

Test Plot 1#: DECT 1900_Head Left Cheek_Mid**DUT: RTX8431 DECT Handset; Type: RTX8431; Serial: 19101601121**

Communication System: DECT1900; Frequency: 1924.99 MHz; Duty Cycle: 1:22.4

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.912$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.29, 8.29, 8.29) @ 1924.99 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 2019/6/13
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0233 W/kg

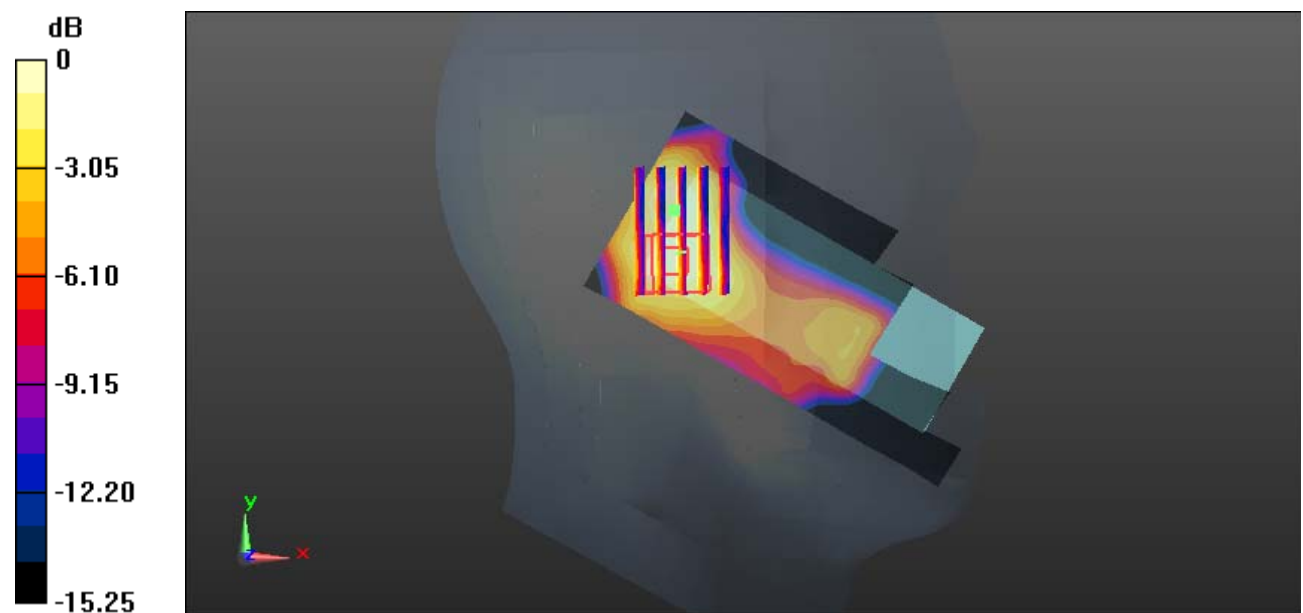
Zoom Scan (5x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.213 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0270 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00927 W/kg

Maximum value of SAR (measured) = 0.0214 W/kg



0 dB = 0.0214 W/kg = -16.70 dBW/kg

Test Plot 2#: DECT 1900_Head Left Tilt_Mid**DUT: RTX8431 DECT Handset; Type: RTX8431; Serial: 19101601121**

Communication System: DECT1900; Frequency: 1924.99 MHz; Duty Cycle: 1:22.4

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.912$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.29, 8.29, 8.29) @ 1924.99 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 2019/6/13
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0285 W/kg

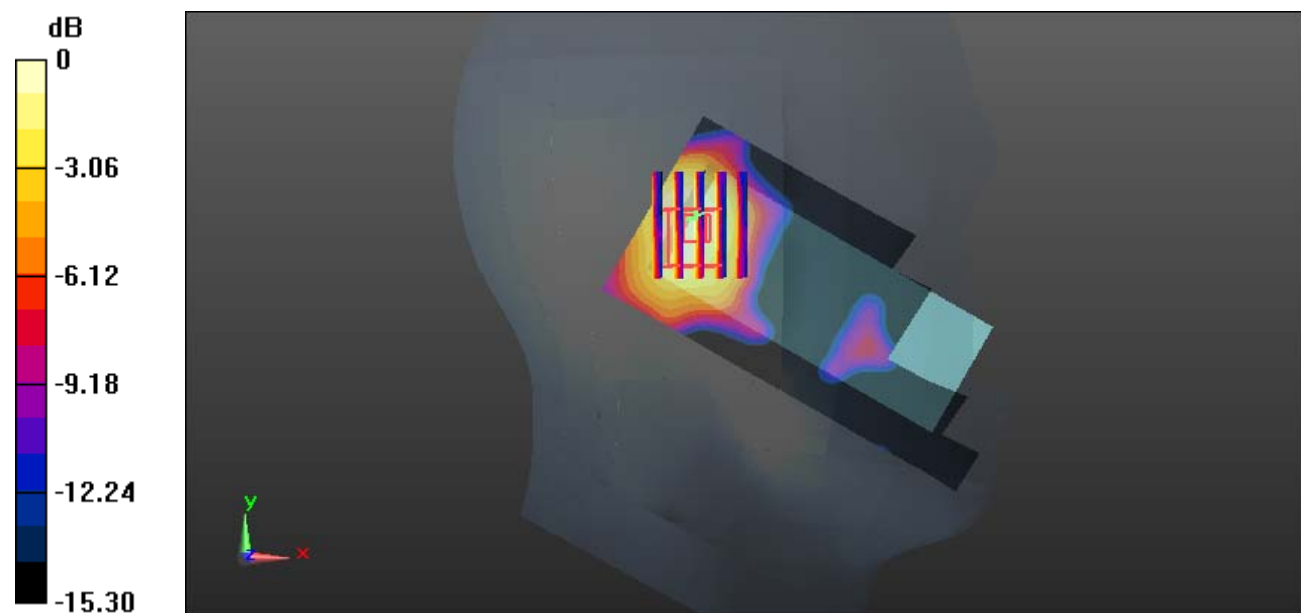
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.537 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0300 W/kg

SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00949 W/kg

Maximum value of SAR (measured) = 0.0253 W/kg



0 dB = 0.0253 W/kg = -15.97 dBW/kg

Test Plot 3#: DECT 1900_Head Right Cheek_Mid**DUT: RTX8431 DECT Handset; Type: RTX8431; Serial: 19101601121**

Communication System: DECT1900; Frequency: 1924.99 MHz; Duty Cycle: 1:22.4

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.912$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.29, 8.29, 8.29) @ 1924.99 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 2019/6/13
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0685 W/kg

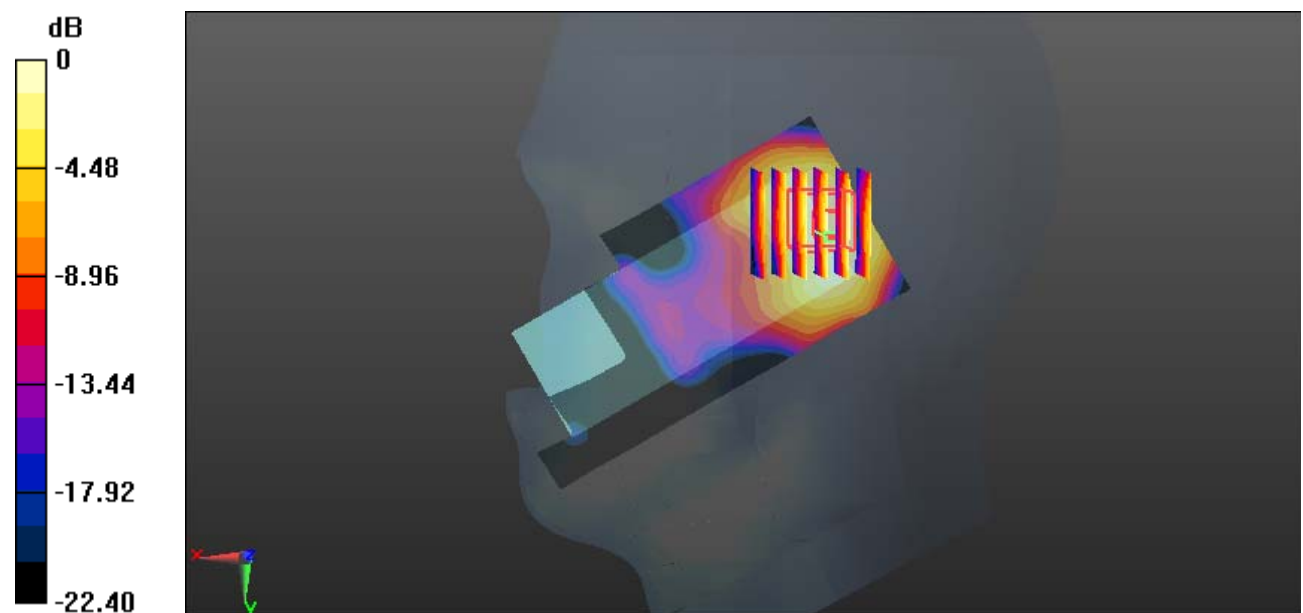
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.821 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0790 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0654 W/kg



0 dB = 0.0654 W/kg = -11.84 dBW/kg

Test Plot 4#: DECT 1900_Head Right Tilt_Mid**DUT: RTX8431 DECT Handset; Type: RTX8431; Serial: 19101601121**

Communication System: DECT1900; Frequency: 1924.99 MHz; Duty Cycle: 1:22.4

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.912$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.29, 8.29, 8.29) @ 1924.99 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 2019/6/13
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0568 W/kg

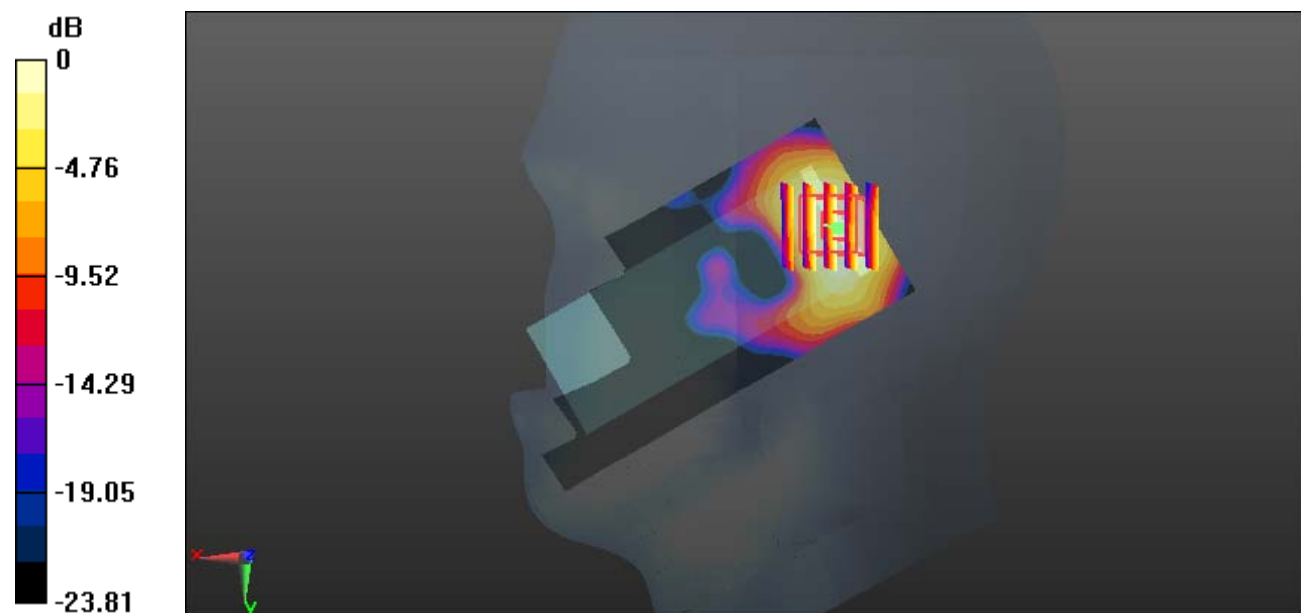
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.205 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0640 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0541 W/kg



0 dB = 0.0541 W/kg = -12.67 dBW/kg

Test Plot 5#: DECT 1900_Body Back_Mid**DUT: RTX8431 DECT Handset; Type: RTX8431; Serial: 19101601121**

Communication System: DECT1900; Frequency: 1924.99 MHz; Duty Cycle: 1:22.4

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.912$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.29, 8.29, 8.29) @ 1924.99 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 2019/6/13
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0666 W/kg

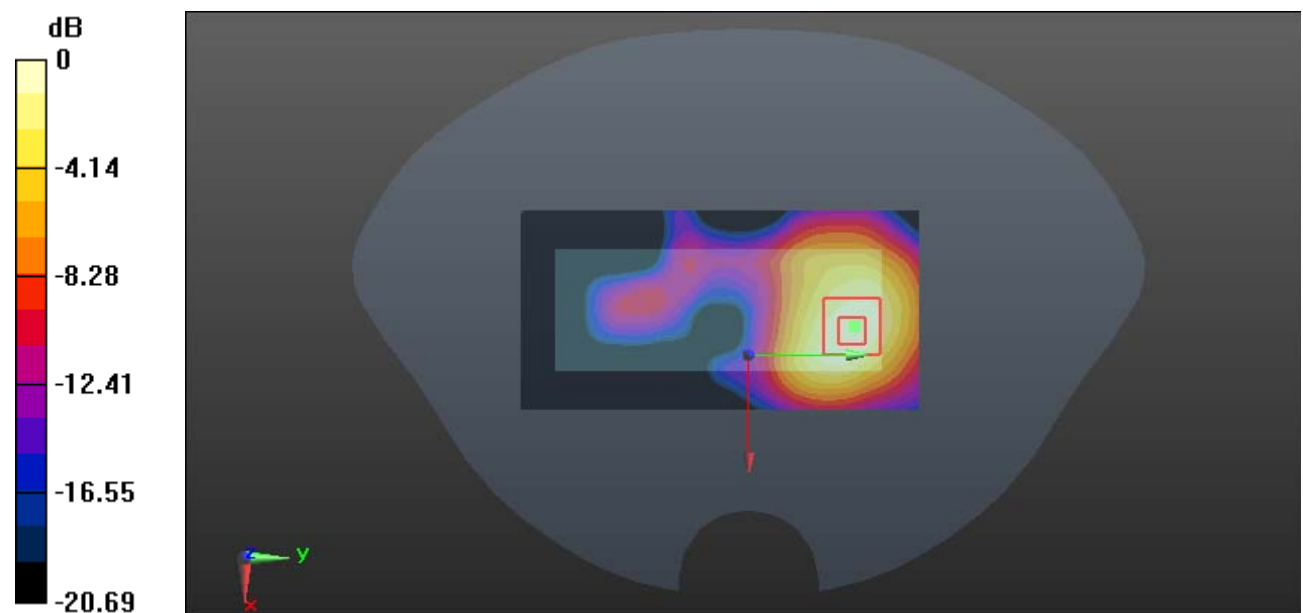
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.346 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0860 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0694 W/kg



0 dB = 0.0694 W/kg = -11.59 dBW/kg

Test Plot 6#: DECT 1900_Body Front_Mid**DUT: RTX8431 DECT Handset; Type: RTX8431; Serial: 19101601121**

Communication System: DECT1900; Frequency: 1924.99 MHz; Duty Cycle: 1:22.4

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.912$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.29, 8.29, 8.29) @ 1924.99 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 2019/6/13
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.104 W/kg

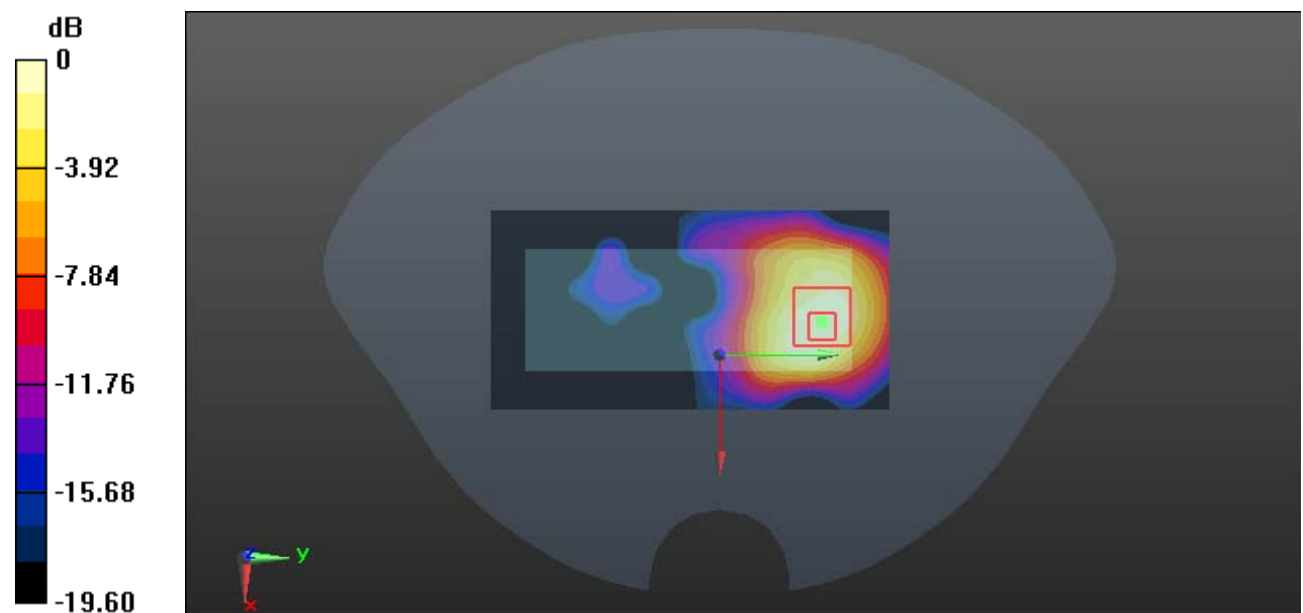
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.807 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.102 W/kg



0 dB = 0.102 W/kg = -9.91 dBW/kg

Test Plot 7#: DECT 1900_Head Left Cheek_Mid**DUT: RTX8431 DECT Handset; Type: RTX8431; Serial: 19101601121**

Communication System: DECT1900; Frequency: 1924.99 MHz; Duty Cycle: 1:22.4

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.912$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.29, 8.29, 8.29) @ 1924.99 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 2019/6/13
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

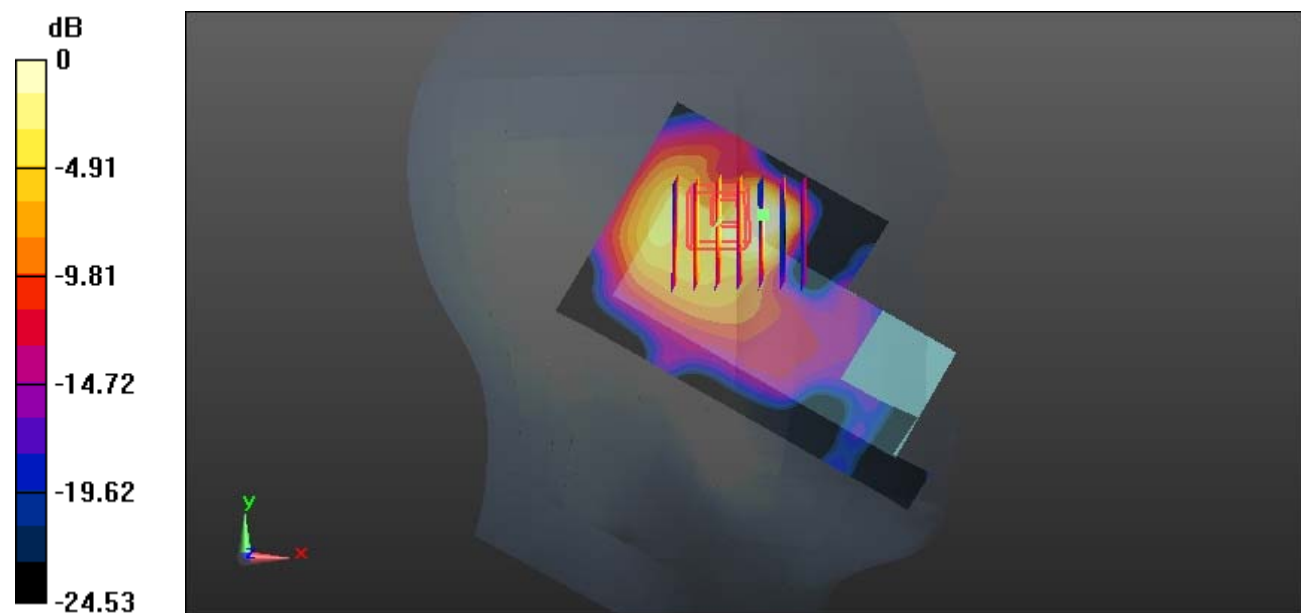
Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.905 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.113 W/kg



0 dB = 0.113 W/kg = -9.47 dBW/kg

Test Plot 8#: DECT 1900_Head Left Tilt_Mid**DUT: RTX8431 DECT Handset; Type: RTX8431; Serial: 19101601121**

Communication System: DECT1900; Frequency: 1924.99 MHz; Duty Cycle: 1:22.4

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.912$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.29, 8.29, 8.29) @ 1924.99 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 2019/6/13
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0481 W/kg

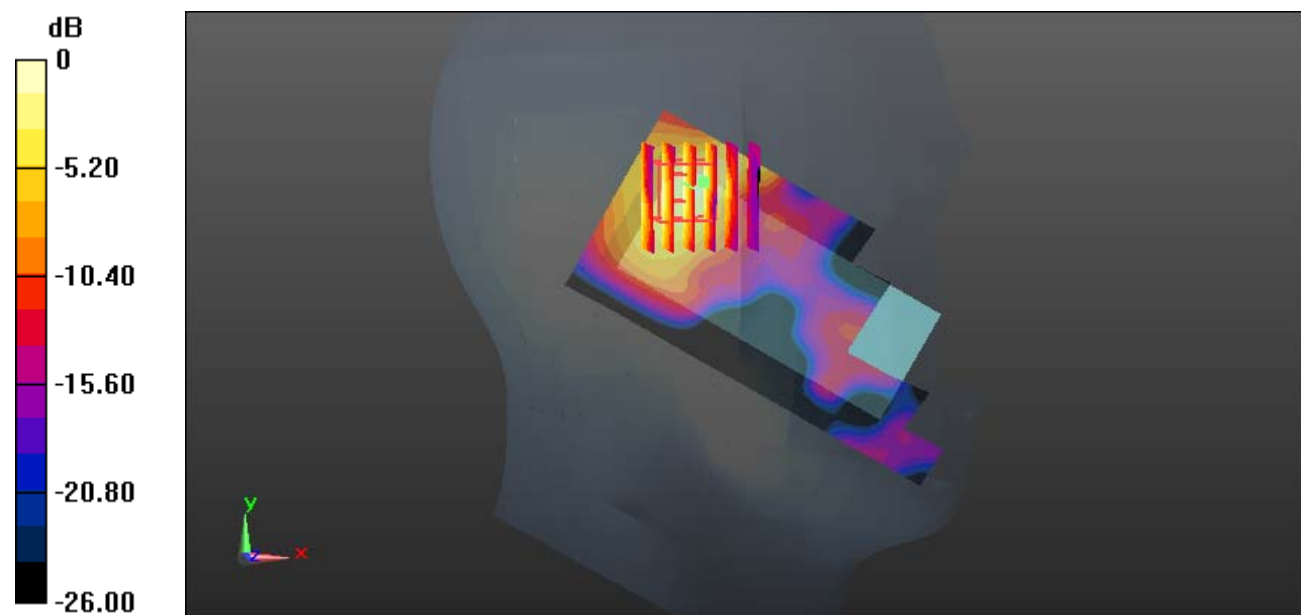
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.347 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0700 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0576 W/kg



0 dB = 0.0576 W/kg = -12.40 dBW/kg

Test Plot 9#: DECT 1900_Head Right Cheek_Mid**DUT: RTX8431 DECT Handset; Type: RTX8431; Serial: 19101601121**

Communication System: DECT1900; Frequency: 1924.99 MHz; Duty Cycle: 1:22.4

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.912$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.29, 8.29, 8.29) @ 1924.99 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 2019/6/13
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0556 W/kg

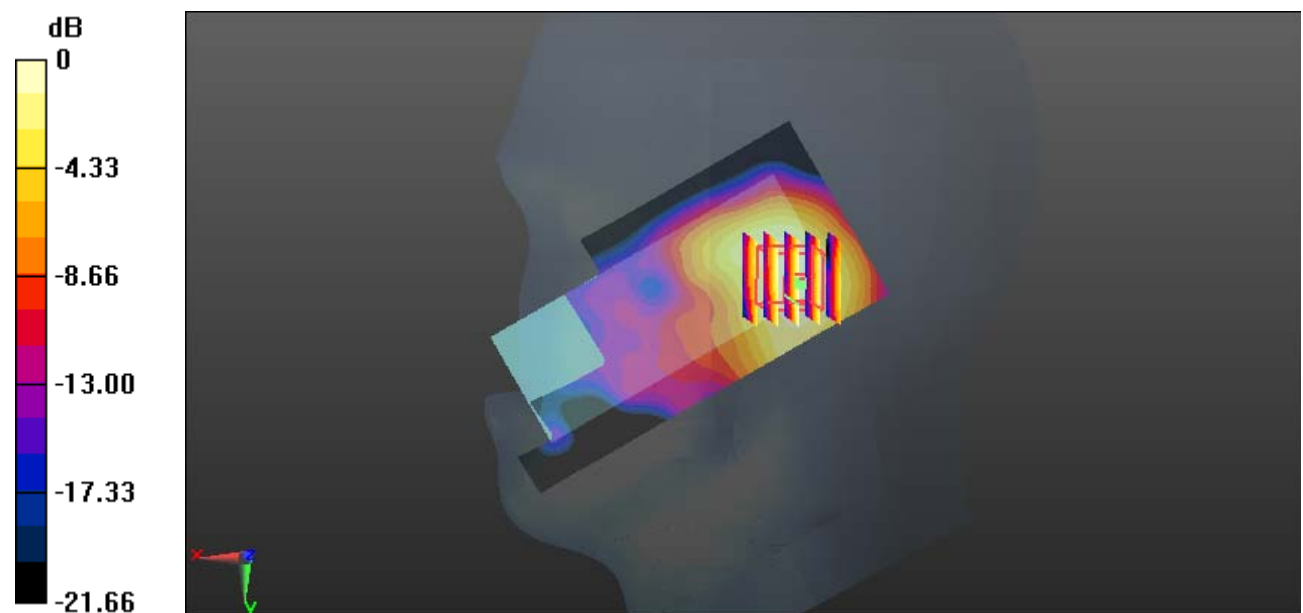
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.585 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0526 W/kg



0 dB = 0.0526 W/kg = -12.79 dBW/kg

Test Plot 10#: DECT 1900_Head Right Tilt_Mid**DUT: RTX8431 DECT Handset; Type: RTX8431; Serial: 19101601121**

Communication System: DECT1900; Frequency: 1924.99 MHz; Duty Cycle: 1:22.4

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.912$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.29, 8.29, 8.29) @ 1924.99 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 2019/6/13
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0384 W/kg

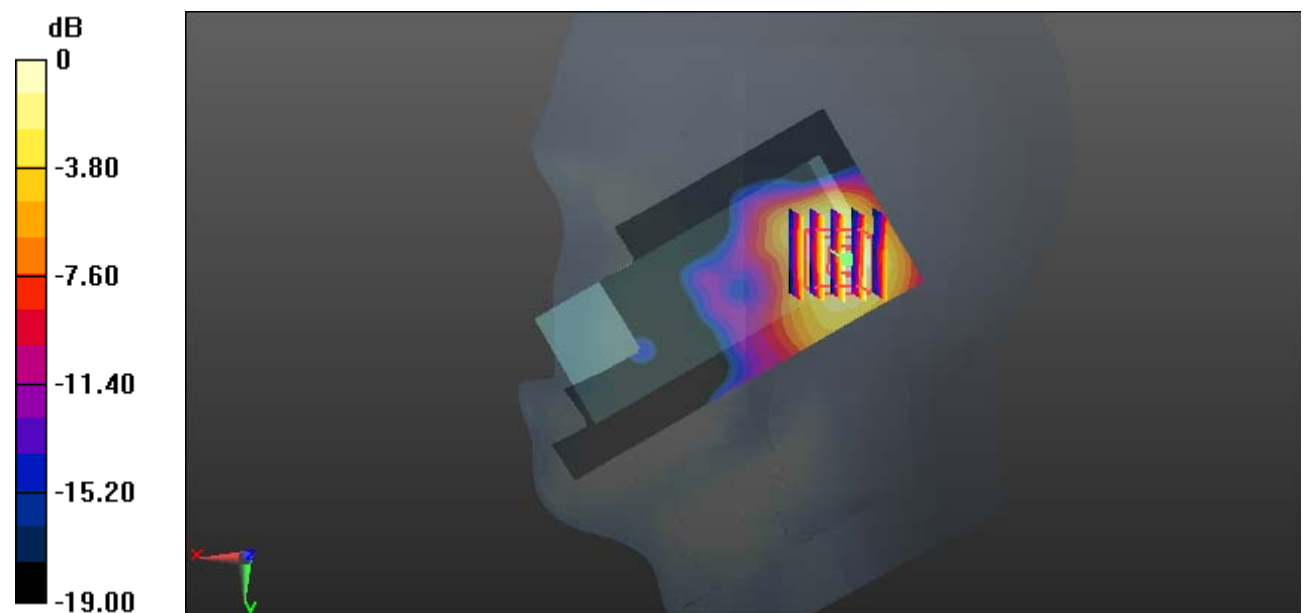
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.001 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0430 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0356 W/kg



0 dB = 0.0356 W/kg = -14.49 dBW/kg

Test Plot 11#: DECT 1900_Body Back_Mid**DUT: RTX8431 DECT Handset; Type: RTX8431; Serial: 19101601121**

Communication System: DECT1900; Frequency: 1924.99 MHz; Duty Cycle: 1:22.4

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.912$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.29, 8.29, 8.29) @ 1924.99 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 2019/6/13
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0528 W/kg

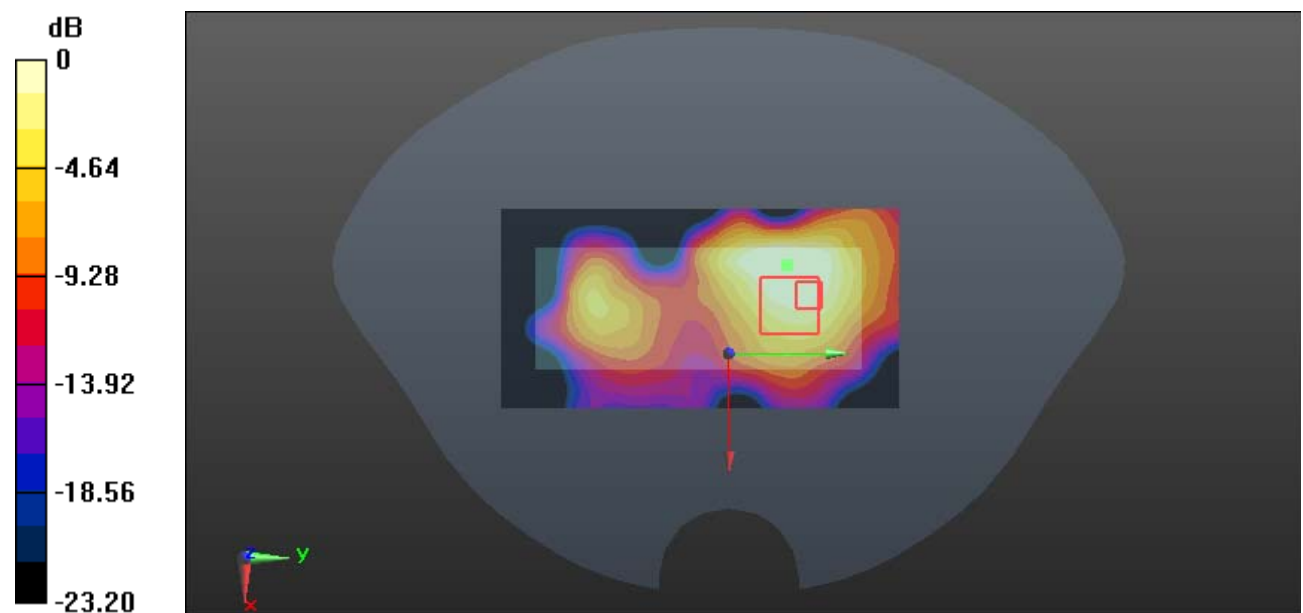
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.012 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0680 W/kg

SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00736 W/kg

Maximum value of SAR (measured) = 0.0329 W/kg



0 dB = 0.0329 W/kg = -14.83 dBW/kg

Test Plot 12#: DECT 1900_Body Front_Mid**DUT: RTX8431 DECT Handset; Type: RTX8431; Serial: 19101601121**

Communication System: DECT1900; Frequency: 1924.99 MHz; Duty Cycle: 1:22.4

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.912$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(8.29, 8.29, 8.29) @ 1924.99 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn527; Calibrated: 2019/6/13
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.108 W/kg

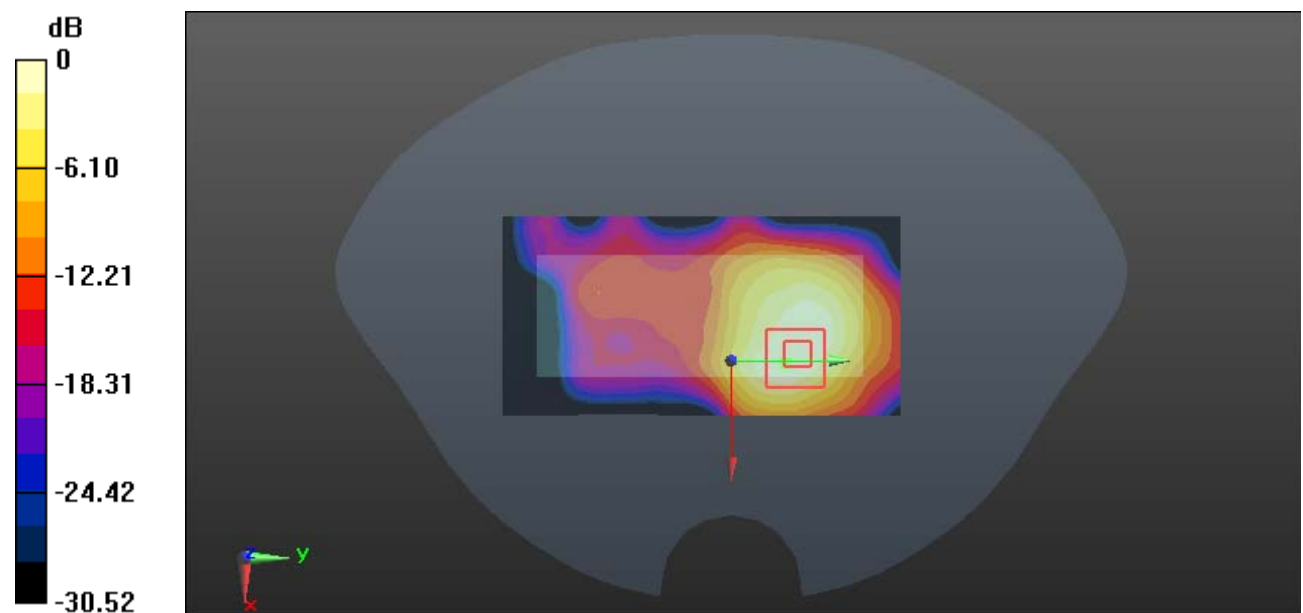
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.280 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.102 W/kg



0 dB = 0.102 W/kg = -9.91 dBW/kg