

Test Plot 1#: Bluetooth_8DPSK_3DH5_Front Side_Middle**DUT: LIBERATE AIR; Type: EM-DE011; Serial: 19031980122**

Communication System: Bluetooth(8DPSK, 3DH5); Frequency: 2441 MHz; Duty Cycle: 1:1.28

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.764$ S/m; $\epsilon_r = 40.088$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (31x41x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0455 W/kg

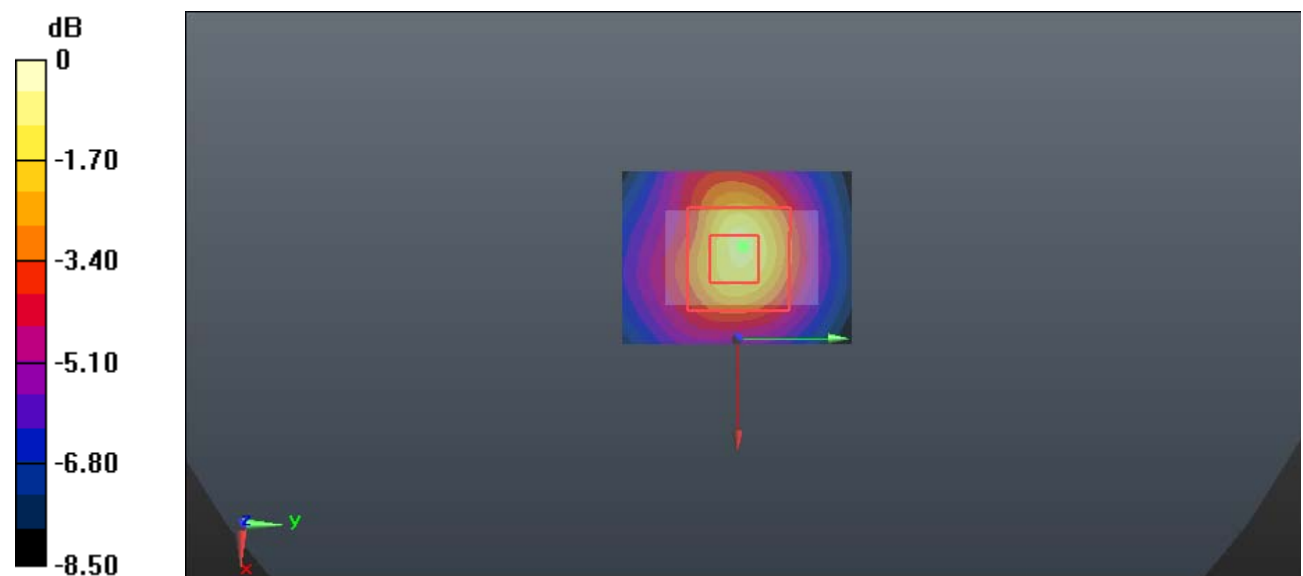
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.449 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0830 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0562 W/kg



0 dB = 0.0562 W/kg = -12.50 dBW/kg

Test Plot 2#: Bluetooth_8DPSK_3DH5_Left Side_Low**DUT: LIBERATE AIR; Type: EM-DE011; Serial: 19031980122**

Communication System: Bluetooth(8DPSK, 3DH5); Frequency: 2402 MHz; Duty Cycle: 1:1.28

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.698$ S/m; $\epsilon_r = 40.226$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (31x41x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.280 W/kg

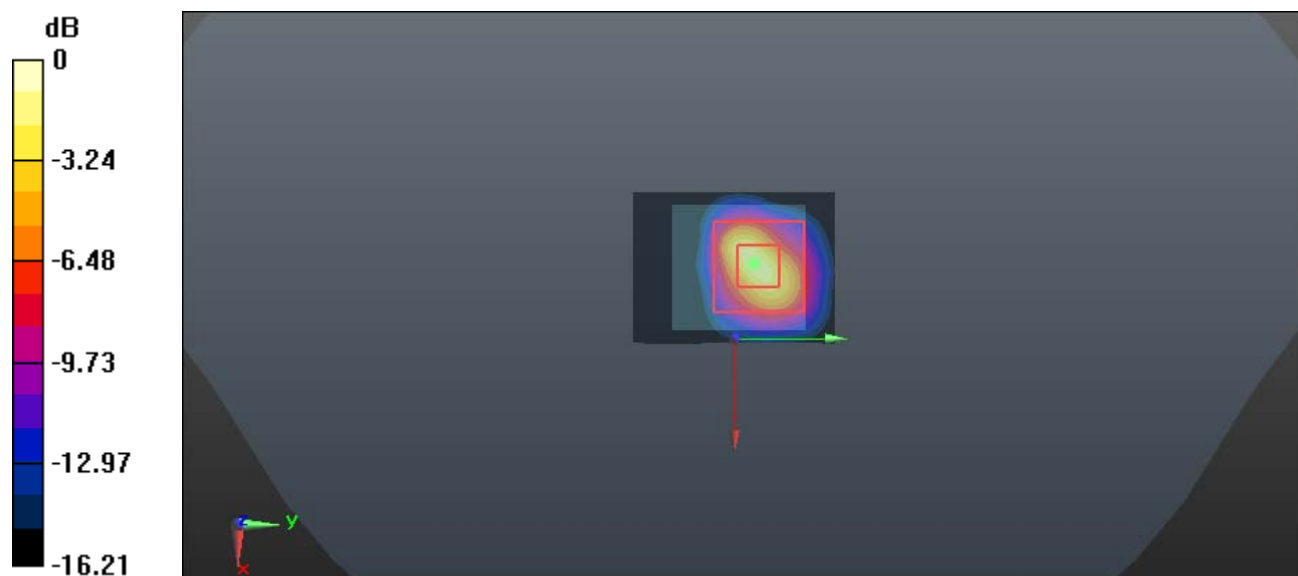
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.756 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.388 W/kg



0 dB = 0.388 W/kg = -4.11 dBW/kg

Test Plot 3#: Bluetooth_8DPSK_3DH5_Left Side_Middle**DUT: LIBERATE AIR; Type: EM-DE011; Serial: 19031980122**

Communication System: Bluetooth(8DPSK, 3DH5); Frequency: 2441 MHz; Duty Cycle: 1:1.28

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.764$ S/m; $\epsilon_r = 40.088$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (31x41x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.363 W/kg

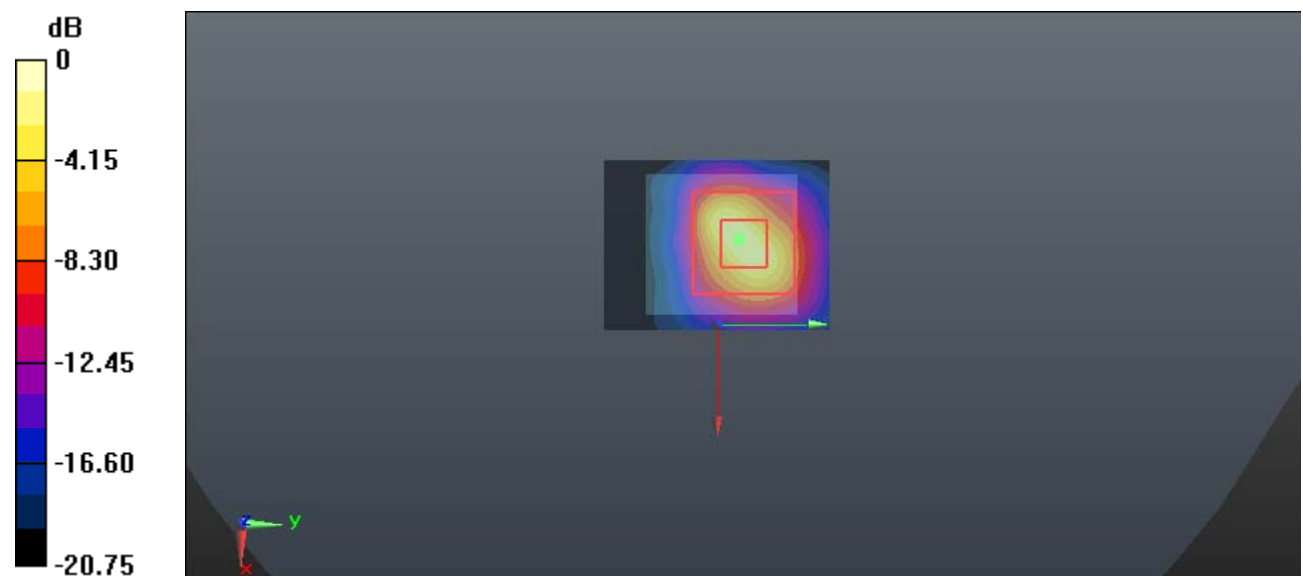
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.981 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.676 W/kg

SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.502 W/kg



0 dB = 0.502 W/kg = -2.99 dBW/kg

Test Plot 4#: Bluetooth_8DPSK_3DH5_Left Side_High**DUT: LIBERATE AIR; Type: EM-DE011; Serial: 19031980122**

Communication System: Bluetooth(8DPSK, 3DH5); Frequency: 2480 MHz; Duty Cycle: 1:1.28

Medium parameters used: $f = 2480$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 39.24$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (31x41x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.236 W/kg

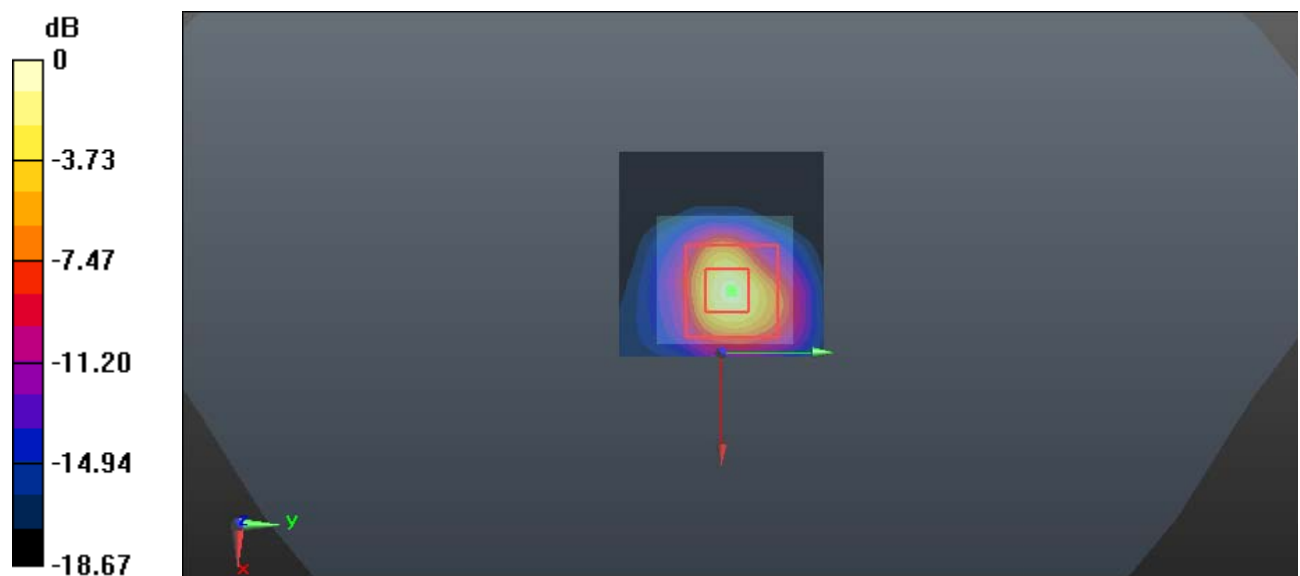
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.094 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.446 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.330 W/kg



0 dB = 0.330 W/kg = -4.81 dBW/kg

Test Plot 5#: Bluetooth_8DPSK_3DH5_Right Side_Middle**DUT: LIBERATE AIR; Type: EM-DE011; Serial: 19031980122**

Communication System: Bluetooth(8DPSK, 3DH5); Frequency: 2441 MHz; Duty Cycle: 1:1.28

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.764$ S/m; $\epsilon_r = 40.088$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (31x41x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.288 W/kg

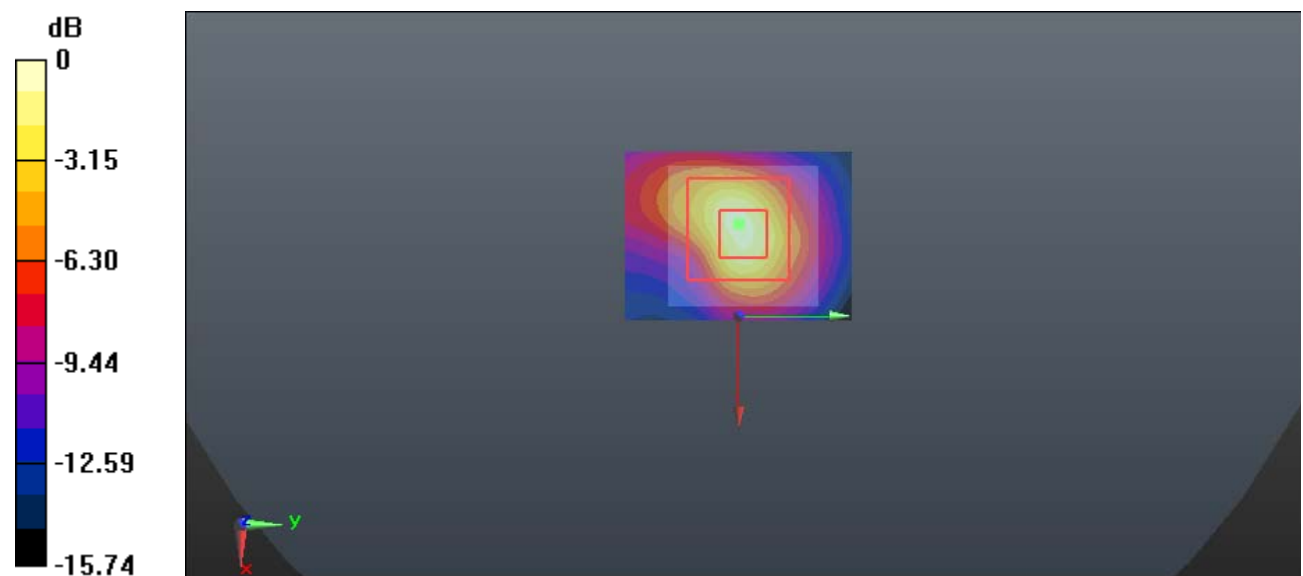
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.961 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.453 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.327 W/kg



0 dB = 0.327 W/kg = -4.85 dBW/kg

Test Plot 6#: Bluetooth_8DPSK_3DH5_Top Side_Middle**DUT: LIBERATE AIR; Type: EM-DE011; Serial: 19031980122**

Communication System: Bluetooth(8DPSK, 3DH5); Frequency: 2441 MHz; Duty Cycle: 1:1.28

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.764$ S/m; $\epsilon_r = 40.088$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (31x41x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.119 W/kg

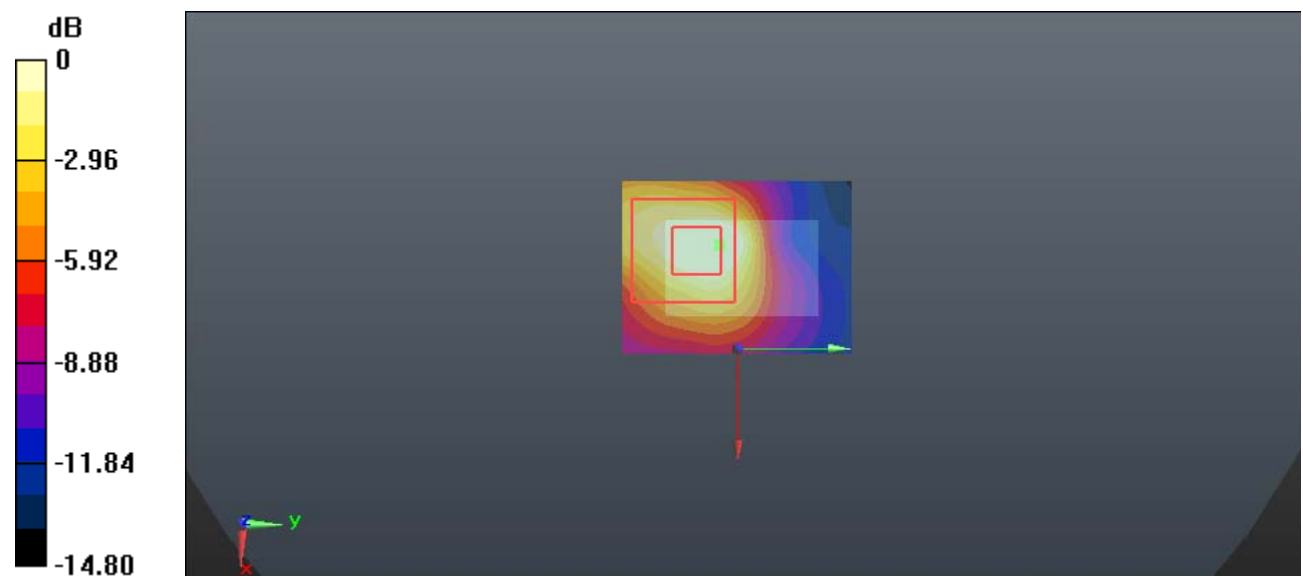
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.364 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0921 W/kg



0 dB = 0.0921 W/kg = -10.36 dBW/kg

Test Plot 7#: Bluetooth_8DPSK_3DH5_Bottom Side_Middle**DUT: LIBERATE AIR; Type: EM-DE011; Serial: 19031980122**

Communication System: Bluetooth(8DPSK, 3DH5); Frequency: 2441 MHz; Duty Cycle: 1:1.28

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.764$ S/m; $\epsilon_r = 40.088$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x41x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.150 W/kg

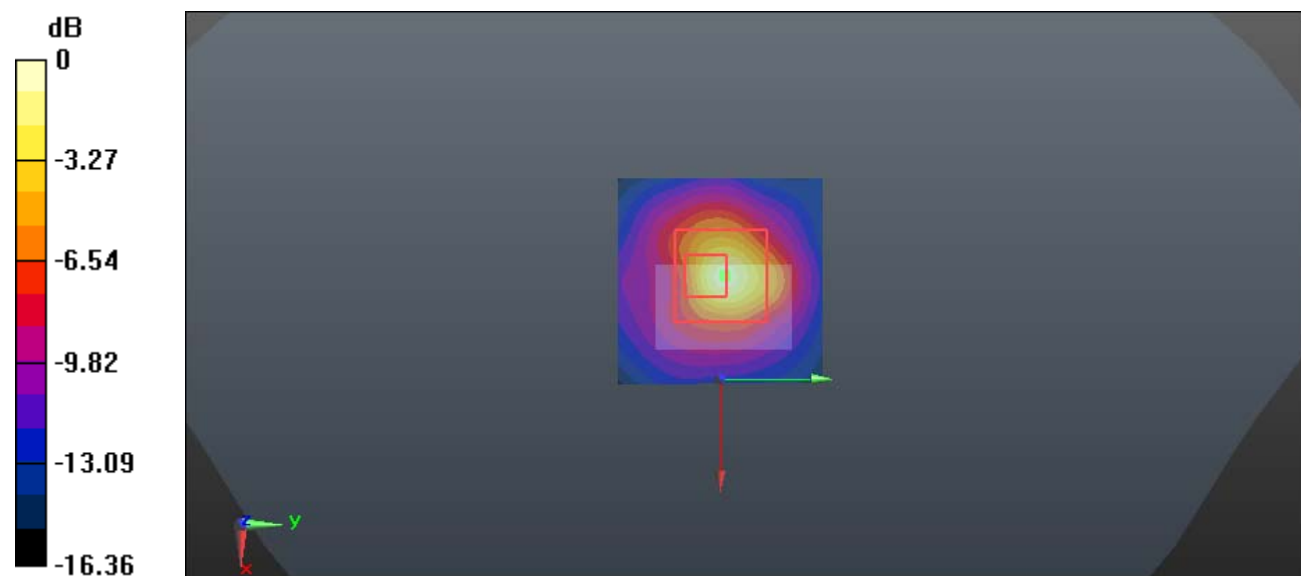
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.639 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.170 W/kg



0 dB = 0.170 W/kg = -7.70 dBW/kg