ANNEX D: Highest Graph Results

P01_GSM 850_GSM_Left Cheek_190   Date: 2019/8/6

DUT: EUT

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium: H850 Medium parameters used: f = 837 MHz; σ = 0.933 mho/m; ε_r = 42.9; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.12, 6.12, 6.12); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

Test/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm
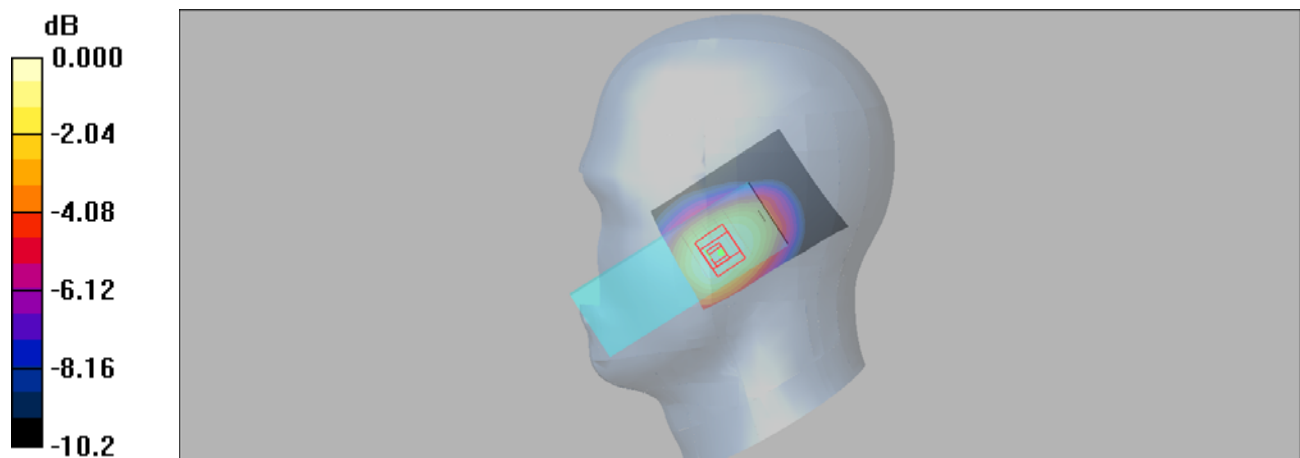Maximum value of SAR (interpolated) = 0.403 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.3 V/m; Power Drift = -0.047 dB
Peak SAR (extrapolated) = 0.428 W/kg
SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.251 mW/g
Maximum value of SAR (measured) = 0.385 mW/g

0 dB = 0.385mW/g

P02_GSM 1900_GSM_Left Cheek_810

DUT: EUT

Communication System: GSM1900; Frequency: 1909.8 MHz;Duty Cycle: 1:2.67
Medium: H1900 Medium parameters used: f = 1910 MHz; σ = 1.45 mho/m; ε_r = 41; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.06, 5.06, 5.06); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

Test/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
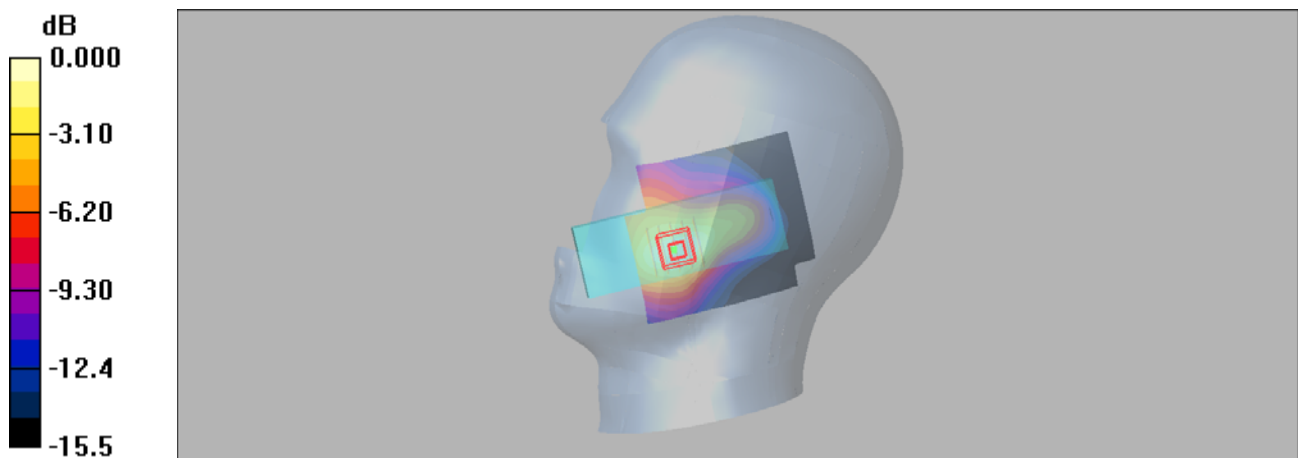Maximum value of SAR (interpolated) = 0.267 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.60 V/m; Power Drift = 0.173 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.257 mW/g

0 dB = 0.257mW/g

DUT: EUT

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium: B850 Medium parameters used: f = 837 MHz; σ = 0.993 mho/m; ε_r = 55.3; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.18, 6.18, 6.18); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

Test/Area Scan (61x51x1): Measurement grid: dx=15mm, dy=15mm
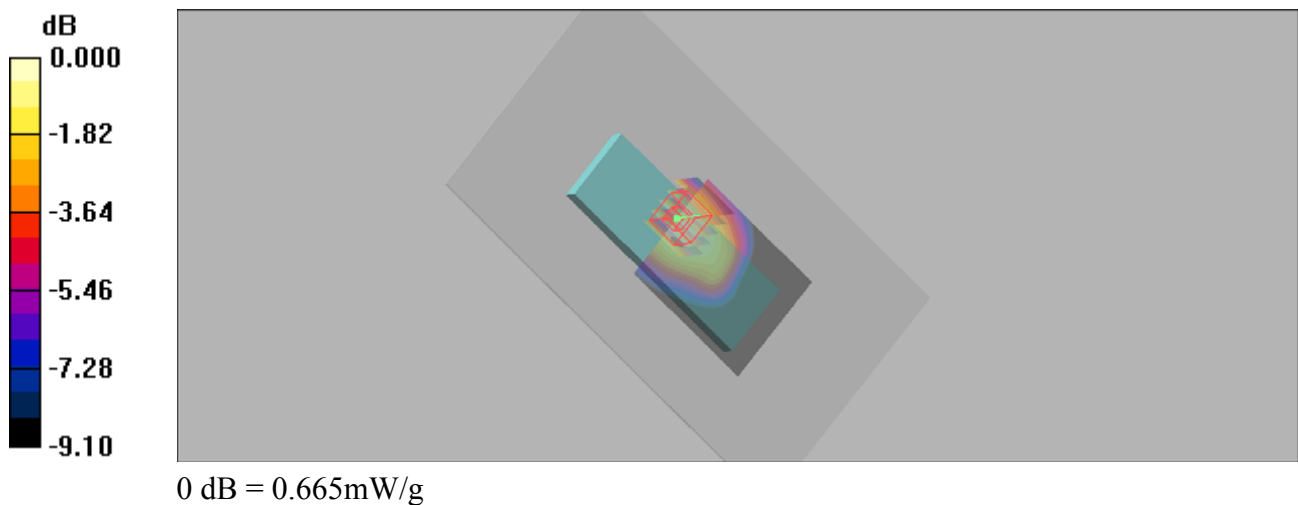Maximum value of SAR (interpolated) = 0.701 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.5 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 0.733 W/kg
SAR(1 g) = 0.601 mW/g; SAR(10 g) = 0.435 mW/g
Maximum value of SAR (measured) = 0.665 mW/g

0 dB = 0.665mW/g

P04_GSM 1900_GSM_Rear Face_10mm_810

DUT: EUT

Communication System: GSM1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: B1900 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(4.79, 4.79, 4.79); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

Test/Area Scan (81x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.346 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.58 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 0.408 W/kg
SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.188 mW/g
Maximum value of SAR (measured) = 0.333 mW/g

0 dB = 0.333mW/g