

15.4 SAR test plots for repeated test

WLAN 11b 1Mbps 2462MHz Edge1 0mm Ant.Main Repeat

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11b/g/n (2.4G);

Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.014$ S/m; $\epsilon_r = 52.972$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BB;

Measurement SW: DASYS2, Version 52.8 (7);

Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.95 W/kg

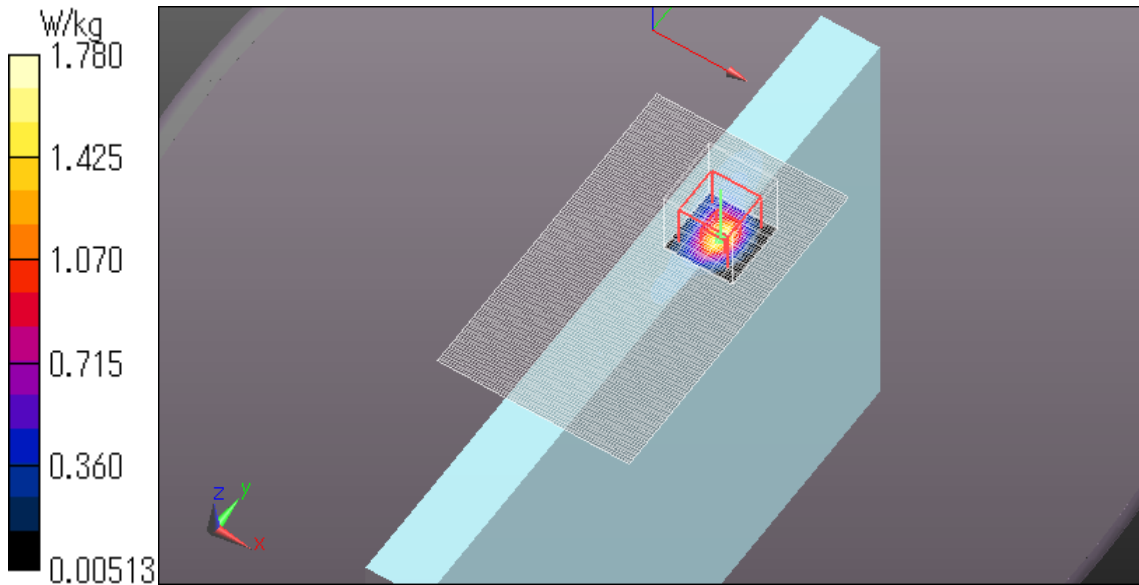
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.006 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.75 W/kg

SAR(1 g) = 0.988 W/kg; SAR(10 g) = 0.340 W/kg

Maximum value of SAR (measured) = 1.78 W/kg



Plot No.1

WLAN 11a 6Mbps 5200MHz Edge3 0mm Ant.Aux Repeat

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.375$ S/m; $\epsilon_r = 48.803$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BB;

Measurement SW: DASY52, Version 52.8 (7);

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.42 W/kg

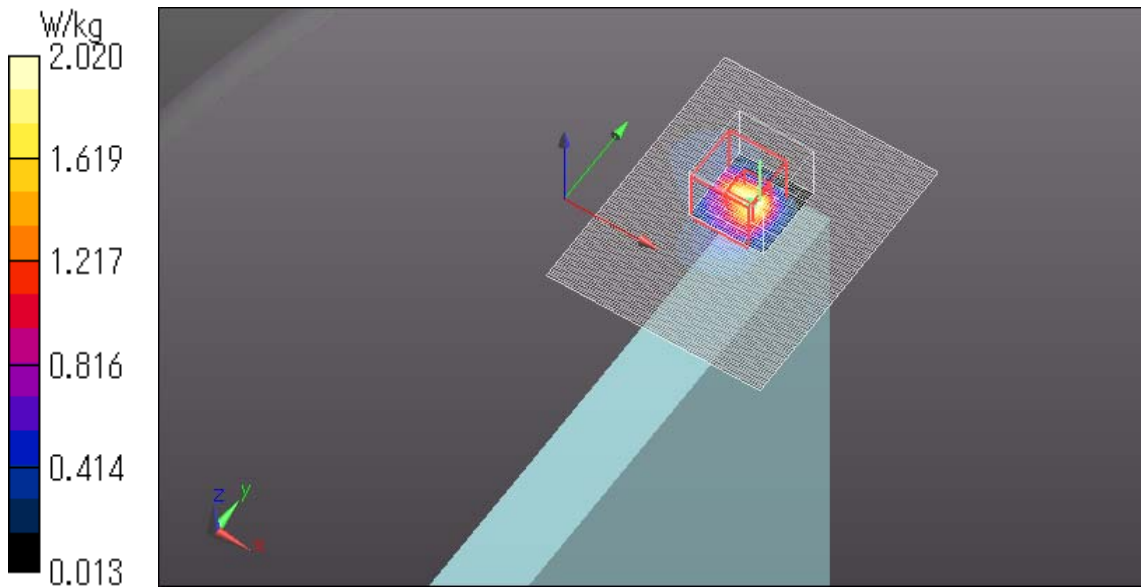
Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 20.905 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.89 W/kg

SAR(1 g) = 0.968 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 2.02 W/kg



Plot No.2

WLAN 11a 6Mbps 5300MHz Edge3 0mm Ant.Aux Repeat

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.498$ S/m; $\epsilon_r = 48.621$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BB;

Measurement SW: DASY52, Version 52.8 (7);

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.37 W/kg

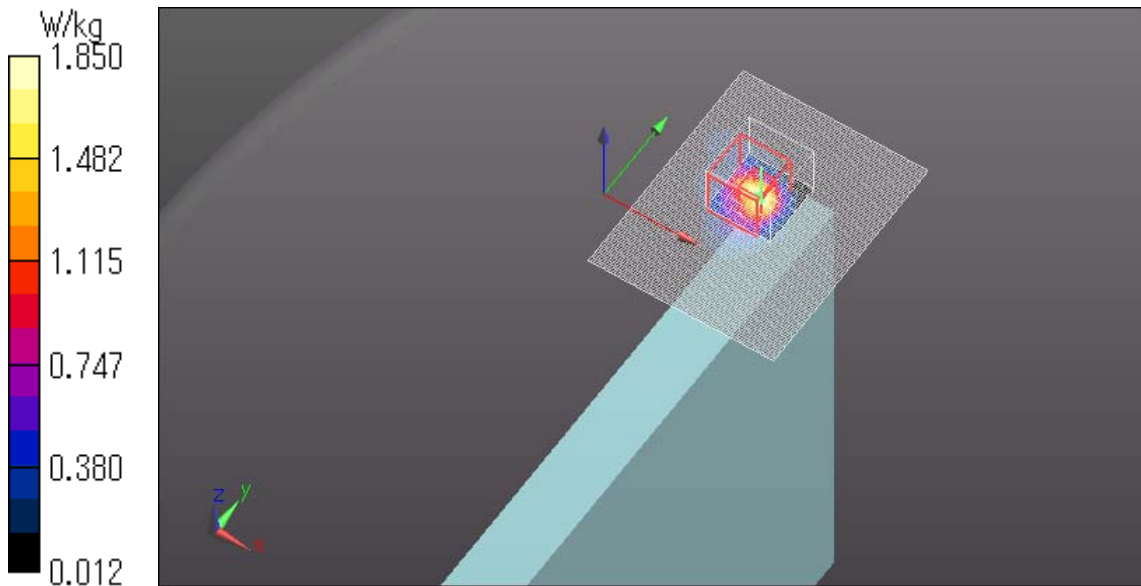
Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 20.251 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 5.82 W/kg

SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 1.85 W/kg



Plot No.3

WLAN 11a 6Mbps 5660MHz Edge1 0mm Ant.Main Repeat

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W56);

Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5660$ MHz; $\sigma = 6.027$ S/m; $\epsilon_r = 48.484$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10;

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)),

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BB;

Measurement SW: DASY52, Version 52.8 (7);

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.01 W/kg

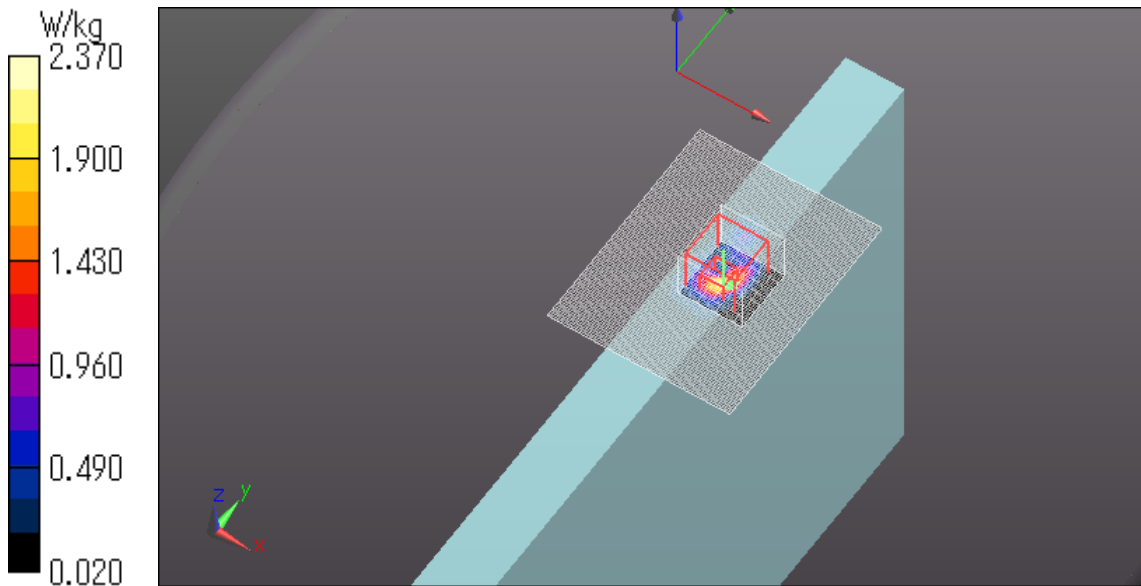
Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.106 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 4.96 W/kg

SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 2.37 W/kg



Plot No.4

WLAN 11a 6Mbps 5805MHz Edge1 0mm Ant.Main Repeat

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W58);

Frequency: 5805 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5805$ MHz; $\sigma = 6.16$ S/m; $\epsilon_r = 47.858$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BB;

Measurement SW: DASY52, Version 52.8 (7);

Area Scan (91x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.14 W/kg

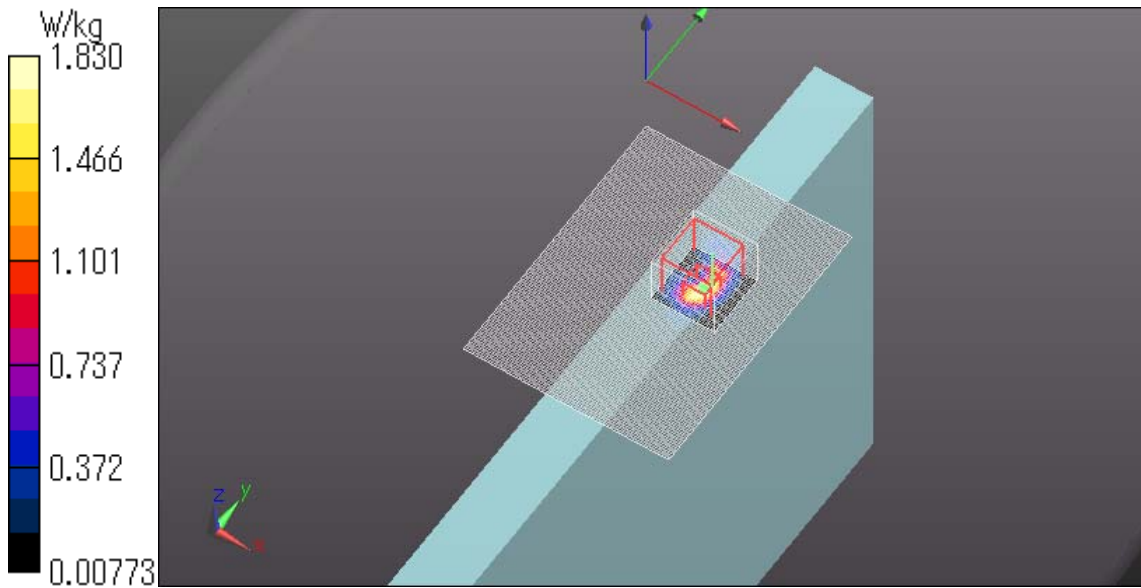
Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.654 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 7.19 W/kg

SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.208 W/kg

Maximum value of SAR (measured) = 1.83 W/kg



Plot No.5