

20160725_SystemPerformanceCheck-D5GHzV2 SN 1184

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.081$ 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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1447; Calibrated: 2015-09-23
- Probe: EX3DV4 - SN7314; ConvF(3.91, 3.91, 3.91); Calibrated: 2015-09-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: xxxx

Body/5.8 GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 18.8 W/kg

Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,

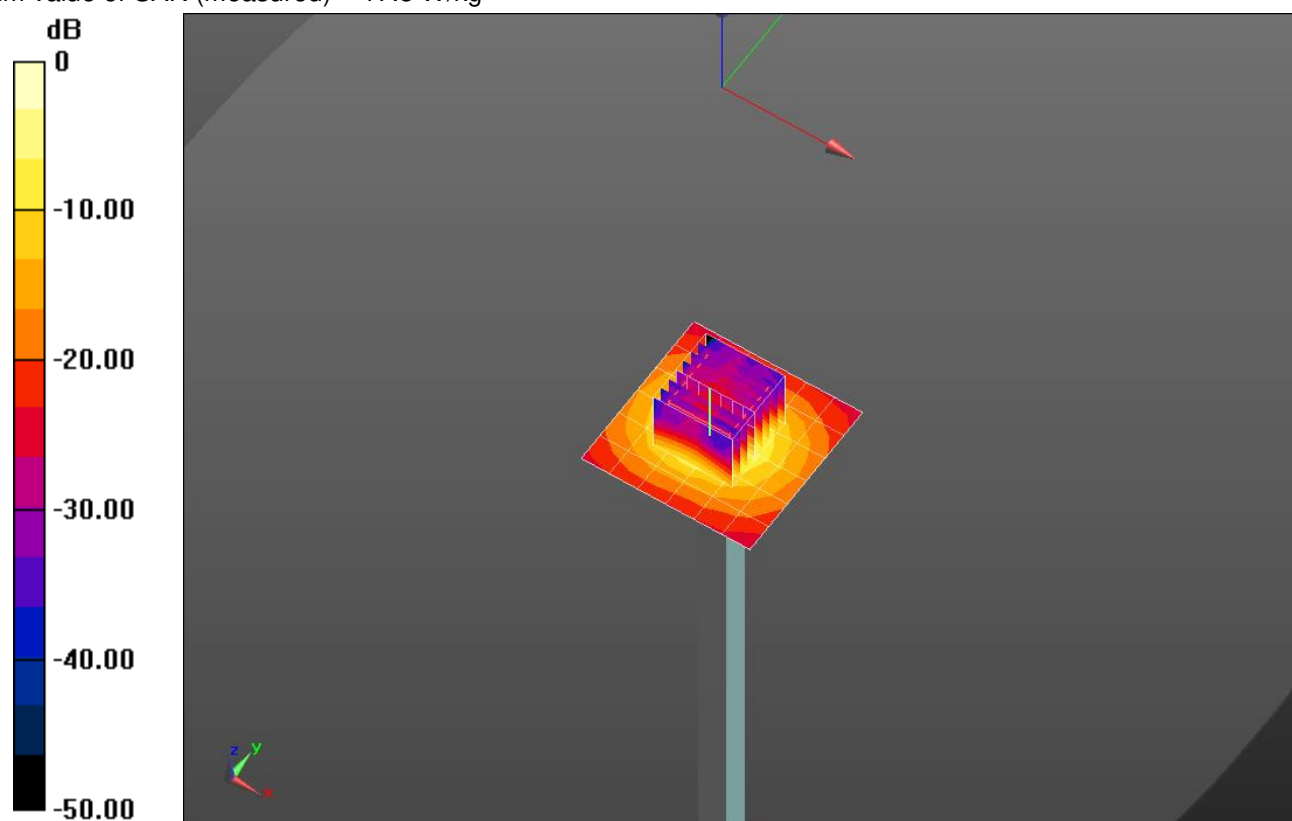
dz=1.4mm

Reference Value = 50.97 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 31.2 W/kg

SAR(1 g) = 7.38 W/kg; SAR(10 g) = 2.07 W/kg

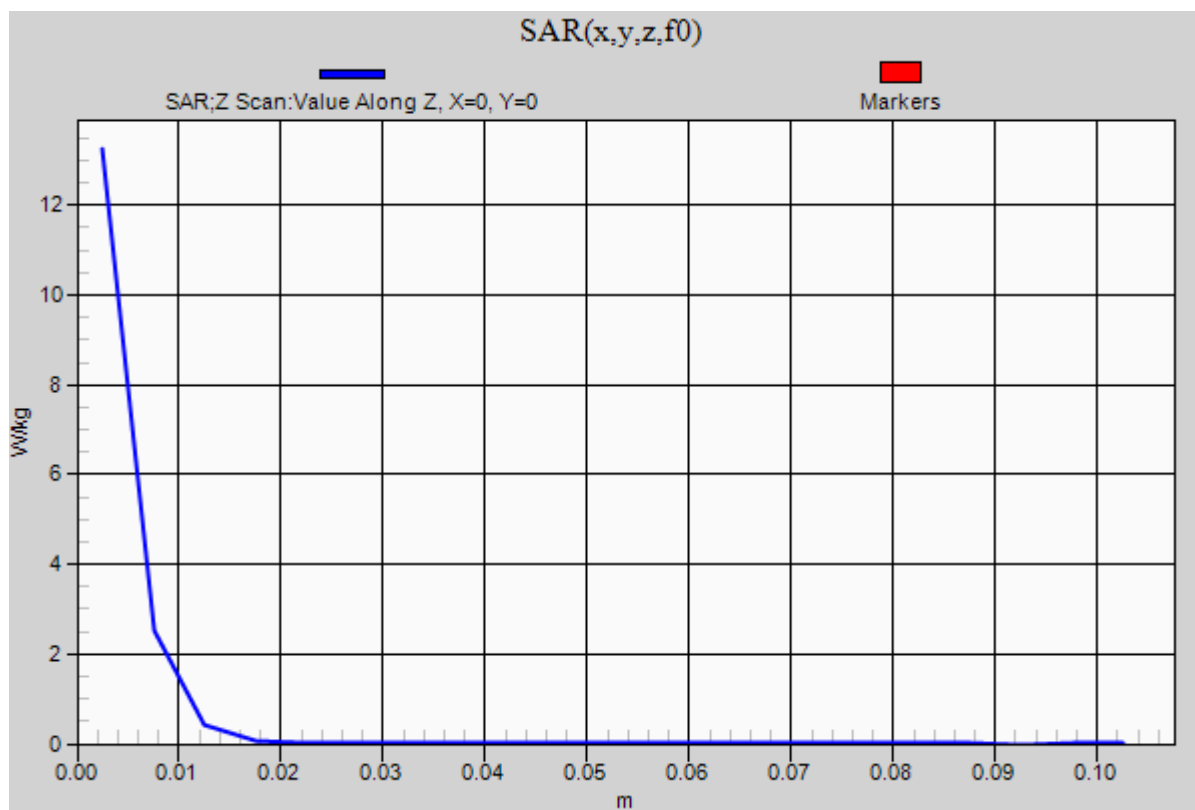
Maximum value of SAR (measured) = 17.8 W/kg



0 dB = 17.8 W/kg = 12.50 dBW/kg

20160725_SystemPerformanceCheck-D5GHzV2 SN 1184

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.3 W/kg

20160809_SystemPerformanceCheck-D5GHzV2 SN 1184

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.87$ S/m; $\epsilon_r = 47.422$; $\rho = 1000$ 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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1447; Calibrated: 2015-09-23
- Probe: EX3DV4 - SN7314; ConvF(3.91, 3.91, 3.91); Calibrated: 2015-09-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: xxxx

Body/5.8 GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 18.4 W/kg

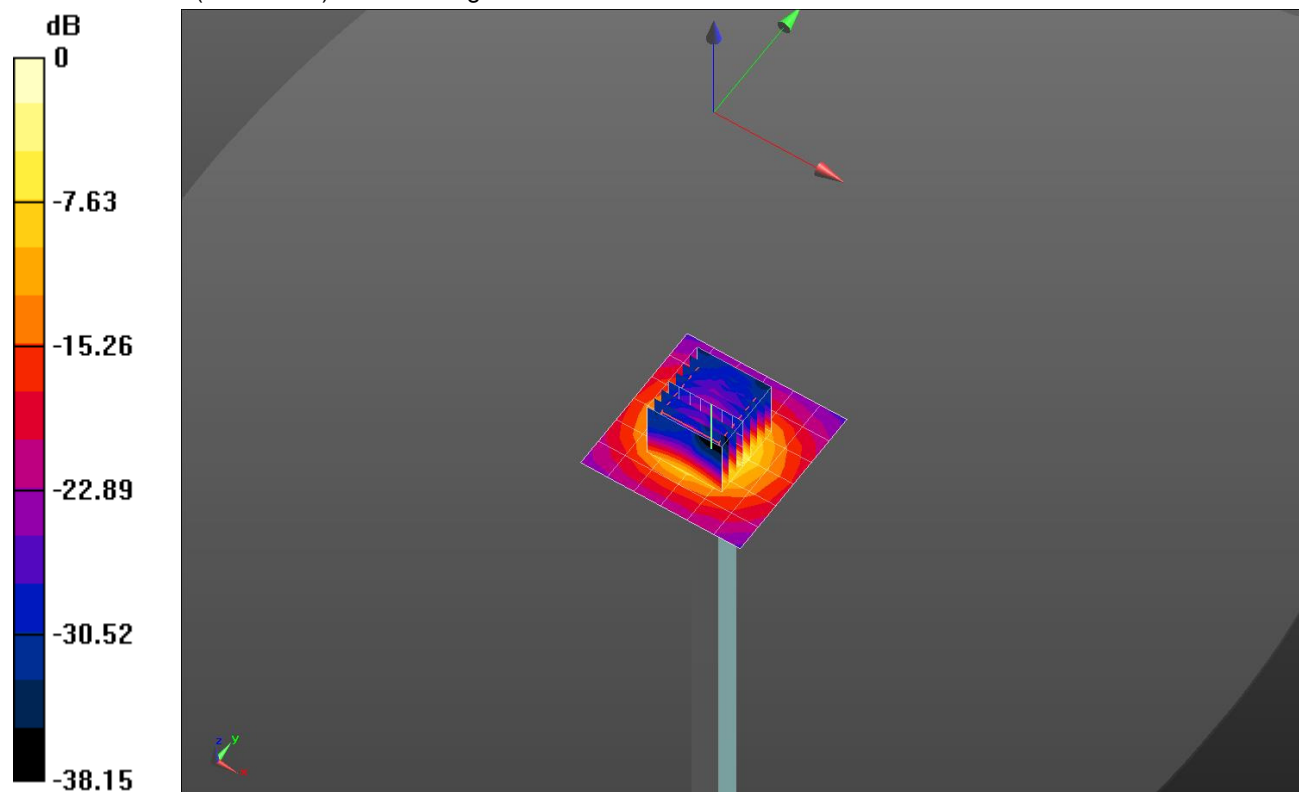
Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.67 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 30.0 W/kg

SAR(1 g) = 7.23 W/kg; SAR(10 g) = 2.03 W/kg

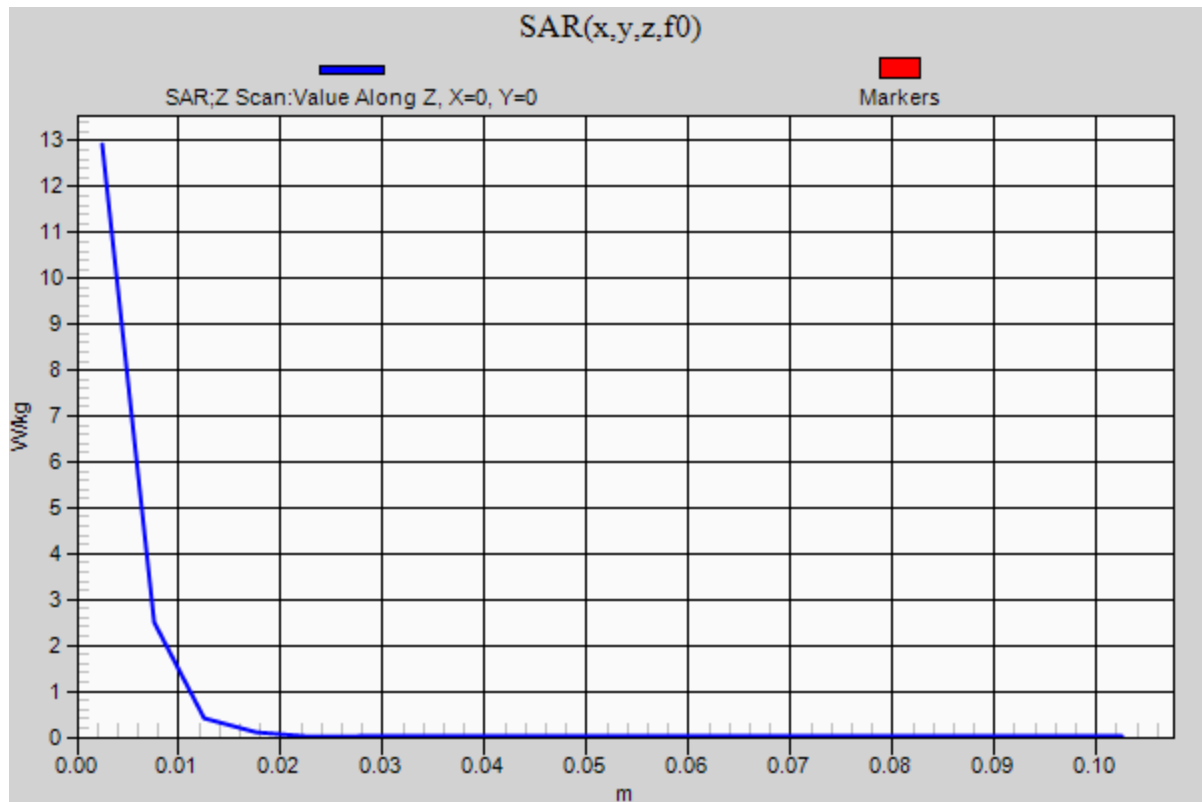
Maximum value of SAR (measured) = 17.4 W/kg



0 dB = 17.4 W/kg = 12.41 dBW/kg

20160809_SystemPerformanceCheck-D5GHzV2 SN 1184

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 12.9 W/kg

20160628_SystemPerformanceCheck-D1900V2 SN 5d199

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.587$ S/m; $\epsilon_r = 53.635$; $\rho = 1000$ 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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1468; Calibrated: 2015-09-15
- Probe: EX3DV4 - SN7376; ConvF(7.72, 7.72, 7.72); Calibrated: 2015-09-02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

Body/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 5.95 W/kg

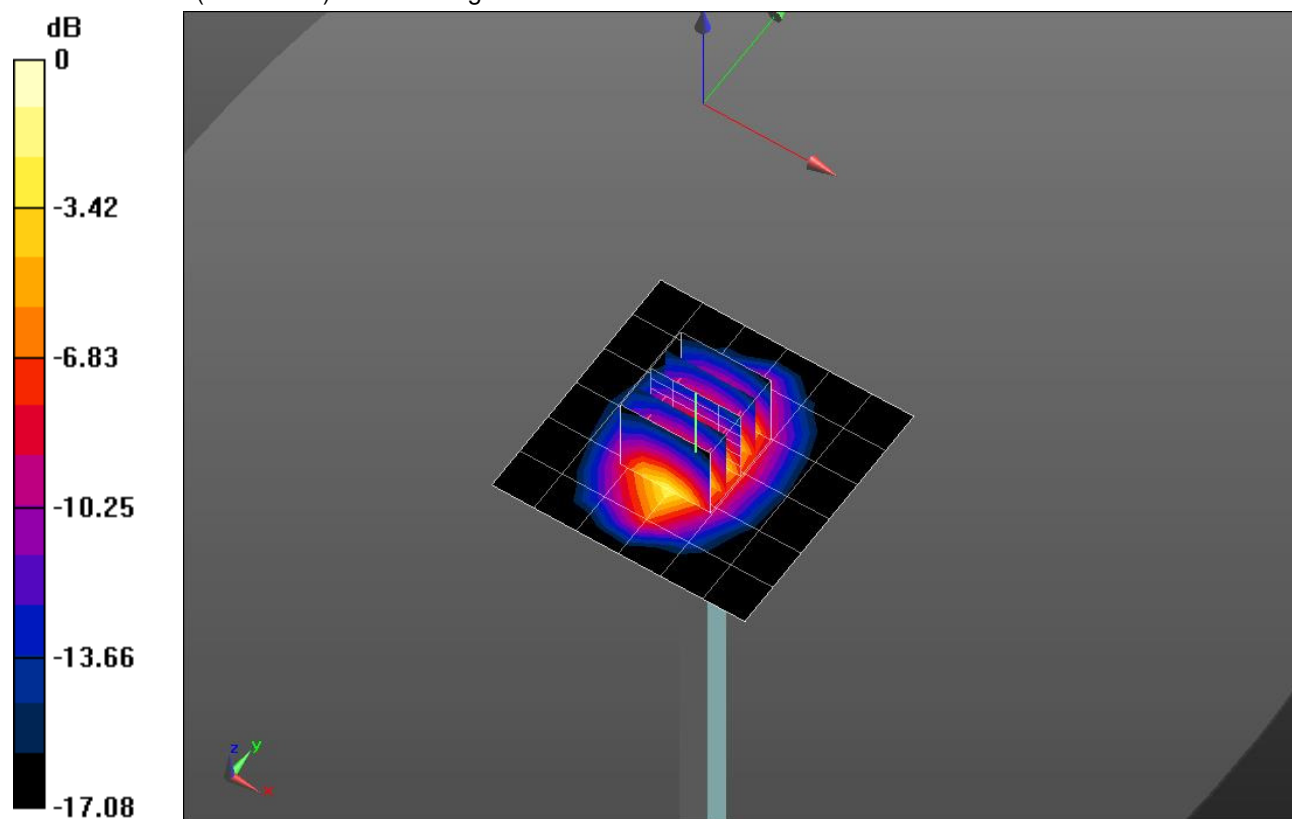
Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 62.40 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 7.71 W/kg

SAR(1 g) = 4.2 W/kg; SAR(10 g) = 2.17 W/kg

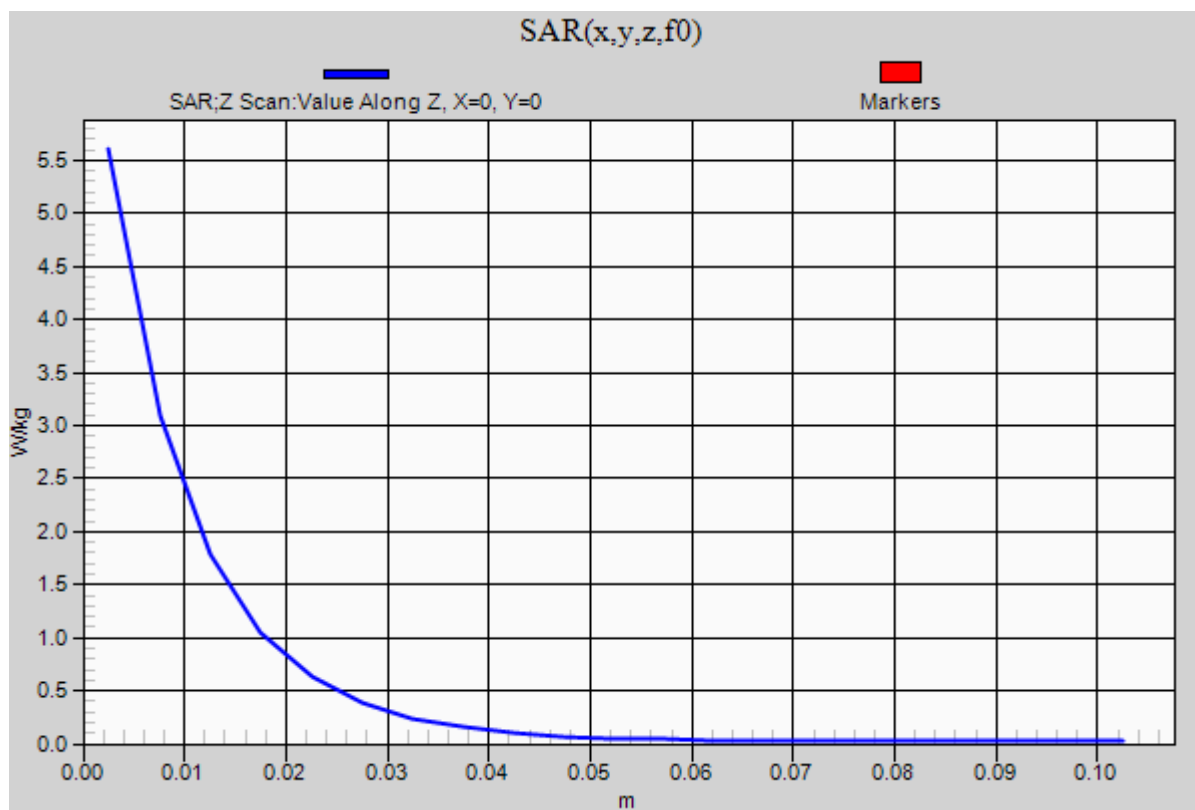
Maximum value of SAR (measured) = 6.08 W/kg



0 dB = 6.08 W/kg = 7.84 dBW/kg

20160628_SystemPerformanceCheck-D1900V2 SN 5d199

Frequency: 1900 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 5.60 W/kg

20160721_SystemPerformanceCheck-D750V2 SN 1122

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 750$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 55.559$; $\rho = 1000$ 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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1468; Calibrated: 2015-09-15
- Probe: EX3DV4 - SN7376; ConvF(10.33, 10.33, 10.33); Calibrated: 2015-09-02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

Body/Pin=100 mW/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

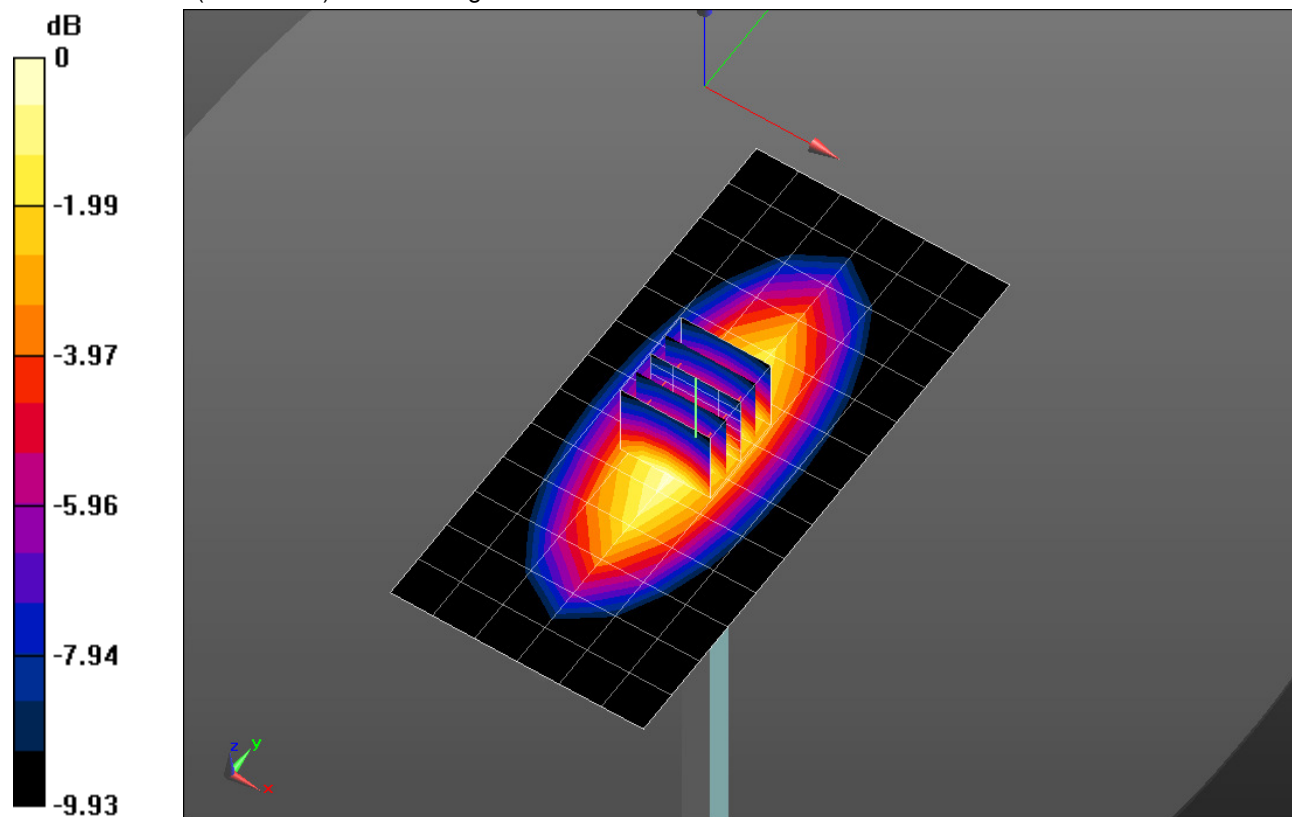
Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.77 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.558 W/kg

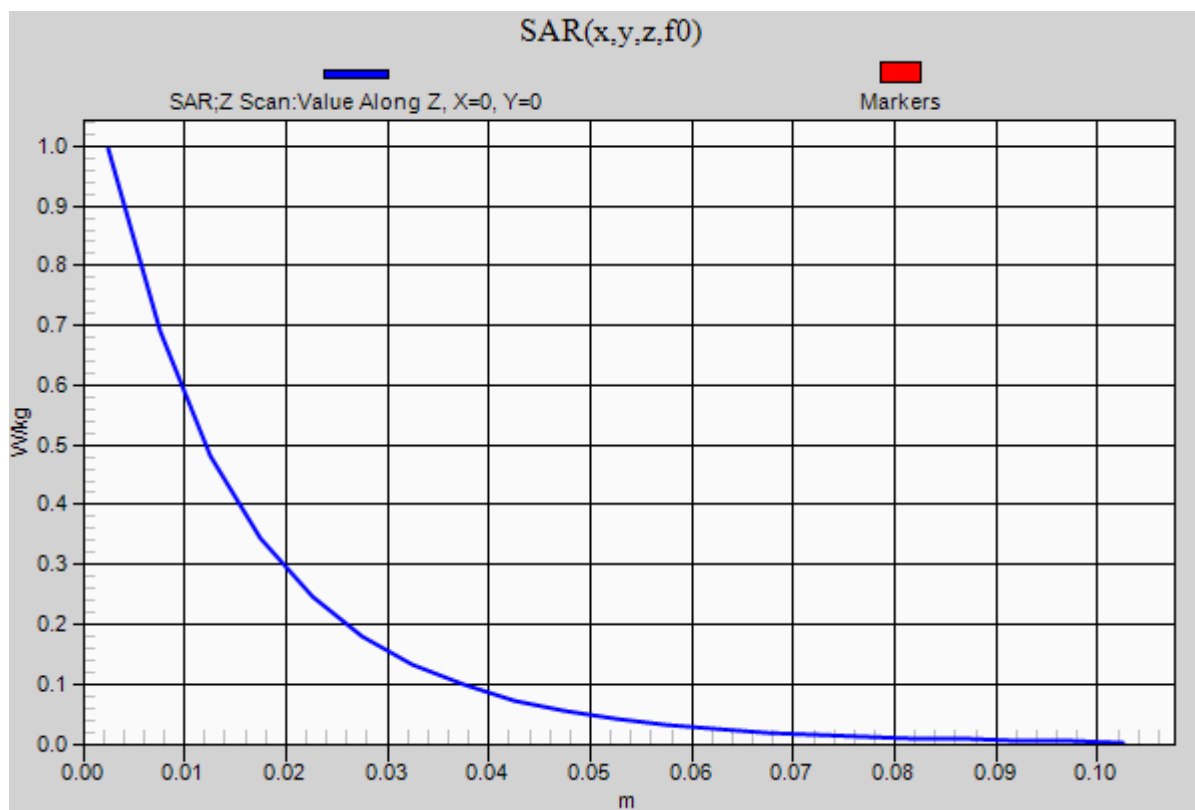
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

20160721_SystemPerformanceCheck-D750V2 SN 1122

Frequency: 750 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.995 W/kg

20160726_SystemPerformanceCheck-D2450V2 SN 939

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.956$ S/m; $\epsilon_r = 51.946$; $\rho = 1000$ 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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1468; Calibrated: 2015-09-15
- Probe: EX3DV4 - SN7376; ConvF(7.37, 7.37, 7.37); Calibrated: 2015-09-02;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

Body/Pin=100 mW/Area Scan (9x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 6.14 W/kg

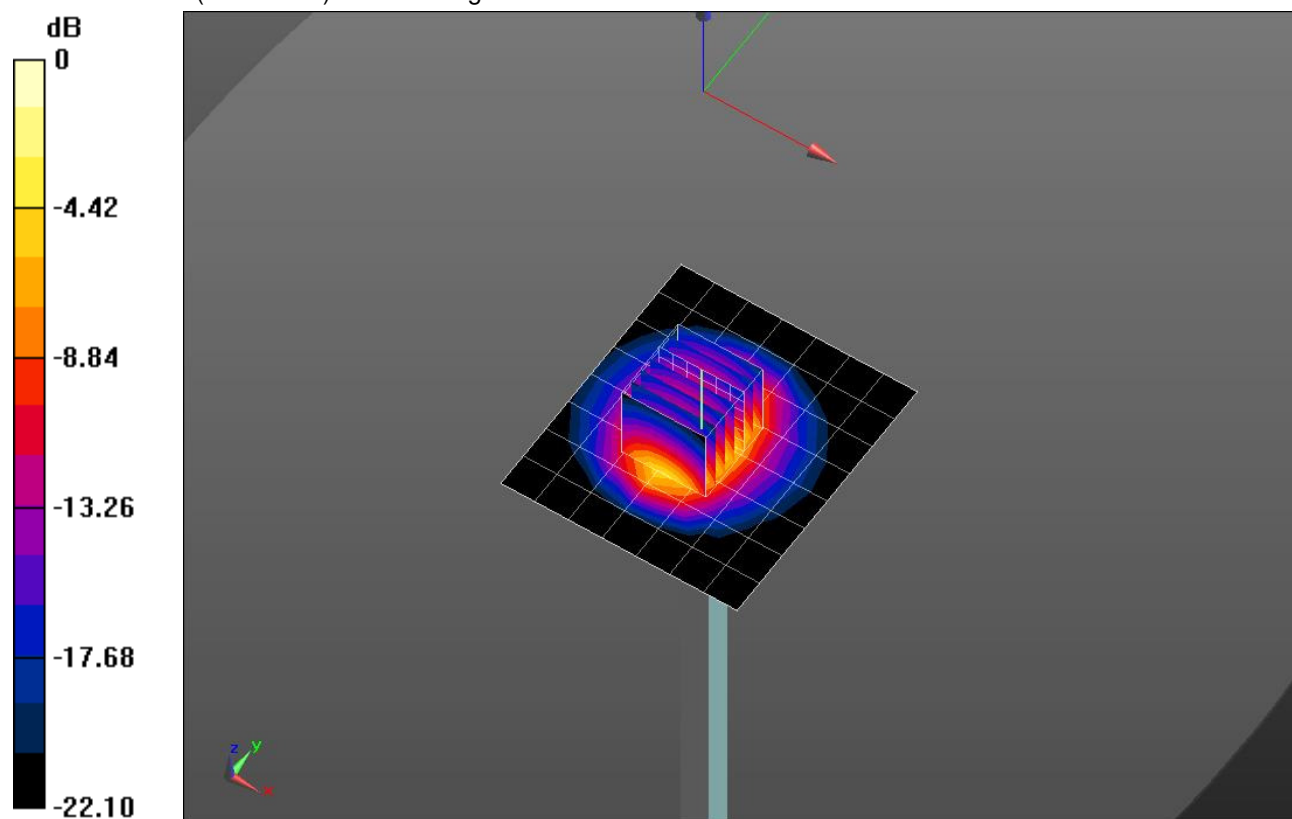
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 65.30 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 5.5 W/kg; SAR(10 g) = 2.56 W/kg

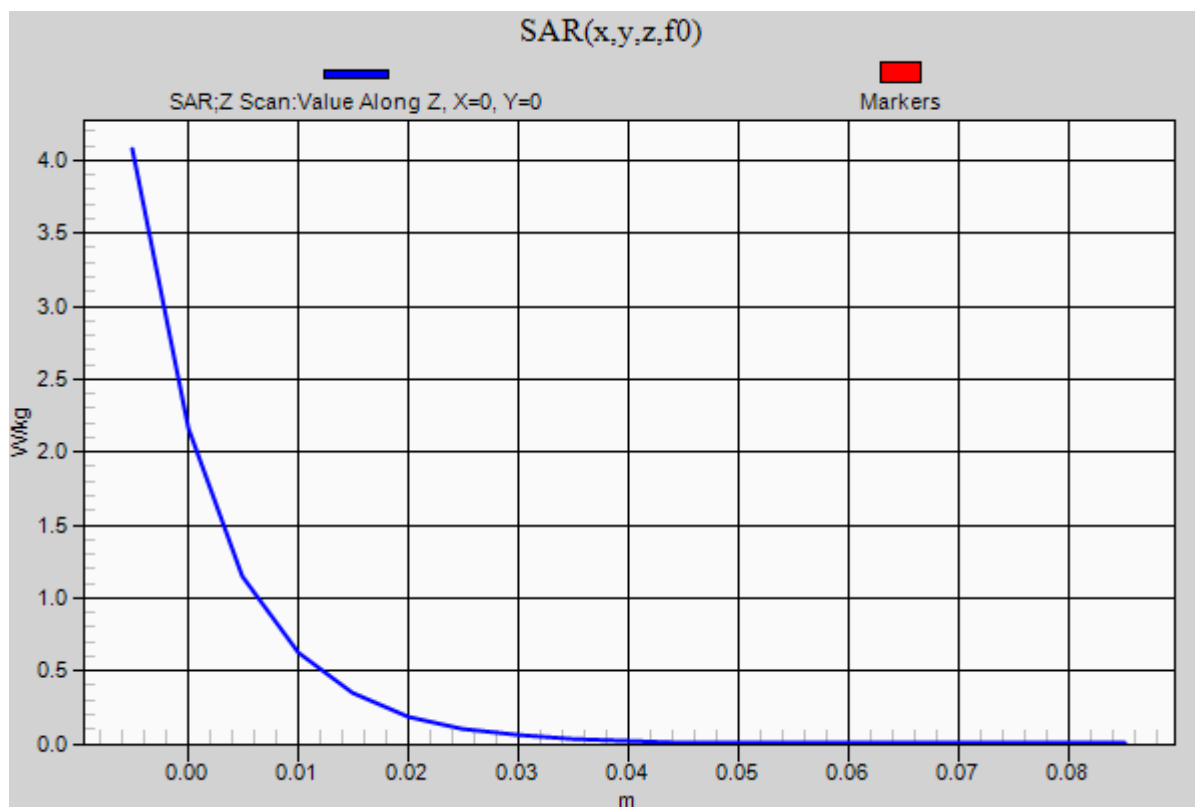
Maximum value of SAR (measured) = 6.27 W/kg



0 dB = 6.27 W/kg = 7.97 dBW/kg

20160726_SystemPerformanceCheck-D2450V2 SN 939

Frequency: 2450 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 4.08 W/kg

20160812_SystemPerformanceCheck-D2450V2 SN 939

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.039$ S/m; $\epsilon_r = 52.186$; $\rho = 1000$ 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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn912; Calibrated: 2015-11-19
- Probe: EX3DV4 - SN7330; ConvF(7.43, 7.43, 7.43); Calibrated: 2016-02-24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

Body/Pin=100 mW/Area Scan (9x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 5.76 W/kg

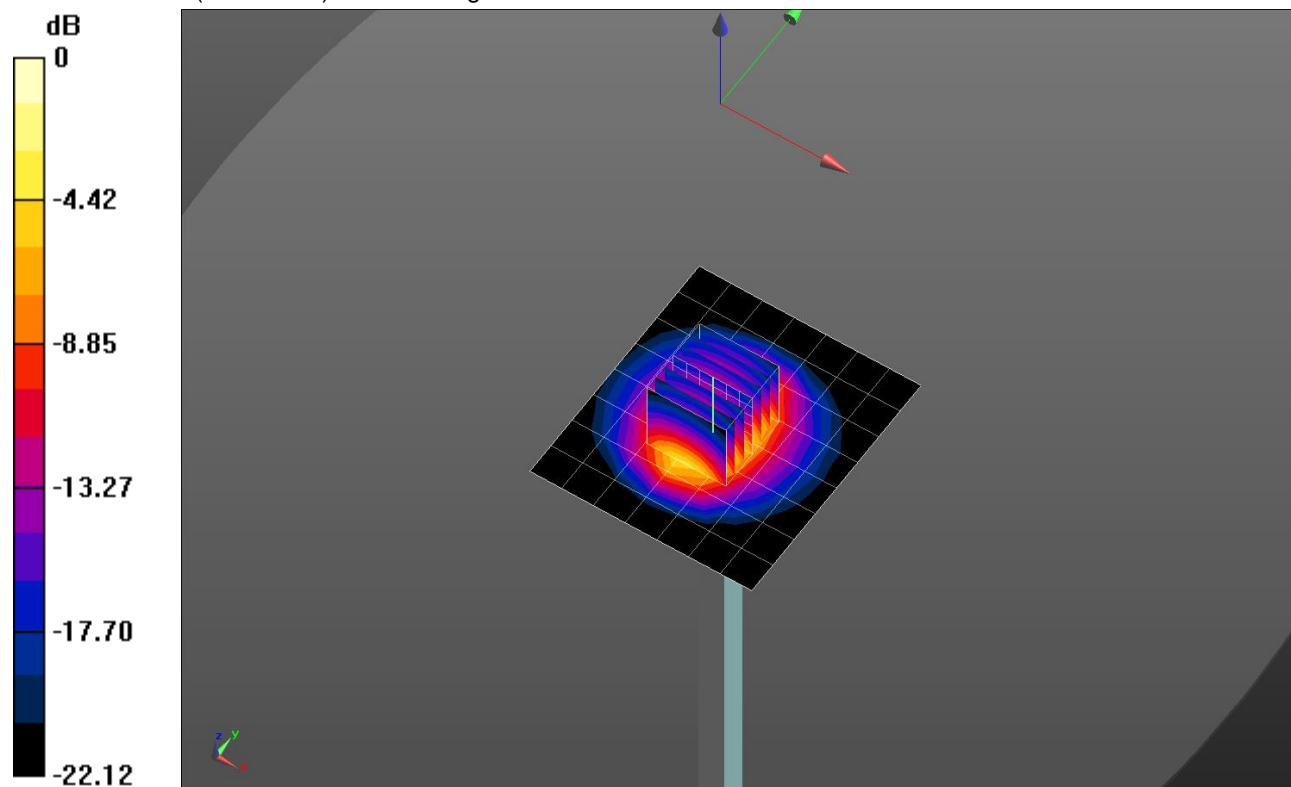
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 64.37 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 5.37 W/kg; SAR(10 g) = 2.45 W/kg

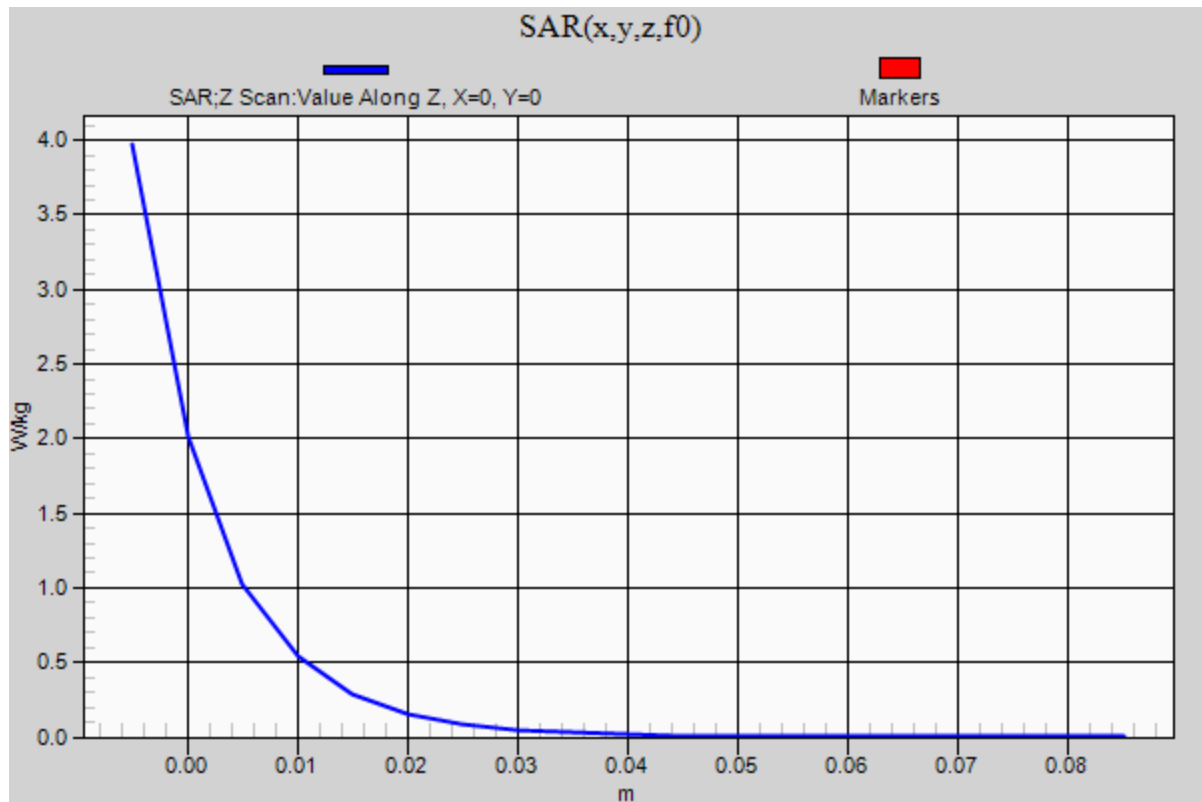
Maximum value of SAR (measured) = 6.06 W/kg



0 dB = 6.06 W/kg = 7.82 dBW/kg

20160812_SystemPerformanceCheck-D2450V2 SN 939

Frequency: 2450 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 3.97 W/kg

20160627_SystemPerformanceCheck-D835V2 SN 4d194

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 835$ MHz; $\sigma = 0.999$ S/m; $\epsilon_r = 52.953$; $\rho = 1000$ 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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn614; Calibrated: 2015-09-29
- Probe: EX3DV4 - SN7313; ConvF(9.42, 9.42, 9.42); Calibrated: 2015-12-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

Body/Pin=100 mW/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.28 W/kg

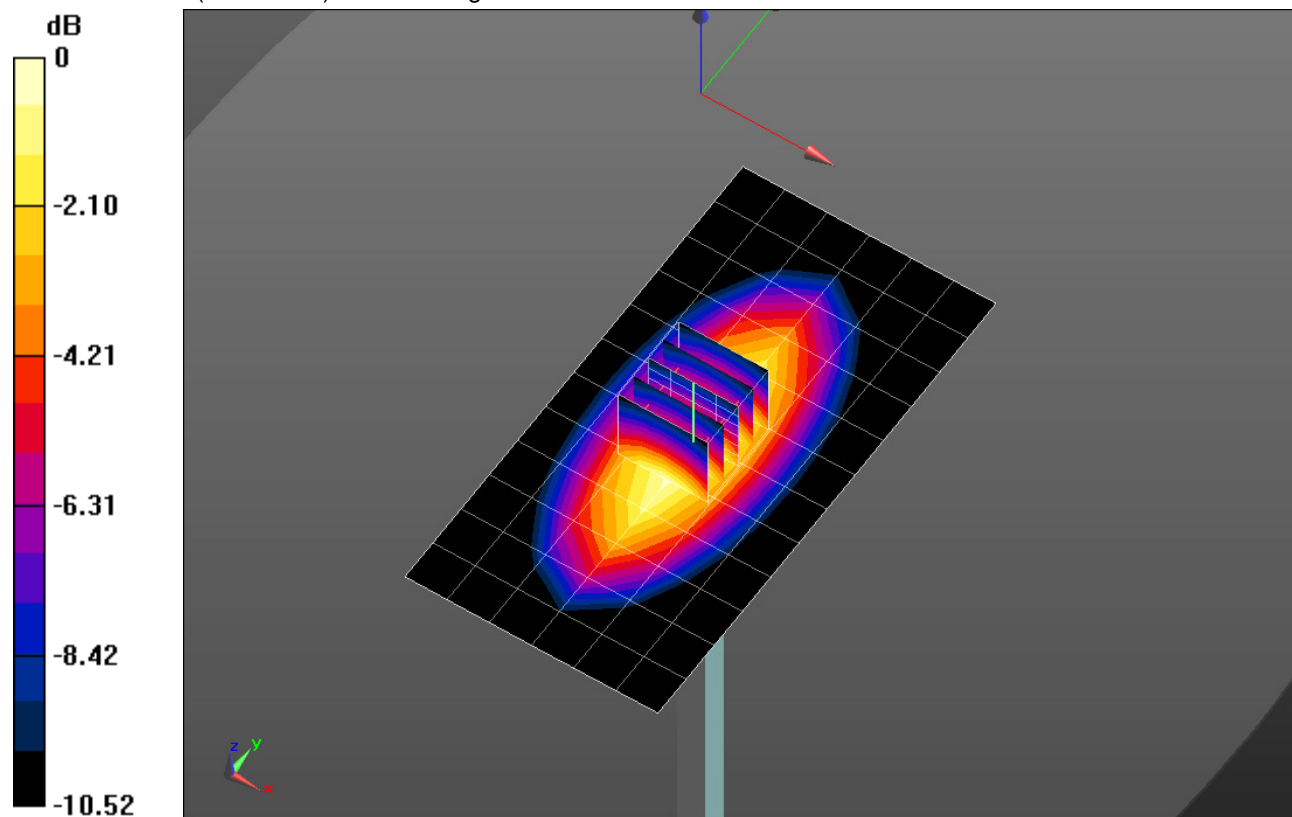
Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.81 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.674 W/kg

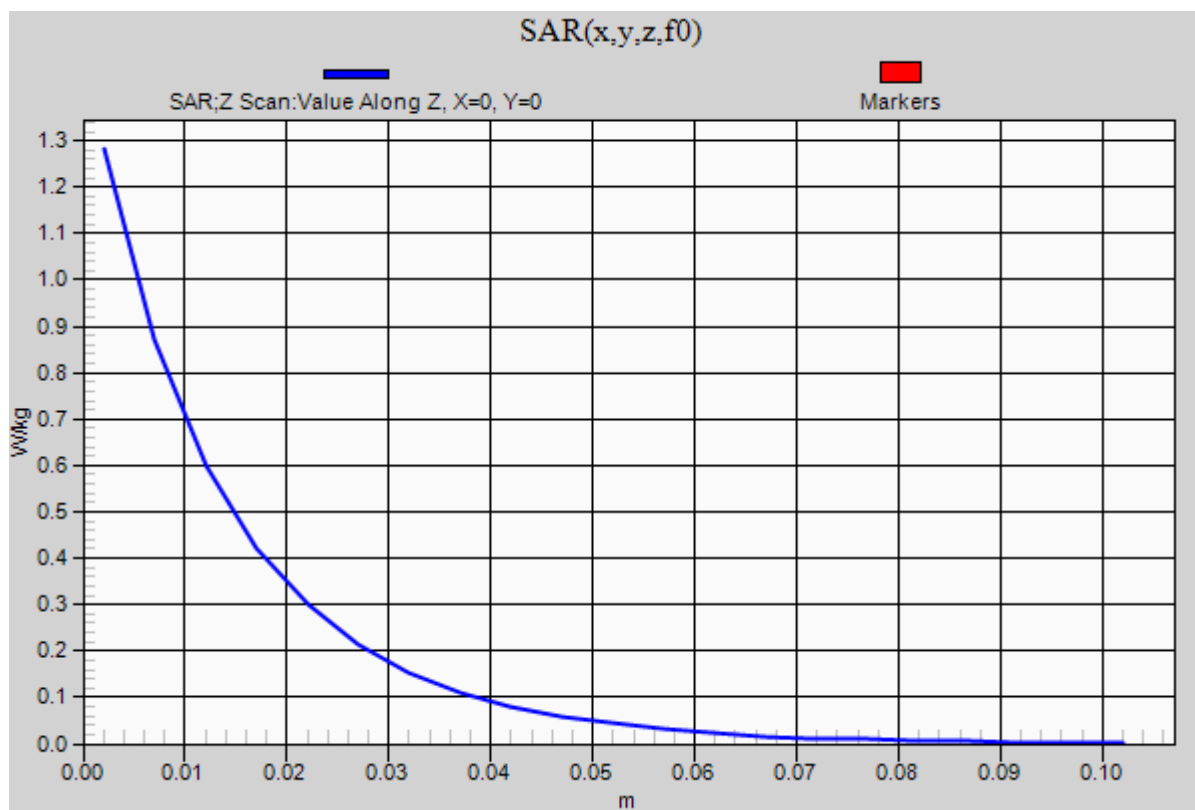
Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

20160627_SystemPerformanceCheck-D835V2 SN 4d194

Frequency: 835 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.28 W/kg

20160719_SystemPerformanceCheck-D1750V2 SN 1125

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 54.269$; $\rho = 1000$ 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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn614; Calibrated: 2015-09-29
- Probe: EX3DV4 - SN7313; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-12-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

Body/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.94 W/kg

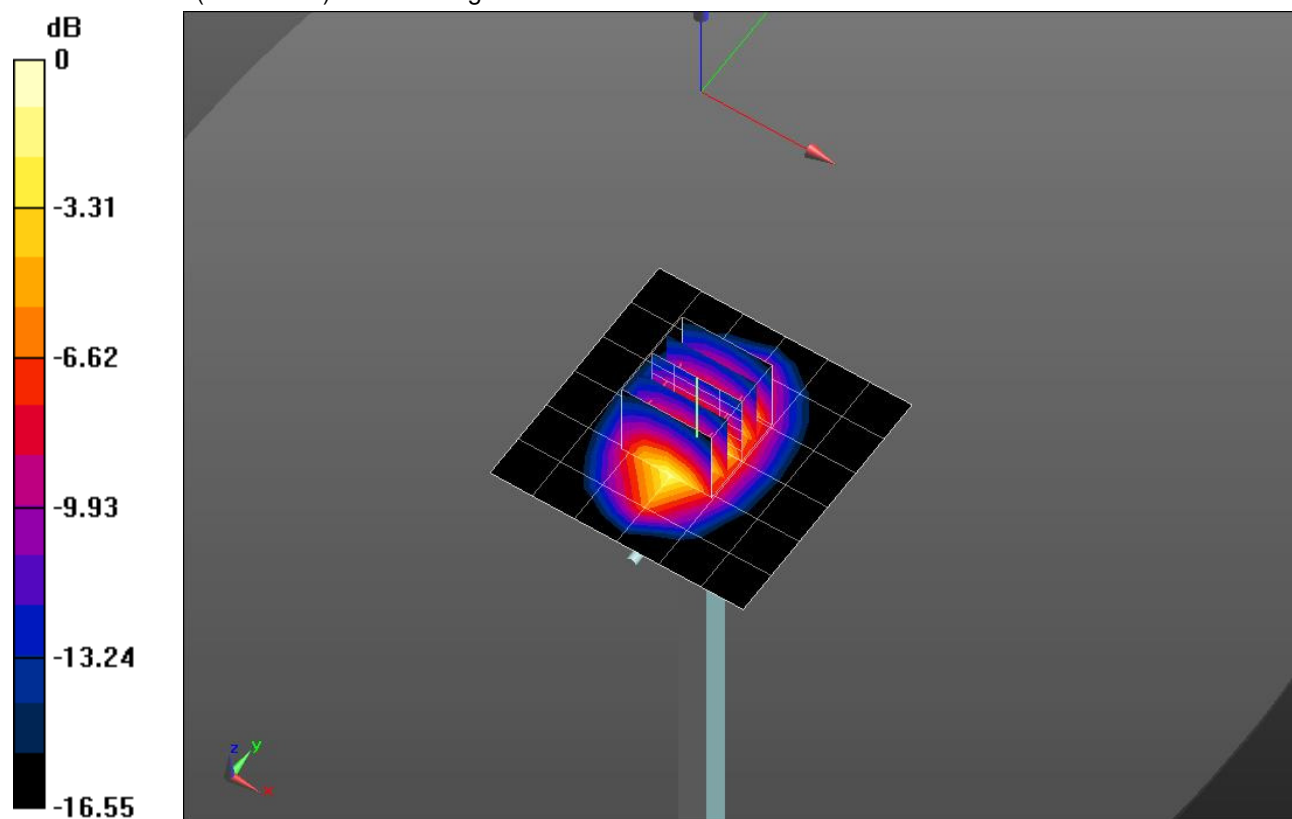
Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.06 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 6.34 W/kg

SAR(1 g) = 3.57 W/kg; SAR(10 g) = 1.9 W/kg

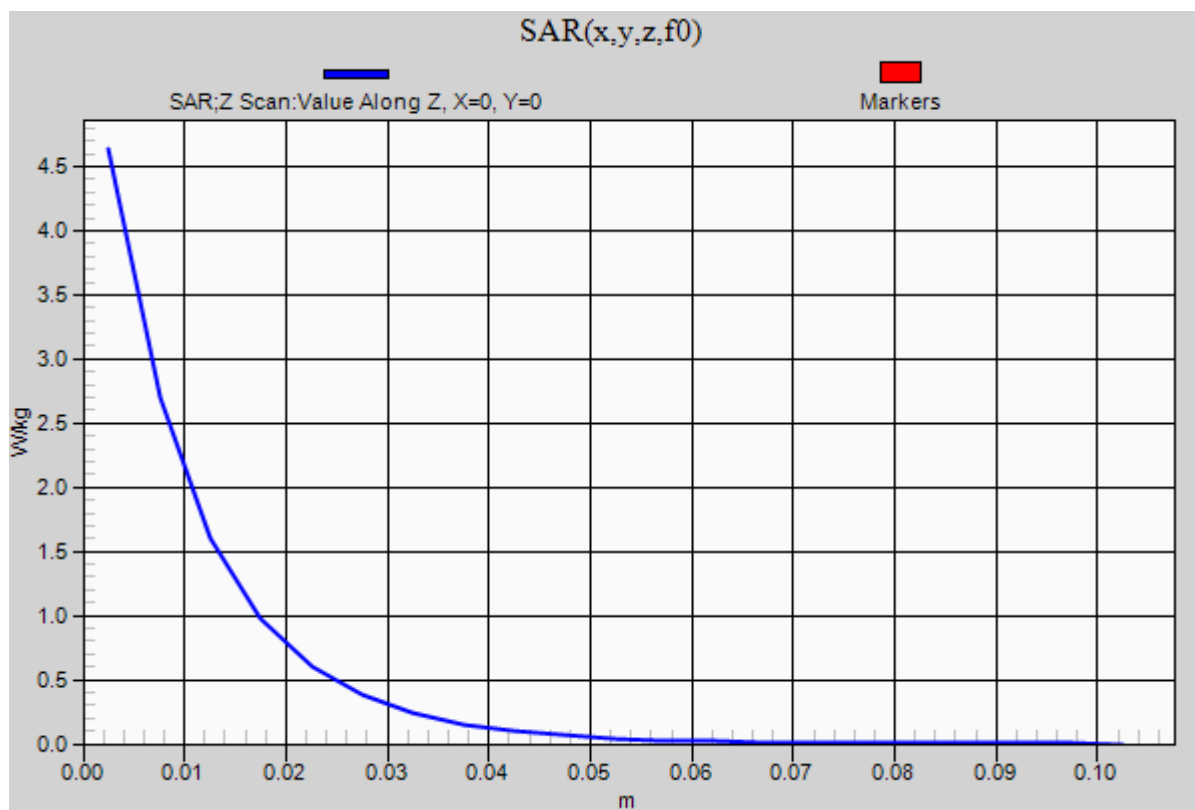
Maximum value of SAR (measured) = 5.07 W/kg



0 dB = 5.07 W/kg = 7.05 dBW/kg

20160719_SystemPerformanceCheck-D1750V2 SN 1125

Frequency: 1750 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 4.64 W/kg

20160822_SystemPerformanceCheck-D835V2 SN 4d174

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.994 \text{ S/m}$; $\epsilon_r = 56.148$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1494; Calibrated: 2016-07-18
- Probe: EX3DV4 - SN7313; ConvF(9.42, 9.42, 9.42); Calibrated: 2015-12-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

Body/Pin=100 mW/Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 1.27 W/kg

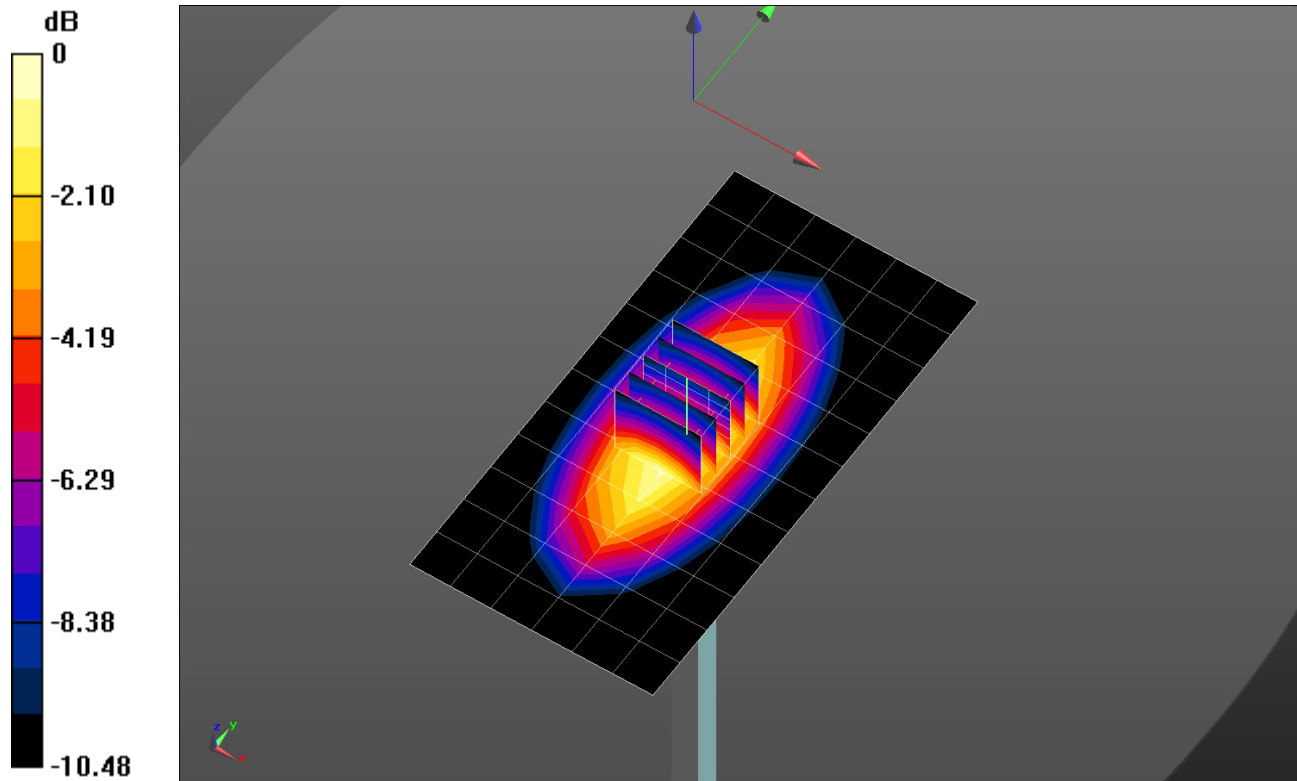
Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.66 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.675 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

20160822_SystemPerformanceCheck-D835V2 SN 4d174

Frequency: 835 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.27 W/kg