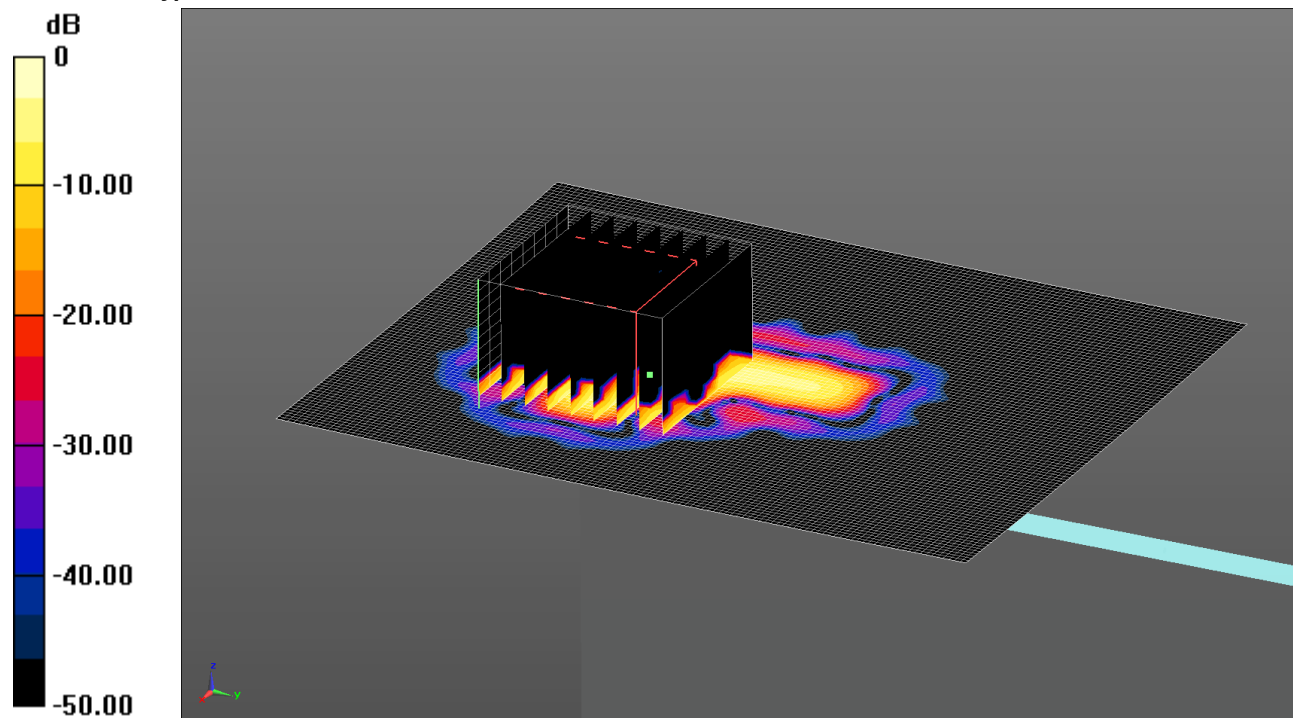


215: Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1&2 13.5Mbps MIMO CH46

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



Communication System: UID 0, WLAN 802.11 (0); Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5230$ MHz; $\sigma = 5.334$ S/m; $\epsilon_r = 47.763$; $\rho = 1000$ 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 of EUT Facing Phantom- Middle 2/Area Scan (101x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0529 W/kg

Configuration/Left of EUT Facing Phantom- Middle 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x9x12)/Cube 0:Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.65 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.019 W/kg

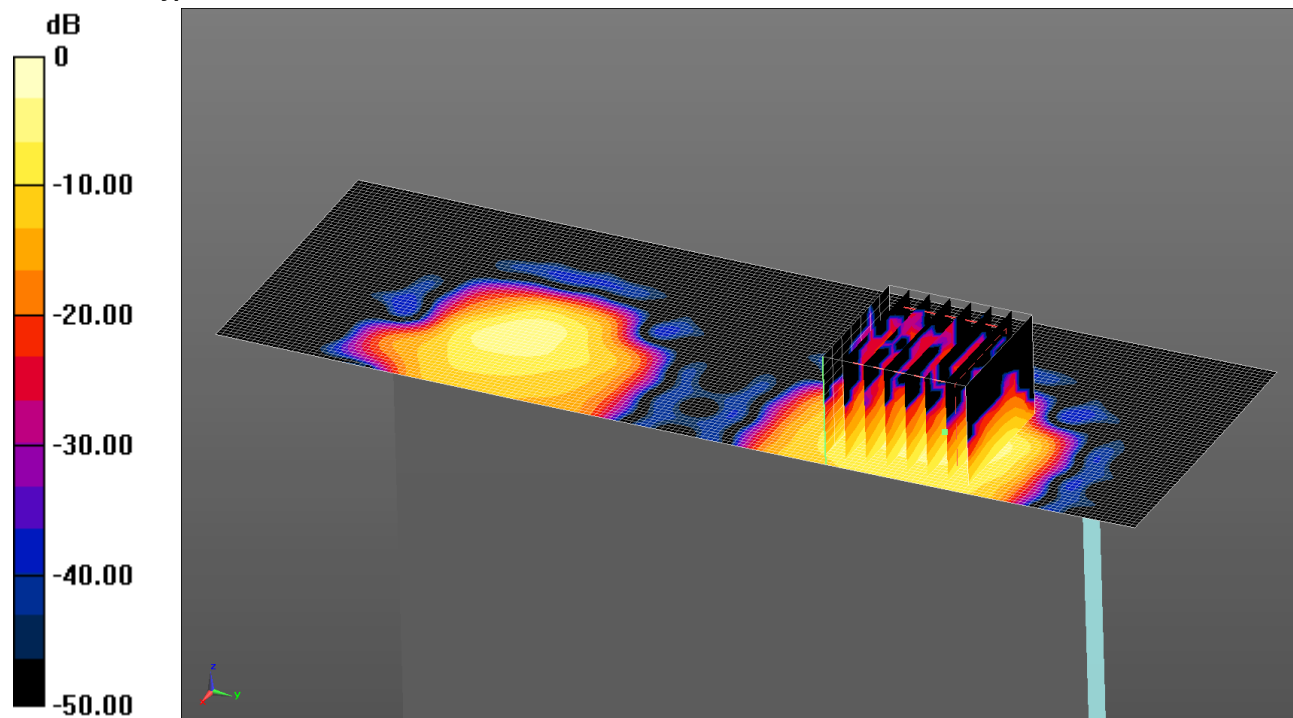
Maximum value of SAR (measured) = 0.107 W/kg

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

216: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1&2 13.5Mbps MIMO CH46

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 1.07 W/kg = 0.29 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5230$ MHz; $\sigma = 5.334$ S/m; $\epsilon_r = 47.763$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 3 (61x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.640 W/kg

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

Reference Value = 12.14 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.90 W/kg

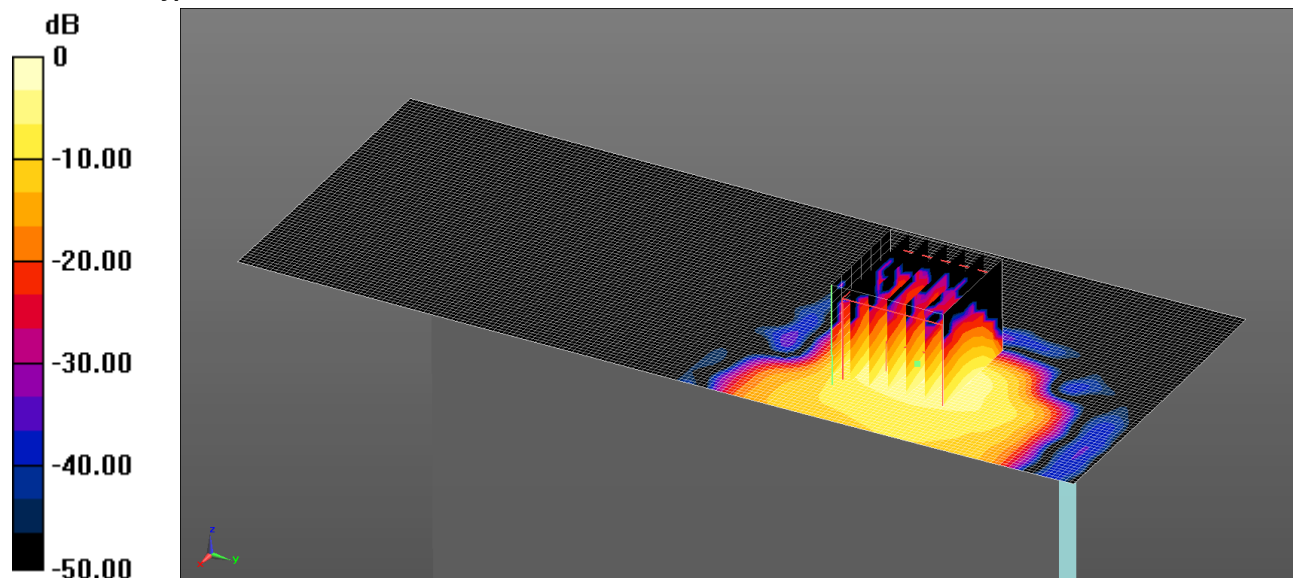
SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 1.07 W/kg

217: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Antenna 1 13,5 Mbps SISO CH46 Variant 2

Date: 4/9/2014

DUT: A1600; Type: FCC ID: BCGA1600



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

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5230$ MHz; $\sigma = 5.201$ S/m; $\epsilon_r = 49.351$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom- Middle 2 2/Area Scan (71x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.26 W/kg

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

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

Reference Value = 16.41 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.29 W/kg

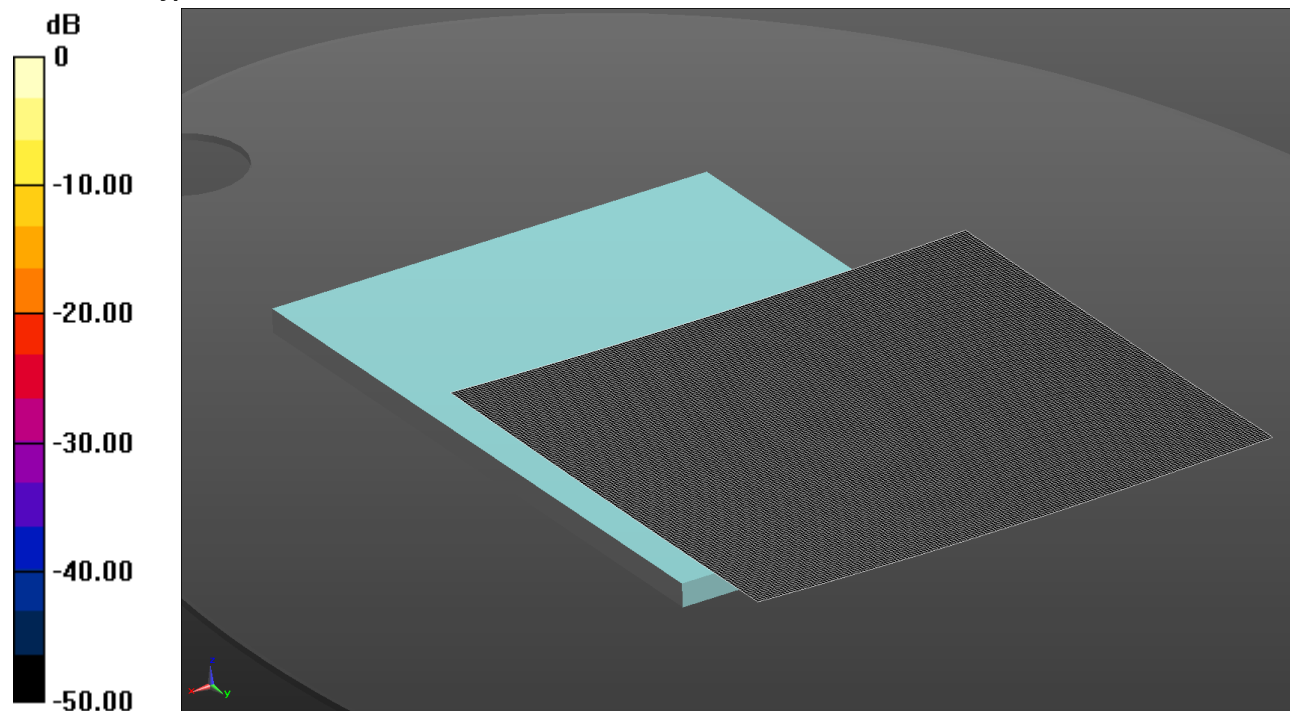
SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.216 W/kg

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

218: Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps Antenna 2 SISO CH52

Date: 30/7/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0 W/kg = -999.00 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; $\sigma = 5.35$ S/m; $\epsilon_r = 49.485$; $\rho = 1000$ 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)
- 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- Middle 2 2/Area Scan (161x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

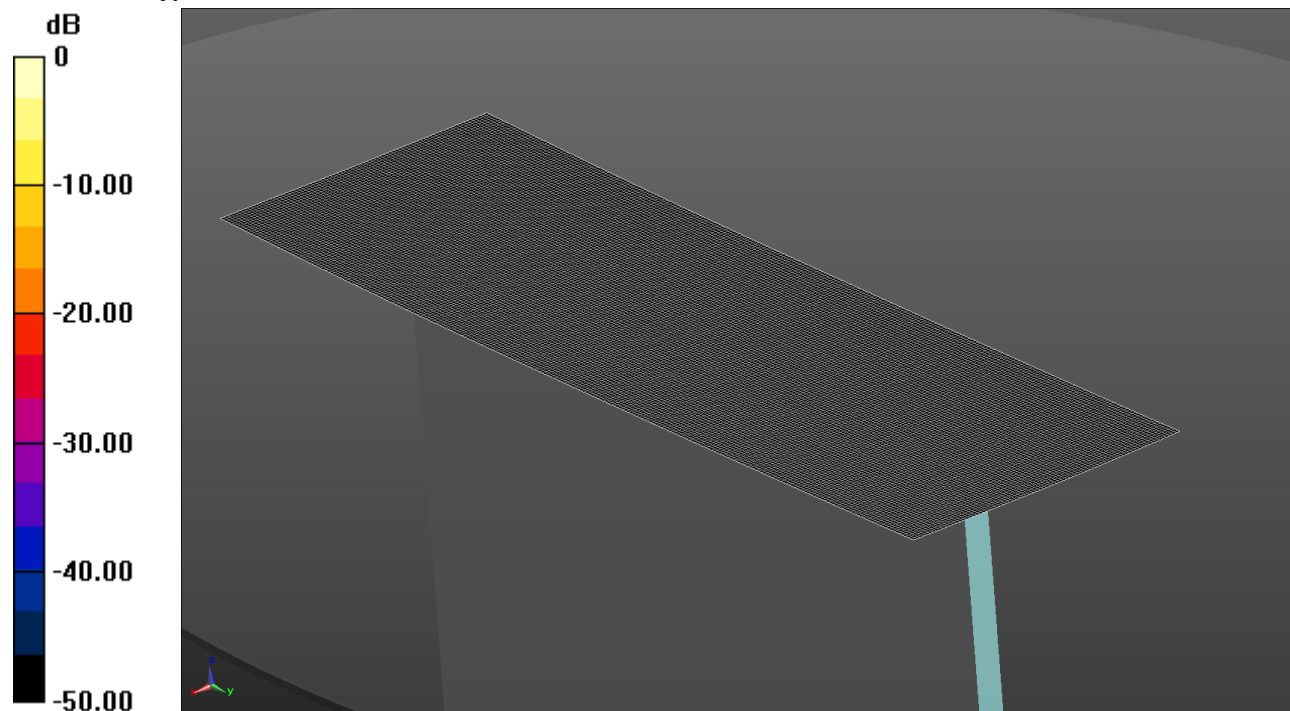
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

219: Right Hand Side Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps Antenna 2 SISO CH52

Date: 30/7/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0 W/kg = -999.00 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; $\sigma = 5.35$ S/m; $\epsilon_r = 49.485$; $\rho = 1000$ 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)
- 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- Middle 2 2/Area Scan 2 (81x251x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

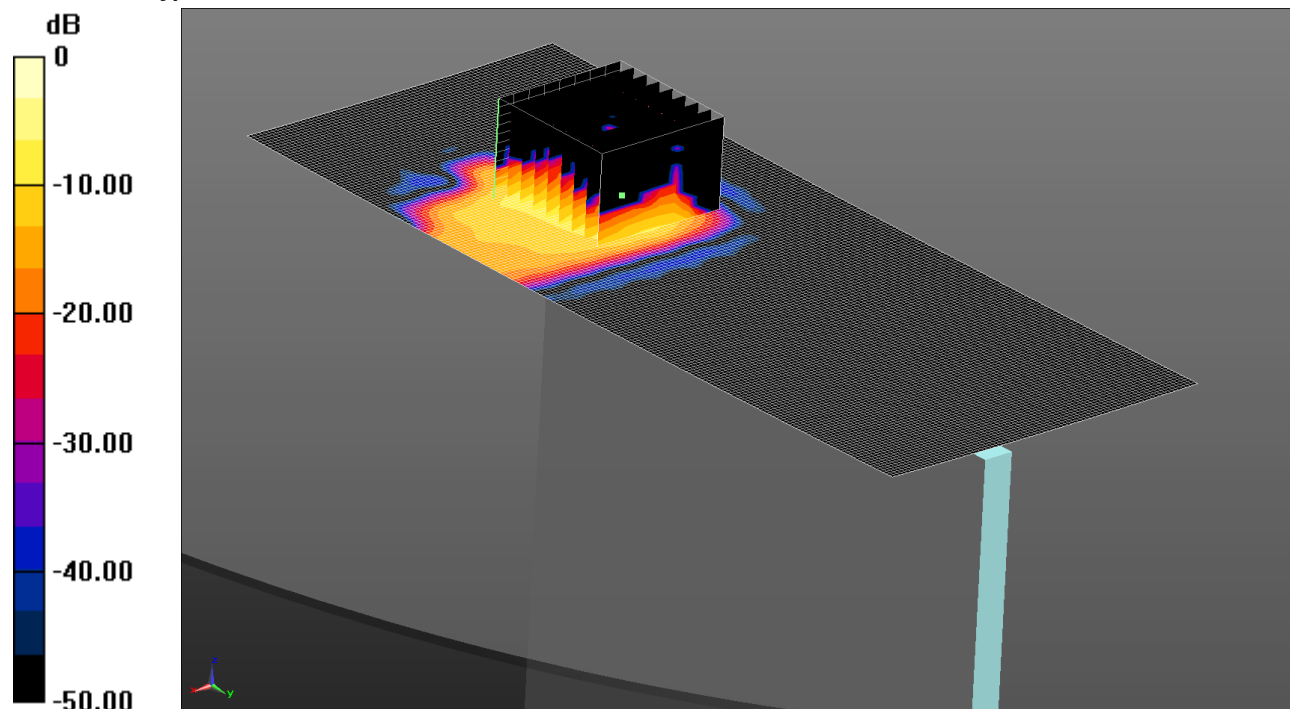
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

220: Bottom Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps Antenna 2 SISO CH52

Date: 30/7/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.800 W/kg = -0.97 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; $\sigma = 5.35$ S/m; $\epsilon_r = 49.485$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom- Middle/Area Scan 2 (81x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.599 W/kg

Configuration/Bottom of EUT Facing Phantom- Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.641 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 1.37 W/kg

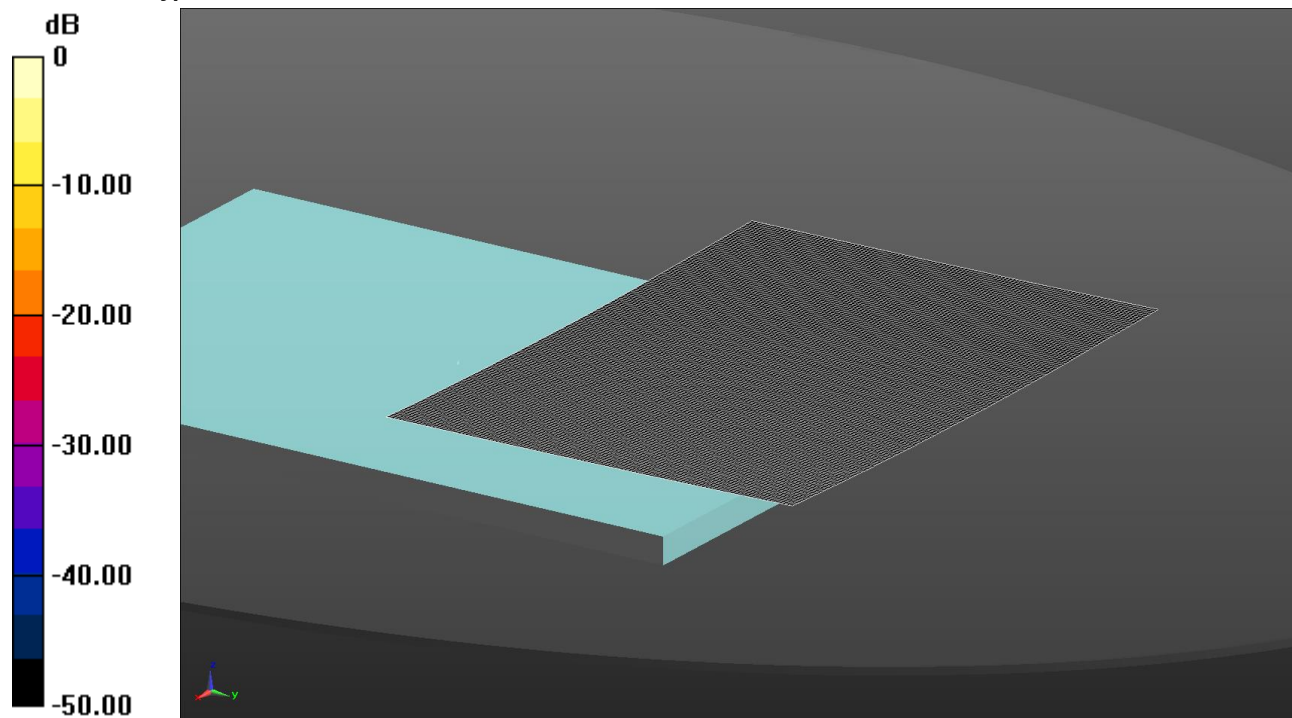
SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.117 W/kg.

Maximum value of SAR (measured) = 0.800 W/kg

221: Back Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1 6Mbps SISO CH60

Date: 4/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



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

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5300$ MHz; $\sigma = 5.44$ S/m; $\epsilon_r = 47.462$; $\rho = 1000$ 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)
- 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 - Middle/Area Scan 3 (151x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

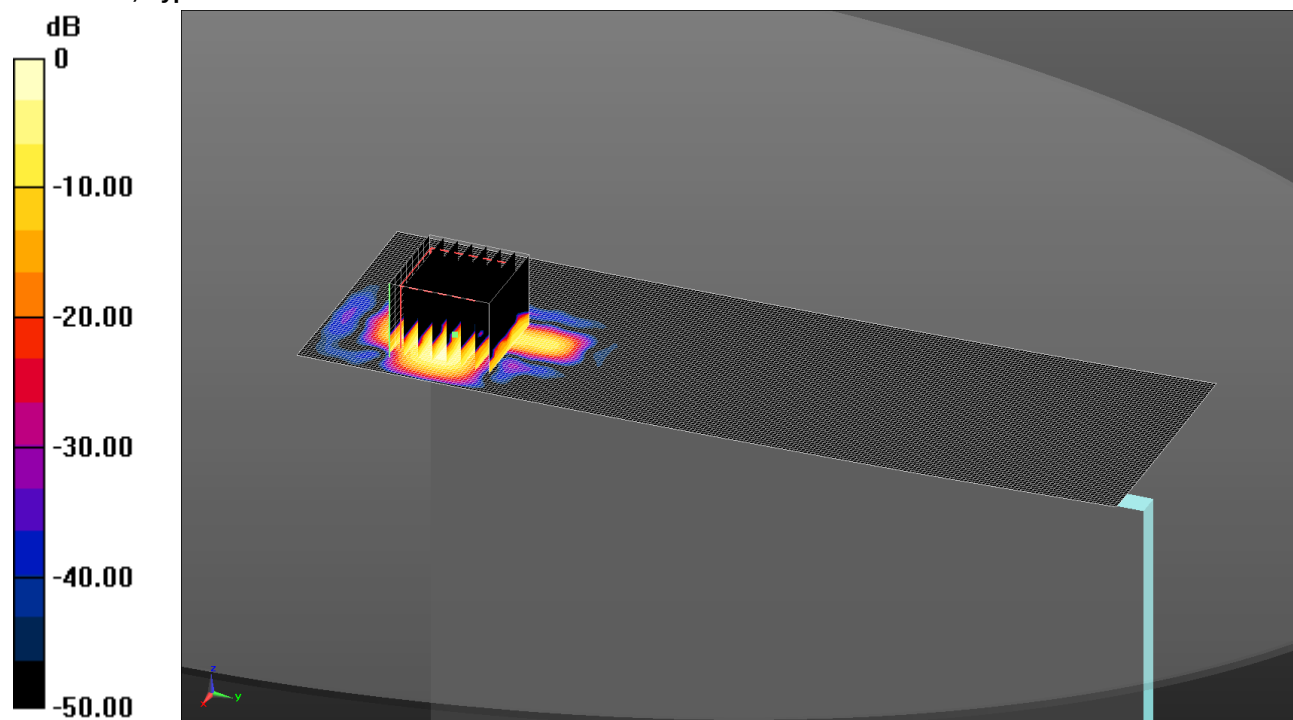
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

222: Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1 6Mbps SISO CH60

Date: 4/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.243 W/kg = -6.14 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5300$ MHz; $\sigma = 5.44$ S/m; $\epsilon_r = 47.462$; $\rho = 1000$ 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/Left Hand Side of EUT Facing Phantom- Middle/Area Scan (71x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.295 W/kg

Configuration/Left Hand Side of EUT Facing Phantom- Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0:

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

Reference Value = 4.620 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.401 W/kg

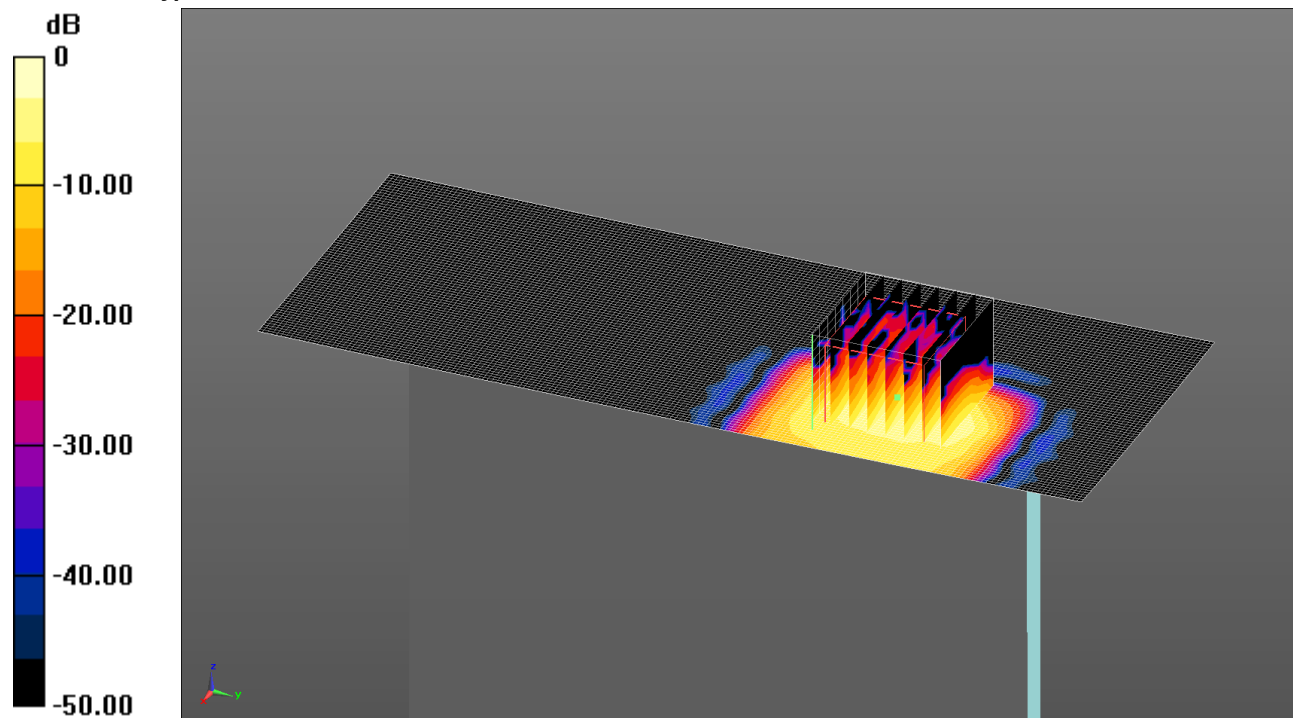
SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.243 W/kg

223: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1 6Mbps SISO CH60

Date: 4/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 1.09 W/kg = 0.37 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5300$ MHz; $\sigma = 5.44$ S/m; $\epsilon_r = 47.462$; $\rho = 1000$ 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/Left Hand Side of EUT Facing Phantom- Middle/Area Scan (71x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Configuration/Left Hand Side of EUT Facing Phantom- Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0:

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

Reference Value = 12.63 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.85 W/kg

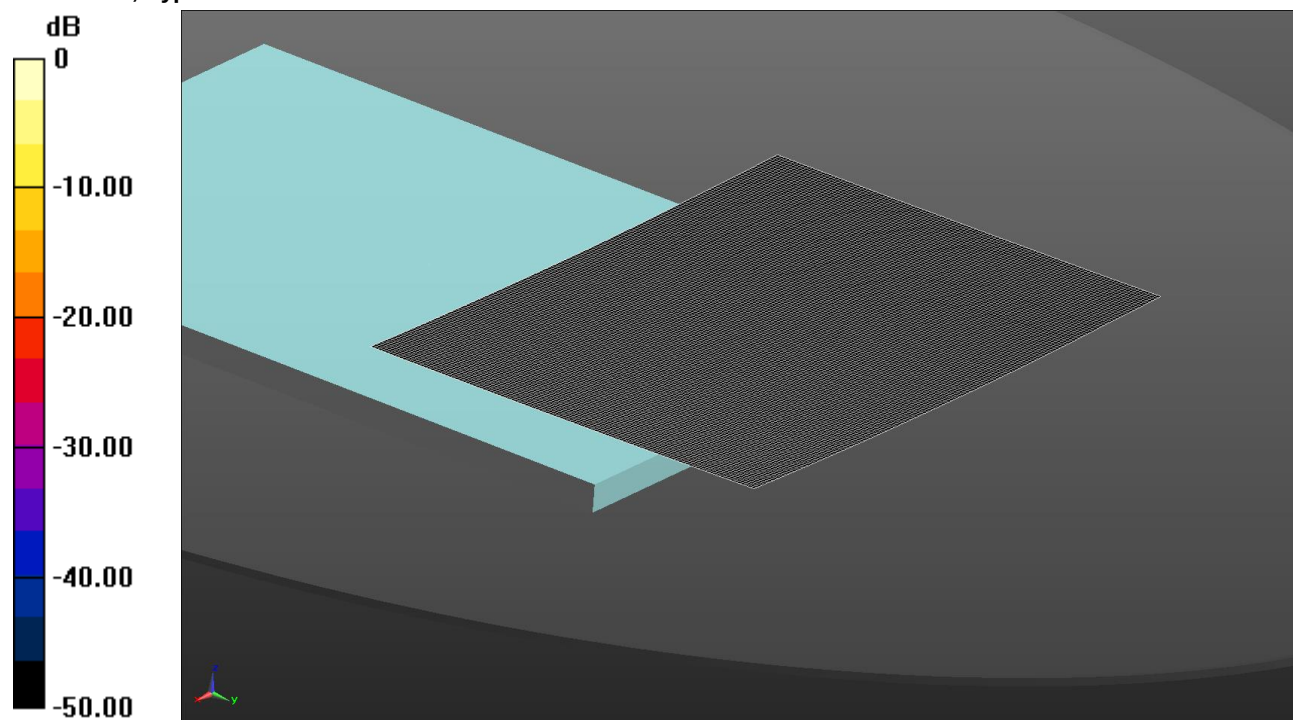
SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 1.09 W/kg

224: Back Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 2 6Mbps SISO CH60

Date: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



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

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5300$ MHz; $\sigma = 5.44$ S/m; $\epsilon_r = 47.462$; $\rho = 1000$ 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)
- 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 - Middle/Area Scan 3 (151x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

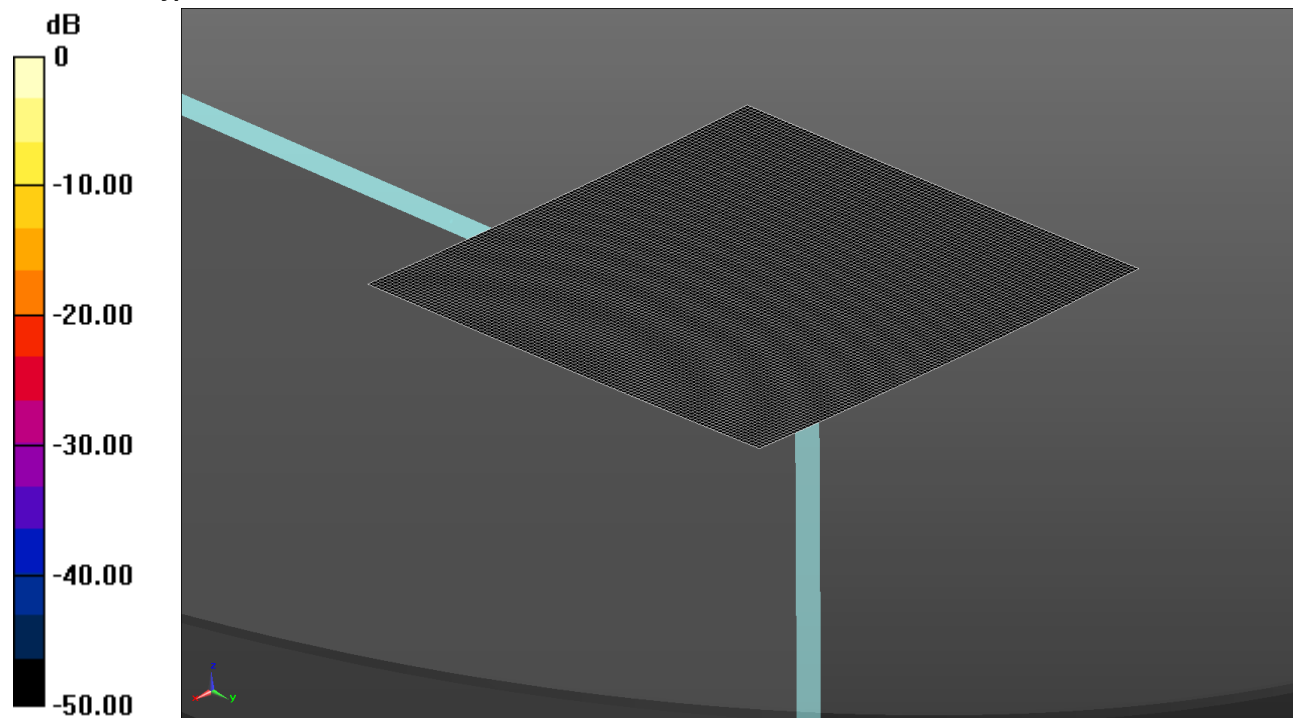
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

225: Right Side Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 2 6Mbps SISO CH60

Date: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



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

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5300$ MHz; $\sigma = 5.44$ S/m; $\epsilon_r = 47.462$; $\rho = 1000$ 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)
- 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/Right Hand Side of EUT Facing Phantom - Middle/Area Scan 3 (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

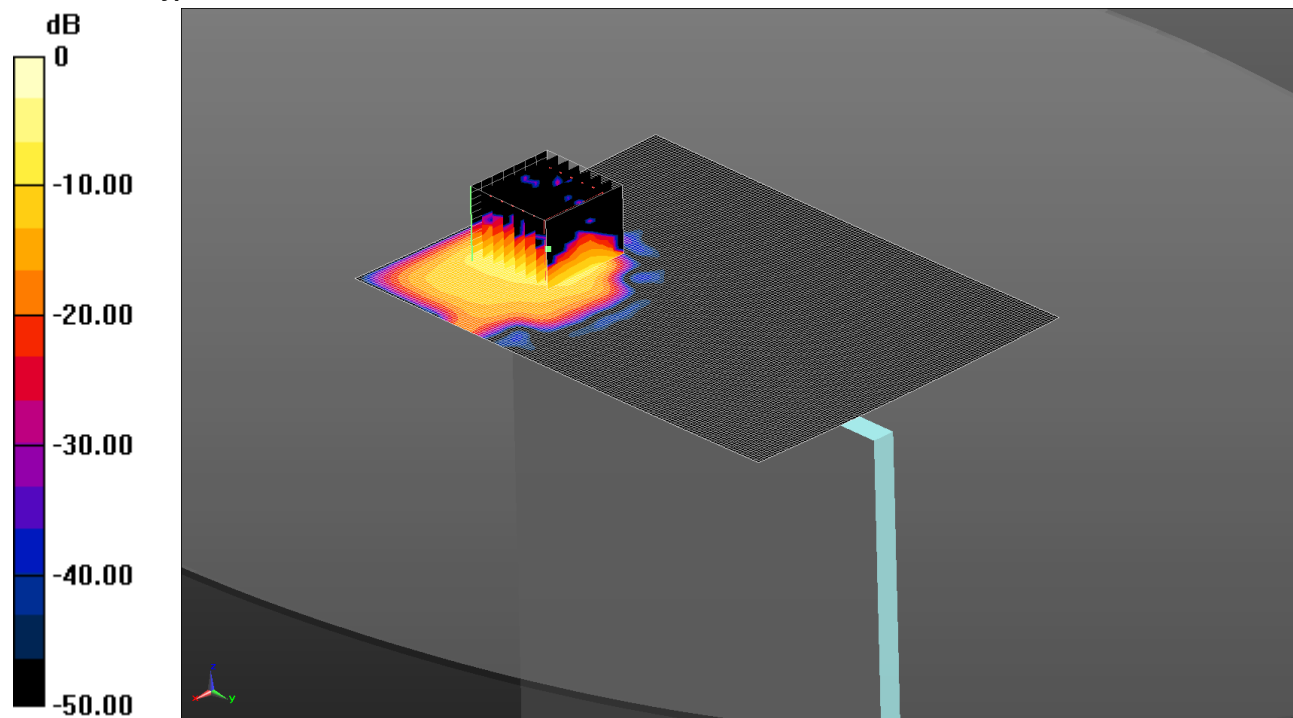
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

226: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 2 6Mbps SISO CH60

Date: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.868 W/kg = -0.61 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5300$ MHz; $\sigma = 5.44$ S/m; $\epsilon_r = 47.462$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 3 (111x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.756 W/kg

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

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

Reference Value = 6.788 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 1.44 W/kg

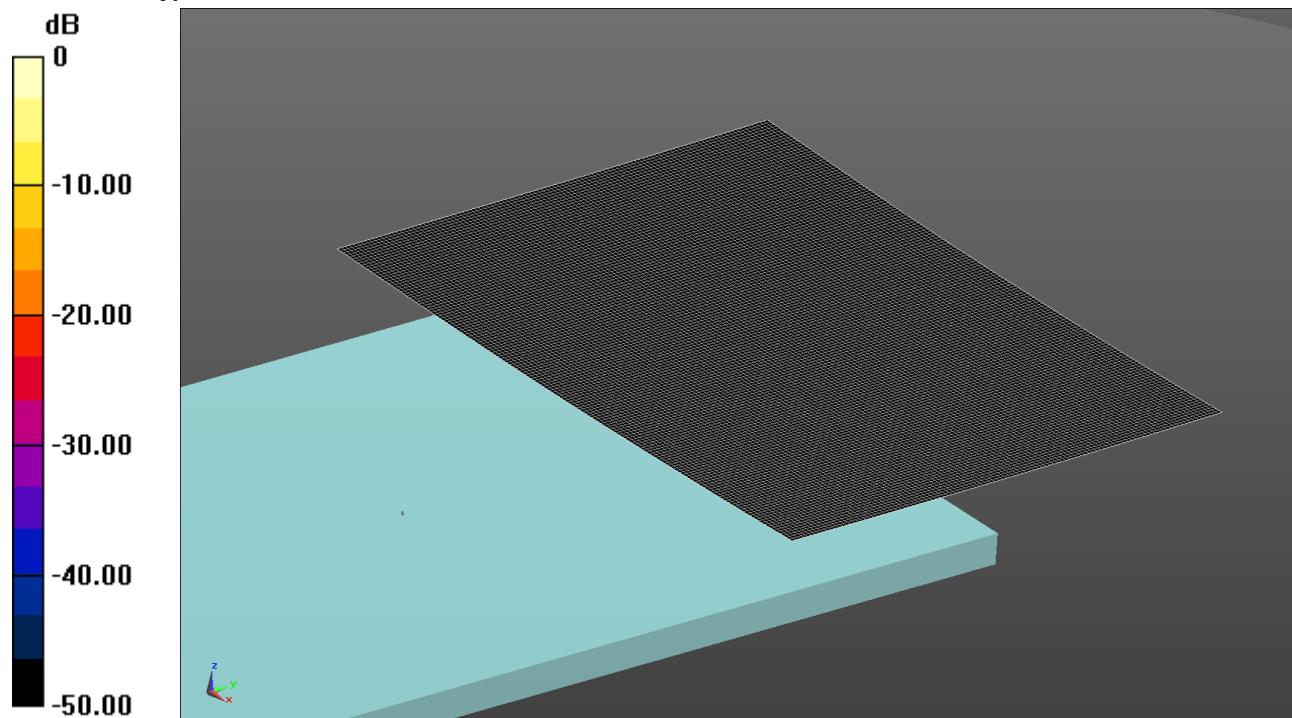
SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.132 W/kg

Maximum value of SAR (measured) = 0.868 W/kg

227: Back Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1&2 6Mbps MIMO CH60

Date: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



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

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5300$ MHz; $\sigma = 5.44$ S/m; $\epsilon_r = 47.462$; $\rho = 1000$ 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)
- 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 - Middle/Area Scan 3 (151x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

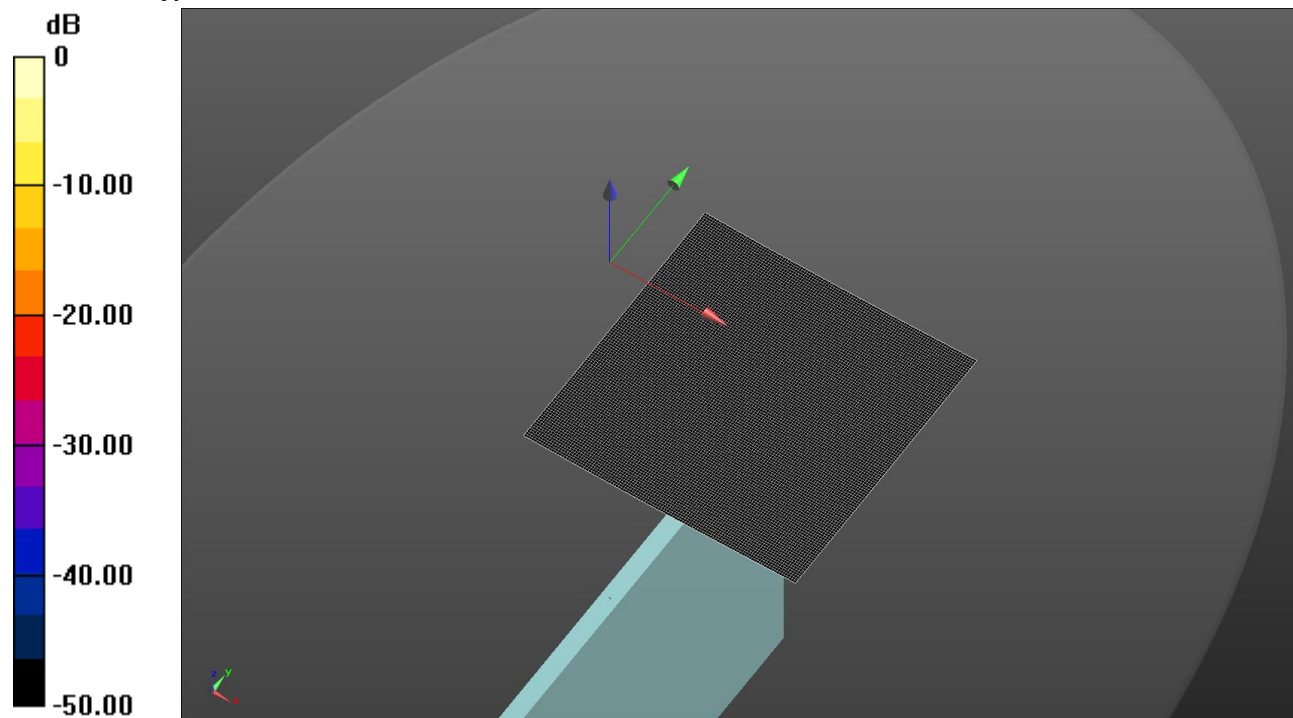
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

228: Right Side Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1&2 6Mbps MIMO CH60

Date: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



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

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5300$ MHz; $\sigma = 5.44$ S/m; $\epsilon_r = 47.462$; $\rho = 1000$ 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)
- 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/Right Hand Side of EUT Facing Phantom - Middle/Area Scan 3 (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

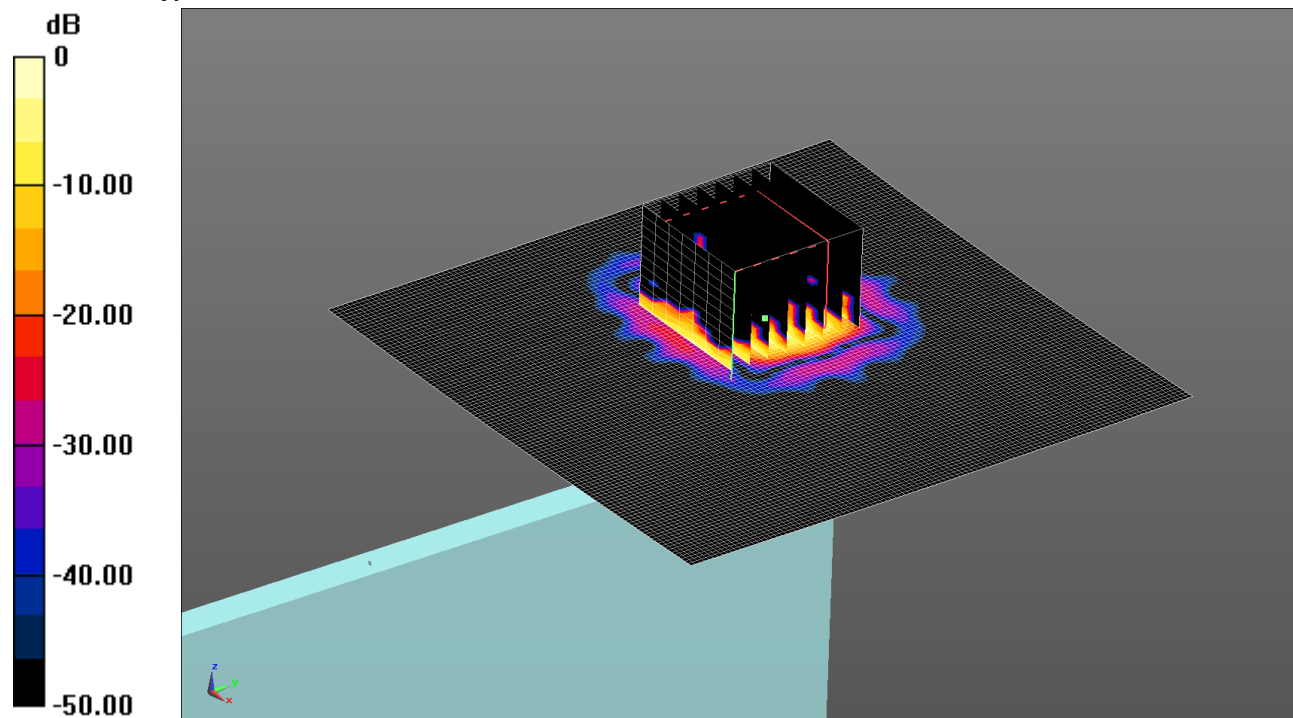
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

229: Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1&2 6Mbps MIMO CH60

Date: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.137 W/kg = -8.63 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5300$ MHz; $\sigma = 5.44$ S/m; $\epsilon_r = 47.462$; $\rho = 1000$ 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/Left Hand Side of EUT Facing Phantom - Middle/Area Scan 3 (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0705 W/kg

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

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

Reference Value = 2.67 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.021 W/kg

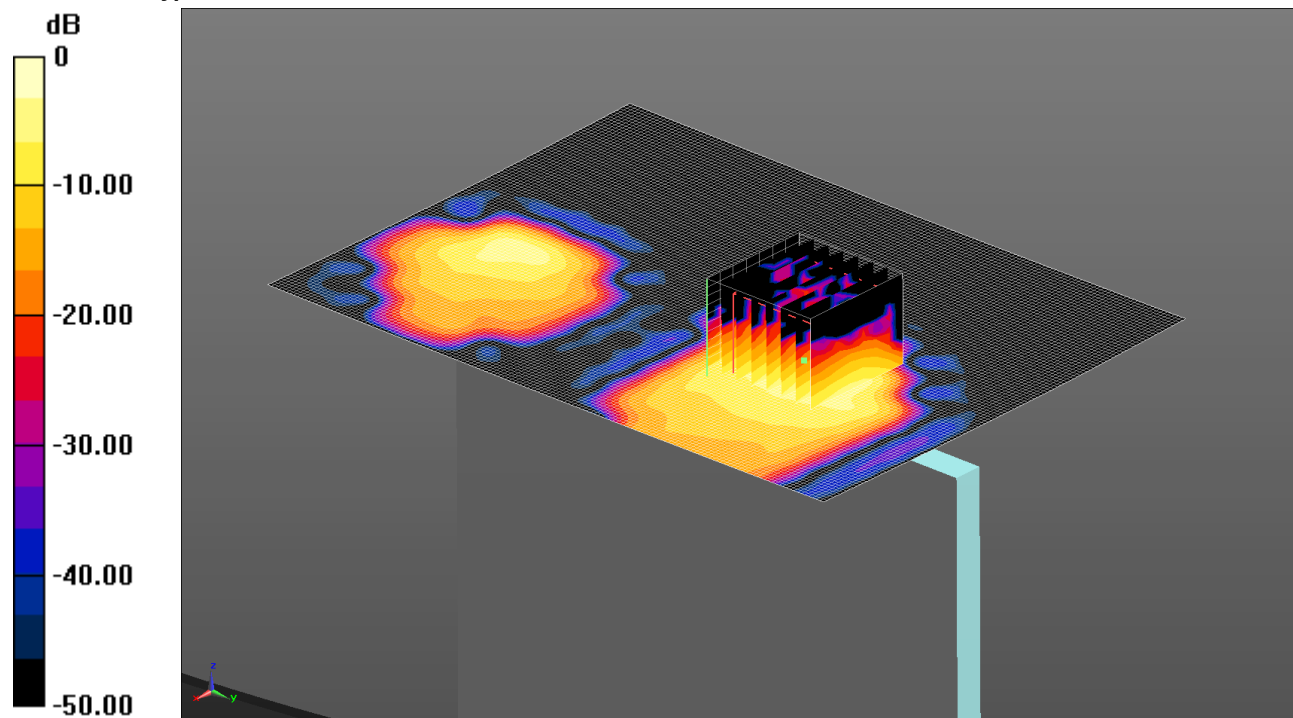
Maximum value of SAR (measured) = 0.137 W/kg

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

230: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1&2 6Mbps MIMO CH60

Date: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



Communication System: UID 0, WLAN 802.11 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5300$ MHz; $\sigma = 5.44$ S/m; $\epsilon_r = 47.462$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 3 (111x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.03 W/kg

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

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

Reference Value = 6.789 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 1.89 W/kg

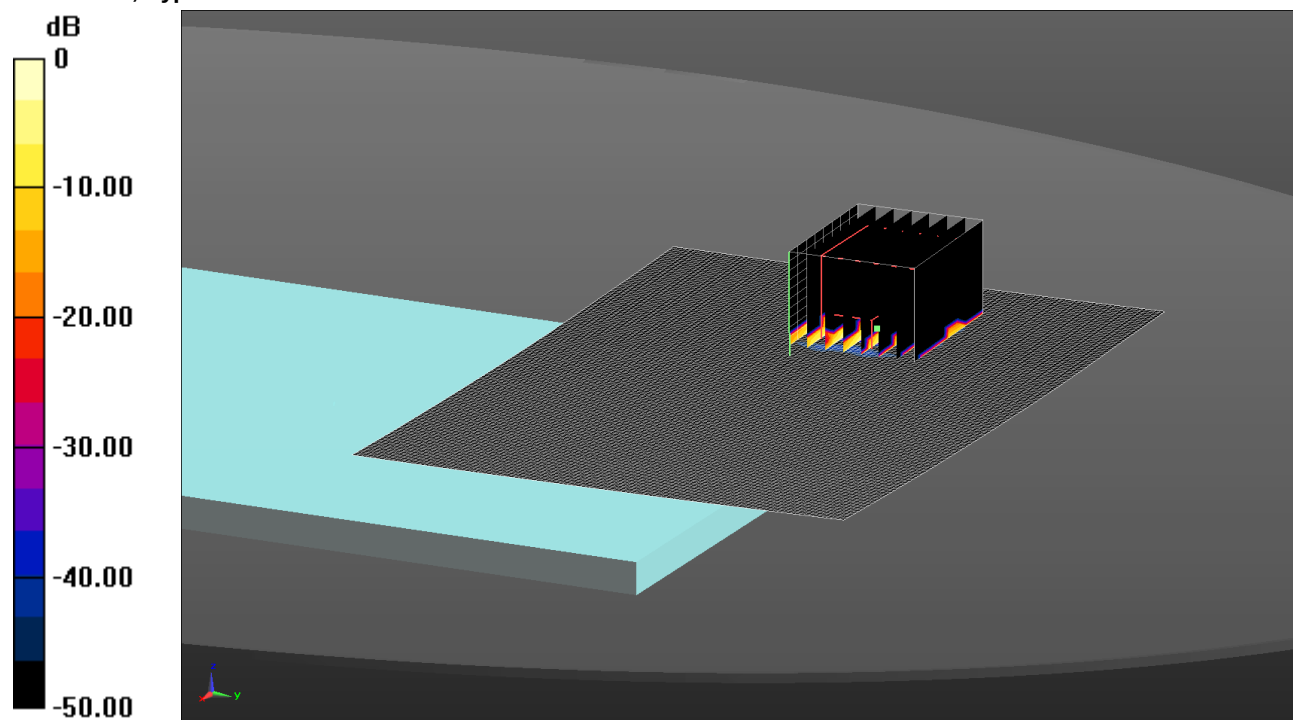
SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 1.08 W/kg

231: Back Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1 13.5Mbps SISO CH54

Date: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.0808 W/kg = -10.93 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; $\sigma = 5.39$ S/m; $\epsilon_r = 47.583$; $\rho = 1000$ 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 - Middle/Area Scan 3 (151x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0335 W/kg

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

Reference Value = 2.99 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.013 W/kg

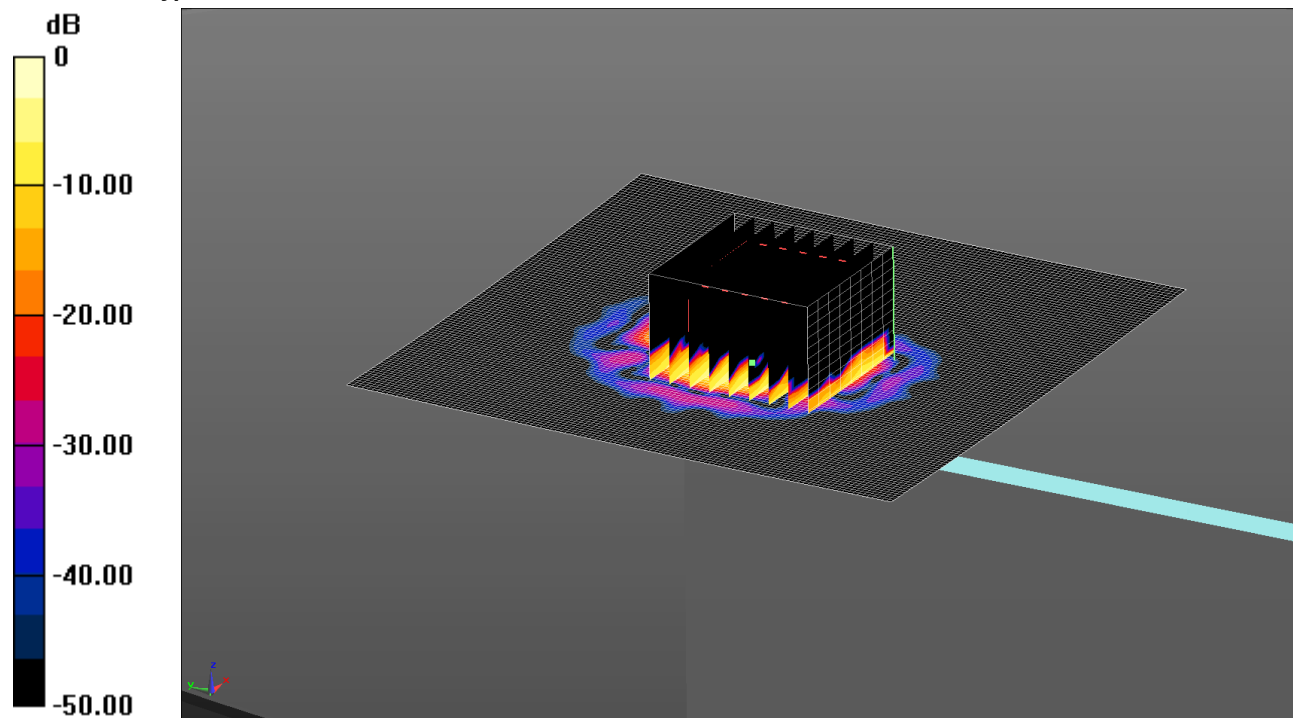
Maximum value of SAR (measured) = 0.0808 W/kg

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

232: Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1 13.5Mbps SISO CH54

Data: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.171 W/kg = -7.67 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; $\sigma = 5.39$ S/m; $\epsilon_r = 47.583$; $\rho = 1000$ 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/Left Hand Side of EUT Facing Phantom - Middle/Area Scan 3 (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0934 W/kg

Configuration/Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) (9x9x12)/Cube 0:

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

Reference Value = 3.45 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.463 W/kg

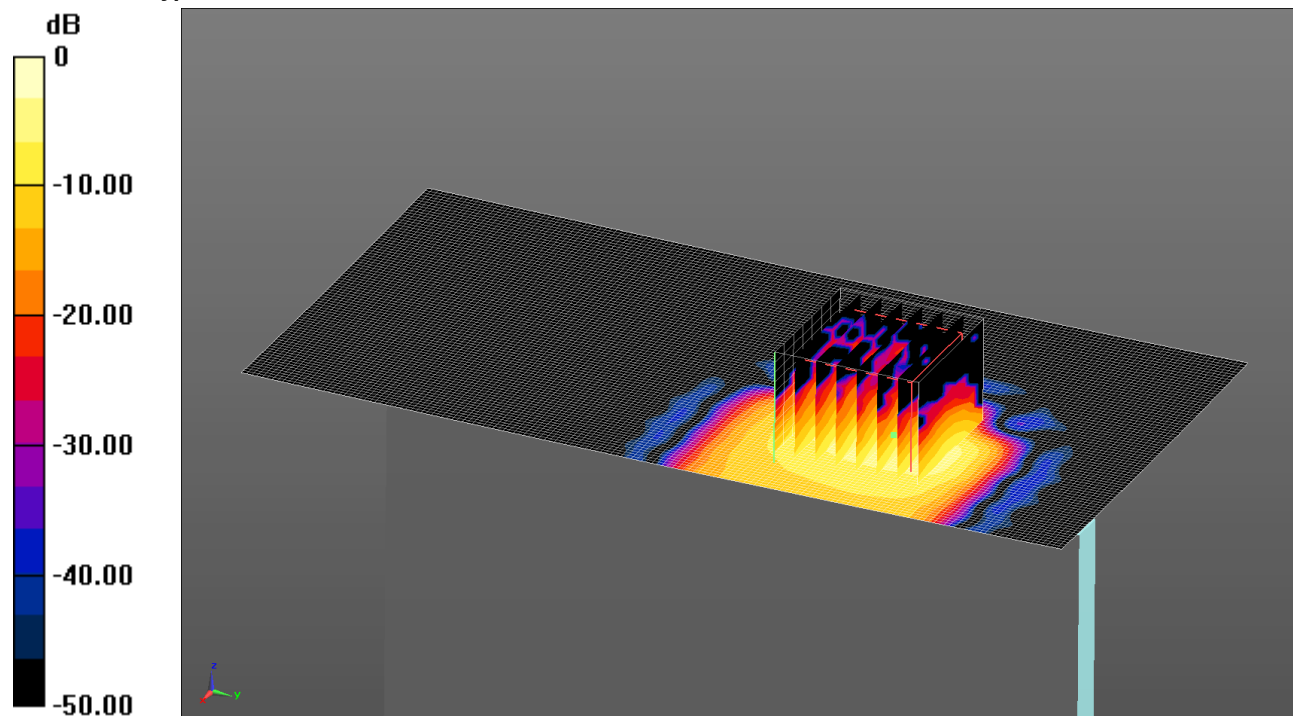
SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.171 W/kg

233: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1 13.5Mbps SISO CH54

Data: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



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; $\sigma = 5.39$ S/m; $\epsilon_r = 47.583$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 3 (81x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.719 W/kg

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

Reference Value = 11.80 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.05 W/kg

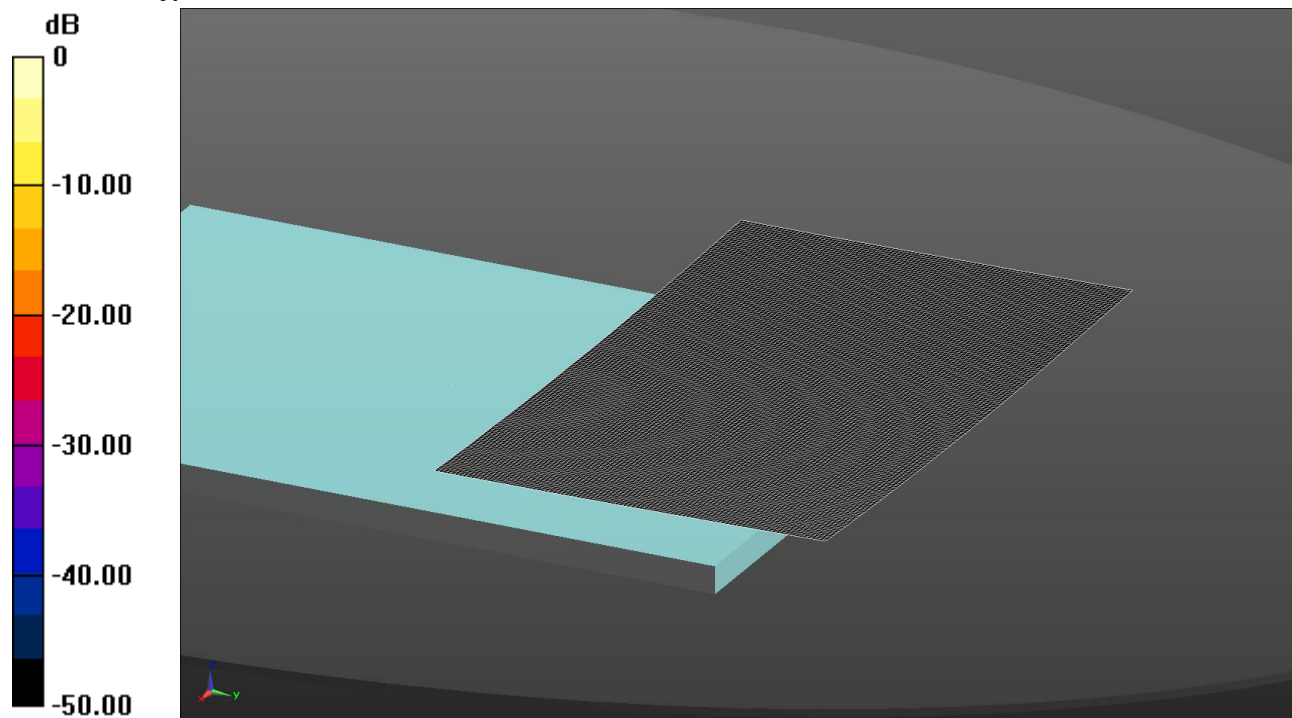
SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 1.14 W/kg

234: Back Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 2 13.5Mbps SISO CH54

Date: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0 W/kg = -999.00 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; $\sigma = 5.39$ S/m; $\epsilon_r = 47.583$; $\rho = 1000$ 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)
- 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 - Middle/Area Scan 3 (161x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

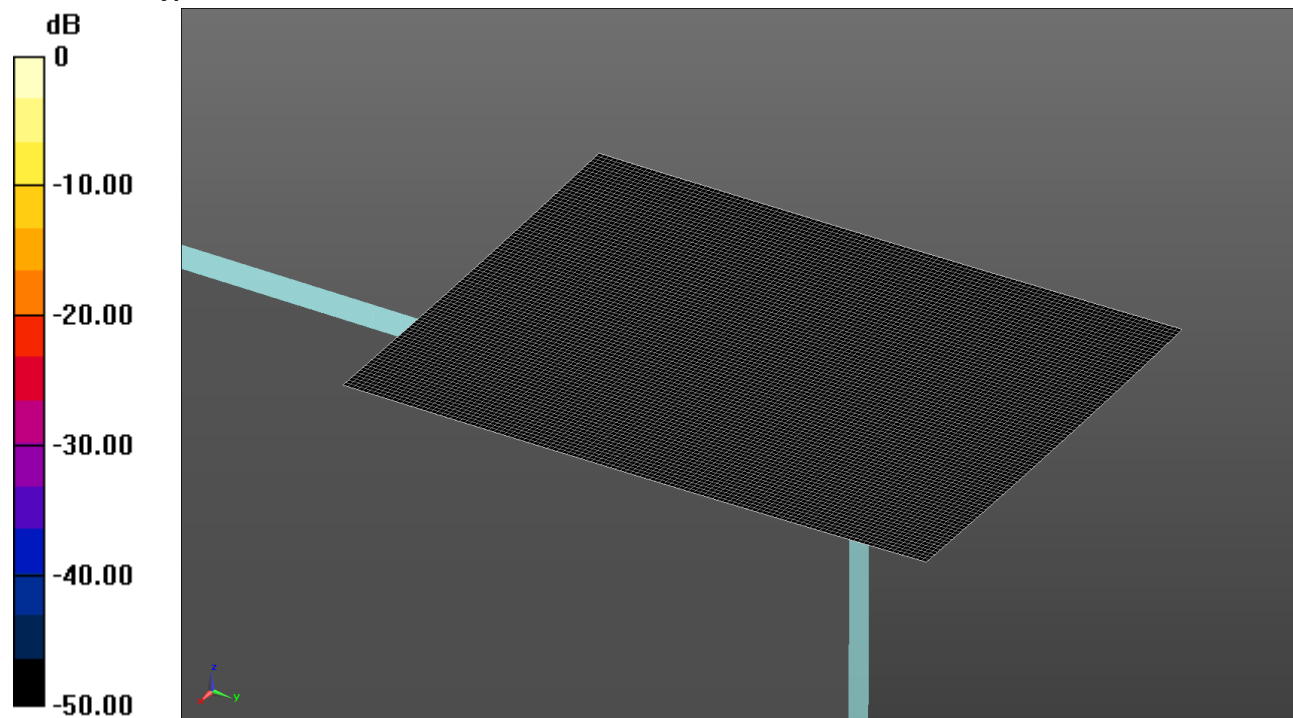
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

235: Right Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 2 13.5Mbps SISO CH54

Date: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0 W/kg = -999.00 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; $\sigma = 5.39$ S/m; $\epsilon_r = 47.583$; $\rho = 1000$ 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)
- 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/Right Hand Side of EUT Facing Phantom - Middle/Area Scan 3 (91x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

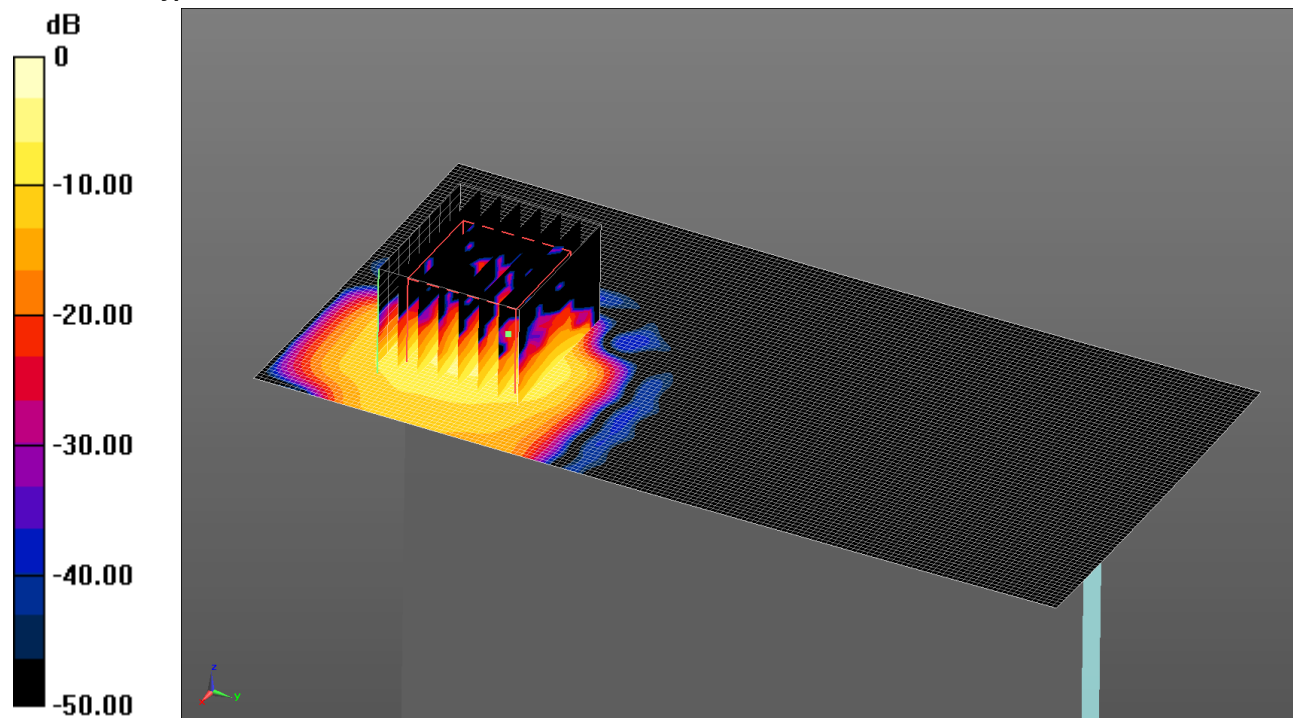
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

236: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 2 13.5Mbps SISO CH54

Date: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.698 W/kg = -1.56 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; $\sigma = 5.39$ S/m; $\epsilon_r = 47.583$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 3 (81x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

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

Reference Value = 10.94 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.21 W/kg

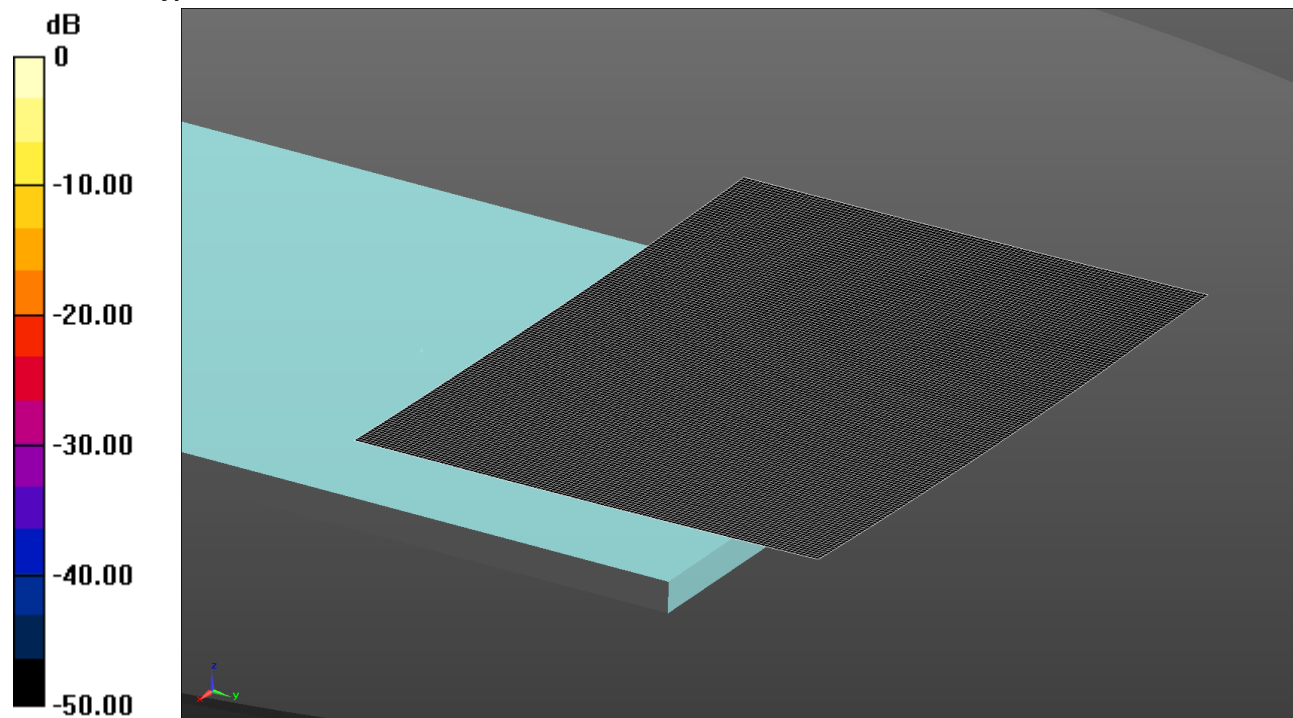
SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.698 W/kg

237: Back Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1&2 13.5Mbps MIMO CH54

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0 W/kg = -999.00 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; $\sigma = 5.39$ S/m; $\epsilon_r = 47.583$; $\rho = 1000$ 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)
- 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 - Middle/Area Scan 3 (151x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

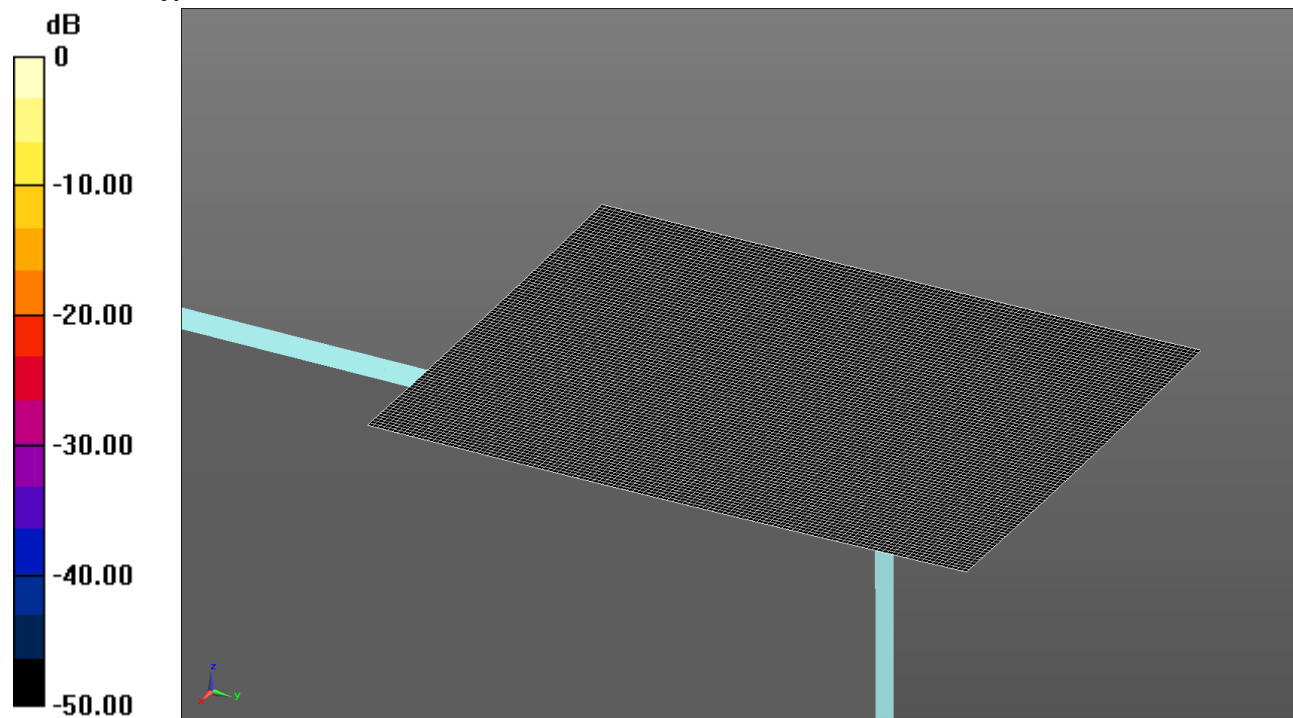
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

238: Right Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1&2 13.5Mbps MIMO CH54

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0 W/kg = -999.00 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; $\sigma = 5.39$ S/m; $\epsilon_r = 47.583$; $\rho = 1000$ 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)
- 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/Right Hand Side of EUT Facing Phantom - Middle/Area Scan 3 (91x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

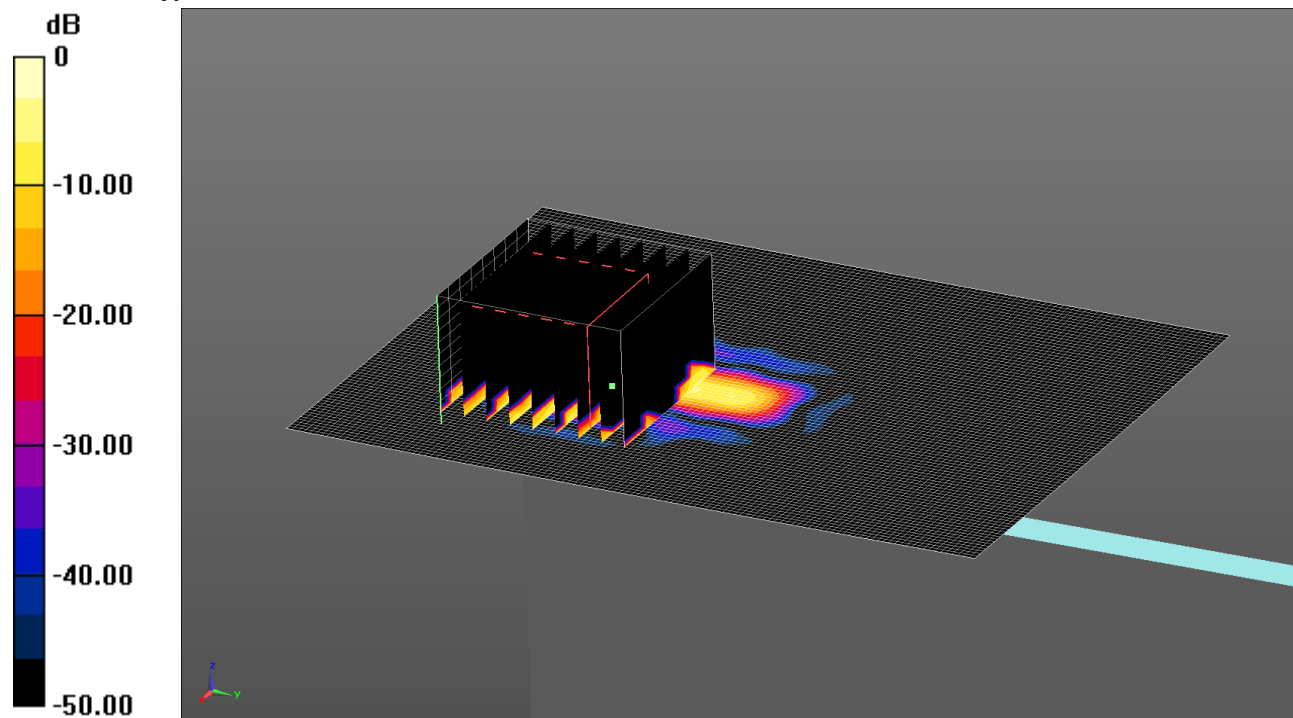
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

239: Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1&2 13.5Mbps MIMO CH54

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.102 W/kg = -9.91 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; $\sigma = 5.39$ S/m; $\epsilon_r = 47.583$; $\rho = 1000$ 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/Left Hand Side of EUT Facing Phantom - Middle/Area Scan 3 (91x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0809 W/kg

Configuration/Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) (9x9x12)/Cube 0:

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

Reference Value = 3.95 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.665 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.019 W/kg

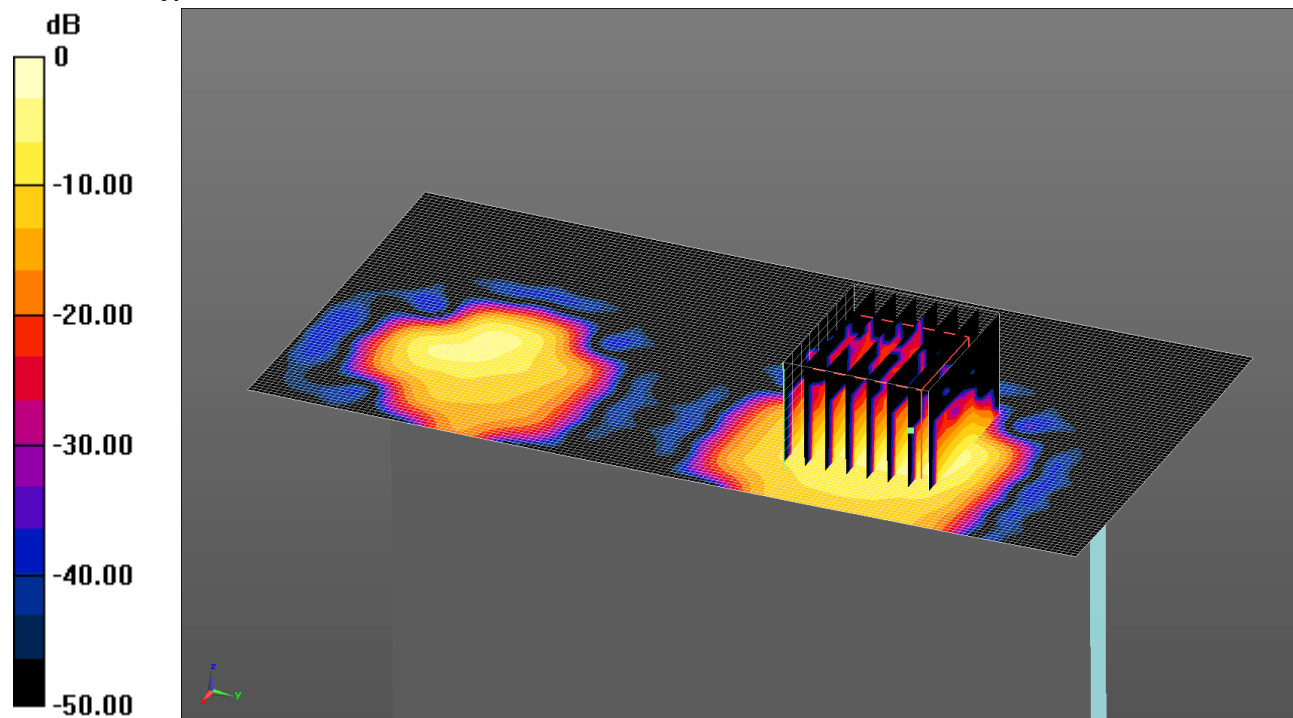
Maximum value of SAR (measured) = 0.102 W/kg

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

240: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1&2 13.5Mbps MIMO CH54

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.932 W/kg = -0.31 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; $\sigma = 5.39$ S/m; $\epsilon_r = 47.583$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 3 (81x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.591 W/kg

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

Reference Value = 10.19 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.48 W/kg

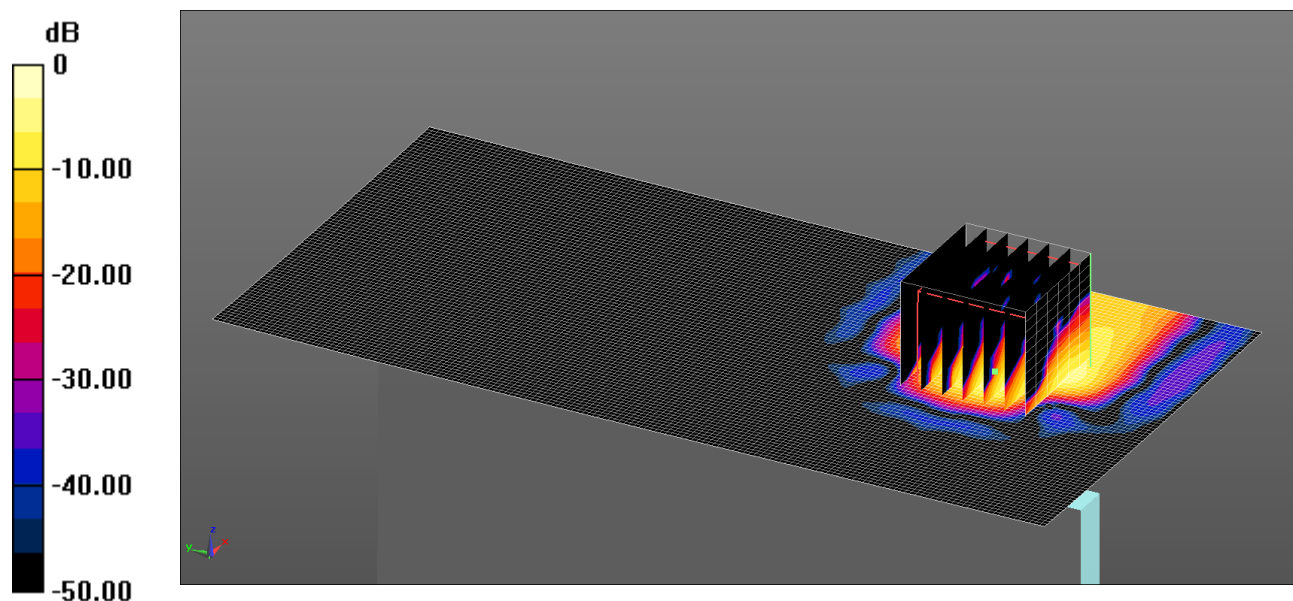
SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.932 W/kg

241: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1 13.5Mbps SISO CH54 Variant 2

Date: 4/9/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.734 W/kg = -1.34 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; $\sigma = 5.262$ S/m; $\epsilon_r = 49.267$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle 2 2/Area Scan 3 (81x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.445 W/kg

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

Reference Value = 12.20 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.22 W/kg

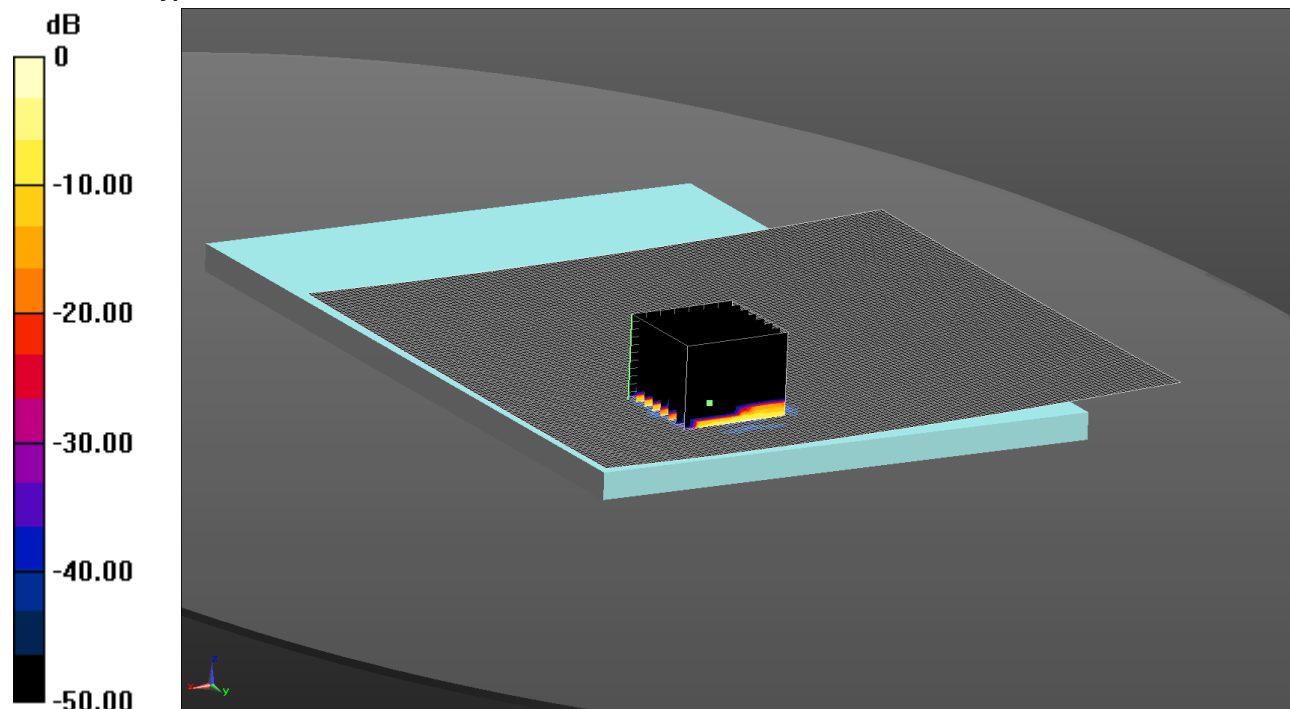
SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.734 W/kg

242: Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps Antenna 2 SISO CH116

Date: 30/7/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.131 W/kg = -8.83 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.794$ S/m; $\epsilon_r = 48.536$; $\rho = 1000$ 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- Middle 2 2/Area Scan (161x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0660 W/kg

Configuration/Back of EUT Facing Phantom- Middle 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0:

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

Reference Value = 1.427 V/m; Power Drift = 2.59 dB

Peak SAR (extrapolated) = 0.519 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.019 W/kg

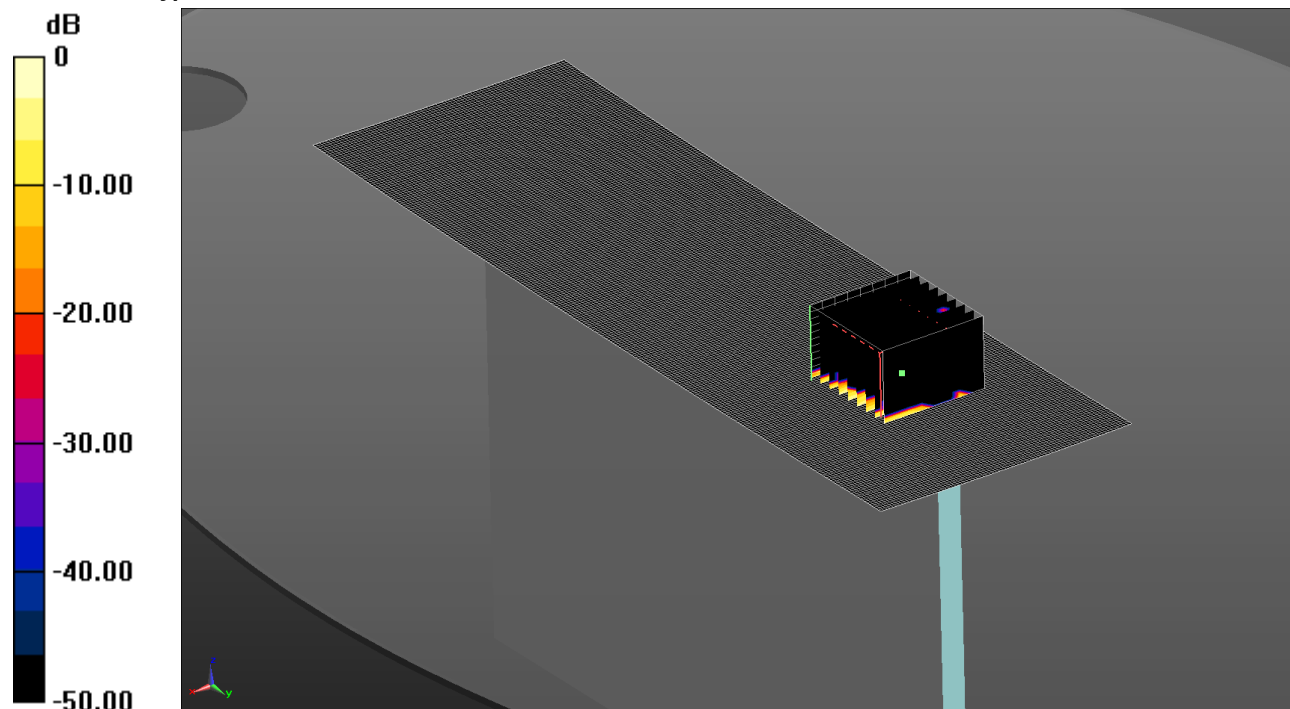
Maximum value of SAR (measured) = 0.131 W/kg

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

243: Right Hand Side Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps Antenna 2 SISO CH116

Date: 30/7/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.0755 W/kg = -11.22 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.794$ S/m; $\epsilon_r = 48.536$; $\rho = 1000$ 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/Right Hand Side of EUT Facing Phantom- Middle/Area Scan 2 (81x251x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.00665 W/kg

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

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

Reference Value = 3.938 V/m; Power Drift = 0.39 dB

Peak SAR (extrapolated) = 0.578 W/kg

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

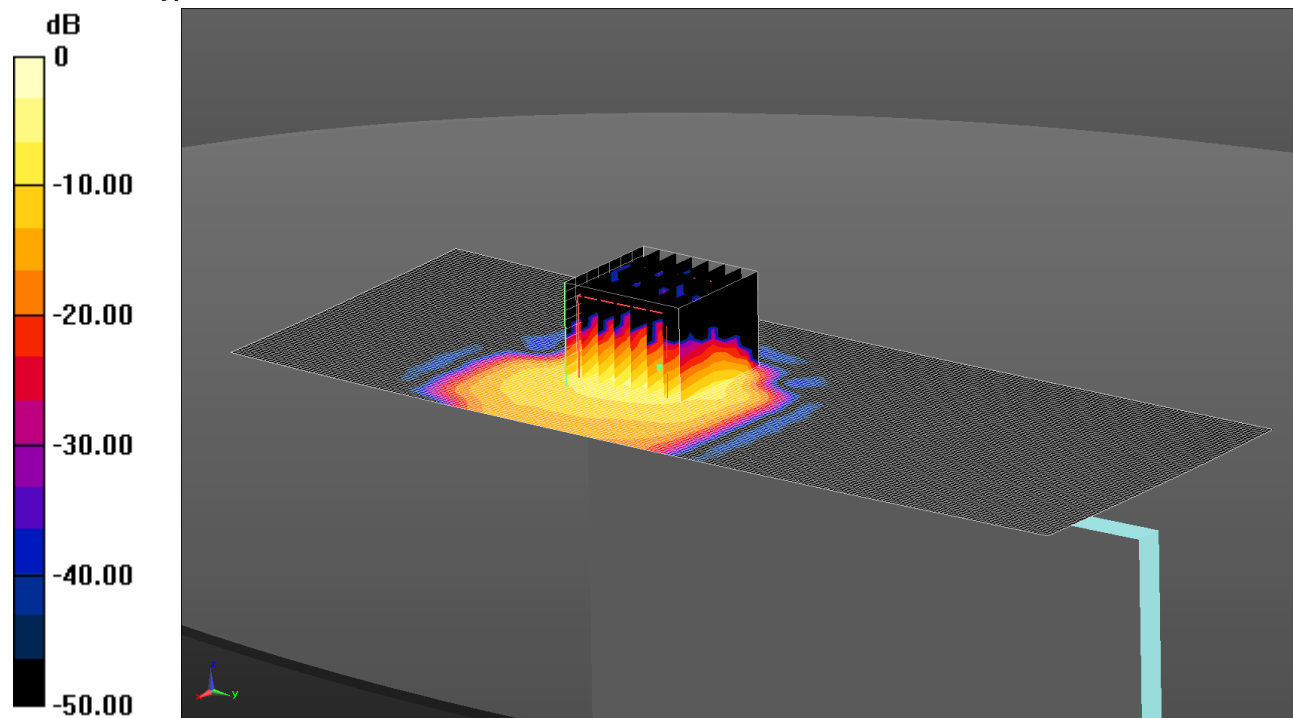
Maximum value of SAR (measured) = 0.0755 W/kg

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

244: Bottom Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps Ant2 SISO CH116

Date: 31/7/201

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 1.82 W/kg = 2.60 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.794$ S/m; $\epsilon_r = 48.536$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 (81x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.49 W/kg

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

Reference Value = 12.17 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.34 W/kg

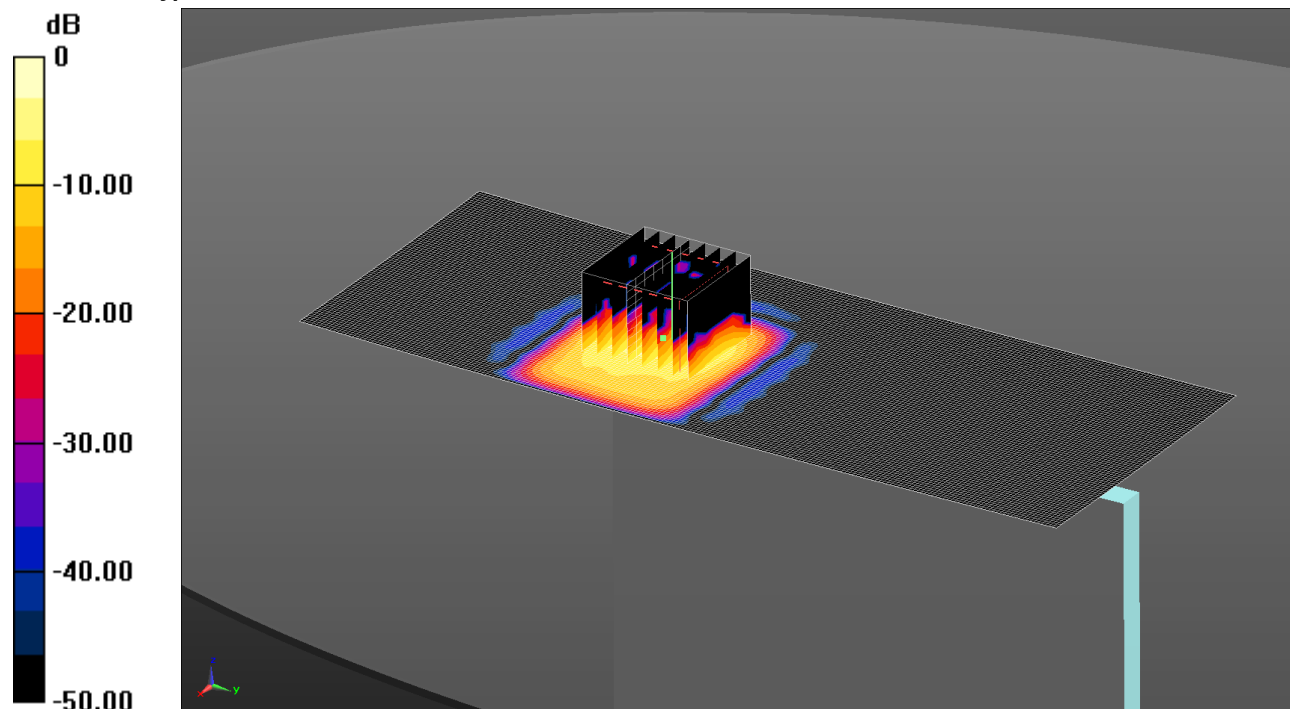
SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.270 W/kg

Maximum value of SAR (measured) = 1.82 W/kg

245: Bottom Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps Ant2 SISO CH100

Date: 30/7/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 1.01 W/kg = 0.04 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.643$ S/m; $\epsilon_r = 48.746$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom- Low/Area Scan 2 (81x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.698 W/kg

Configuration/Bottom of EUT Facing Phantom- Low/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0:

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

Reference Value = 4.463 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.89 W/kg

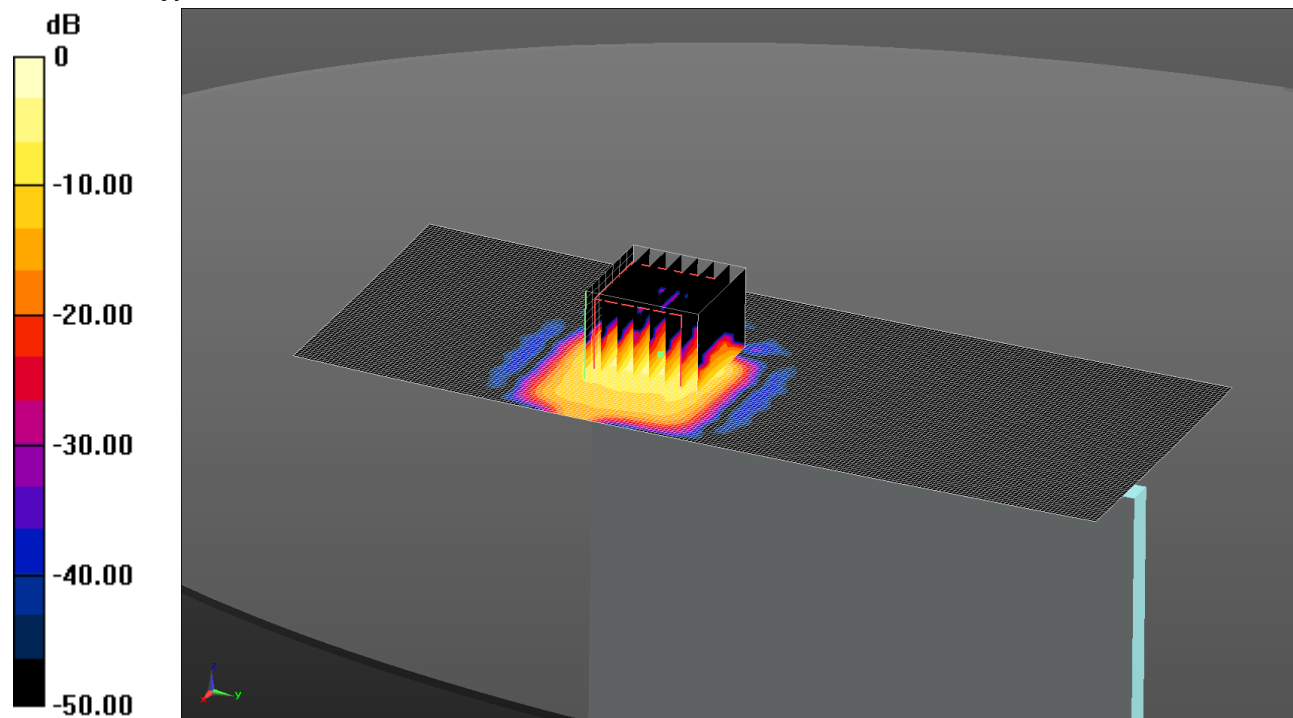
SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.157 W/kg

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

246: Bottom Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps Ant2 SISO CH140

Date: 30/7/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.915 W/kg = -0.39 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5700$ MHz; $\sigma = 5.961$ S/m; $\epsilon_r = 48.282$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom- High/Area Scan 2 (81x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.633 W/kg

Configuration/Bottom of EUT Facing Phantom- High/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0:

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

Reference Value = 5.595 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.68 W/kg

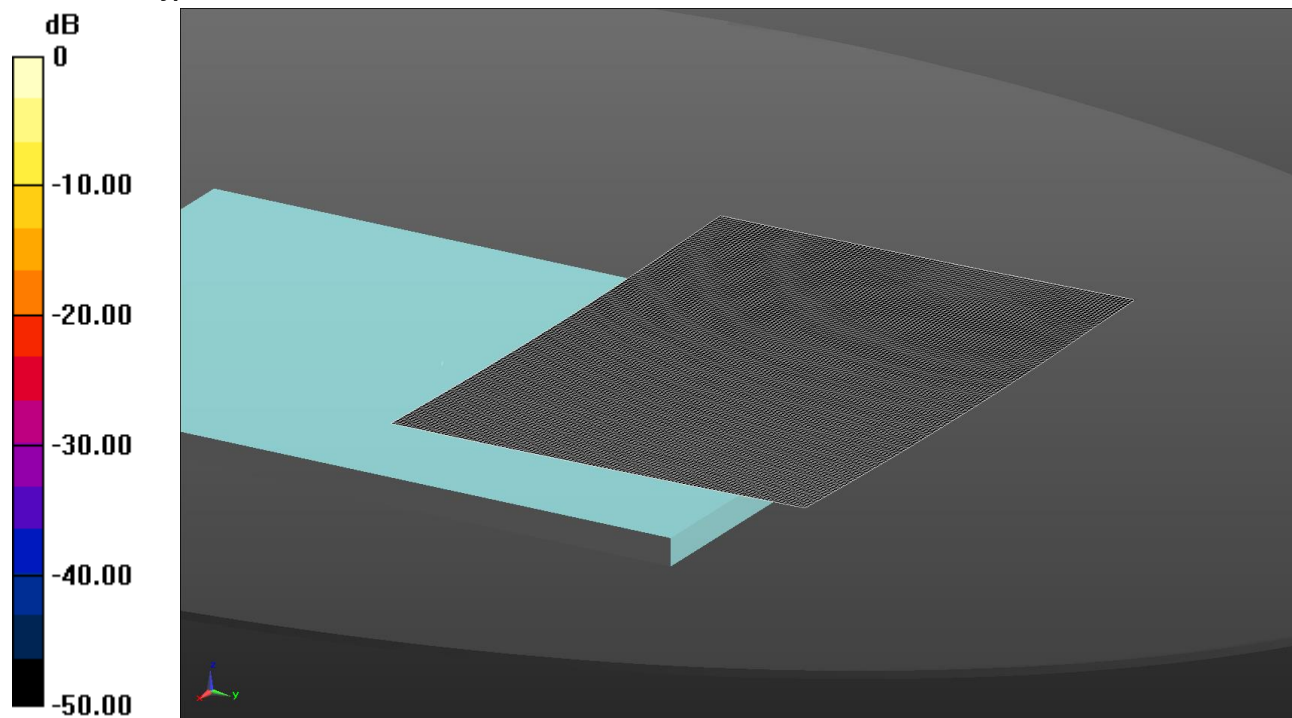
SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.915 W/kg

247: Back Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1 6.5Mbps SISO CH116

Date: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



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

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.809$ S/m; $\epsilon_r = 46.641$; $\rho = 1000$ 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 - Middle/Area Scan 3 (151x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

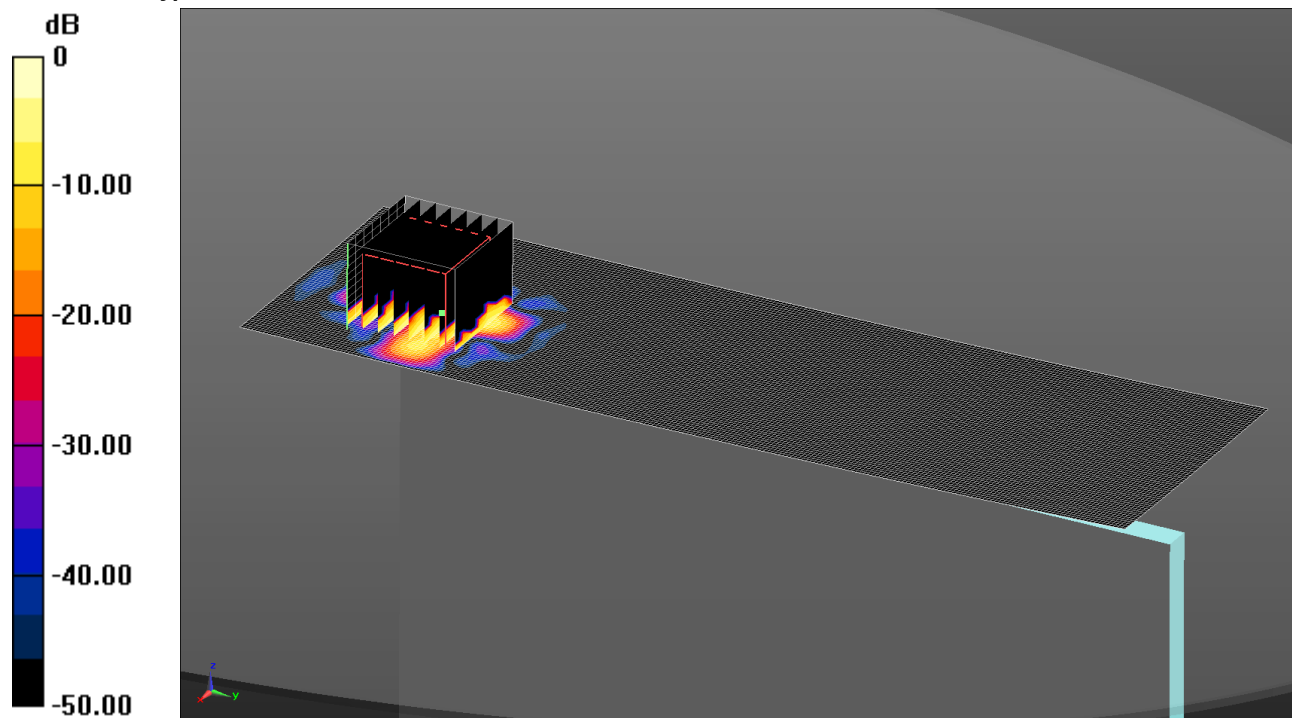
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

248: Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1 6.5Mbps SISO CH116

Date: 5/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.180 W/kg = -7.45 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.809$ S/m; $\epsilon_r = 46.641$; $\rho = 1000$ 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/Left Hand Side of EUT Facing Phantom- Middle/Area Scan (71x231x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0892 W/kg

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

Reference Value = 3.851 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.383 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.024 W/kg

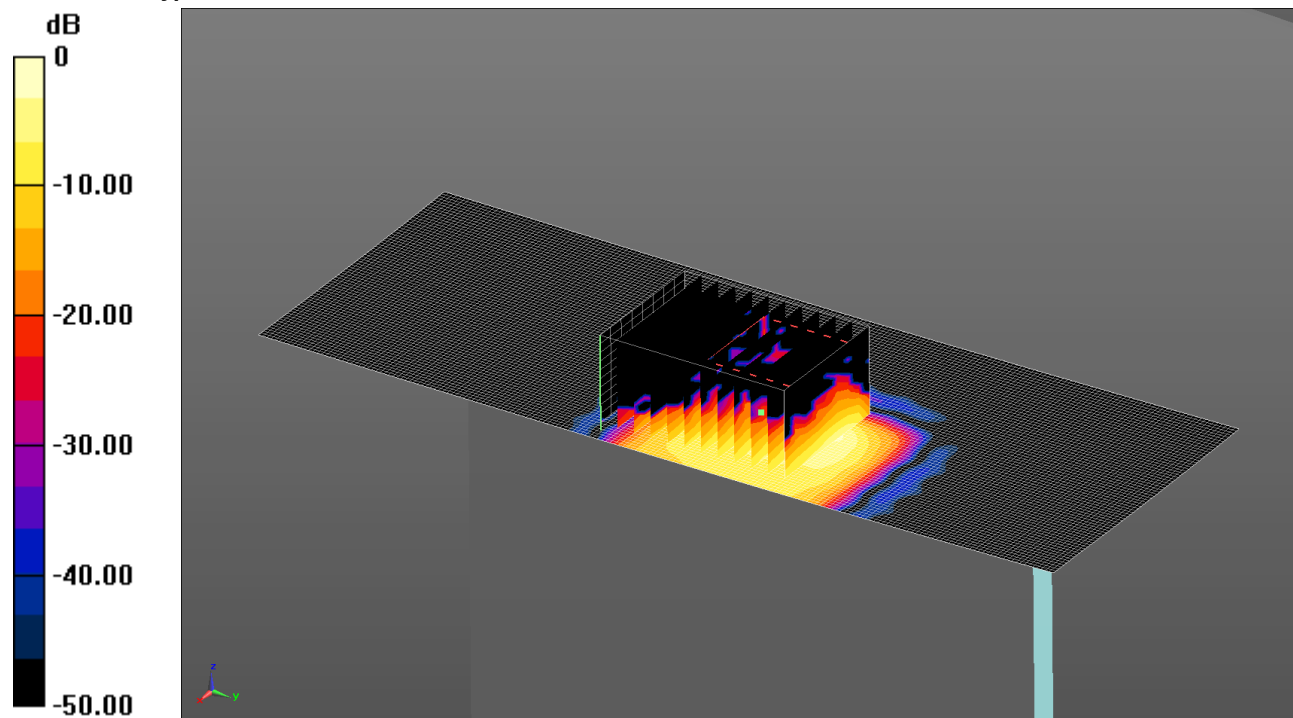
Maximum value of SAR (measured) = 0.180 W/kg

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

249: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1 6.5Mbps SISO CH116

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.842 W/kg = -0.75 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.809$ S/m; $\epsilon_r = 46.641$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x191x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.816 W/kg

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x12x12)/Cube 0:Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

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

Peak SAR (extrapolated) = 1.48 W/kg

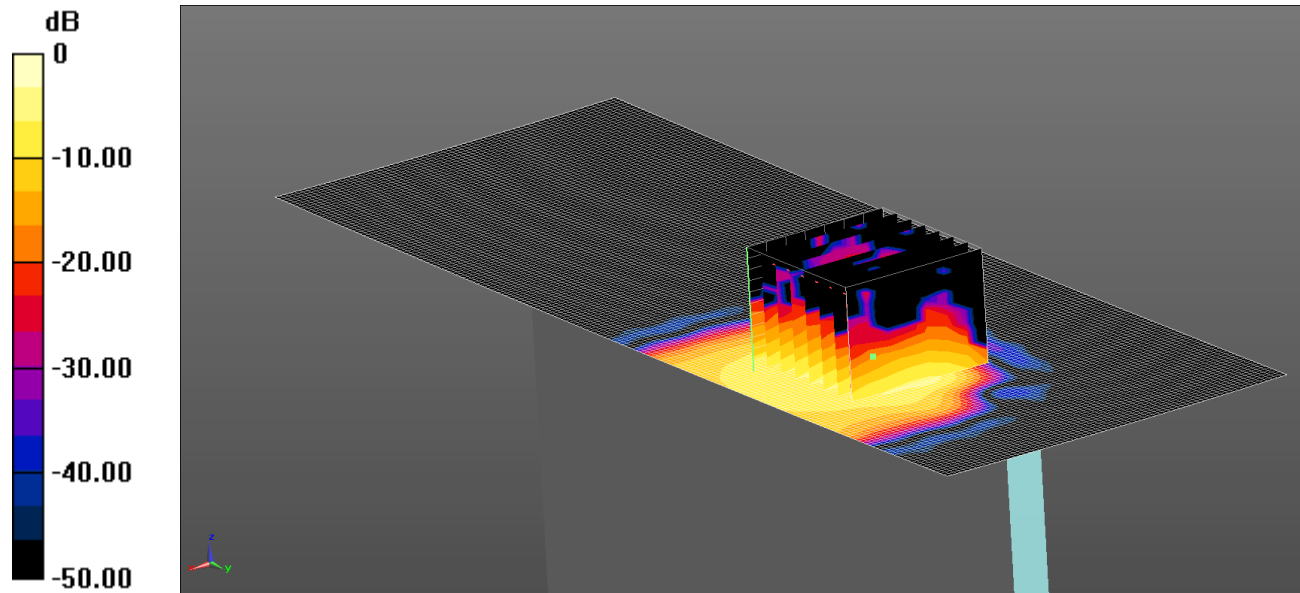
SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 0.842 W/kg

250: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1 6.5Mbps SISO CH100

Date: 12/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.919 W/kg = -0.37 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.668$ S/m; $\epsilon_r = 47.052$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0:

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

Reference Value = 10.89 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.57 W/kg

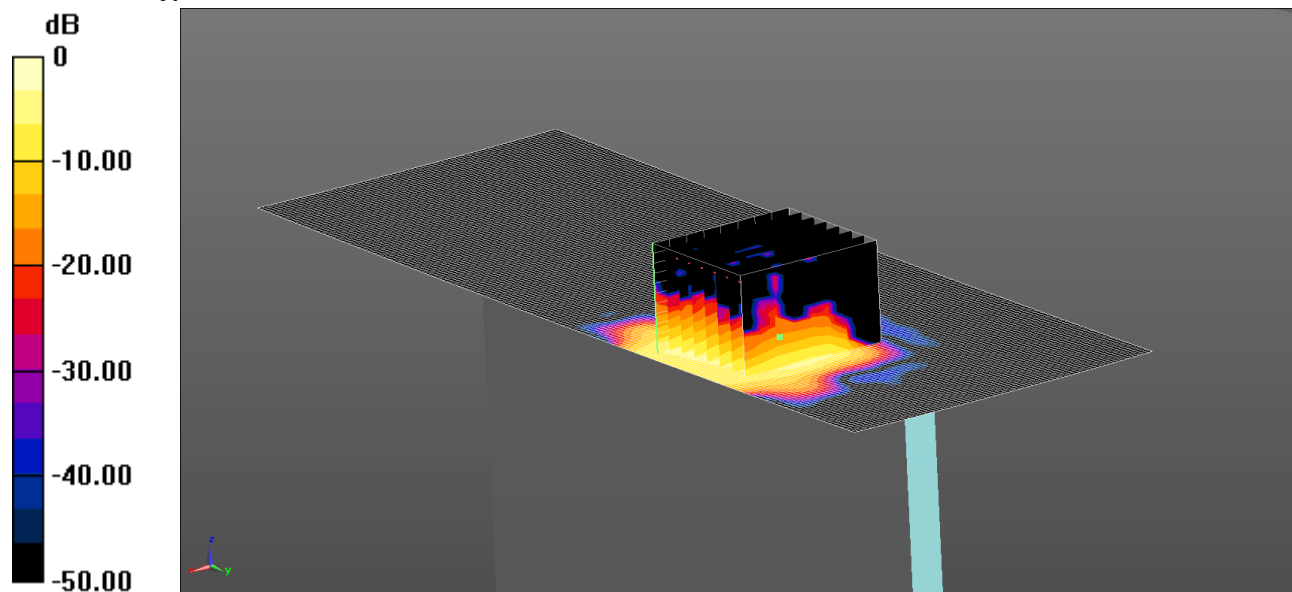
SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.919 W/kg

251: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1 6.5Mbps SISO CH140

Date: 12/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.686 W/kg = -1.64 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5700$ MHz; $\sigma = 5.992$ S/m; $\epsilon_r = 46.538$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.484 W/kg

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

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

Reference Value = 8.78 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.21 W/kg

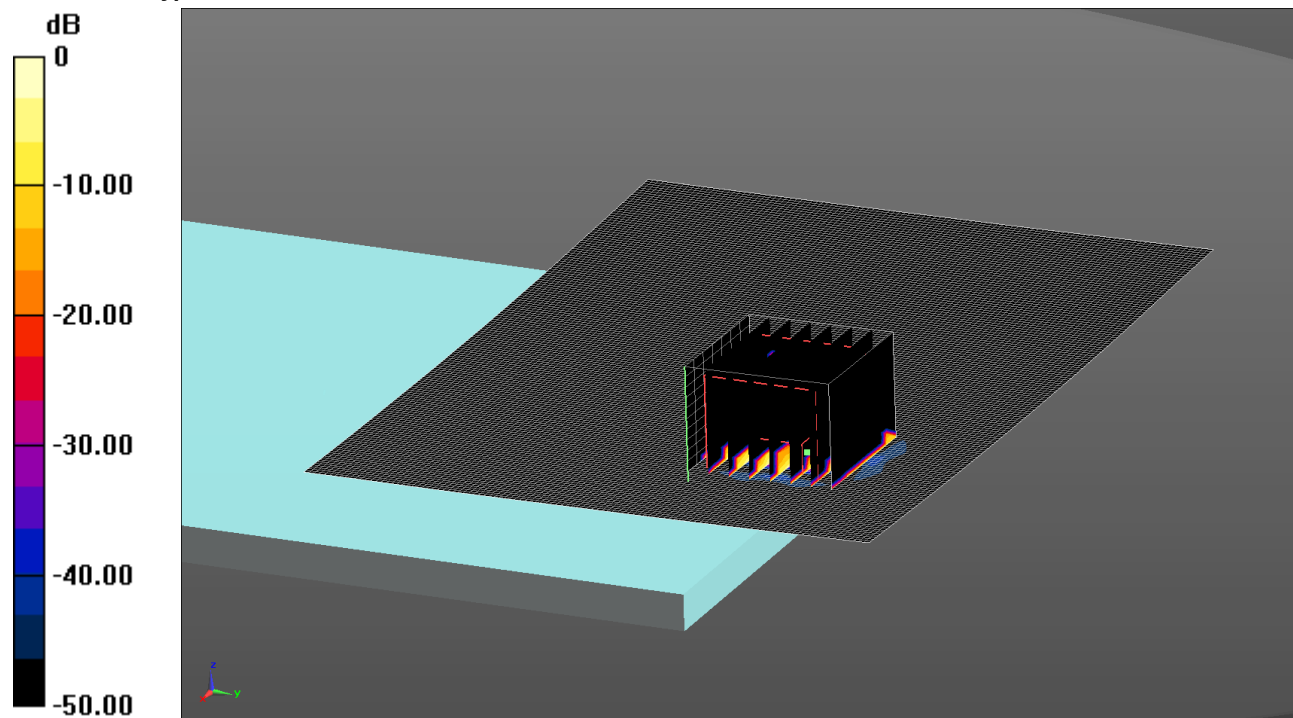
SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.121 W/kg

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

252: Back Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 2 6.5Mbps SISO CH116

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.103 W/kg = -9.87 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.809$ S/m; $\epsilon_r = 46.641$; $\rho = 1000$ 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 - Middle/Area Scan 3 (151x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0436 W/kg

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

Reference Value = 3.66 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.481 W/kg

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.016 W/kg

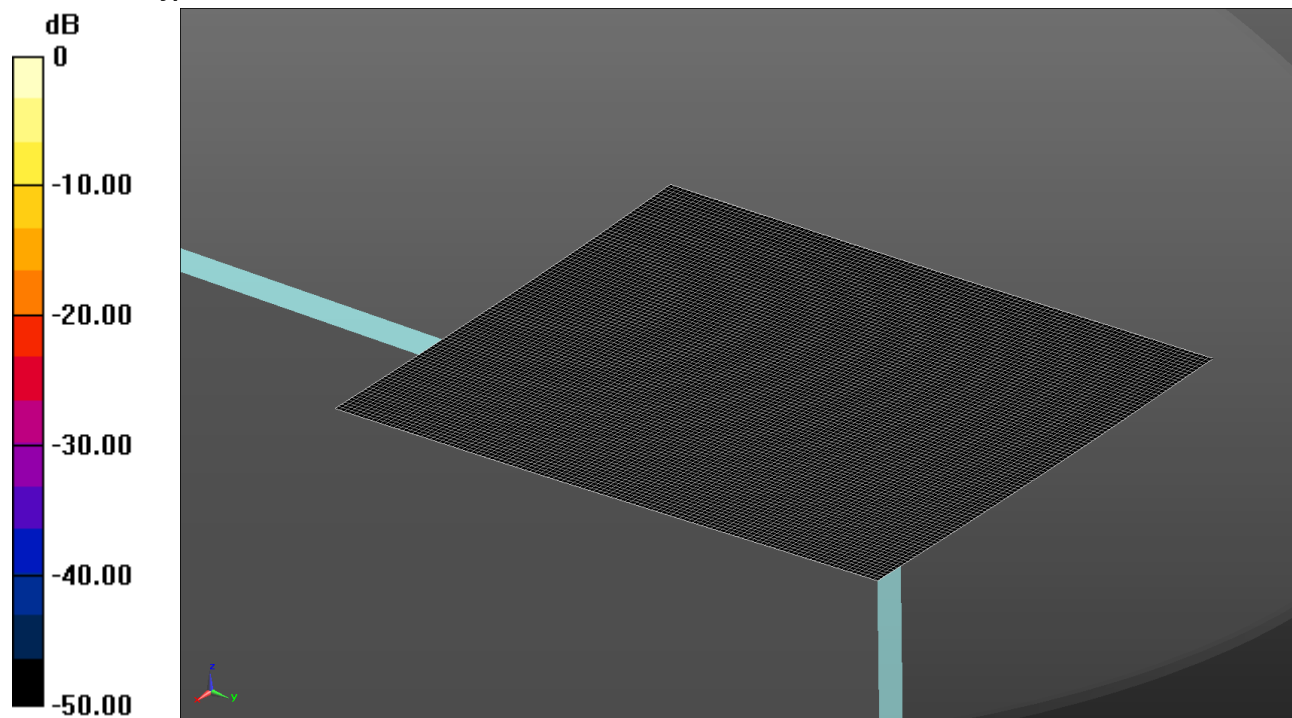
Maximum value of SAR (measured) = 0.103 W/kg

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

253: Right Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 2 6.5Mbps SISO CH116

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



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

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.809$ S/m; $\epsilon_r = 46.641$; $\rho = 1000$ 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/Right Hand Side of EUT Facing Phantom- Middle/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

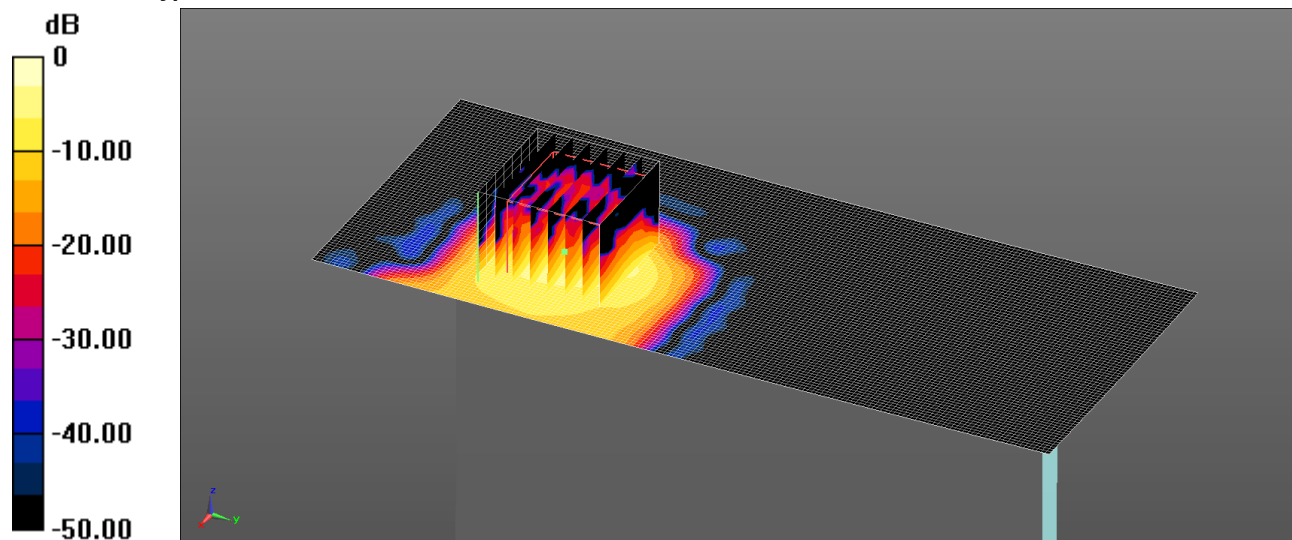
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

254: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 2 6.5Mbps SISO CH116

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 1.39 W/kg = 1.43 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.809$ S/m; $\epsilon_r = 46.641$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0:

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

Reference Value = 14.62 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.55 W/kg

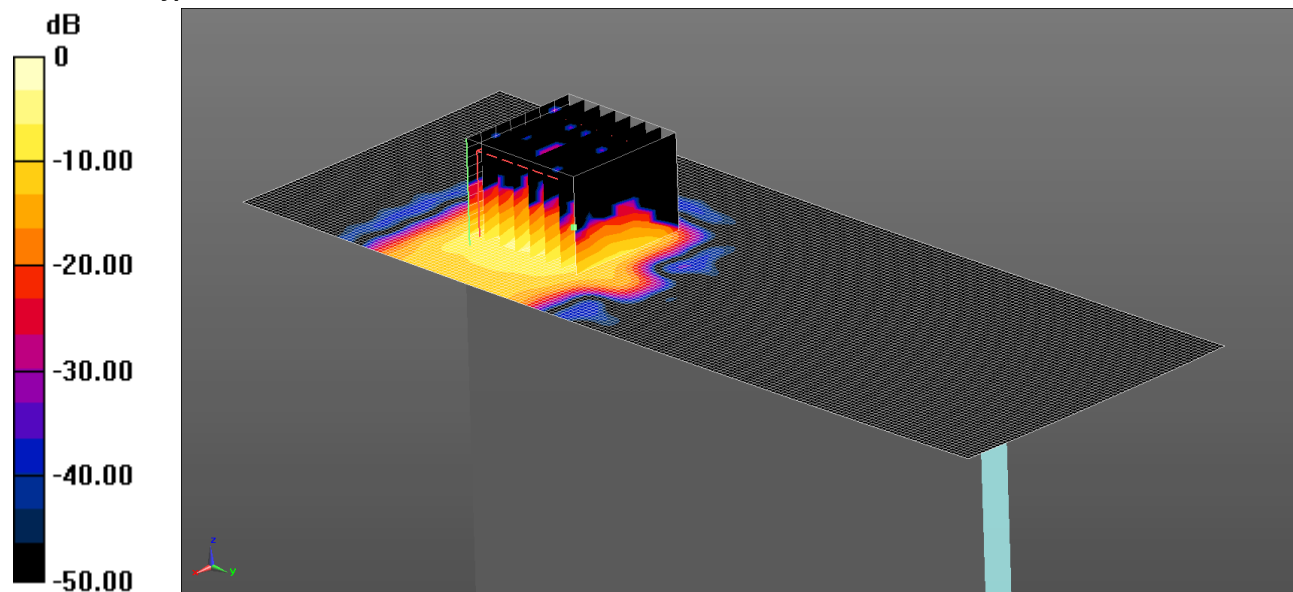
SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 1.39 W/kg

255: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 2 6.5Mbps SISO CH100

Date: 12/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.841 W/kg = -0.75 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.668$ S/m; $\epsilon_r = 47.052$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.595 W/kg

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0:

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

Reference Value = 9.87 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.40 W/kg

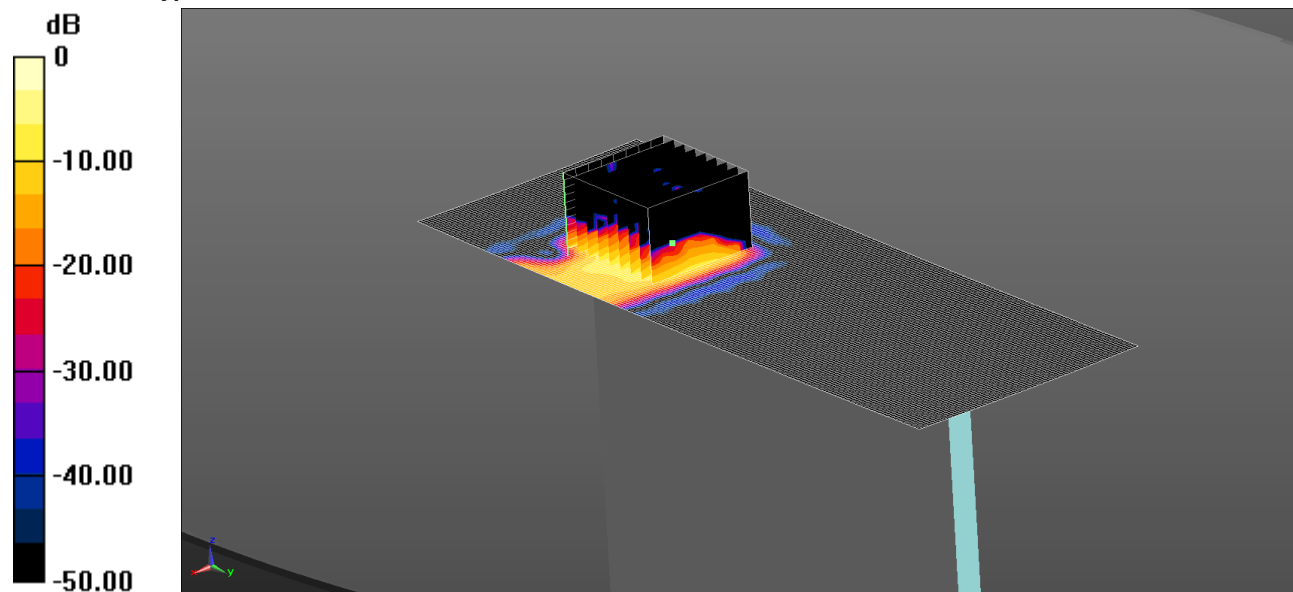
SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.841 W/kg

256: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 2 6.5Mbps SISO CH140

Date: 12/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.728 W/kg = -1.38 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5700$ MHz; $\sigma = 5.992$ S/m; $\epsilon_r = 46.538$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.584 W/kg

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

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

Reference Value = 8.75 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.57 W/kg

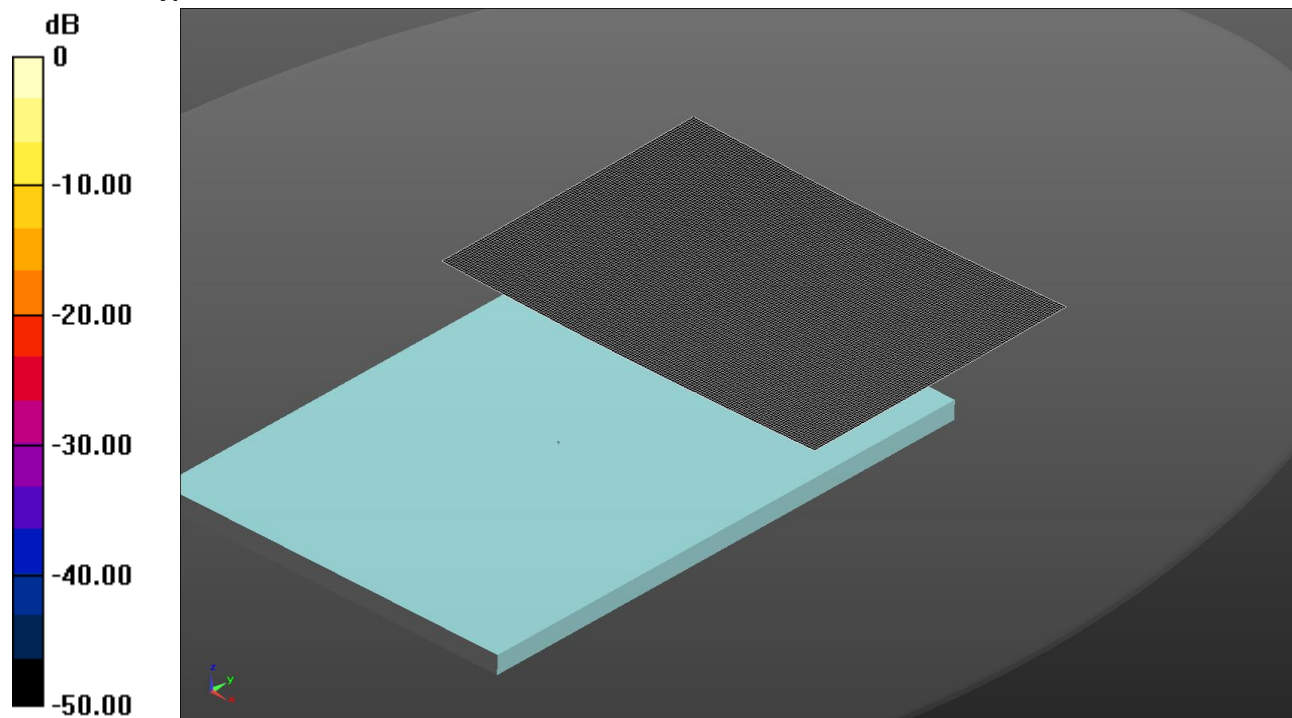
SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.728 W/kg

257: Back Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1&2 6Mbps MIMO CH116

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



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

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.928$ S/m; $\epsilon_r = 47.082$; $\rho = 1000$ 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 - Middle/Area Scan 3 (151x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

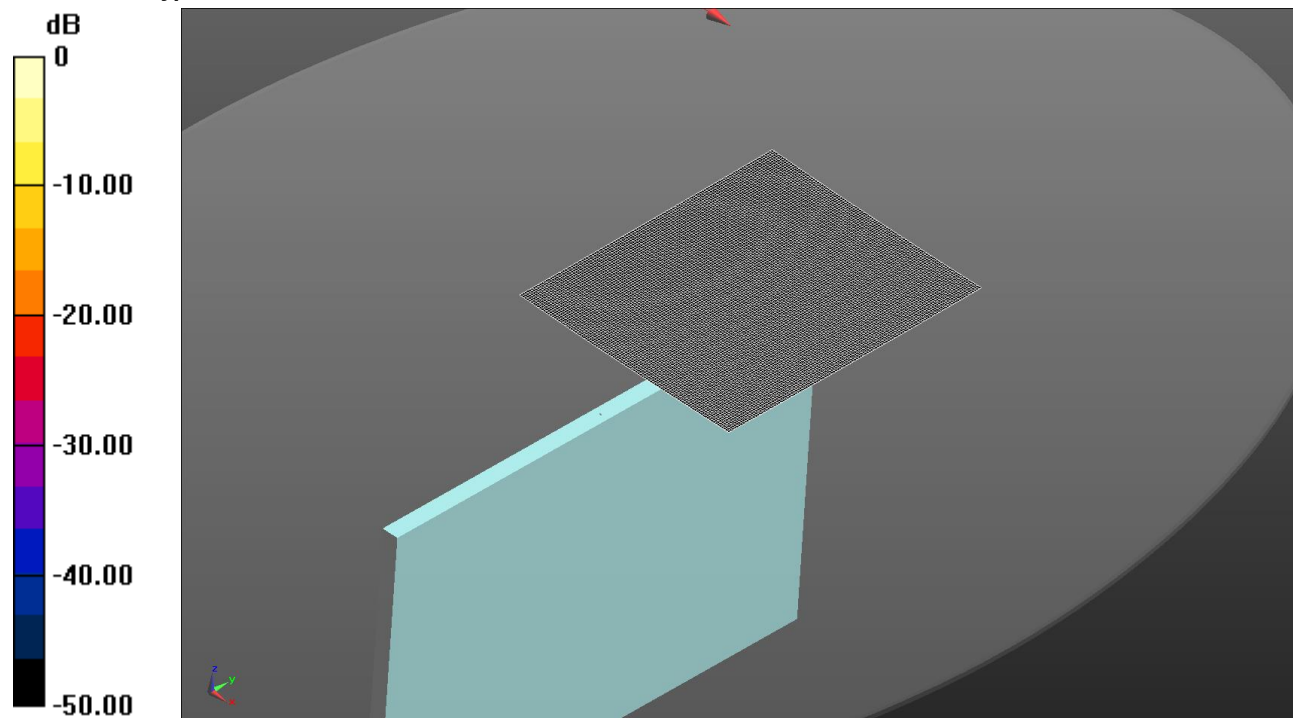
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

258: Right Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1&2 6Mbps MIMO CH116

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



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

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.928$ S/m; $\epsilon_r = 47.082$; $\rho = 1000$ 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/Right Hand Side of EUT Facing Phantom- Middle/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

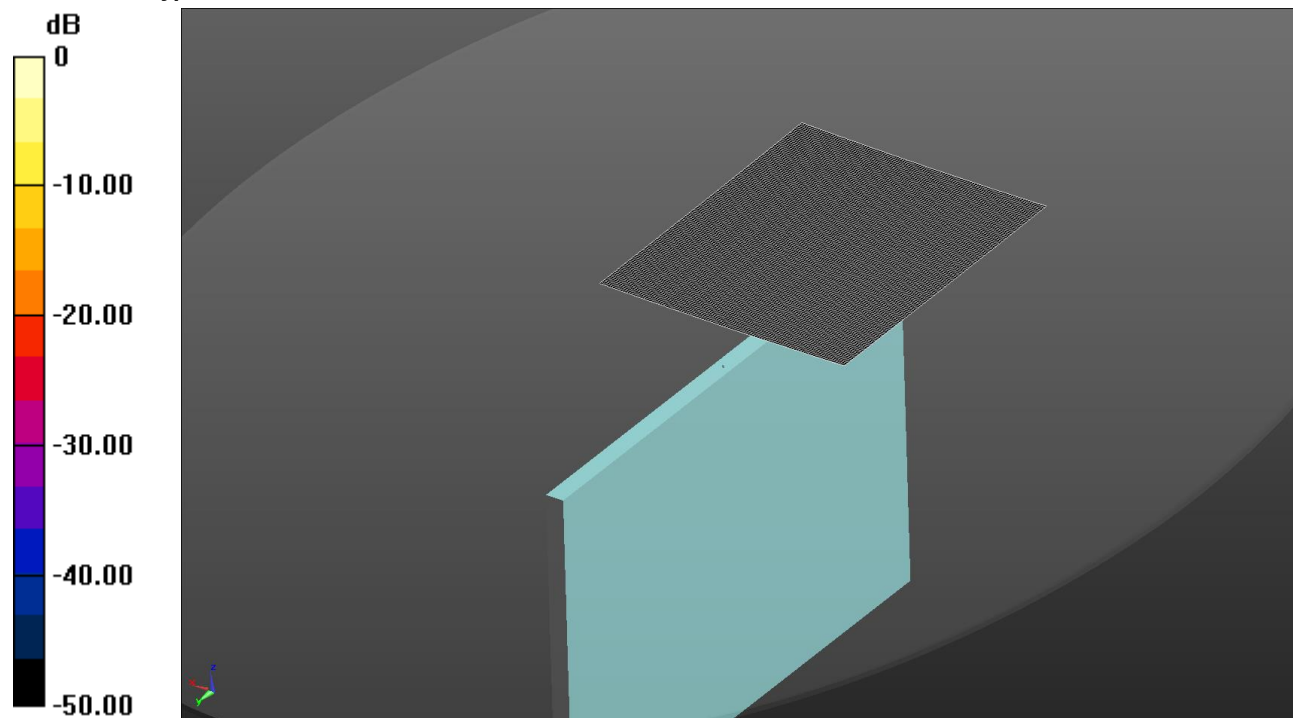
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

259: Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1&2 6Mbps MIMO CH116

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



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

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.928$ S/m; $\epsilon_r = 47.082$; $\rho = 1000$ 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/Left Hand Side of EUT Facing Phantom- Middle/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

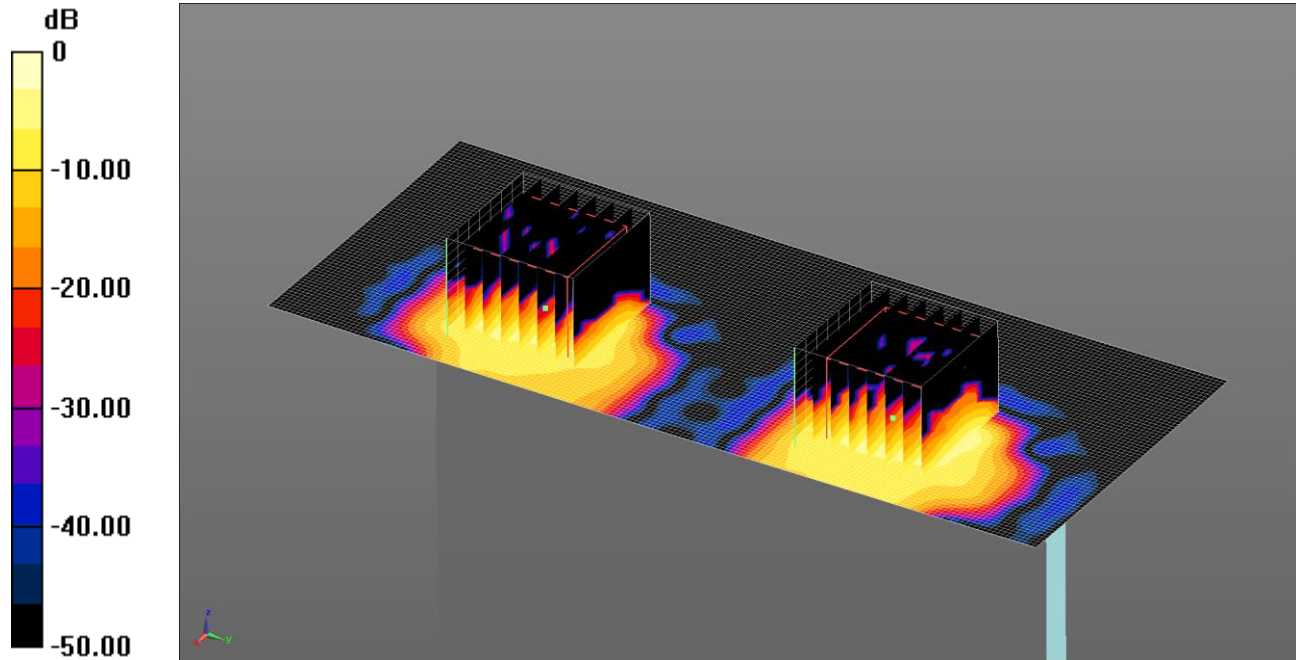
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

260: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1&2 6Mbps MIMO CH116

Date: 06/08/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.700 W/kg = -1.55 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.809$ S/m; $\epsilon_r = 46.641$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.74, 3.74, 3.74); Calibrated: 24/09/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/05/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x171x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.764 W/kg

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

Reference Value = 8.78 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.119 W/kg

Maximum value of SAR (measured) = 0.781 W/kg

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 1:Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 8.78 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.21 W/kg

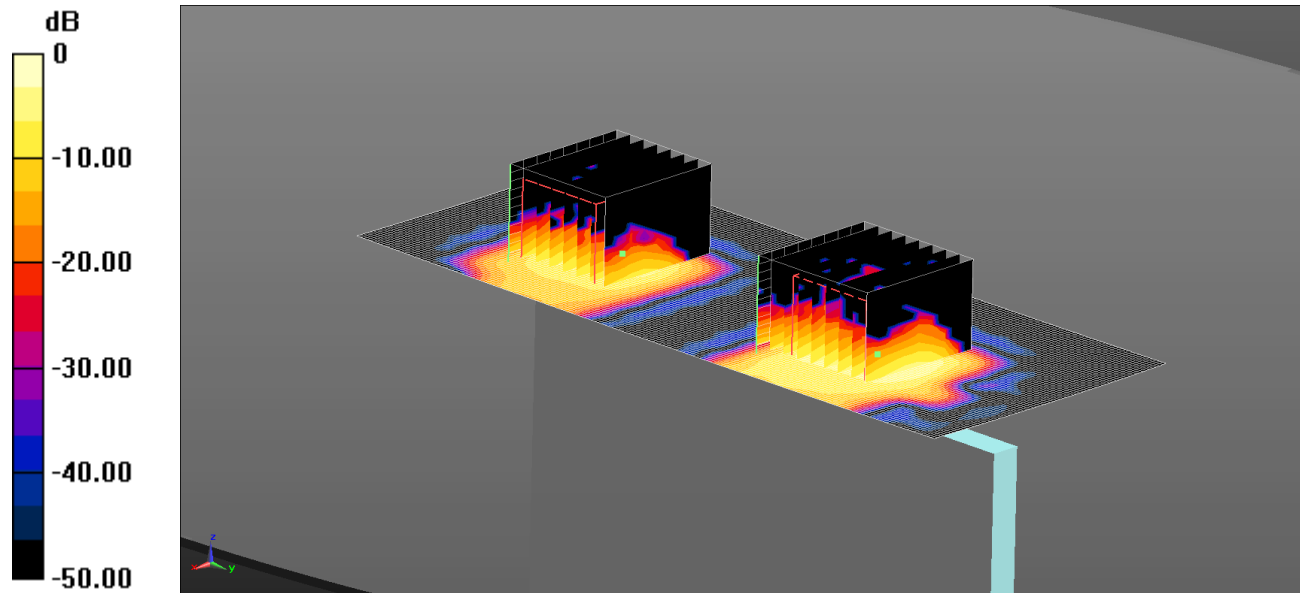
SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.700 W/kg

261: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1&2 6Mbps MIMO CH100

Date: 12/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.787 W/kg = -1.04 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.668$ S/m; $\epsilon_r = 47.052$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.580 W/kg

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

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

Reference Value = 9.960 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.683 W/kg

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

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

Reference Value = 9.960 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.25 W/kg

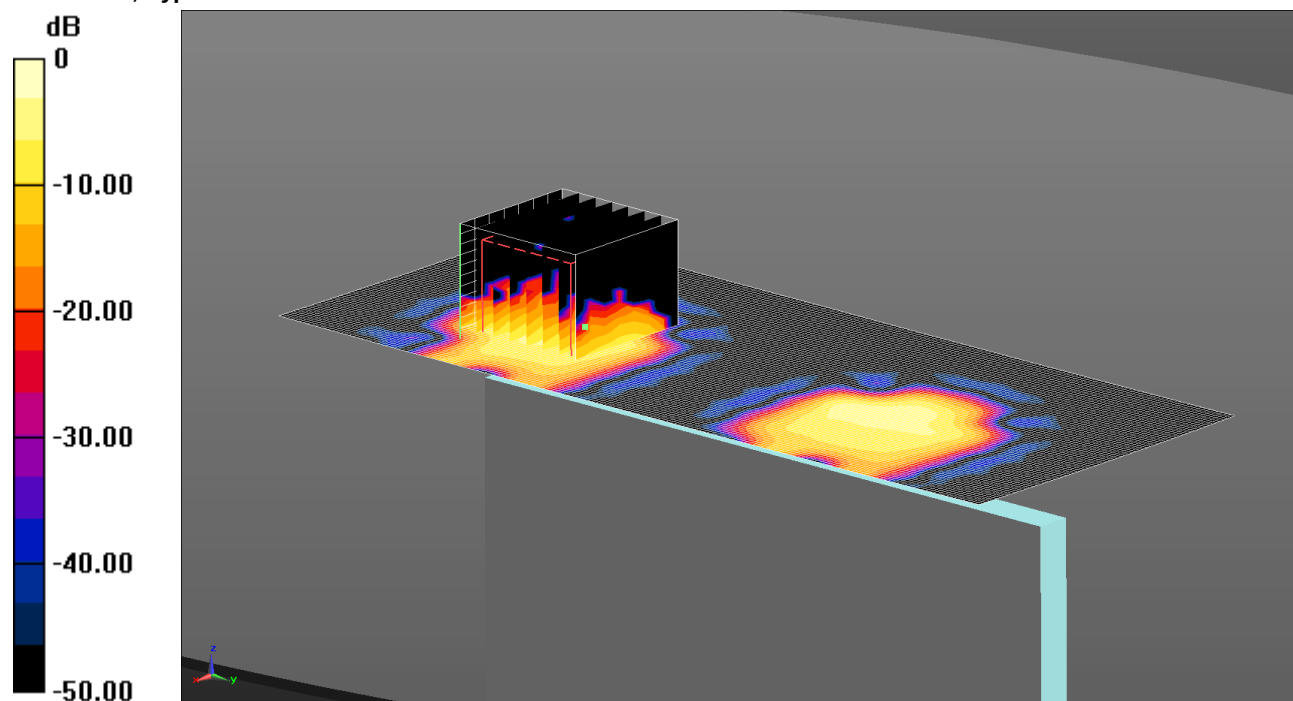
SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.787 W/kg

262: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT20 Ant 1&2 6Mbps MIMO CH140

Date: 12/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.561 W/kg = -2.51 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5700$ MHz; $\sigma = 5.992$ S/m; $\epsilon_r = 46.538$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x171x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.416 W/kg

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

Reference Value = 5.039 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.966 W/kg

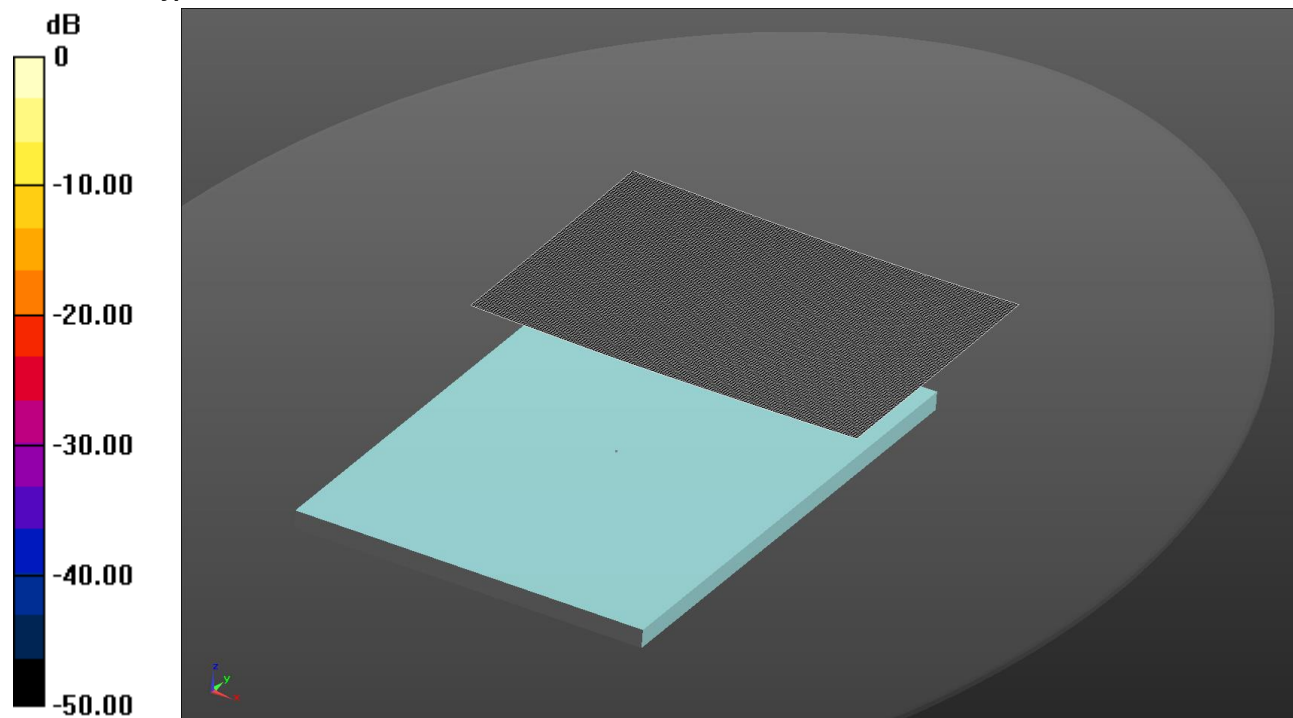
SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.561 W/kg

263: Back Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1 13.5Mbps SISO CH134

Date/: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0 W/kg = -999.00 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; $\sigma = 5.926$ S/m; $\epsilon_r = 46.406$; $\rho = 1000$ 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 - Middle/Area Scan 3 (151x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

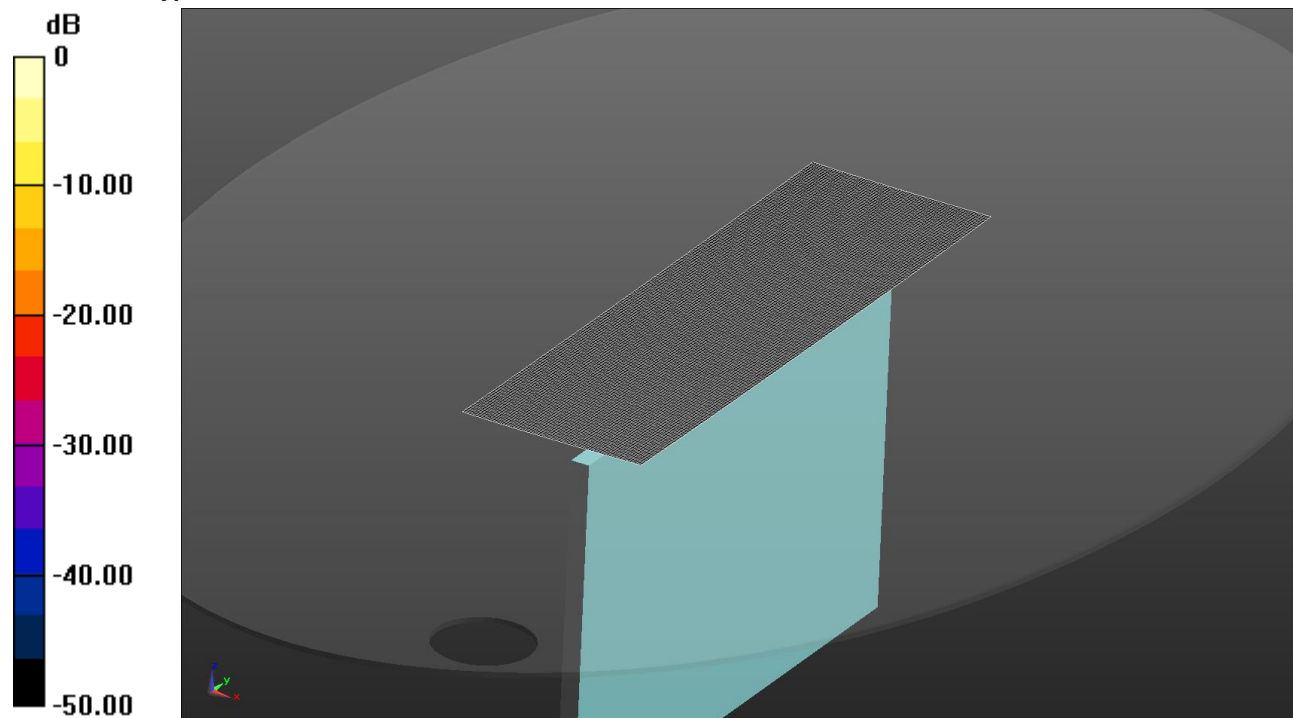
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

264: Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1 13.5Mbps SISO CH134

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0 W/kg = -999.00 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; $\sigma = 5.926$ S/m; $\epsilon_r = 46.406$; $\rho = 1000$ 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/Left Hand Side of EUT Facing Phantom- Middle/Area Scan (71x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

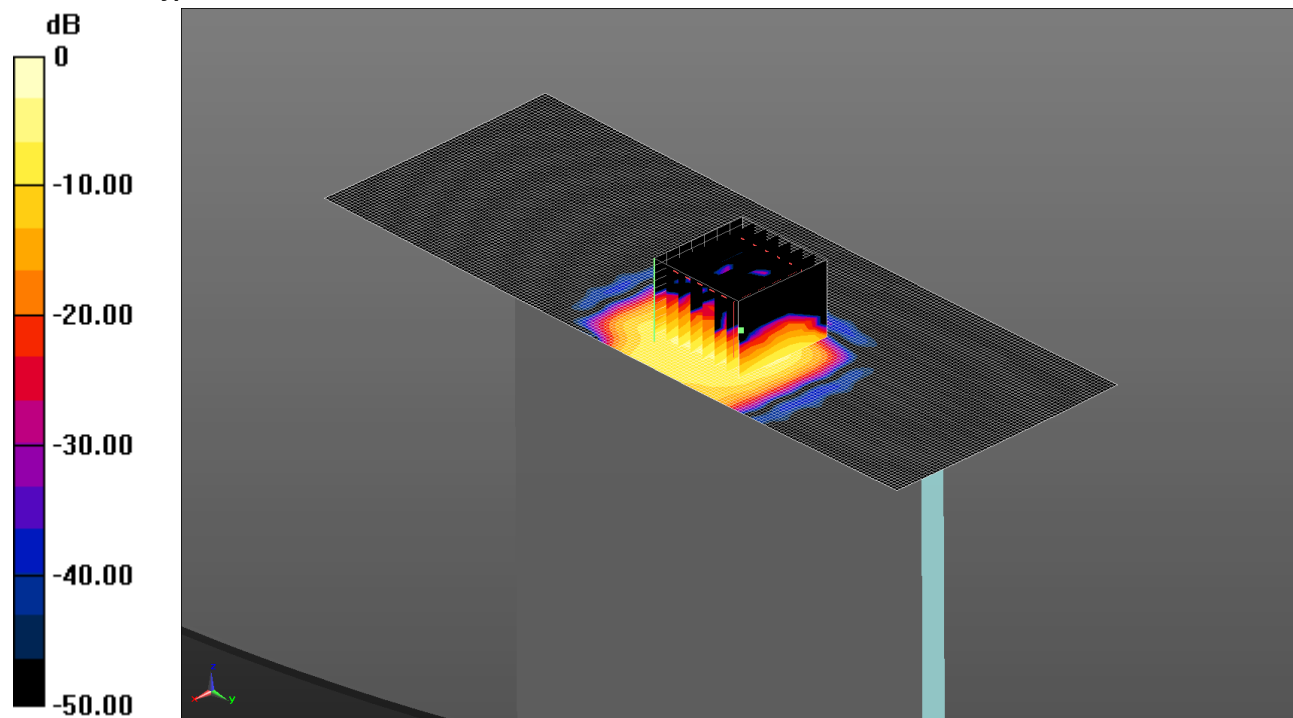
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

265: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1 13.5Mbps SISO CH134

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.914 W/kg = -0.39 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; $\sigma = 5.926$ S/m; $\epsilon_r = 46.406$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.874 W/kg

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0:

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

Reference Value = 9.680 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.74 W/kg

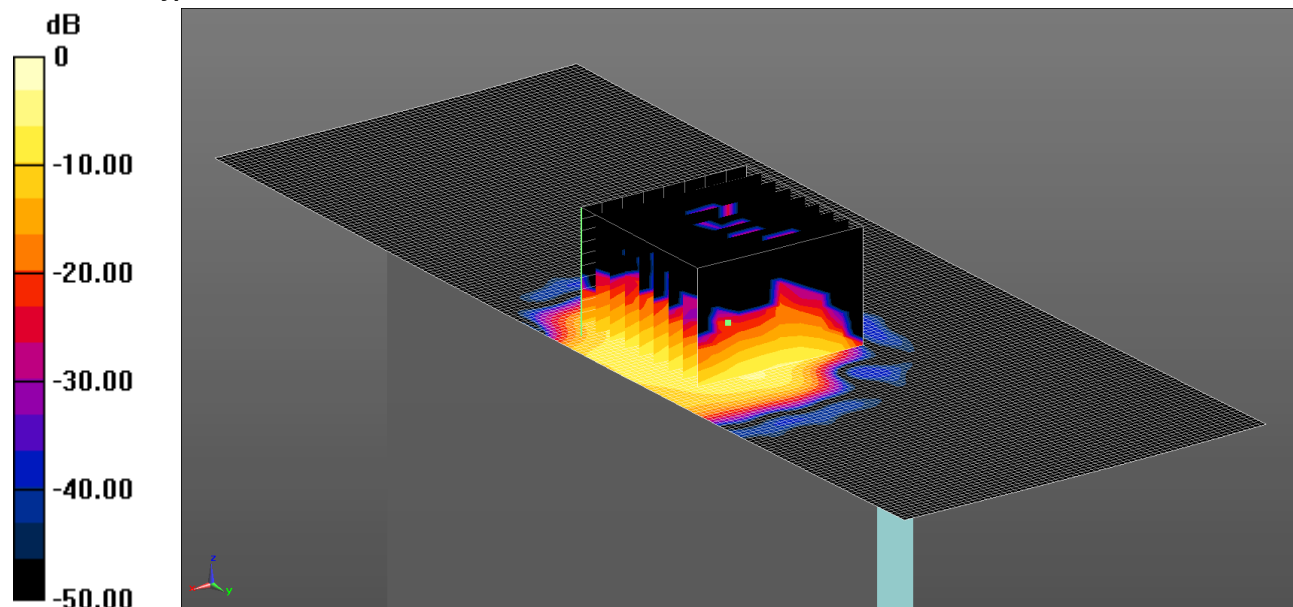
SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.161 W/kg

Maximum value of SAR (measured) = 0.914 W/kg

266: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1 13.5Mbps SISO CH102

Date: 13/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.785 W/kg = -1.05 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5510 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5510$ MHz; $\sigma = 5.684$ S/m; $\epsilon_r = 47.014$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x191x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.763 W/kg

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x9x12)/Cube 0:Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 4.715 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 2.04 W/kg

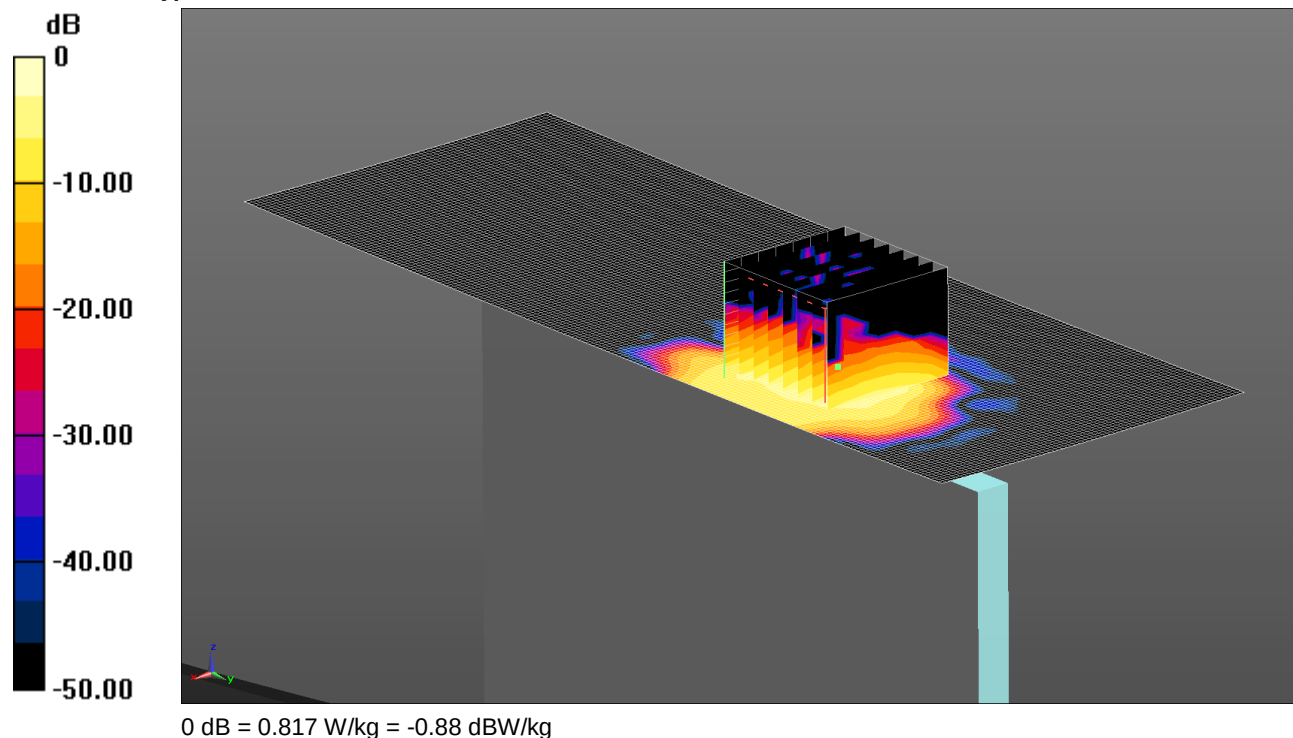
SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.785 W/kg

267: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1 13.5Mbps SISO CH110

Date: 13/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.817 W/kg = -0.88 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5550 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5550$ MHz; $\sigma = 5.748$ S/m; $\epsilon_r = 46.861$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 2 (8x8x12)/Cube 0:

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

Reference Value = 7.637 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.37 W/kg

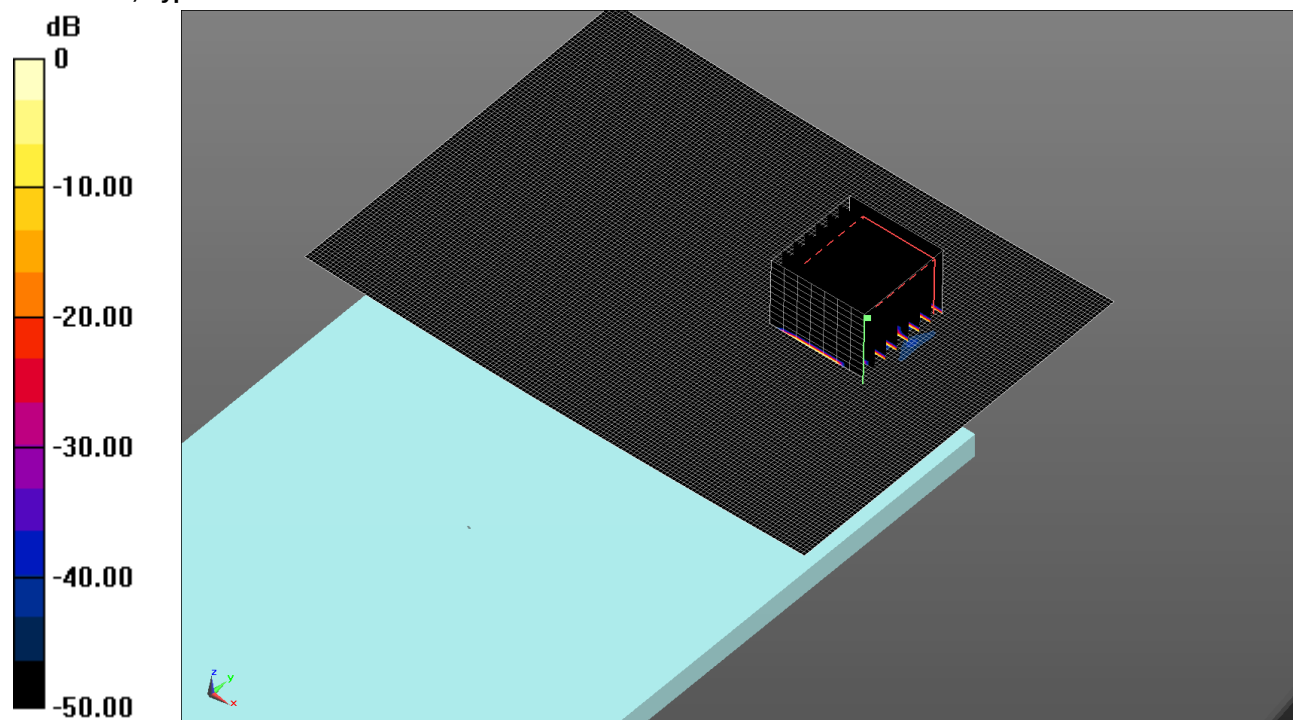
SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 0.817 W/kg

268: Back Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 2 13.5Mbps SISO CH134

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.0781 W/kg = -11.07 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; $\sigma = 5.926$ S/m; $\epsilon_r = 46.406$; $\rho = 1000$ 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 - Middle/Area Scan 3 (151x111x1):**
- Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0283 W/kg

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

Reference Value = 1.80 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.670 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.017 W/kg

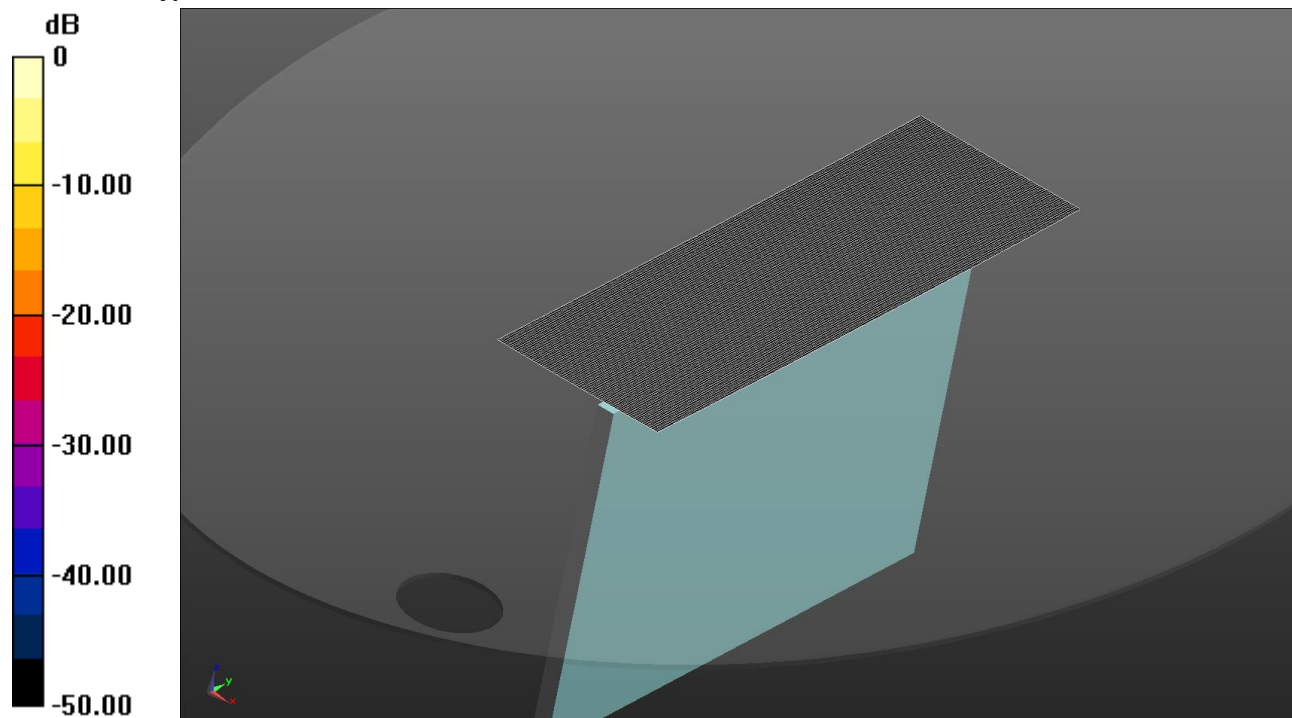
Maximum value of SAR (measured) = 0.0781 W/kg

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

269: Right Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 2 13.5Mbps SISO CH134

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0 W/kg = -999.00 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; $\sigma = 5.926$ S/m; $\epsilon_r = 46.406$; $\rho = 1000$ 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/Right Hand Side of EUT Facing Phantom- Middle/Area Scan (71x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

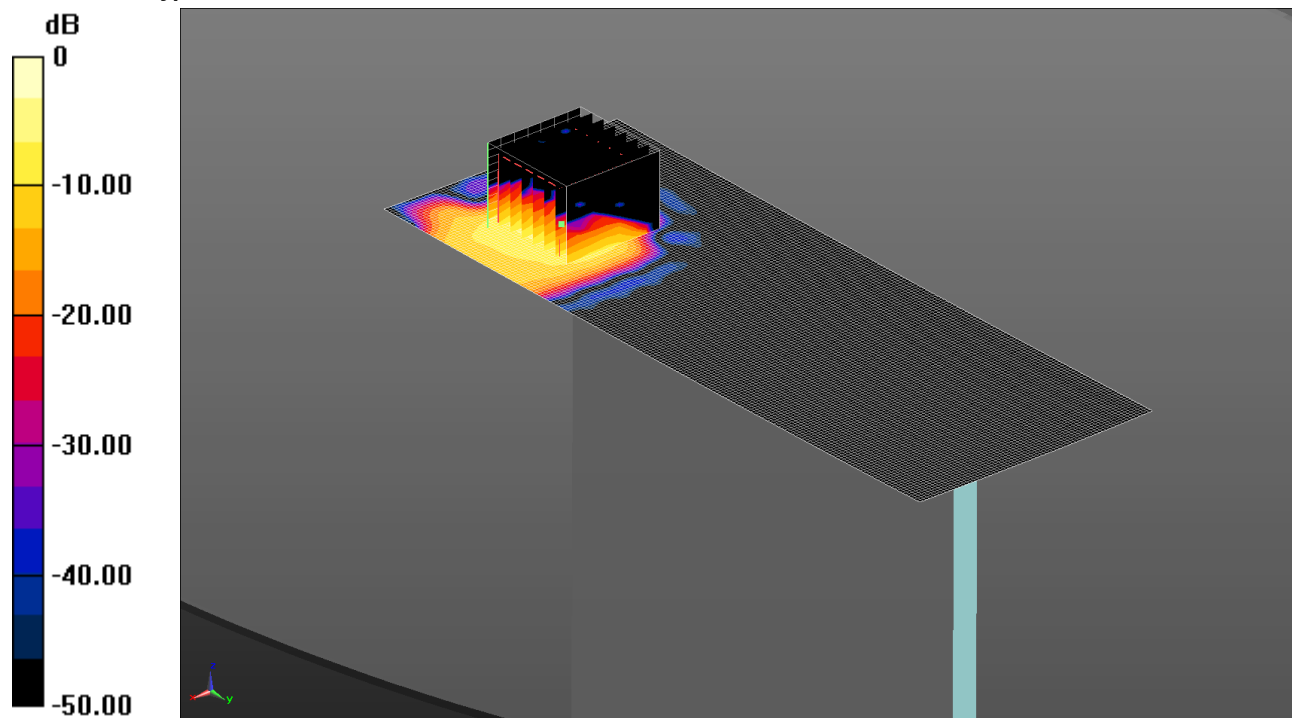
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

270: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 2 13.5Mbps SISO CH134

Date: 6/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 1.16 W/kg = 0.64 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; $\sigma = 5.926$ S/m; $\epsilon_r = 46.406$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.804 W/kg

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0:

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

Reference Value = 11.89 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.00 W/kg

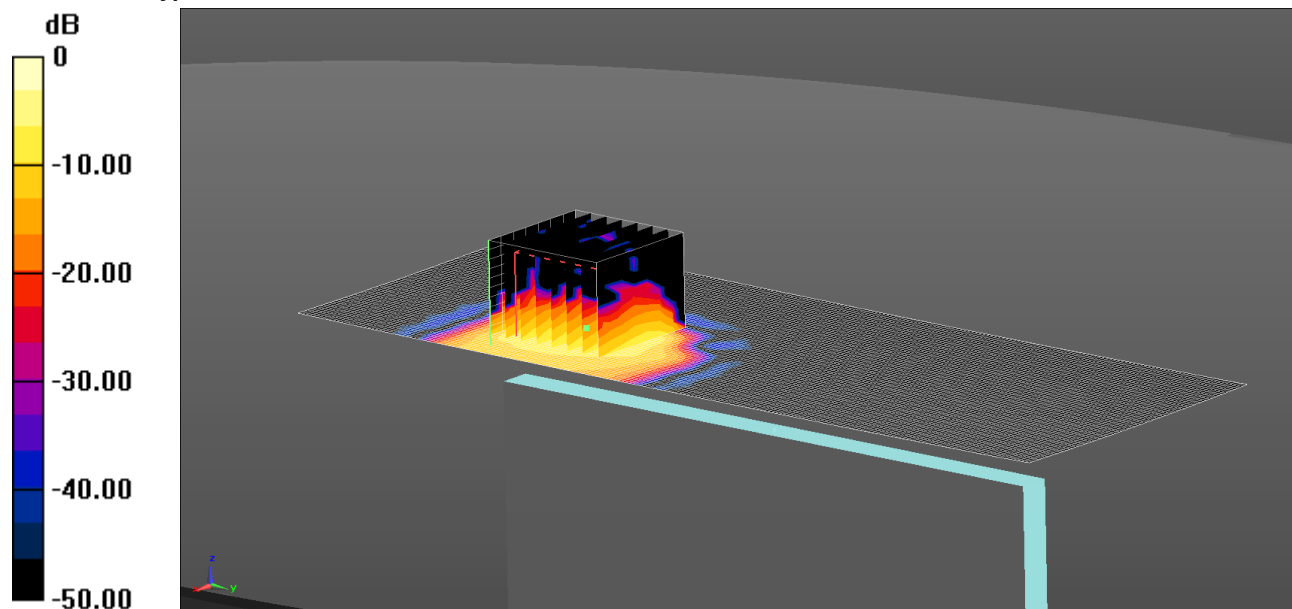
SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 1.16 W/kg

271: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 2 13.5Mbps SISO CH102

Date: 15/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 1.00 W/kg = 0.00 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5510 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5510$ MHz; $\sigma = 5.702$ S/m; $\epsilon_r = 46.923$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x191x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.11 W/kg

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

Reference Value = 12.79 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.66 W/kg

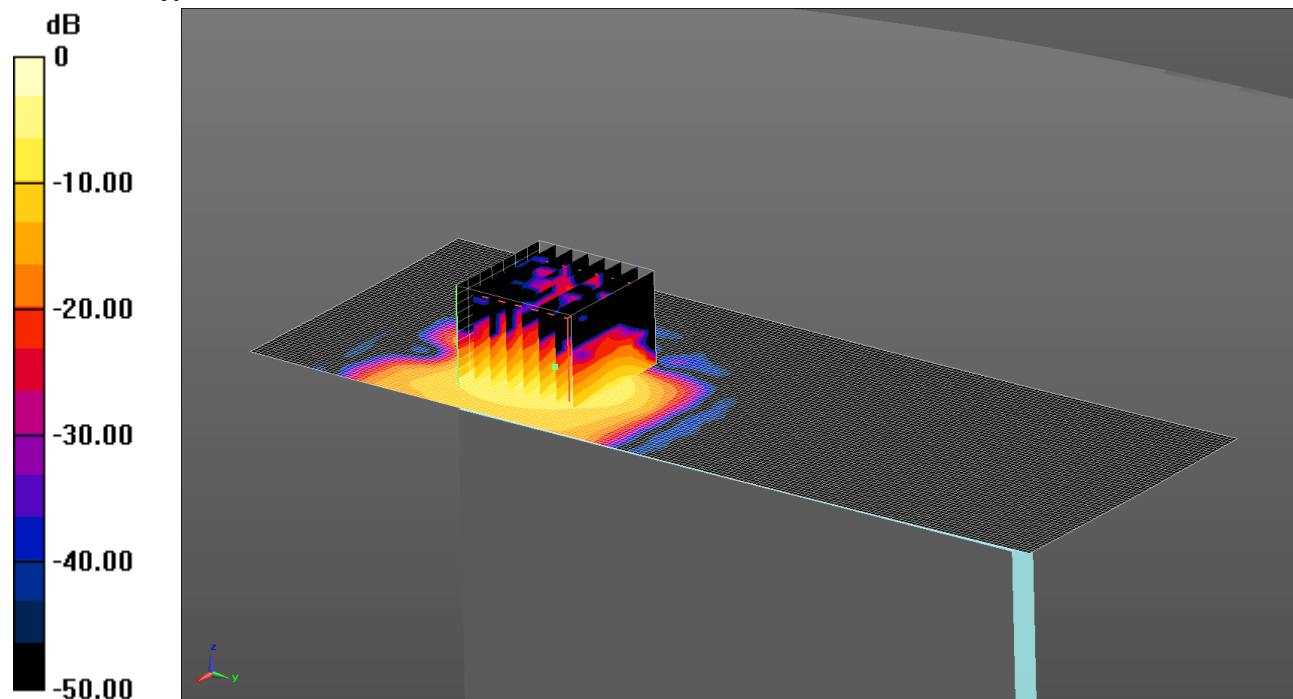
SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 1.00 W/kg

272: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 2 13.5Mbps SISO CH110

Date: 15/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 1.38 W/kg = 1.40 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5550 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5550$ MHz; $\sigma = 5.755$ S/m; $\epsilon_r = 46.864$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x191x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.12 W/kg

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

Reference Value = 17.50 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.46 W/kg

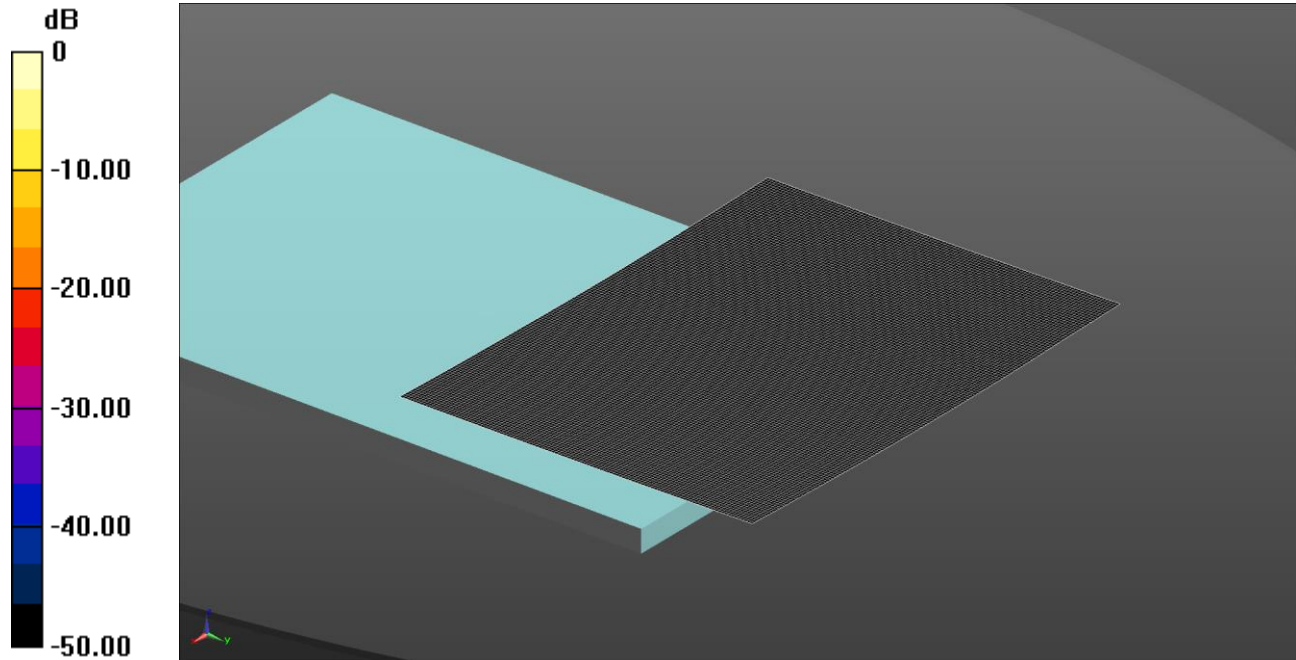
SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.222 W/kg

Maximum value of SAR (measured) = 1.38 W/kg

273: Back Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant1& 2 13.5Mbps MIMO CH134

Date: 06/08/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0 W/kg = -999.00 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; $\sigma = 5.934$ S/m; $\epsilon_r = 46.672$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.74, 3.74, 3.74); Calibrated: 24/09/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/05/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Back of EUT Facing Phantom - Middle/Area Scan 3 (151x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

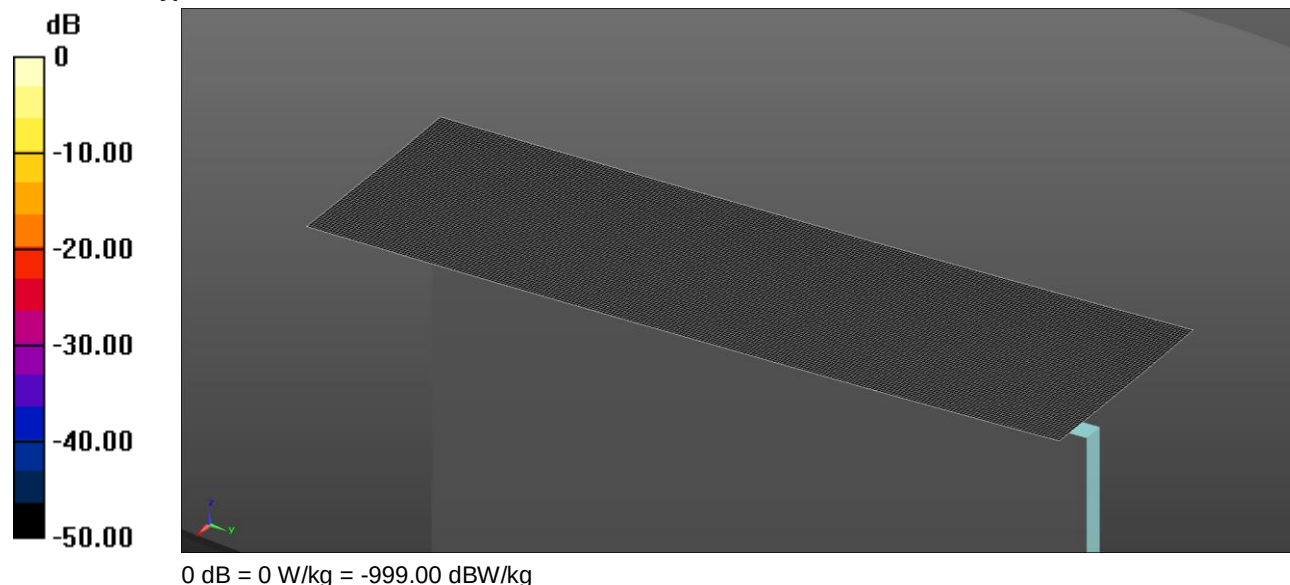
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

274: Right Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1&2 13.5Mbps MIMO CH134

Date: 06/08/2014

DUT: A1600; Type: FCC ID: BCGA1600



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; $\sigma = 5.934$ S/m; $\epsilon_r = 46.672$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.74, 3.74, 3.74); Calibrated: 24/09/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/05/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Right Hand Side of EUT Facing Phantom- Middle/Area Scan (71x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

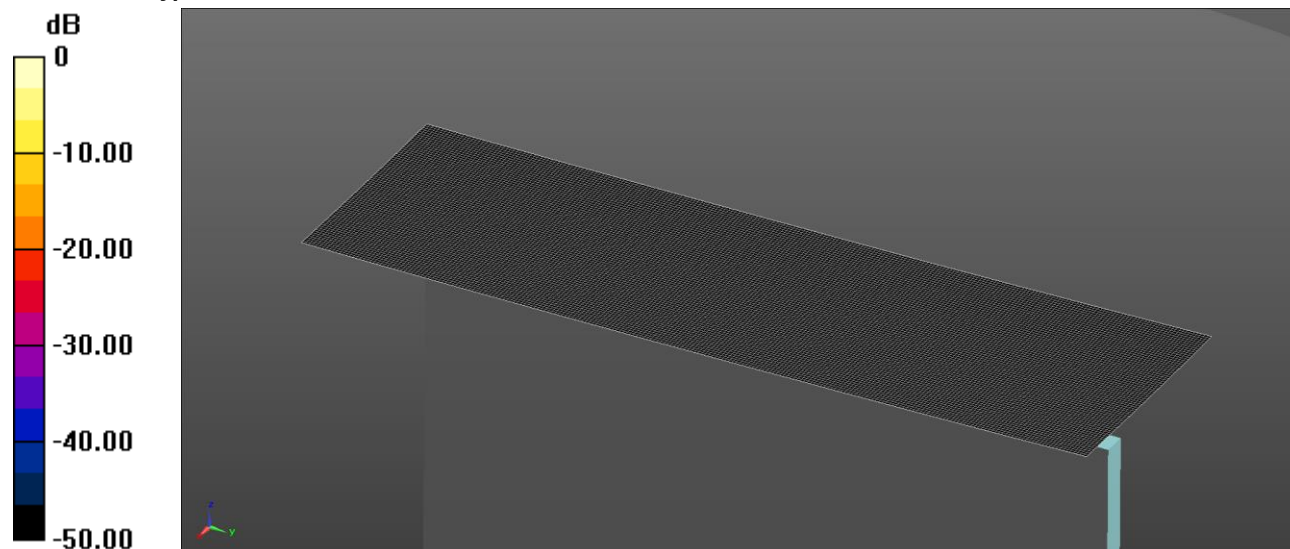
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

275: Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1&2 13.5Mbps MIMO CH134

Date: 06/08/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0 W/kg = -999.00 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; $\sigma = 5.934$ S/m; $\epsilon_r = 46.672$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.74, 3.74, 3.74); Calibrated: 24/09/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/05/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Left Hand Side of EUT Facing Phantom- Middle/Area Scan (71x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

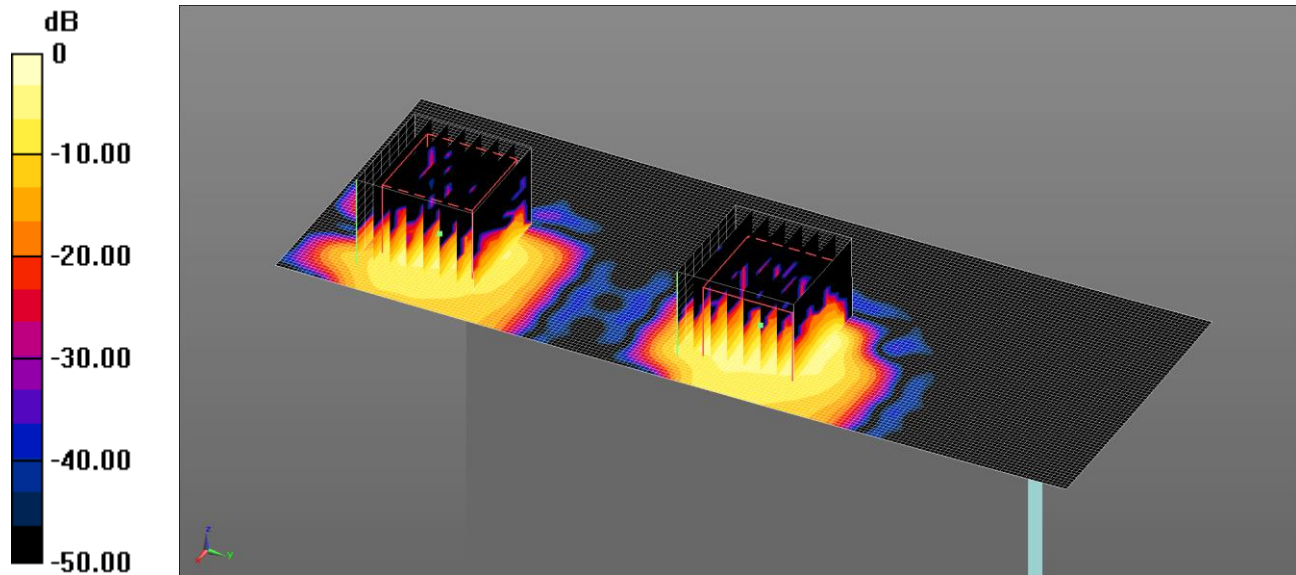
Maximum value of SAR (interpolated) = 0 W/kg

Note: SAR level measured is very low as equivalent to noise floor on Area Scan, hence the Zoom was not evaluated by DASY.

276: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1&2 13.5Mbps MIMO CH134

Date: 06/08/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.687 W/kg = -1.63 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; $\sigma = 5.926$ S/m; $\epsilon_r = 46.406$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.74, 3.74, 3.74); Calibrated: 24/09/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/05/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.672 W/kg

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0:

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

Reference Value = 8.560 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.802 W/kg

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 1:

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

Reference Value = 8.560 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.76 W/kg

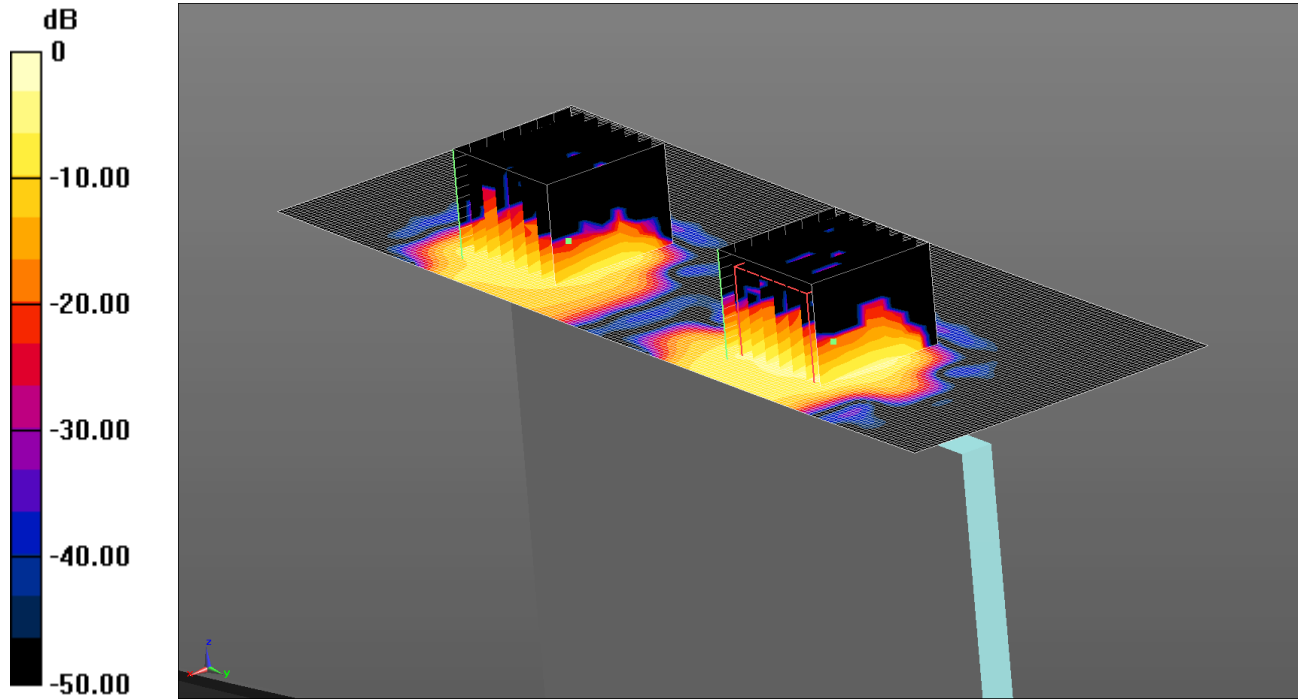
SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.687 W/kg

277: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1&2 13.5Mbps MIMO CH102

Date: 15/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.680 W/kg = -1.67 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5510 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5510$ MHz; $\sigma = 5.702$ S/m; $\epsilon_r = 46.923$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.851 W/kg

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

Reference Value = 11.28 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.801 W/kg

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.28 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.08 W/kg

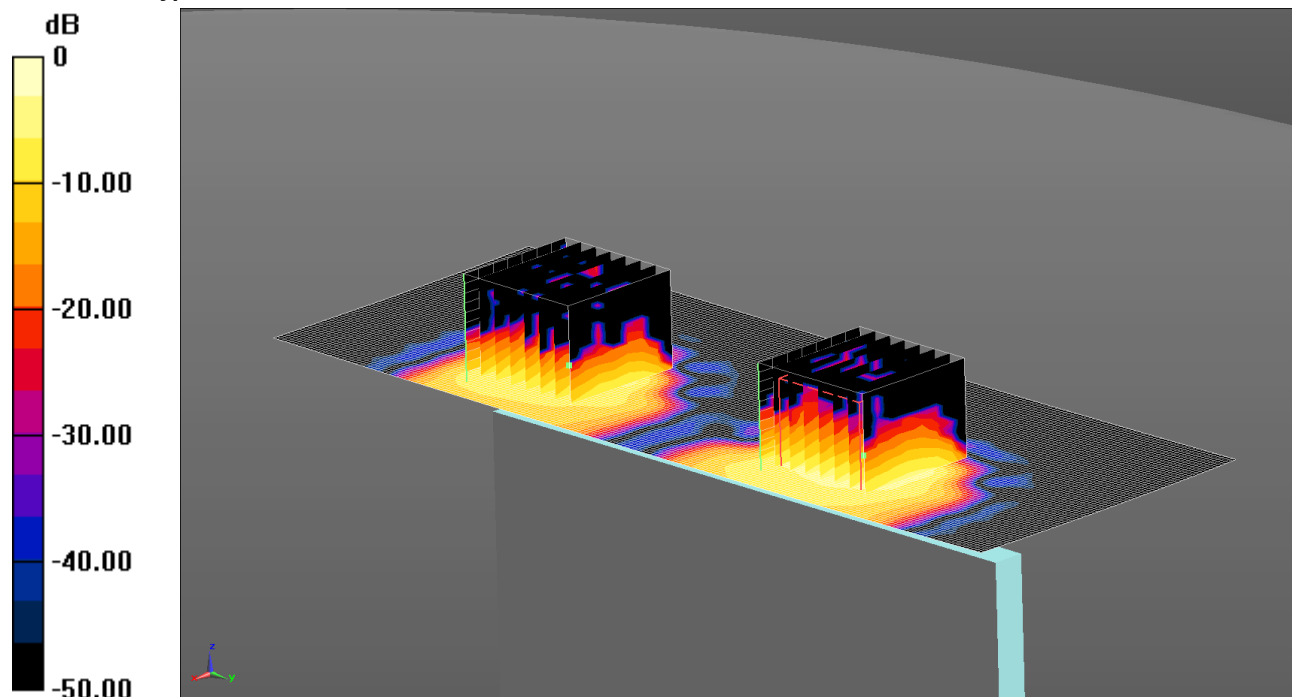
SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.680 W/kg

278: Bottom Of EUT Facing Phantom Wi-Fi 802.11n HT40 Ant 1&2 13.5Mbps MIMO CH110

Date: 15/8/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.942 W/kg = -0.26 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5550 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5550$ MHz; $\sigma = 5.755$ S/m; $\epsilon_r = 46.864$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle/Area Scan 2 3 (71x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0:

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

Reference Value = 13.59 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.165 W/kg

Maximum value of SAR (measured) = 1.13 W/kg

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 1:

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

Reference Value = 13.59 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.58 W/kg

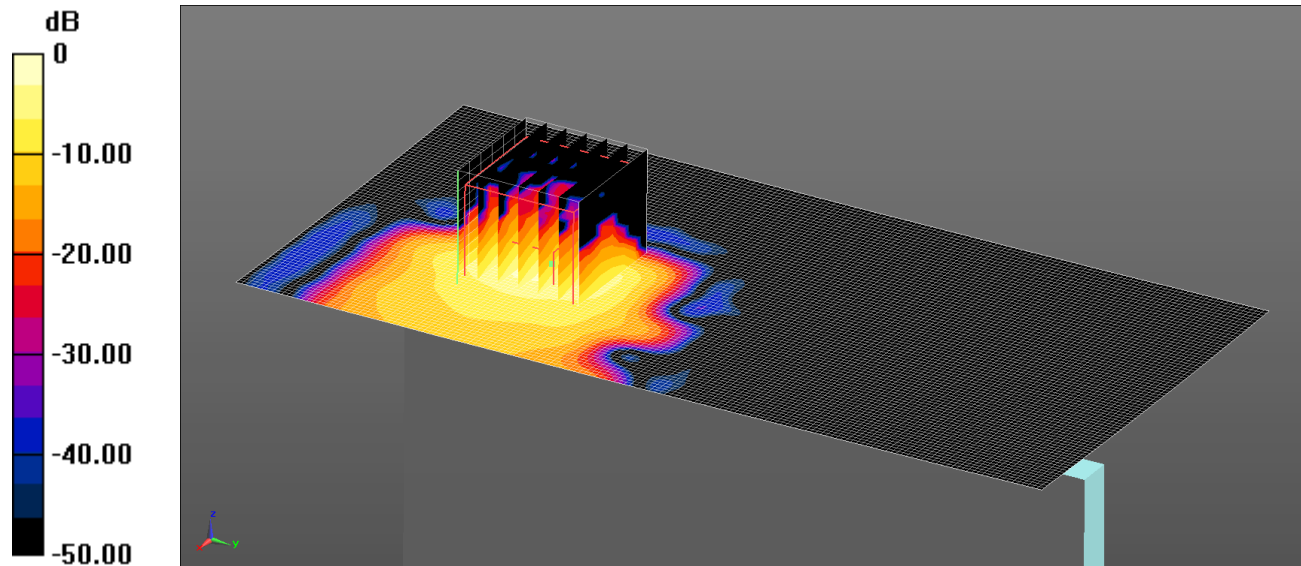
SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.171 W/kg

Maximum value of SAR (measured) = 0.942 W/kg

279: Bottom Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps Ant2 SISO CH116 Variant 2

Date: 4/9/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 1.32 W/kg = 1.21 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.742$ S/m; $\epsilon_r = 48.577$; $\rho = 1000$ 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/Bottom of EUT Facing Phantom - Middle 2/Area Scan 2 (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.936 W/kg

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

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

Reference Value = 14.94 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.40 W/kg

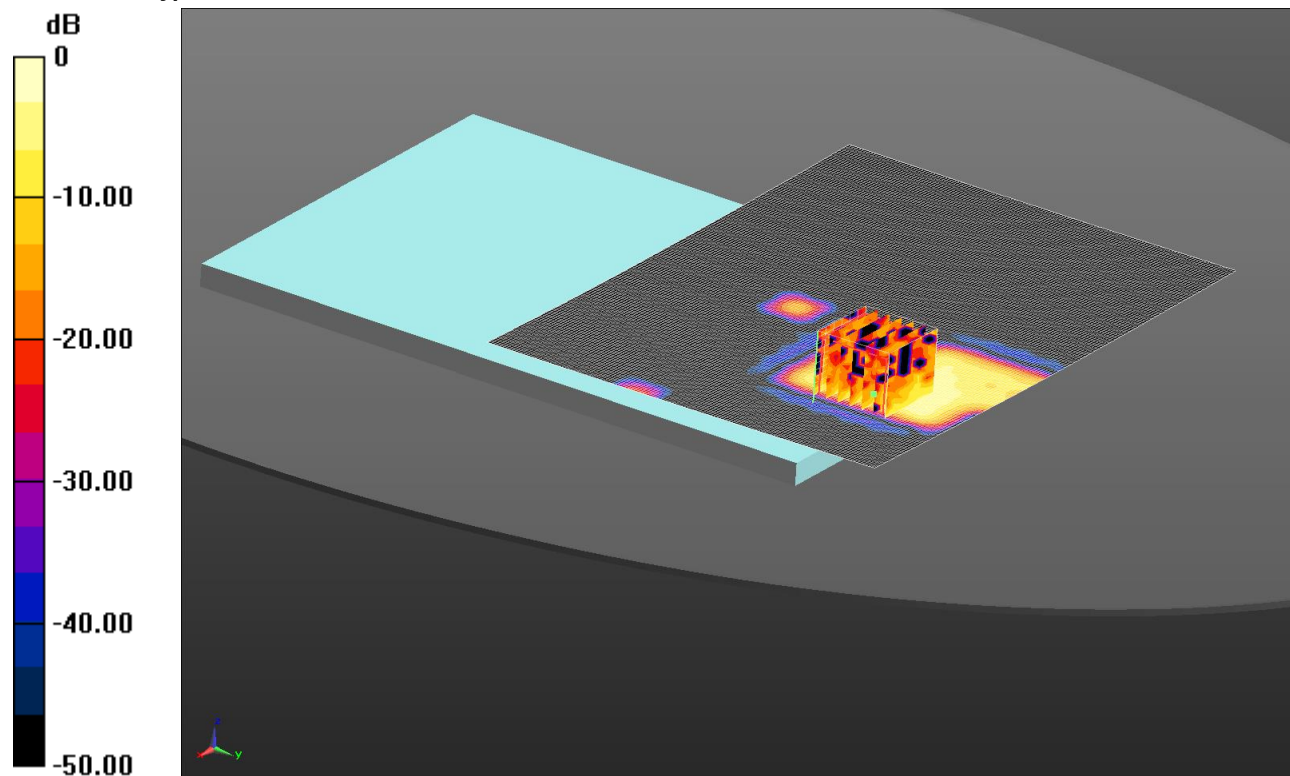
SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.194 W/kg

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

280: Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps SISO Ant 2 CH165

Date: 30/07/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 0.180 W/kg = -7.45 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 6.143$ S/m; $\epsilon_r = 46.335$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.27, 4.27, 4.27); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Back of EUT Facing Phantom- High 2/Area Scan (181x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0958 W/kg

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

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

Reference Value = 3.191 V/m; Power Drift = 0.59 dB

Peak SAR (extrapolated) = 0.531 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.027 W/kg

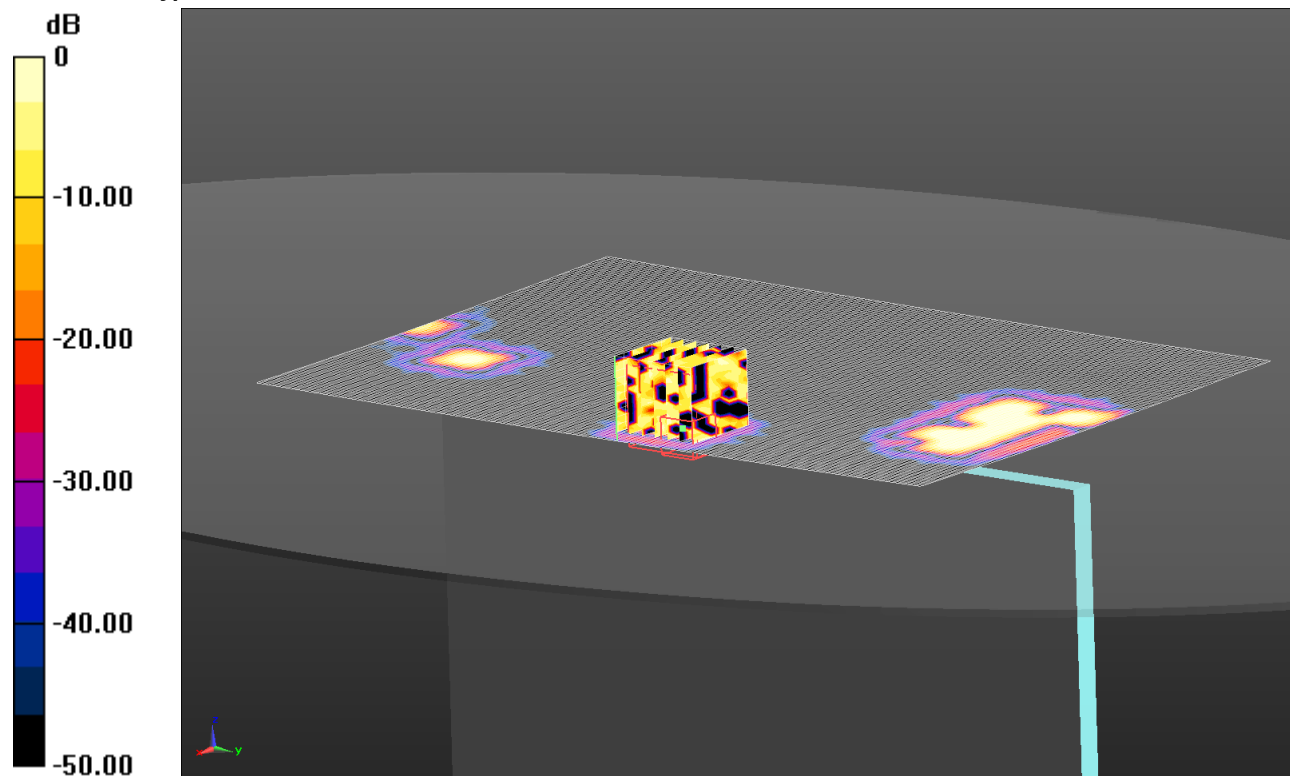
Maximum value of SAR (measured) = 0.180 W/kg

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

281: Right Hand Side Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps Ant2 SISO CH165

Date: 30/07/2014

DUT: A1600; Type: FCC ID: BCGA1600



Communication System: UID 0, WLAN 802.11 (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 6.143$ S/m; $\epsilon_r = 46.335$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.27, 4.27, 4.27); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Right Hand Side of EUT Facing Phantom- High/Area Scan (151x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.170 W/kg

Configuration/Right Hand Side of EUT Facing Phantom- High/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (7x7x12)/Cube 0:

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

Reference Value = 4.235 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0280 W/kg

SAR(1 g) = 0.000506 W/kg; SAR(10 g) = 0.000133 W/kg

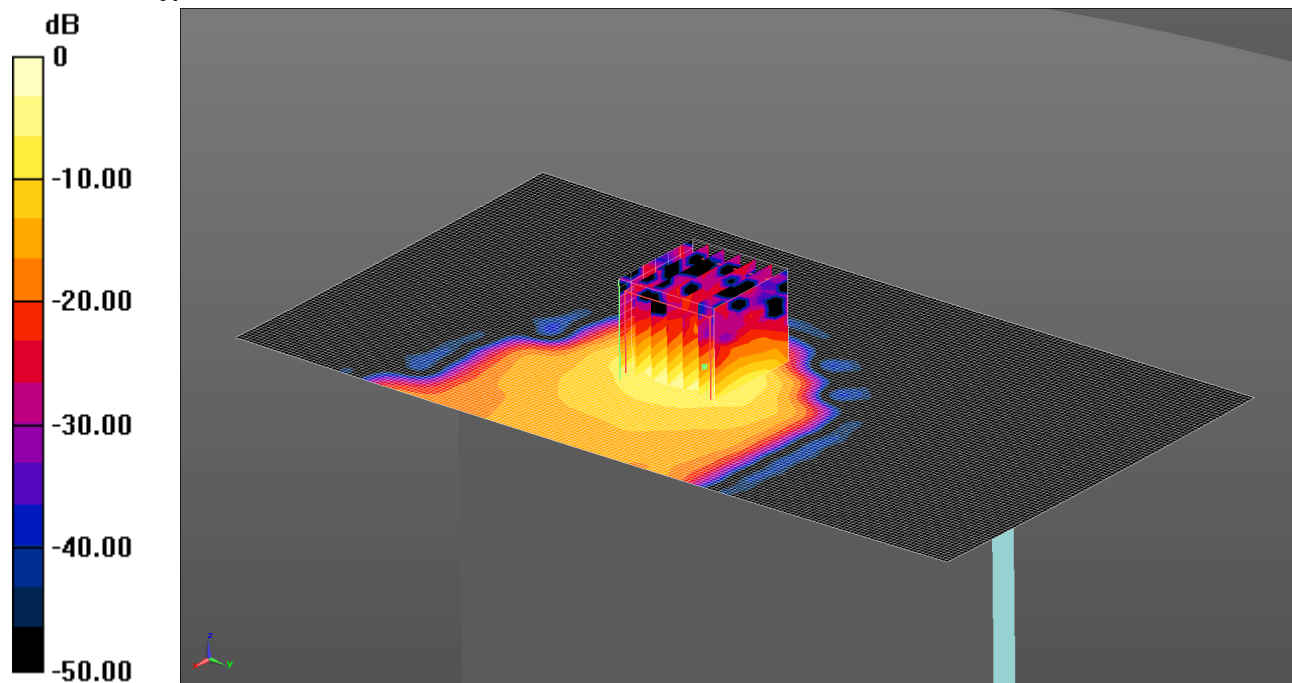
Maximum value of SAR (measured) = 0.0158 W/kg

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

282: Bottom Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps Ant2 SISO CH165

Date: 30/07/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 1.87 W/kg = 2.72 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 6.143$ S/m; $\epsilon_r = 46.335$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.27, 4.27, 4.27); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Bottom of EUT Facing Phantom- High/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Configuration/Bottom of EUT Facing Phantom- High/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (7x7x12)/Cube 0:

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

Reference Value = 14.377 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 4.38 W/kg

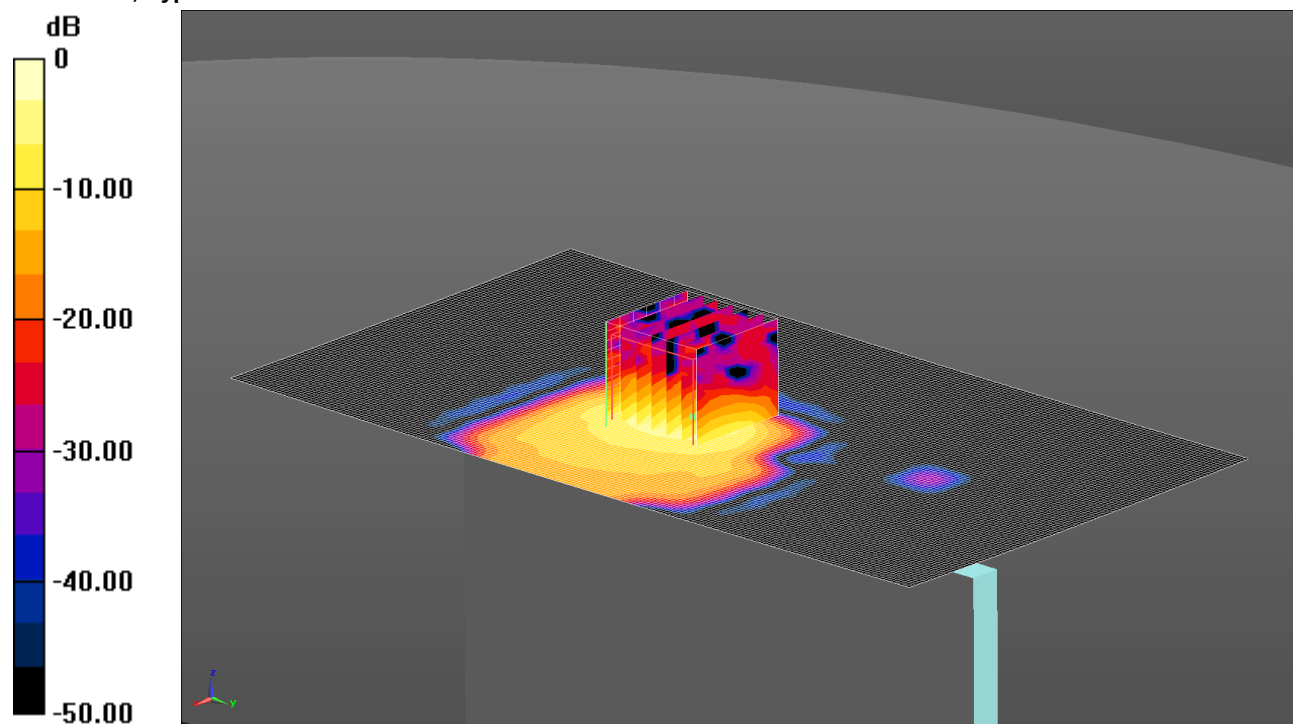
SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 1.87 W/kg

283: Bottom Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps Ant2 SISO CH157

Date: 30/07/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 1.68 W/kg = 2.25 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.096$ S/m; $\epsilon_r = 46.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.27, 4.27, 4.27); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Bottom of EUT Facing Phantom- High/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

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

Reference Value = 14.795 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.09 W/kg

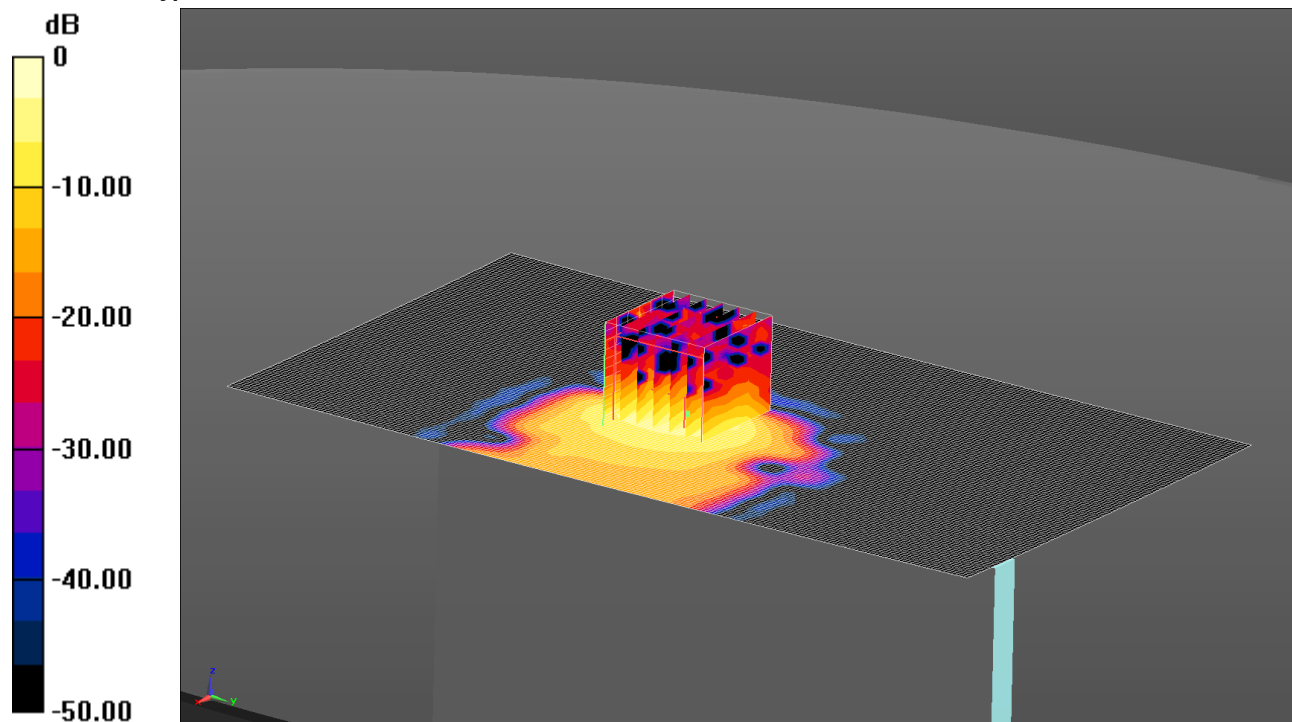
SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 1.68 W/kg

284: Bottom Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps Ant2 SISO CH149

Date: 30/07/2014

DUT: A1600; Type: FCC ID: BCGA1600



0 dB = 1.11 W/kg = 0.45 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; $\sigma = 6.048$ S/m; $\epsilon_r = 46.399$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.27, 4.27, 4.27); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Bottom of EUT Facing Phantom- High/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.715 W/kg

Configuration/Bottom of EUT Facing Phantom- High/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (7x7x12)/Cube 0:

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

Reference Value = 11.739 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 1.11 W/kg