

Test Plot 1#: RFID 900MHz_Back Side_Middle**DUT: RFID Module; Type: Q5000-UHF-NA; Serial: 18020100221**

Communication System: 4FSK; Frequency: 915.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.069$ S/m; $\epsilon_r = 54.583$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.86, 9.86, 9.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.39 W/kg

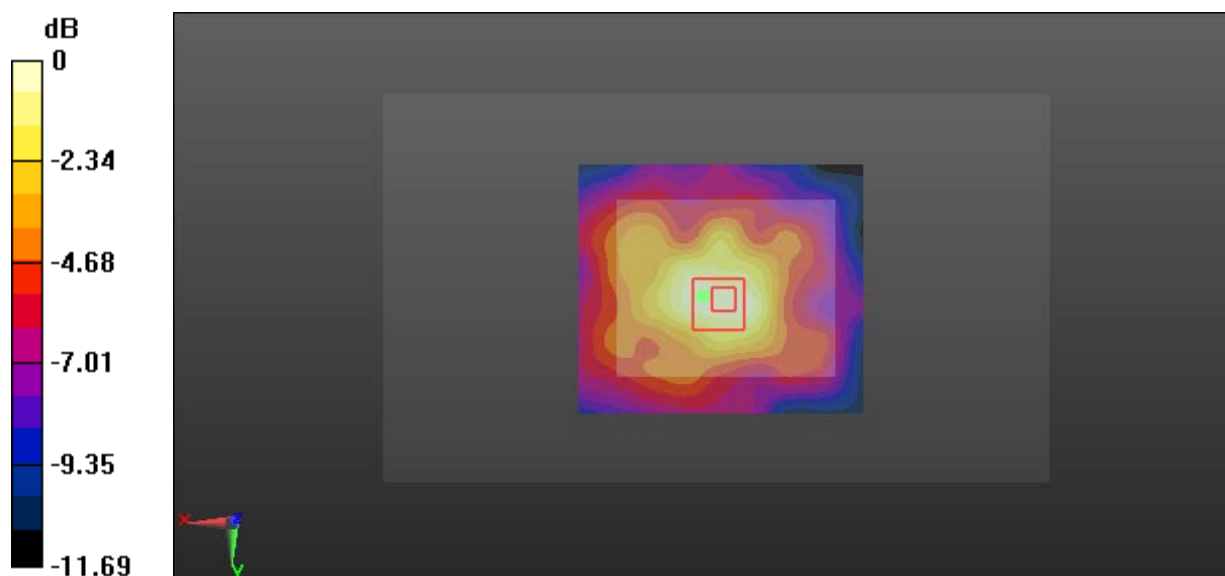
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.57 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.657 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



Test Plot 2#: RFID 900MHz_Back Left_Low**DUT: RFID Module; Type: Q5000-UHF-NA; Serial: 18020100221**

Communication System: 4FSK; Frequency: 902.75 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 902.75$ MHz; $\sigma = 1.064$ S/m; $\epsilon_r = 54.543$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.86, 9.86, 9.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.68 W/kg

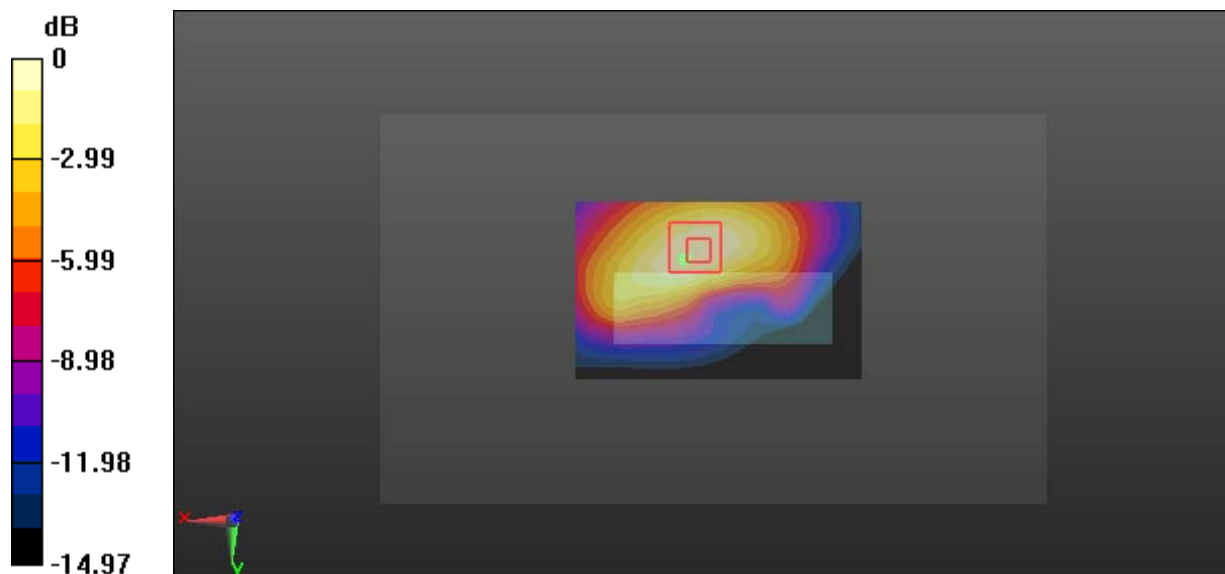
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.91 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.11 W/kg

SAR(1 g) = 1.95 W/kg; SAR(10 g) = 1.24 W/kg

Maximum value of SAR (measured) = 2.60 W/kg



0 dB = 2.60 W/kg = 4.15 dBW/kg

Test Plot 3#: RFID 900MHz_Back Left_Middle**DUT: RFID Module; Type: Q5000-UHF-NA; Serial: 18020100221**

Communication System: 4FSK; Frequency: 915.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.069$ S/m; $\epsilon_r = 54.583$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.86, 9.86, 9.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.01 W/kg

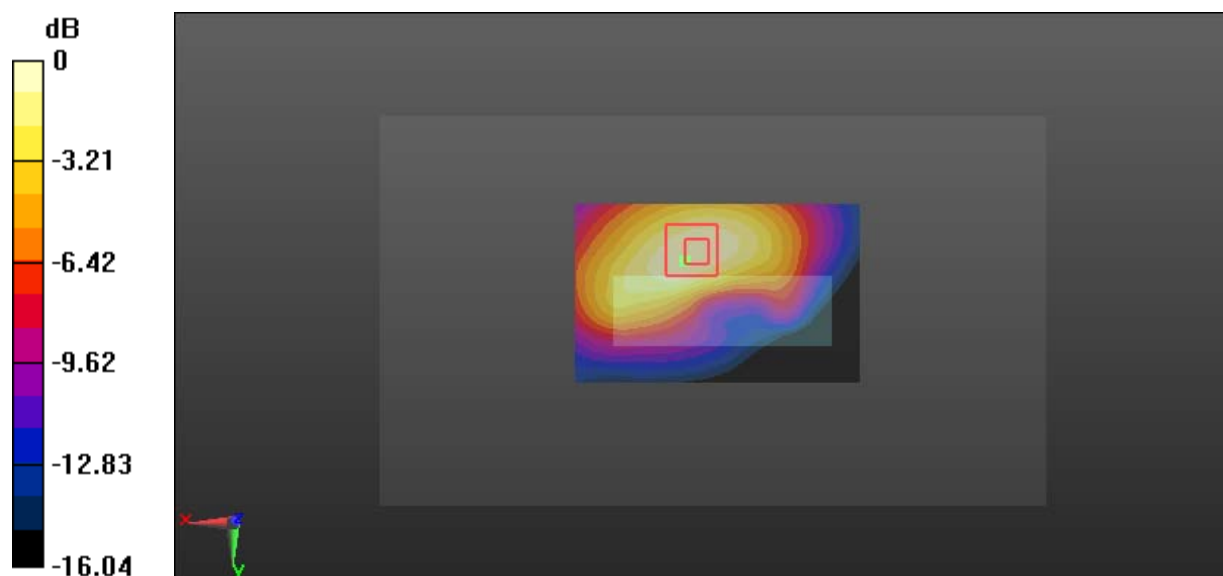
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.83 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 5.77 W/kg

SAR(1 g) = 3.63 W/kg; SAR(10 g) = 2.32 W/kg

Maximum value of SAR (measured) = 4.84 W/kg



0 dB = 4.84 W/kg = 6.85 dBW/kg

Test Plot 4#: RFID 900MHz_Back Left_High**DUT: RFID Module; Type: Q5000-UHF-NA; Serial: 18020100221**

Communication System: 4FSK; Frequency: 927.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 927.25$ MHz; $\sigma = 1.103$ S/m; $\epsilon_r = 54.351$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.86, 9.86, 9.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.96 W/kg

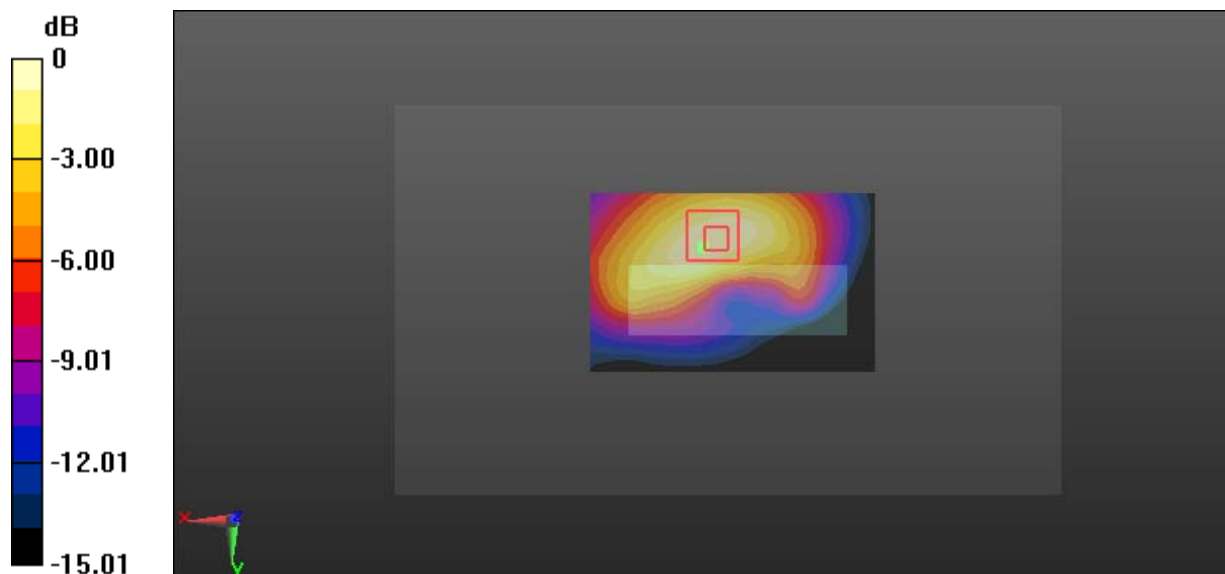
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.78 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 5.99 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 2.37 W/kg

Maximum value of SAR (measured) = 5.04 W/kg



0 dB = 5.04 W/kg = 7.02 dBW/kg

Test Plot 5#: RFID 900MHz_Back Right_Low**DUT: RFID Module; Type: Q5000-UHF-NA; Serial: 18020100221**

Communication System: 4FSK; Frequency: 902.75 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 902.75$ MHz; $\sigma = 1.064$ S/m; $\epsilon_r = 54.543$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.86, 9.86, 9.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.22 W/kg

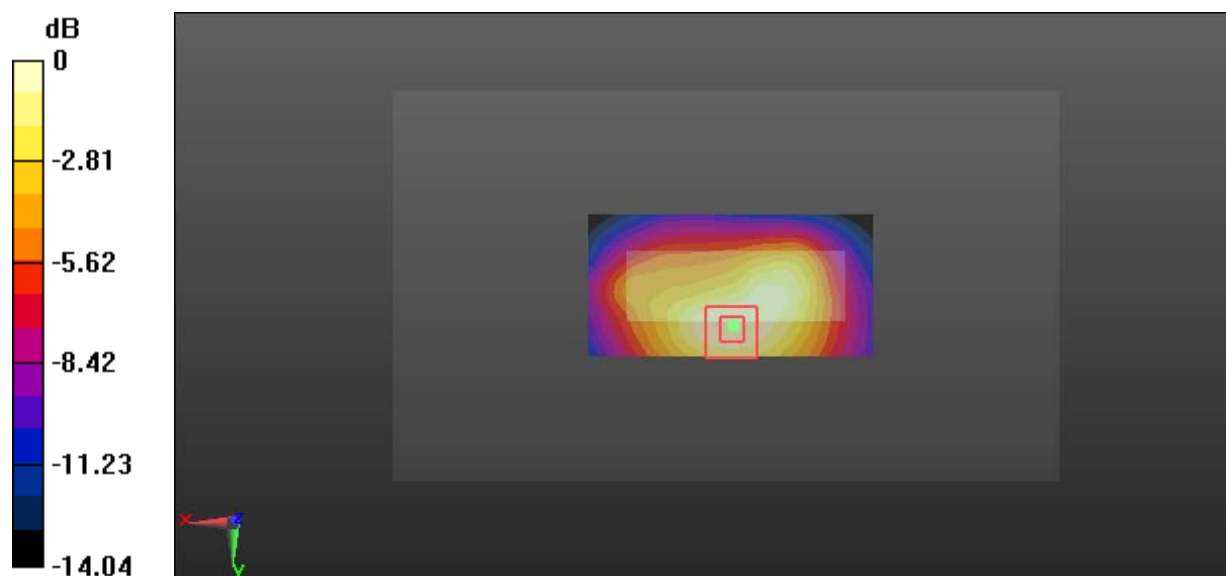
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.64 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.63 W/kg; SAR(10 g) = 1.06 W/kg

Maximum value of SAR (measured) = 2.18 W/kg



0 dB = 2.18 W/kg = 3.38 dBW/kg

Test Plot 6#: RFID 900MHz_Back Right_Middle**DUT: RFID Module; Type: Q5000-UHF-NA; Serial: 18020100221**

Communication System: 4FSK; Frequency: 915.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.069$ S/m; $\epsilon_r = 54.583$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.86, 9.86, 9.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.11 W/kg

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

Reference Value = 51.16 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 5.85 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 2.39 W/kg

Maximum value of SAR (measured) = 5.09 W/kg



0 dB = 5.09 W/kg = 7.07 dBW/kg

Test Plot 7#: RFID 900MHz_Back Right_High**DUT: RFID Module; Type: Q5000-UHF-NA; Serial: 18020100221**

Communication System: 4FSK; Frequency: 927.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 927.25$ MHz; $\sigma = 1.103$ S/m; $\epsilon_r = 54.351$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.86, 9.86, 9.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (81x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.56 W/kg

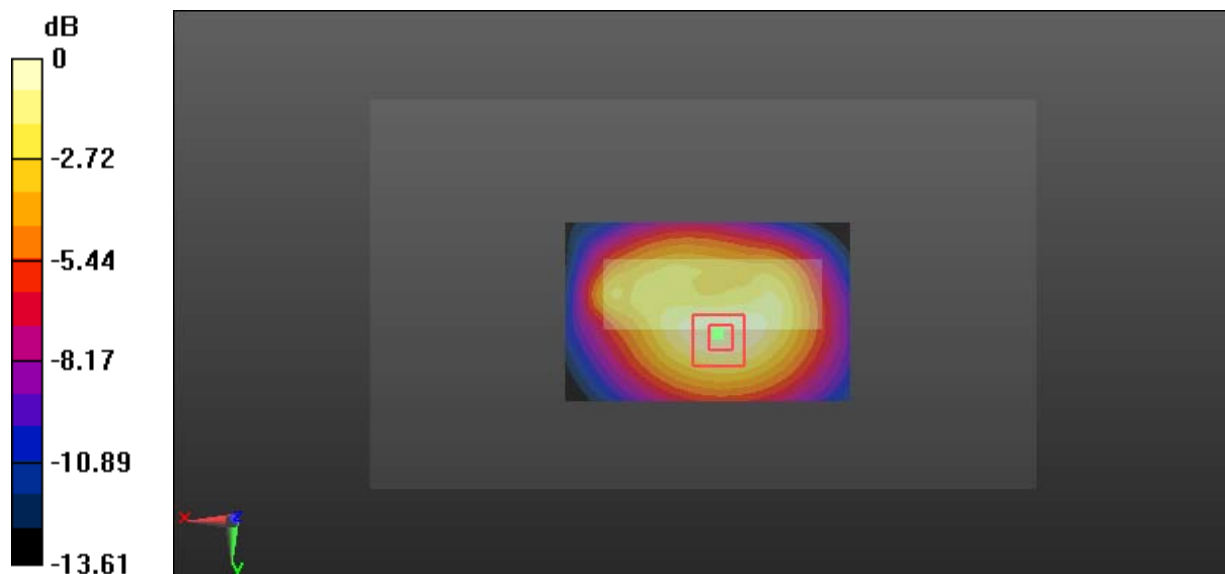
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.22 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 6.13 W/kg

SAR(1 g) = 4.06 W/kg; SAR(10 g) = 2.63 W/kg

Maximum value of SAR (measured) = 5.44 W/kg



0 dB = 5.44 W/kg = 7.36 dBW/kg

Test Plot 8#: RFID 900MHz_Back Bottom_Middle**DUT: RFID Module; Type: Q5000-UHF-NA; Serial: 18020100221**

Communication System: 4FSK; Frequency: 915.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.069$ S/m; $\epsilon_r = 54.583$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.86, 9.86, 9.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.68 W/kg

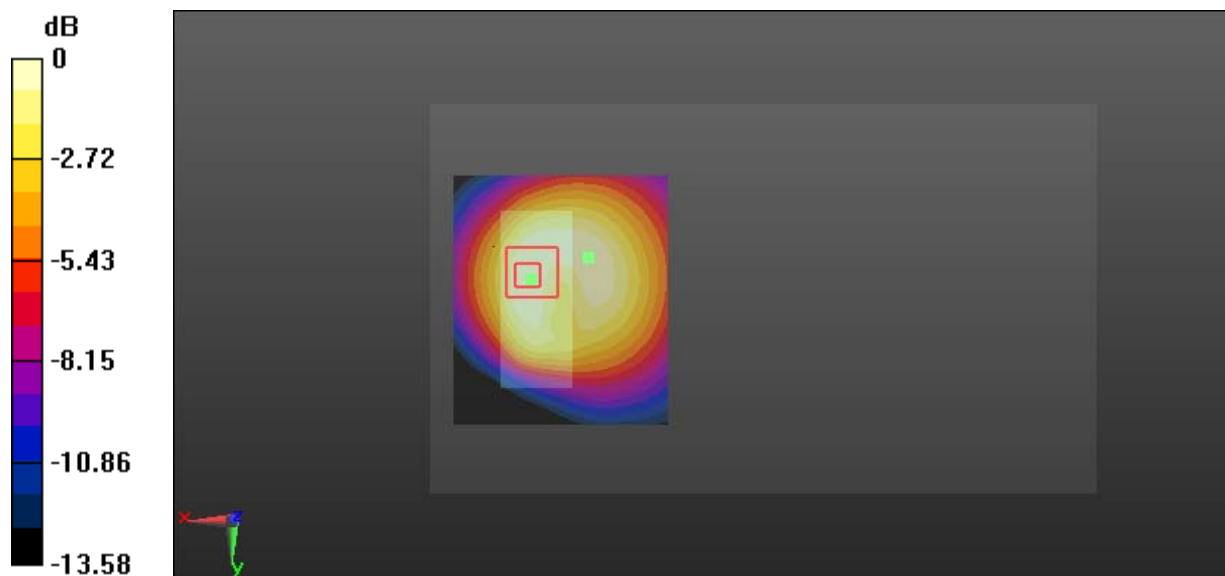
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.72 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.08 W/kg

SAR(1 g) = 1.8 W/kg; SAR(10 g) = 1.09 W/kg

Maximum value of SAR (measured) = 2.57 W/kg



0 dB = 2.57 W/kg = 4.10 dBW/kg