

System Check_835MHz_091116

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL_850_091116 Medium parameters used: $f = 835$ MHz; $\sigma = 0.917$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.5 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.976 mW/g

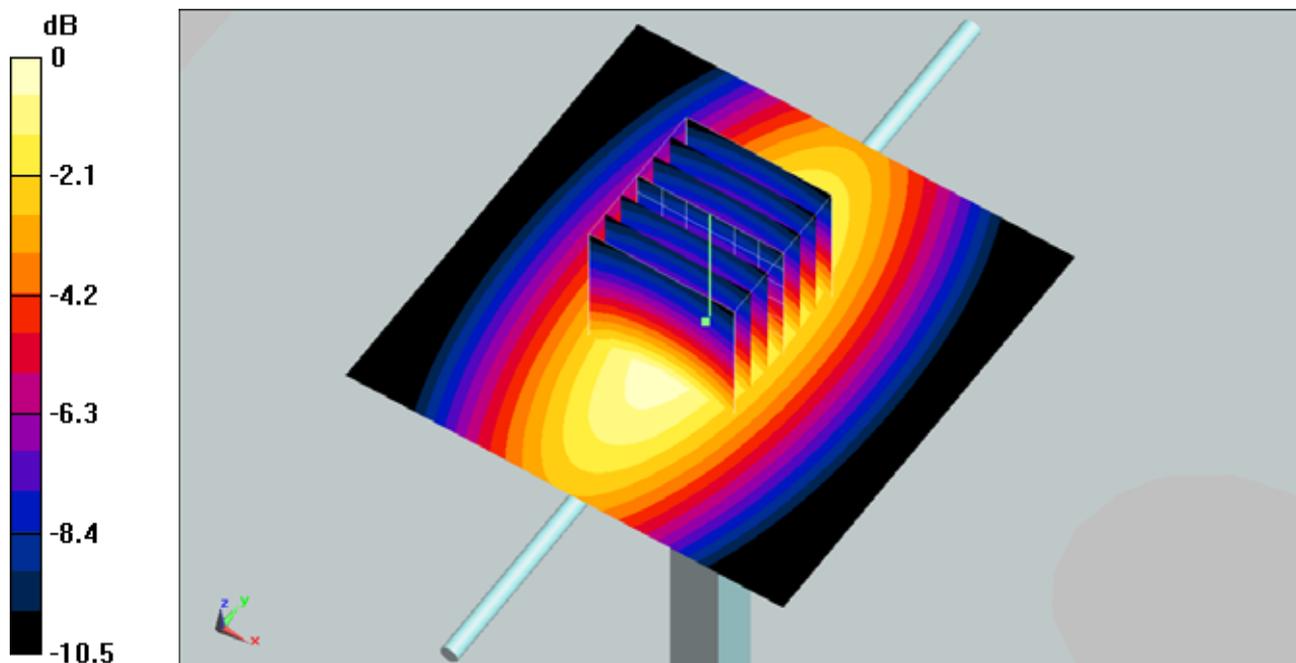
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.9 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.903 mW/g; SAR(10 g) = 0.591 mW/g

Maximum value of SAR (measured) = 0.976 mW/g



0 dB = 0.976mW/g

System Check_1800MHz_091116

DUT: Dipole 1800 MHz

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: HSL_1800_091116 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.4 ; Liquid Temperature : 21.1

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.34, 5.34, 5.34); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.34 mW/g

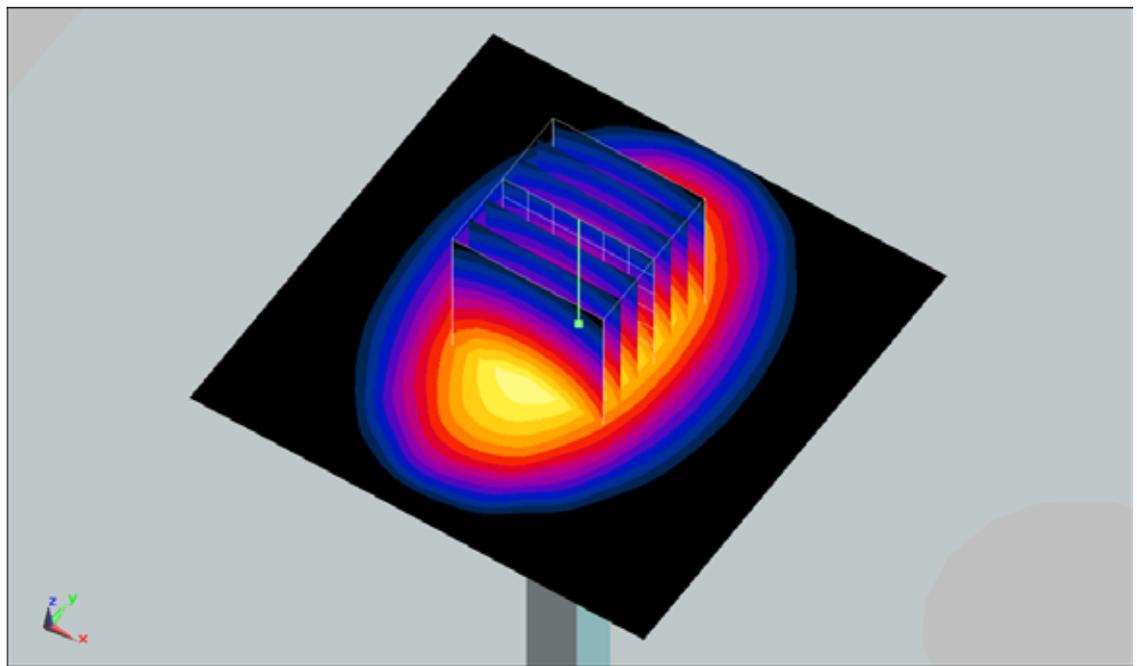
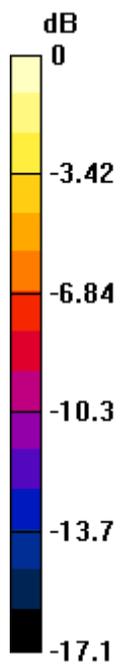
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.9 V/m; Power Drift = 0.00258 dB

Peak SAR (extrapolated) = 6.56 W/kg

SAR(1 g) = 3.81 mW/g; SAR(10 g) = 2.02 mW/g

Maximum value of SAR (measured) = 4.34 mW/g



0 dB = 4.34mW/g

System Check_1800MHz_091116

DUT: Dipole 1800 MHz

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: MSL_1800_091116 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.77, 4.77, 4.77); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 4.08 mW/g

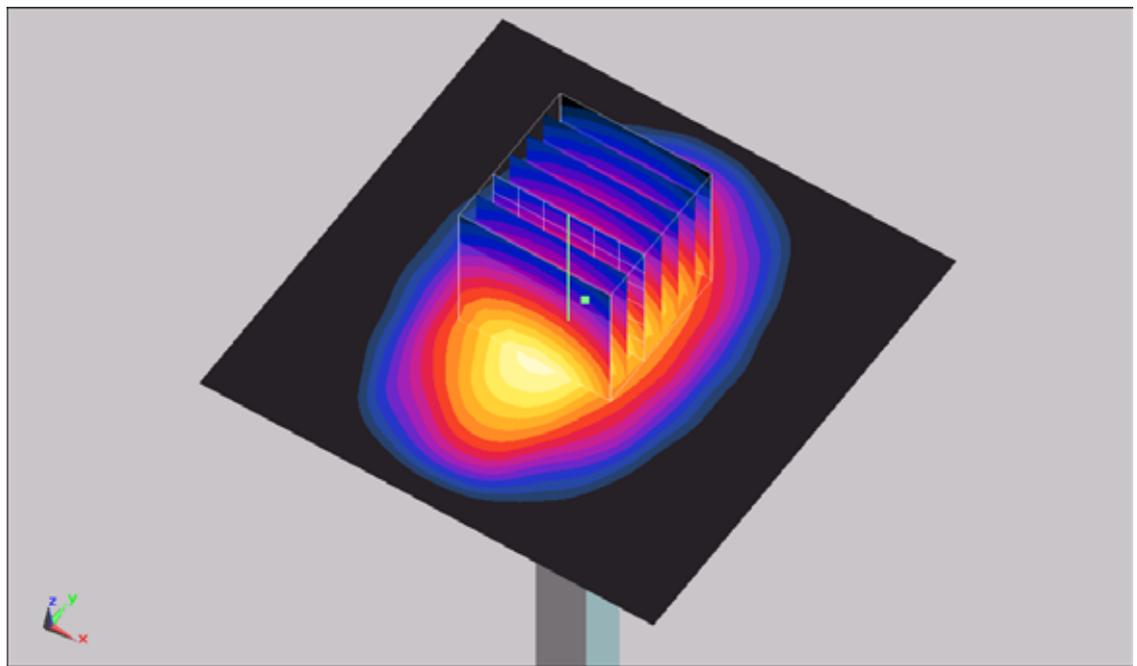
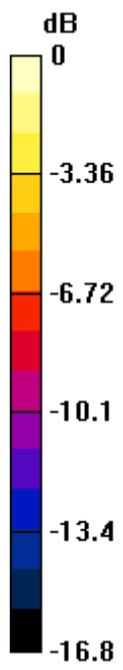
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 5.18 W/kg

SAR(1 g) = 3.51 mW/g; SAR(10 g) = 1.93 mW/g

Maximum value of SAR (measured) = 4.02 mW/g



0 dB = 4.02mW/g

System Check_1900MHz_091116

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_091116 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.7 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.12, 5.12, 5.12); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 4.52 mW/g

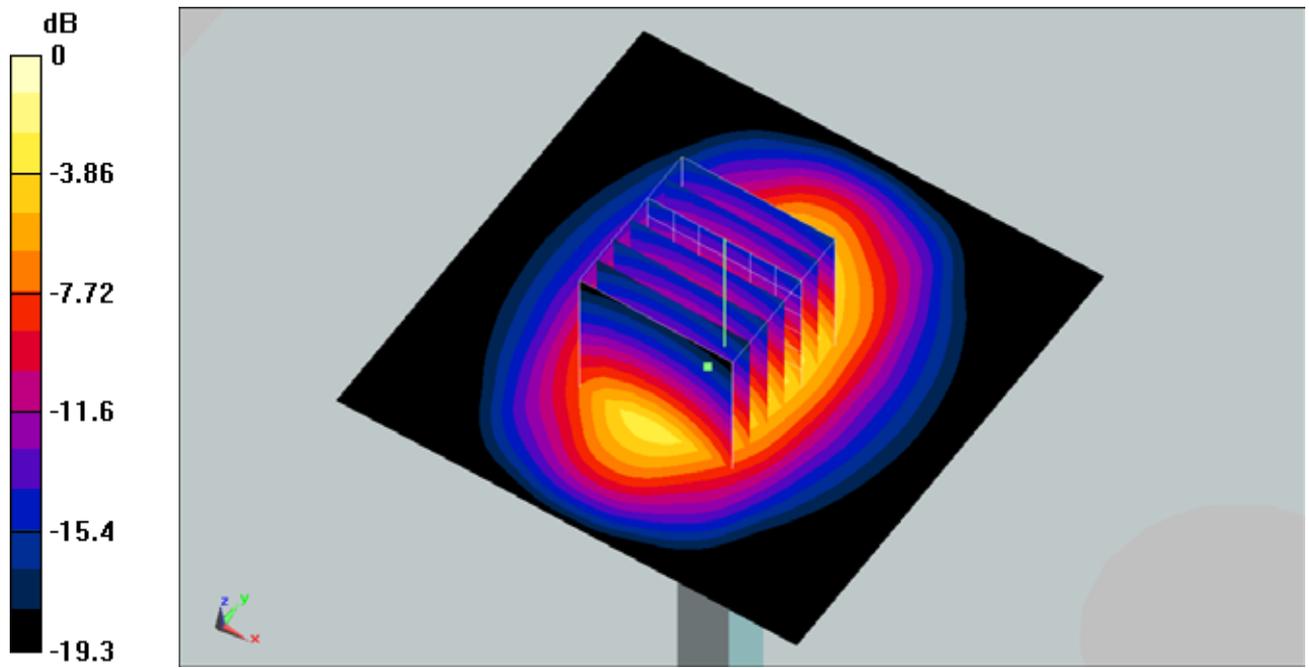
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.2 V/m; Power Drift = -0.00796 dB

Peak SAR (extrapolated) = 6.69 W/kg

SAR(1 g) = 3.82 mW/g; SAR(10 g) = 1.99 mW/g

Maximum value of SAR (measured) = 4.33 mW/g



0 dB = 4.33mW/g

System Check_1900MHz_091116

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL_1900_091116 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.4 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 4.59 mW/g

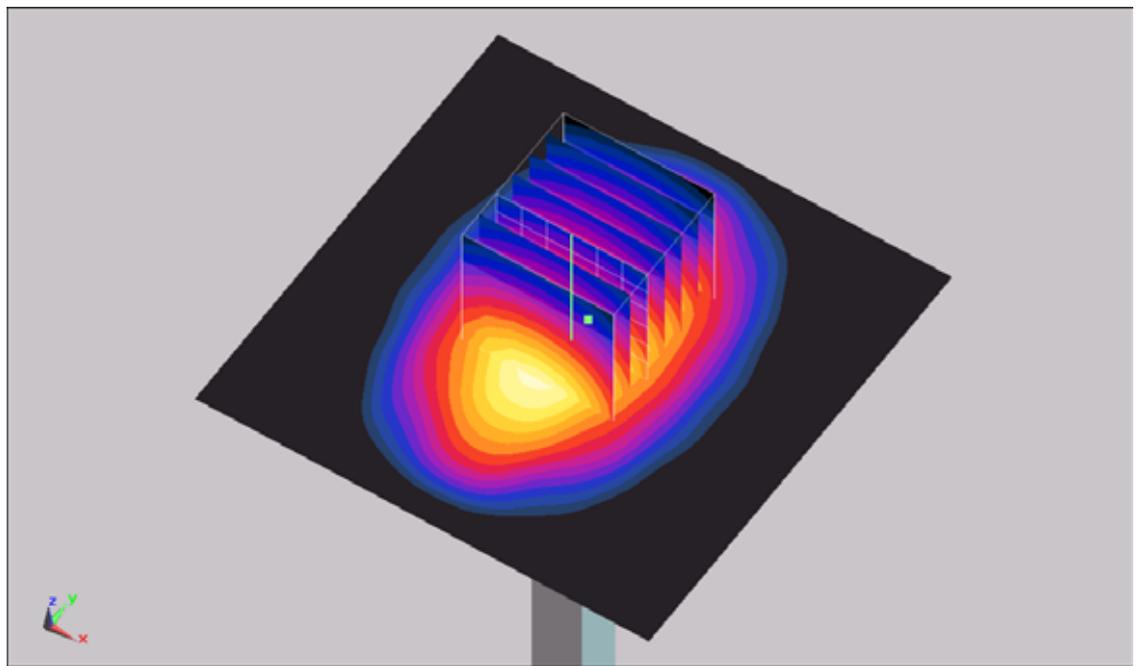
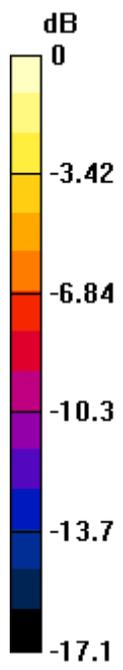
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.9 V/m; Power Drift = 0.000559 dB

Peak SAR (extrapolated) = 5.97 W/kg

SAR(1 g) = 3.94 mW/g; SAR(10 g) = 2.14 mW/g

Maximum value of SAR (measured) = 4.51 mW/g



0 dB = 4.51mW/g

System Check_1900MHz_091130

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_091130 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.12, 5.12, 5.12); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 4.24 mW/g

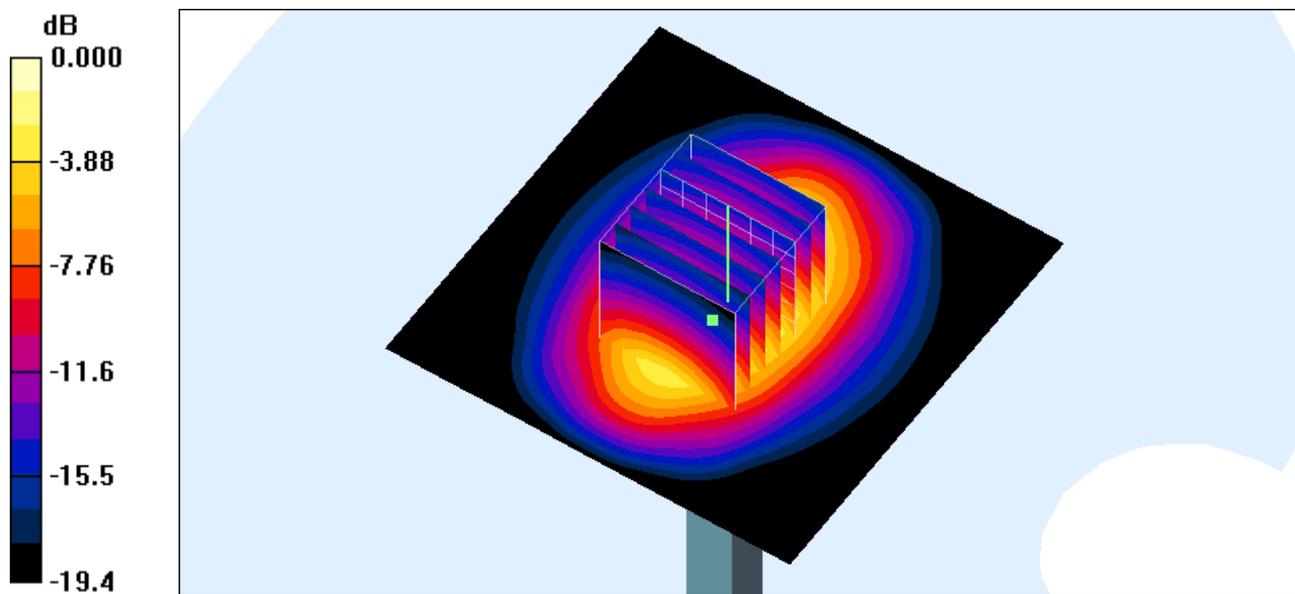
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.8 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 6.32 W/kg

SAR(1 g) = 3.61 mW/g; SAR(10 g) = 1.87 mW/g

Maximum value of SAR (measured) = 4.09 mW/g



0 dB = 4.09mW/g