

Plot 1#:WCDMA Band 2_ Face Up_ Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.112$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.881 W/kg

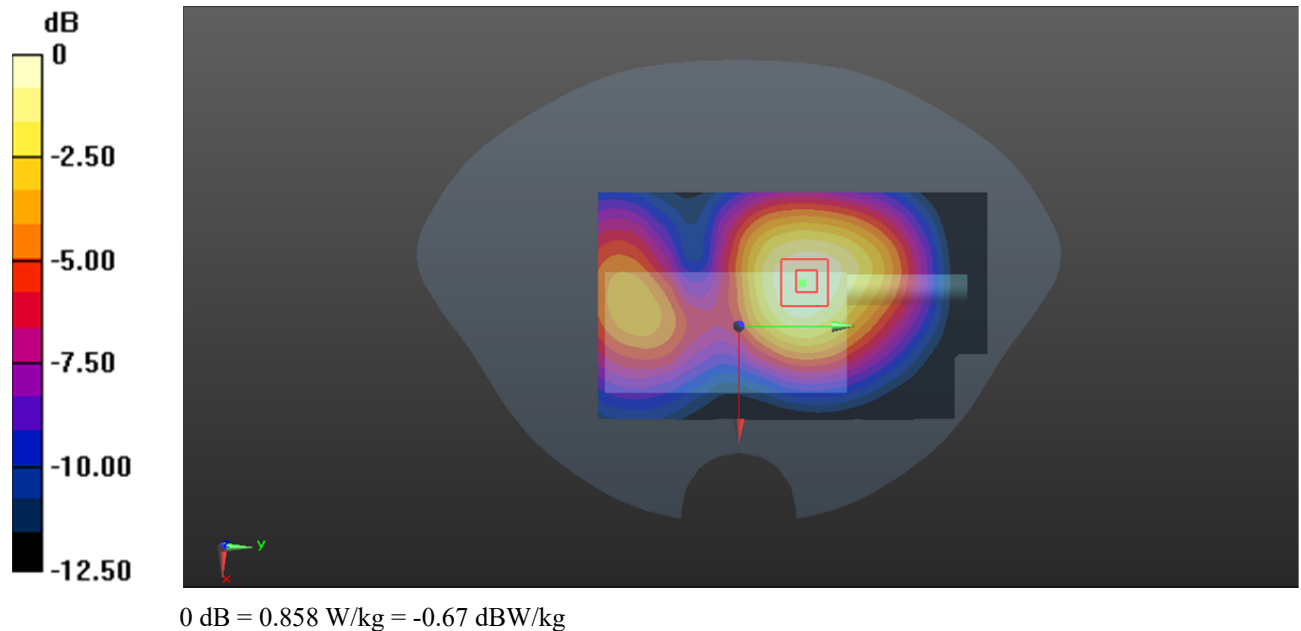
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.07 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.417 W/kg

Maximum value of SAR (measured) = 0.858 W/kg



Plot 2#:WCDMA Band 2 _ Body Back _ Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.112$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.719 W/kg

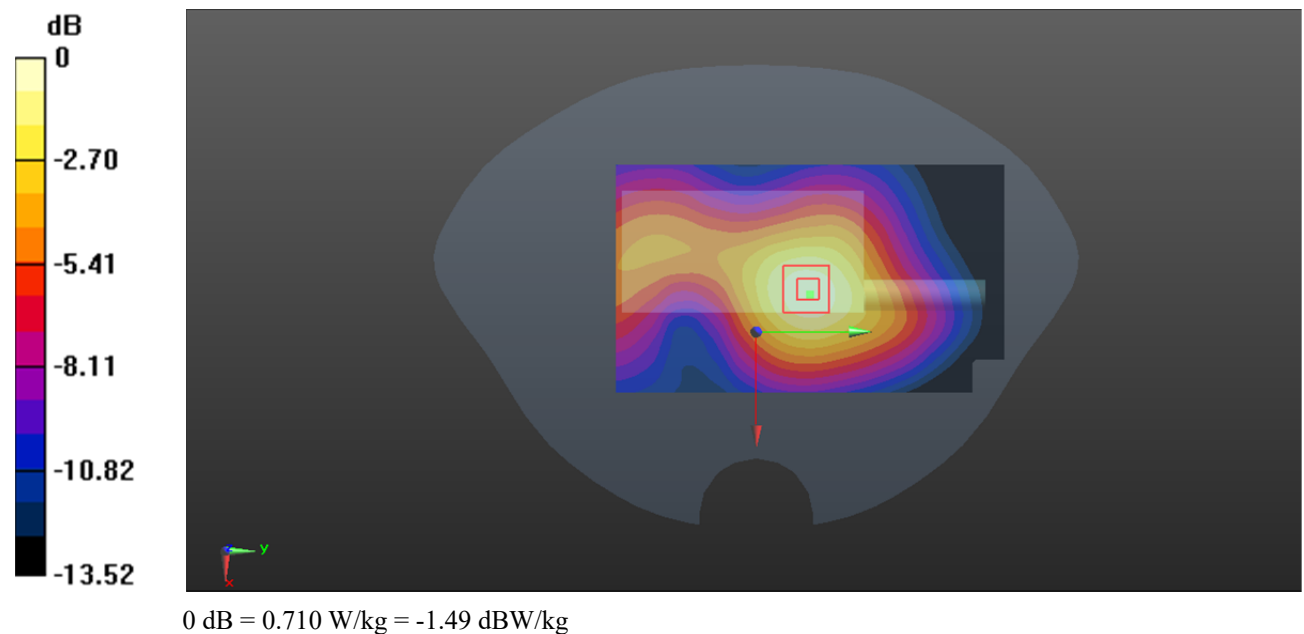
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.65 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.818 W/kg

SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (measured) = 0.710 W/kg



Plot 3#:WCDMA Band 5_ Face Up_Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 41.512$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.653 W/kg

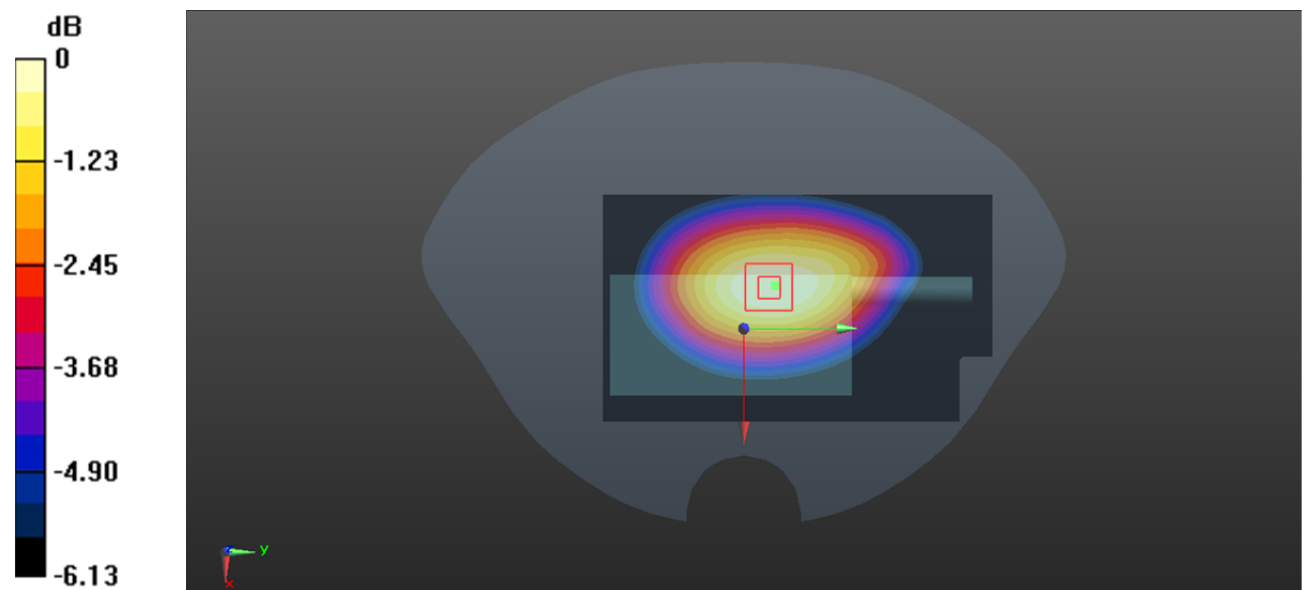
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.65 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.694 W/kg

SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.460 W/kg

Maximum value of SAR (measured) = 0.647 W/kg



0 dB = 0.647 W/kg = -1.89 dBW/kg

Plot 4#:WCDMA Band 5_ Body Back_Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 41.512$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.6 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.652 W/kg

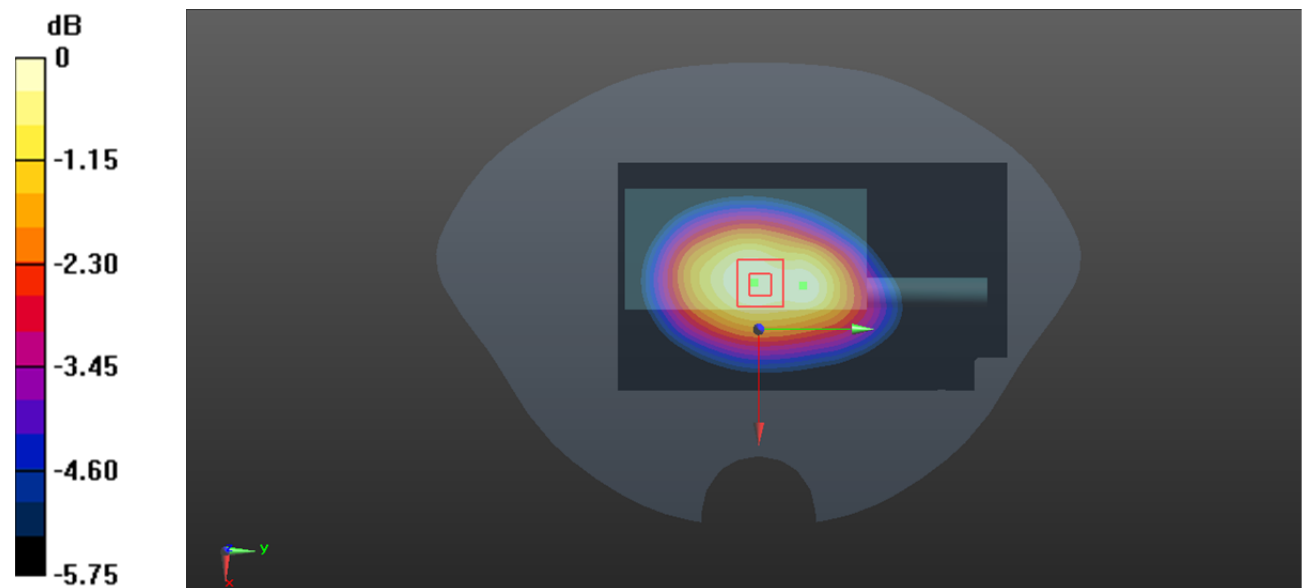
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.27 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.460 W/kg

Maximum value of SAR (measured) = 0.639 W/kg



0 dB = 0.639 W/kg = -1.94 dBW/kg

Plot 5#:LTE Band 2_1RB_ Face Up_ Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.112$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.756 W/kg

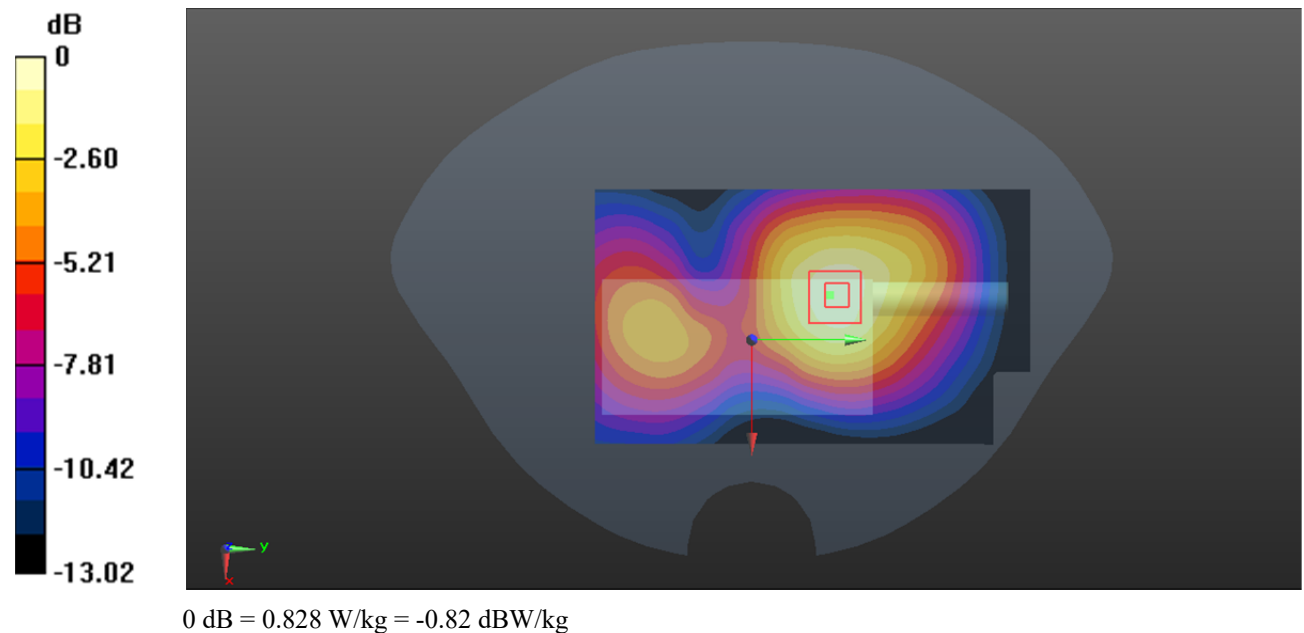
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.29 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.958 W/kg

SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.399 W/kg

Maximum value of SAR (measured) = 0.828 W/kg



Plot 6#:LTE Band 2_50%RB_ Face Up_ Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.112$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.640 W/kg

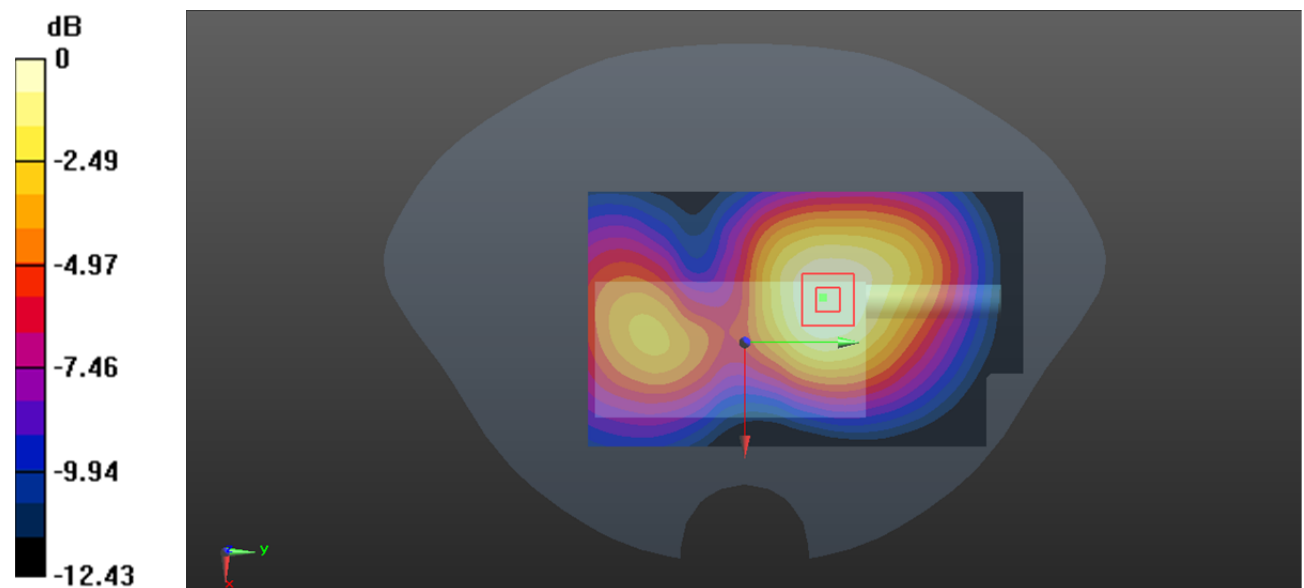
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.27 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.723 W/kg

SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 0.622 W/kg



0 dB = 0.622 W/kg = -2.06 dBW/kg

Plot 7#:LTE Band 2_1RB_ Body Back_Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.112$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.634 W/kg

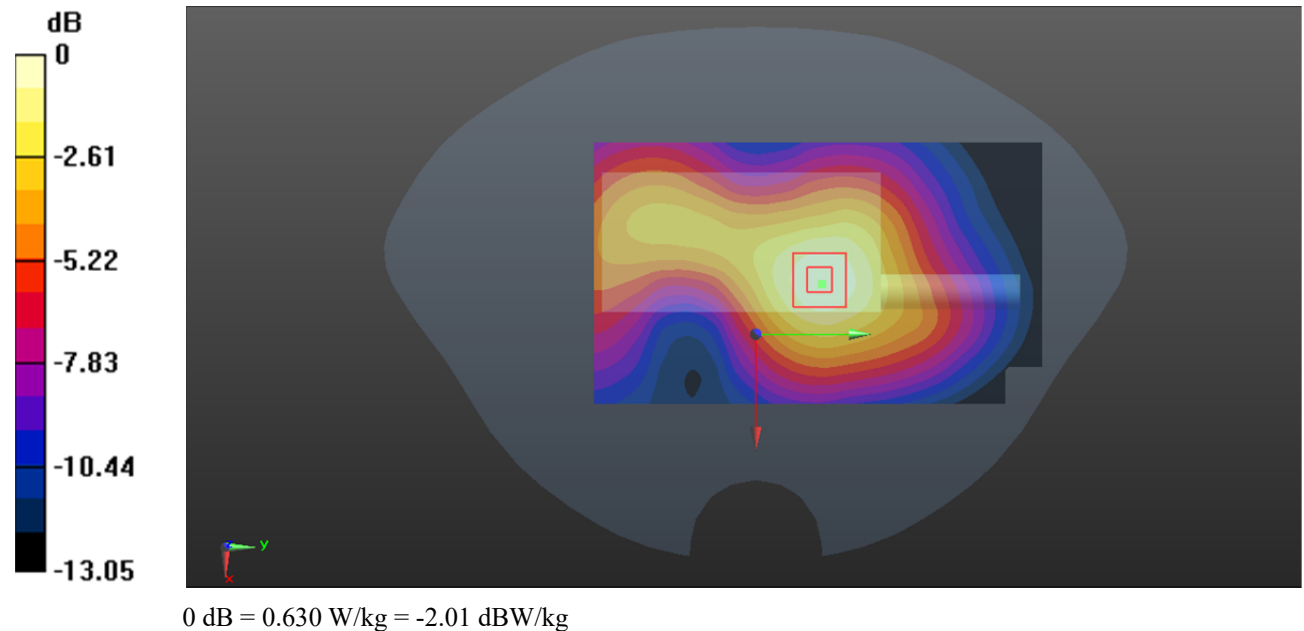
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.01 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.723 W/kg

SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.630 W/kg



Plot 8#:LTE Band 2_50%RB_ Body Back_Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.112$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.472 W/kg

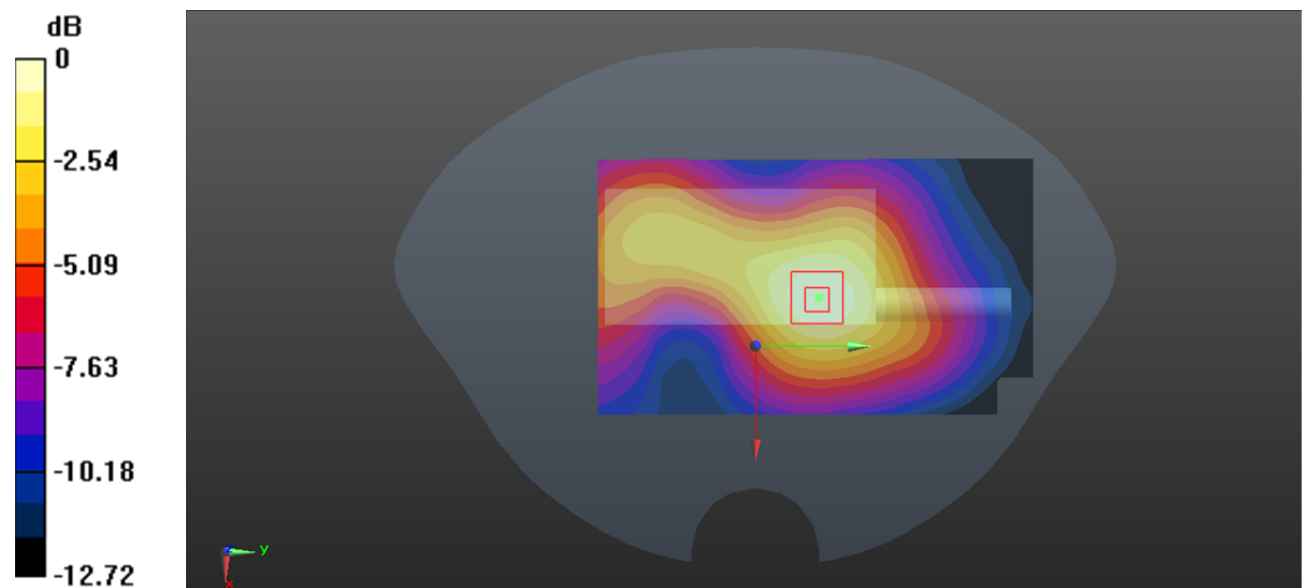
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.34 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.520 W/kg

SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.202 W/kg

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



0 dB = 0.447 W/kg = -3.50 dBW/kg

Plot 9#:LTE Band 4_1RB_ Face Up_ Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.161$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.698 W/kg

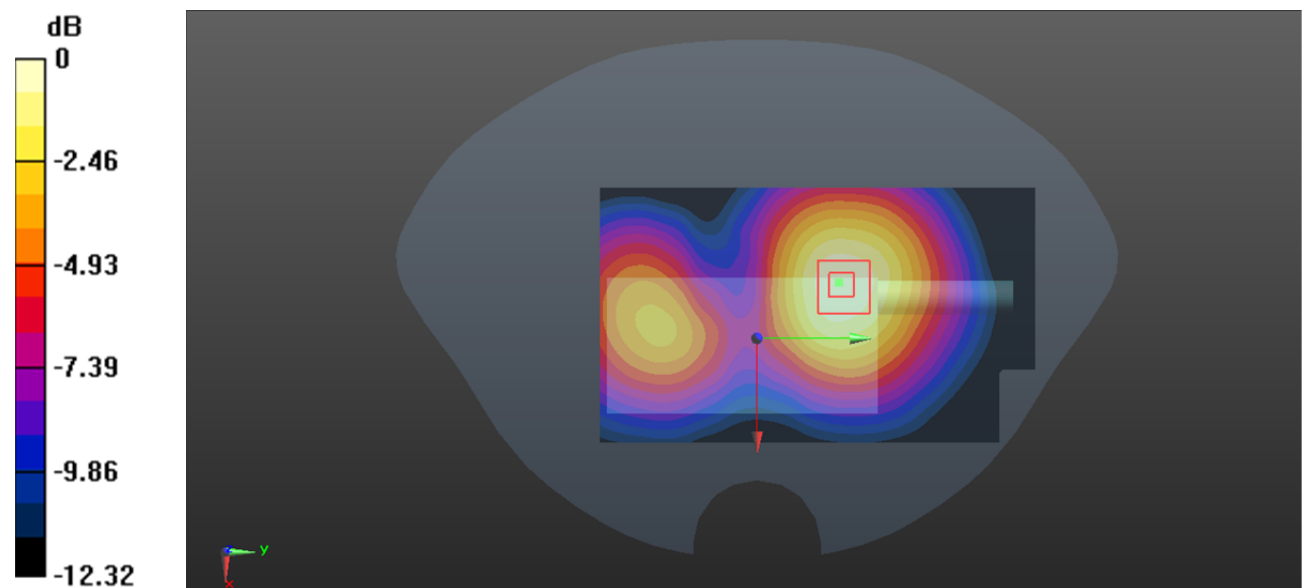
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.220 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.821 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.336 W/kg

Maximum value of SAR (measured) = 0.719 W/kg



0 dB = 0.719 W/kg = -1.43 dBW/kg

Plot 10#:LTE Band 4_50%RB_ Face Up_ Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.161$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.535 W/kg

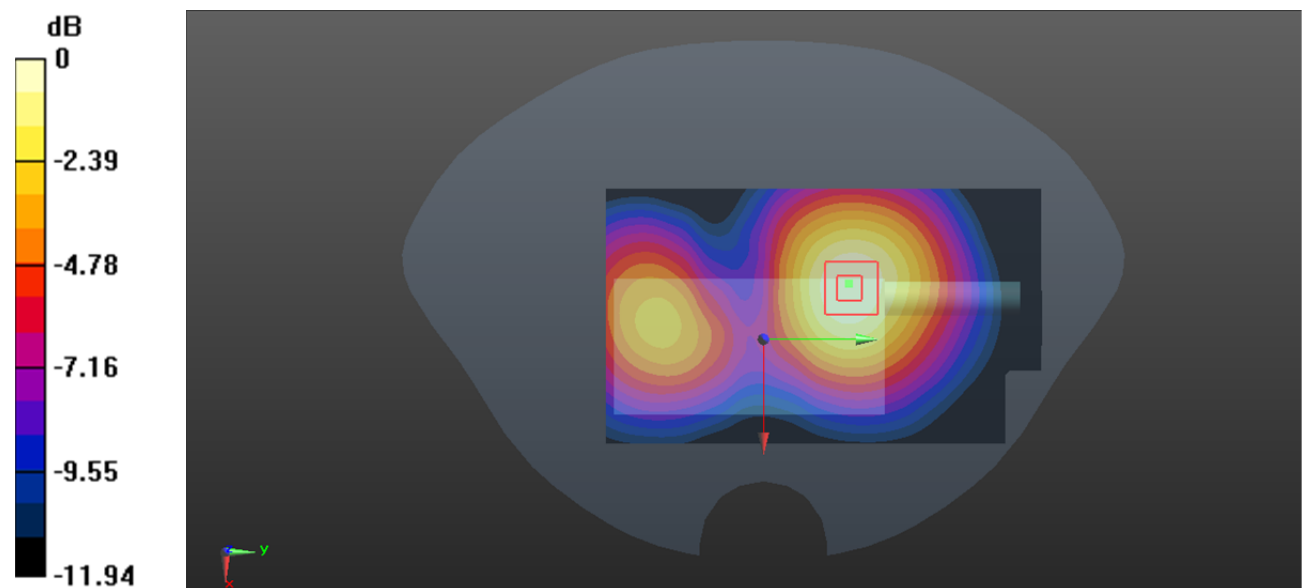
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.224 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.611 W/kg

SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.535 W/kg



0 dB = 0.535 W/kg = -2.72 dBW/kg

Plot 11#:LTE Band 4_1RB_Body Back_Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.161$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (131x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.02 W/kg

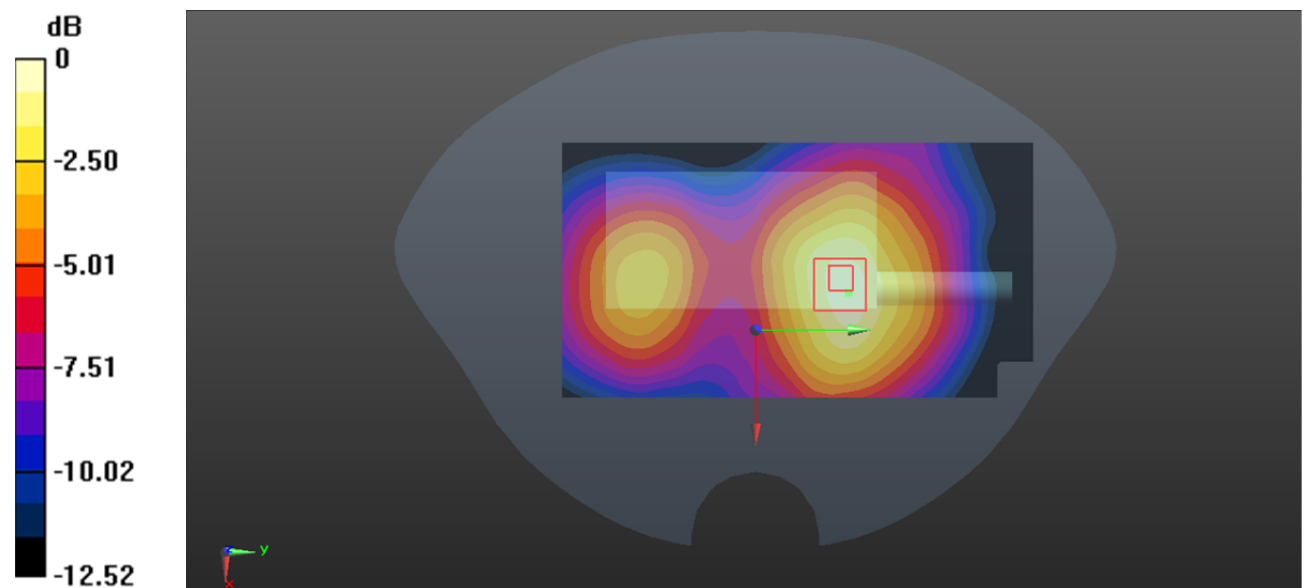
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.67 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.433 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

Plot 12#:LTE Band 4_50%RB_ Body Back_Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.161$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.16, 8.16, 8.16) @ 1732.5 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.549 W/kg

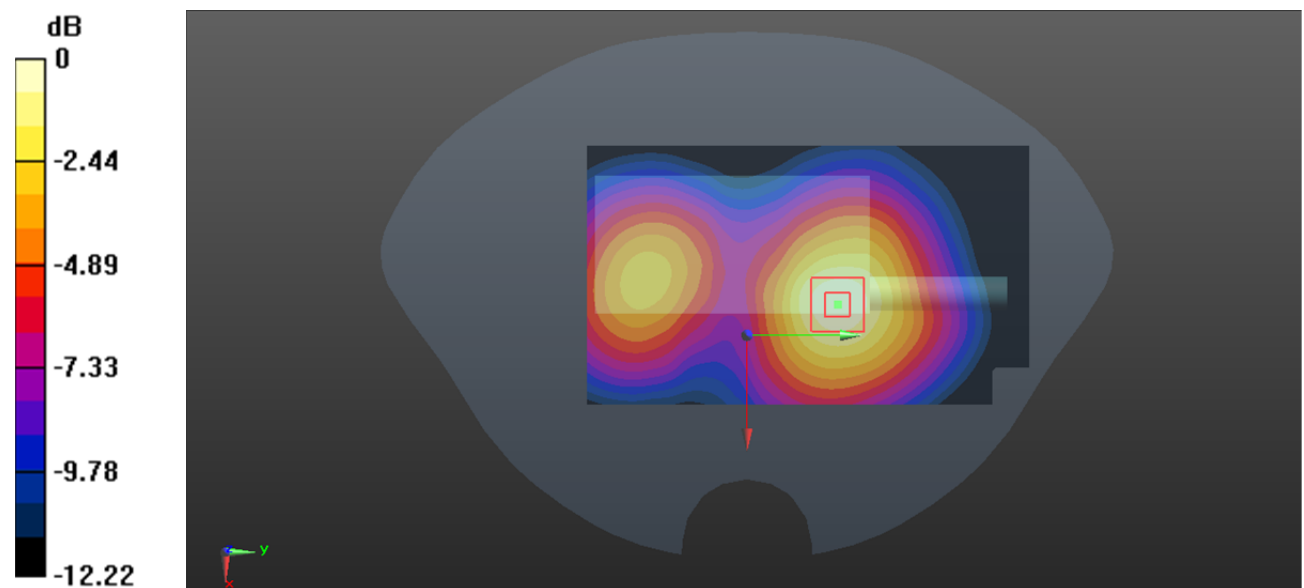
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.652 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.560 W/kg



0 dB = 0.560 W/kg = -2.52 dBW/kg

Plot 13#:LTE Band 5_1RB_ Face Up_ Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 41.525$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.652 W/kg

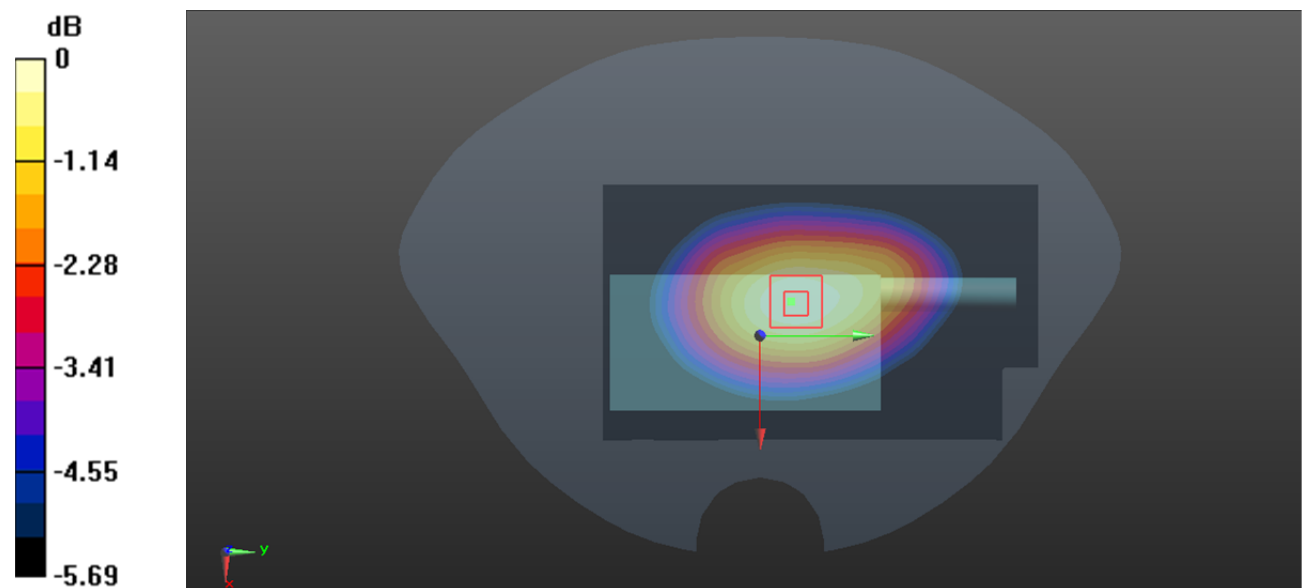
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.61 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.700 W/kg

SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.463 W/kg

Maximum value of SAR (measured) = 0.653 W/kg



0 dB = 0.653 W/kg = -1.85 dBW/kg

Plot 14#:LTE Band 5_50%RB_Face Up_Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 41.525$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.551 W/kg

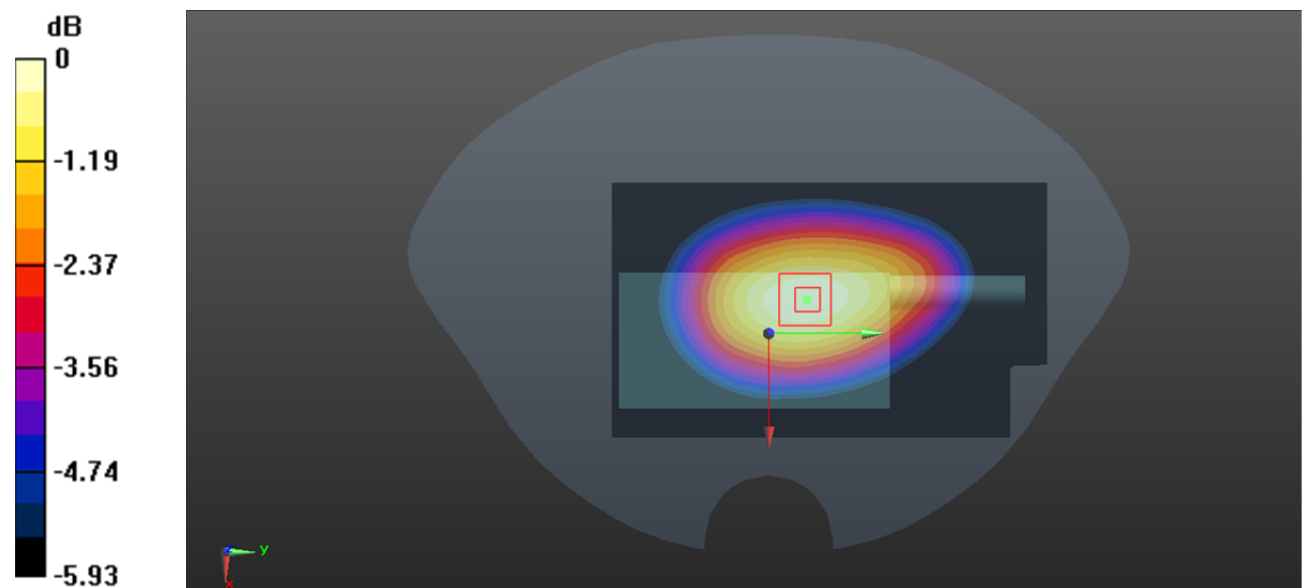
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.35 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.599 W/kg

SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.391 W/kg

Maximum value of SAR (measured) = 0.558 W/kg



0 dB = 0.558 W/kg = -2.53 dBW/kg

Plot 15#: LTE Band 5_1RB_ Body Back_ Low**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 41.541$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 829 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (131x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.974 W/kg

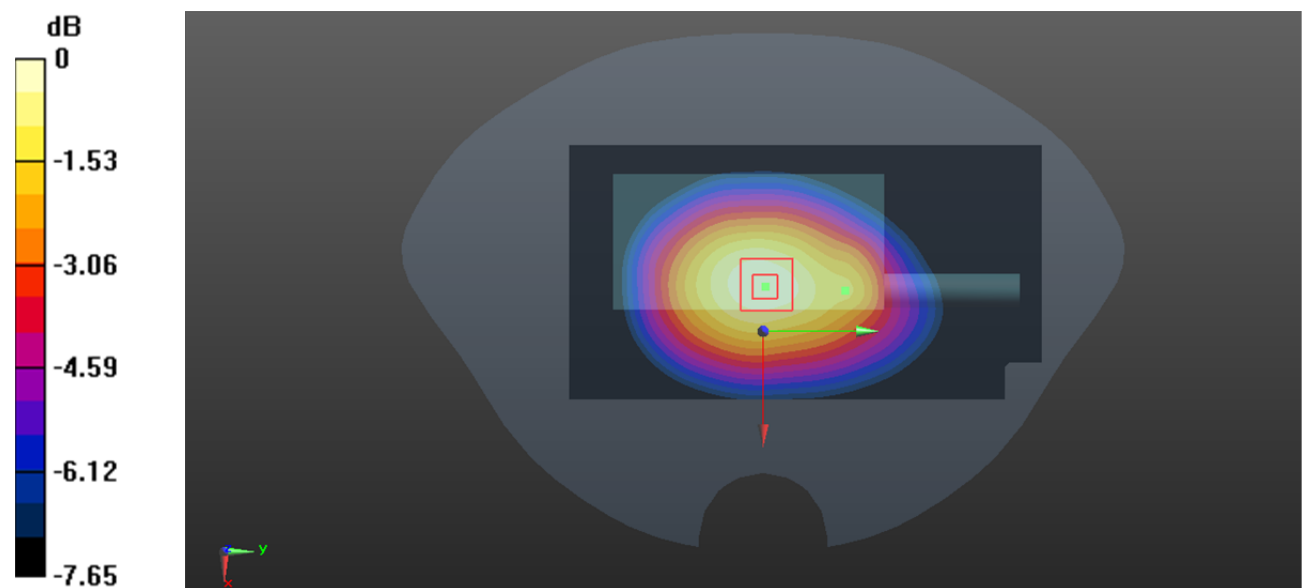
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 31.30 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.686 W/kg

Maximum value of SAR (measured) = 0.997 W/kg



0 dB = 0.997 W/kg = -0.01 dBW/kg

Plot 16#: LTE Band 5_1RB_ Body Back_Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 41.525$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (131x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.06 W/kg

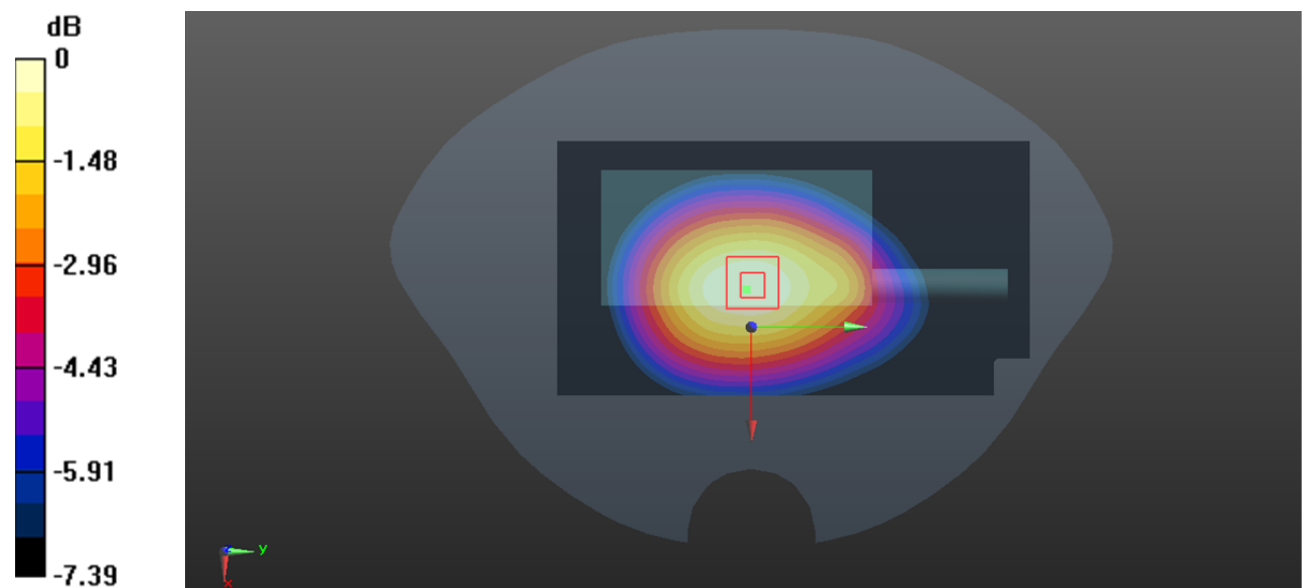
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 32.69 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.733 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

Plot 17#: LTE Band 5_1RB_ Body Back_ High**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System: Generic FDD-LTE; Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 844$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.506$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 844 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (131x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.734 W/kg

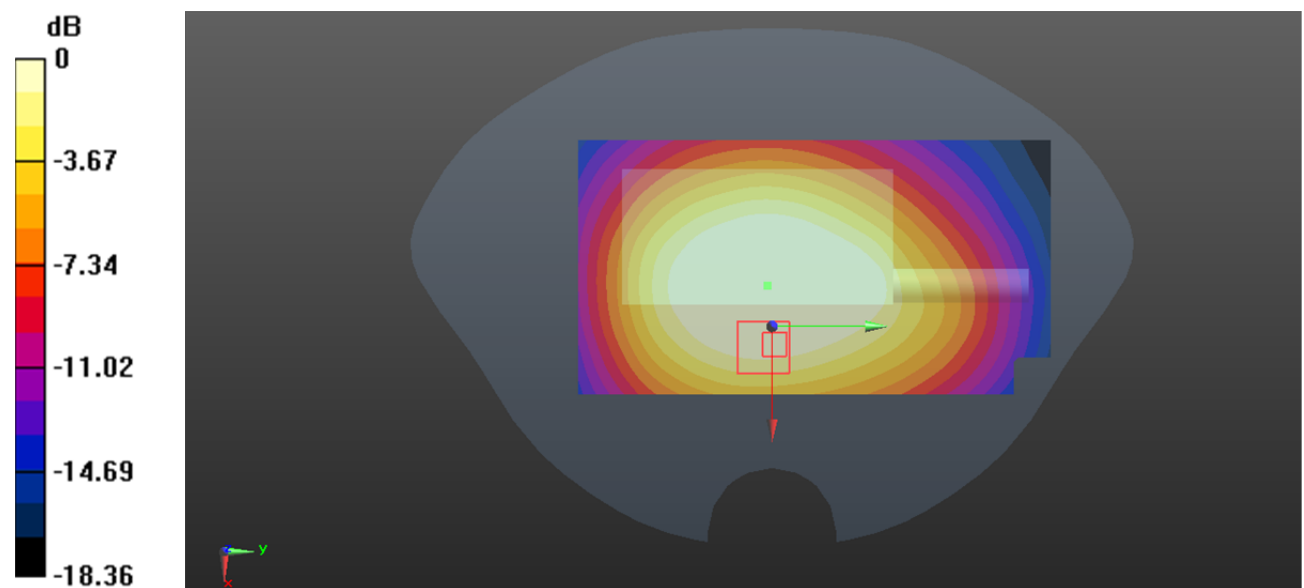
Zoom Scan (9x8x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.73 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.467 W/kg

SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.454 W/kg

Maximum value of SAR (measured) = 0.455 W/kg



0 dB = 0.455 W/kg = -3.42 dBW/kg

Plot 18#:LTE Band 5_50%RB_ Body Back_Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 41.525$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 836.5 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (131x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.540 W/kg

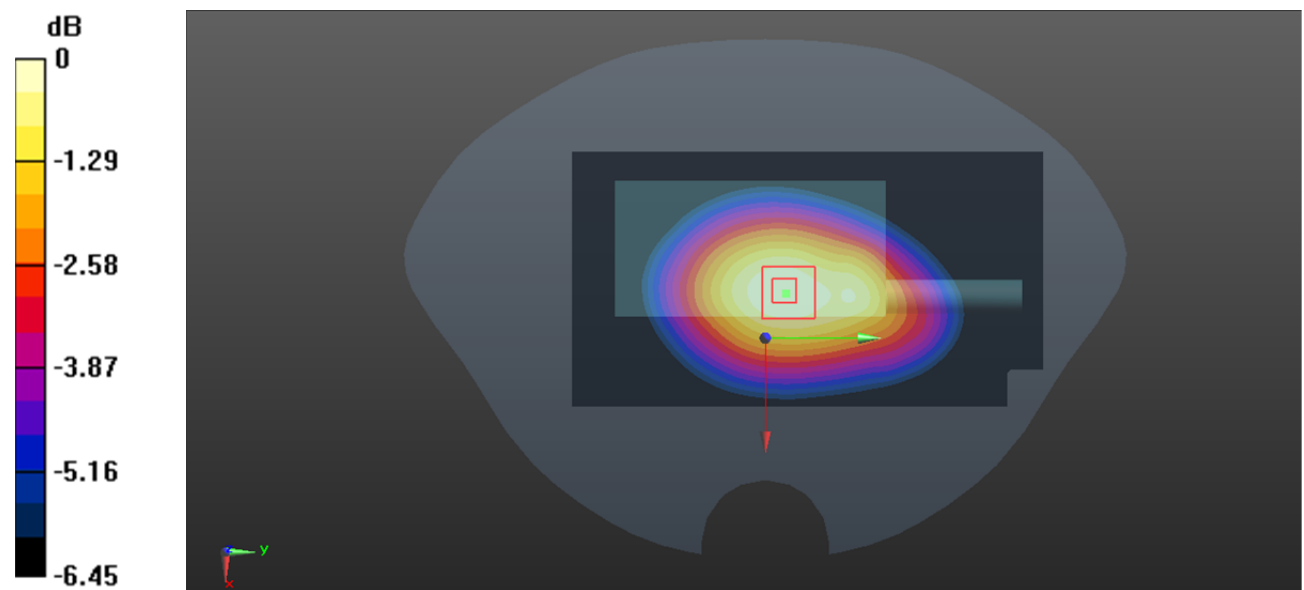
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.56 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.577 W/kg

SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.386 W/kg

Maximum value of SAR (measured) = 0.540 W/kg



0 dB = 0.540 W/kg = -2.68 dBW/kg

Plot 19#:LTE Band 12_1RB_ Face Up_ Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic FDD-LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 42.136$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 707.5 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.216 W/kg

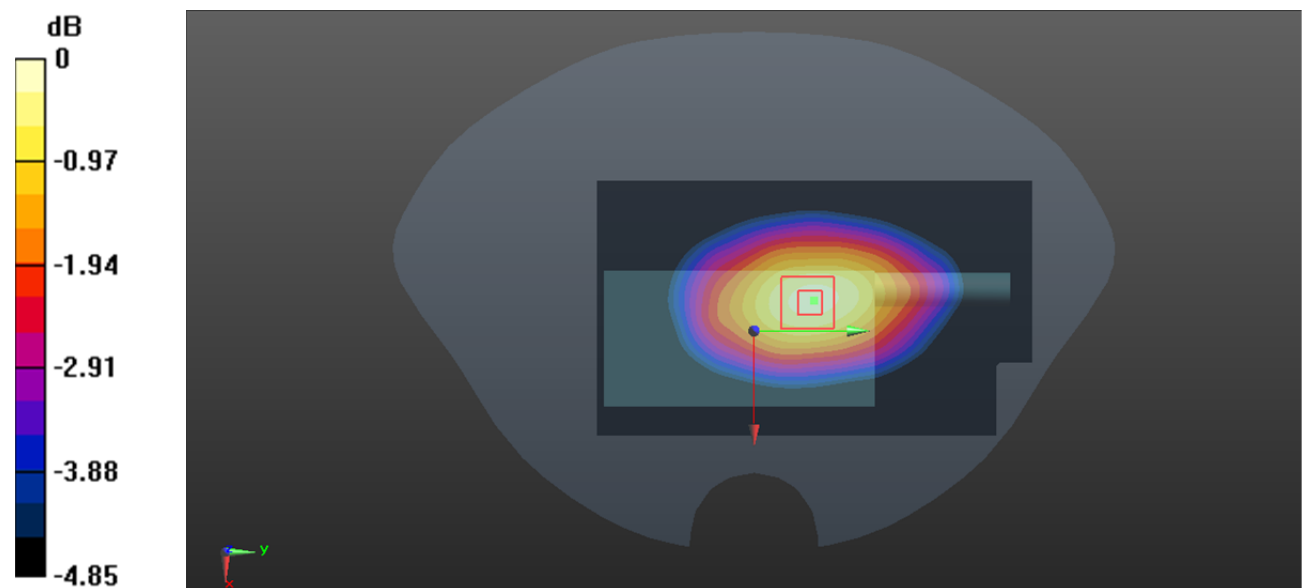
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.35 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.224 W/kg



0 dB = 0.224 W/kg = -6.50 dBW/kg

Plot 20#:LTE Band 12_50%RB_ Face Up_ Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic FDD-LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 42.136$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 707.5 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.189 W/kg

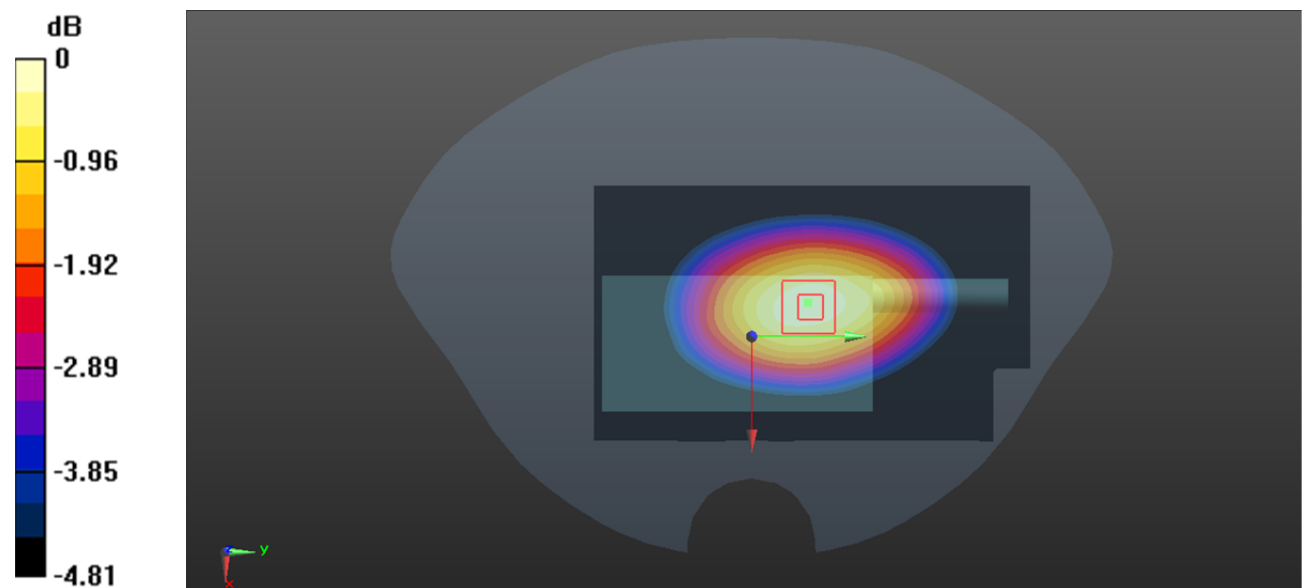
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.54 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.191 W/kg = -7.19 dBW/kg

Plot 21#:LTE Band 12_1RB_ Body Back_Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic FDD-LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 42.136$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 707.5 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.196 W/kg

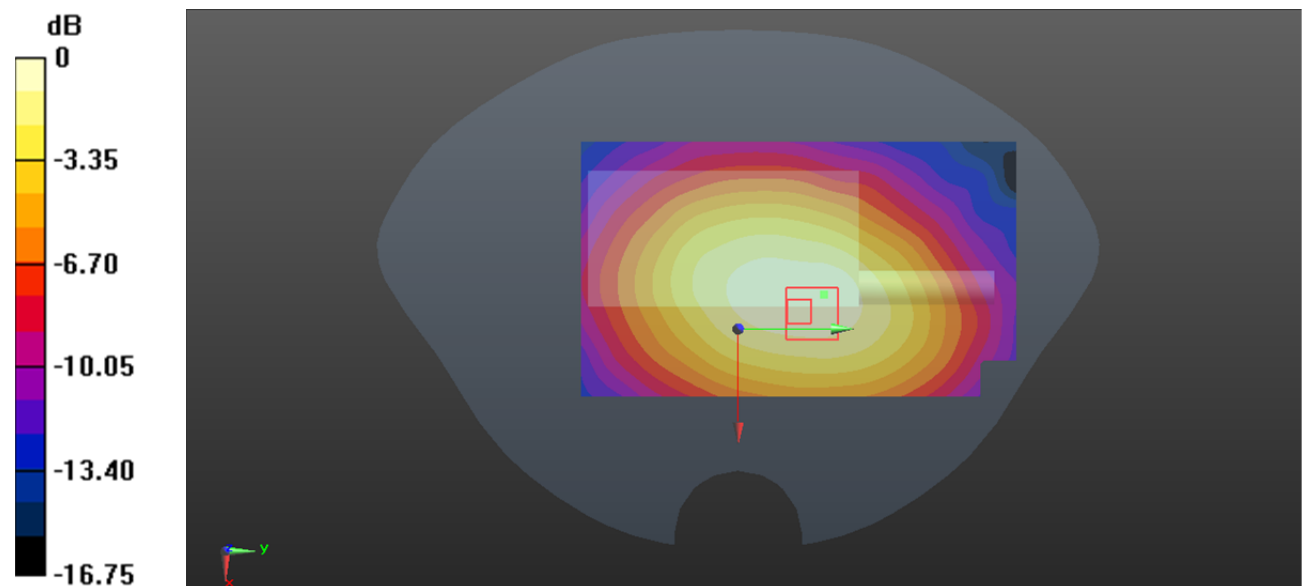
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.93 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.377 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.201 W/kg



0 dB = 0.201 W/kg = -6.97 dBW/kg

Plot 22#:LTE Band 12_50%RB_ Body Back_Mid**DUT: IP Trunking Radio; Type: TH-510; Serial: XMTN210531-20281E-SA-S1**

Communication System:Generic FDD-LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 42.136$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.93, 9.93, 9.93) @ 707.5 MHz; Calibrated: 2021/4/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.173 W/kg

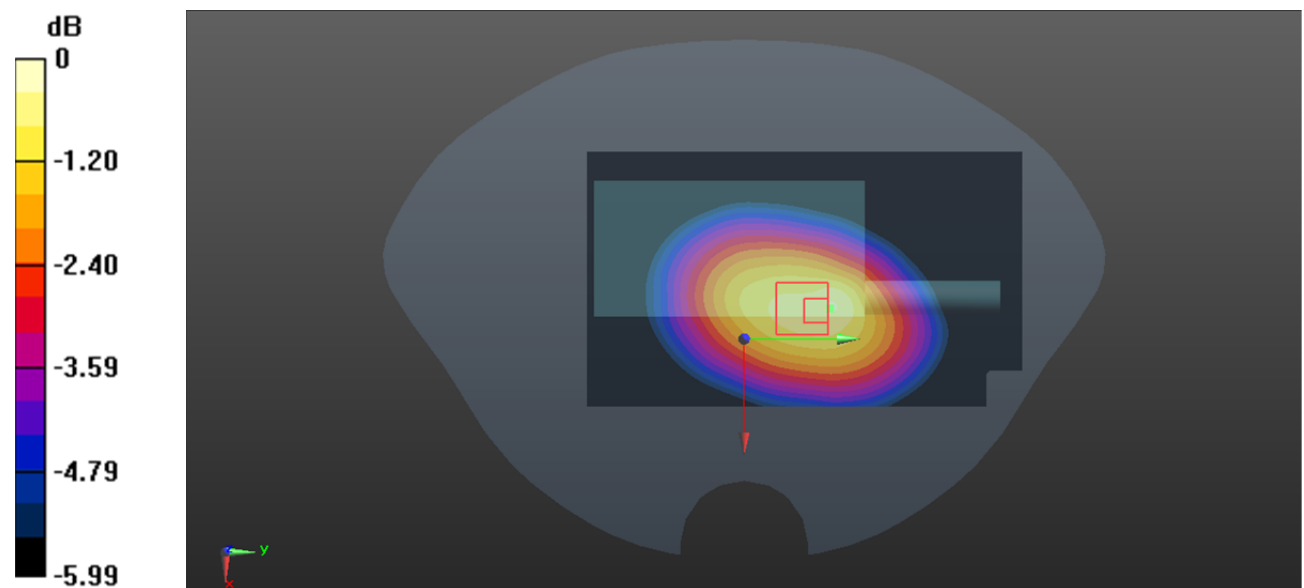
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.78 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.188 W/kg



0 dB = 0.188 W/kg = -7.26 dBW/kg