

DUT: FULL DUPLEX 900MHZ TRANSCEIVER-MASTER (TD 900 SERIES- M); Type: TD 900M;

Communication System: 900MHz FHSS Band; Frequency: 903 MHz; Duty Cycle: 1:42

Medium parameters used: $f = 903 \text{ MHz}$; $\sigma = 0.98 \text{ mho/m}$; $\epsilon_r = 41.75$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7431; ConvF(9.84, 9.84, 9.84); Calibrated: 04/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Cheek/FHSS Low/Area Scan (111x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.093 mW/g

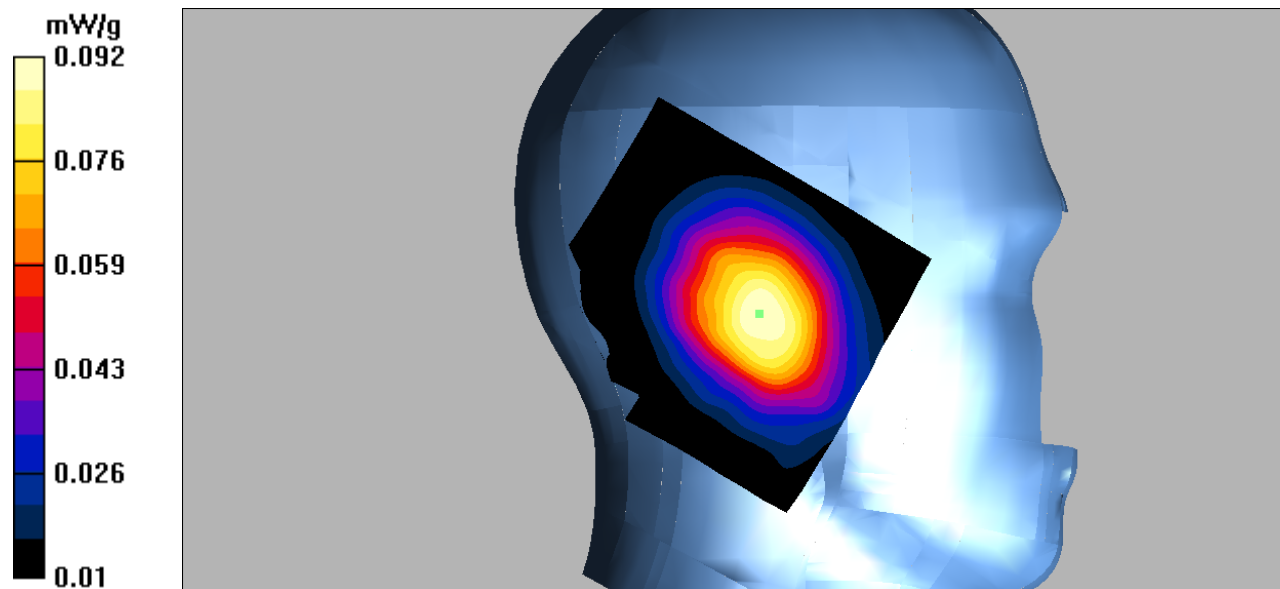
Left Cheek/FHSS Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.10 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.062 mW/g

Maximum value of SAR (measured) = 0.092 mW/g



DUT: FULL DUPLEX 900MHZ TRANSCEIVER-MASTER (TD 900 SERIES- M); Type: TD 900M;

Communication System: 900MHz FHSS Band; Frequency: 915 MHz; Duty Cycle: 1:42

Medium parameters used: $f = 915 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 41.85$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7431; ConvF(9.84, 9.84, 9.84); Calibrated: 04/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Cheek/FHSS Mid/Area Scan (111x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.070 mW/g

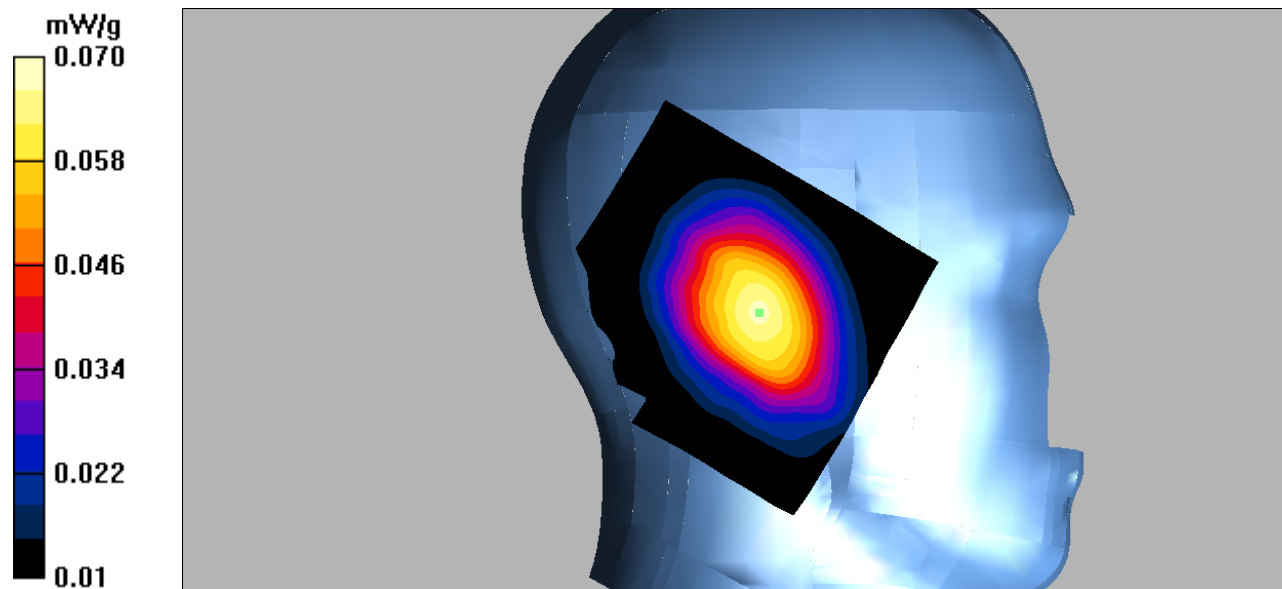
Left Cheek/FHSS Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.01 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 0.091 W/kg

SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.070 mW/g



DUT: FULL DUPLEX 900MHZ TRANSCEIVER-MASTER (TD 900 SERIES- M); Type: TD 900M;

Communication System: 900MHz FHSS Band; Frequency: 927 MHz; Duty Cycle: 1:42

Medium parameters used: $f = 927 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 41.25$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7431; ConvF(9.84, 9.84, 9.84); Calibrated: 04/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Cheek/FHSS High/Area Scan (111x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.061 mW/g

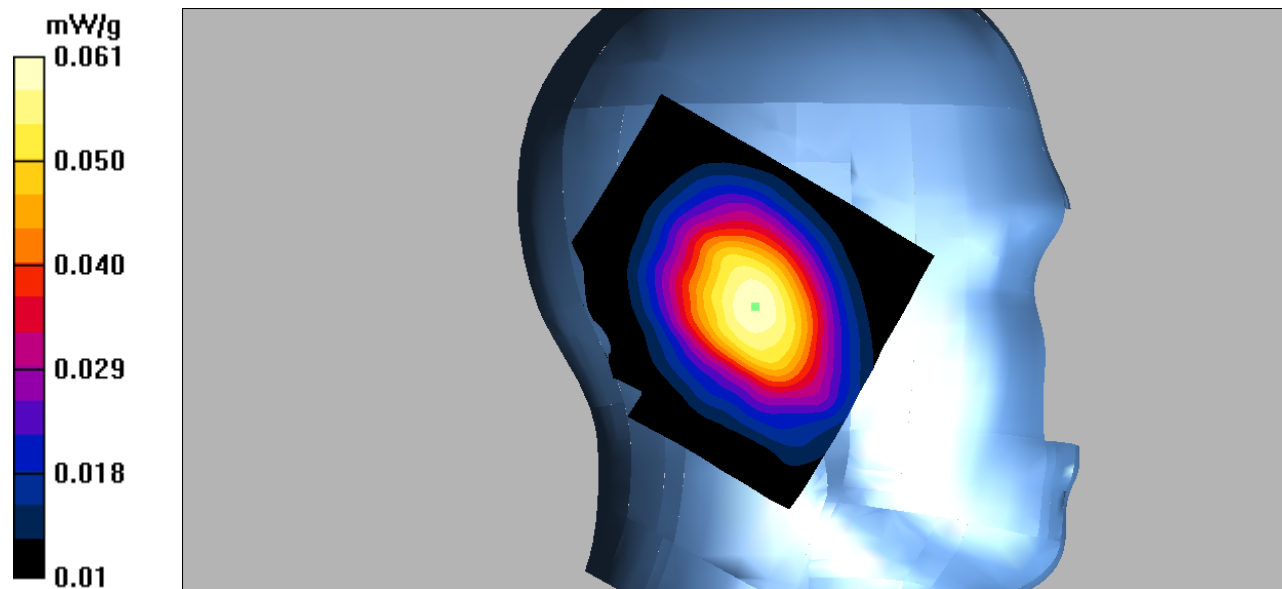
Left Cheek/FHSS High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.59 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 0.074 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.061 mW/g



DUT: FULL DUPLEX 900MHZ TRANSCEIVER-MASTER (TD 900 SERIES- M); Type: TD 900M;

Communication System: 900MHz FHSS Band; Frequency: 915 MHz; Duty Cycle: 1:42

Medium parameters used: $f = 915 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 41.81$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7431; ConvF(9.84, 9.84, 9.84); Calibrated: 04/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Cheek/FHSS Mid/Area Scan (111x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.061 mW/g

Right Cheek/FHSS Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.01 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.069 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.059 mW/g

