

Wi-Fi 2.4GHz_0709

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.932$ S/m; $\epsilon_r = 52.285$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2014-08-25
- Probe: EX3DV4 - SN7323; ConvF(7.3, 7.3, 7.3); Calibrated: 2014-12-05;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:2005

Rear(Dist 4mm)/802.11b_ch 6 SISO Chan 0/Area Scan (8x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.686 W/kg

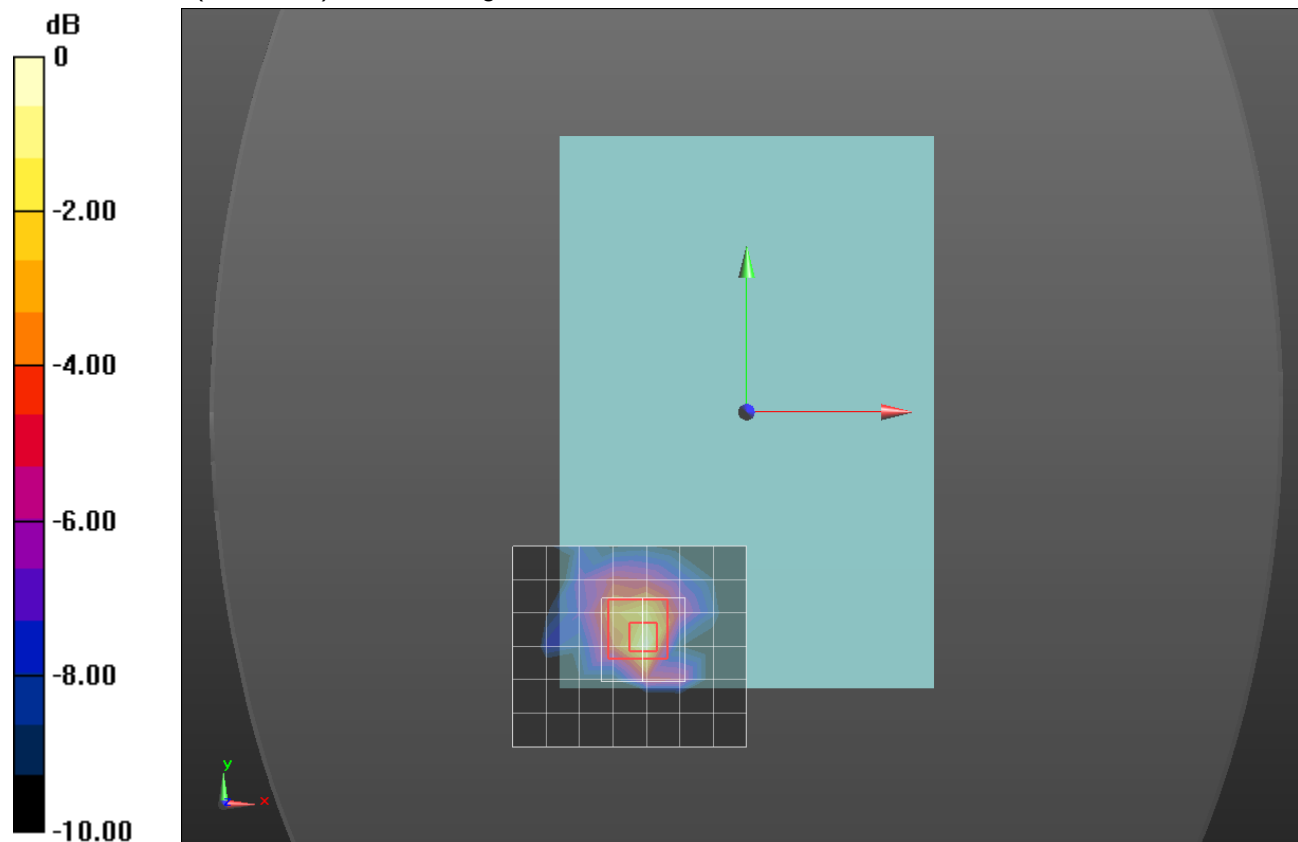
Rear(Dist 4mm)/802.11b_ch 6 SISO Chan 0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.22 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 0.717 W/kg



0 dB = 0.717 W/kg = -1.44 dBW/kg

Wi-Fi 5GHz_MIMO_Reduced

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5290$ MHz; $\sigma = 5.339$ S/m; $\epsilon_r = 48.219$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2014-08-25
- Probe: EX3DV4 - SN7323; ConvF(4.56, 4.56, 4.56); Calibrated: 2014-12-05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1166

Rear (7_13)/802.11ac_ch 58 MIMO PLS 8/Area Scan (8x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.32 W/kg

Rear (7_13)/802.11ac_ch 58 MIMO PLS 8/Zoom Scan (8x8x12)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.09 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 5.90 W/kg

SAR(1 g) = 0.922 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 2.49 W/kg

Rear (7_13)/802.11ac_ch 58 MIMO PLS 8/Zoom Scan 2 (8x8x12)/Cube 0: Measurement grid:

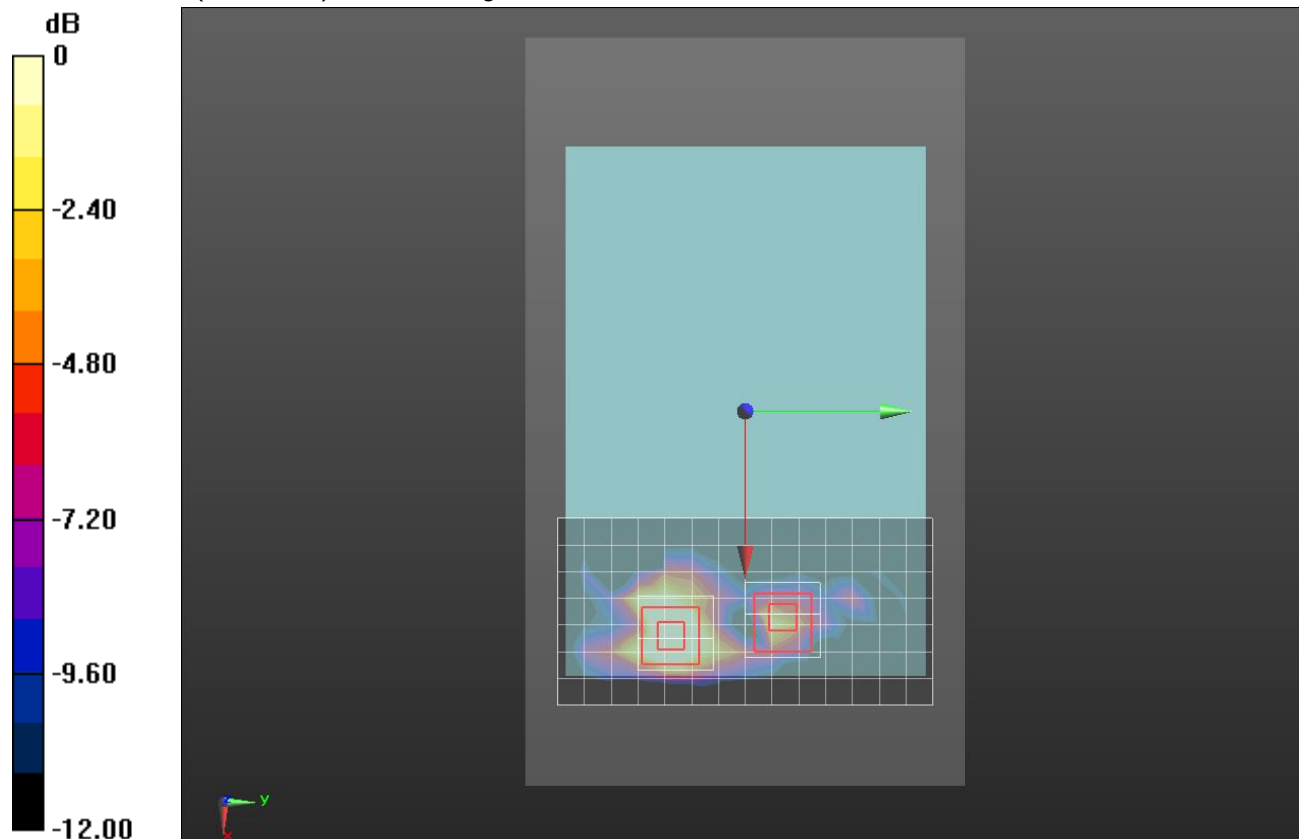
dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.09 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.662 W/kg

SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.321 W/kg



0 dB = 0.321 W/kg = -4.93 dBW/kg

Wi-Fi 5GHz_MIMO_Reduced

Frequency: 5690 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5690$ MHz; $\sigma = 5.899$ S/m; $\epsilon_r = 47.498$; $\rho = 1000$ kg/m³

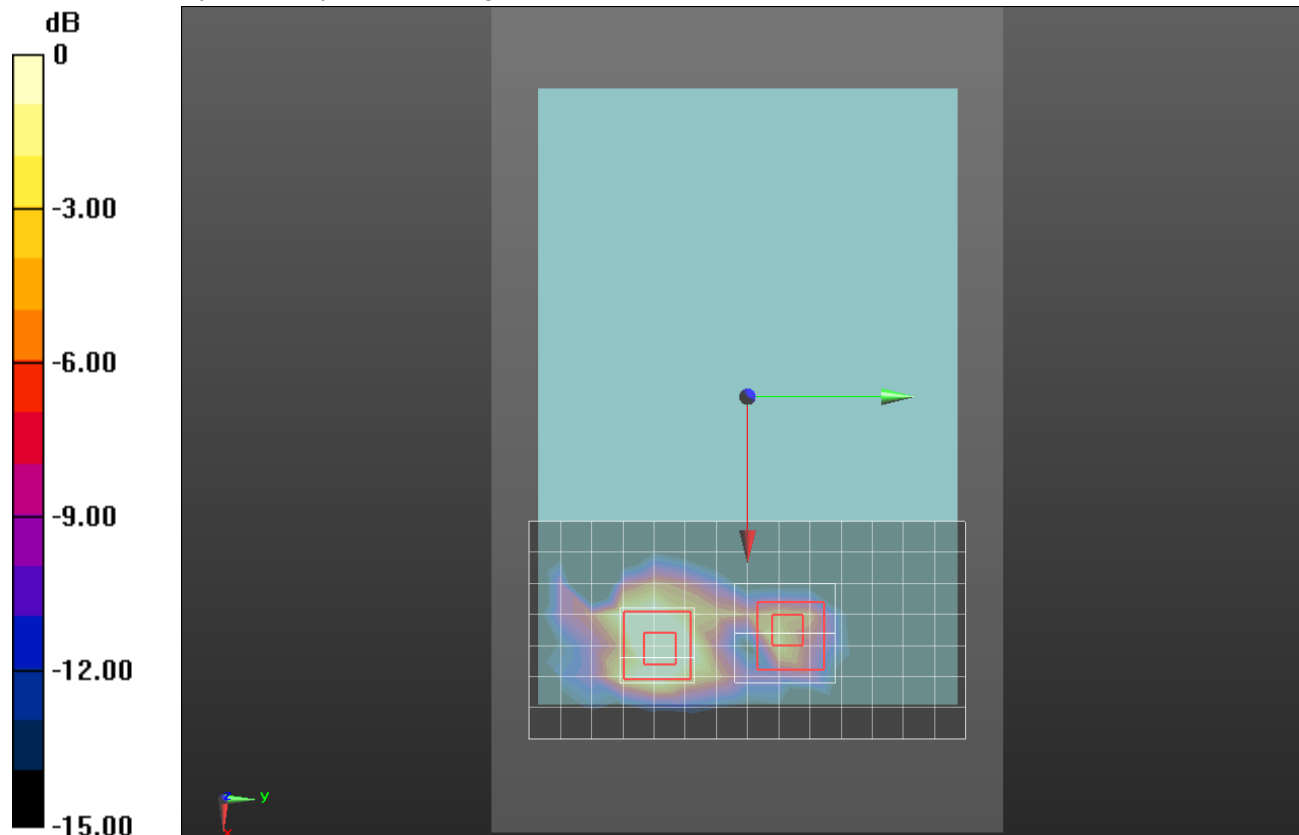
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2014-08-25
- Probe: EX3DV4 - SN7323; ConvF(3.92, 3.92, 3.92); Calibrated: 2014-12-05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1166

Rear (7_13)/802.11ac_ch 138 MIMO PLS 8/Area Scan (8x15x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 2.14 W/kg

Rear (7_13)/802.11ac_ch 138 MIMO PLS 8/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 20.94 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 6.38 W/kg
SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.203 W/kg
 Maximum value of SAR (measured) = 2.37 W/kg

Rear (7_13)/802.11ac_ch 138 MIMO PLS 8/Zoom Scan 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 20.94 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 0.654 W/kg
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.029 W/kg
 Maximum value of SAR (measured) = 0.366 W/kg



0 dB = 0.366 W/kg = -4.37 dBW/kg

Wi-Fi 5GHz_MIMO_Reduced

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 6.017 \text{ S/m}$; $\epsilon_r = 47.374$; $\rho = 1000 \text{ kg/m}^3$

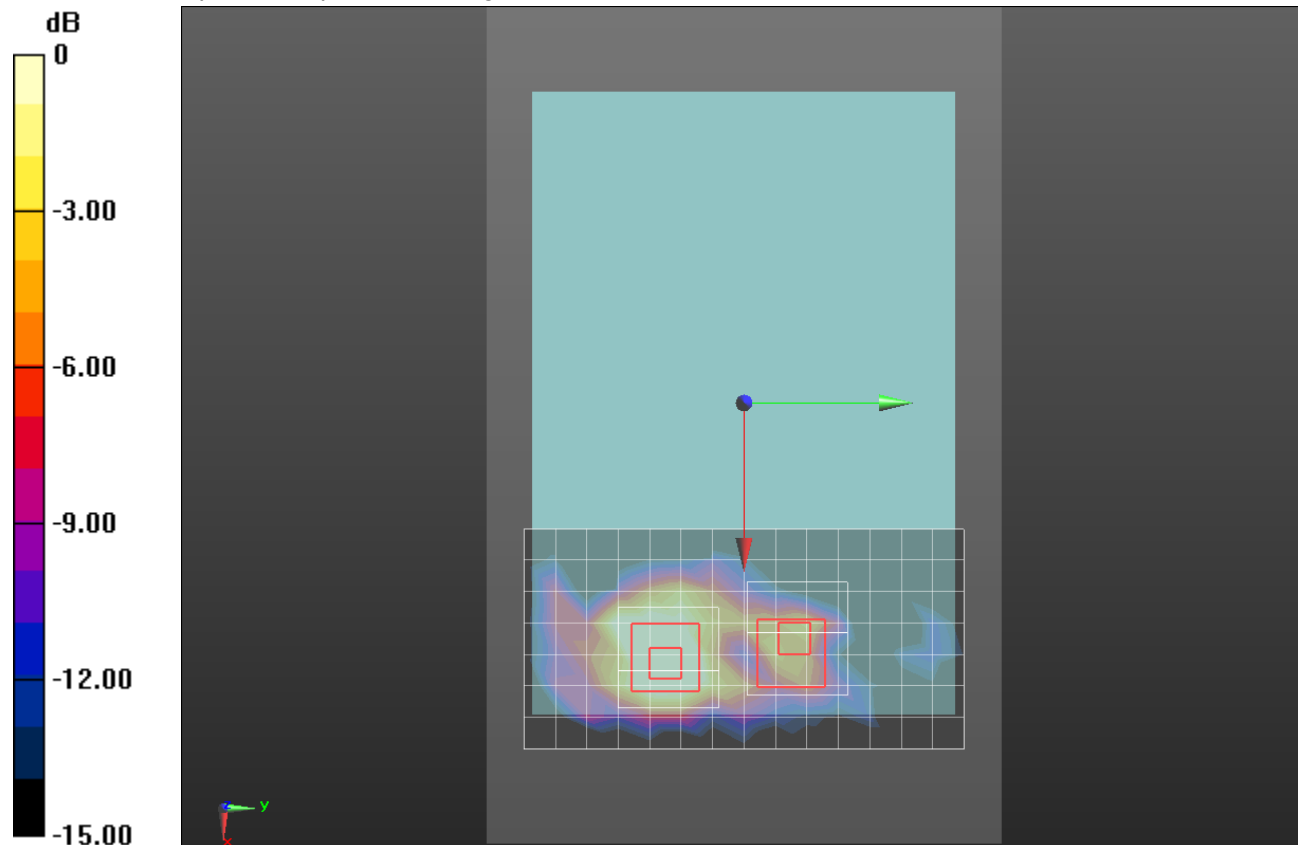
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2014-08-25
- Probe: EX3DV4 - SN7323; ConvF(4.15, 4.15, 4.15); Calibrated: 2014-12-05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1166

Rear (7_13)/802.11ac_ch 155 MIMO PLS 8/Area Scan (8x15x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.856 W/kg

Rear (7_13)/802.11ac_ch 155 MIMO PLS 8/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 13.14 V/m; Power Drift = 0.08 dB
 Peak SAR (extrapolated) = 4.84 W/kg
SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.152 W/kg
 Maximum value of SAR (measured) = 1.74 W/kg

Rear (7_13)/802.11ac_ch 155 MIMO PLS 8/Zoom Scan 2 (10x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 13.14 V/m; Power Drift = 0.08 dB
 Peak SAR (extrapolated) = 0.374 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.018 W/kg
 Maximum value of SAR (measured) = 0.195 W/kg



0 dB = 0.195 W/kg = -7.10 dBW/kg

Bluetooth

Frequency: 2402 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.886$ S/m; $\epsilon_r = 53.236$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2014-08-25
- Probe: EX3DV4 - SN7323; ConvF(7.3, 7.3, 7.3); Calibrated: 2014-12-05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:2005

Rear/Bluetooth GFSK__ch0/Area Scan (15x6x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0769 W/kg

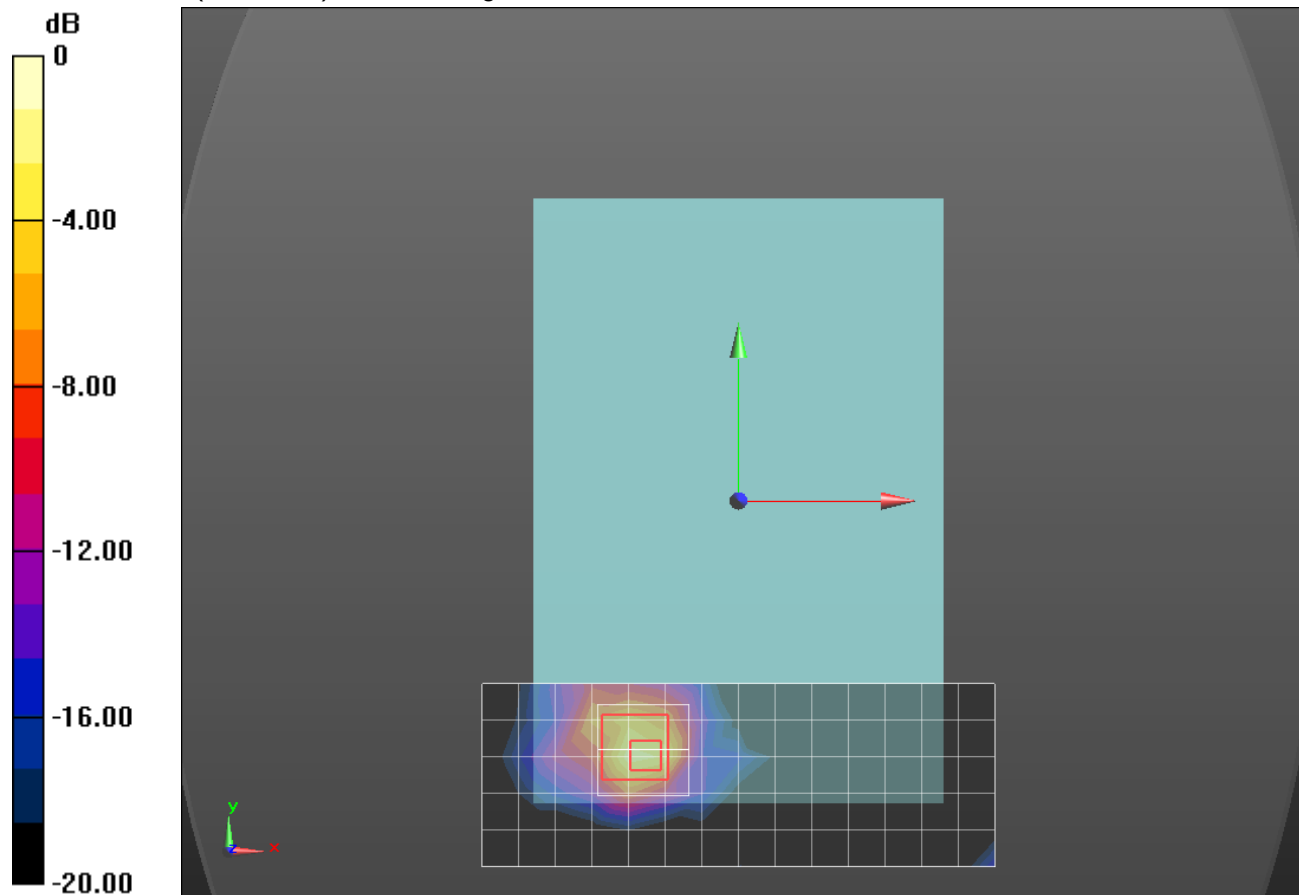
Rear/Bluetooth GFSK__ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.533 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.114 W/kg = -9.43 dBW/kg