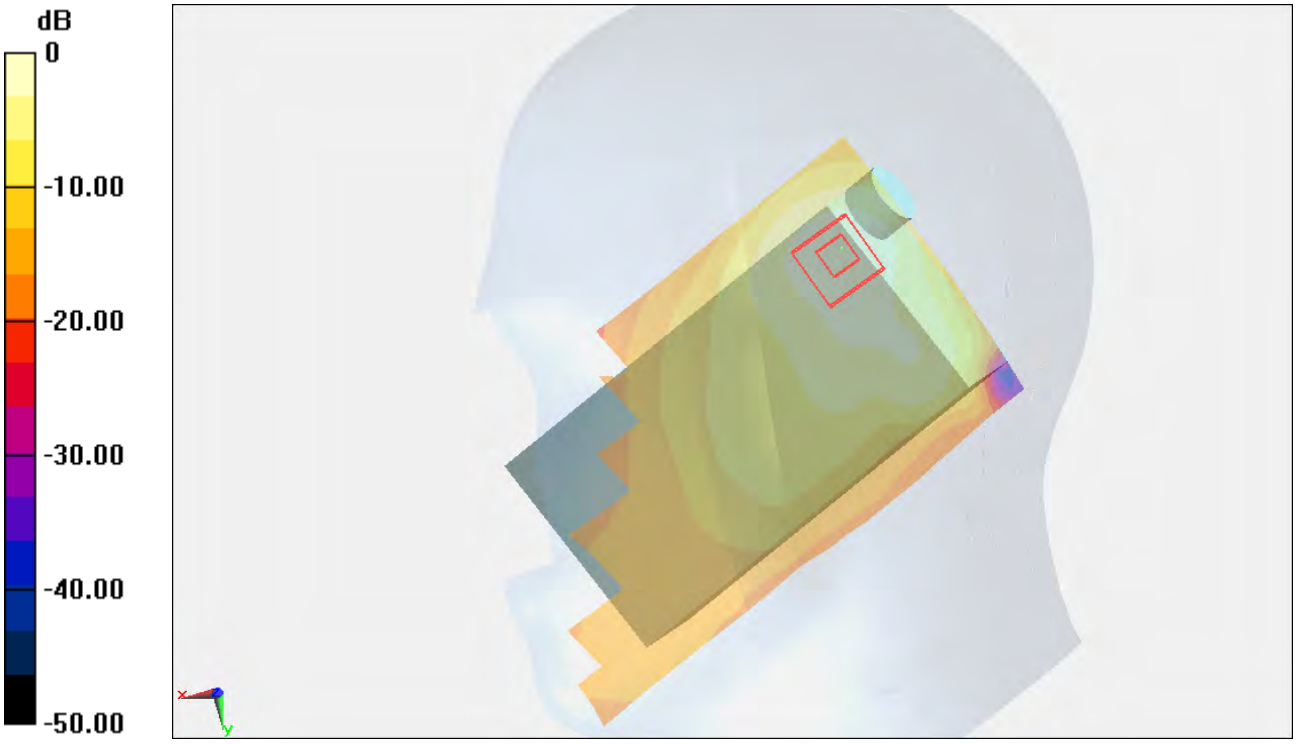
#211 WLAN5G_ 802.11a_Right Tilted_Ch36_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5180 MHz; σ = 4.755 mho/m; ε_r = 35.351; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.695 mW/g
Maximum value of SAR (interpolated) = 2.10 mW/g



0 dB = 2.10 mW/g = 6.44 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#207 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120702 Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; ε_r = 38.603; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

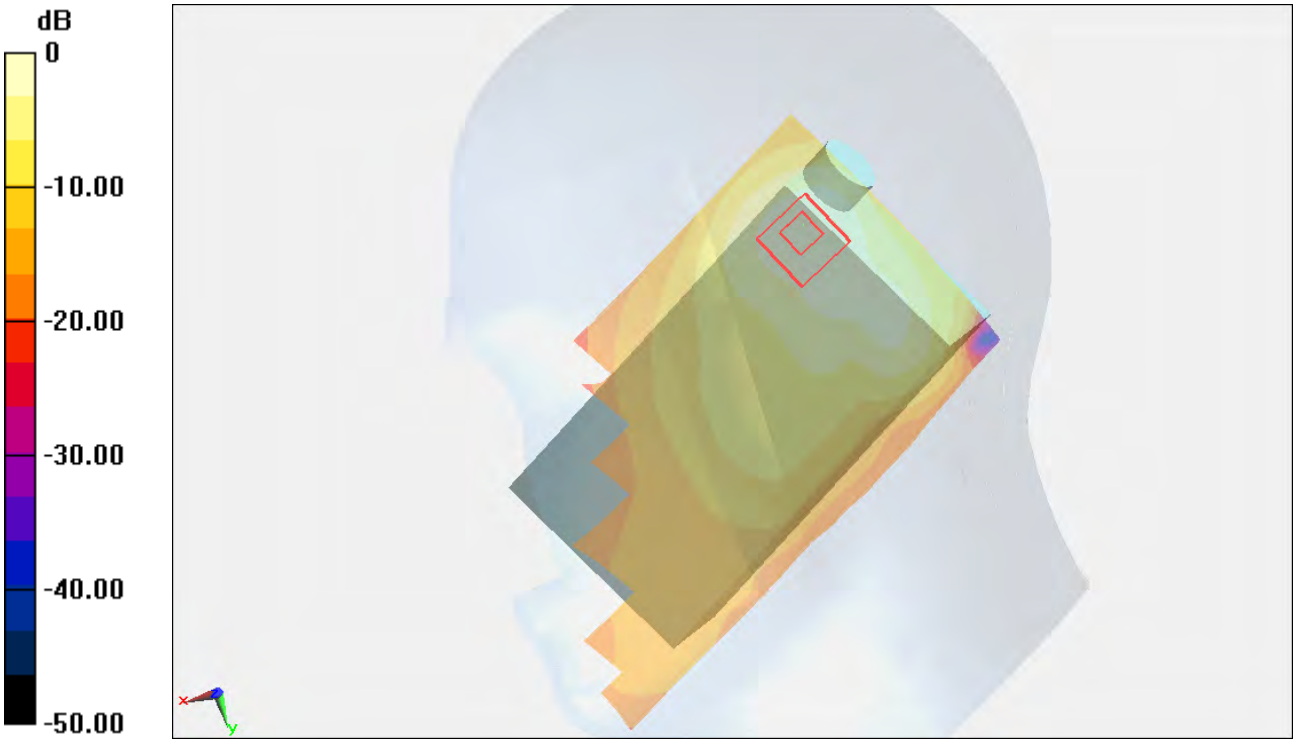
#212 WLAN5G_ 802.11a_Right Tilted_Ch52_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5260 MHz; σ = 4.842 mho/m; ε_r = 35.242; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.730 mW/g
Maximum value of SAR (interpolated) = 2.43 mW/g



0 dB = 2.43 mW/g = 7.71 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#213 WLAN5G_ 802.11a_Right Tilted_Ch64_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5320 MHz; σ = 4.896 mho/m; ε_r = 35.115; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#207 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; ε_r = 38.603; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.727 mW/g
Maximum value of SAR (interpolated) = 2.43 mW/g

0 dB = 2.43 mW/g = 7.71 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#207 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; ε_r = 38.603; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

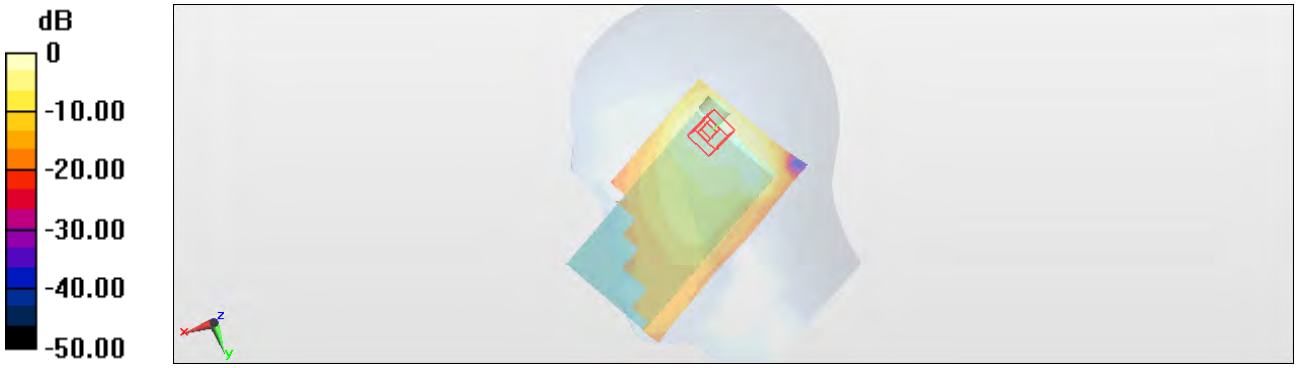
#214 WLAN5G_ 802.11a_Right Tilted_Ch140_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5700 MHz; σ = 5.282 mho/m; ε_r = 34.424; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.712 mW/g
Maximum value of SAR (interpolated) = 2.19 mW/g



0 dB = 2.19 mW/g = 6.81 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#215 WLAN5G_ 802.11a_Right Tilted_Ch104_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5520 MHz; σ = 5.103 mho/m; ε_r = 34.799; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

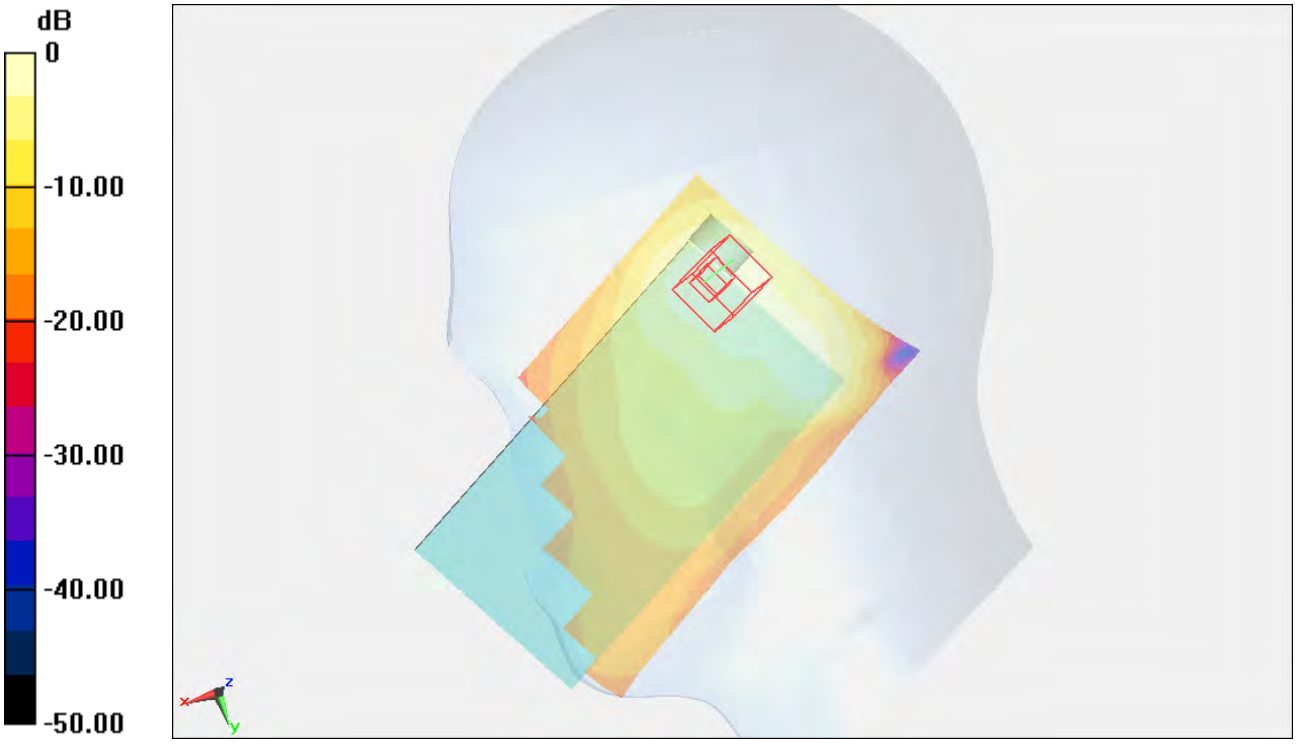
#207 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; ε_r = 38.603; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.729 mW/g
Maximum value of SAR (interpolated) = 2.36 mW/g



0 dB = 2.36 mW/g = 7.46 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#216 WLAN5G_ 802.11a_Right Tilted_Ch116_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5580 MHz; σ = 5.159 mho/m; ε_r = 34.655; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

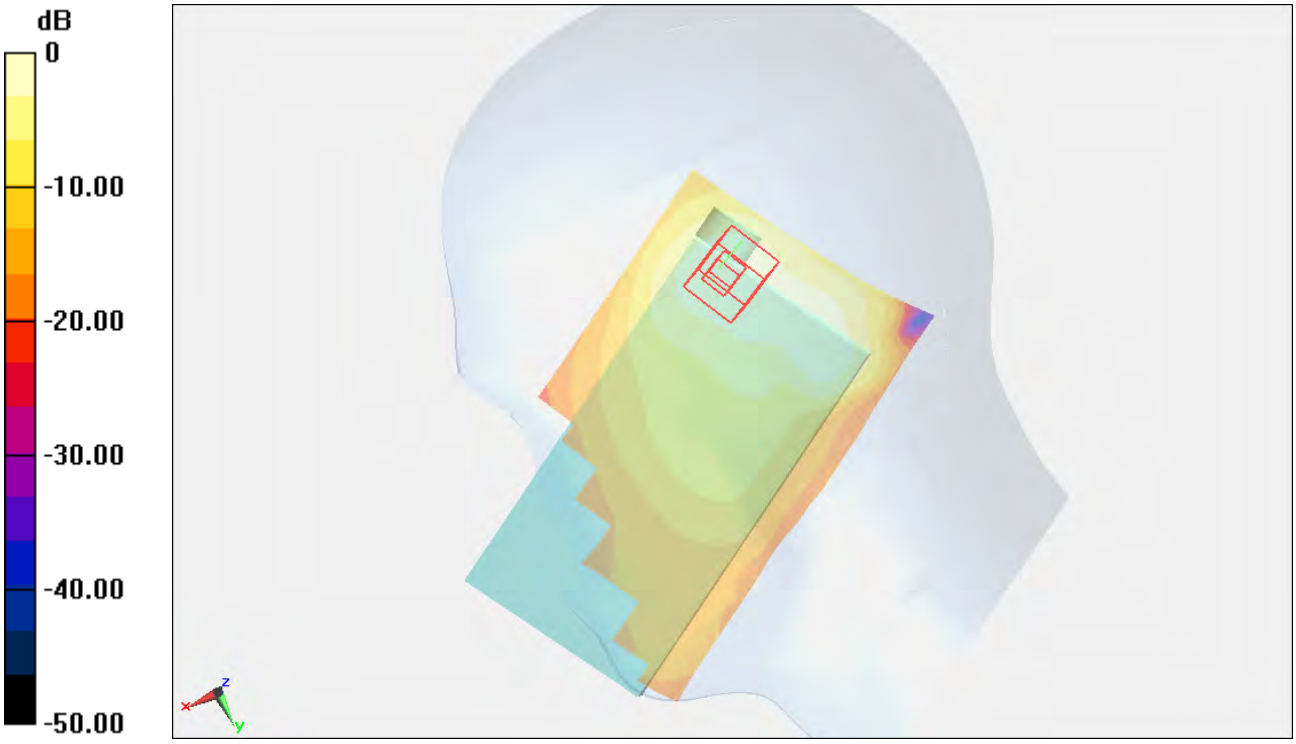
#207 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; ε_r = 38.603; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.745 mW/g
Maximum value of SAR (interpolated) = 2.40 mW/g



0 dB = 2.40 mW/g = 7.60 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#217 WLAN5G_ 802.11a_Right Tilted_Ch161_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

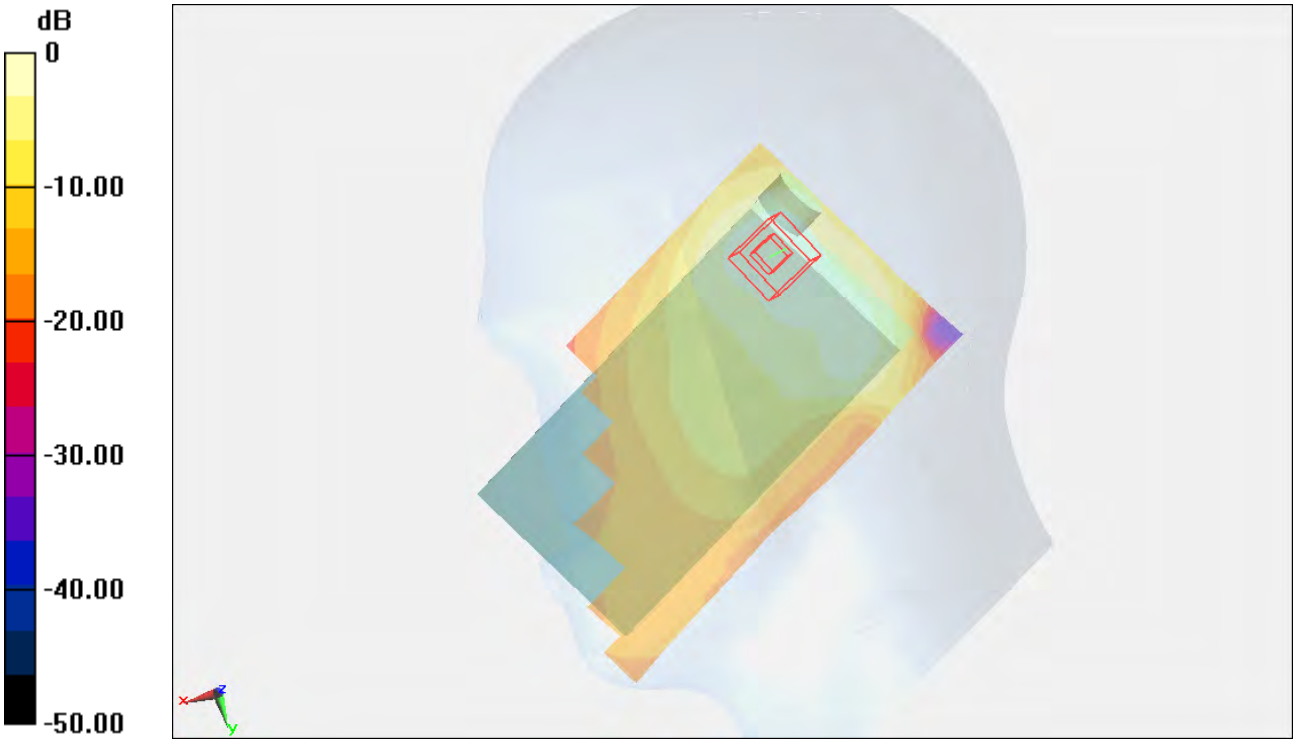
#207 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; ε_r = 38.603; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.730 mW/g
Maximum value of SAR (interpolated) = 2.29 mW/g



0 dB = 2.29 mW/g = 7.20 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#218 WLAN5G_ 802.11a_Right Tilted_Ch149_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5745 MHz; σ = 5.336 mho/m; ε_r = 34.403; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

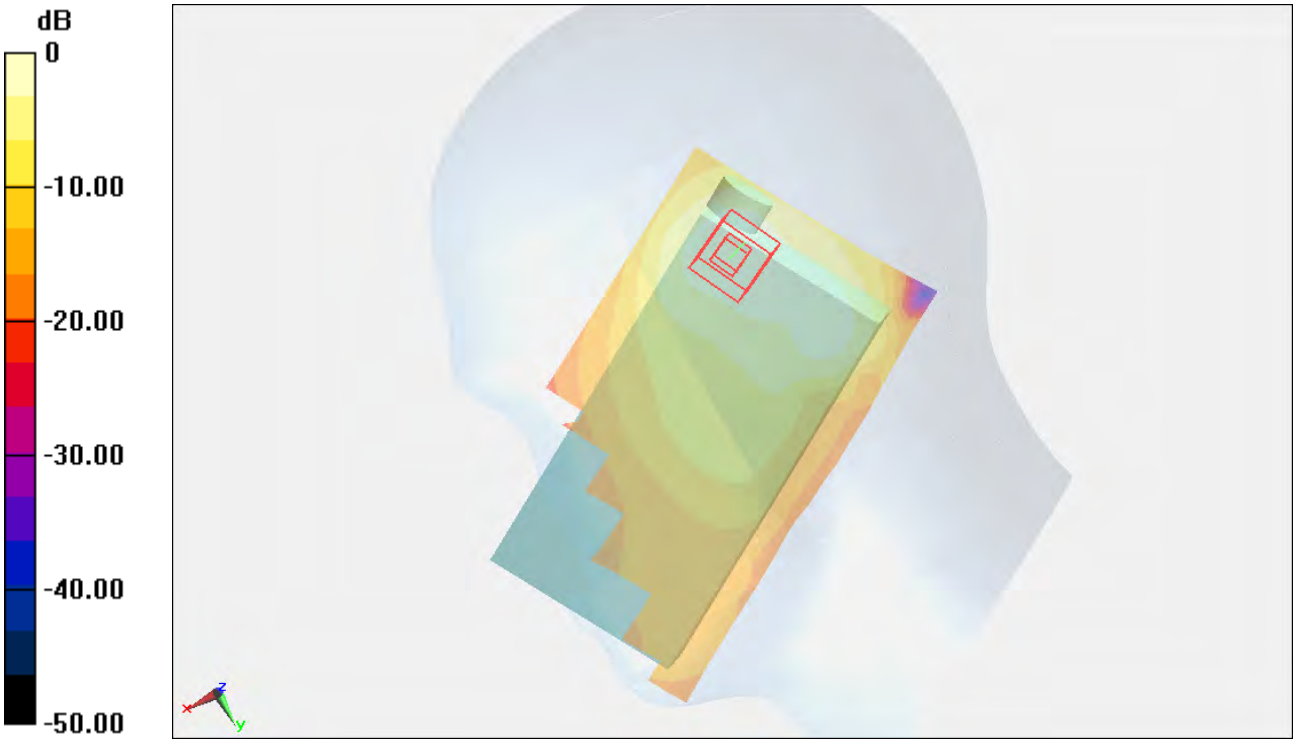
#207 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; ε_r = 38.603; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.740 mW/g
Maximum value of SAR (interpolated) = 2.31 mW/g



0 dB = 2.31 mW/g = 7.27 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#208 WCDMA II_RMC12.2K_Right Tilted_Ch9262_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120702 Medium parameters used: f = 1852.4 MHz; σ = 1.404 mho/m; ε_r = 38.781; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

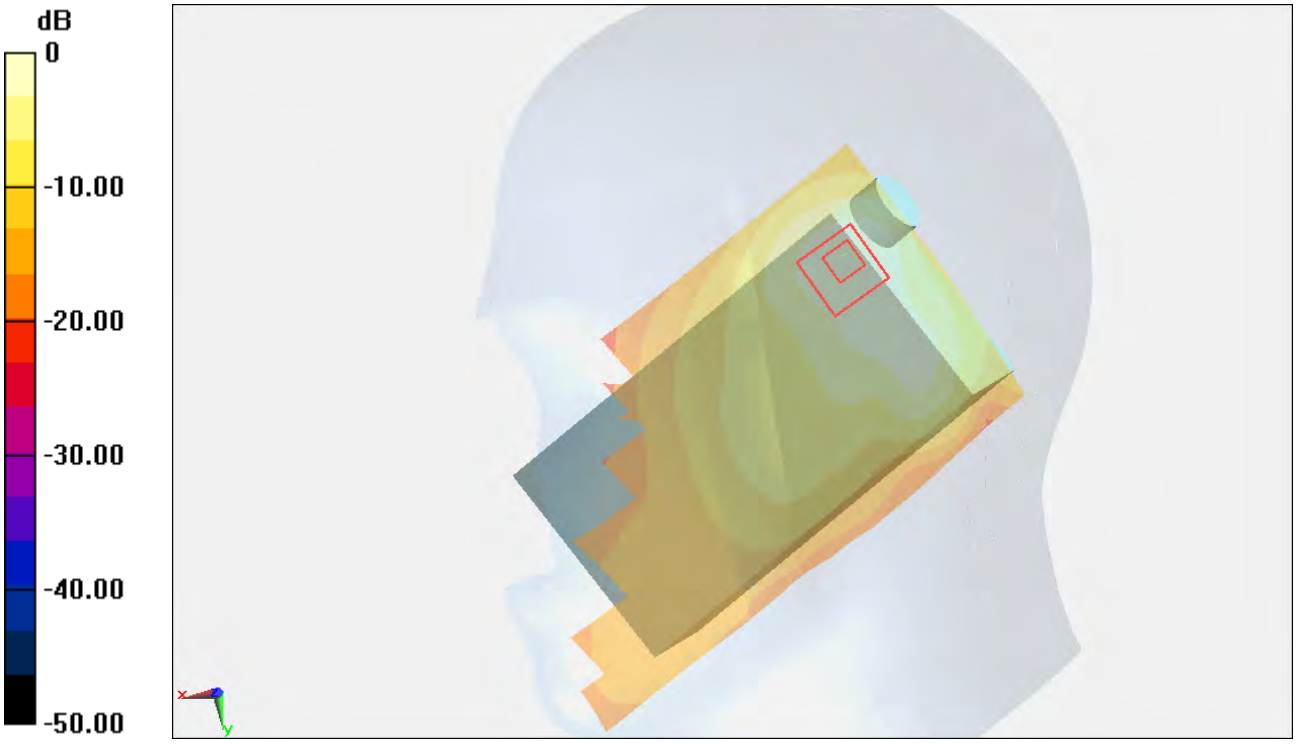
#212 WLAN5G_ 802.11a_Right Tilted_Ch52_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5260 MHz; σ = 4.842 mho/m; ε_r = 35.242; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.660 mW/g
Maximum value of SAR (interpolated) = 2.27 mW/g



0 dB = 2.27 mW/g = 7.12 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#213 WLAN5G_ 802.11a_Right Tilted_Ch64_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5320 MHz; σ = 4.896 mho/m; ε_r = 35.115; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

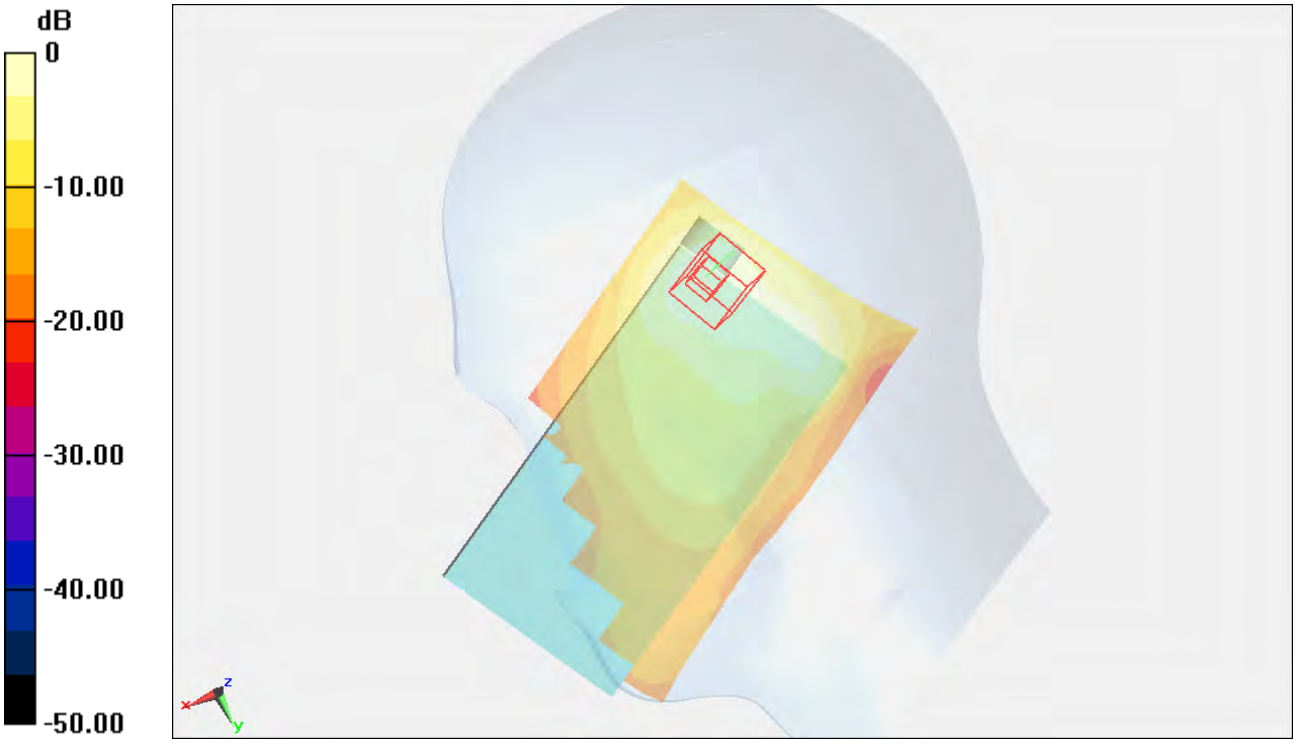
#208 WCDMA II_RMC12.2K_Right Tilted_Ch9262_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used : f = 1852.4 MHz; σ = 1.404 mho/m; ε_r = 38.781; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.658 mW/g
Maximum value of SAR (interpolated) = 2.25 mW/g



0 dB = 2.25 mW/g = 7.04 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#208 WCDMA II_RMC12.2K_Right Tilted_Ch9262_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120702 Medium parameters used: f = 1852.4 MHz; σ = 1.404 mho/m; ε_r = 38.781; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

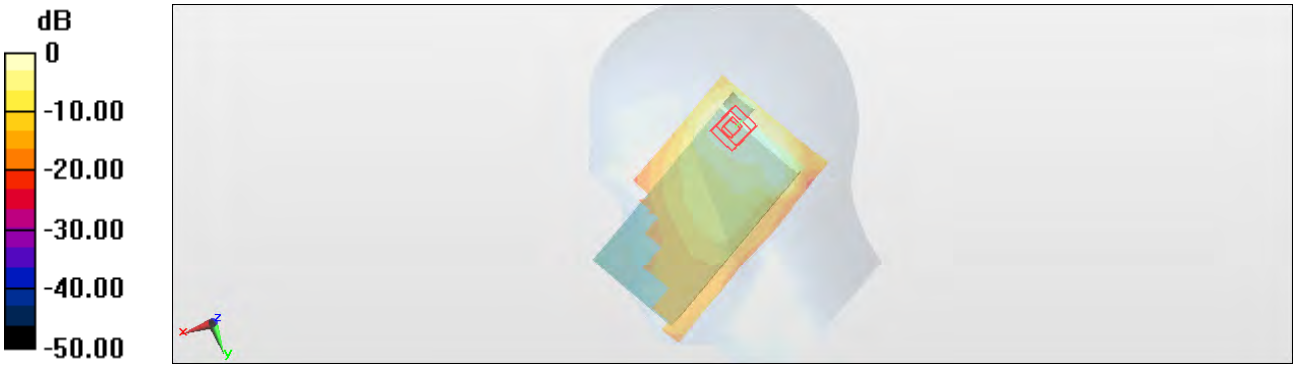
#214 WLAN5G_ 802.11a_Right Tilted_Ch140_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5700 MHz; σ = 5.282 mho/m; ε_r = 34.424; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.643 mW/g
Maximum value of SAR (interpolated) = 2.03 mW/g



0 dB = 2.03 mW/g = 6.15 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#215 WLAN5G_ 802.11a_Right Tilted_Ch104_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5520 MHz; σ = 5.103 mho/m; ε_r = 34.799; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

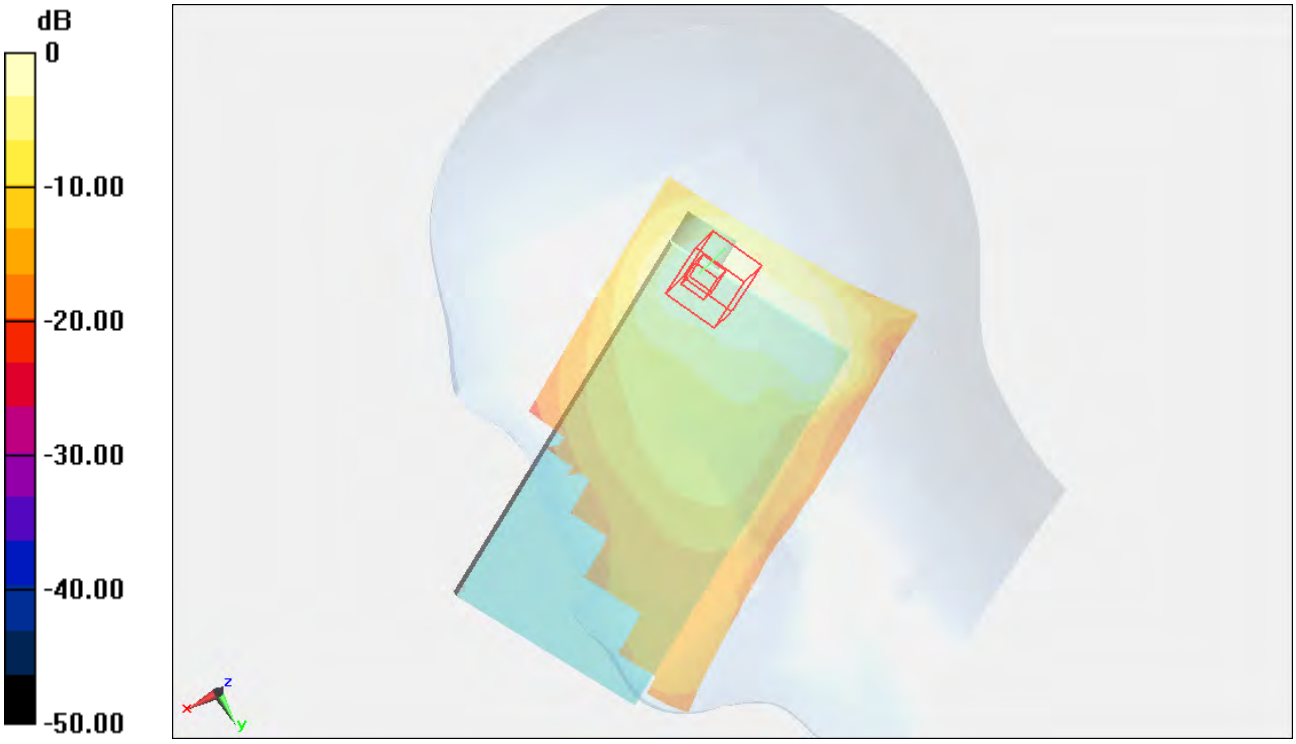
#208 WCDMA II_RMC12.2K_Right Tilted_Ch9262_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120702 Medium parameters used: f = 1852.4 MHz; σ = 1.404 mho/m; ε_r = 38.781; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.660 mW/g
Maximum value of SAR (interpolated) = 2.20 mW/g



0 dB = 2.20 mW/g = 6.85 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#216 WLAN5G_ 802.11a_Right Tilted_Ch116_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5580 MHz; σ = 5.159 mho/m; ε_r = 34.655; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- ¿ Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- ¿ Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

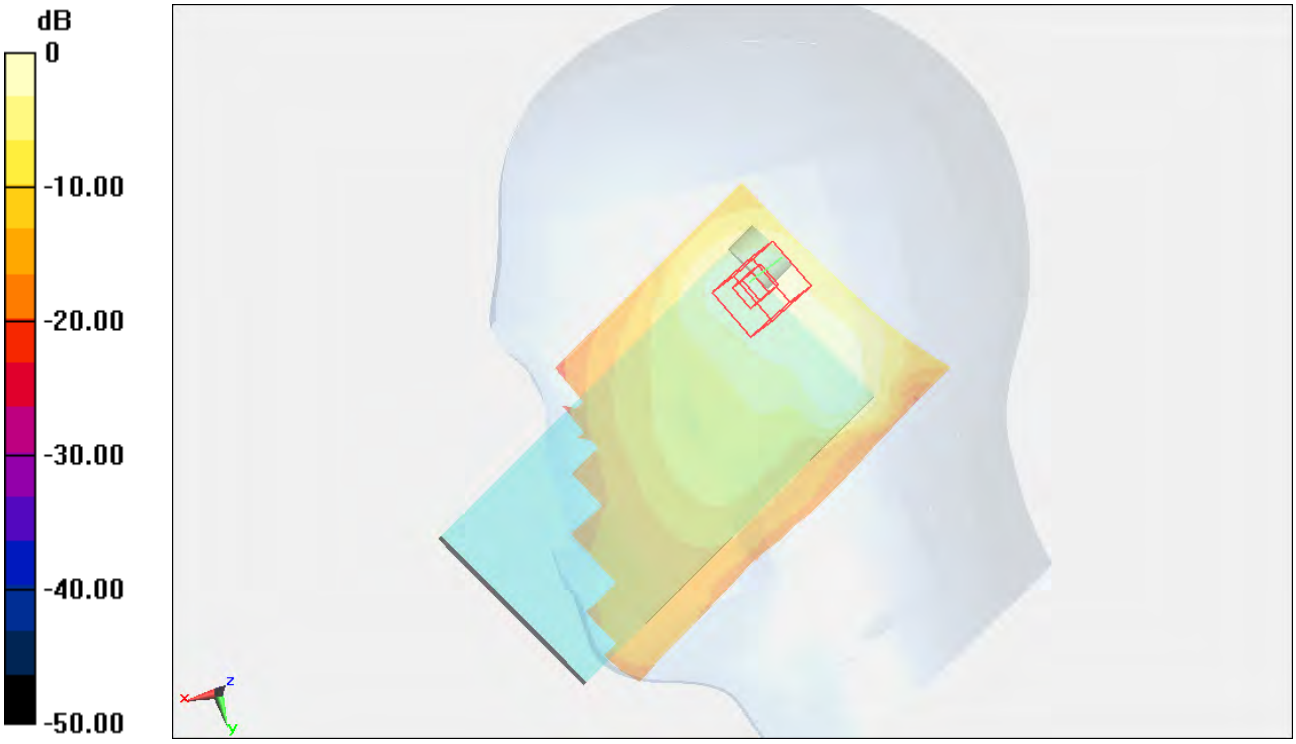
#208 WCDMA II_RMC12.2K_Right Tilted_Ch9262_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1852.4 MHz; σ = 1.404 mho/m; ε_r = 38.781; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- ¿ Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- ¿ Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.675 mW/g
Maximum value of SAR (interpolated) = 2.23 mW/g



0 dB = 2.23 mW/g = 6.97 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#217 WLAN5G_ 802.11a_Right Tilted_Ch161_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

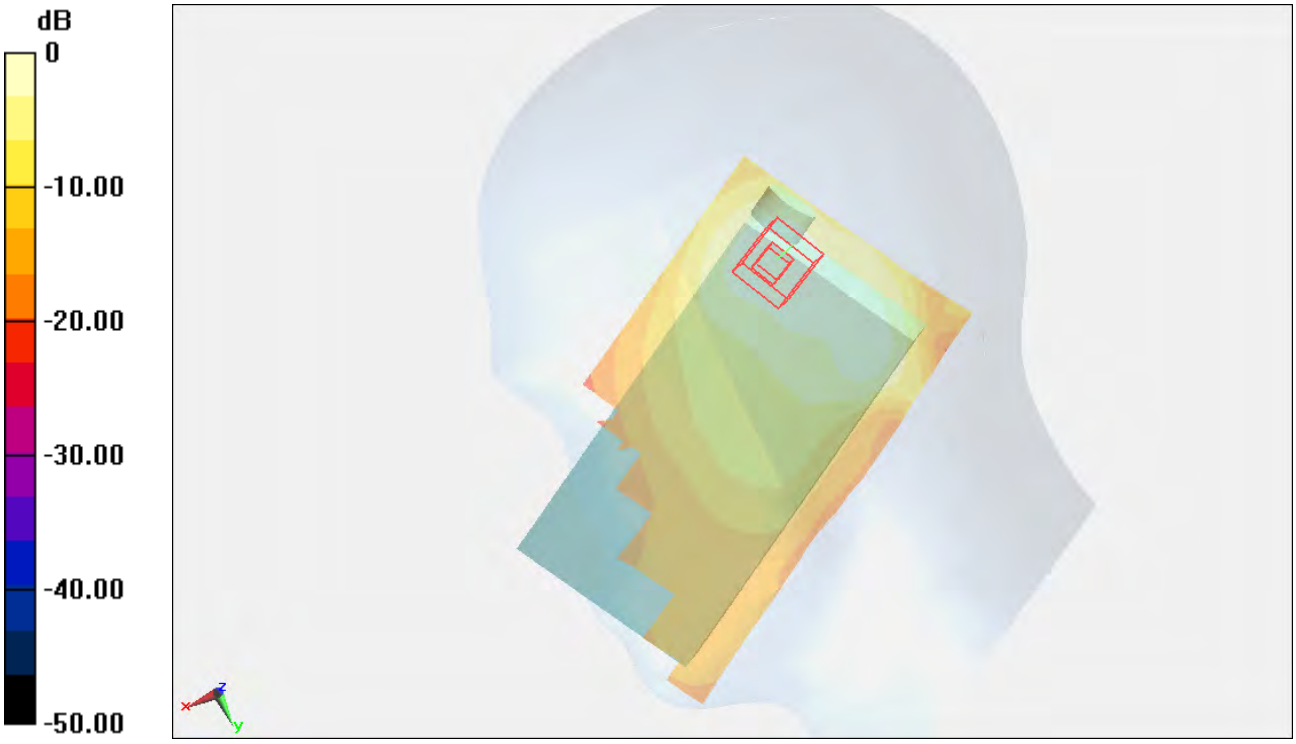
#208 WCDMA II_RMC12.2K_Right Tilted_Ch9262_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1852.4 MHz; σ = 1.404 mho/m; ε_r = 38.781; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.660 mW/g
Maximum value of SAR (interpolated) = 2.09 mW/g



0 dB = 2.09 mW/g = 6.40 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#218 WLAN5G_ 802.11a_Right Tilted_Ch149_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5745 MHz; σ = 5.336 mho/m; ε_r = 34.403; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

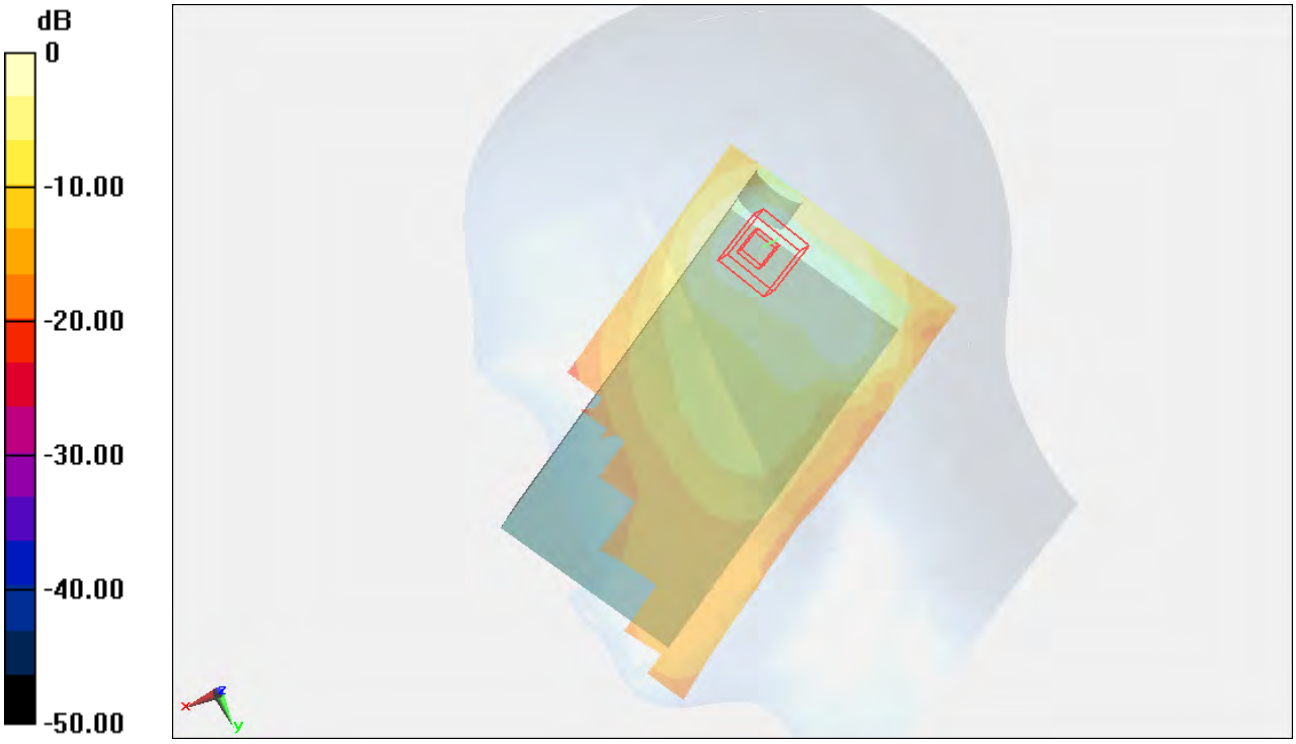
#208 WCDMA II_RMC12.2K_Right Tilted_Ch9262_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1852.4 MHz; σ = 1.404 mho/m; ε_r = 38.781; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.670 mW/g
Maximum value of SAR (interpolated) = 2.13 mW/g



0 dB = 2.13 mW/g = 6.57 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#209 WCDMA II_RMC12.2K_Right Tilted_Ch9538_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120702 Medium parameters used: f = 1908 MHz; σ = 1.457 mho/m; ε_r = 38.278; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

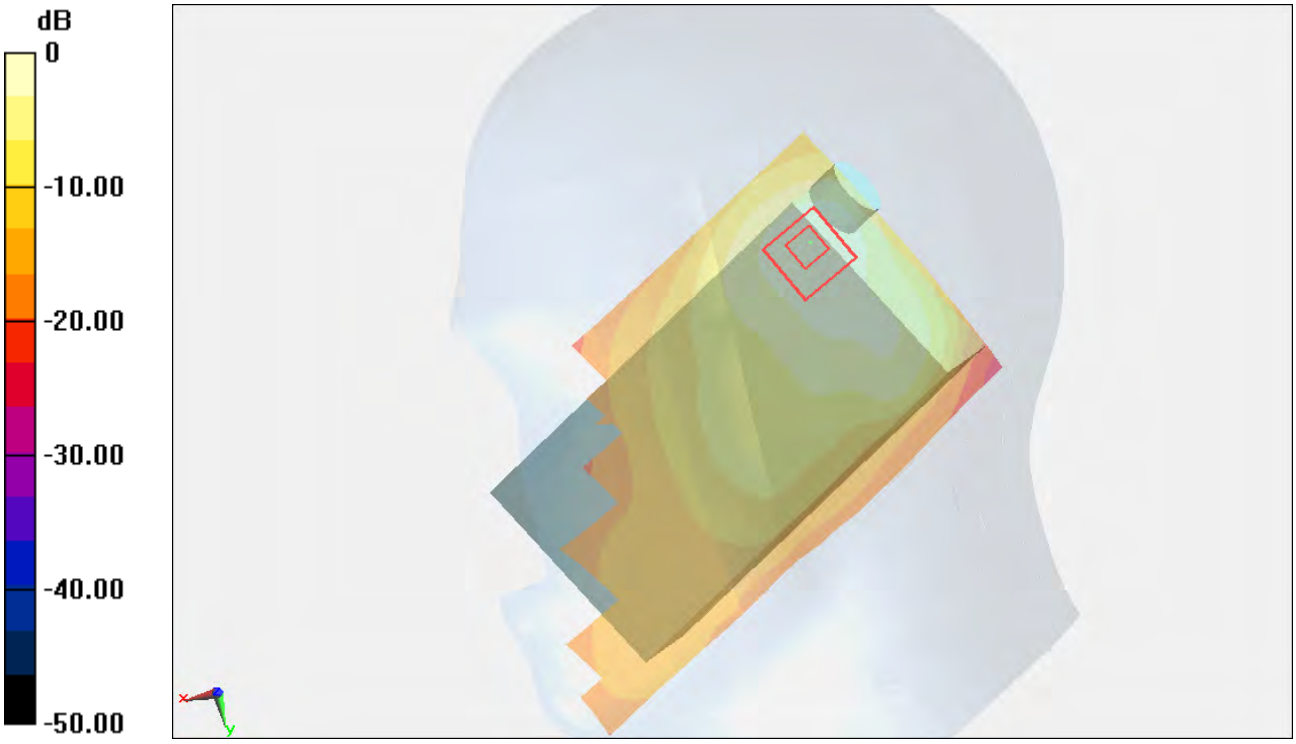
#210 WLAN5G_ 802.11a_Right Tilted_Ch44_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5220 MHz; σ = 4.8 mho/m; ε_r = 35.291; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.732 mW/g
Maximum value of SAR (interpolated) = 2.38 mW/g



0 dB = 2.38 mW/g = 7.53 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#209 WCDMA II_RMC12.2K_Right Tilted_Ch9538_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120702 Medium parameters used: f = 1908 MHz; σ = 1.457 mho/m; ε_r = 38.278; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

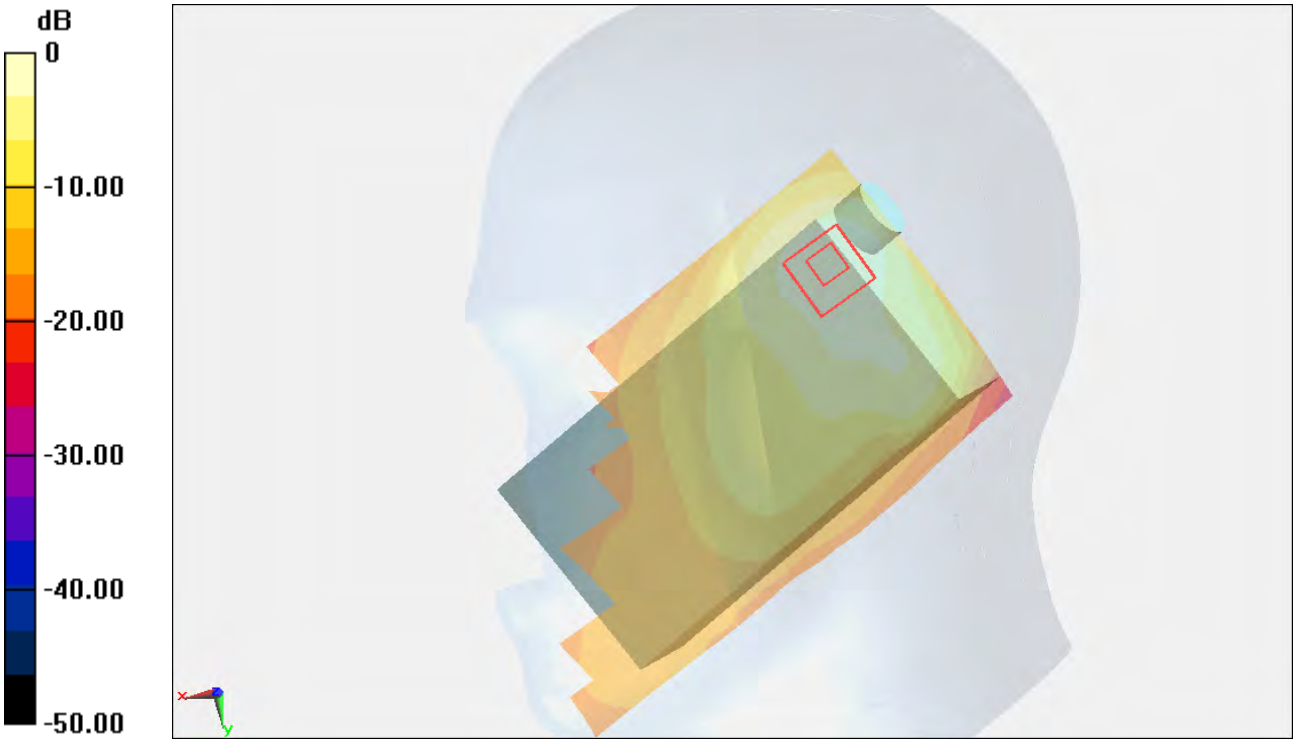
#211 WLAN5G_ 802.11a_Right Tilted_Ch36_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used: f = 5180 MHz; σ = 4.755 mho/m; ε_r = 35.351; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.721 mW/g
Maximum value of SAR (interpolated) = 2.26 mW/g



0 dB = 2.26 mW/g = 7.08 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#212 WLAN5G_ 802.11a_Right Tilted_Ch52_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5260 MHz; σ = 4.842 mho/m; ε_r = 35.242; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#209 WCDMA II_RMC12.2K_Right Tilted_Ch9538_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1908 MHz; σ = 1.457 mho/m; ε_r = 38.278; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.754 mW/g
Maximum value of SAR (interpolated) = 2.59 mW/g

0 dB = 2.59 mW/g = 8.27 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#213 WLAN5G_ 802.11a_Right Tilted_Ch64_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5320 MHz; σ = 4.896 mho/m; ε_r = 35.115; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

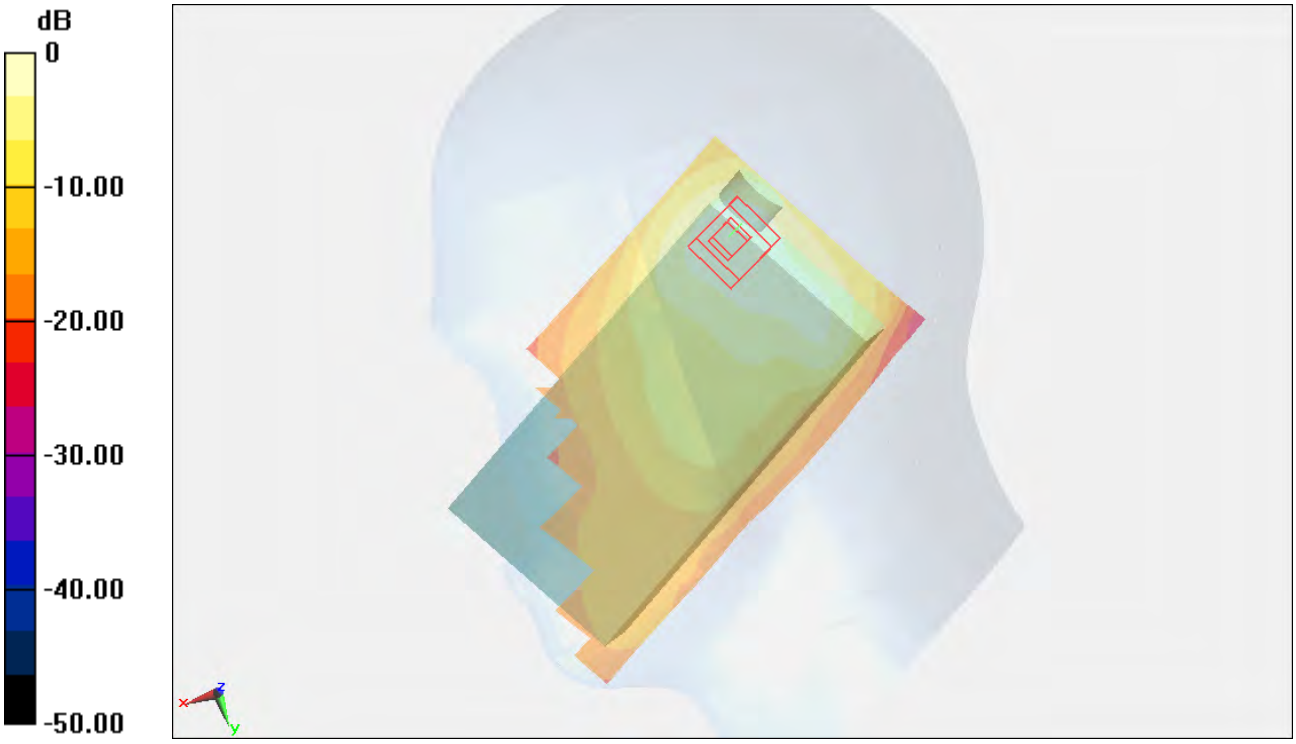
#209 WCDMA II_RMC12.2K_Right Tilted_Ch9538_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1908 MHz; σ = 1.457 mho/m; ε_r = 38.278; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.752 mW/g
Maximum value of SAR (interpolated) = 2.57 mW/g



0 dB = 2.57 mW/g = 8.20 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#209 WCDMA II_RMC12.2K_Right Tilted_Ch9538_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1908 MHz; σ = 1.457 mho/m; ε_r = 38.278; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#214 WLAN5G_ 802.11a_Right Tilted_Ch140_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5700 MHz; σ = 5.282 mho/m; ε_r = 34.424; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.736 mW/g
Maximum value of SAR (interpolated) = 2.32 mW/g

0 dB = 2.32 mW/g = 7.31 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#215 WLAN5G_ 802.11a_Right Tilted_Ch104_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5520 MHz; σ = 5.103 mho/m; ε_r = 34.799; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

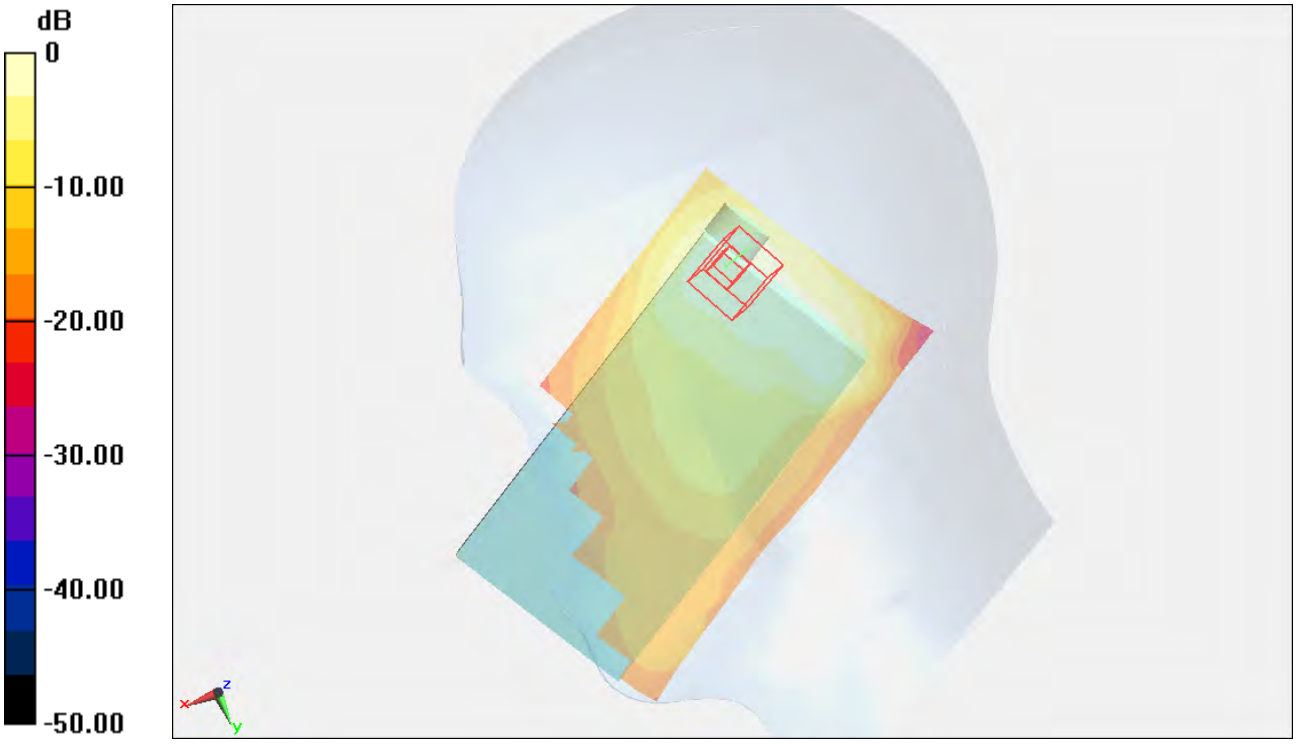
#209 WCDMA II_RMC12.2K_Right Tilted_Ch9538_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1908 MHz; σ = 1.457 mho/m; ε_r = 38.278; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.752 mW/g
Maximum value of SAR (interpolated) = 2.52 mW/g



0 dB = 2.52 mW/g = 8.03 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#209 WCDMA II_RMC12.2K_Right Tilted_Ch9538_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1908 MHz; σ = 1.457 mho/m; ε_r = 38.278; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#216 WLAN5G_ 802.11a_Right Tilted_Ch116_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5580 MHz; σ = 5.159 mho/m; ε_r = 34.655; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.767 mW/g
Maximum value of SAR (interpolated) = 2.55 mW/g

0 dB = 2.55 mW/g = 8.13 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#217 WLAN5G_ 802.11a_Right Tilted_Ch161_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1
Medium: HSL_5G_120630 Medium parameters used: f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

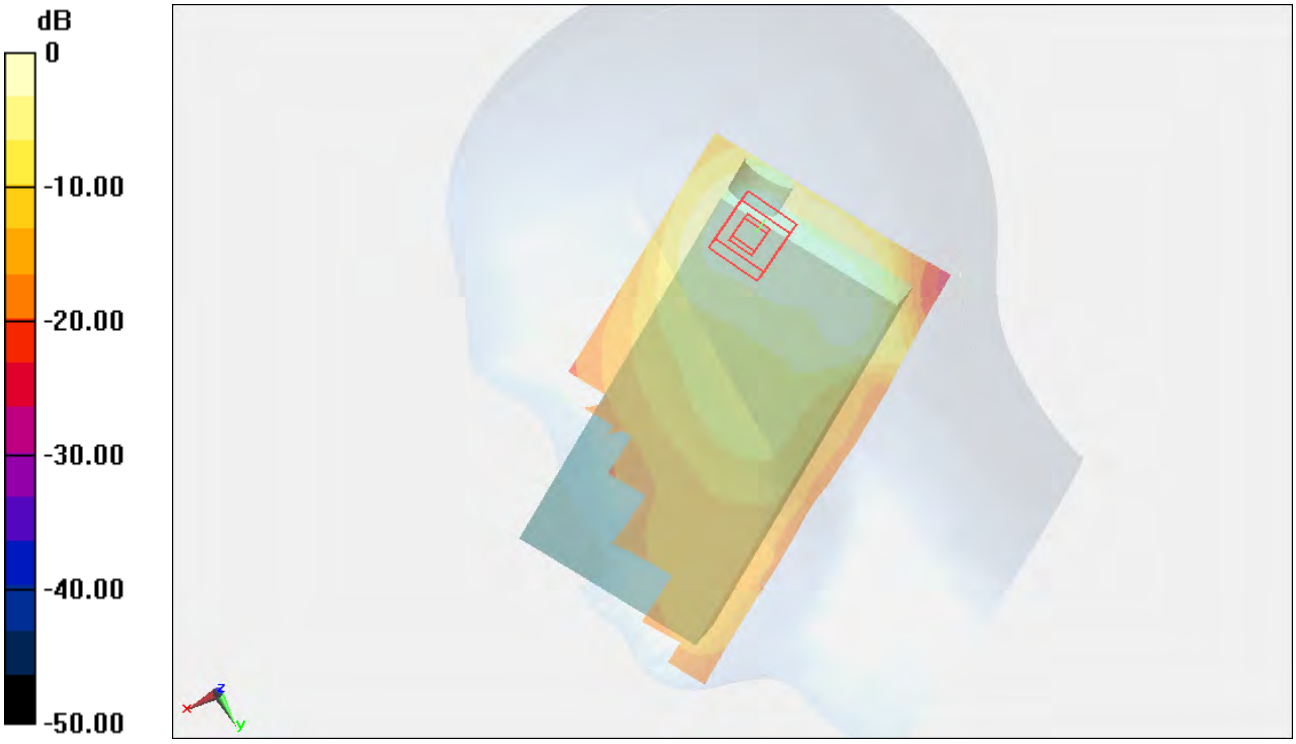
#209 WCDMA II_RMC12.2K_Right Tilted_Ch9538_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1908 MHz; σ = 1.457 mho/m; ε_r = 38.278; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.751 mW/g
Maximum value of SAR (interpolated) = 2.37 mW/g



0 dB = 2.37 mW/g = 7.49 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#218 WLAN5G_ 802.11a_Right Tilted_Ch149_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1;
Medium: HSL_5G_120630 Medium parameters used: f = 5745 MHz; σ = 5.336 mho/m; ε_r = 34.403; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/7/2

#209 WCDMA II_RMC12.2K_Right Tilted_Ch9538_Keypad1_Camera2_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120702 Medium parameters used: f = 1908 MHz; σ = 1.457 mho/m; ε_r = 38.278; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.761 mW/g
Maximum value of SAR (interpolated) = 2.45 mW/g

0 dB = 2.45 mW/g = 7.78 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#196 GSM850_Left Cheek_Ch251_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3; PMF: 2.88097
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.489; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date/Time: 2012/6/30

#198 WLAN5G_ 802.11a_Left Cheek_Ch161_Keypad1_Camera1_Volume

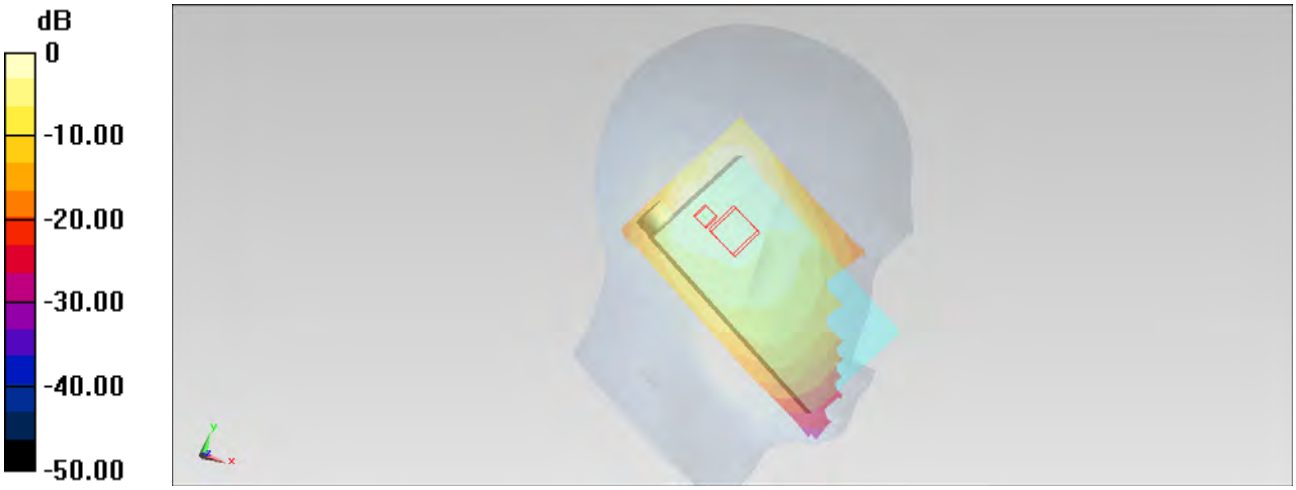
DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used : f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.716 mW/g
Maximum value of SAR (interpolated) = 1.89 mW/g



0 dB = 1.89 mW/g = 5.53 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#197 WCDMA V_RMC12.2K_Left Cheek_Ch4182_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_850_120630 Medium parameters used : f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.652; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#198 WLAN5G_ 802.11a_Left Cheek_Ch161_Keypad1_Camera1_Volume

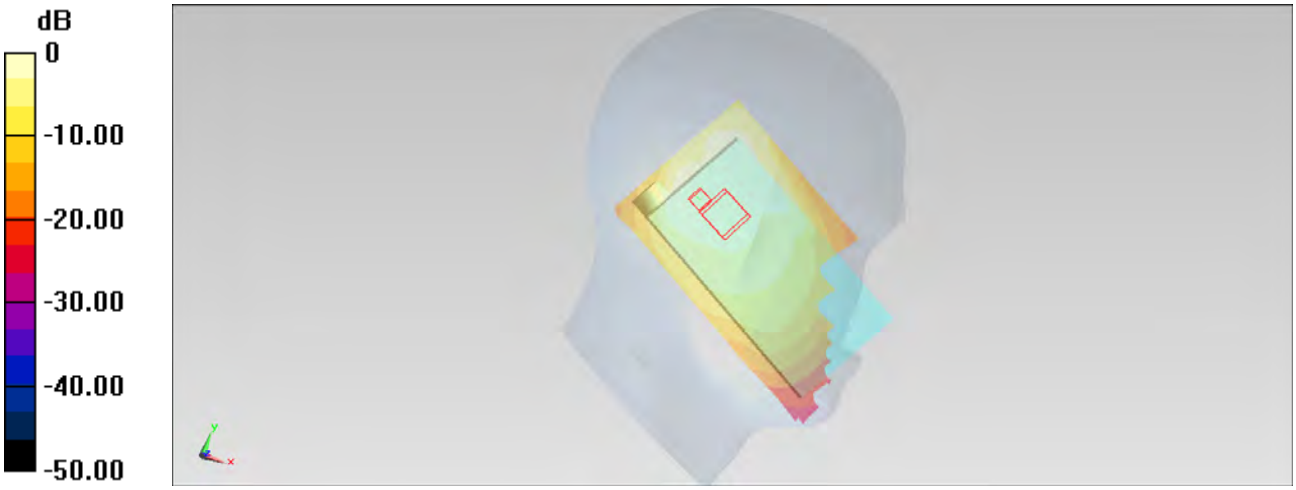
DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used : f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.817 mW/g
Maximum value of SAR (interpolated) = 2.04 mW/g



0 dB = 2.04 mW/g = 6.19 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#199 GSM850_Left Tilted_Ch251_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3; PMF: 2.88097
Medium: HSL_850_120630 Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.489; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#200 WLAN5G_ 802.11a_Left Tilted_Ch161_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used : f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.715 mW/g
Maximum value of SAR (interpolated) = 2.39 mW/g

0 dB = 2.39 mW/g = 7.57 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#220 WCDMA V_Left Tilted_Ch4182_Keypad1_Camera1_Volume

DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_850_120630 Medium parameters used : f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.652; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011/12/23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, Version 4.7 (80)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/6/30

#200 WLAN5G_ 802.11a_Left Tilted_Ch161_Keypad1_Camera1_Volume

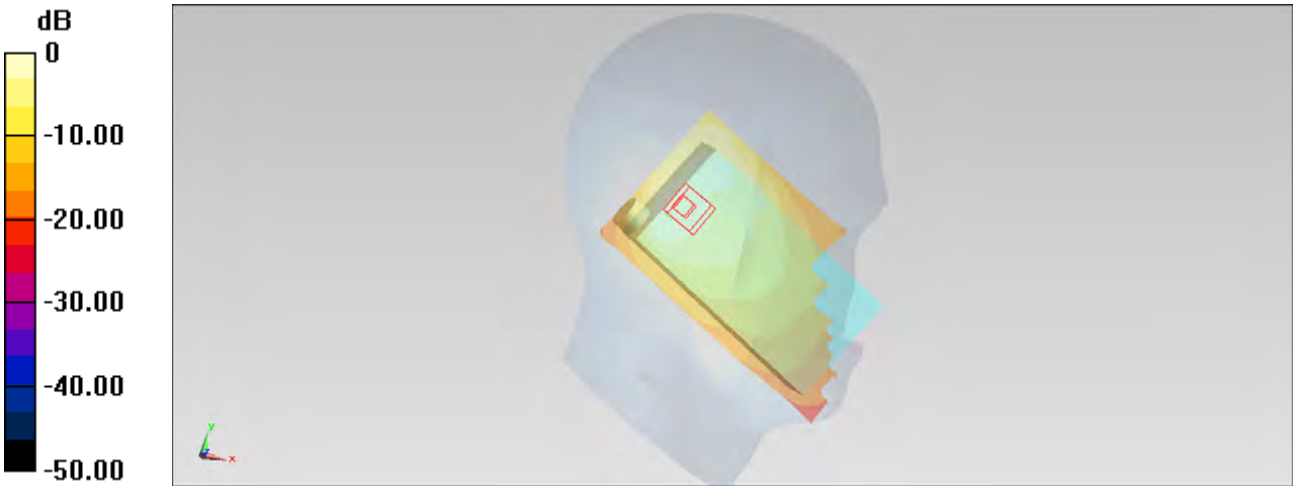
DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_5G_120630 Medium parameters used : f = 5805 MHz; σ = 5.373 mho/m; ε_r = 34.248; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, Version 4.7 (80)

Multi Band Result:

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.793 mW/g
Maximum value of SAR (interpolated) = 2.55 mW/g



0 dB = 2.55 mW/g = 8.13 dB mW/g