

Test Plot 1#: Bluetooth_8DPSK_3DH5_Front Side_Middle**DUT: LIBERATE AIR; Type: EM-DE011; Serial: 19031980121**

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

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.779$ S/m; $\epsilon_r = 40.257$; $\rho = 1000$ 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) = 0.0813 W/kg

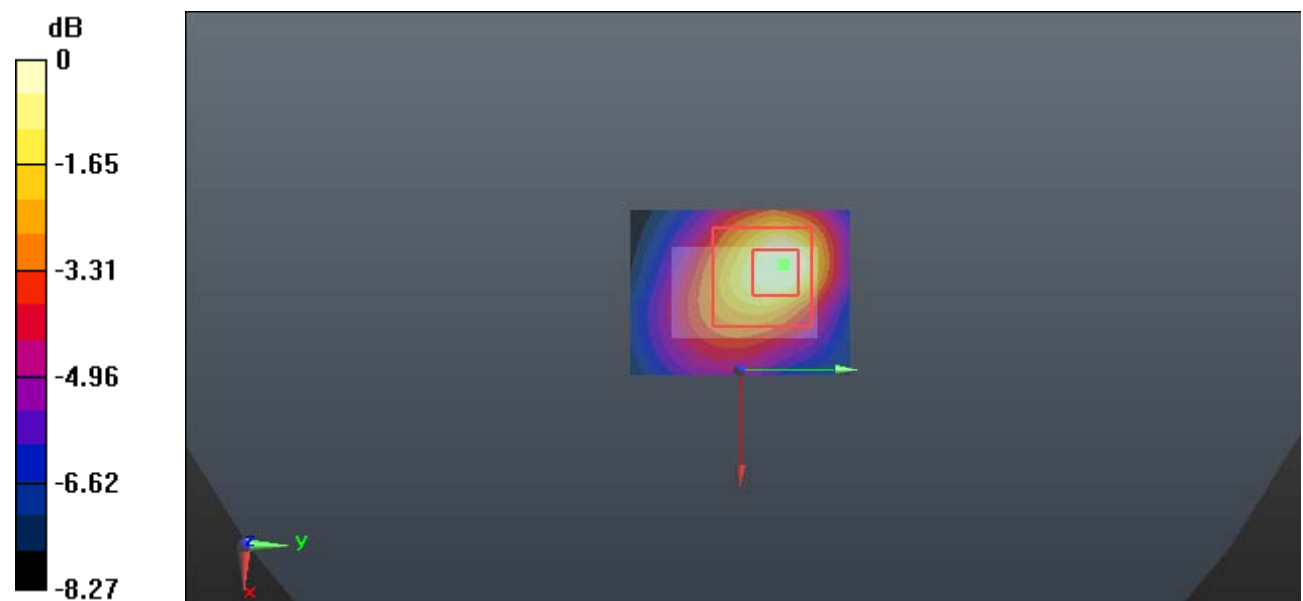
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.437 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0662 W/kg



0 dB = 0.0662 W/kg = -11.79 dBW/kg

Test Plot 2#: Bluetooth_8DPSK_3DH5_Left Side_Middle**DUT: LIBERATE AIR; Type: EM-DE011; Serial: 19031980121**

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

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.779$ S/m; $\epsilon_r = 40.257$; $\rho = 1000$ 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) = 0.115 W/kg

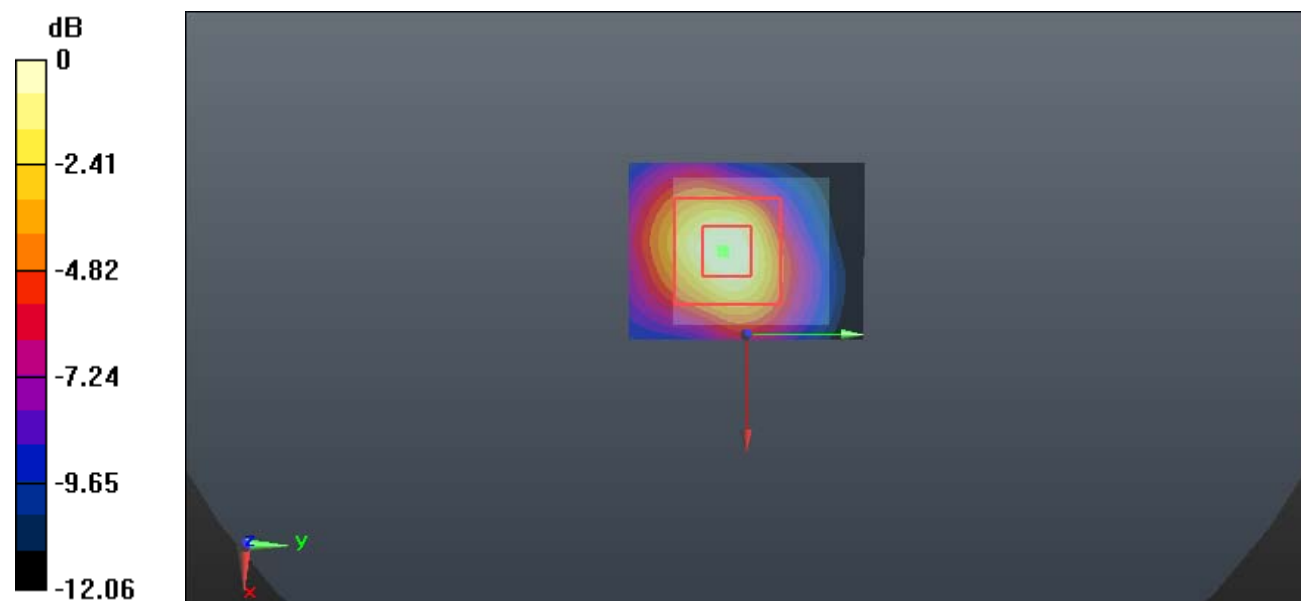
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.988 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.106 W/kg



0 dB = 0.106 W/kg = -9.75 dBW/kg

Test Plot 3#: Bluetooth_8DPSK_3DH5_Right Side_Low**DUT: LIBERATE AIR; Type: EM-DE011; Serial: 19031980121**

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

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.831$ S/m; $\epsilon_r = 38.271$; $\rho = 1000$ 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) = 0.379 W/kg

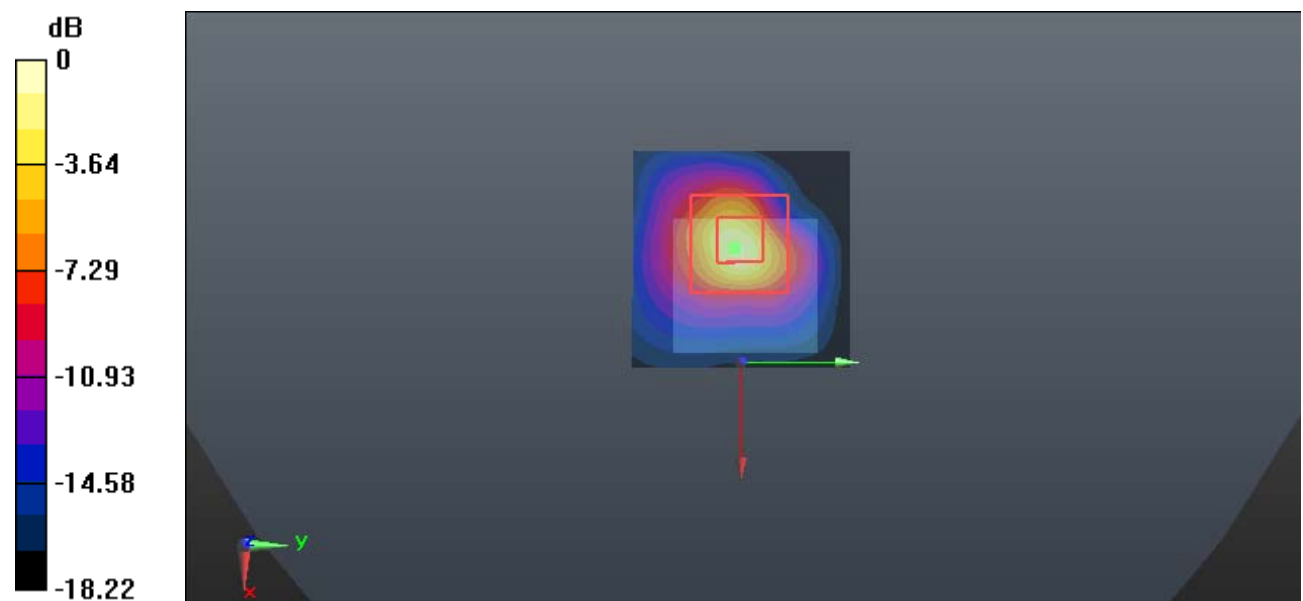
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.867 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.478 W/kg



0 dB = 0.478 W/kg = -3.21 dBW/kg

Test Plot 4#: Bluetooth_8DPSK_3DH5_Right Side_Middle**DUT: LIBERATE AIR; Type: EM-DE011; Serial: 19031980121**

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

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.779$ S/m; $\epsilon_r = 40.257$; $\rho = 1000$ 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) = 0.369 W/kg

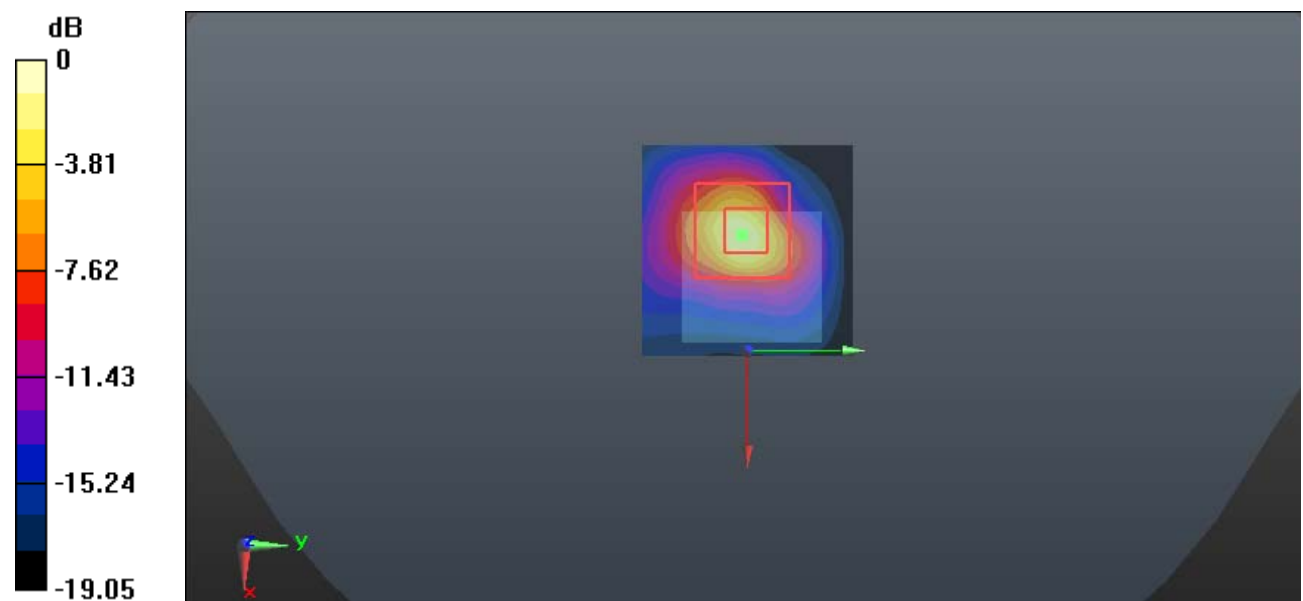
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.583 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.667 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.499 W/kg



0 dB = 0.499 W/kg = -3.02 dBW/kg

Test Plot 5#: Bluetooth_8DPSK_3DH5_Right Side_High**DUT: LIBERATE AIR; Type: EM-DE011; Serial: 19031980121**

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

Medium parameters used: $f = 2480$ MHz; $\sigma = 1.799$ S/m; $\epsilon_r = 38.242$; $\rho = 1000$ 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) = 0.309 W/kg

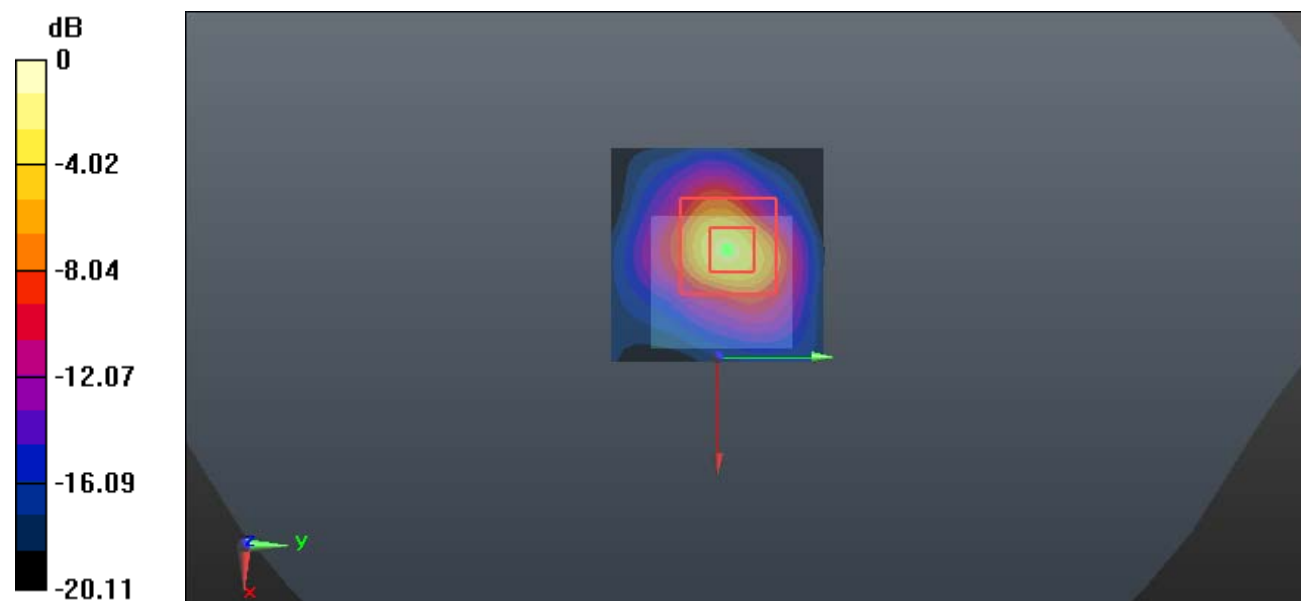
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.122 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.732 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.521 W/kg



0 dB = 0.521 W/kg = -2.83 dBW/kg

Test Plot 6#: Bluetooth_8DPSK_3DH5_Top Side_Middle**DUT: LIBERATE AIR; Type: EM-DE011; Serial: 19031980121**

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

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.779$ S/m; $\epsilon_r = 40.257$; $\rho = 1000$ 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) = 0.0557 W/kg

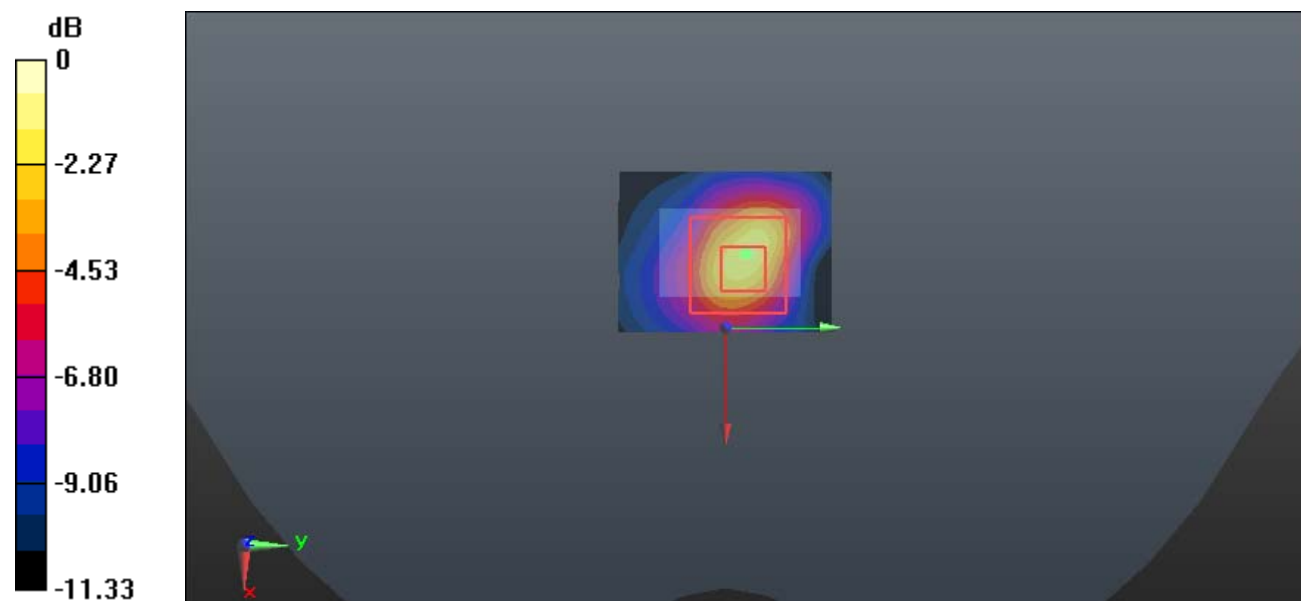
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.182 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0761 W/kg



0 dB = 0.0761 W/kg = -11.19 dBW/kg

Test Plot 7#: Bluetooth_8DPSK_3DH5_Bottom Side_Middle**DUT: LIBERATE AIR; Type: EM-DE011; Serial: 19031980121**

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

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.779$ S/m; $\epsilon_r = 40.257$; $\rho = 1000$ 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 (41x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0318 W/kg

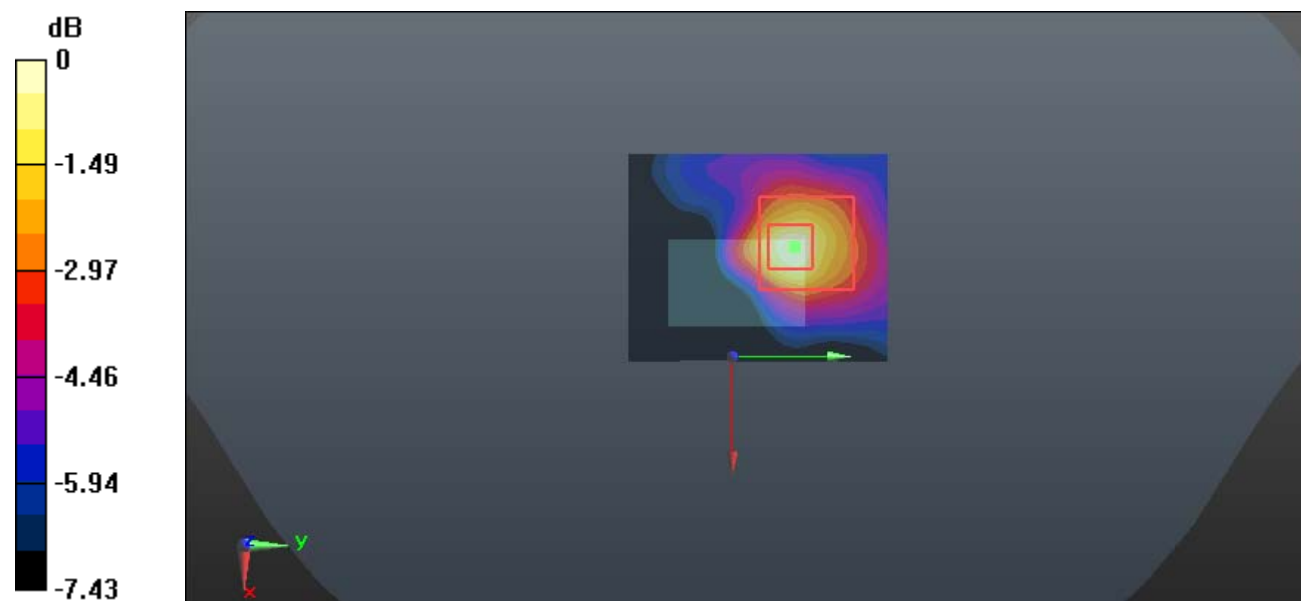
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.854 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0500 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0312 W/kg



0 dB = 0.0312 W/kg = -15.06 dBW/kg