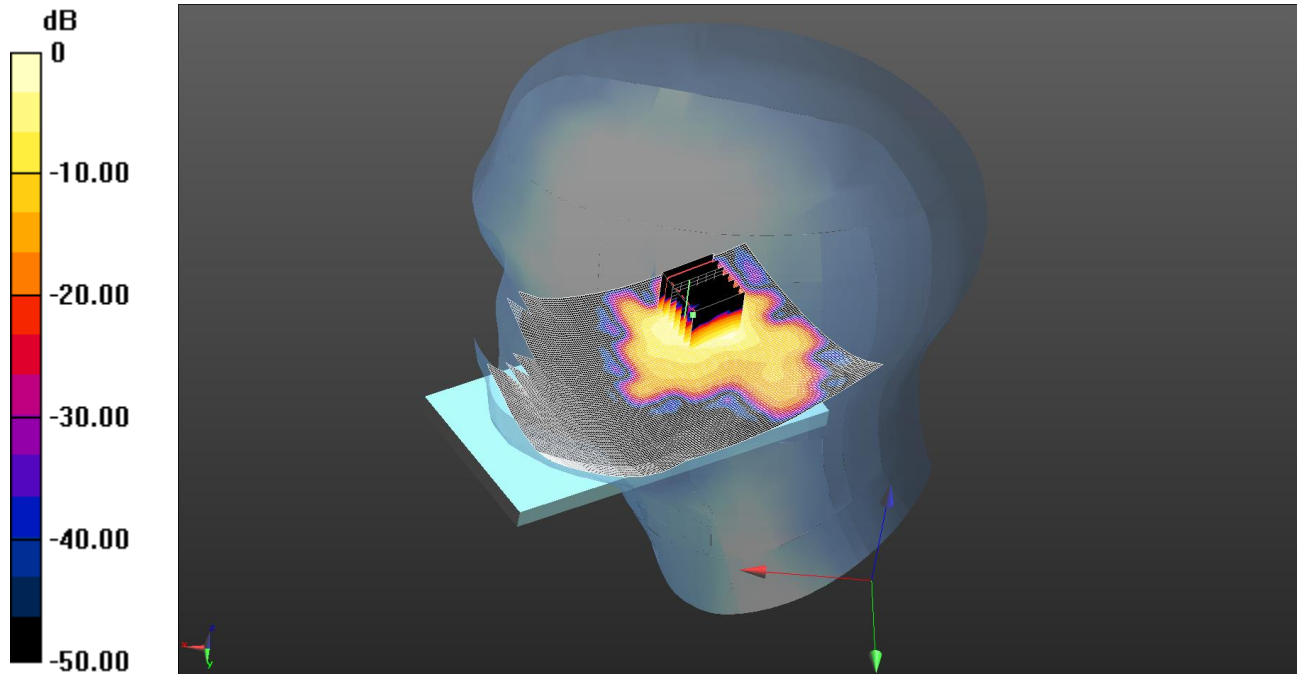


170: Touch Right WLAN 802.11a HT20 CH48

Date: 3/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 1.05 W/kg = 0.21 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5800 MHz HSL Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 4.589$ S/m; $\epsilon_r = 35.293$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Middle/Area Scan 2 (101x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 4.232 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 1.98 W/kg

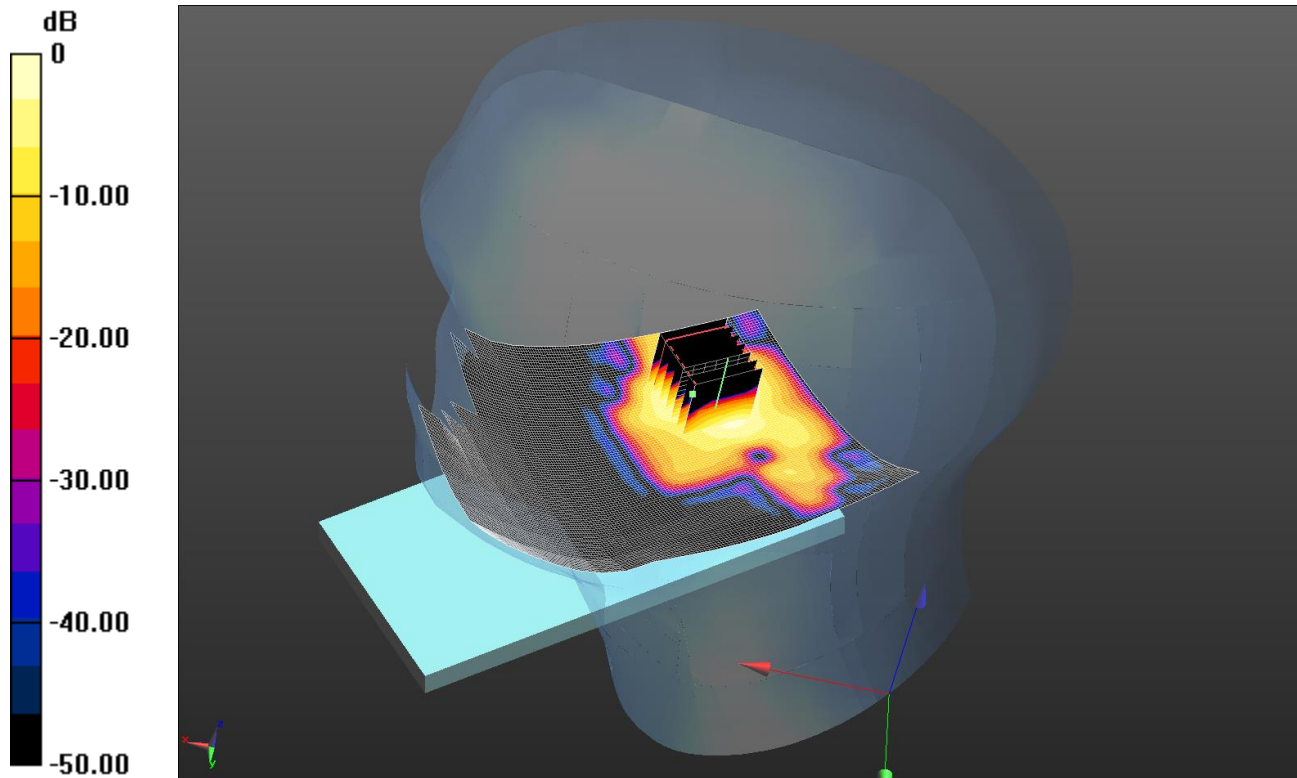
SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 1.05 W/kg

171: Tilt Right WLAN 802.11a HT20 CH48

Date: 3/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.455 W/kg = -3.42 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5800 MHz HSL Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 4.589$ S/m; $\epsilon_r = 35.293$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Tilt Right - Middle/Area Scan 2 (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.462 W/kg

Configuration/Tilt Right - Middle/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.582 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.859 W/kg

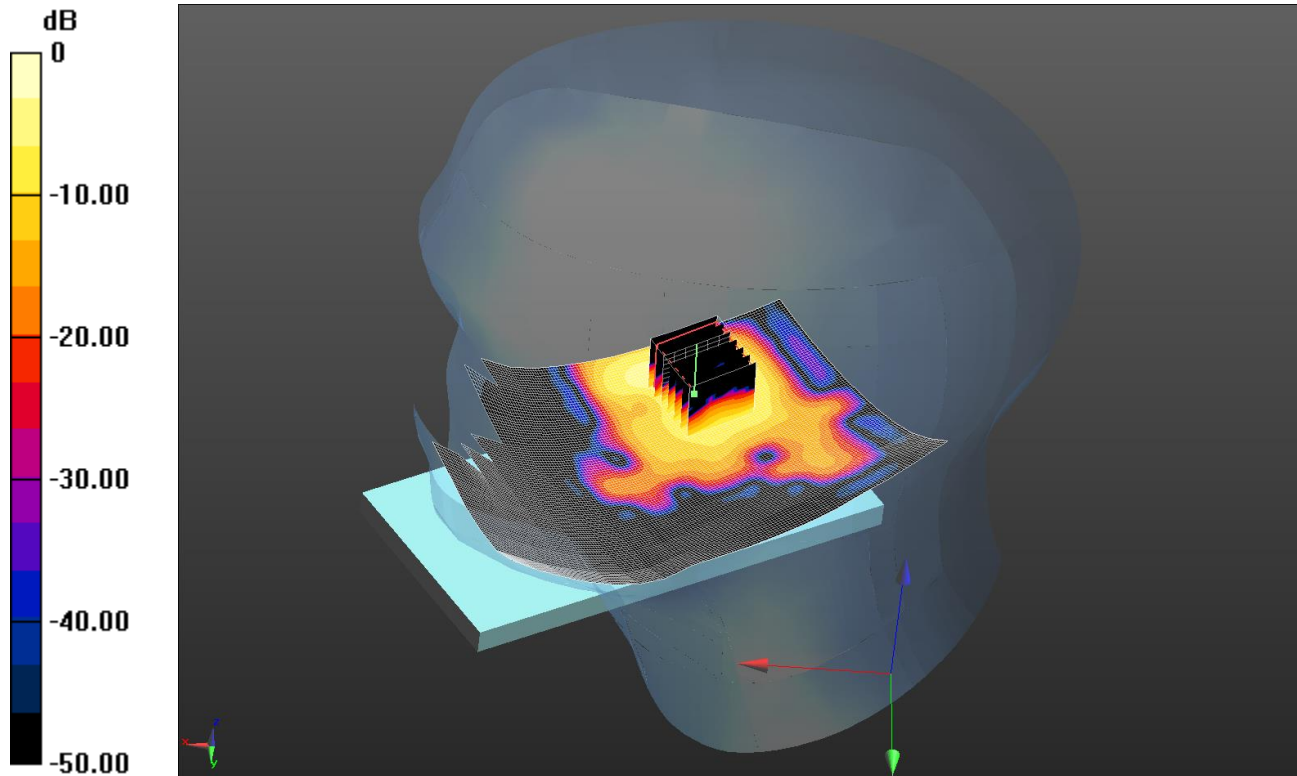
SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (measured) = 0.455 W/kg

172: Touch Right WLAN 802.11a HT20 CH52

Date: 3/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 1.47 W/kg = 1.67 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: 5800 MHz HSL Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 4.606$ S/m; $\epsilon_r = 35.265$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.86, 4.86, 4.86); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Middle/Area Scan 2 (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.779 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.94 W/kg

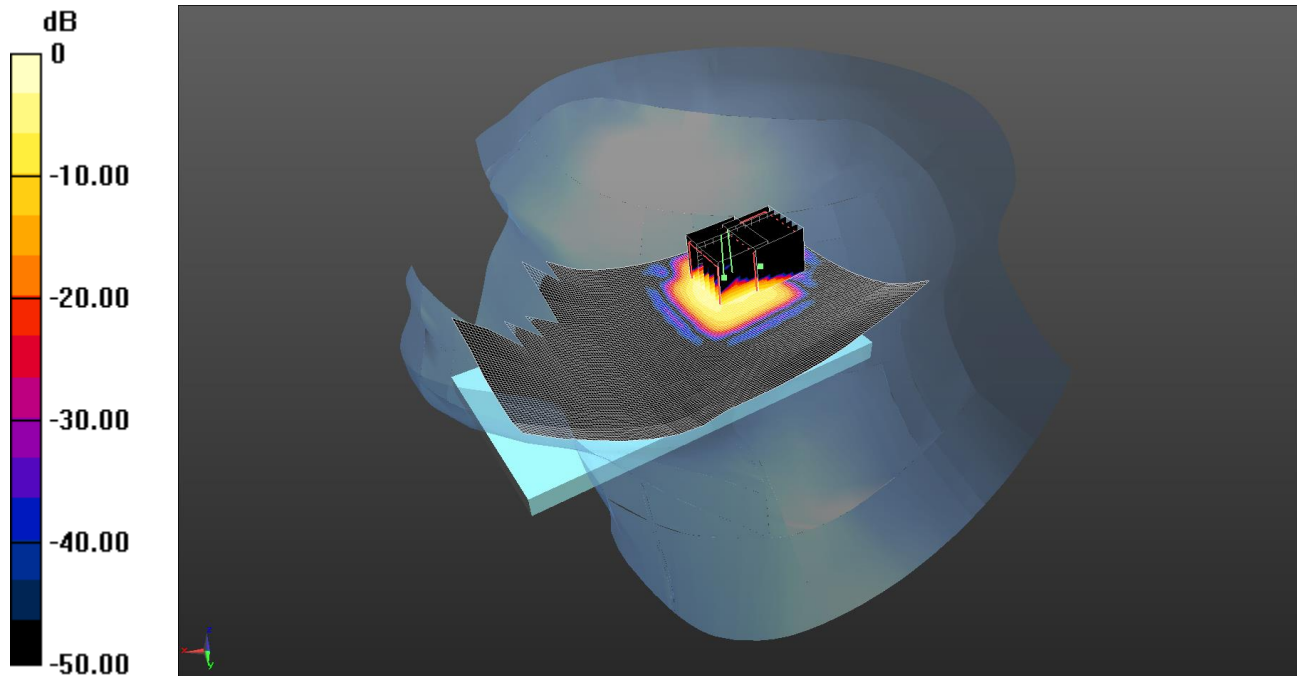
SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 1.47 W/kg

173: Touch Right WLAN 802.11a HT20 CH104

Date: 3/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.587 W/kg = -2.31 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: 5800 MHz HSL Medium parameters used (interpolated): $f = 5520$ MHz; $\sigma = 4.846$ S/m; $\epsilon_r = 34.975$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.76, 4.76, 4.76); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Middle/Area Scan 2 (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.791 W/kg

Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.186 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.503 W/kg

Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.186 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.08 W/kg

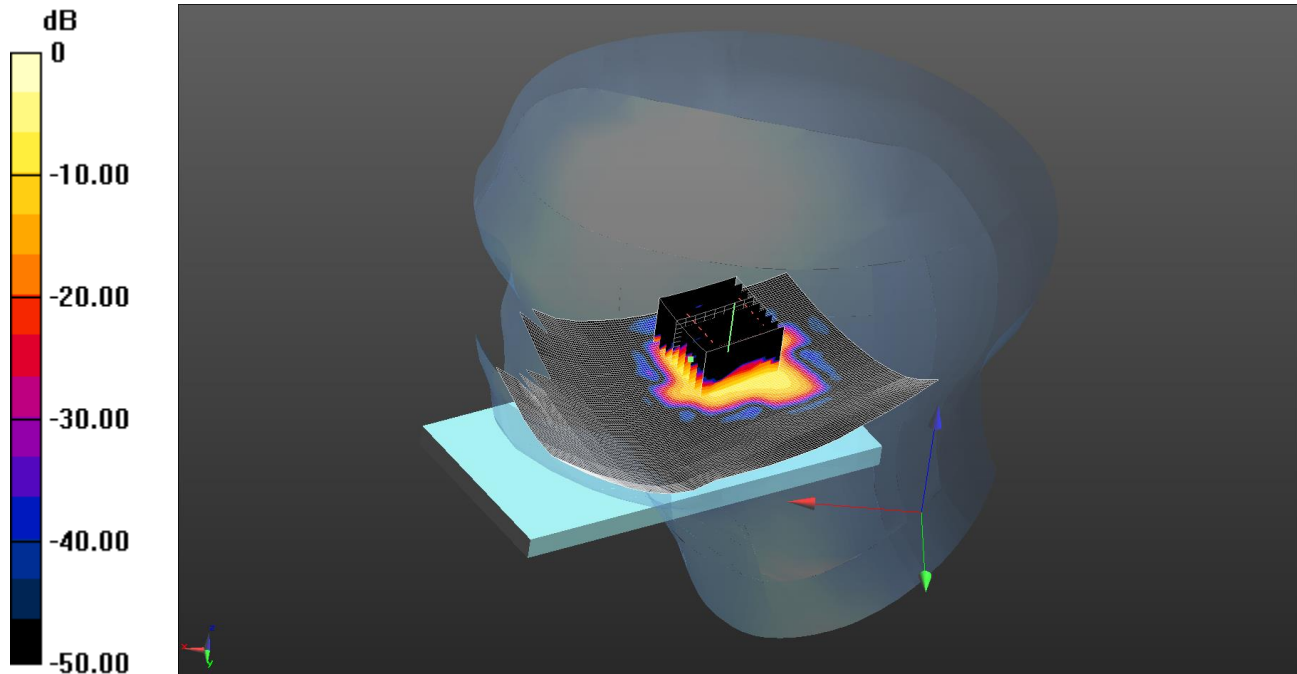
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.587 W/kg

174: Touch Right WLAN 802.11a HT20 CH149

Date: 3/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.893 W/kg = -0.49 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: 5800 MHz HSL Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.066$ S/m; $\epsilon_r = 34.692$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.59, 4.59, 4.59); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Middle/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.538 W/kg

Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 2 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.662 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.66 W/kg

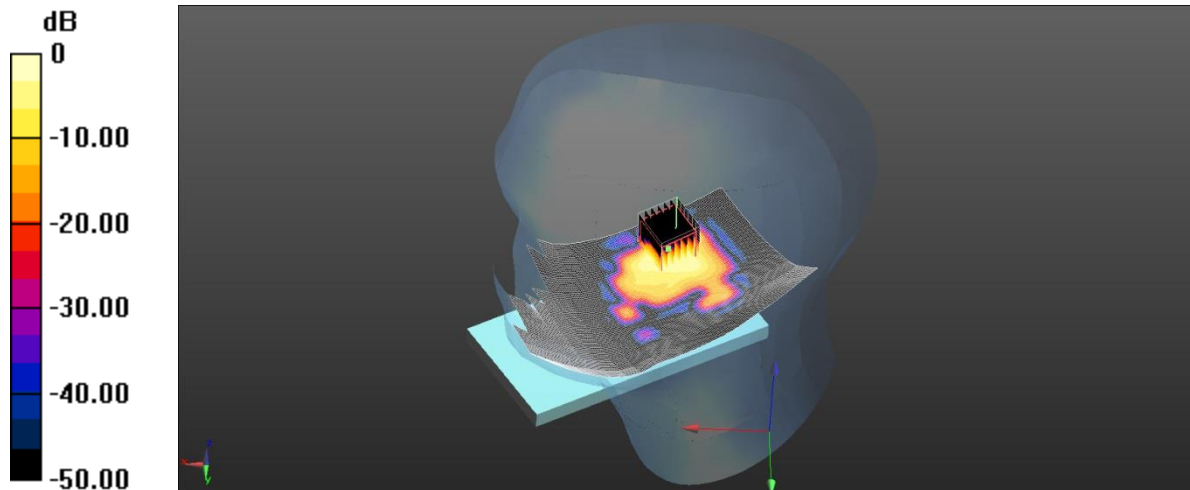
SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.115 W/kg

Maximum value of SAR (measured) = 0.893 W/kg

175: Touch Right WLAN 802.11n 20MHz CH48

Date: 8/7/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.844 W/kg = -0.74 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 4.804$ S/m; $\epsilon_r = 35.183$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Middle/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.586 W/kg

Configuration/Touch Right - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.954 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.69 W/kg

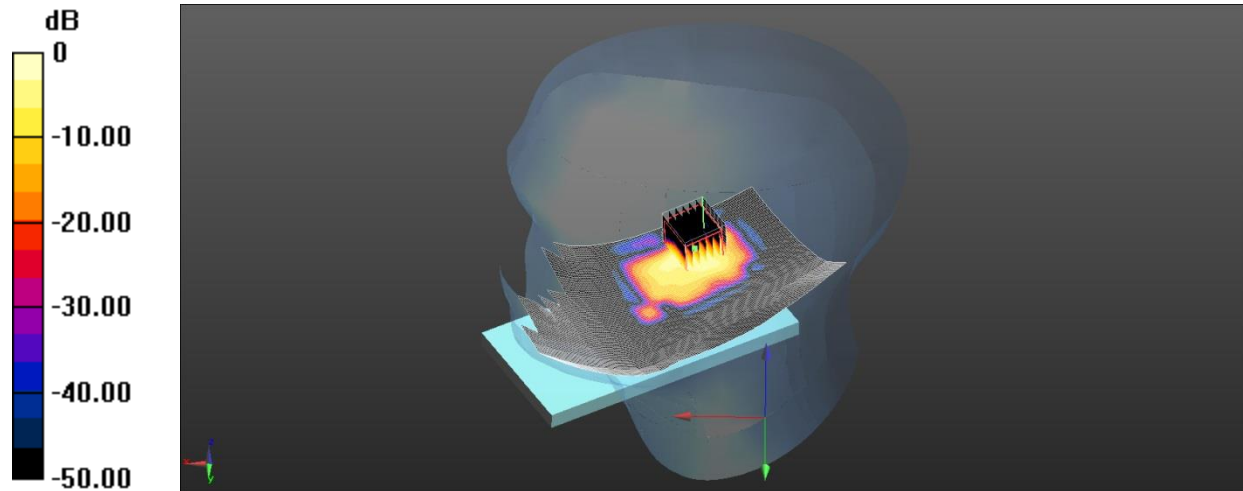
SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.844 W/kg

176: Touch Right WLAN 802.11n 20MHz CH64

Date: 8/7/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.901 W/kg = -0.45 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5320$ MHz; $\sigma = 4.87$ S/m; $\epsilon_r = 35.026$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.86, 4.86, 4.86); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Middle/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.543 W/kg

Configuration/Touch Right - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.066 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.78 W/kg

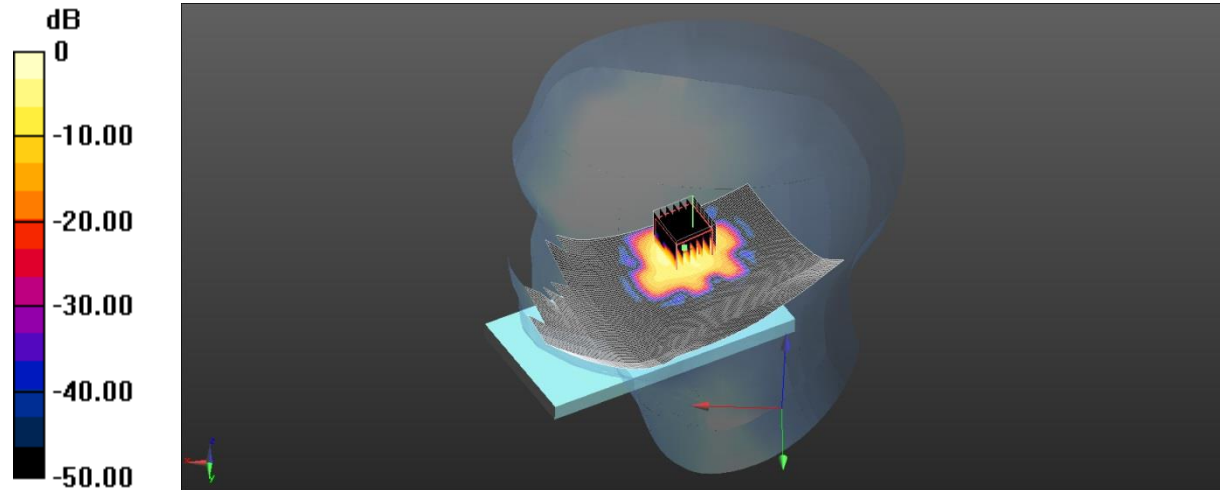
SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.901 W/kg

177: Touch Right WLAN 802.11n 20MHz CH112

Date: 8/7/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.796 W/kg = -0.99 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5560 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5560$ MHz; $\sigma = 5.135$ S/m; $\epsilon_r = 34.674$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.35, 4.35, 4.35); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Middle/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.410 W/kg

Configuration/Touch Right - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.073 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.64 W/kg

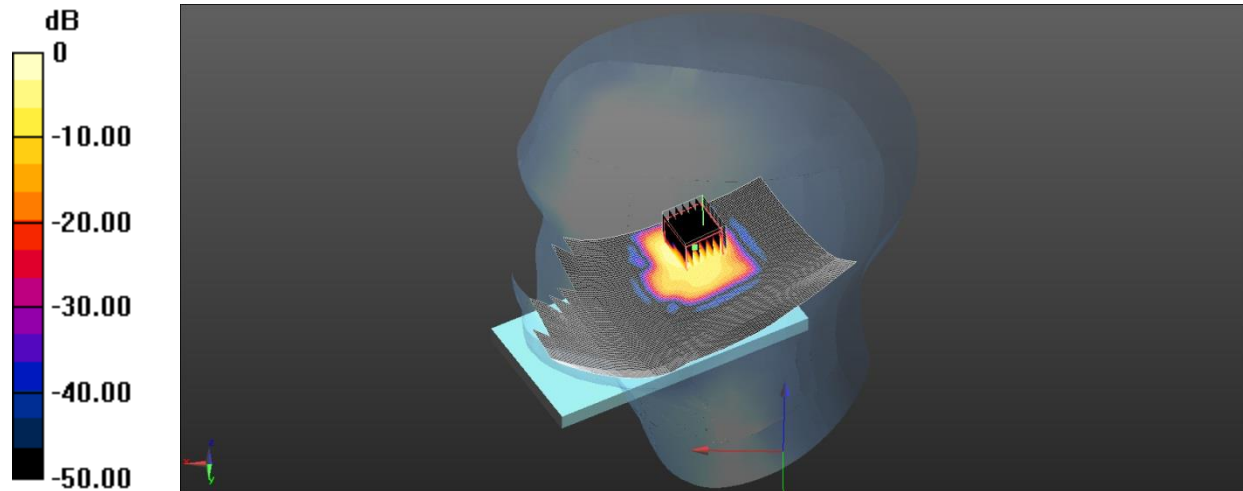
SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.796 W/kg

178: Touch Right WLAN 802.11n 20MHz CH149

Date: 8/7/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.934 W/kg = -0.30 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.328$ S/m; $\epsilon_r = 34.442$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.59, 4.59, 4.59); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Middle/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.455 W/kg

Configuration/Touch Right - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.551 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.12 W/kg

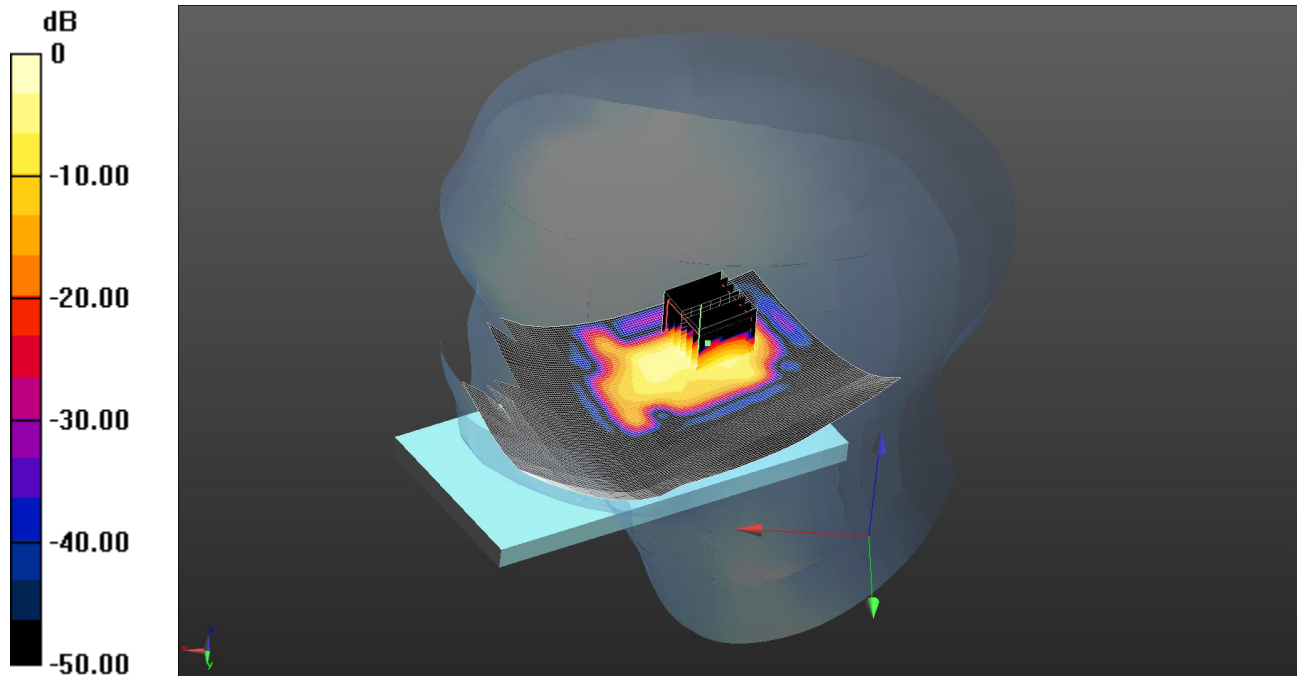
SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.934 W/kg

179: Touch Right WLAN 802.11ac 40MHz CH38

Date: 3/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.726 W/kg = -1.39 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5190 MHz; Duty Cycle: 1:1

Medium: 5800 MHz HSL Medium parameters used (interpolated): $f = 5190$ MHz; $\sigma = 4.537$ S/m; $\epsilon_r = 35.353$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.666 W/kg

Configuration/Touch Right - Low/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.944 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.43 W/kg

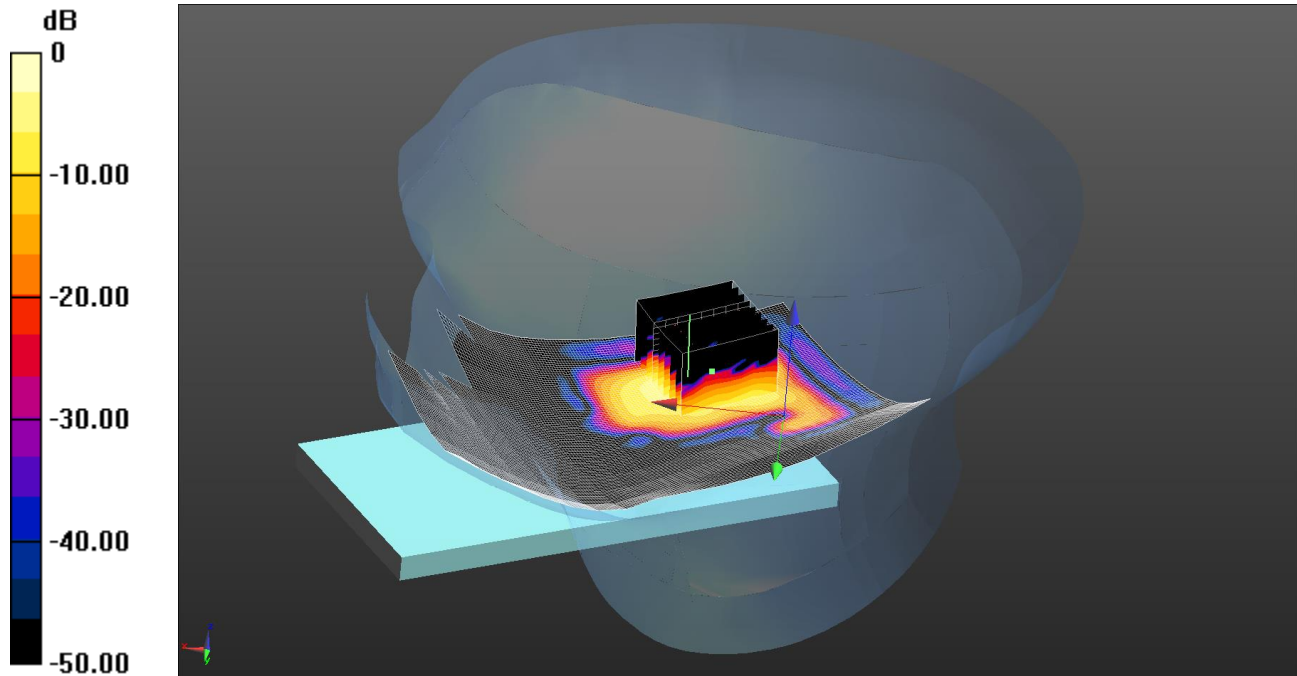
SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.120 W/kg

Maximum value of SAR (measured) = 0.726 W/kg

180: Touch Right WLAN 802.11ac 40MHz CH54

Date: 3/6/2014 2:25:40 PM

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.695 W/kg = -1.58 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: 5800 MHz HSL Medium parameters used (interpolated): $f = 5270$ MHz; $\sigma = 4.613$ S/m; $\epsilon_r = 35.248$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.86, 4.86, 4.86); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low/Area Scan 2 (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.922 W/kg

Configuration/Touch Right - Low/Zoom Scan (7x7x12) /Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.572 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.47 W/kg

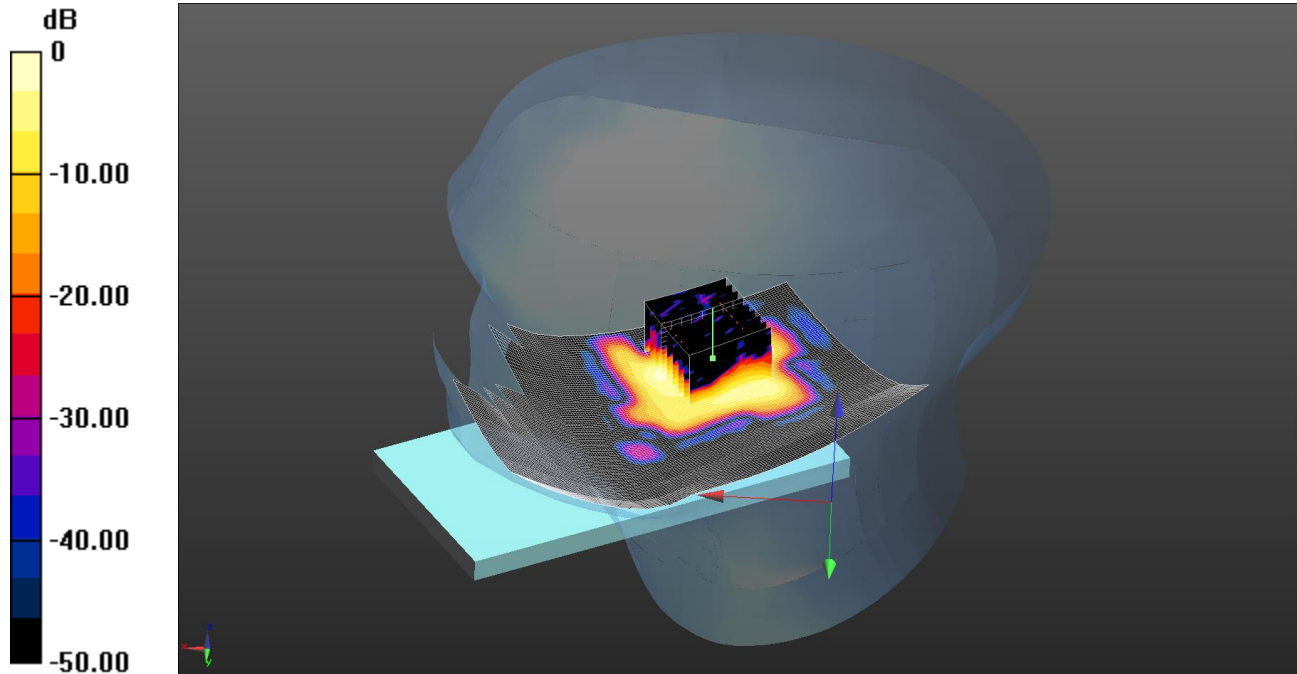
SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.695 W/kg

181: Touch Right WLAN 802.11ac 40MHz CH134

Date: 3/6/2014 PM

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.601 W/kg = -2.21 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: 5800 MHz HSL Medium parameters used (interpolated): $f = 5670$ MHz; $\sigma = 4.996$ S/m; $\epsilon_r = 34.792$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.35, 4.35, 4.35); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Middle/Area Scan 2 (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.534 W/kg

Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.290 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.08 W/kg

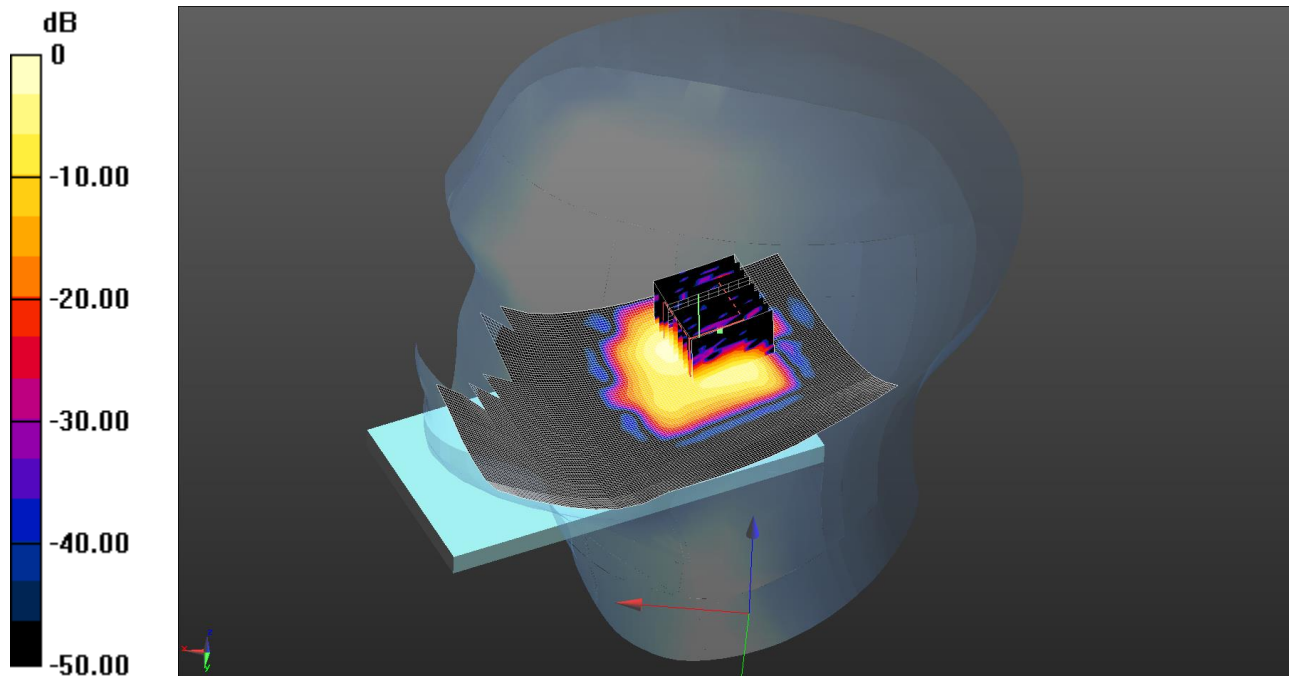
SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.601 W/kg

182: Touch Right WLAN 802.11ac 40MHz CH151

Date: 3/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.704 W/kg = -1.52 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: 5800 MHz HSL Medium parameters used (interpolated): $f = 5755$ MHz; $\sigma = 5.076$ S/m; $\epsilon_r = 34.68$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.59, 4.59, 4.59); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - High/Area Scan 2 (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.684 W/kg

Configuration/Touch Right - High/Zoom Scan (7x7x12) 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.921 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.31 W/kg

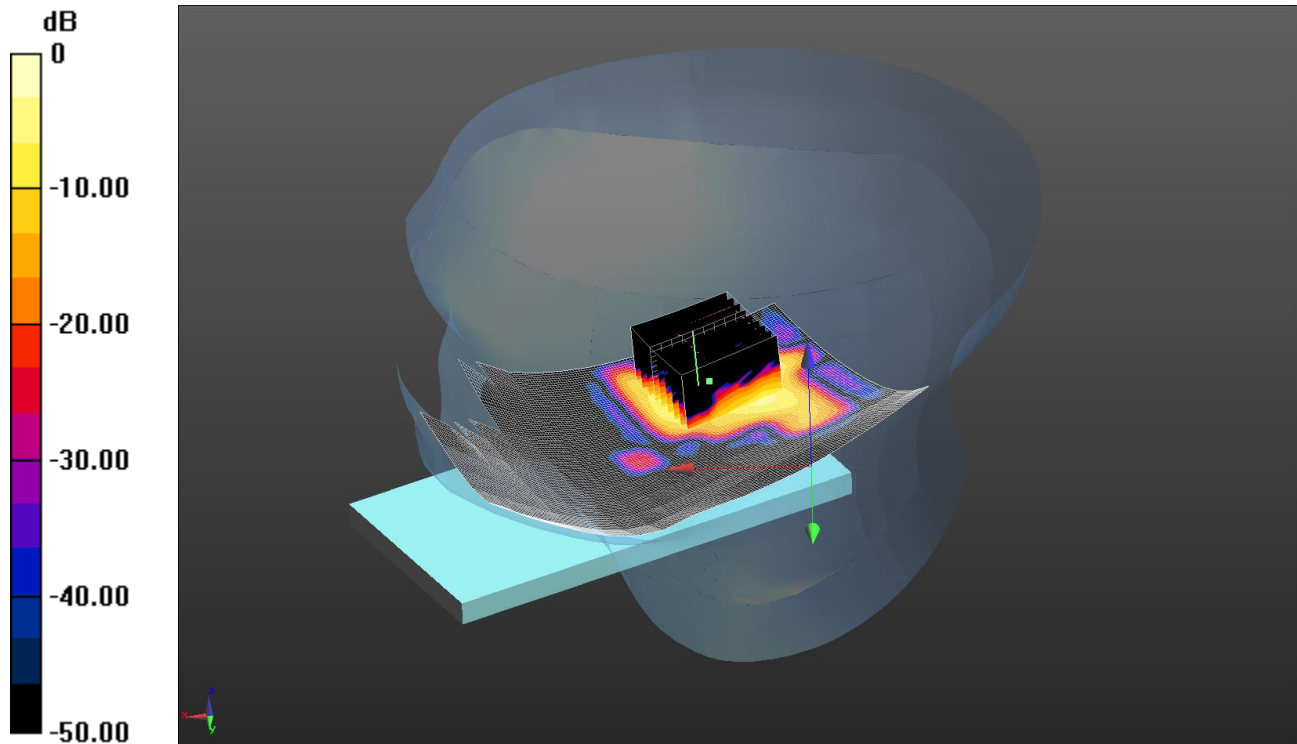
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.704 W/kg

183: Touch Right WLAN 802.11ac 80MHz CH42

Date: 4/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.570 W/kg = -2.44 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5210 MHz; Duty Cycle: 1:1

Medium: 5800 MHz HSL Medium parameters used (interpolated): $f = 5210$ MHz; $\sigma = 4.556$ S/m; $\epsilon_r = 35.326$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low/Area Scan 2 (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.720 W/kg

Configuration/Touch Right - Low/Zoom Scan (7x7x12) 2 (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.973 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.32 W/kg

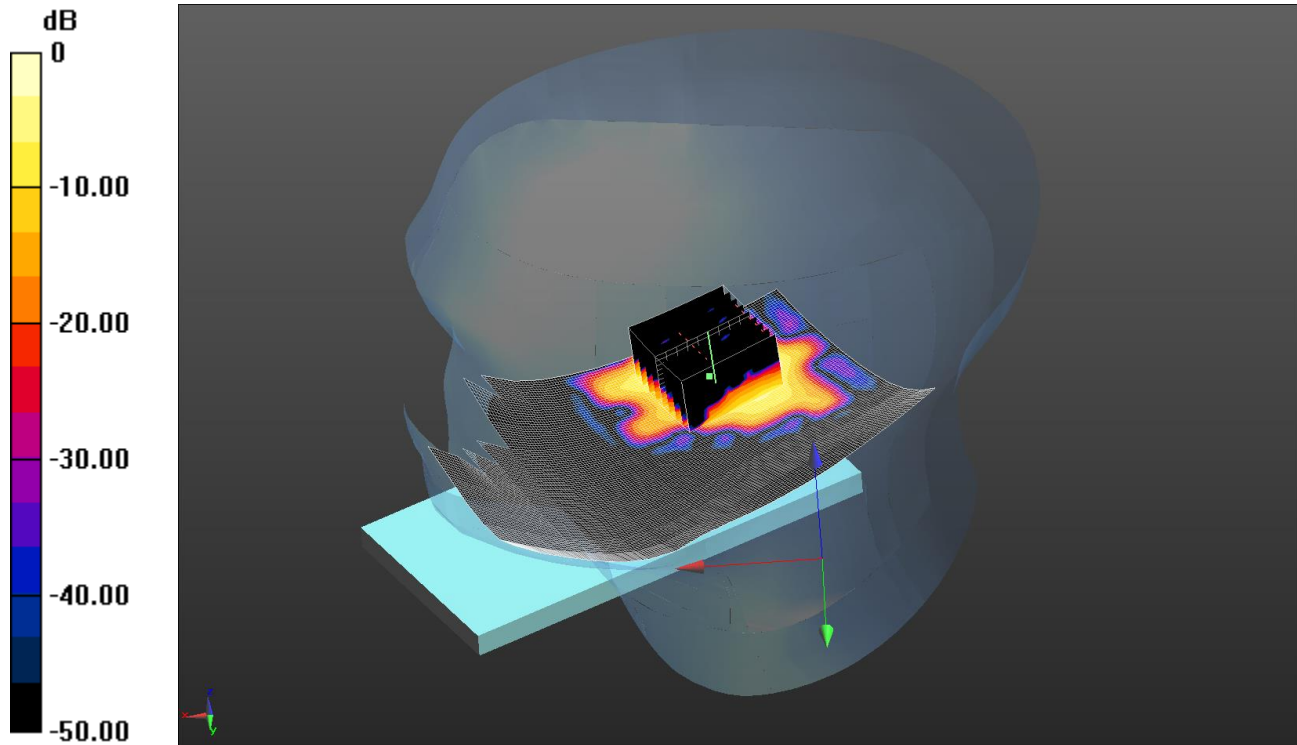
SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.570 W/kg

184: Touch Right WLAN 802.11ac 80MHz CH58

Date: 4/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.565 W/kg = -2.48 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5290 MHz; Duty Cycle: 1:1

Medium: 5800 MHz HSL Medium parameters used (interpolated): $f = 5290$ MHz; $\sigma = 4.626$ S/m; $\epsilon_r = 35.214$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.86, 4.86, 4.86); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low 2/Area Scan 2 (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.544 W/kg

Configuration/Touch Right - Low 2/Zoom Scan (7x7x12) 2 (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.06 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.84 W/kg

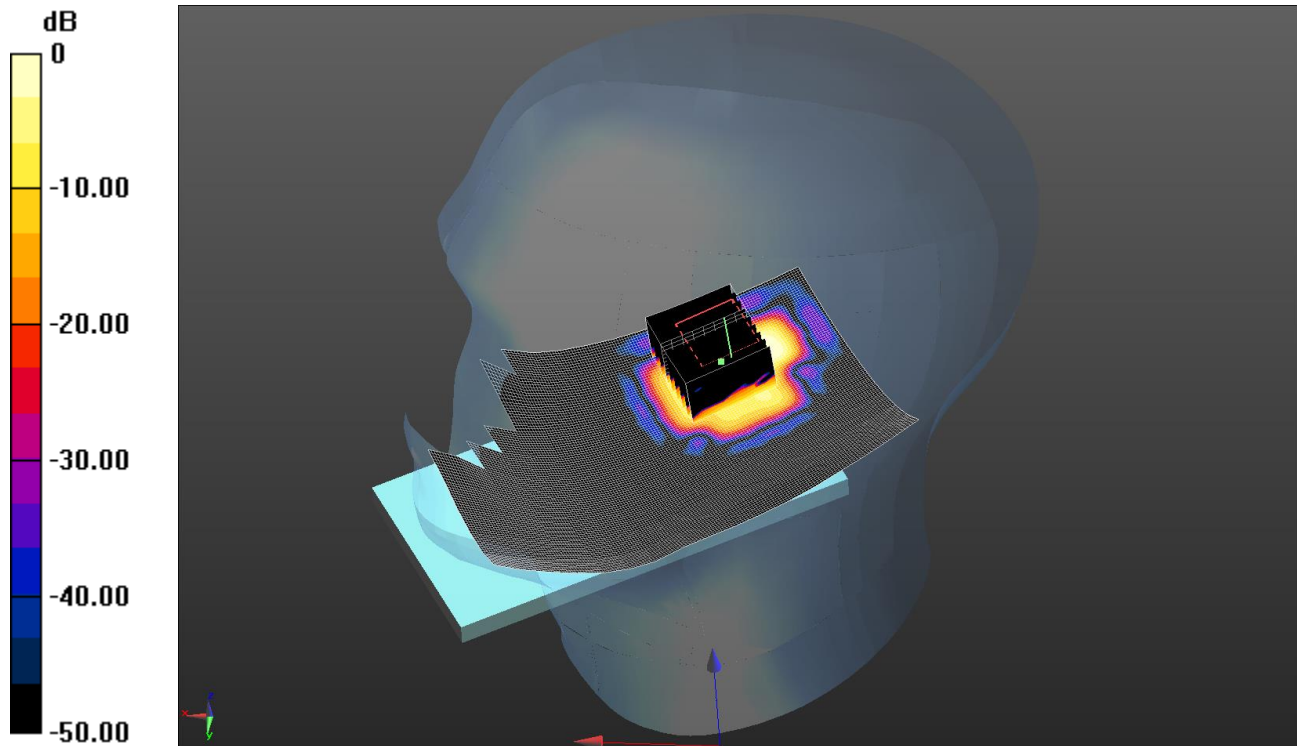
SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.565 W/kg

185: Touch Right WLAN 802.11ac 80MHz CH106

Date: 4/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.299 W/kg = -5.24 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5530 MHz; Duty Cycle: 1:1

Medium: 5800 MHz HSL Medium parameters used (interpolated): $f = 5530$ MHz; $\sigma = 4.852$ S/m; $\epsilon_r = 34.956$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.76, 4.76, 4.76); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Middle/Area Scan 2 (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.456 W/kg

Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.366 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.584 W/kg

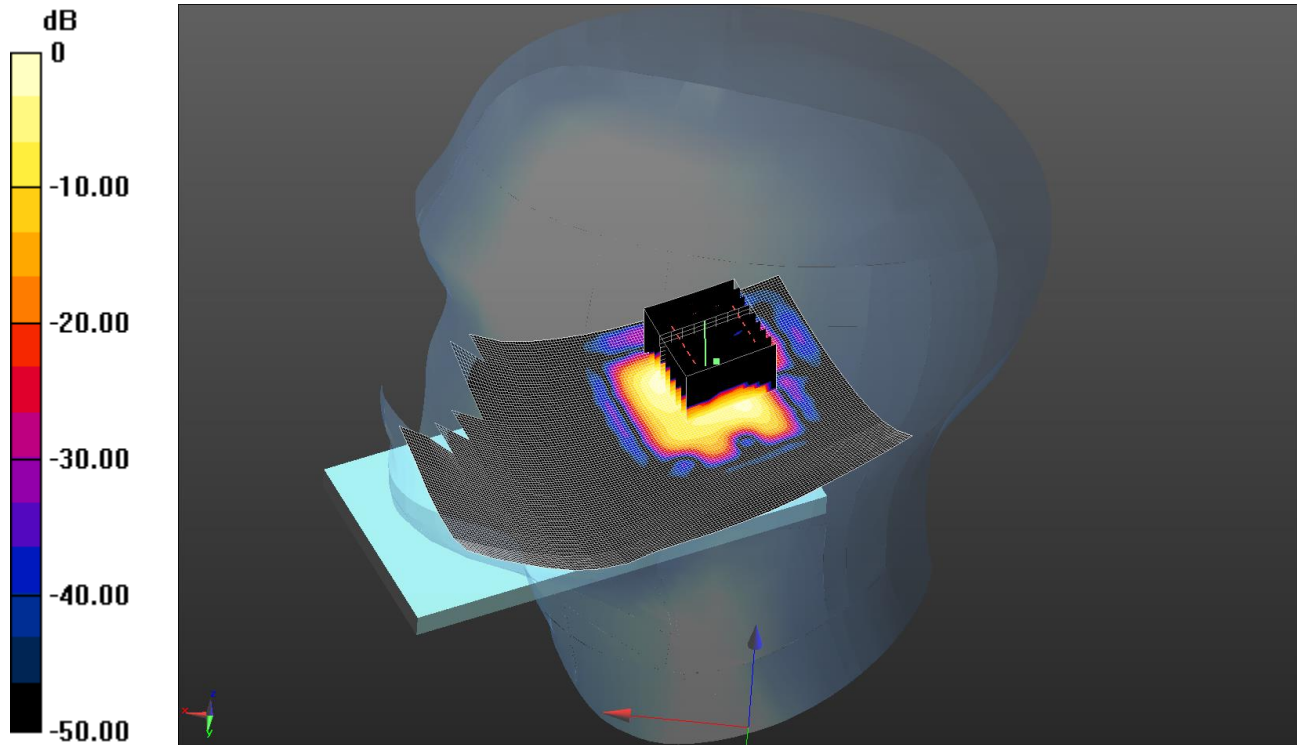
SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.299 W/kg

186: Touch Right WLAN 802.11ac 80MHz CH155

Date: 4/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.457 W/kg = -3.40 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: 5800 MHz HSL Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.097$ S/m; $\epsilon_r = 34.663$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.59, 4.59, 4.59); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - High/Area Scan 2 (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.794 W/kg

Configuration/Touch Right - High/Zoom Scan (7x7x12) 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.575 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.913 W/kg

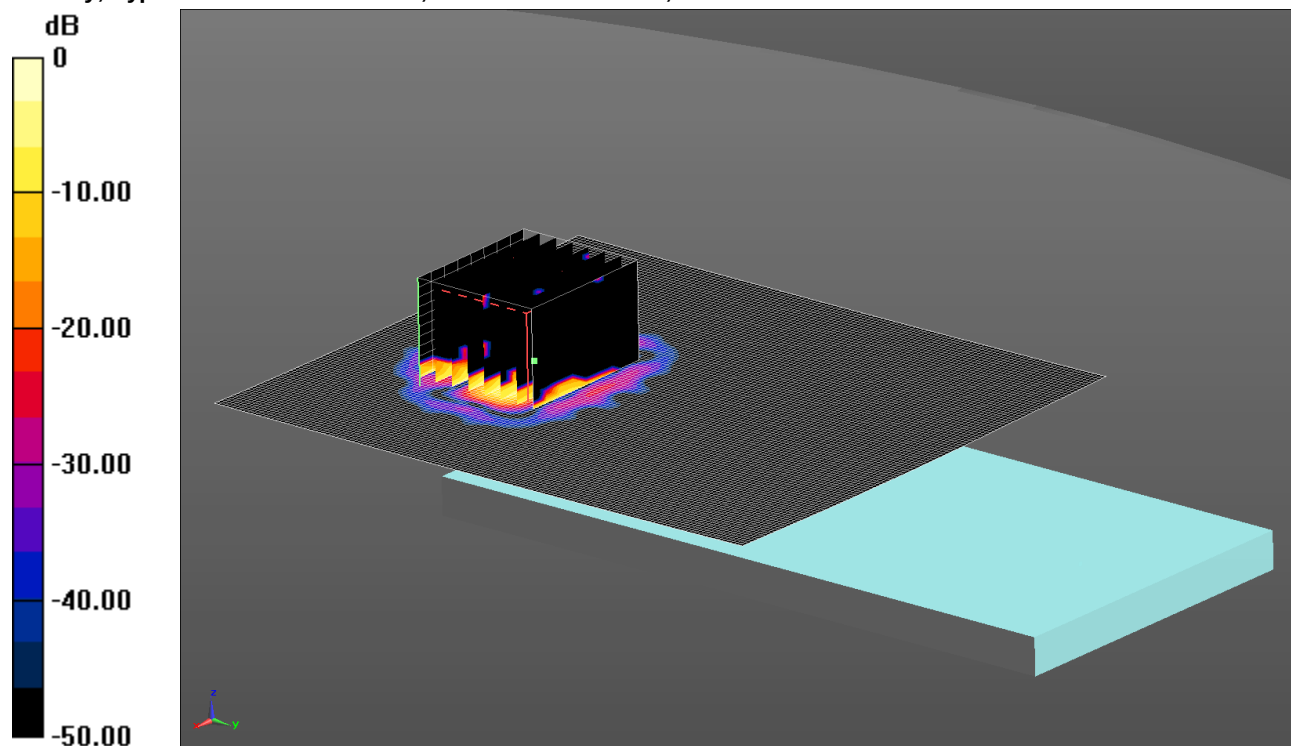
SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.457 W/kg

187: Front Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48

Date: 5/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1L, #1



0 dB = 0.105 W/kg = -9.79 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 5.394$ S/m; $\epsilon_r = 49.138$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front of EUT Facing Phantom HotSpot- Middle/Area Scan (111x131x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0532 W/kg

Configuration/Front of EUT Facing Phantom HotSpot- Middle/Zoom Scan (5-6 GHz) (7x7x12) (9x8x12)/Cube 0:Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.643 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.016 W/kg

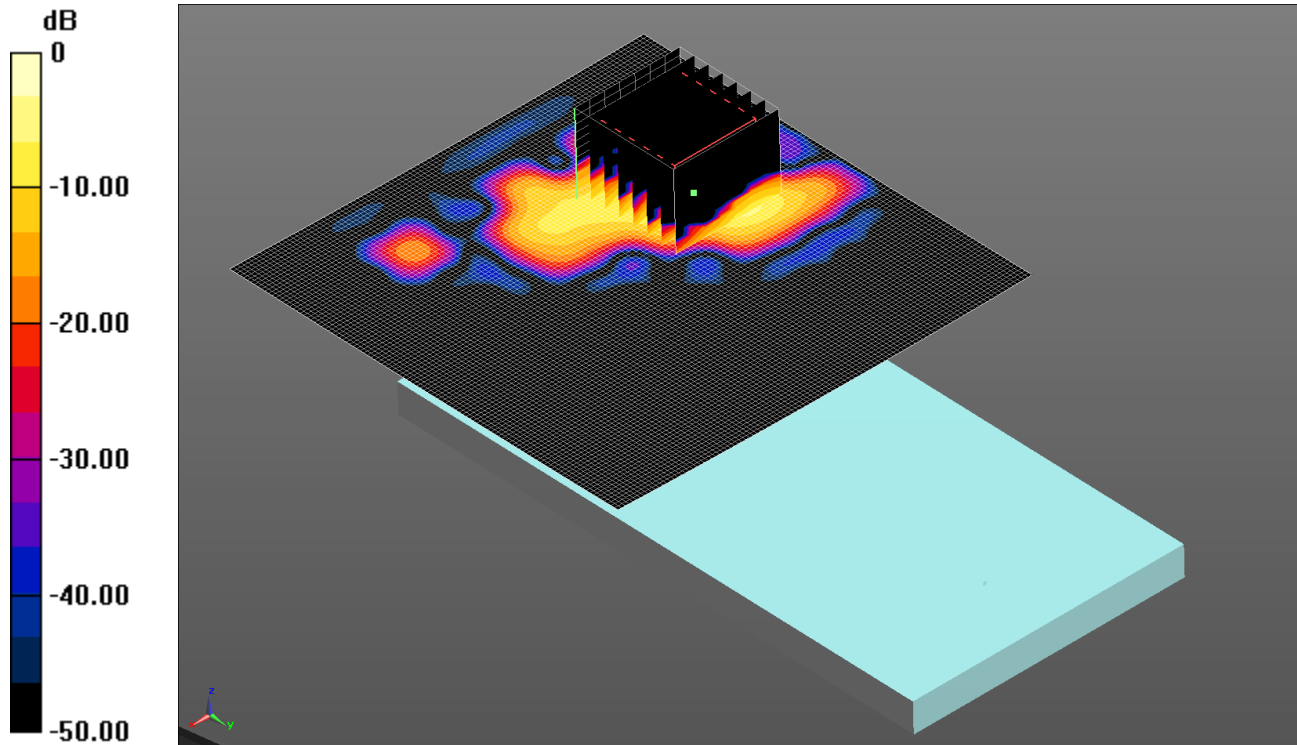
Maximum value of SAR (measured) = 0.105 W/kg

Note: SAR level measured is very low as equivalent to noise floor.

188: Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48

Date: 5/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1L, #1



0 dB = 0.565 W/kg = -2.48 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 5.394$ S/m; $\epsilon_r = 49.138$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.340 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle/Zoom Scan (5-6 GHz) (7x7x12) (8x8x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.806 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.04 W/kg

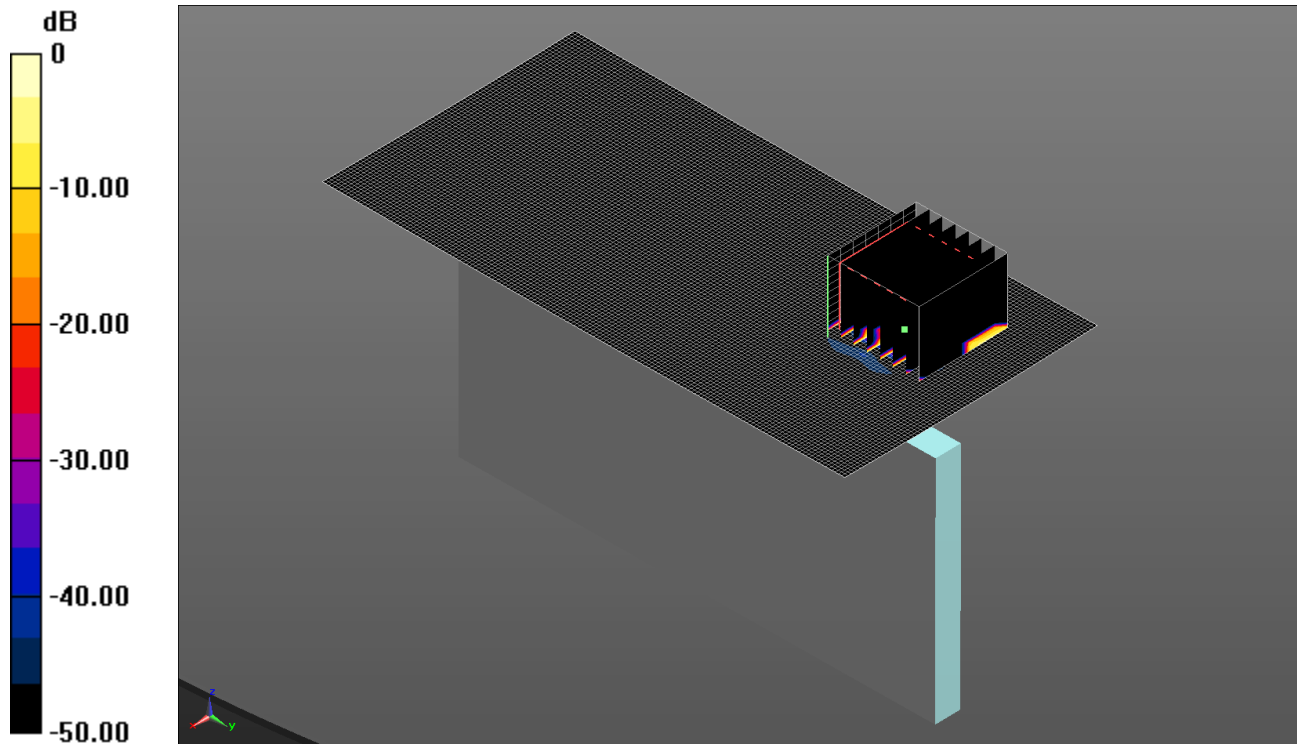
SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.565 W/kg

189: Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48

Date: 6/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1L, #1



0 dB = 0.0502 W/kg = -12.99 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 5.394$ S/m; $\epsilon_r = 49.138$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Left Hand Side of EUT Facing Phantom HotSpot- Middle/Area Scan (81x161x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0174 W/kg

Configuration/Left Hand Side of EUT Facing Phantom HotSpot- Middle/Zoom Scan (5-6 GHz) (7x7x12) (8x8x12)/Cube 0:**Measurement grid:** dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.012 W/kg

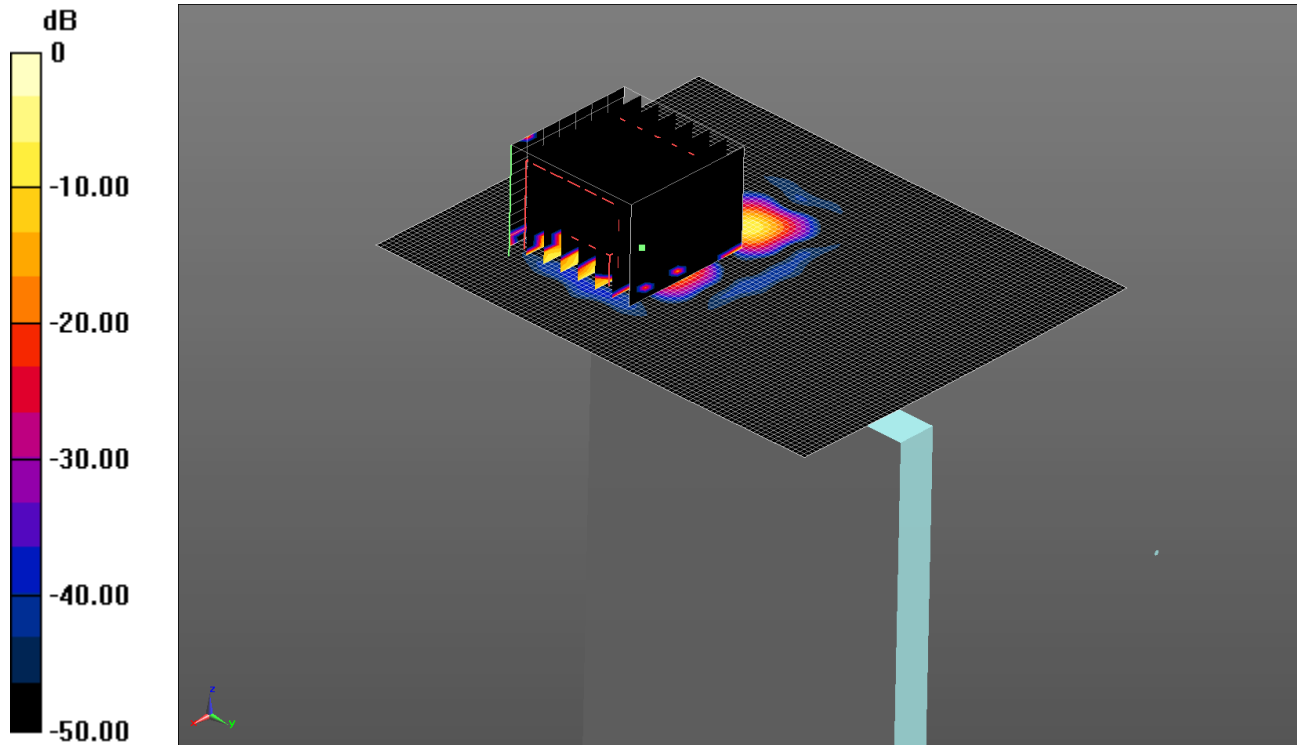
Maximum value of SAR (measured) = 0.0502 W/kg

Note: SAR level measured is very low as equivalent to noise floor.

190: Top Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48

Date: 6/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1L, #1



0 dB = 0.0516 W/kg = -12.87 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 5.394$ S/m; $\epsilon_r = 49.138$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Top of EUT Facing Phantom HotSpot- Middle/Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0352 W/kg

Configuration/Top of EUT Facing Phantom HotSpot- Middle/Zoom Scan (5-6 GHz) (7x7x12) (8x8x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.7630 V/m; Power Drift = 1.88 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00836 W/kg

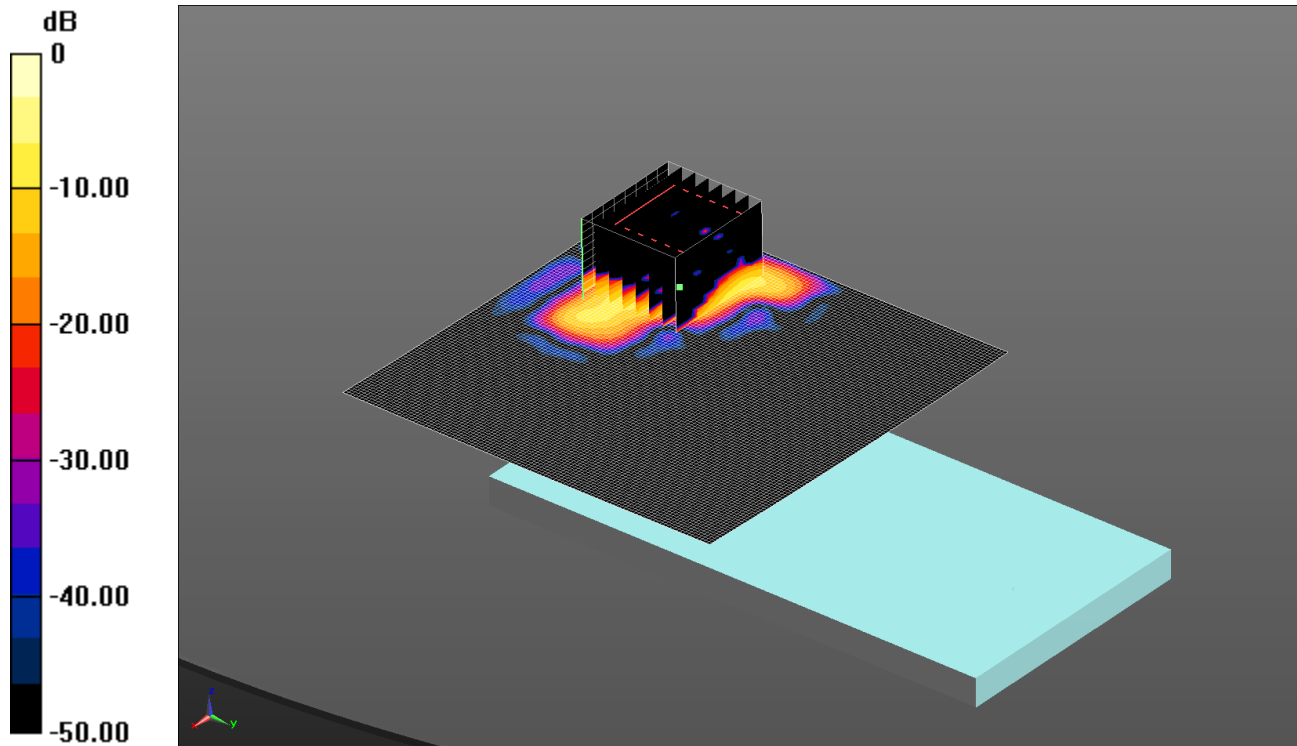
Maximum value of SAR (measured) = 0.0516 W/kg

Note: SAR level measured is very low as equivalent to noise floor.

191: Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH52

Date: 6/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1L, #1



0 dB = 0.510 W/kg = -2.92 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.421$ S/m; $\epsilon_r = 49.066$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.09, 4.09, 4.09); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.459 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2/Zoom Scan (5-6 GHz) (7x7x12) (9x8x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.325 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.898 W/kg

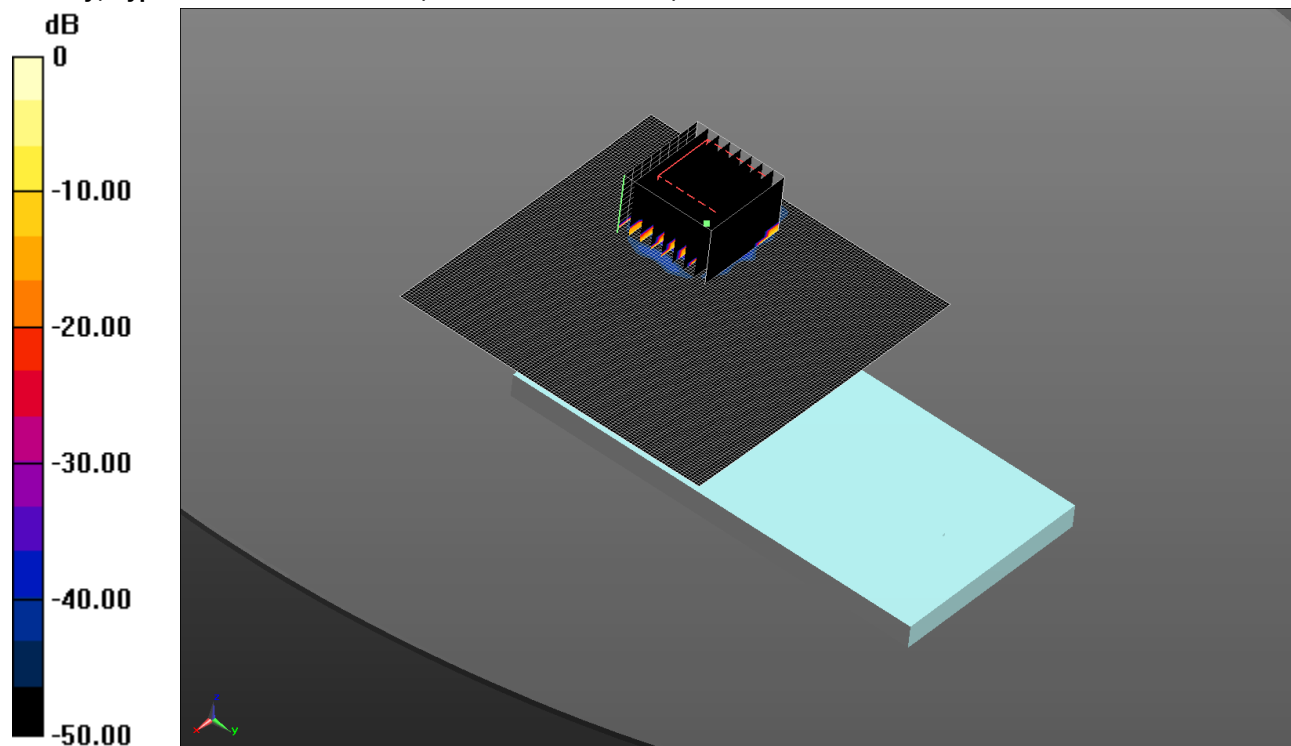
SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.510 W/kg

192: Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH104

Date: 6/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV,#2



0 dB = 0.205 W/kg = -6.88 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5520$ MHz; $\sigma = 5.776$ S/m; $\epsilon_r = 48.323$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2 2/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.126 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2 2/Zoom Scan (5-6 GHz) (7x7x12) (9x9x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.209 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.024 W/kg

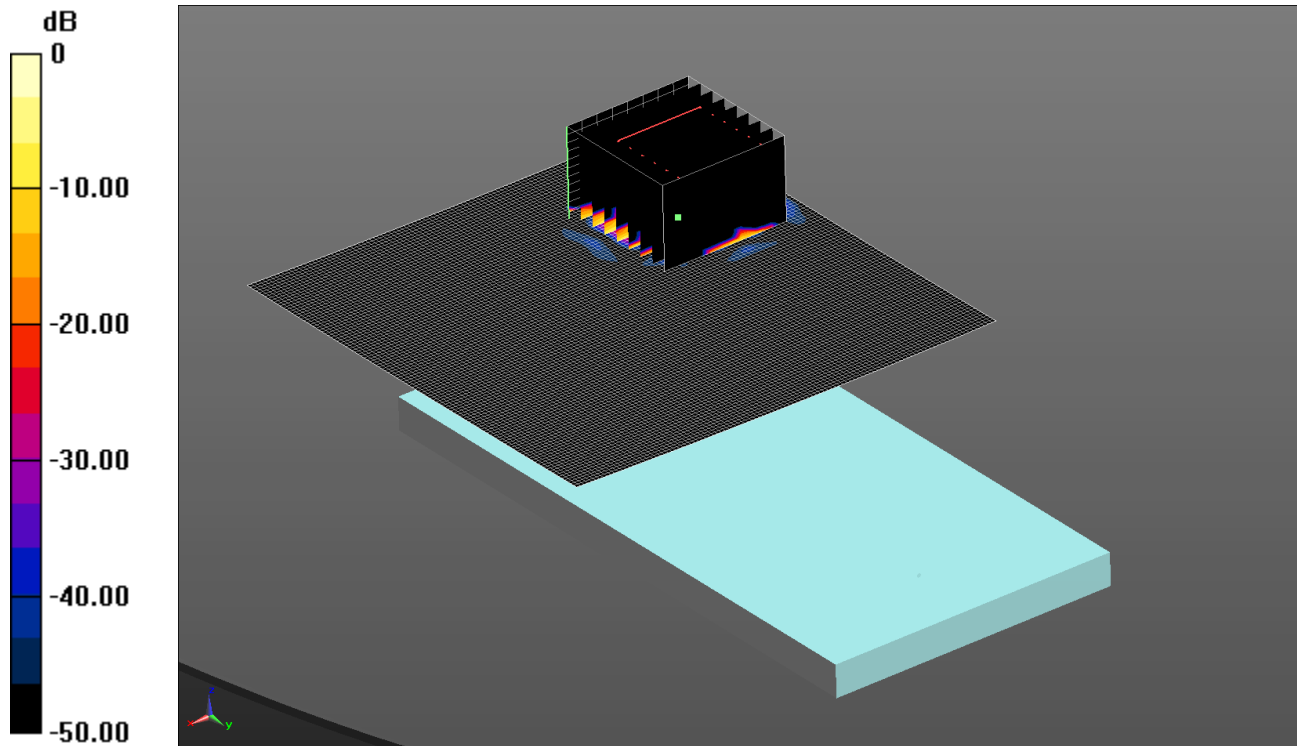
Maximum value of SAR (measured) = 0.205 W/kg

Note: SAR level measured is very low as equivalent to noise floor.

193: Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH149

Date: 6/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1L,#1



0 dB = 0.237 W/kg = -6.25 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.115$ S/m; $\epsilon_r = 47.764$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2/Area Scan (111x111x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.207 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2/Zoom Scan (5-6 GHz) (7x7x12) (9x9x12)/Cube 0:

Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 5.876 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.027 W/kg

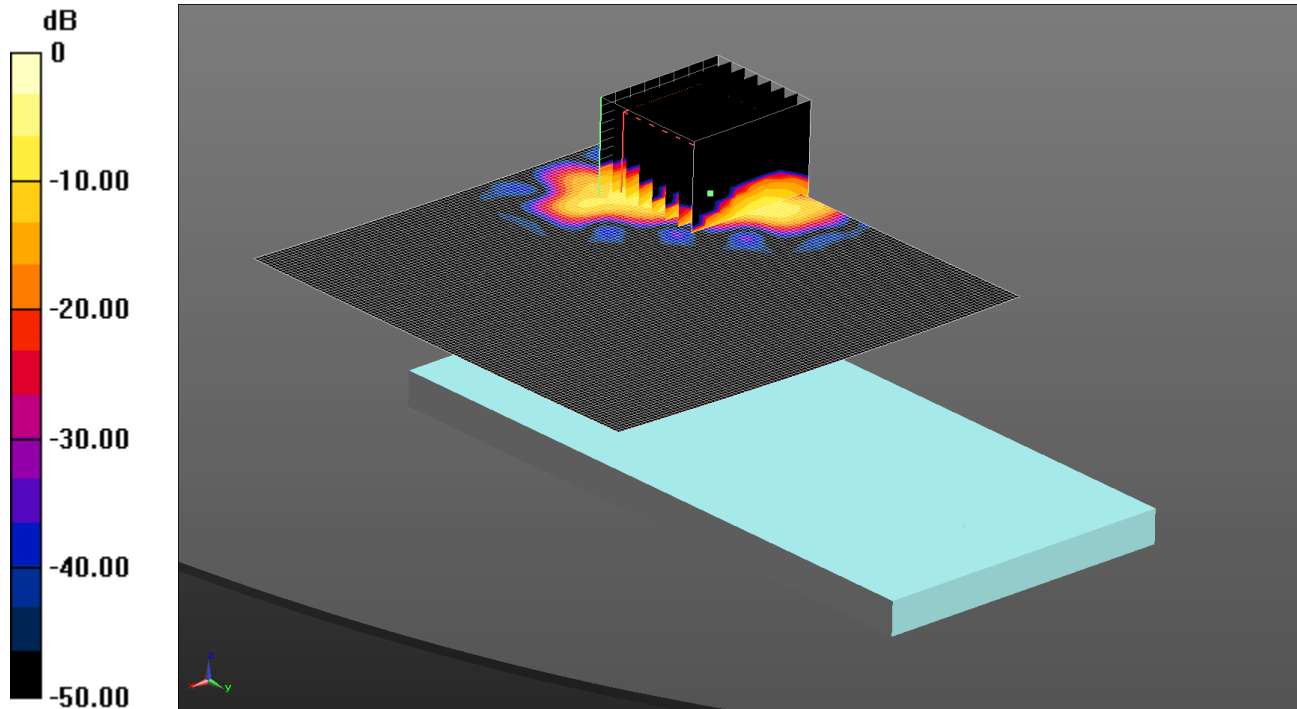
Maximum value of SAR (measured) = 0.237 W/kg

Note: SAR level measured is very low as equivalent to noise floor.

194: Back Of EUT Facing Phantom Wi-Fi 802.11n 20MHz 6.0Mbps CH48

Date: 9/7/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 5.377$ S/m; $\epsilon_r = 48.428$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.462 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2/Zoom Scan (5-6 GHz) (7x7x12) (9x8x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.275 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.859 W/kg

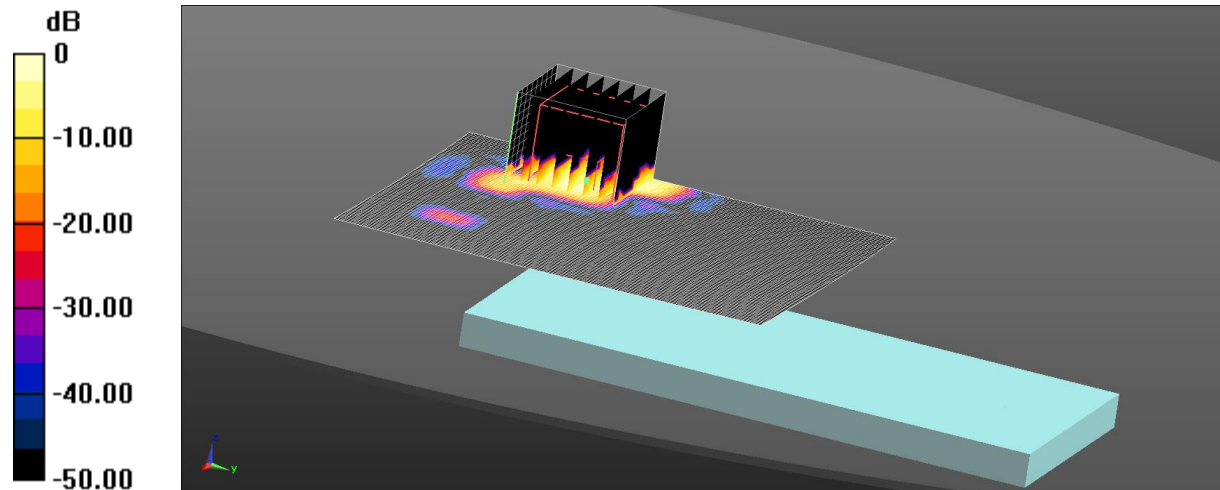
SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.494 W/kg

195: Back Of EUT Facing Phantom Wi-Fi 802.11n 20MHz 6.0Mbps CH64

Date: 8/7/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.242 W/kg = -6.16 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5320$ MHz; $\sigma = 5.487$ S/m; $\epsilon_r = 48.199$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.09, 4.09, 4.09); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.262 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2/Zoom Scan (5-6 GHz) (7x7x12) (9x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.292 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.029 W/kg

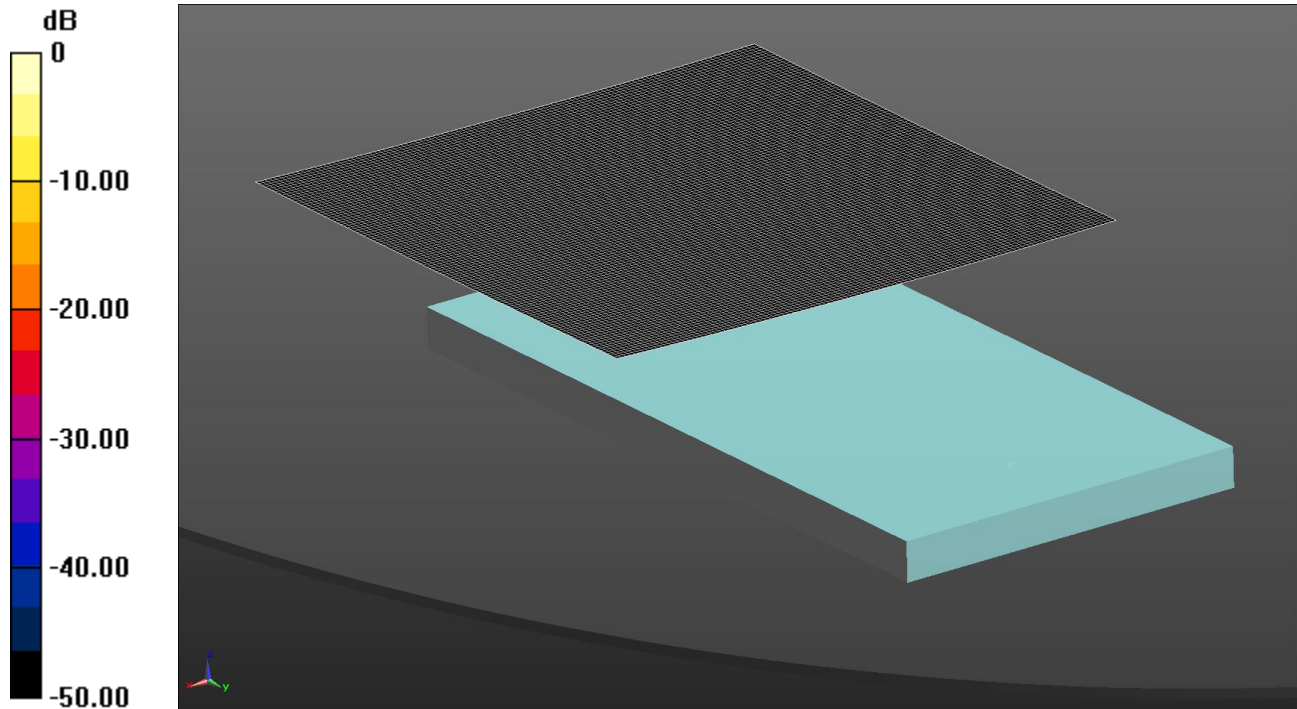
Maximum value of SAR (measured) = 0.242 W/kg

Note: SAR level measured is very low as equivalent to noise floor.

196: Back Of EUT Facing Phantom Wi-Fi 802.11n 20MHz 6.0Mbps CH112

Date: 9/7/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0 W/kg = -999.00 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5560 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5560$ MHz; $\sigma = 5.886$ S/m; $\epsilon_r = 47.655$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.74, 3.74, 3.74); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2/Area Scan (111x111x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

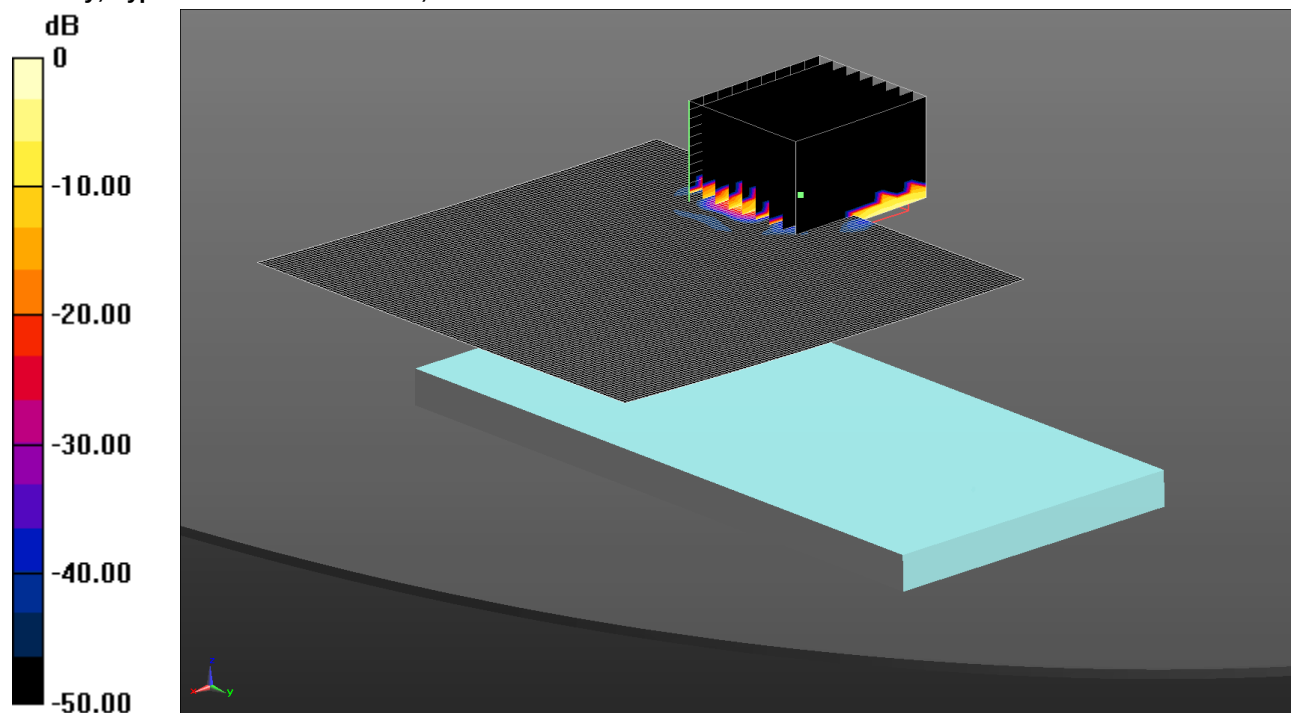
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured on Areas Scan is very low as equivalent to noise floor. Hence, DASY SAR system, cannot evaluate the Zoom scan.

197: Back Of EUT Facing Phantom Wi-Fi 802.11n 20MHz 6.0Mbps CH149

Date: 9/7/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RXV



0 dB = 0.184 W/kg = -7.35 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.161$ S/m; $\epsilon_r = 47.278$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;

- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014

- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2/Area Scan (111x111x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.104 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2/Zoom Scan (5-6 GHz) (7x7x12) (10x9x12)/Cube 0:

Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.464 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.626 W/kg

SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.024 W/kg

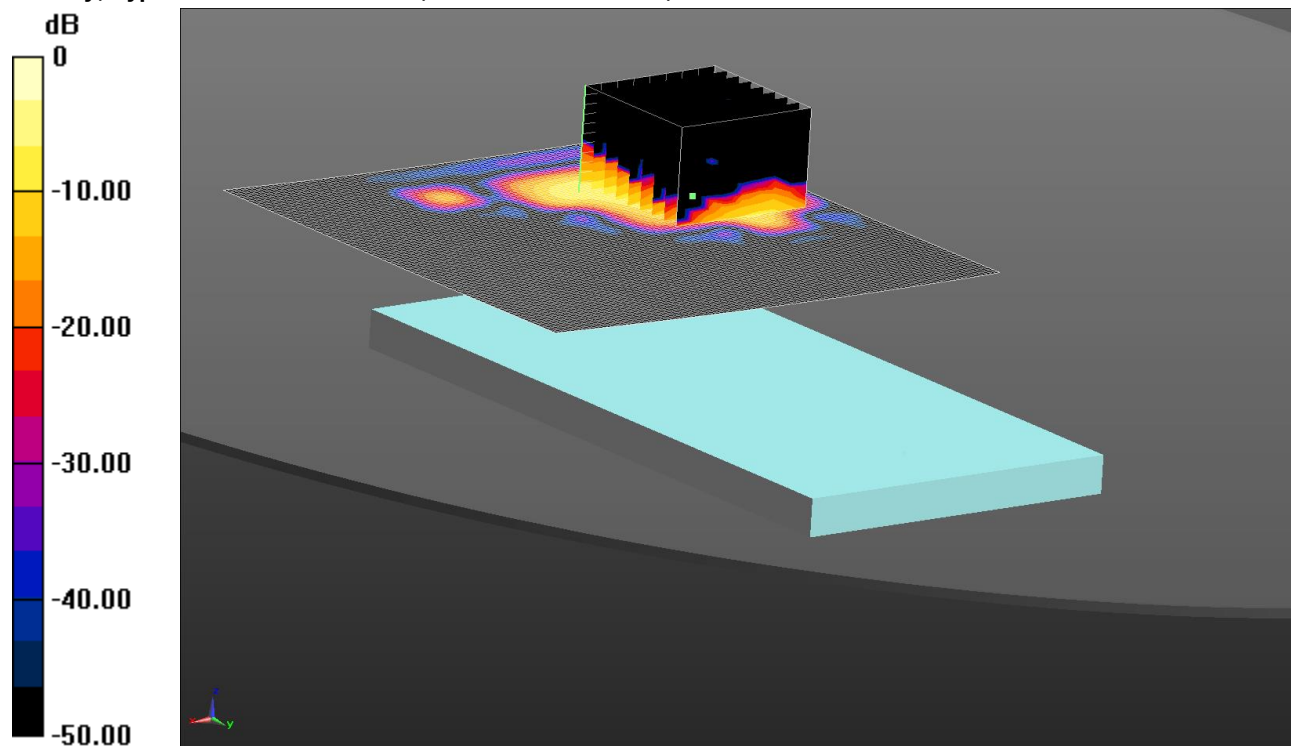
Maximum value of SAR (measured) = 0.184 W/kg

Note: SAR level measured is very low as equivalent to noise floor.

198: Back Of EUT Facing Phantom Wi-Fi 802.11ac 40MHz 13.5Mbps CH38

Date: 6/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1L,#1



0 dB = 0.412 W/kg = -3.85 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5190 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5190$ MHz; $\sigma = 5.319$ S/m; $\epsilon_r = 49.291$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2 /Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.290 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2 /Zoom Scan (5-6 GHz) (7x7x12) (9x9x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.124 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.851 W/kg

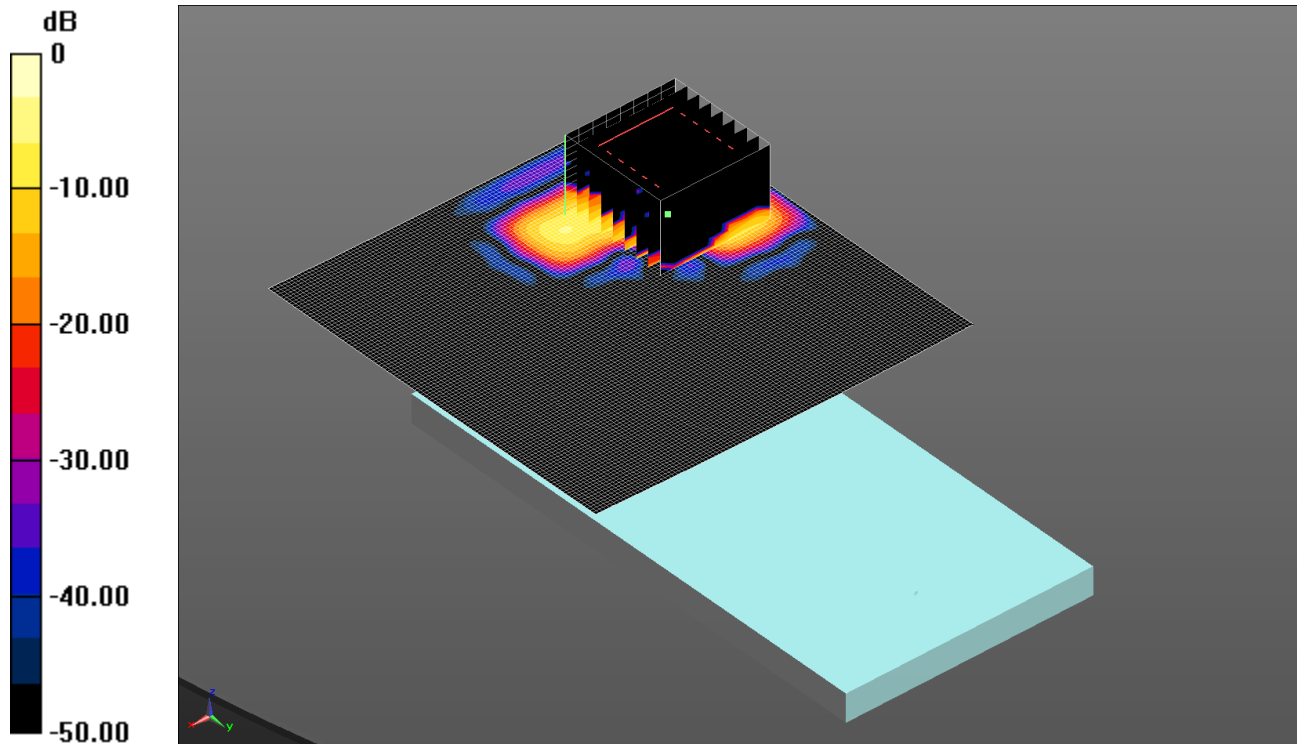
SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.412 W/kg

199: Back Of EUT Facing Phantom Wi-Fi 802.11ac 40MHz 13.5Mbps CH54

Date: 6/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1L,#1



0 dB = 0.414 W/kg = -3.83 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5270$ MHz; $\sigma = 5.434$ S/m; $\epsilon_r = 49.023$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.09, 4.09, 4.09); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2 2/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.387 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2 2/Zoom Scan (5-6 GHz) (7x7x12) (9x9x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.420 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.734 W/kg

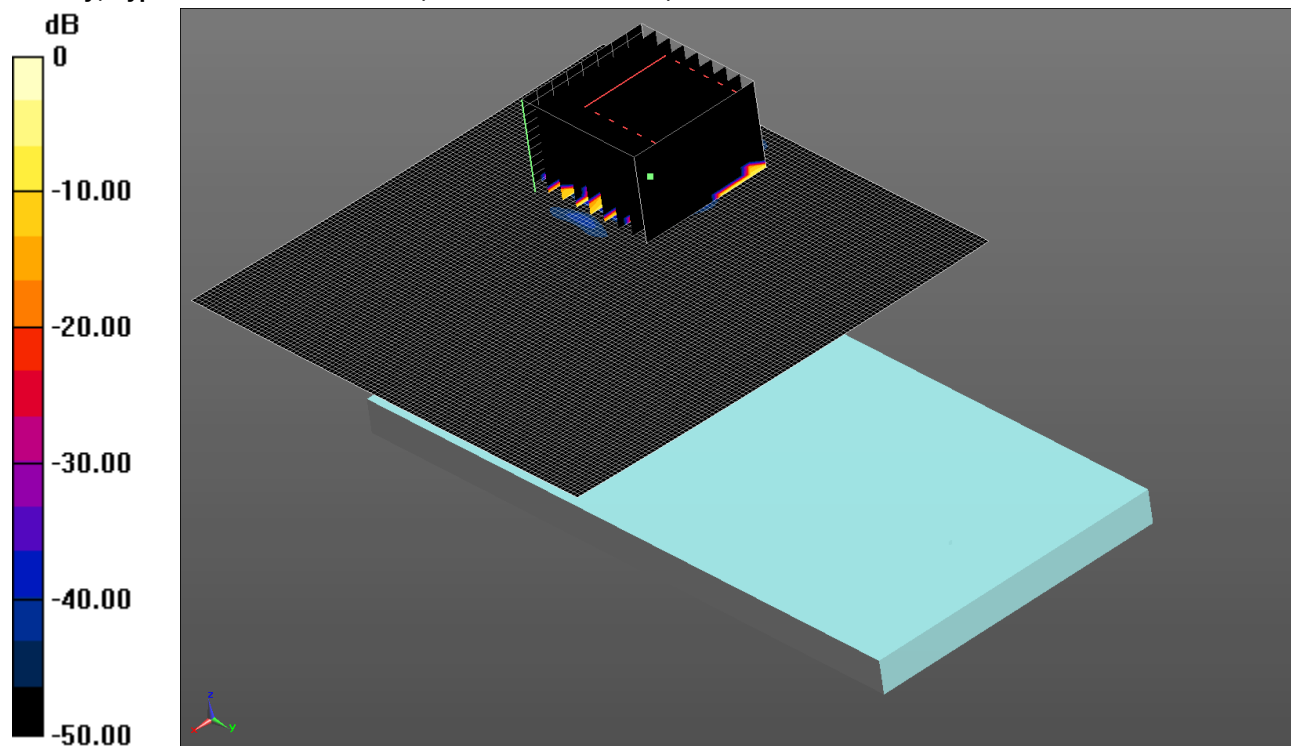
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.414 W/kg

200: Back Of EUT Facing Phantom Wi-Fi 802.11ac 40MHz 13.5Mbps CH134

Date: 6/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1L,#1



0 dB = 0.108 W/kg = -9.67 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5670$ MHz; $\sigma = 6$ S/m; $\epsilon_r = 47.987$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.74, 3.74, 3.74); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2 2/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0505 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2 2/Zoom Scan (5-6 GHz) (7x7x12) (9x9x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.126 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.013 W/kg

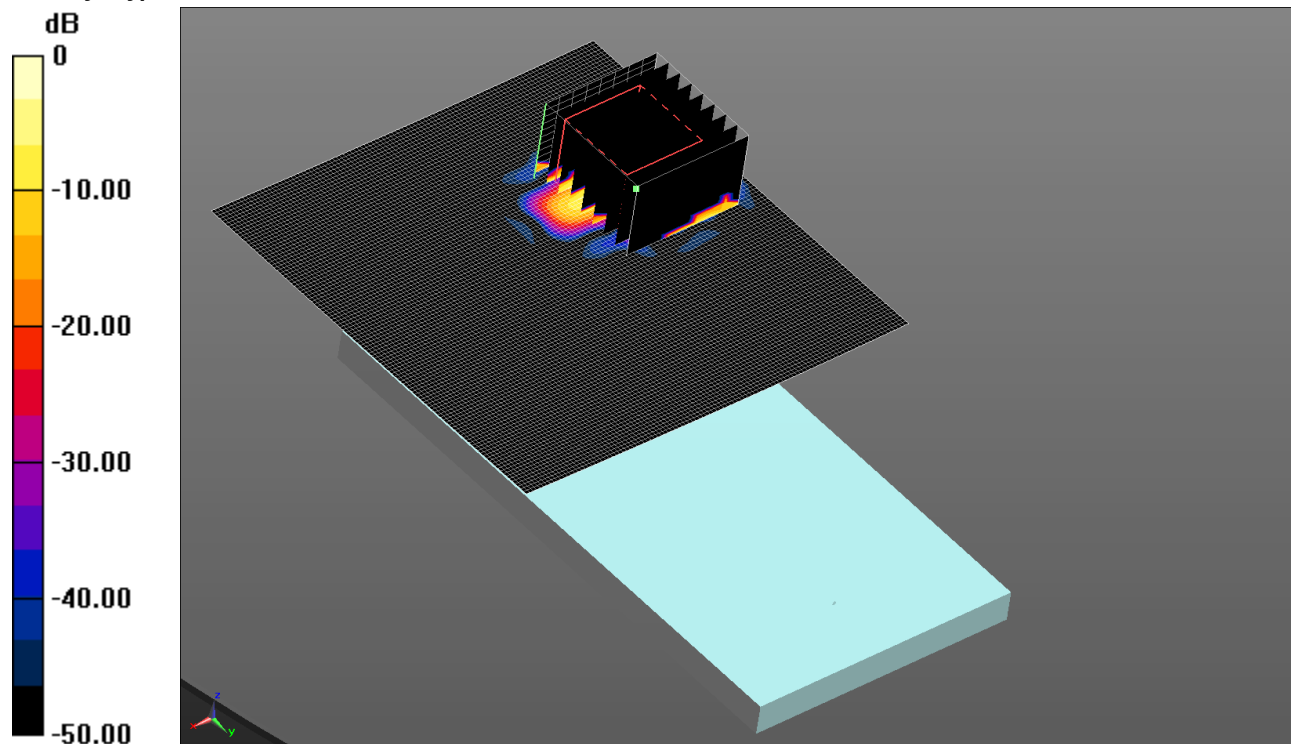
Maximum value of SAR (measured) = 0.108 W/kg

Note: SAR level measured is very low as equivalent to noise floor.

201: Back Of EUT Facing Phantom Wi-Fi 802.11ac 40MHz 13.5Mbps CH151

Date: 6/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1L,#1



0 dB = 0.128 W/kg = -8.93 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5755$ MHz; $\sigma = 6.132$ S/m; $\epsilon_r = 47.745$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2 2/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0851 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2 2/Zoom Scan (5-6 GHz) (7x7x12) (9x9x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.482 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.016 W/kg

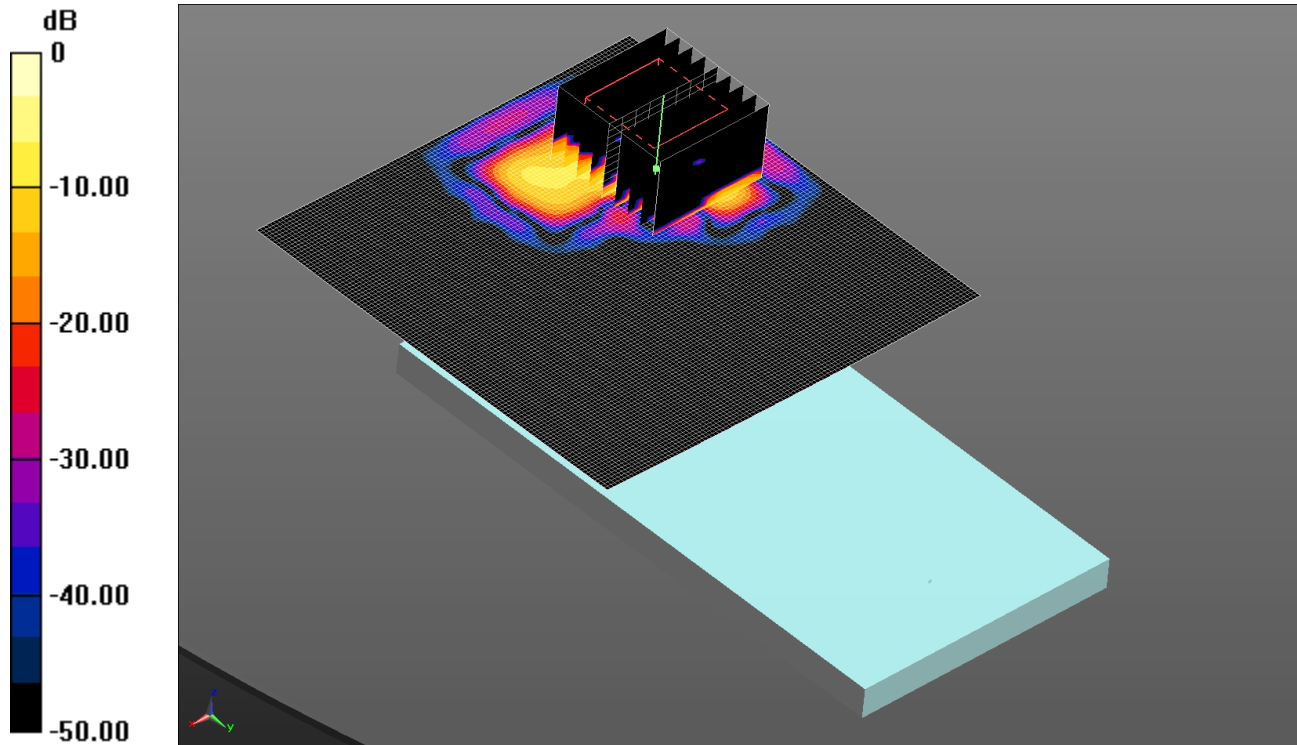
Maximum value of SAR (measured) = 0.128 W/kg

Note: SAR level measured is very low as equivalent to noise floor.

202: Back Of EUT Facing Phantom Wi-Fi 802.11ac 80MHz 13.5Mbps CH42

Date: 6/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1L,#1



0 dB = 0.351 W/kg = -4.55 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5210 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5210$ MHz; $\sigma = 5.351$ S/m; $\epsilon_r = 49.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2 /Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.147 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2 /Zoom Scan (5-6 GHz) (7x7x12) (9x9x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.012 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.601 W/kg

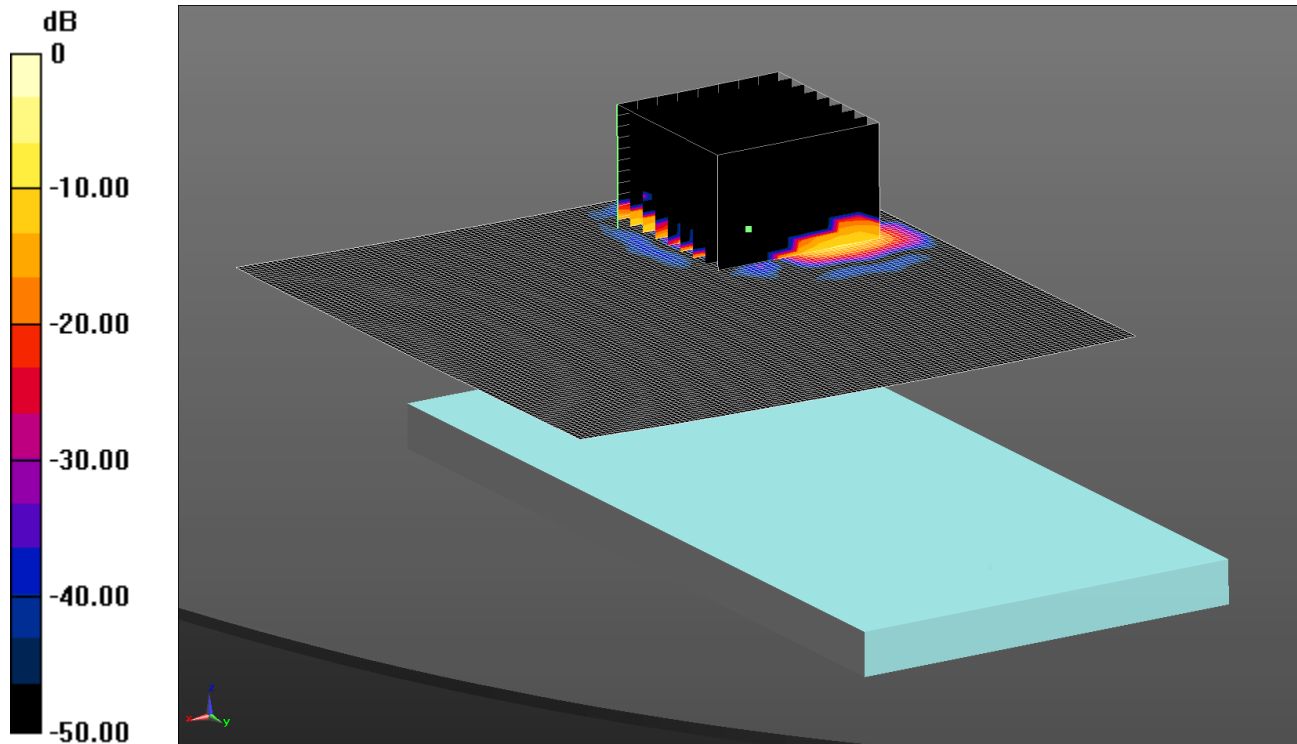
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.351 W/kg

203: Back Of EUT Facing Phantom Wi-Fi 802.11ac 80MHz 29.3Mbps CH58

Date: 9/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1L,#1



0 dB = 0.249 W/kg = -6.04 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5290 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5290$ MHz; $\sigma = 5.293$ S/m; $\epsilon_r = 47.716$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.09, 4.09, 4.09); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2 2/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.353 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle 2 2 2 2/Zoom Scan (5-6 GHz) (7x7x12) (9x9x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.935 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.452 W/kg

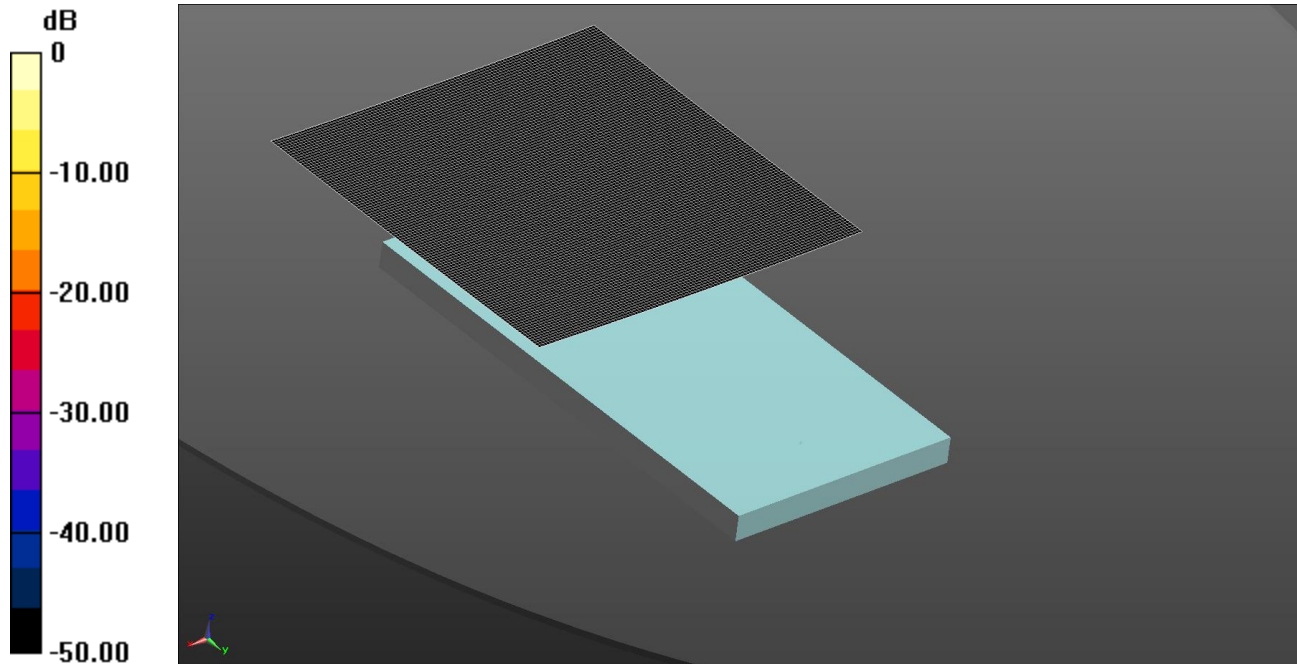
SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.249 W/kg

204: Back Of EUT Facing Phantom WiFi 802.11ac 80MHz 29.3Mbps CH106

Date 09-Jun-14

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1L,#1



0 dB = 0 W/kg = -999.00 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5530 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5530$ MHz; $\sigma = 5.623$ S/m; $\epsilon_r = 47.092$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); Calibrated: 24-Sep-13;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12-May-14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle /Area Scan (111x111x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

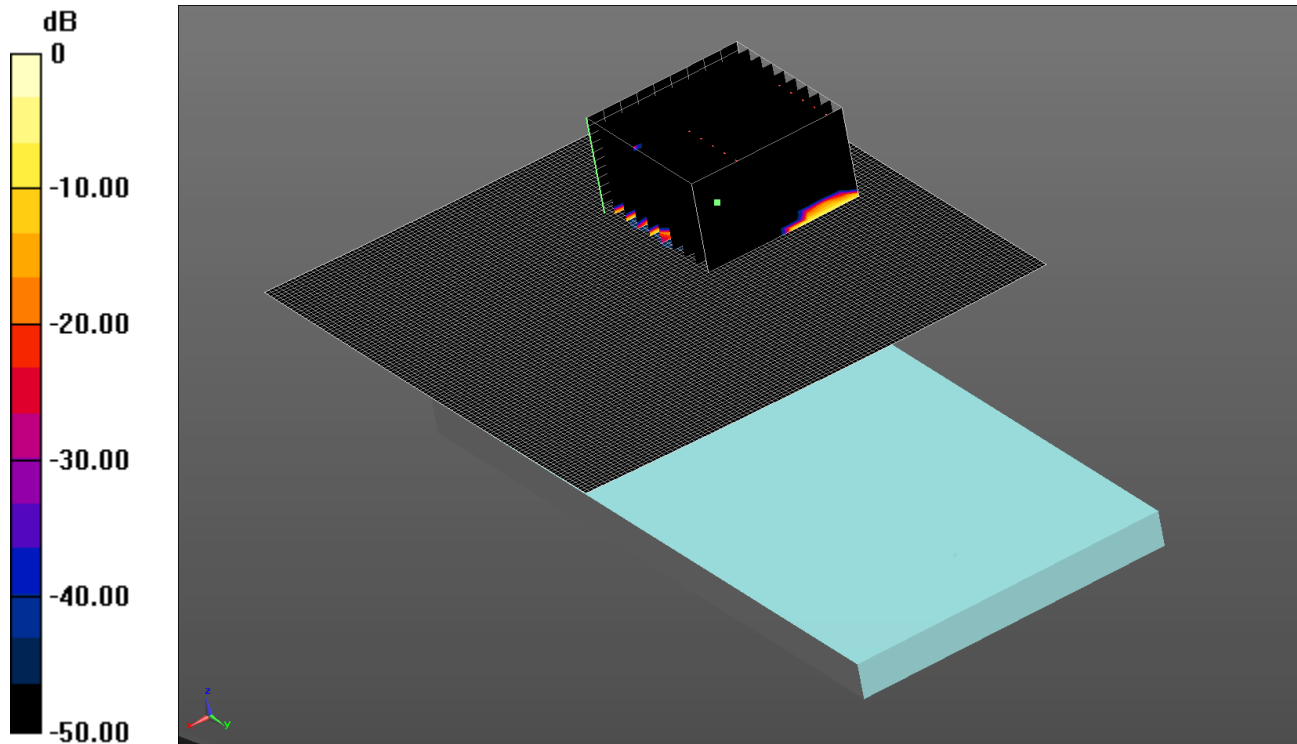
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured on Areas Scan is very low as equivalent to noise floor. Hence, DASY SAR system, cannot evaluate the Zoom scan.

205: Back Of EUT Facing Phantom Wi-Fi 802.11ac 80MHz 29.3Mbps CH155

Date: 9/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1L,#1



0 dB = 0.104 W/kg = -9.83 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 6.007$ S/m; $\epsilon_r = 46.461$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom HotSpot- Middle/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0307 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle/Zoom Scan (5-6 GHz) (7x7x12) (10x10x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.592 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.014 W/kg

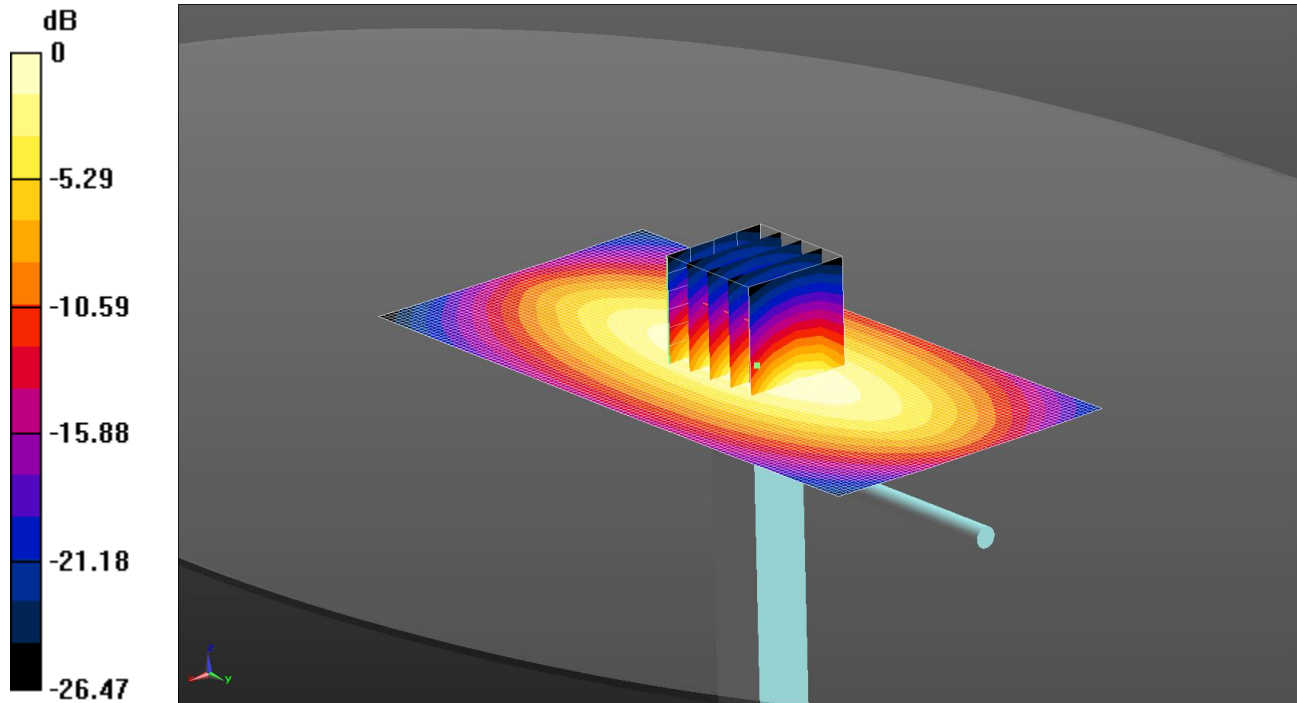
Maximum value of SAR (measured) = 0.104 W/kg

Note: SAR level measured is very low as equivalent to noise floor.

206: System Performance Check 750MHz Body 29 05 14

Date: 29/5/14

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1011



0 dB = 2.36 W/kg = 3.74 dBW/kg

Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: 750 MHz MSL Medium parameters used: $f = 750$ MHz; $\sigma = 0.95$ S/m; $\epsilon_r = 53.066$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(10.23, 10.23, 10.23); Calibrated: 7/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=15mm, Pin=250mW 2/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.36 W/kg

Configuration/d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.67 V/m; Power Drift = 0.00 dB

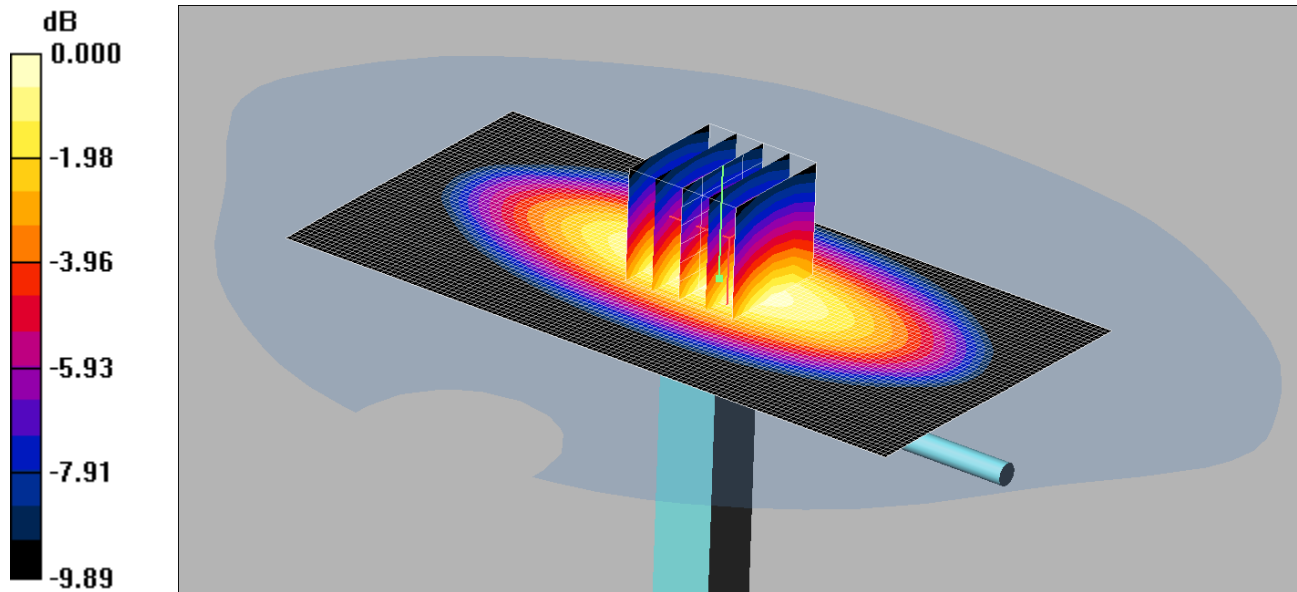
Peak SAR (extrapolated) = 3.18 W/kg

SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.48 W/kg

Maximum value of SAR (measured) = 2.35 W/kg

207: System Performance Check 750MHz Body 29 05 14

Date: 29/05/2014

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1011

0 dB = 2.25mW/g

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: 750 MHz HSL Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.867 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(10.46, 10.46, 10.46);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

d=15mm, Pin=250mW 2 2/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.22 mW/g

d=15mm, Pin=250mW 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.9 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 3.07 W/kg

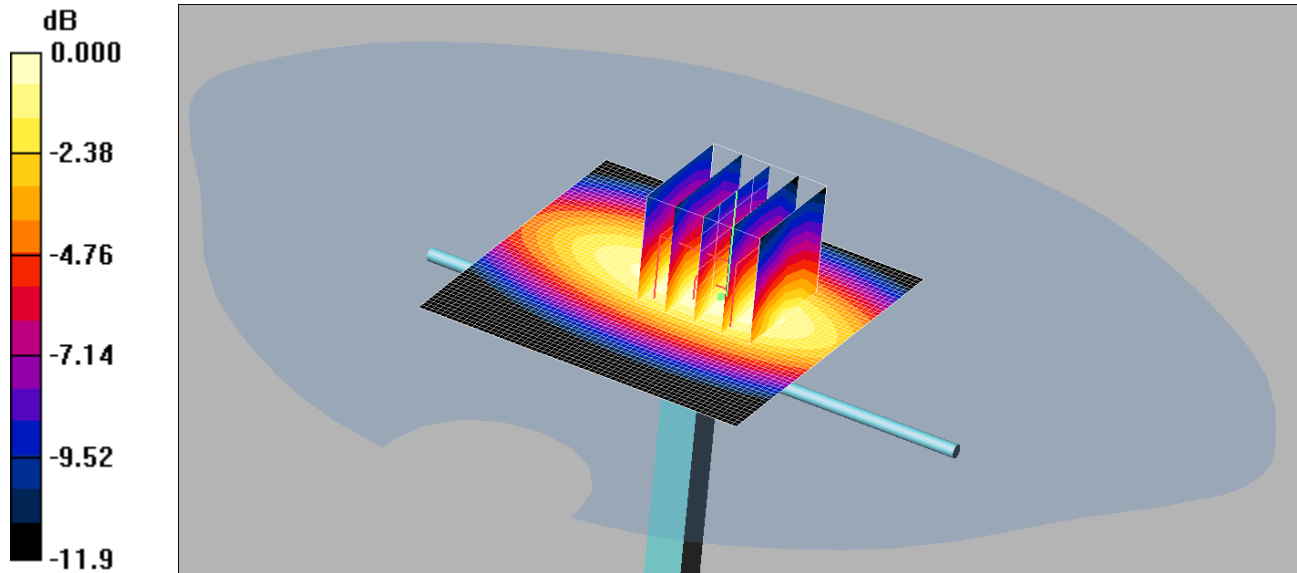
SAR(1 g) = 2.09 mW/g; SAR(10 g) = 1.39 mW/g

Maximum value of SAR (measured) = 2.25 mW/g

208: System Performance Check 900MHz Head 27 05 14

Date: 27/05/2014

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.73mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 39.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(9.65, 9.65, 9.65);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

d=15mm, Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.69 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.8 V/m; Power Drift = -1.48 dB

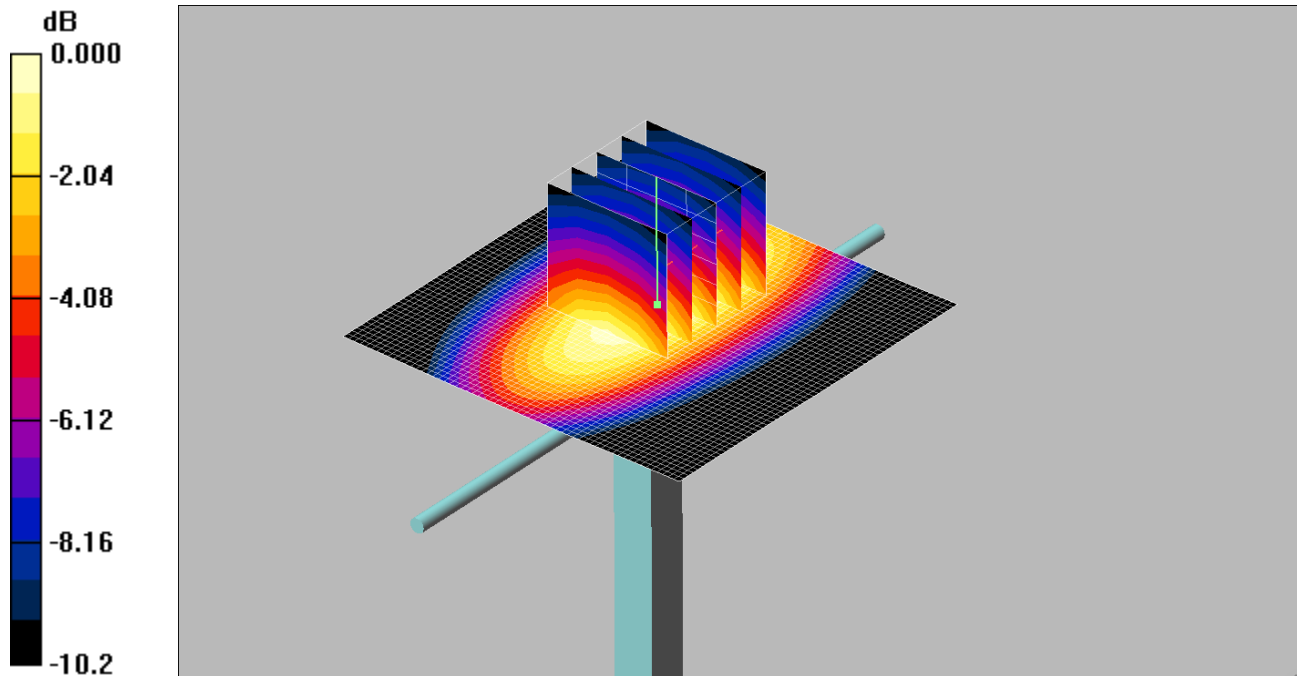
Peak SAR (extrapolated) = 3.93 W/kg

SAR(1 g) = 2.55 mW/g; SAR(10 g) = 1.63 mW/g

Maximum value of SAR (measured) = 2.73 mW/g

209: System Performance Check 900MHz Body 27 05 14

Date: 27/05/2014

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035

0 dB = 2.70mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.03 \text{ mho/m}$; $\epsilon_r = 55$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(9.85, 9.85, 9.85);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

d=15mm, Pin=250mW 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.73 mW/g

d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 51.1 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 3.64 W/kg

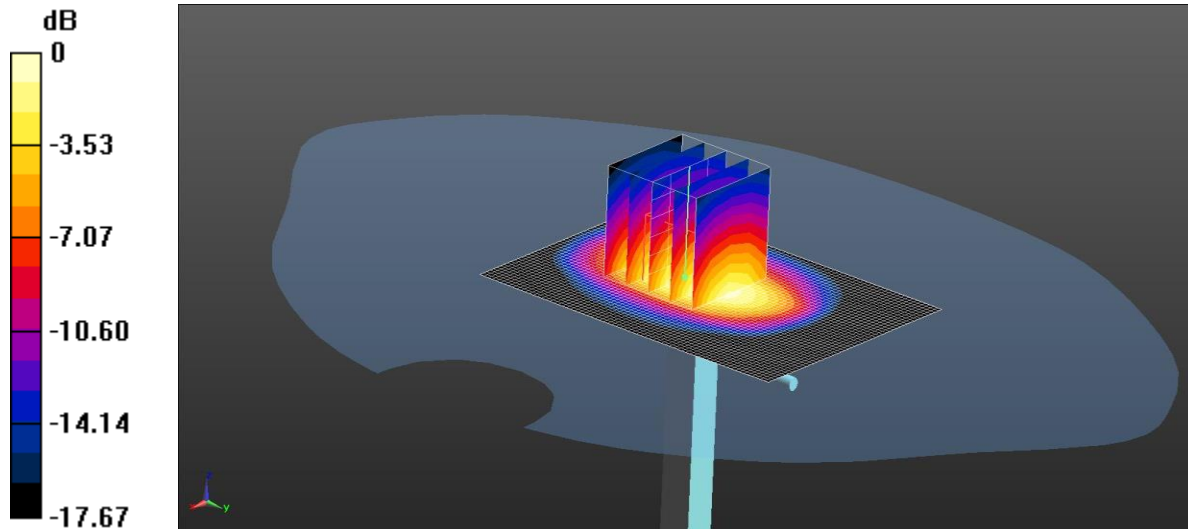
SAR(1 g) = 2.5 mW/g; SAR(10 g) = 1.65 mW/g

Maximum value of SAR (measured) = 2.70 mW/g

210: System Performance Check 1800MHz Head 27 05 14

Date: 27/05/2014

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 2d009



0 dB = 10.1 W/kg = 10.04 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used: $f = 1800$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 40.068$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.25, 5.25, 5.25); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 10/04/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.8 W/kg

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.192 V/m; Power Drift = -0.01 dB

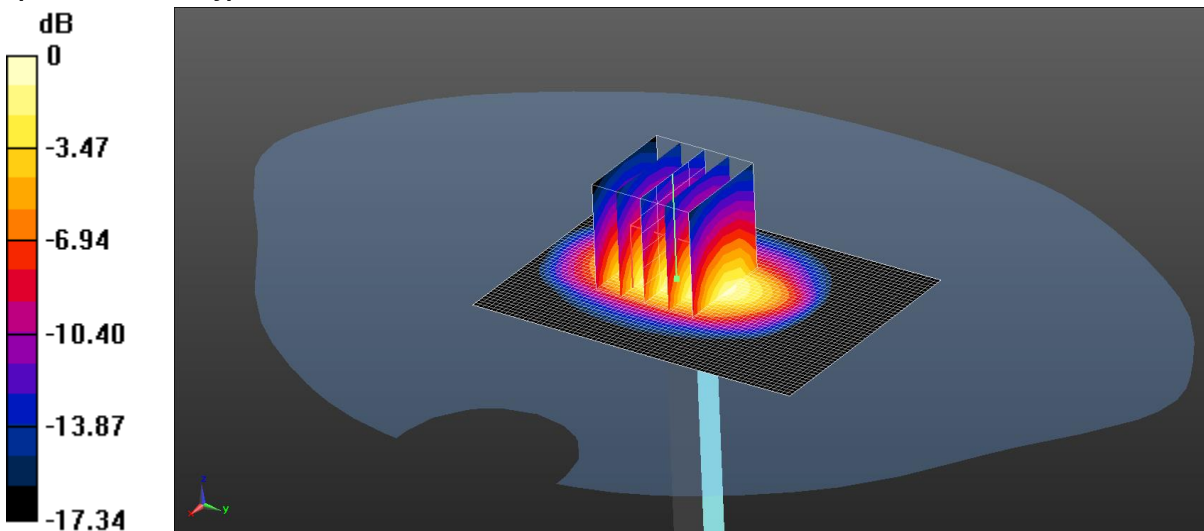
Peak SAR (extrapolated) = 15.0 W/kg

SAR(1 g) = 9.09 W/kg; SAR(10 g) = 4.88 W/kg

Maximum value of SAR (measured) = 10.1 W/kg

211: System Performance Check 1800MHz Body 27 05 14

Date: 27/05/2014

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 2d009

0 dB = 10.2 W/kg = 10.09 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used: $f = 1800$ MHz; $\sigma = 1.59$ S/m; $\epsilon_r = 51.683$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.68, 4.68, 4.68); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 10/04/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2 2 2 2 2 2 2/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.8 W/kg

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2 2 2 2 2 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.580 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 14.9 W/kg

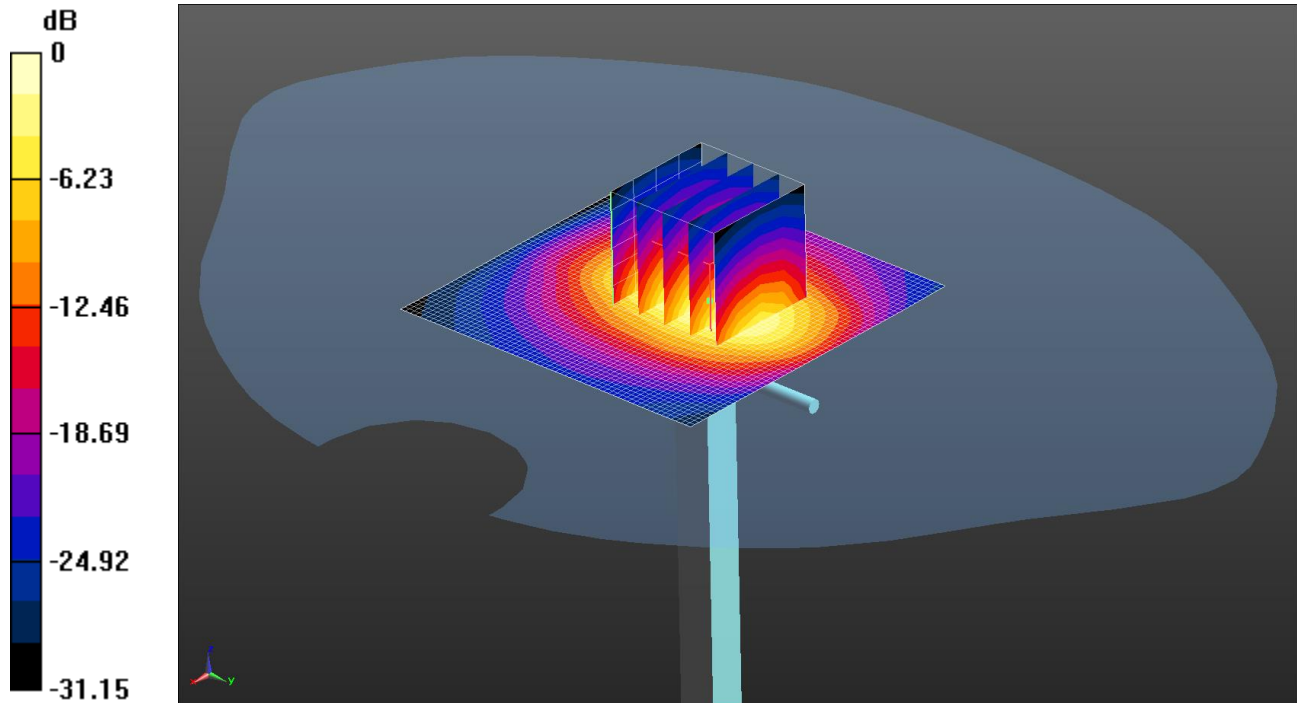
SAR(1 g) = 9.13 W/kg; SAR(10 g) = 4.94 W/kg

Maximum value of SAR (measured) = 10.2 W/kg

212: System Performance Check 1900MHz Head 27 05 14

Date: 27/5/14

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537



0 dB = 12.3 W/kg = 10.91 dBW/kg

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.463$ S/m; $\epsilon_r = 40.915$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.12, 5.12, 5.12); Calibrated: 2/9/13;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/8/13
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1192
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.3 W/kg

Configuration/d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.80 V/m; Power Drift = -0.04 dB

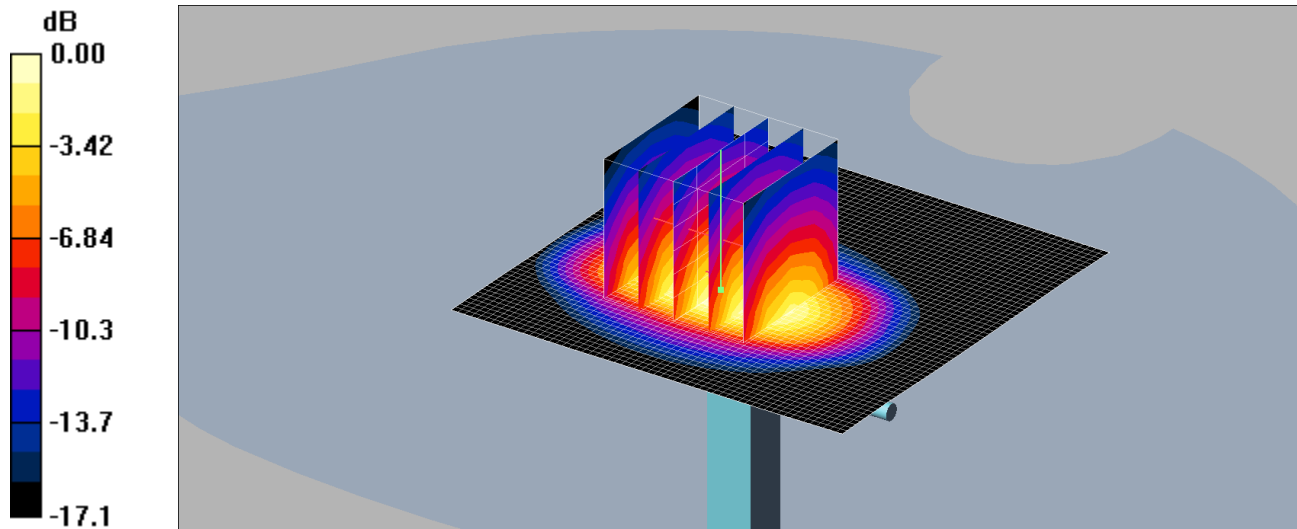
Peak SAR (extrapolated) = 18.3 W/kg

SAR(1 g) = 9.76 W/kg; SAR(10 g) = 4.99 W/kg

Maximum value of SAR (measured) = 11.0 W/kg

213: System Performance Check 1900MHz Body 27 05 14

Date: 27/05/2014

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537

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

Medium: 1900 MHz MSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 28/08/2013

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=250mW 2 2 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 13.2 mW/g

d=10mm, Pin=250mW 2 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.7 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 17.6 W/kg

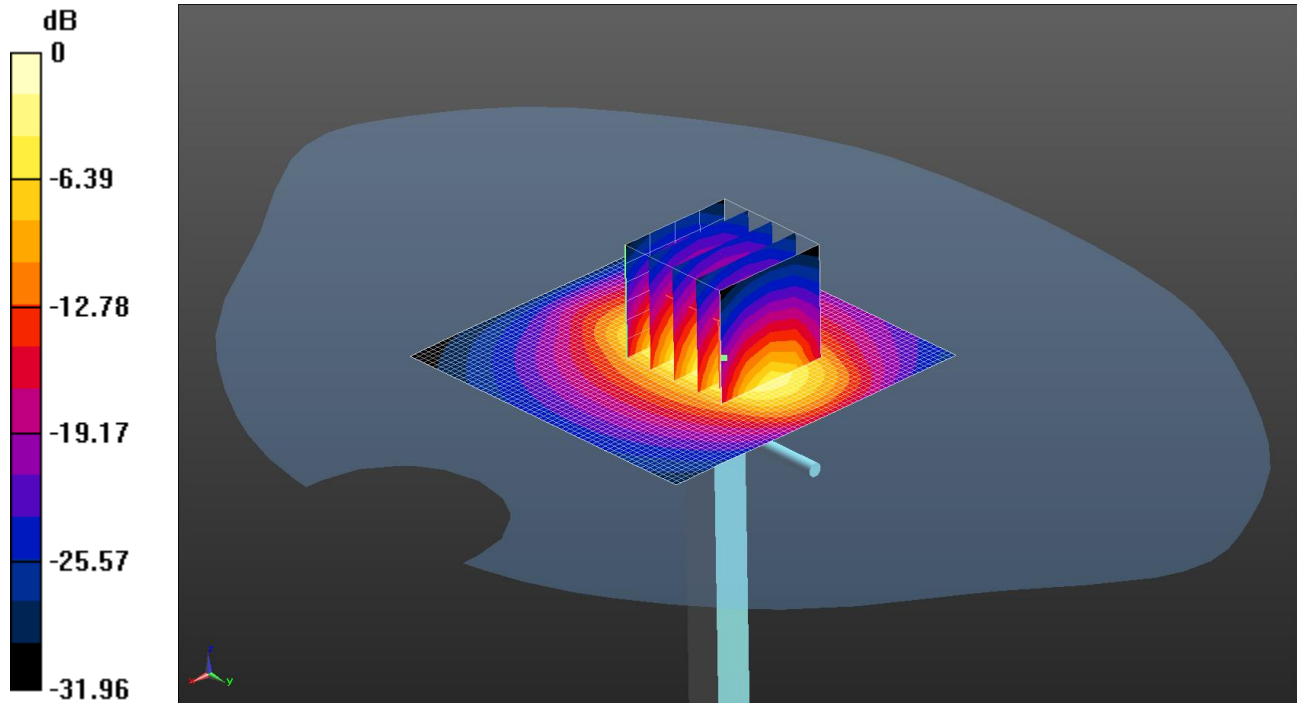
SAR(1 g) = 9.97 mW/g; SAR(10 g) = 5.24 mW/g

Maximum value of SAR (measured) = 11.2 mW/g

214: System Performance Check 1900MHz Body 29 05 14

Date: 29/5/14

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537



0 dB = 13.9 W/kg = 11.44 dBW/kg

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.564$ S/m; $\epsilon_r = 53.306$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67); Calibrated: 2/9/13;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/8/13
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1805
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=250mW 2 2 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.9 W/kg

Configuration/d=10mm, Pin=250mW 2 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.77 V/m; Power Drift = -0.01 dB

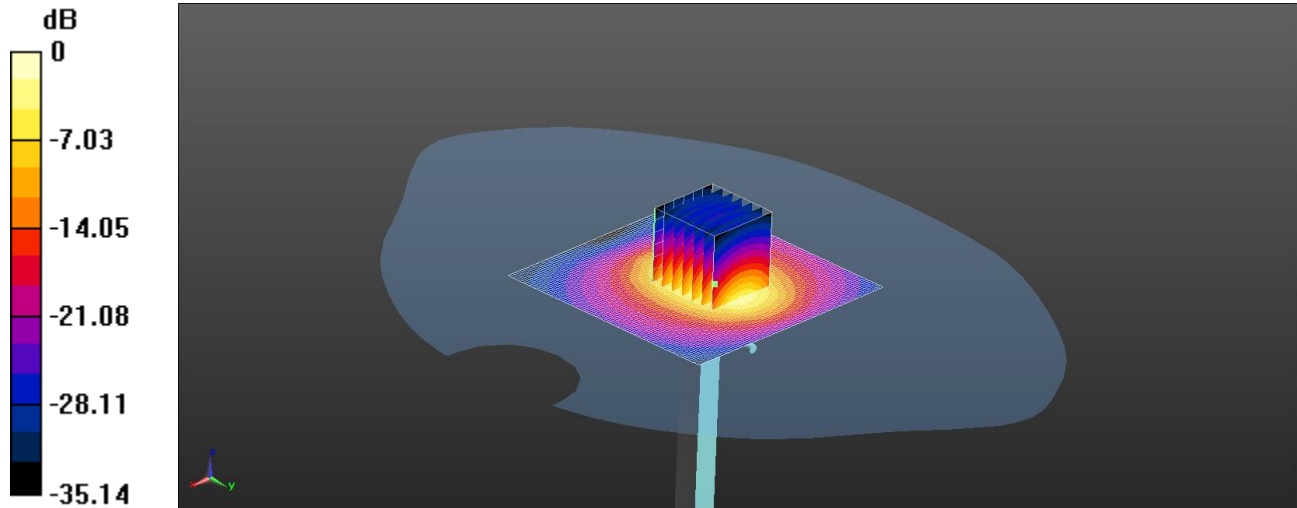
Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.48 W/kg

Maximum value of SAR (measured) = 11.6 W/kg

215: System Performance Check 2450MHz Head 30 05 14

Date: 30-05-14

DUT: Dipole 2450 MHz; Type: D2440V2; Serial: D2440V2 - SN:701

0 dB = 15.1 W/kg = 11.78 dBW/kg

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450MHz HSL Medium parameters used: $f = 2450$ MHz; $\sigma = 1.822$ S/m; $\epsilon_r = 38.057$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.55, 4.55, 4.55); Calibrated: 08-01-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18-11-13
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/d=10mm, Pin=250mW 4/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 15.1 W/kg

Configuration/d=10mm, Pin=250mW 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 89.111 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 27.5 W/kg

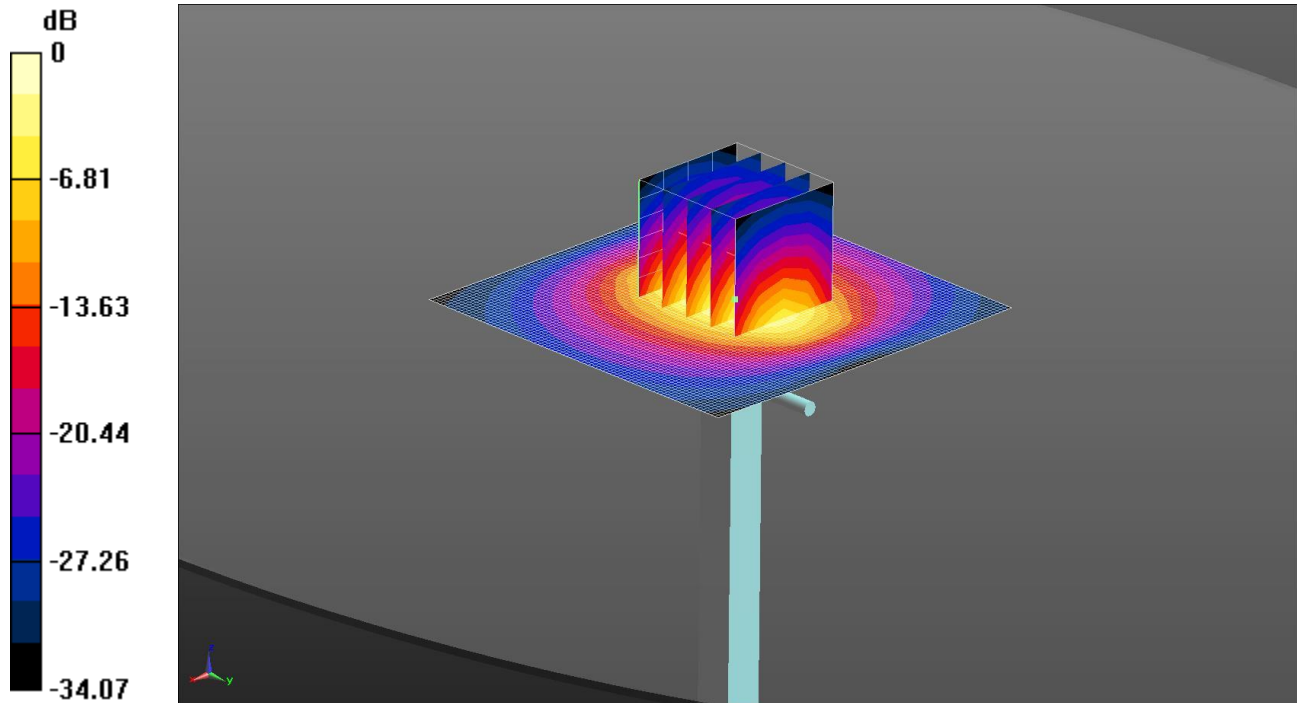
SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.88 W/kg

Maximum value of SAR (measured) = 14.5 W/kg

216: System Performance Check 2450MHz Body 02 06 2014

Date: 2/6/14

DUT: Dipole 2450 MHz; Type: D2440V2; Serial: D2440V2 - SN:701



0 dB = 14.9 W/kg = 11.74 dBW/kg

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450MHz MSL Medium parameters used: $f = 2450$ MHz; $\sigma = 1.994$ S/m; $\epsilon_r = 52.785$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.42, 4.42, 4.42); Calibrated: 8/1/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=250mW 4 2/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 14.9 W/kg

Configuration/d=10mm, Pin=250mW 4 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.20 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 27.1 W/kg

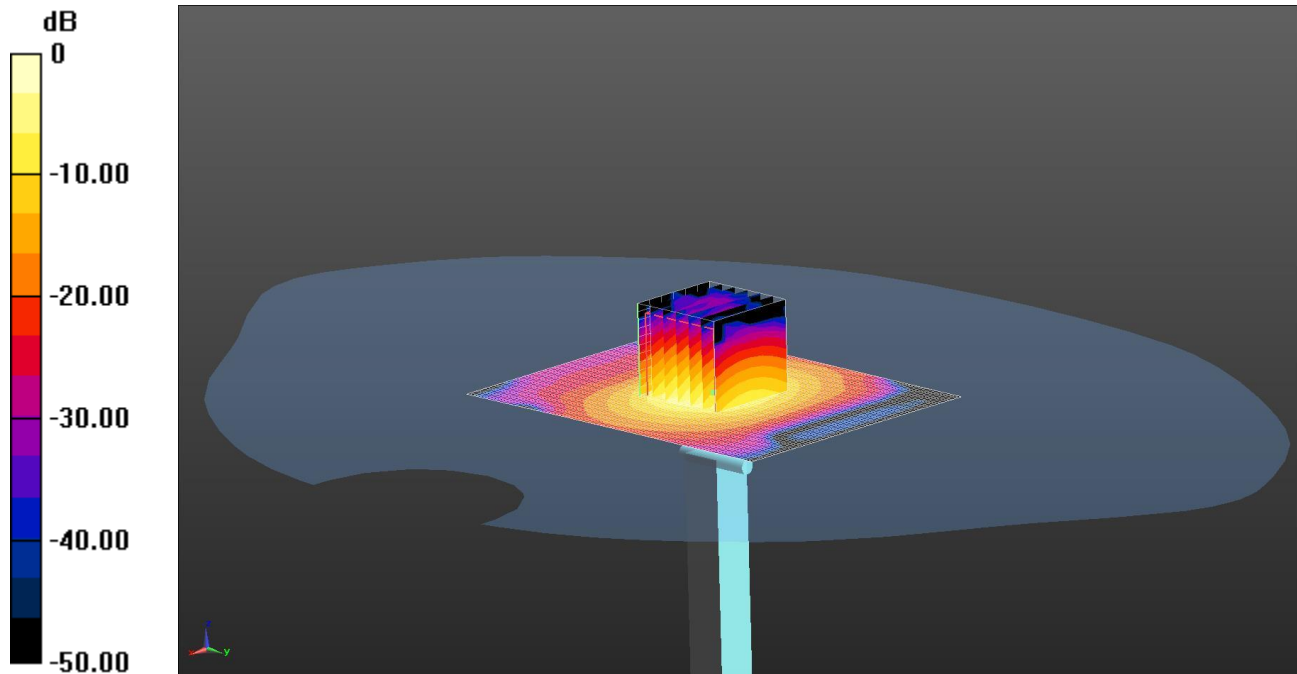
SAR(1 g) = 13 W/kg; SAR(10 g) = 6.02 W/kg

Maximum value of SAR (measured) = 14.9 W/kg

217: System Performance Check 5200 MHz Head 02 06 14

Date: 2/6/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 15.8 W/kg = 11.99 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used: $f = 5200$ MHz; $\sigma = 4.546$ S/m; $\epsilon_r = 35.337$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.4 W/kg

Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 44.25 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 30.4 W/kg

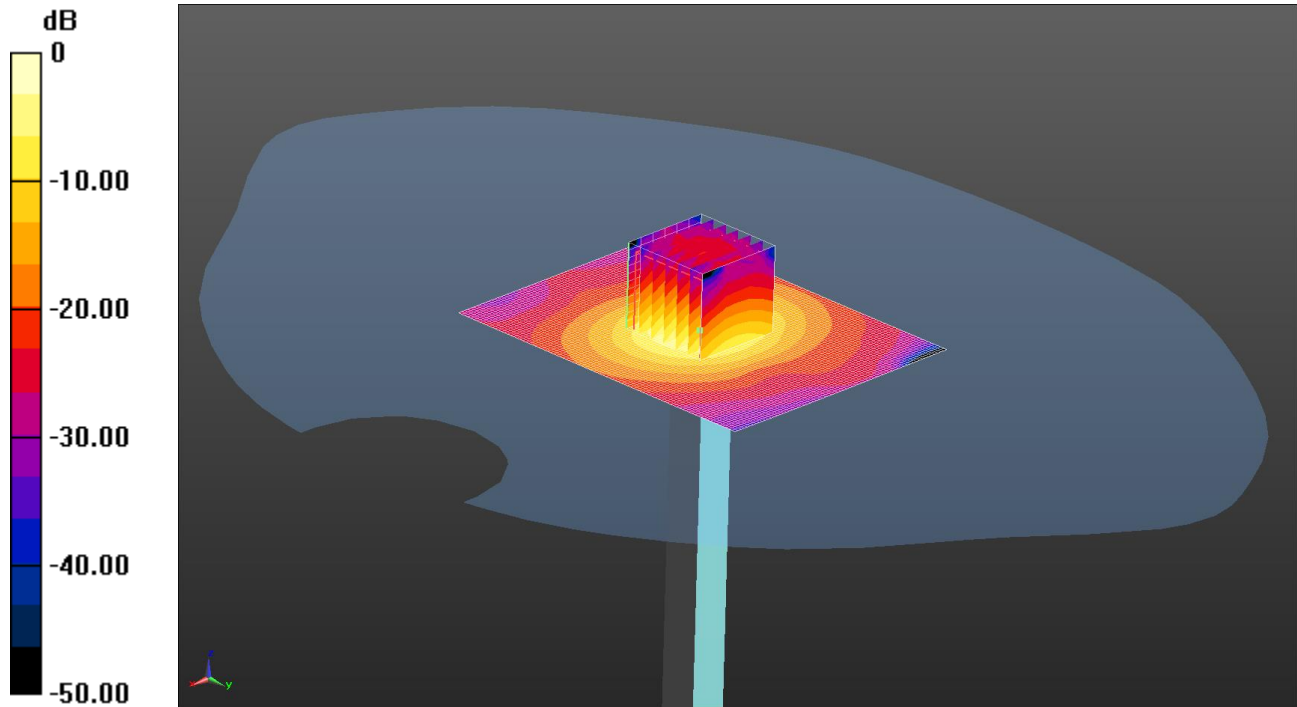
SAR(1 g) = 7.65 W/kg; SAR(10 g) = 2.21 W/kg

Maximum value of SAR (measured) = 15.8 W/kg

218: System Performance Check 5200 MHz Head 08 07 14

Date: 8/7/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 15.9 W/kg = 12.01 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used: $f = 5200$ MHz; $\sigma = 4.738$ S/m; $\epsilon_r = 35.229$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.4 W/kg

Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 43.88 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 30.7 W/kg

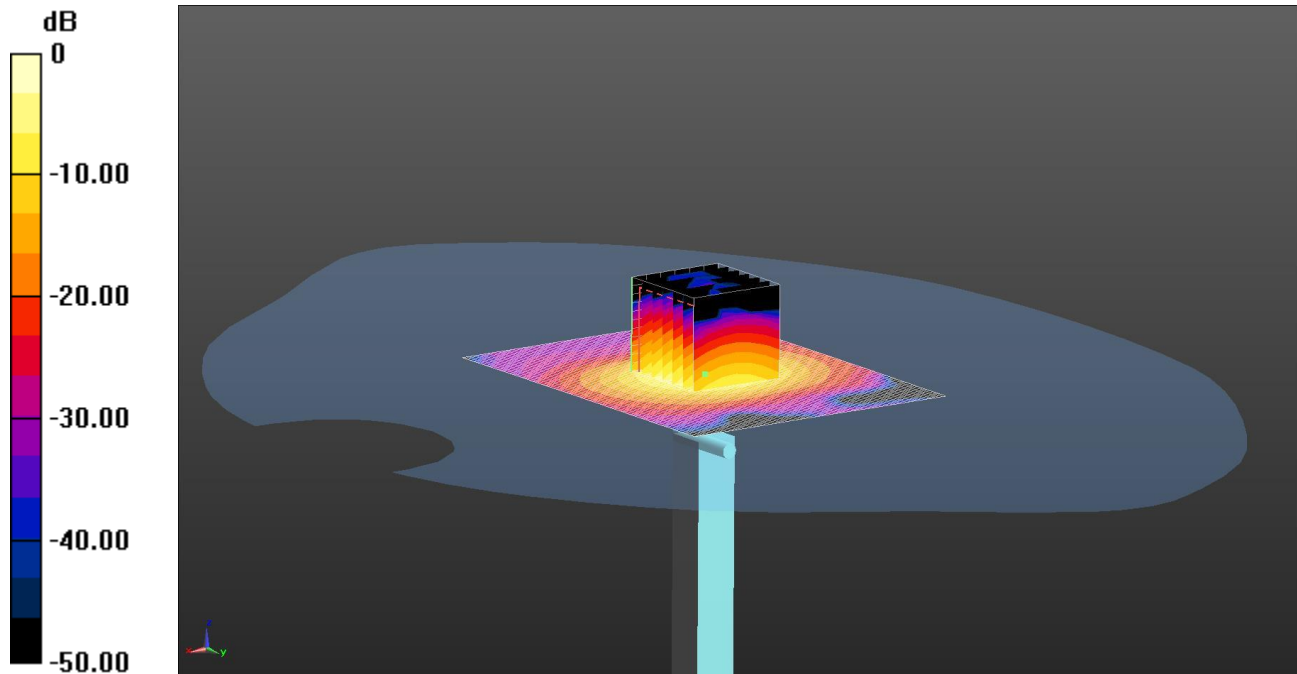
SAR(1 g) = 7.65 W/kg; SAR(10 g) = 2.2 W/kg

Maximum value of SAR (measured) = 15.9 W/kg

219: System Performance Check 5500 MHz Head 02 06 14

Date: 2/6/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 17.7 W/kg = 12.48 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used: $f = 5500$ MHz; $\sigma = 4.834$ S/m; $\epsilon_r = 35.012$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.76, 4.76, 4.76); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Configuration/d=10mm, Pin=100mW 2 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 44.09 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 35.5 W/kg

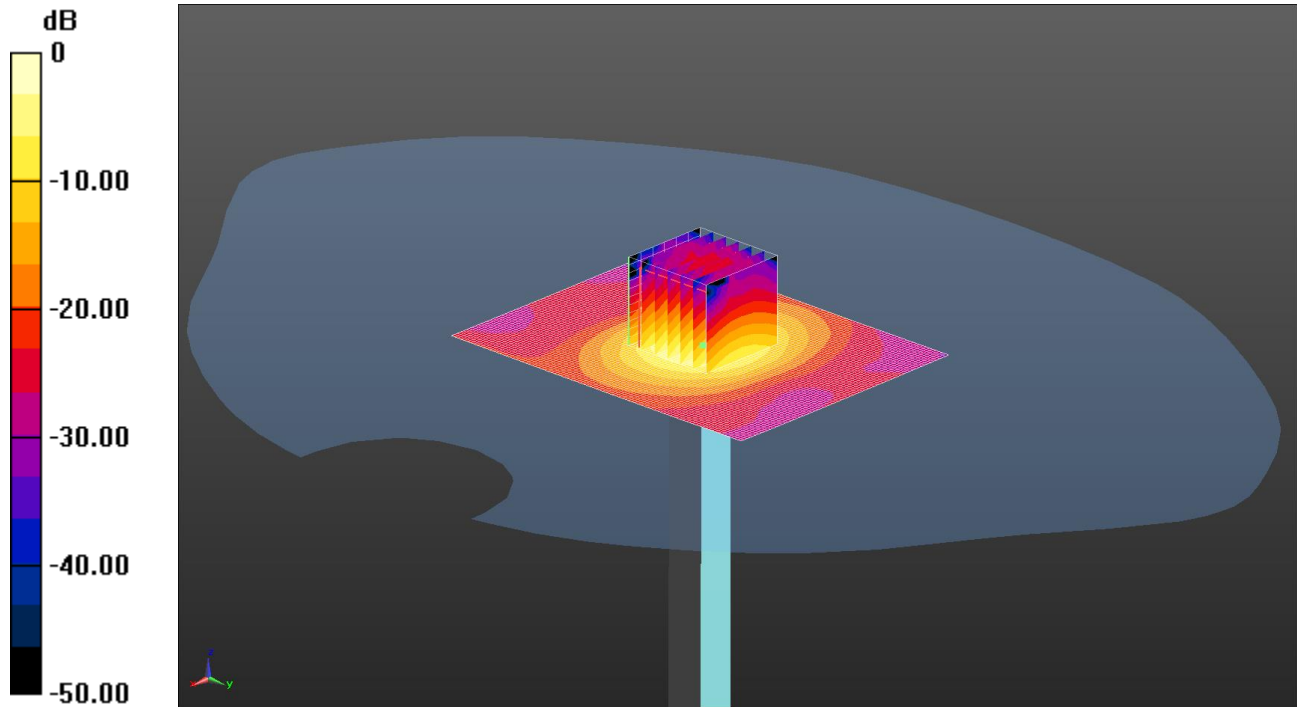
SAR(1 g) = 8.42 W/kg; SAR(10 g) = 2.39 W/kg

Maximum value of SAR (measured) = 17.7 W/kg

220: System Performance Check 5500 MHz Head 08 07 14

Date: 8/7/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 17.6 W/kg = 12.46 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.075$ S/m; $\epsilon_r = 34.824$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.76, 4.76, 4.76); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 19.0 W/kg

Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 43.84 V/m; Power Drift = -0.14 dB

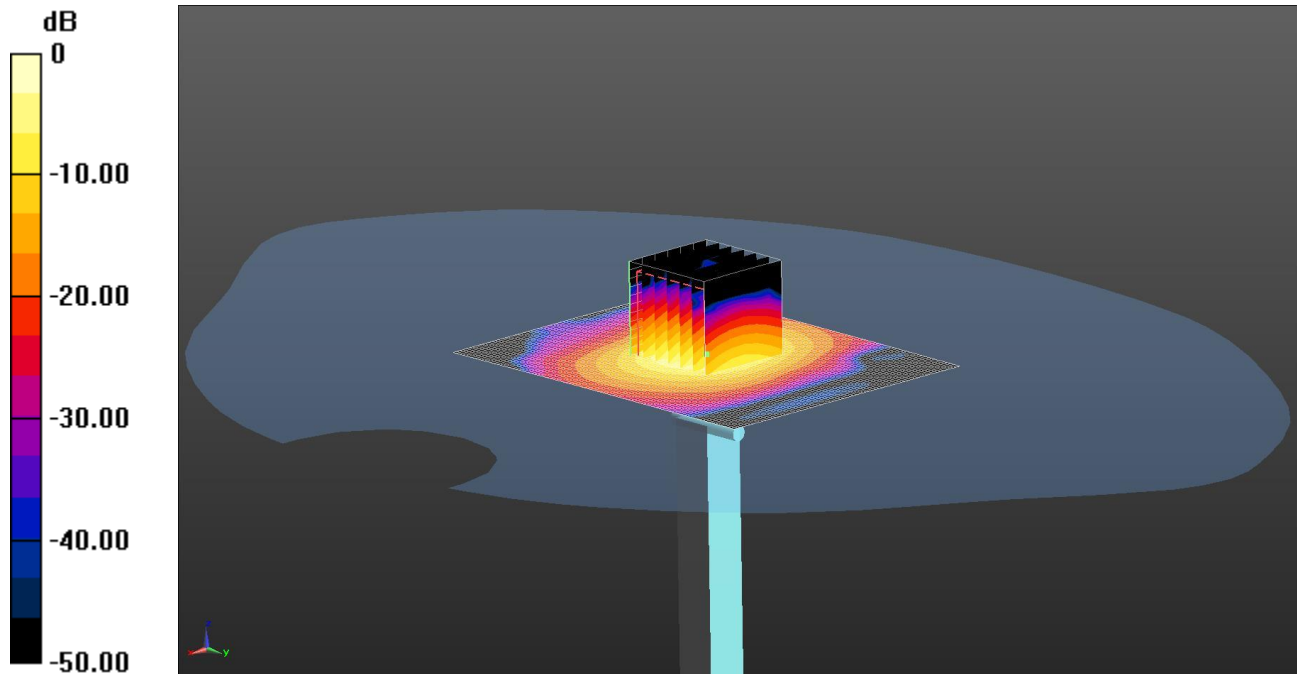
Peak SAR (extrapolated) = 35.8 W/kg

SAR(1 g) = 8.31 W/kg; SAR(10 g) = 2.36 W/kg

Maximum value of SAR (measured) = 17.6 W/kg

221: System Performance Check 5800 MHz Head 02 06 14

Date: 2/6/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

0 dB = 16.4 W/kg = 12.15 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used: $f = 5800$ MHz; $\sigma = 5.123$ S/m; $\epsilon_r = 34.64$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.59, 4.59, 4.59); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2 2 2 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 16.6 W/kg

Configuration/d=10mm, Pin=100mW 2 2 2 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 39.42 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 34.4 W/kg

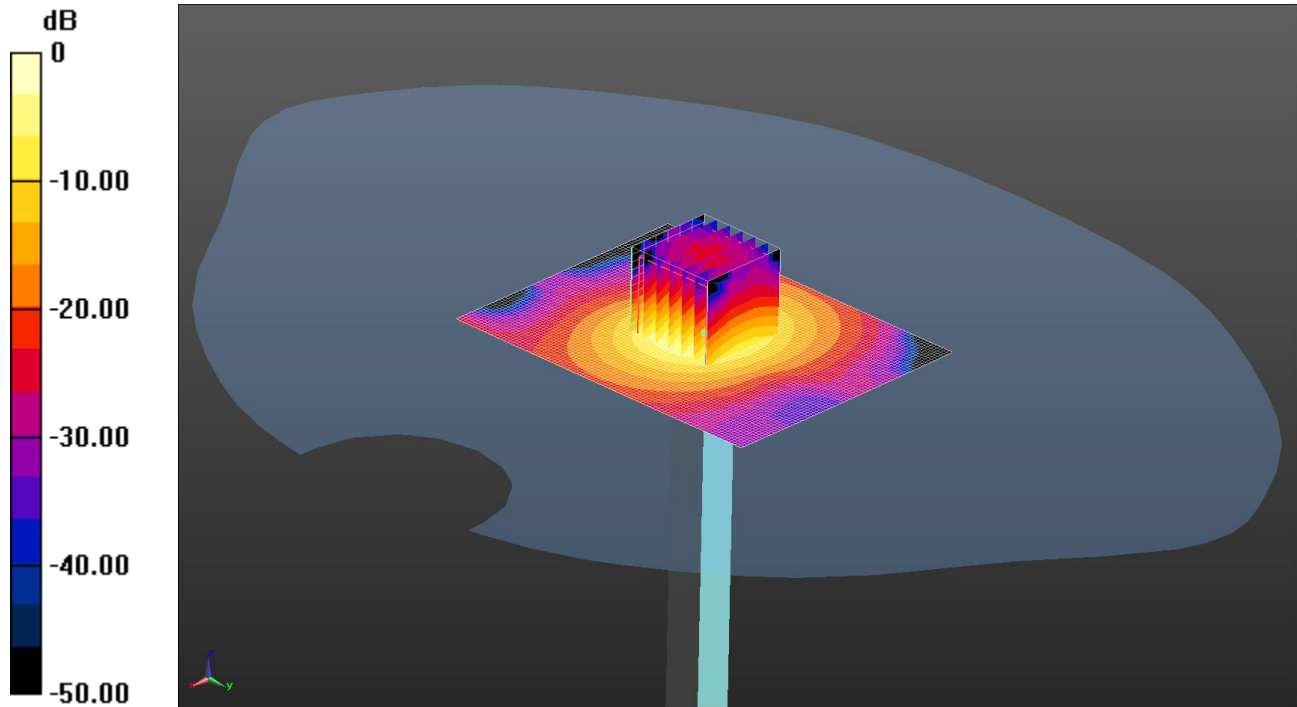
SAR(1 g) = 7.72 W/kg; SAR(10 g) = 2.2 W/kg

Maximum value of SAR (measured) = 16.4 W/kg

222: System Performance Check 5800 MHz Head 08 07 14

Date: 8/7/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 16.7 W/kg = 12.23 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used: $f = 5800$ MHz; $\sigma = 5.425$ S/m; $\epsilon_r = 34.369$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.59, 4.59, 4.59); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.5 W/kg

Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 40.34 V/m; Power Drift = -0.13 dB

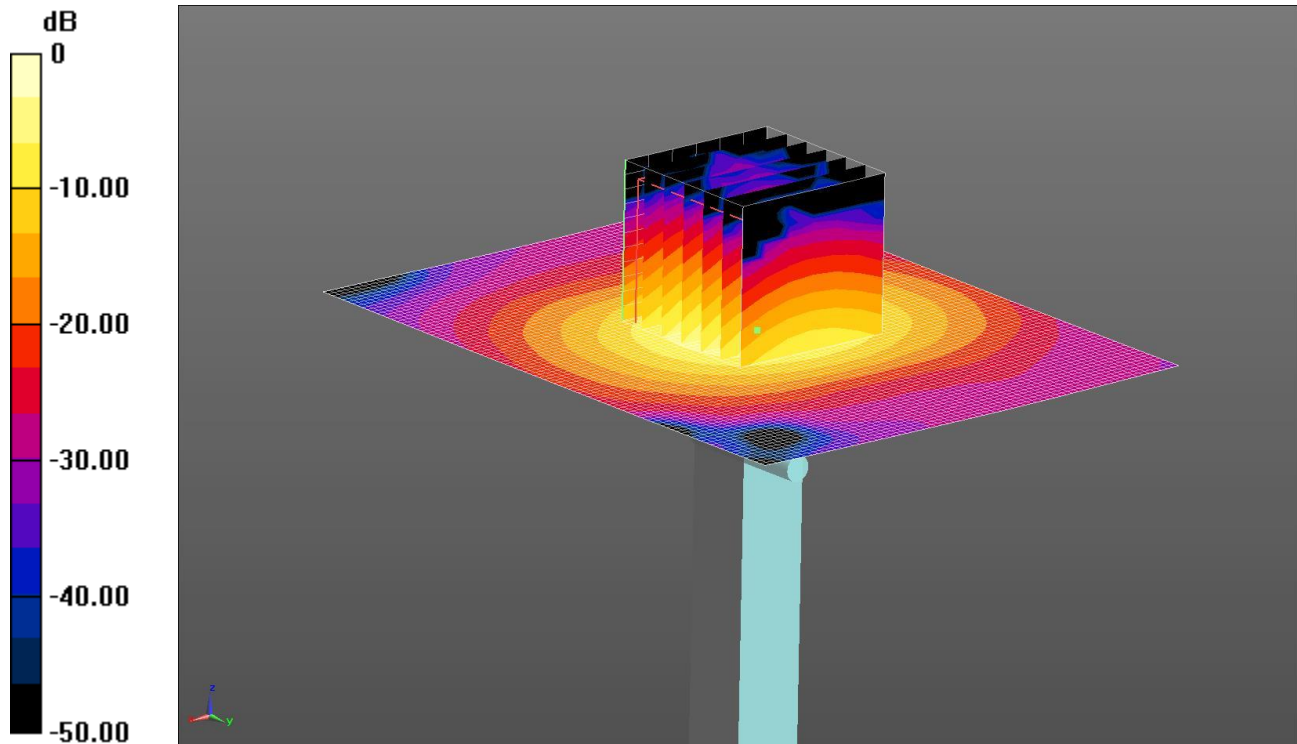
Peak SAR (extrapolated) = 35.6 W/kg

SAR(1 g) = 7.94 W/kg; SAR(10 g) = 2.27 W/kg

Maximum value of SAR (measured) = 16.7 W/kg

223: System Performance Check 5200 MHz Body 05 06 14

Date: 5/6/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

0 dB = 14.7 W/kg = 11.67 dBW/kg

Communication System: UID 0, CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5200$ MHz; $\sigma = 5.336$ S/m; $\epsilon_r = 49.253$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 14.8 W/kg

Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 39.19 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 28.9 W/kg

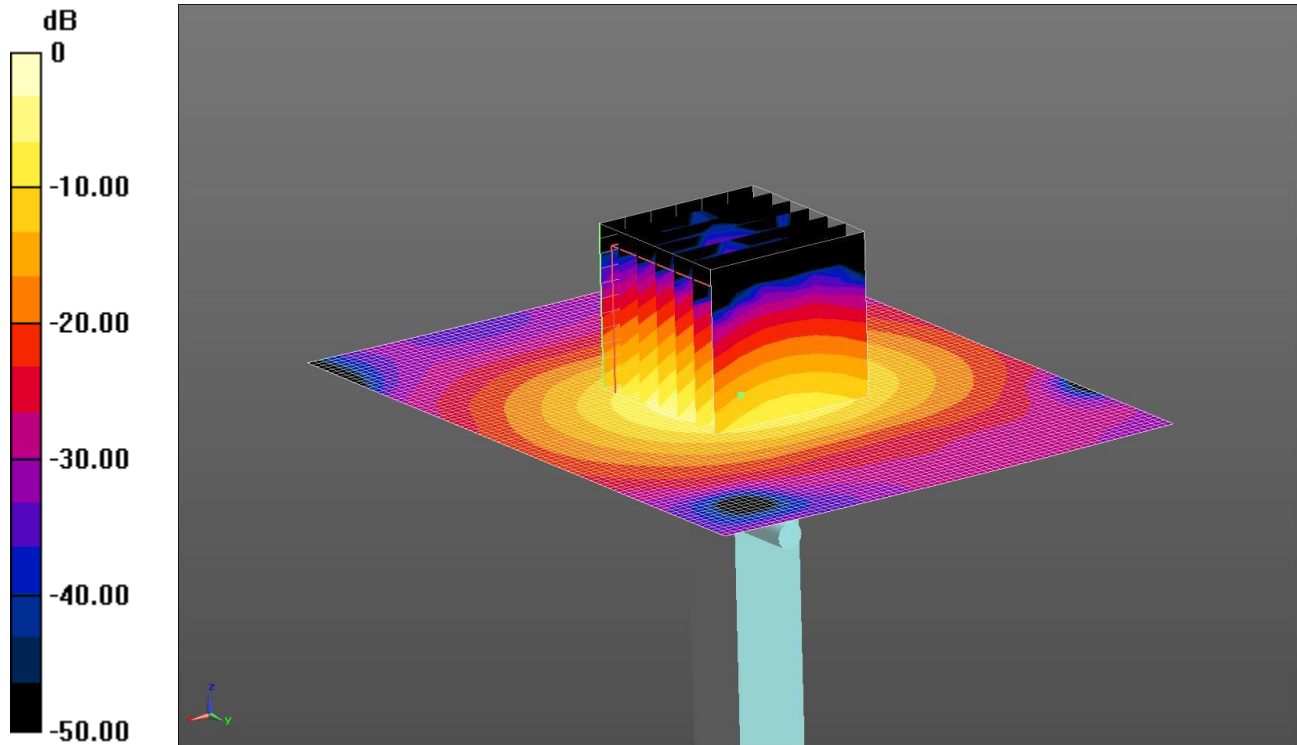
SAR(1 g) = 7.03 W/kg; SAR(10 g) = 1.99 W/kg

Maximum value of SAR (measured) = 14.7 W/kg

224: System Performance Check 5200 MHz Body 09 06 14

Date: 9/6/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 15.0 W/kg = 11.76 dBW/kg

Communication System: UID 0, CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5200$ MHz; $\sigma = 5.15$ S/m; $\epsilon_r = 48.113$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.0 W/kg

Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 40.34 V/m; Power Drift = 0.29 dB

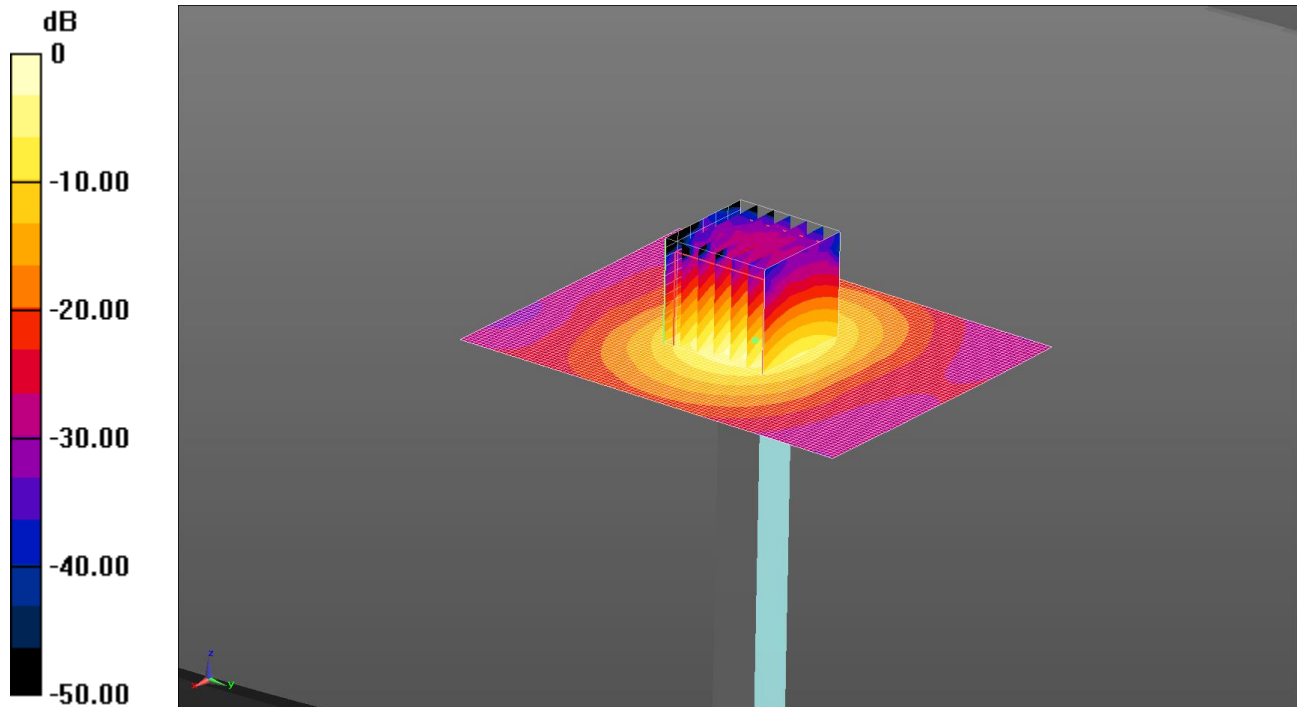
Peak SAR (extrapolated) = 29.0 W/kg

SAR(1 g) = 7.22 W/kg; SAR(10 g) = 2.03 W/kg

Maximum value of SAR (measured) = 15.0 W/kg

225: System Performance Check 5200 MHz Body 08 07 14

Date: 8/7/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

0 dB = 14.5 W/kg = 11.61 dBW/kg

Communication System: UID 0, CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5200$ MHz; $\sigma = 5.299$ S/m; $\epsilon_r = 48.441$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 15.8 W/kg

Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 41.07 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 28.0 W/kg

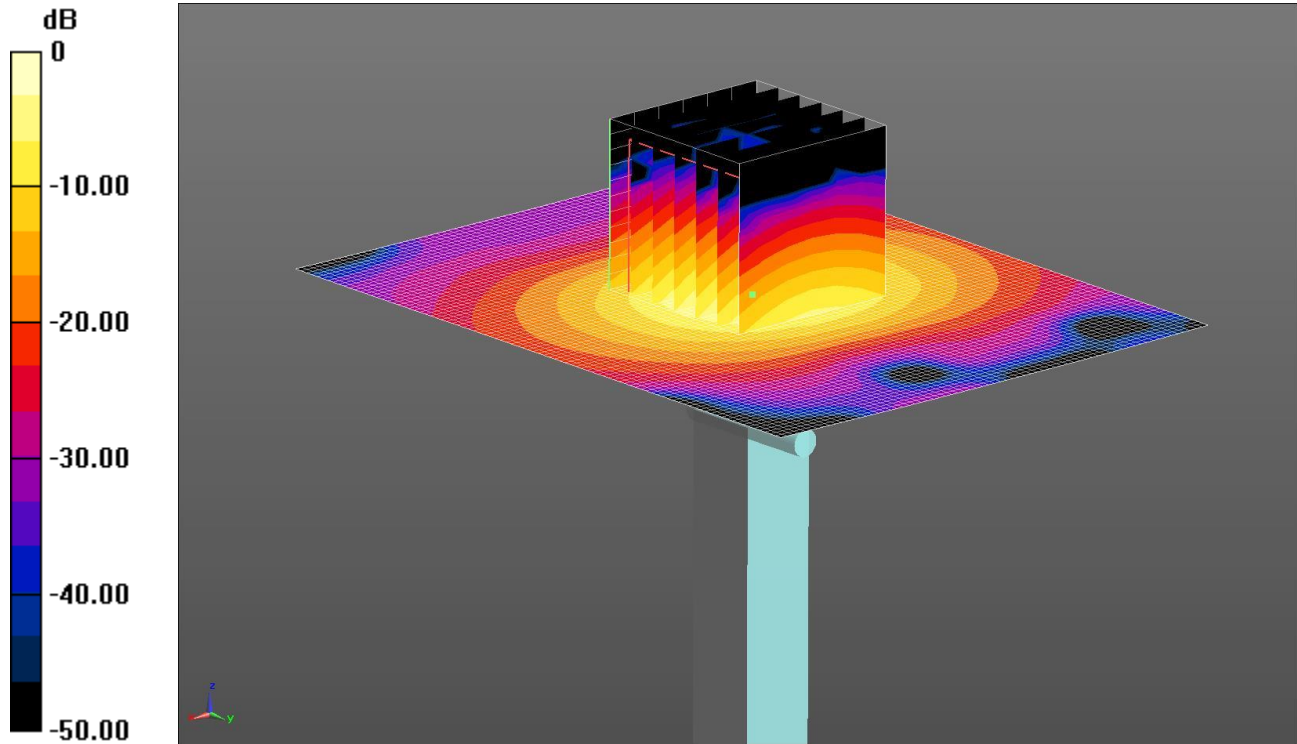
SAR(1 g) = 7.15 W/kg; SAR(10 g) = 2.05 W/kg

Maximum value of SAR (measured) = 14.5 W/kg

226: System Performance Check 5500 MHz Body 05 06 14

Date: 5/6/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 15.9 W/kg = 12.01 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.749$ S/m; $\epsilon_r = 48.417$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 15.7 W/kg

Configuration/d=10mm, Pin=100mW 2/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 38.76 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 31.1 W/kg

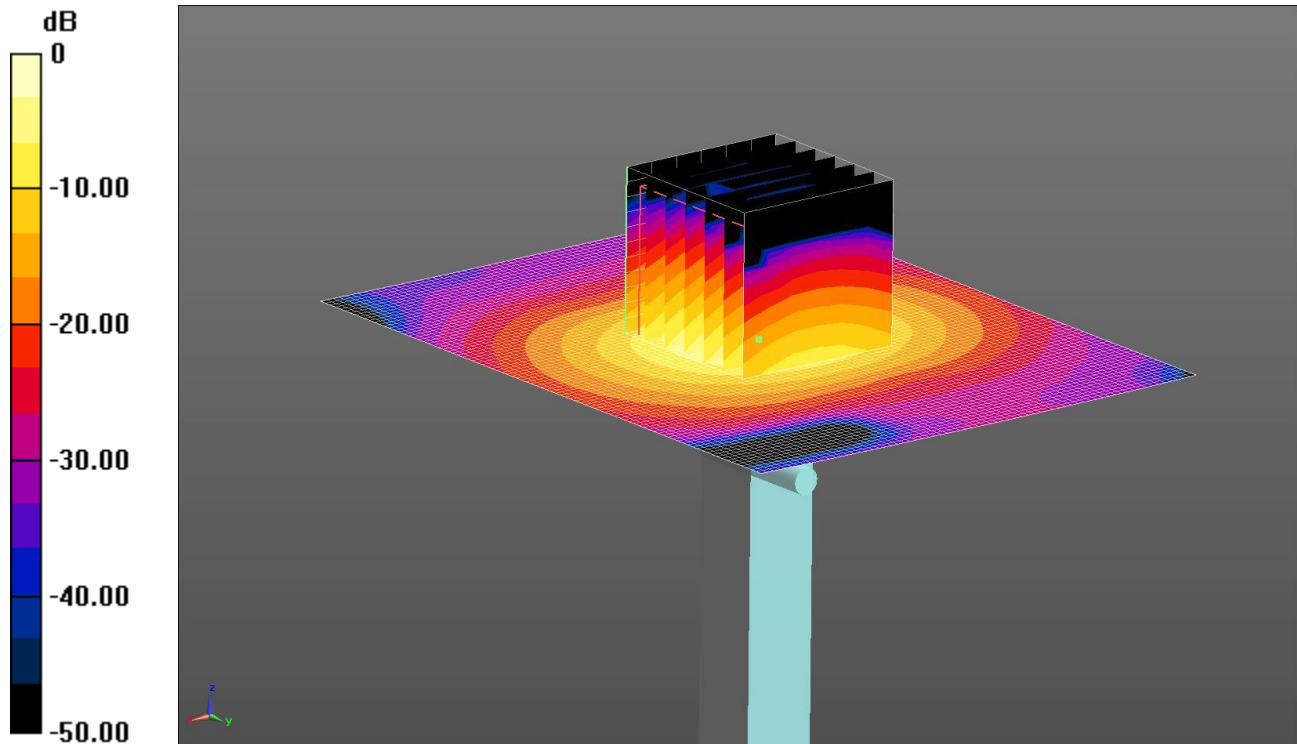
SAR(1 g) = 7.57 W/kg; SAR(10 g) = 2.11 W/kg

Maximum value of SAR (measured) = 15.9 W/kg

227: System Performance Check 5500 MHz Body 09 06 14

Date: 9/6/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 17.0 W/kg = 12.30 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.592$ S/m; $\epsilon_r = 47.09$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.8 W/kg

Configuration/d=10mm, Pin=100mW 2/Zoom Scan (7x7x12) 2 2 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 42.41 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 30.4 W/kg

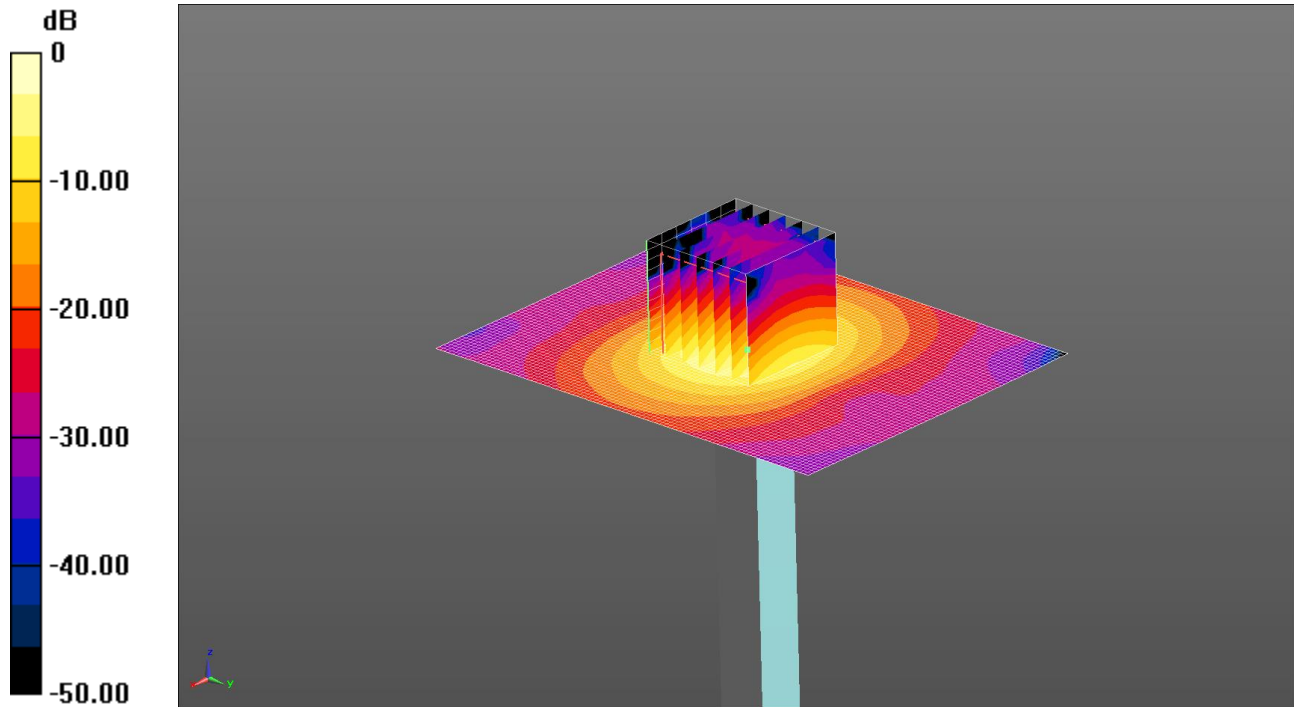
SAR(1 g) = 8.1 W/kg; SAR(10 g) = 2.28 W/kg

Maximum value of SAR (measured) = 17.0 W/kg

228: System Performance Check 5500 MHz Body 08 07 14

Date: 8/7/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 16.6 W/kg = 12.20 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.78$ S/m; $\epsilon_r = 47.877$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Configuration/d=10mm, Pin=100mW 2/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 40.85 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 31.8 W/kg

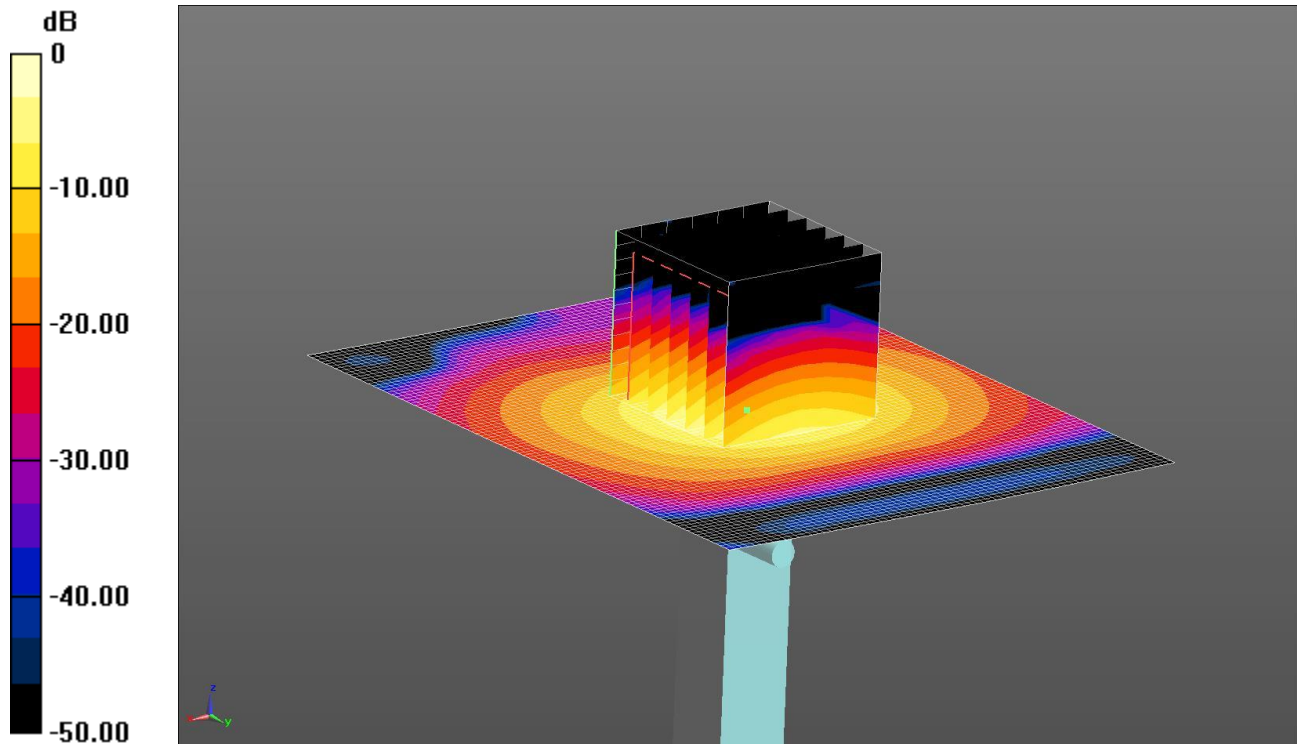
SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.22 W/kg

Maximum value of SAR (measured) = 16.6 W/kg

229: System Performance Check 5800 MHz Body 05 06 14

Date: 5/6/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 15.2 W/kg = 11.82 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5800$ MHz; $\sigma = 6.212$ S/m; $\epsilon_r = 47.68$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2 2 /Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.5 W/kg

Configuration/d=10mm, Pin=100mW 2 2 /Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 36.73 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 31.2 W/kg

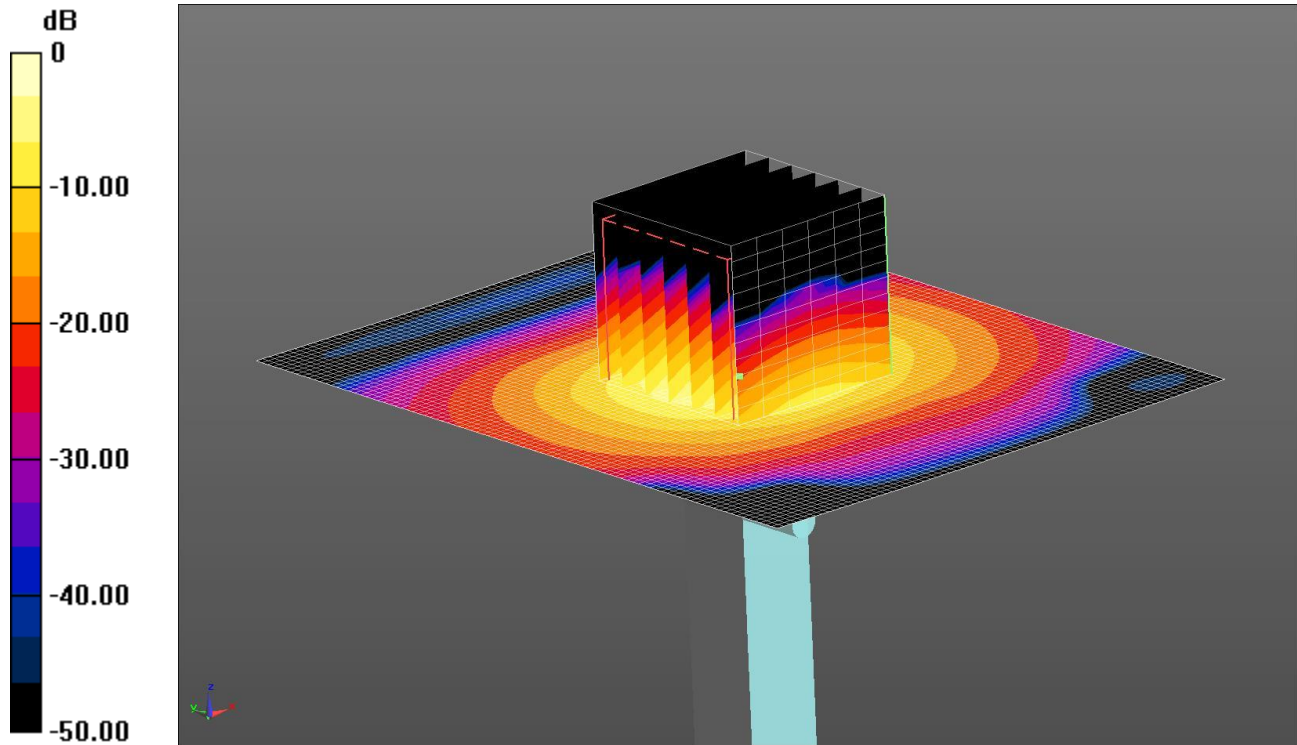
SAR(1 g) = 7.12 W/kg; SAR(10 g) = 1.98 W/kg

Maximum value of SAR (measured) = 15.2 W/kg

230: System Performance Check 5800 MHz Body 09 06 14

Date: 9/6/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 15.5 W/kg = 11.90 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5800$ MHz; $\sigma = 6.023$ S/m; $\epsilon_r = 46.361$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2 2 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.2 W/kg

Configuration/d=10mm, Pin=100mW 2 2 2 2/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 37.35 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 31.4 W/kg

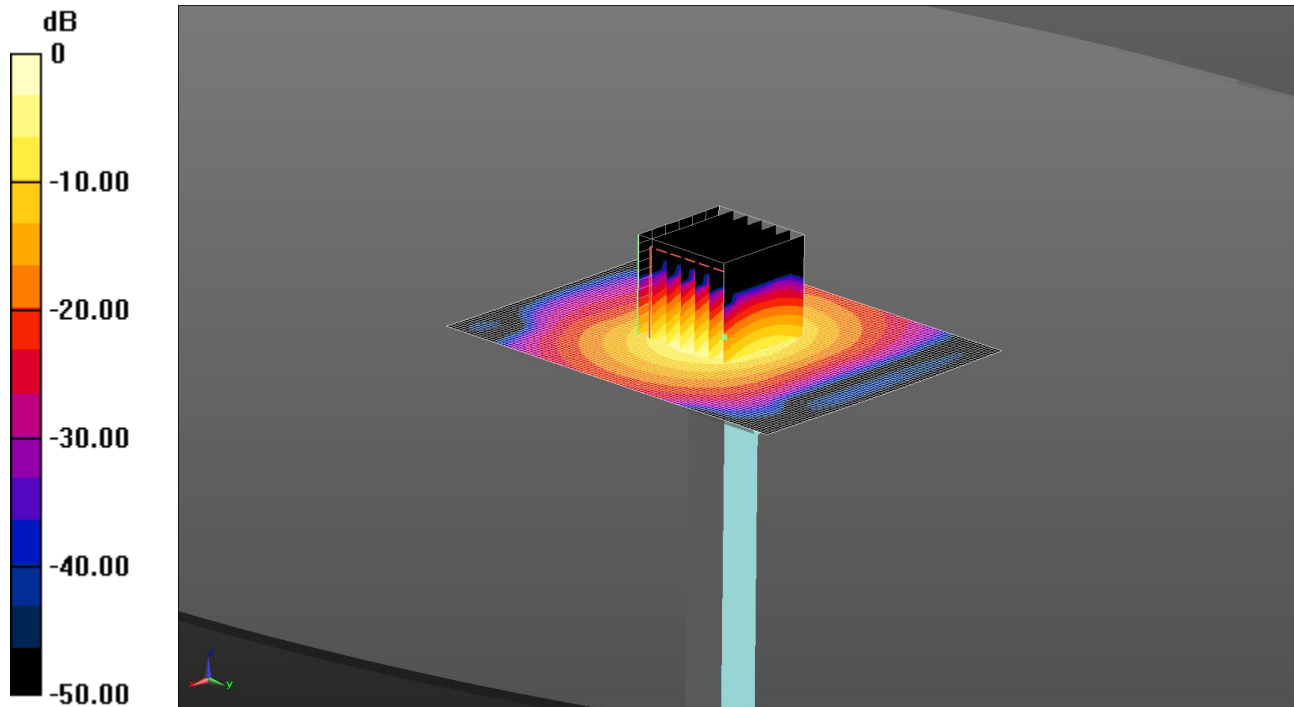
SAR(1 g) = 7.16 W/kg; SAR(10 g) = 1.97 W/kg

Maximum value of SAR (measured) = 15.5 W/kg

231: System Performance Check 5800 MHz Body 08 07 14

Date: 8/7/2014

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 16.2 W/kg = 12.10 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5800$ MHz; $\sigma = 6.299$ S/m; $\epsilon_r = 47.202$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2 2 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.9 W/kg

Configuration/d=10mm, Pin=100mW 2 2 2 2/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 37.35 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 32.9 W/kg

SAR(1 g) = 7.49 W/kg; SAR(10 g) = 2.06 W/kg

Maximum value of SAR (measured) = 16.2 W/kg