

P01_LTE 4_QPSK20M_Left Cheek_20300_1RB_0 Offset**DUT: EUT**

Communication System: LTE Band 4&20M; Frequency: 1745 MHz; Duty Cycle: 1:1

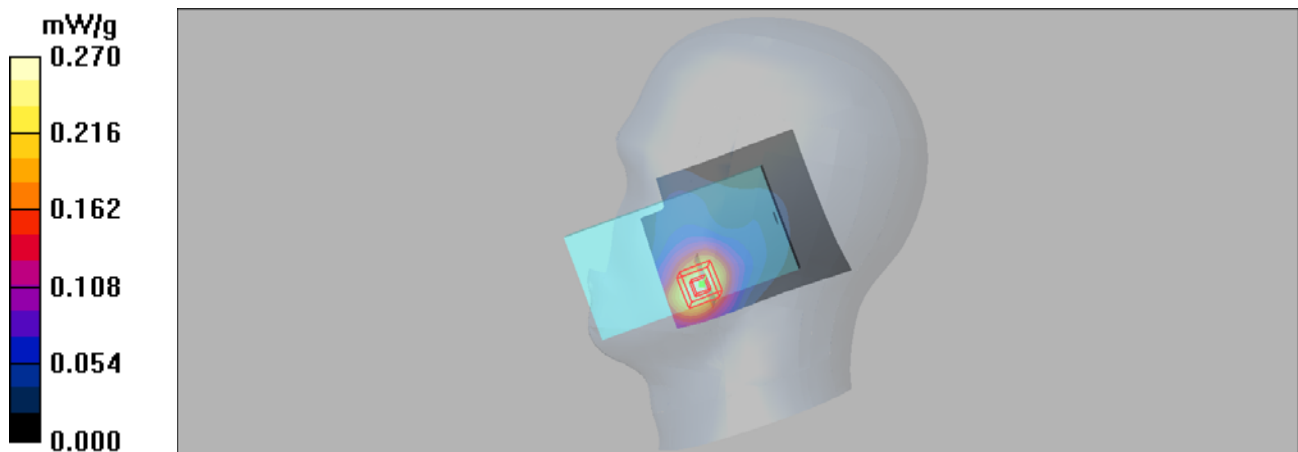
Medium: H1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.36, 5.36, 5.36); 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 (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.270 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.01 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 0.330 W/kg
SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.143 mW/g
Maximum value of SAR (measured) = 0.259 mW/g



P02_LTE 13_QPSK10M_Left Cheek_23230_1RB_49 Offset**DUT: EUT**

Communication System: LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: H750 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.939 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.22, 6.22, 6.22); 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 (51x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.342 mW/g

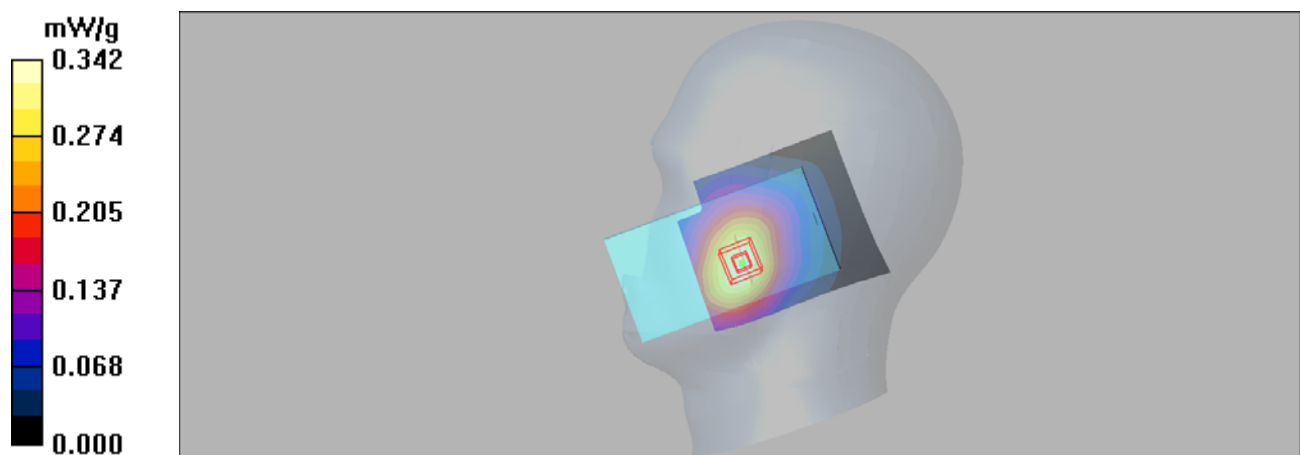
Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.23 V/m; Power Drift = 0.163 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.248 mW/g

Maximum value of SAR (measured) = 0.350 mW/g



P03_802.11b_Left Cheek_6**DUT: EUT**

Communication System: Wlan 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

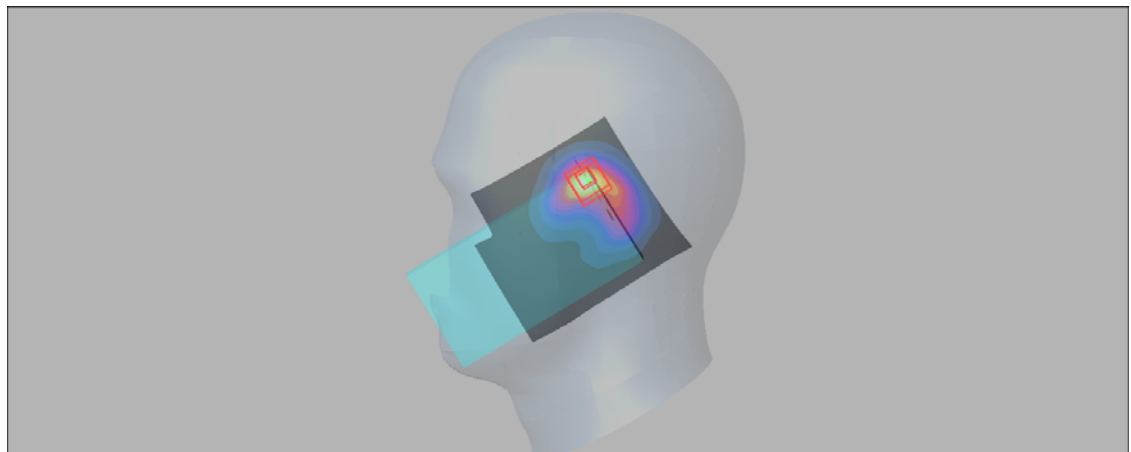
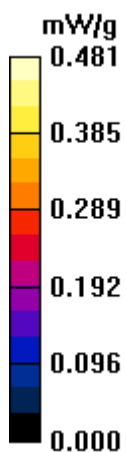
Medium: H2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.78$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.57, 4.57, 4.57); 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) = 0.481 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.923 W/kg
SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.425 mW/g



P04_LTE 4_QPSK20M_Bottom Side_10MM_20175_1RB_0 Offset**DUT: EUT**

Communication System: LTE Band 4&20M; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: H1750 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 40.7$;

$\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.36, 5.36, 5.36); 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 (51x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.932 mW/g

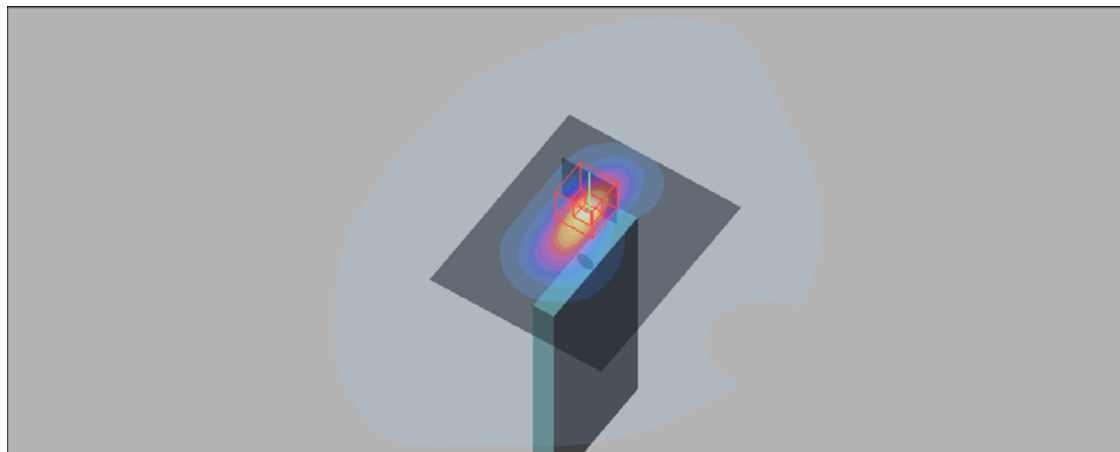
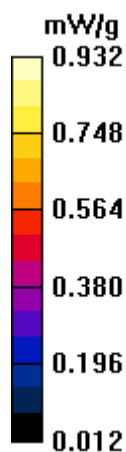
Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.377 mW/g

Maximum value of SAR (measured) = 0.927 mW/g



P05_LTE 13_QPSK10M_Rear Face_10MM_23230_1RB_49 Offset**DUT: EUT**

Communication System: LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: H750 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.939 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.22, 6.22, 6.22); 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 (51x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.546 mW/g

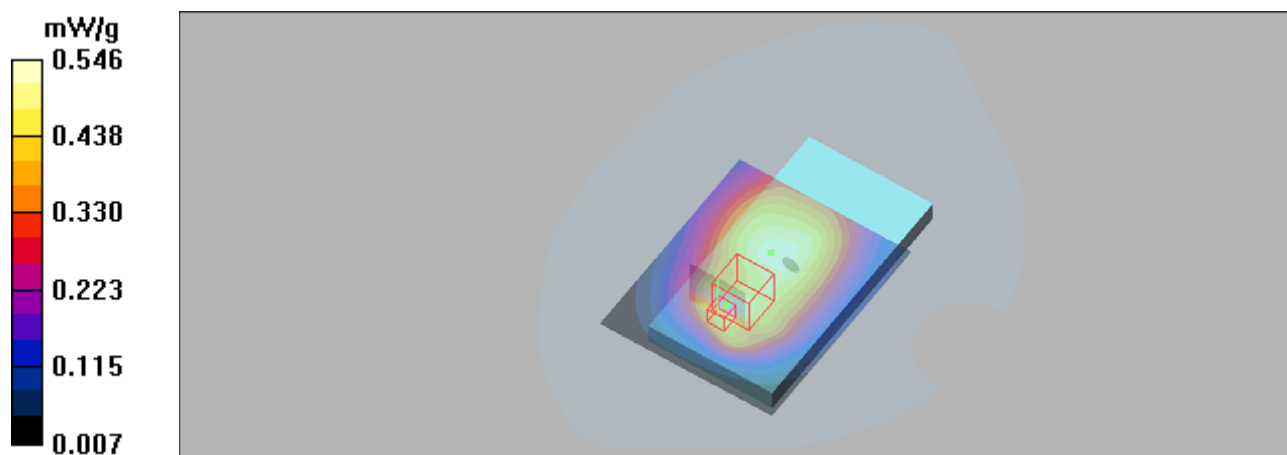
Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.5 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.788 W/kg

SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 0.548 mW/g



P06_802.11b_Rear Face_10MM_6**DUT: EUT**

Communication System: Wlan 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.78$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.57, 4.57, 4.57); 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) = 0.269 mW/g

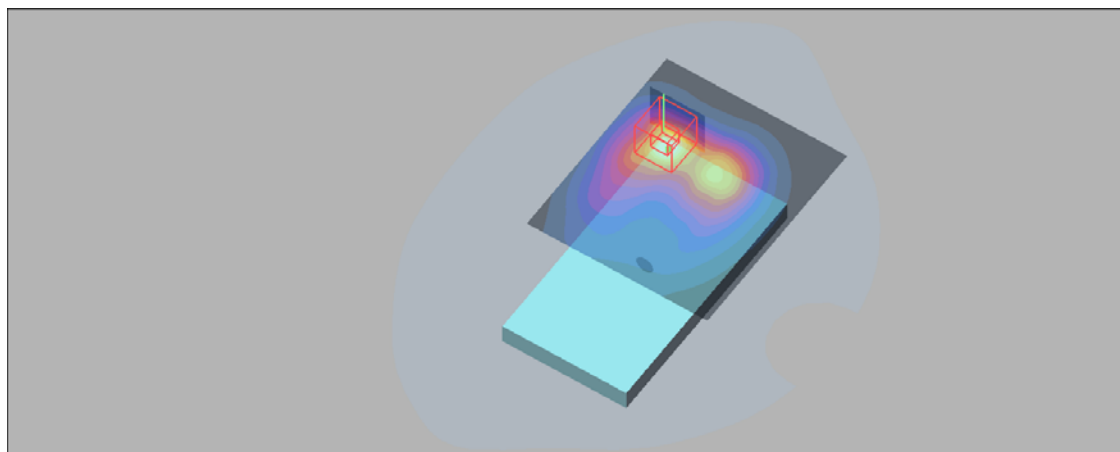
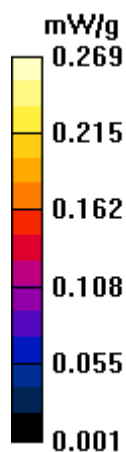
Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.30 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.509 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.272 mW/g



P07_LTE 4_QPSK20M_Rear Face_10MM_20300_1RB_0 Offset**DUT: EUT**

Communication System: LTE Band 4&20M; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: H1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.36, 5.36, 5.36); 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 (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.700 mW/g

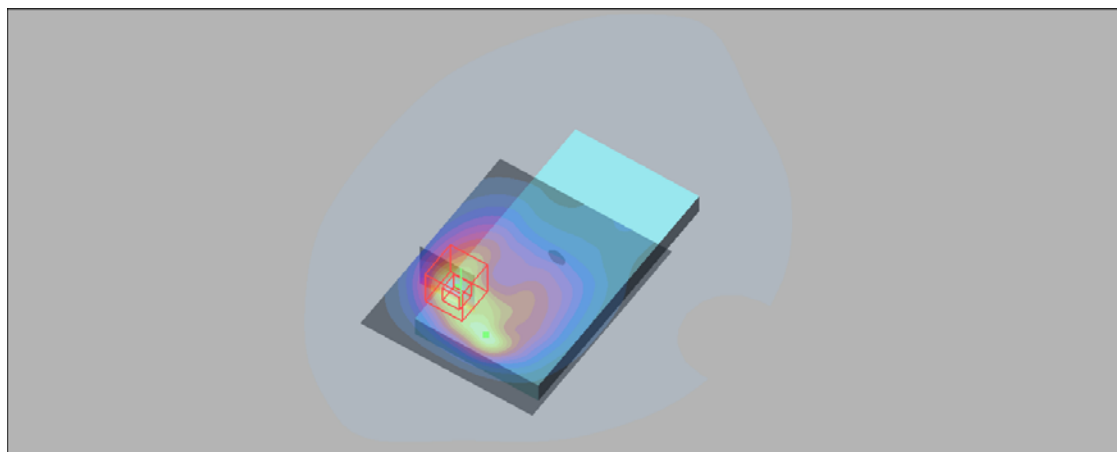
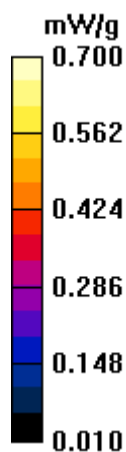
Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.604 mW/g; SAR(10 g) = 0.331 mW/g

Maximum value of SAR (measured) = 0.729 mW/g



P01 802.11a_Left Tilted_Ch36**DUT: EUT**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5180$ MHz; $\sigma = 4.671$ S/m; $\epsilon_r = 36.345$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(5.4, 5.4, 5.4) @ 5180 MHz; Calibrated: 6/27/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 6/18/2019
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

- Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.138 W/kg

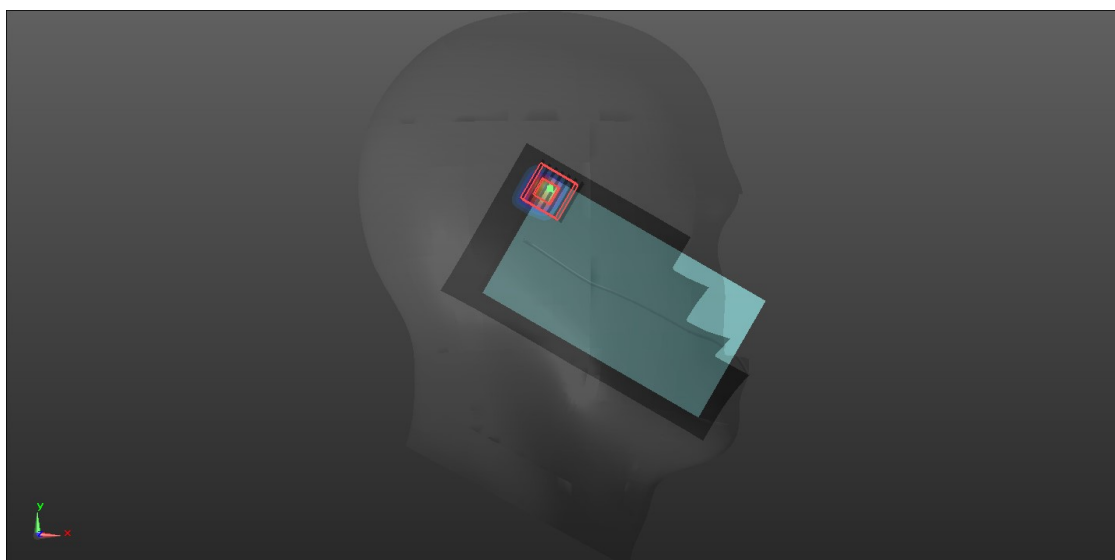
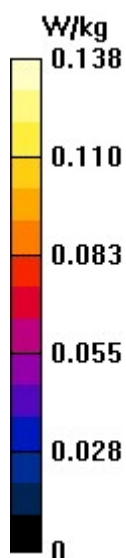
- Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.128 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.00874 W/kg

Maximum value of SAR (measured) = 0.109 W/kg



P02 802.11a_Left Tilted_Ch100**DUT: EUT**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5500$ MHz; $\sigma = 4.992$ S/m; $\epsilon_r = 35.883$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(4.92, 4.92, 4.92) @ 5500 MHz; Calibrated: 6/27/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 6/18/2019
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

- **Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.468 W/kg

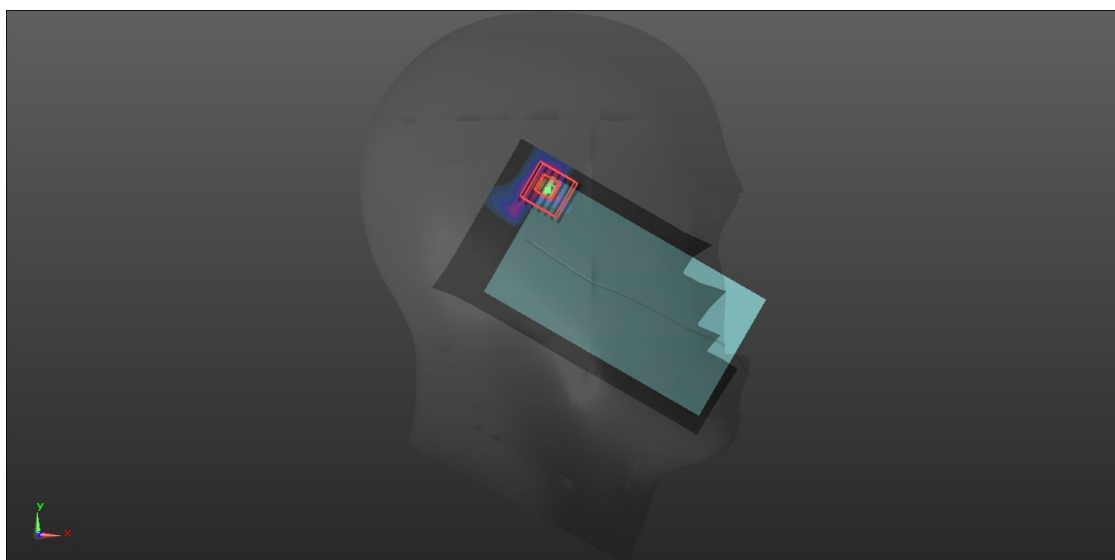
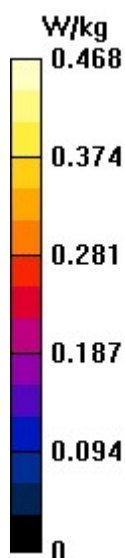
- **Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.760 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.590 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.354 W/kg



P03 802.11a_Left Cheek_Ch165**DUT: EUT**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5825$ MHz; $\sigma = 5.339$ S/m; $\epsilon_r = 35.415$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(5.05, 5.05, 5.05) @ 5825 MHz; Calibrated: 6/27/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 6/18/2019
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

- **Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.450 W/kg

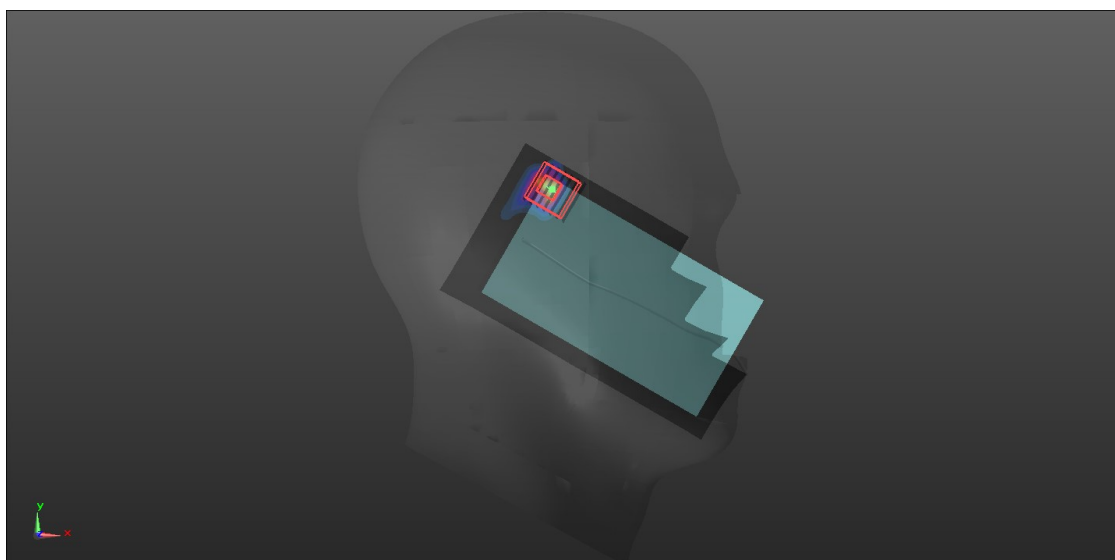
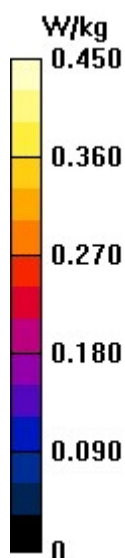
- **Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.724 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.815 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.456 W/kg



P04 802.11a_Rear Face_1cm_Ch36**DUT: EUT**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5180$ MHz; $\sigma = 4.671$ S/m; $\epsilon_r = 36.345$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(5.4, 5.4, 5.4) @ 5180 MHz; Calibrated: 6/27/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 6/18/2019
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

- **Area Scan (91x161x1):** Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.237 W/kg

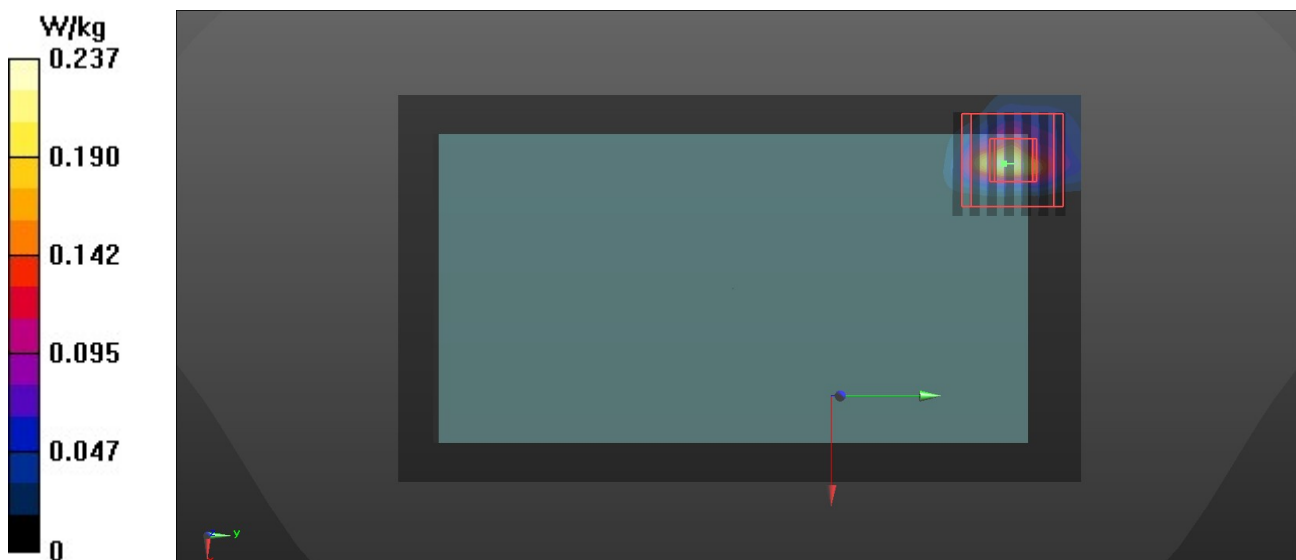
- **Zoom Scan (7x7x6)/Cube 0:** Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 0.021 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.147 W/kg



P05 802.11a_Rear Face_1cm_Ch100**DUT: EUT**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5500$ MHz; $\sigma = 4.992$ S/m; $\epsilon_r = 35.883$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(4.92, 4.92, 4.92) @ 5500 MHz; Calibrated: 6/27/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 6/18/2019
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

- **Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.620 W/kg

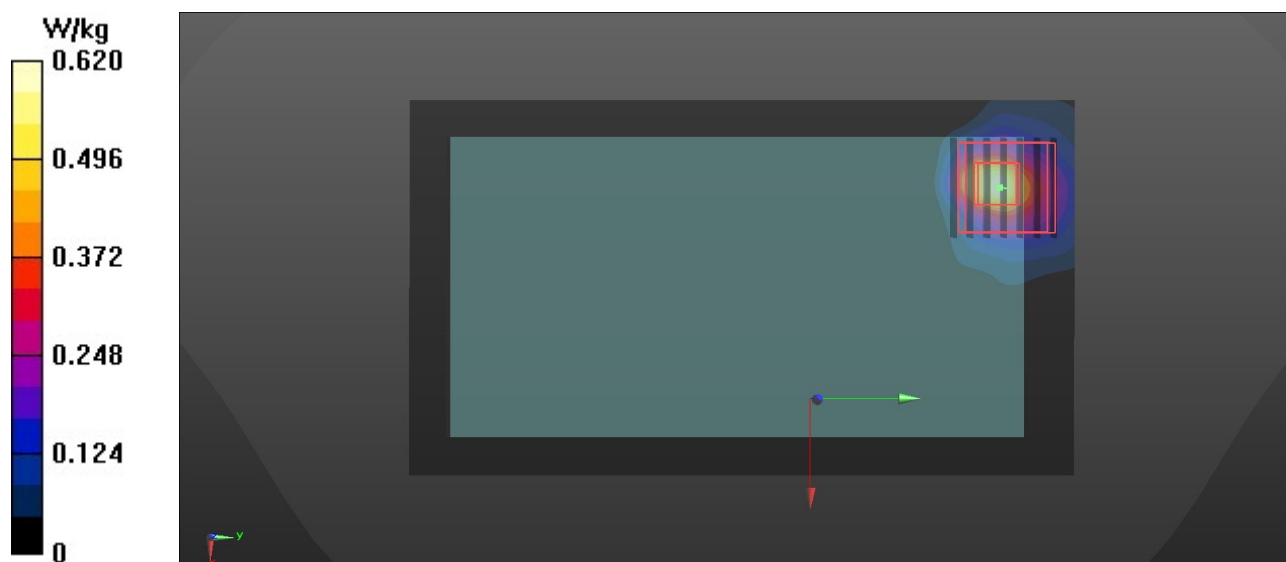
- **Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.341 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.920 W/kg

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.572 W/kg



P06 802.11a_Rear Face_1cm_Ch165**DUT: EUT**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5825$ MHz; $\sigma = 5.339$ S/m; $\epsilon_r = 35.415$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(5.05, 5.05, 5.05) @ 5825 MHz; Calibrated: 6/27/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 6/18/2019
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

- **Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.447 W/kg

- **Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.026 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.643 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.375 W/kg

