

DUT: FULL DUPLEX 900MHZ TRANSCEIVER-REMOTE (TD 900 SERIES-R); Type: TD 900R;

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: 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) = 0.071 mW/g

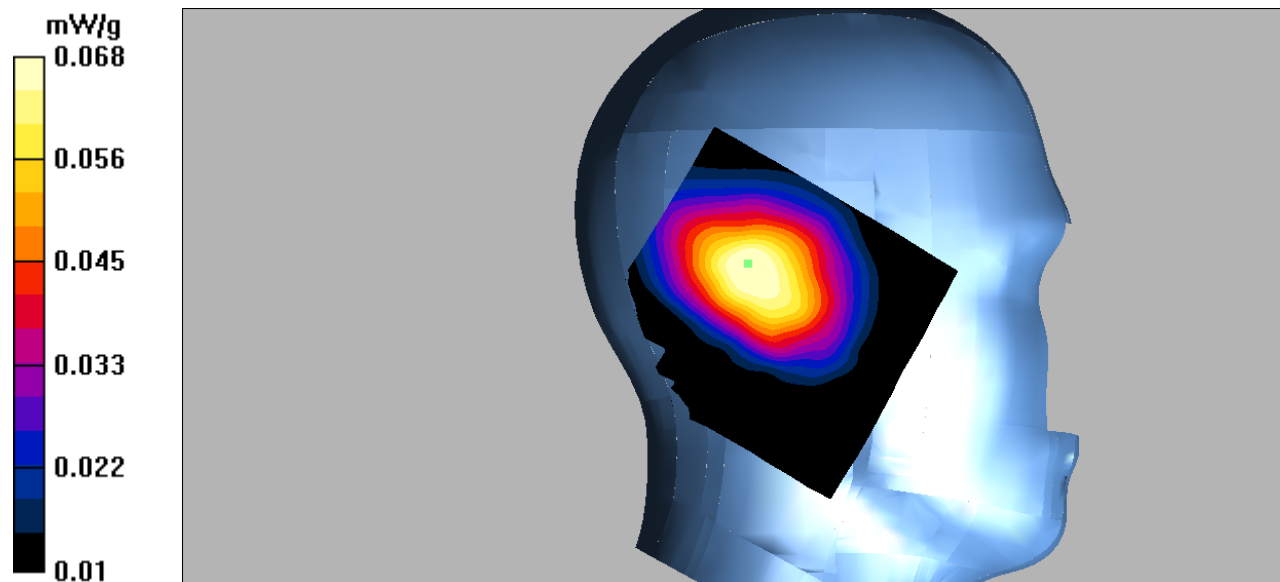
Left Cheek/FHSS Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.04 V/m ; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.065 mW/g ; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.068 mW/g



DUT: FULL DUPLEX 900MHZ TRANSCEIVER-REMOTE (TD 900 SERIES-R); Type: TD 900R;

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

Maximum value of SAR (interpolated) = 0.069 mW/g

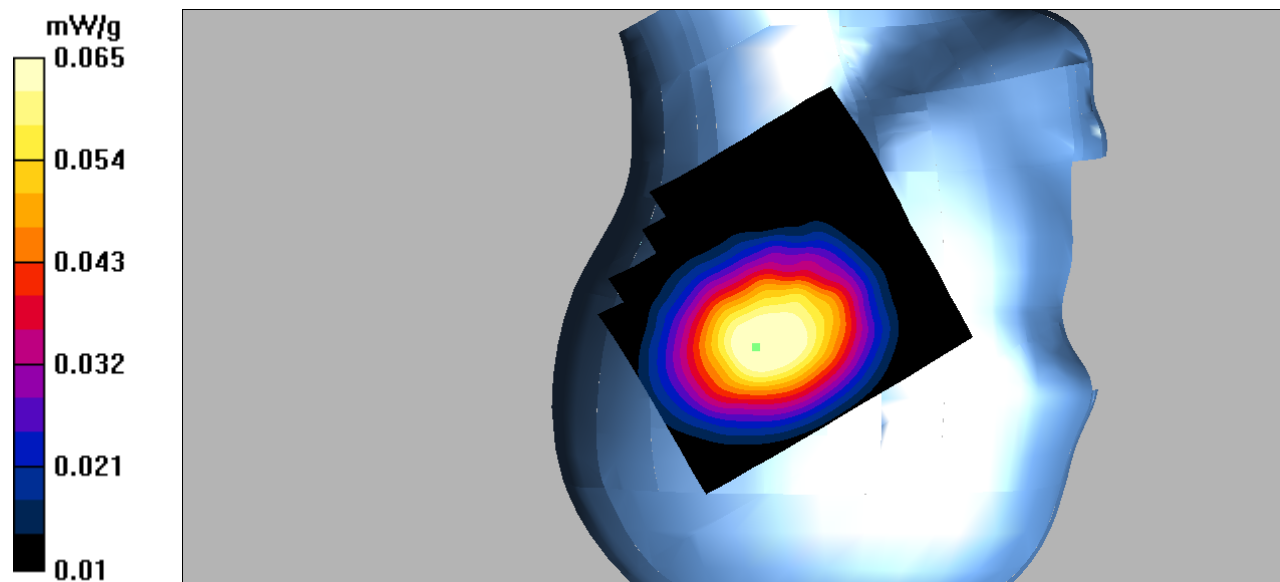
Right Cheek/FHSS Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.37 V/m; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.065 mW/g



DUT: FULL DUPLEX 900MHZ TRANSCEIVER-REMOTE (TD 900 SERIES-R); Type: TD 900R;

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: 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) = 0.072 mW/g

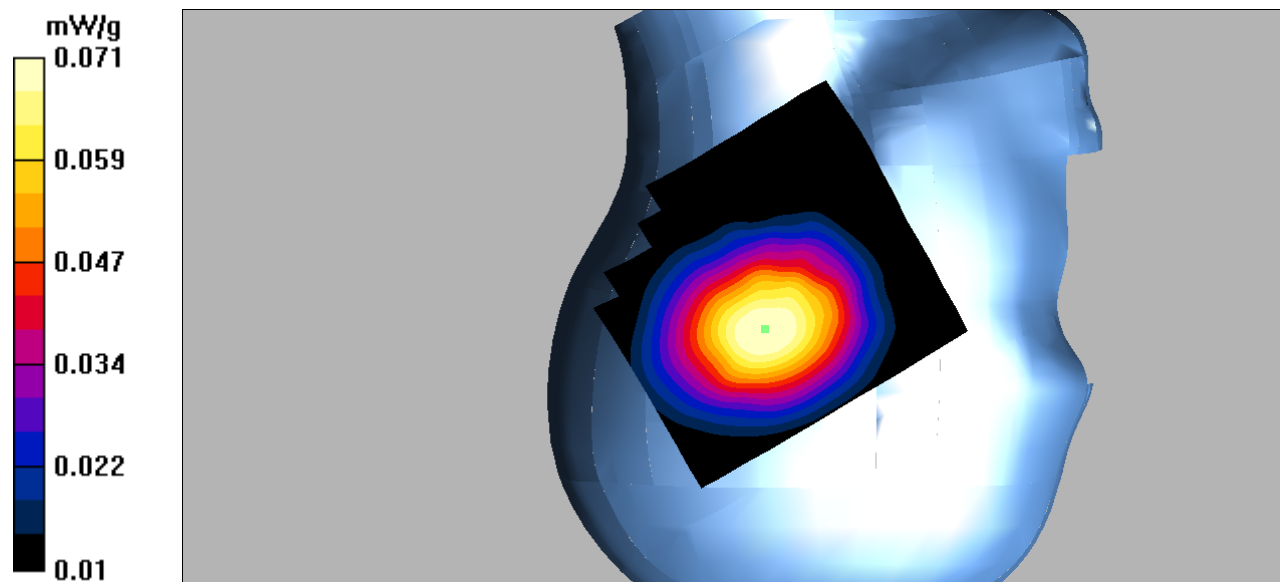
Right Cheek/FHSS Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.45 V/m ; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.085 W/kg

SAR(1 g) = 0.067 mW/g ; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.071 mW/g



DUT: FULL DUPLEX 900MHZ TRANSCEIVER-REMOTE (TD 900 SERIES-R); Type: TD 900R;

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

Medium parameters used: $f = 927$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 41.25$; $\rho = 1000$ kg/m³

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 High/Area Scan (111x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.074 mW/g

Right Cheek/FHSS High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.61 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 0.087 W/kg

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.073 mW/g

