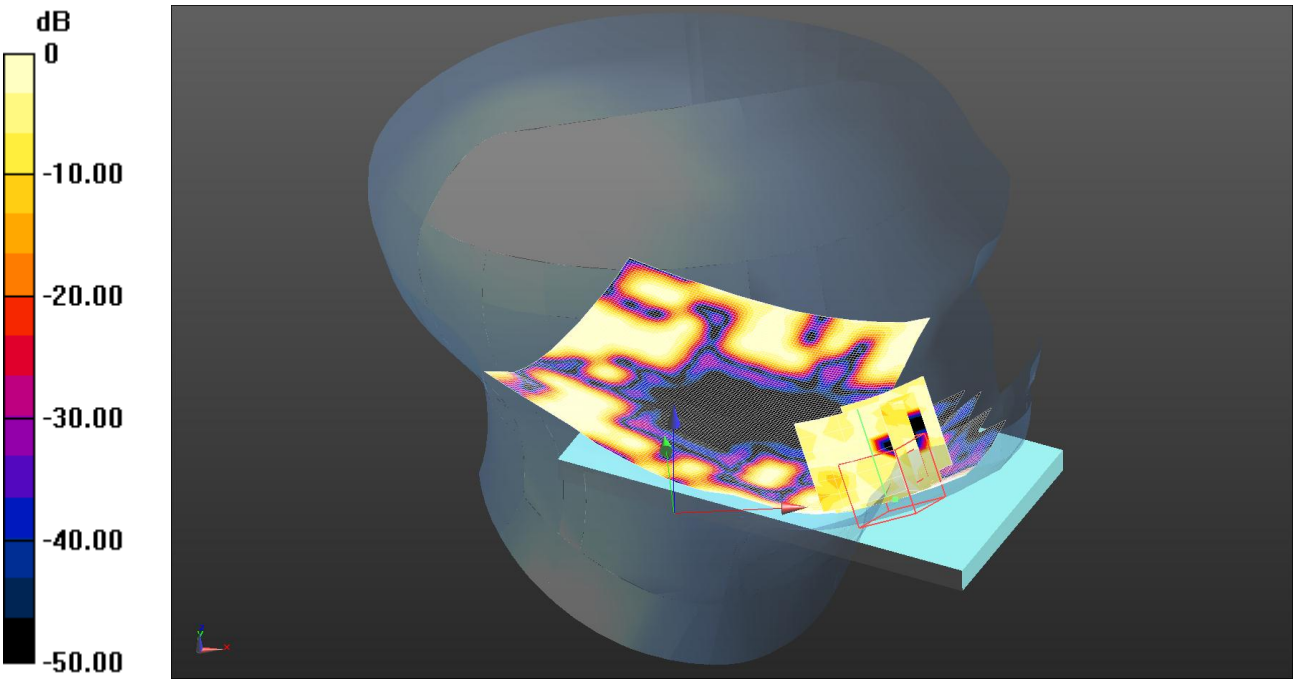
096: Touch Left 802.11a 5.2GHz CH48
Date: 12/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0115 W/kg = -19.39 dBW/kg

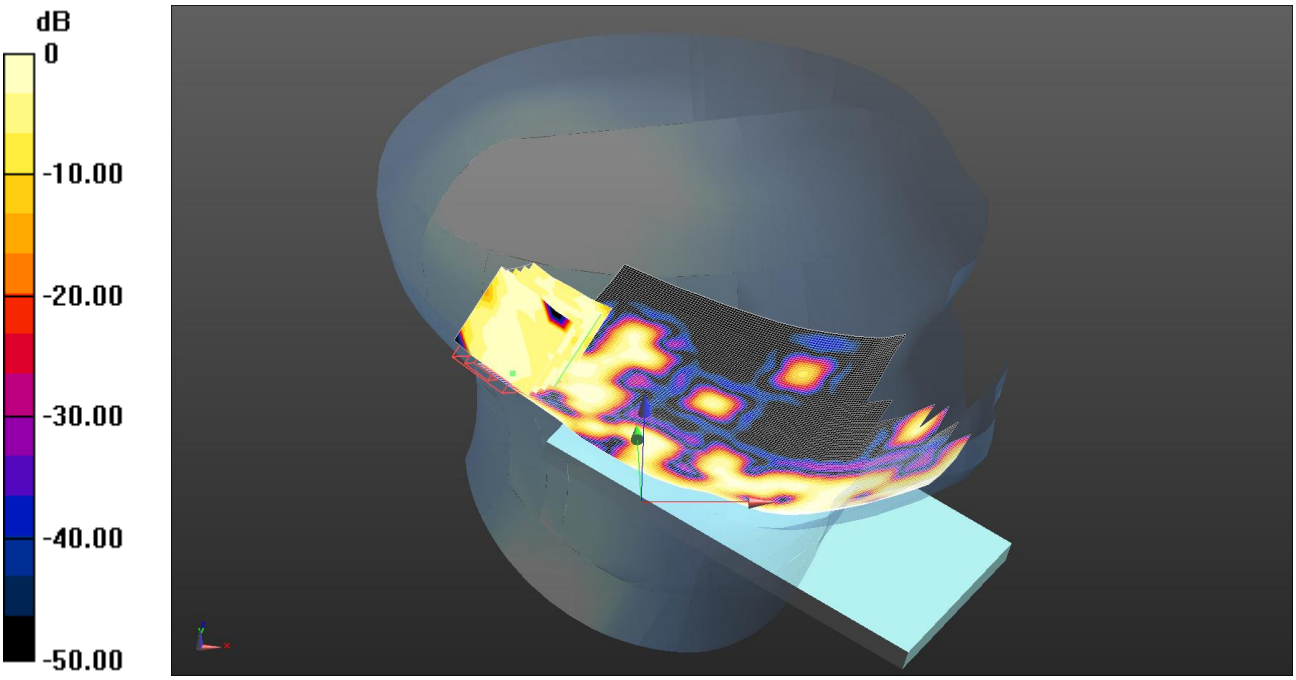
Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5200 MHz HSL Medium parameters used (interpolated): f = 5240 MHz; σ = 4.76 S/m; ε_r = 34.955; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Left - Middle 2/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mmMaximum value of SAR (interpolated) = 0.0413 W/kg
Configuration/Touch Left - Middle 2/Zoom Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.752 V/m; Power Drift = 2.50 dB
Peak SAR (extrapolated) = 0.0180 W/kg
SAR(1 g) = 0.00591 W/kg; SAR(10 g) = 0.00198 W/kg
Maximum value of SAR (measured) = 0.0115 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

097: Tilt Left 802.11a 5.2GHz CH48
Date: 12/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0108 W/kg = -19.67 dBW/kg

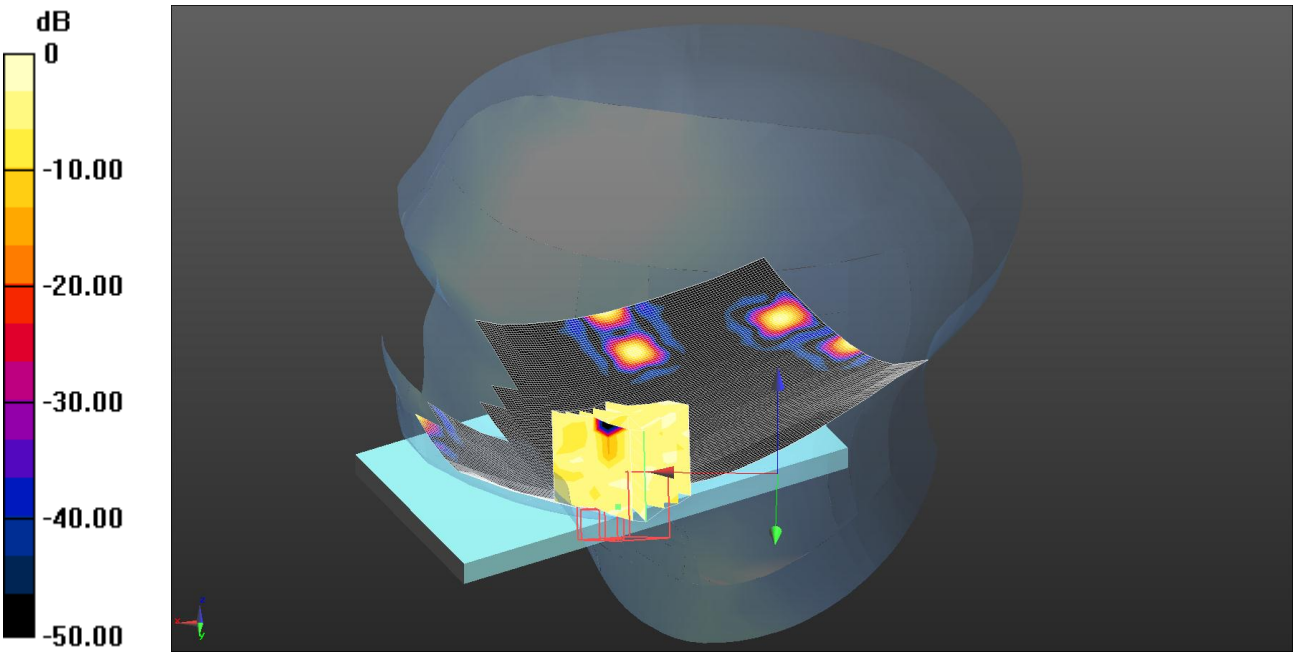
Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5200 MHz HSL Medium parameters used (interpolated): f = 5240 MHz; σ = 4.76 S/m; ε_r = 34.955; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Tilt Left - Middle 2/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0214 W/kg
Configuration/Tilt Left - Middle 2/Zoom Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.920 V/m; Power Drift = 0.50 dB
Peak SAR (extrapolated) = 0.0130 W/kg
SAR(1 g) = 0.00829 W/kg; SAR(10 g) = 0.00628 W/kg
Maximum value of SAR (measured) = 0.0108 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

098: Touch Right 802.11a 5.2GHz CH48
Date: 13/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



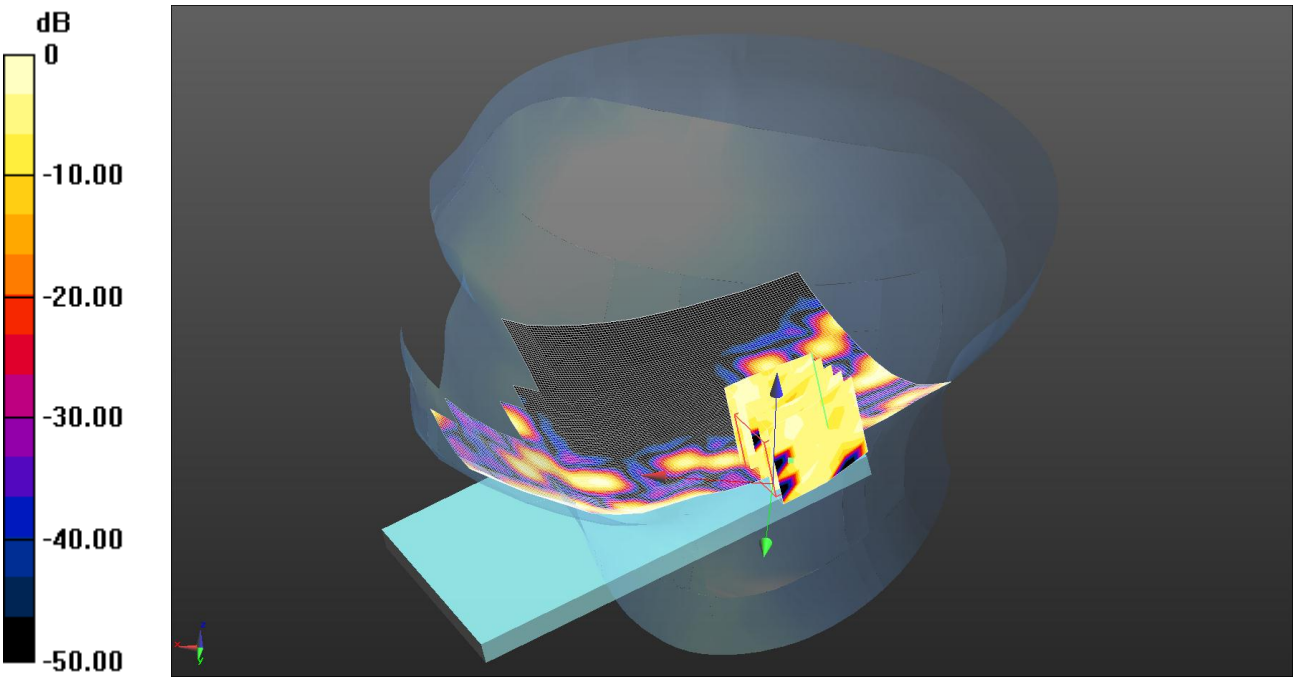
0 dB = 0.0147 W/kg = -18.33 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5200 MHz HSL Medium parameters used (interpolated): f = 5240 MHz; σ = 4.71 S/m; ε_r = 35.977; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)
Configuration/Touch Right - Middle 2/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0147 W/kg
Configuration/Touch Right - Middle 2/Zoom Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.013 V/m; Power Drift = 0.97 dB
Peak SAR (extrapolated) = 0.0150 W/kg
SAR(1 g) = 0.0083 W/kg; SAR(10 g) = 0.00453 W/kg
Maximum value of SAR (measured) = 0.0147 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

099: Tilt Right 802.11a 5.2GHz CH48
Date: 13/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0138 W/kg = -18.60 dBW/kg

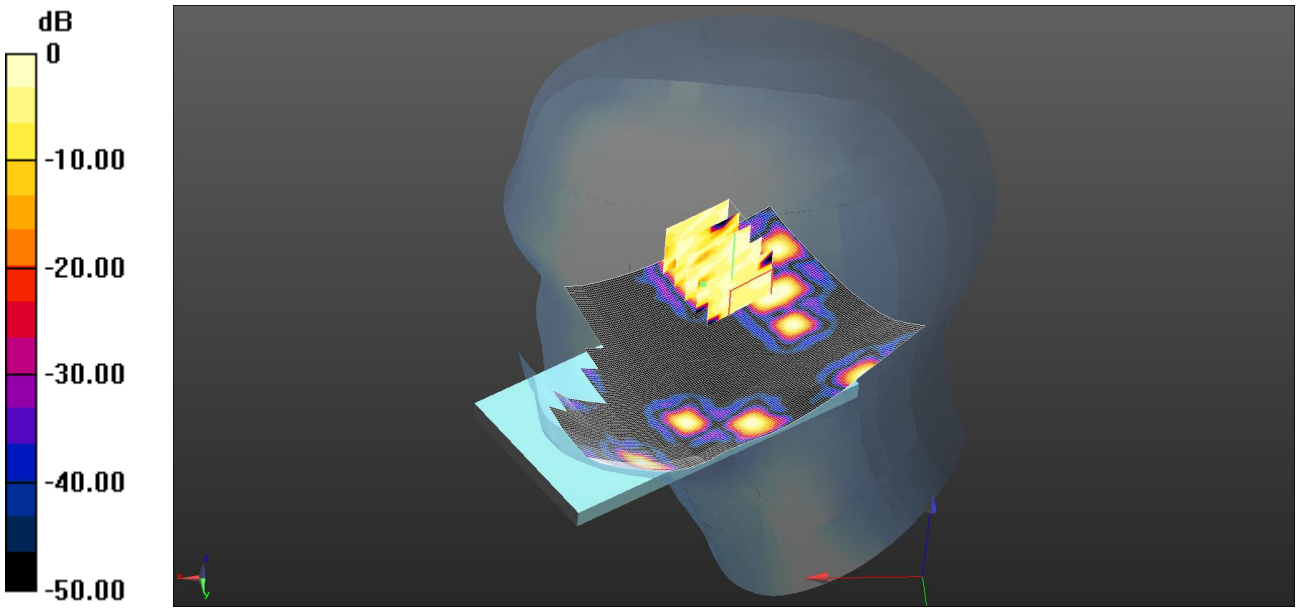
Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5200 MHz HSL Medium parameters used (interpolated): f = 5240 MHz; σ = 4.71 S/m; ε_r = 35.977; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)
Configuration/Tilt Right - Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0254 W/kg

Configuration/Tilt Right - Middle/Zoom Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.080 V/m; Power Drift = 1.05 dB
Peak SAR (extrapolated) = 0.0150 W/kg
SAR(1 g) = 0.00852 W/kg; SAR(10 g) = 0.00471 W/kg
Maximum value of SAR (measured) = 0.0138 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

100: Touch Right 802.11a 5.2GHz CH52
Date: 15/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0106 W/kg = -19.75 dBW/kg

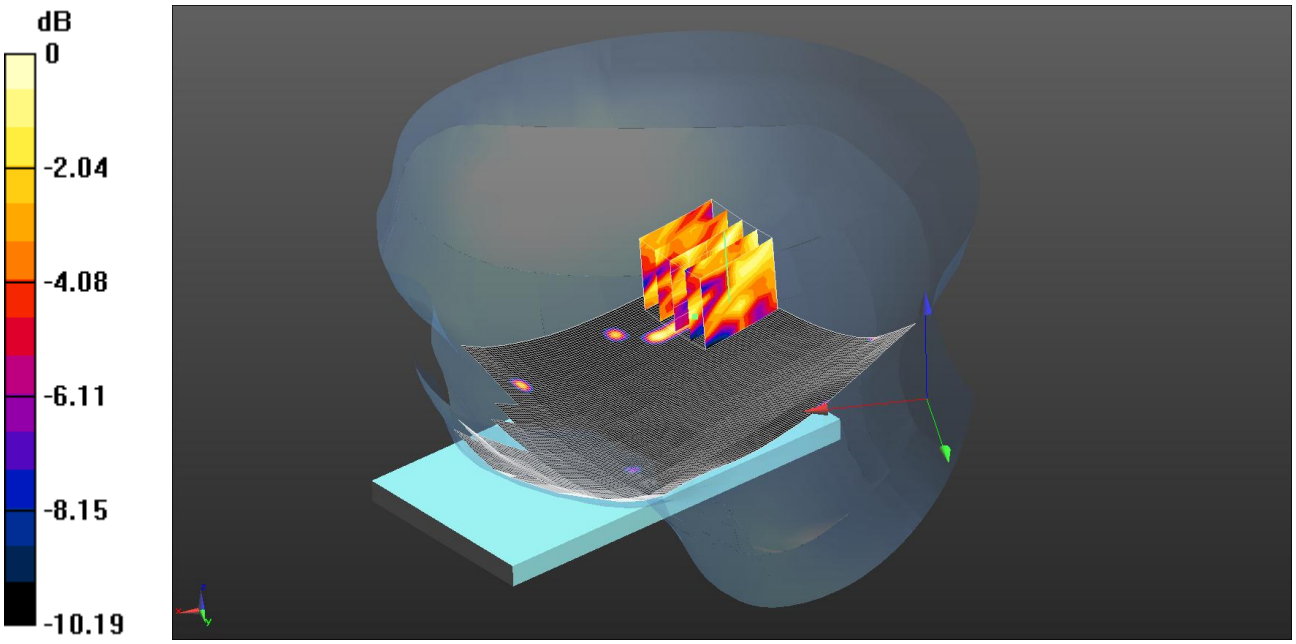
Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: 5200 MHz HSL Medium parameters used (interpolated): f = 5260 MHz; σ = 4.795 S/m; ε_r = 35.879; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.73, 4.73, 4.73); Calibrated: 24/09/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right - Middle 2/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0179 W/kg
Configuration/Touch Right - Middle 2/Zoom Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.234 V/m; Power Drift = -0.77 dB
Peak SAR (extrapolated) = 0.0330 W/kg
SAR(1 g) = 0.0059 W/kg; SAR(10 g) = 0.00191 W/kg
Maximum value of SAR (measured) = 0.0106 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

101: Touch Right 802.11a 5.2GHz CH157
Date: 15/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0126 W/kg = -19.00 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: 5200 MHz HSL Medium parameters used (interpolated): f = 5785 MHz; σ = 5.303 S/m; ε_r = 35.032; ρ = 1000 kg/m^3
Phantom section: Right Section

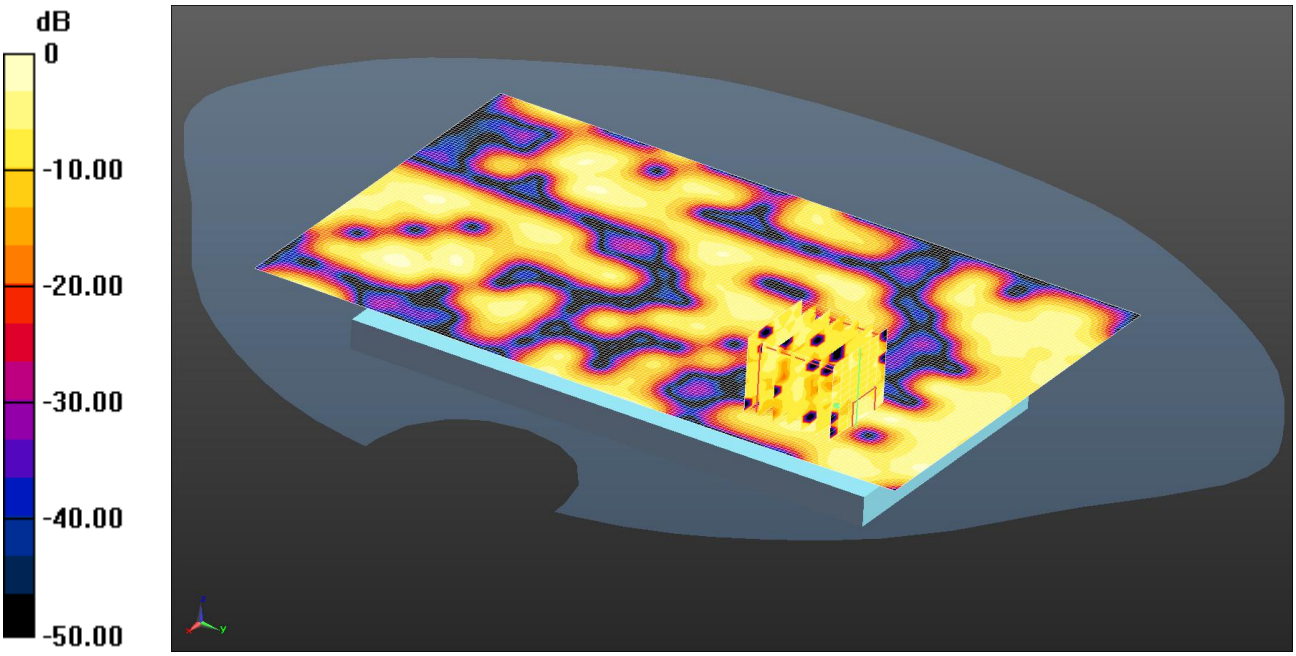
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.5, 4.5, 4.5); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right - Middle 2/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0119 W/kg
Configuration/Touch Right - Middle 2/Zoom Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.957 V/m; Power Drift = -0.38 dB
Peak SAR (extrapolated) = 0.0130 W/kg
SAR(1 g) = 0.00723 W/kg; SAR(10 g) = 0.00425 W/kg
Maximum value of SAR (measured) = 0.0126 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

102: Front of EUT Facing Phantom 802.11a 5.2GHz CH48
Date: 12/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0395 W/kg = -14.03 dBW/kg

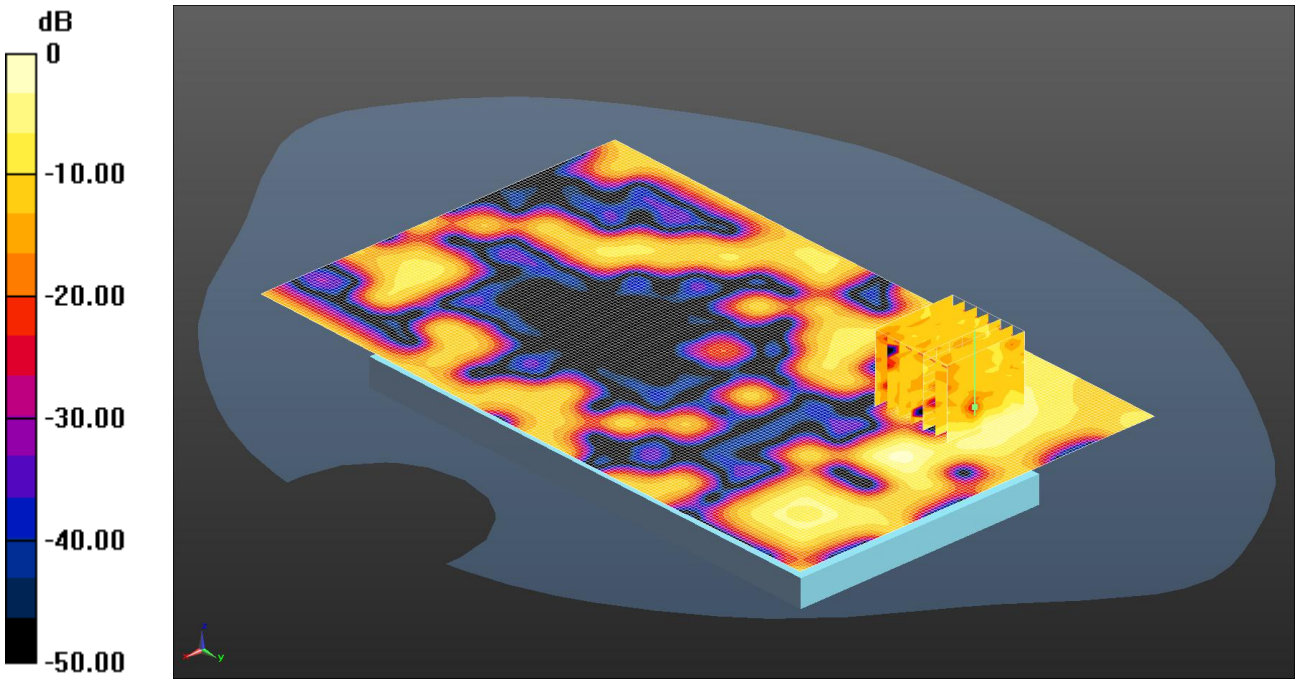
Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5240 MHz; σ = 5.41 S/m; ε_r = 47.67; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Front of EUT Facing Phantom - Middle 2 2 2/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0401 W/kg
Configuration/Front of EUT Facing Phantom - Middle 2 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.041 V/m; Power Drift = 0.33 dB
Peak SAR (extrapolated) = 0.0910 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00541 W/kg
Maximum value of SAR (measured) = 0.0395 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

103: Back of EUT Facing Phantom 802.11a 5.2GHz CH48
Date: 12/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0954 W/kg = -10.20 dBW/kg

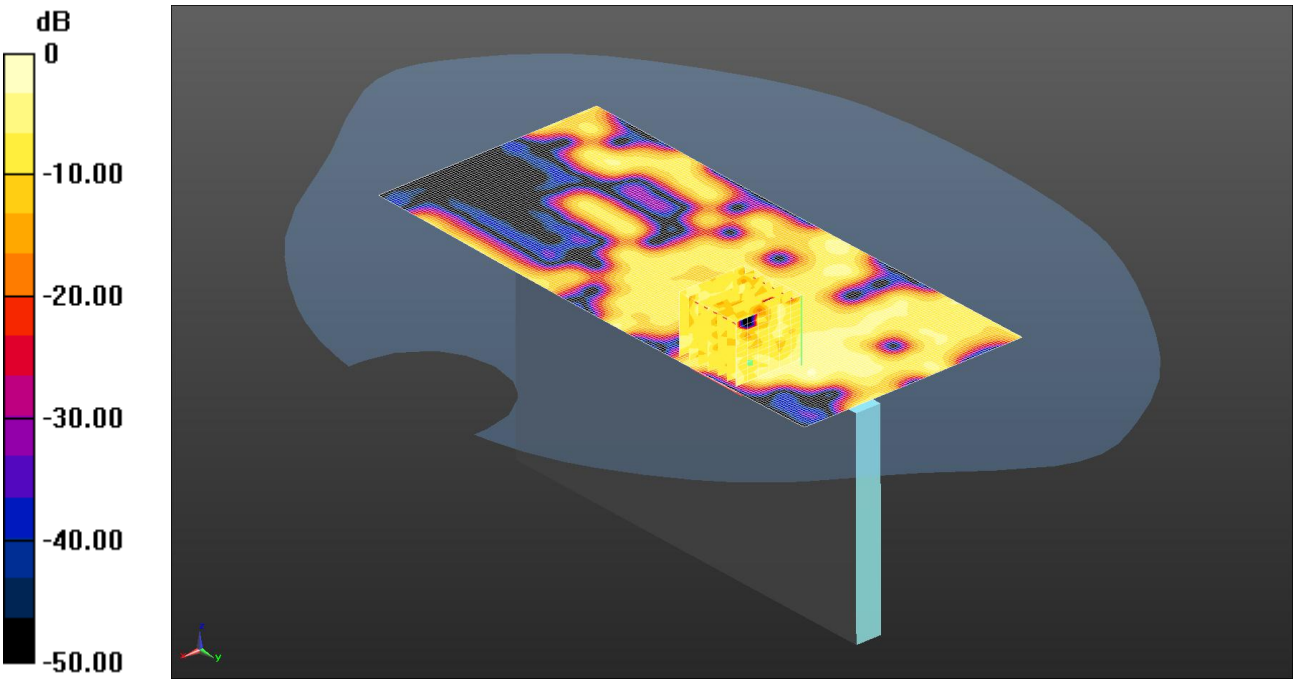
Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5240 MHz; σ = 5.41 S/m; ε_r = 47.67; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Front of EUT Facing Phantom - Middle 2 2 2/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0744 W/kg
Configuration/Front of EUT Facing Phantom - Middle 2 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.540 V/m; Power Drift = 0.48 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.0954 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

104: Left Hand Side of EUT Facing Phantom 802.11a 5.2GHz CH48
Date: 12/07/2013
DUT: Sony Honami ; Type: Honami Rex; Serial: PM-0500-BV



0 dB = 0.0440 W/kg = -13.57 dBW/kg

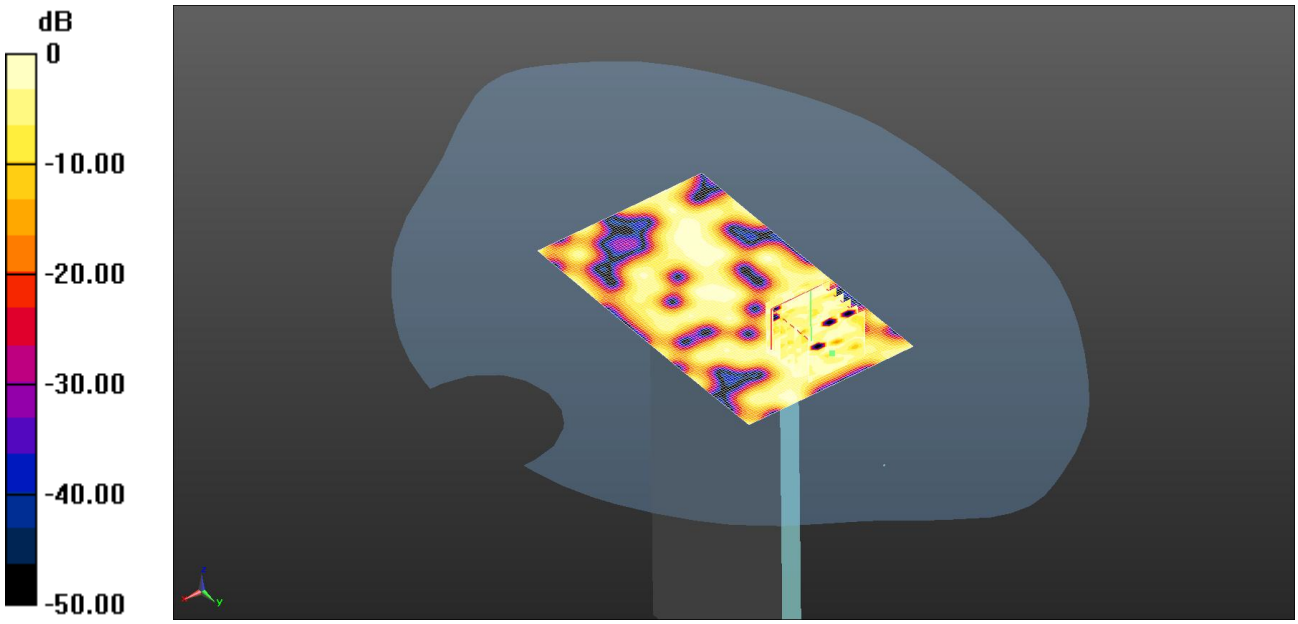
Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5240 MHz; σ = 5.41 S/m; ε_r = 47.67; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Left Hand Side of EUT Facing Phantom - Middle/Area Scan (81x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0346 W/kg
Configuration/Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.840 V/m; Power Drift = -0.70 dB
Peak SAR (extrapolated) = 0.0700 W/kg
SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00839 W/kg
Maximum value of SAR (measured) = 0.0440 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

105: Bottom of EUT Facing Phantom 802.11a 5.2GHz CH48
Date: 13/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0165 W/kg = -17.83 dBW/kg

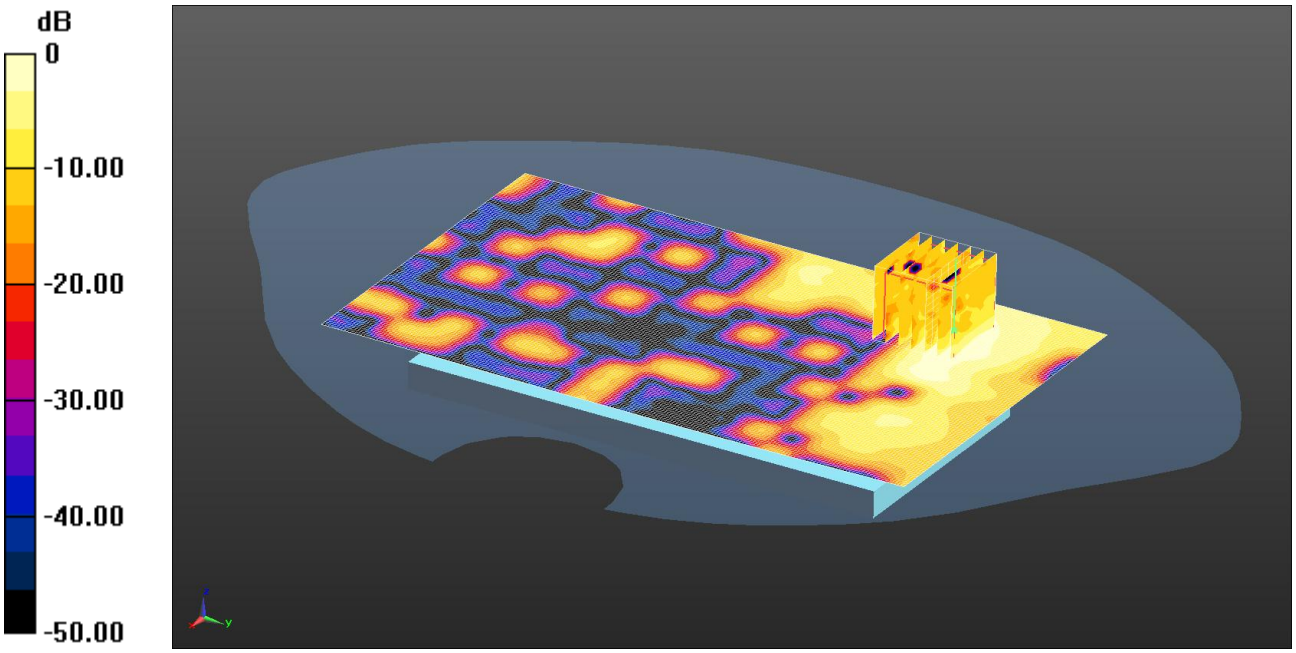
Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5240 MHz; σ = 5.506 S/m; ε_r = 48.305; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Bottom of EUT Facing Phantom - Middle/Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0230 W/kg
Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.100 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0620 W/kg
SAR(1 g) = 0.00984 W/kg; SAR(10 g) = 0.00676 W/kg
Maximum value of SAR (measured) = 0.0165 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

106: Back of EUT Facing Phantom 802.11a 5.2GHz CH52
Date: 16/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.122 W/kg = -9.14 dBW/kg

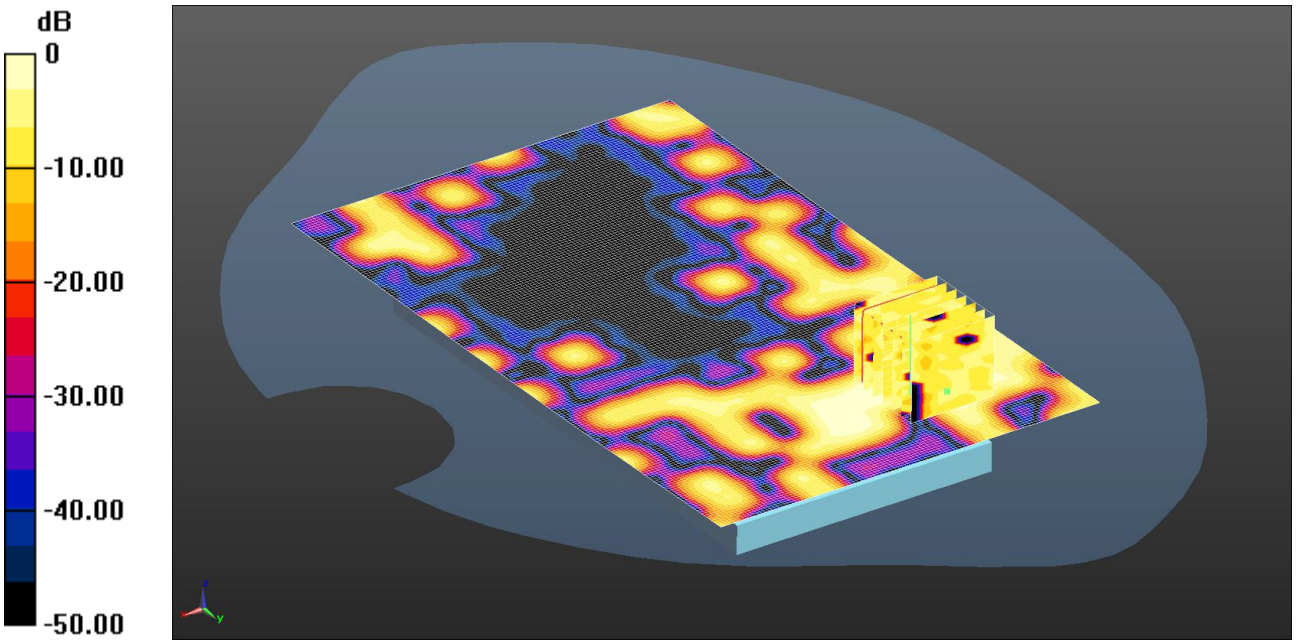
Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5260 MHz; σ = 5.476 S/m; ε_r = 48.651; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.11, 4.11, 4.11); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.138 W/kg
Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.338 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.122 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

107: Back of EUT Facing Phantom 802.11a 5.5GHz CH136
Date: 16/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



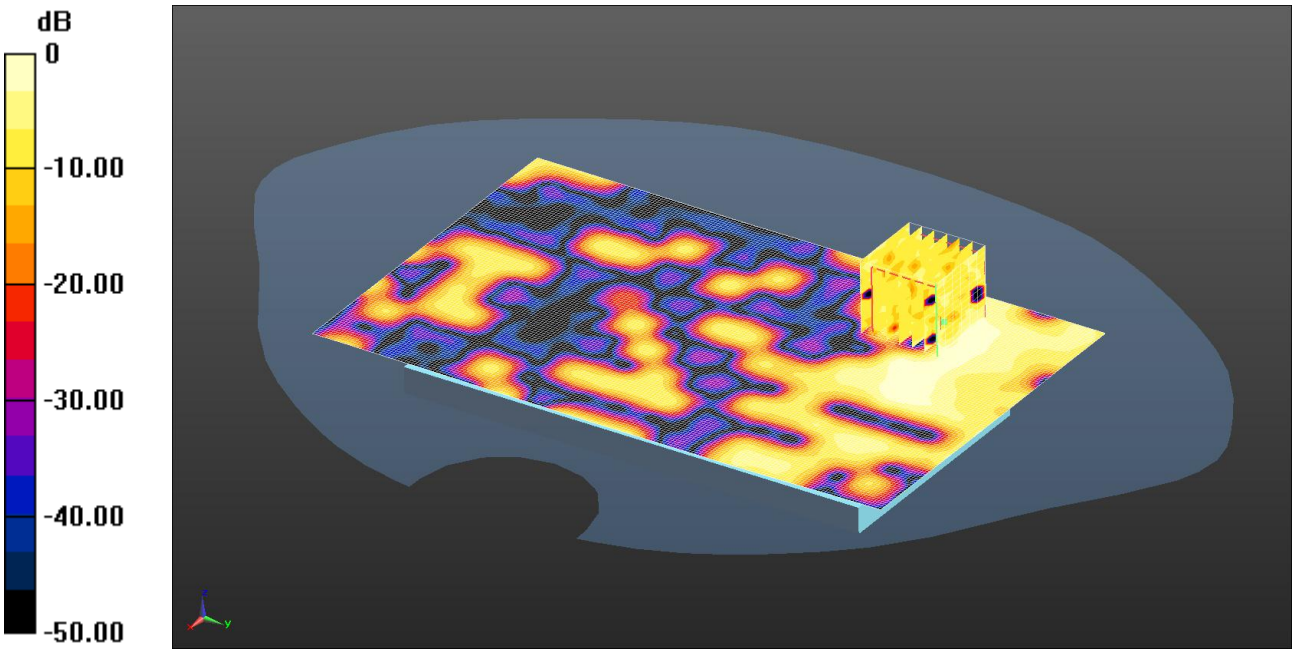
0 dB = 0.0504 W/kg = -12.98 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5680 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5680 MHz; σ = 5.991 S/m; ε_r = 47.989; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.71, 3.71, 3.71); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)
Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0771 W/kg
Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.209 V/m; Power Drift = 0.58 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0504 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

108: Back of EUT Facing Phantom 802.11a 5.8GHz CH157
Date: 16/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0570 W/kg = -12.44 dBW/kg

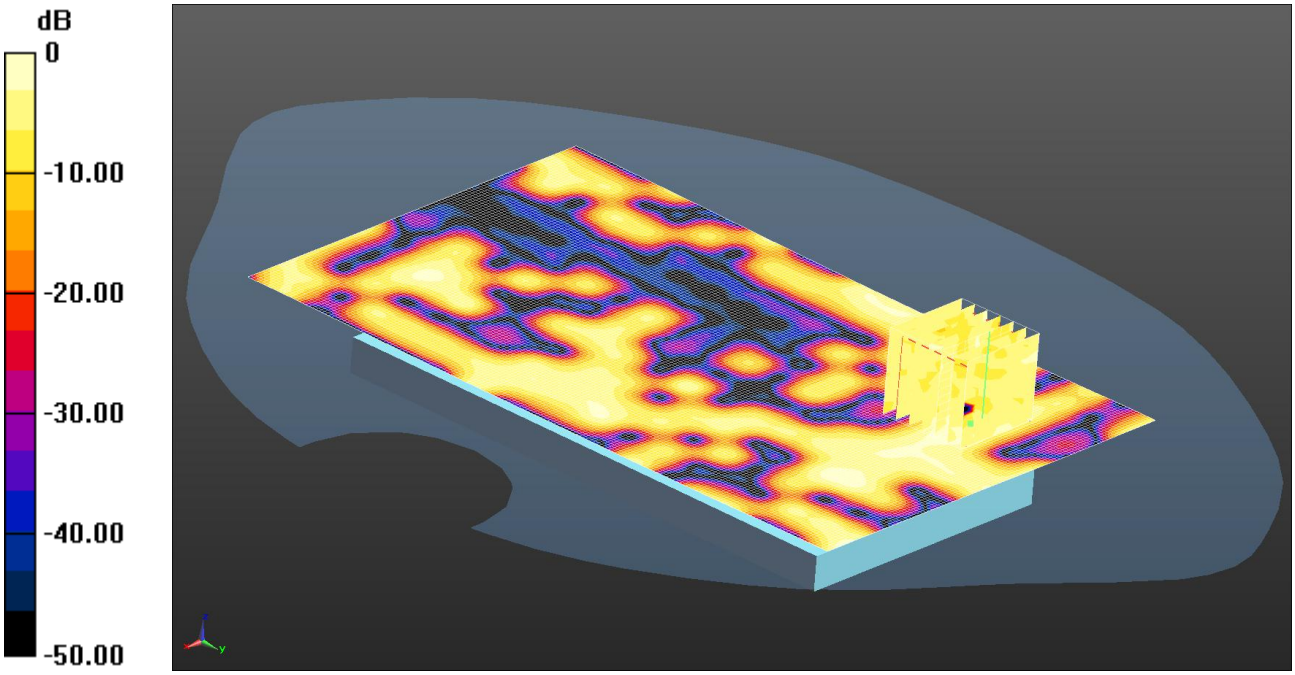
Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5785 MHz; σ = 6.144 S/m; ε_r = 47.85; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.97, 3.97, 3.97); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0615 W/kg
Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.179 V/m; Power Drift = -1.01 dB
Peak SAR (extrapolated) = 0.100 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.010 W/kg
Maximum value of SAR (measured) = 0.0570 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

109: Back of EUT Facing Phantom 802.11ac 40MHz 5.2GHz CH38
Date: 16/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0296 W/kg = -15.29 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5190 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5190 MHz; σ = 5.387 S/m; ε_r = 48.831; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

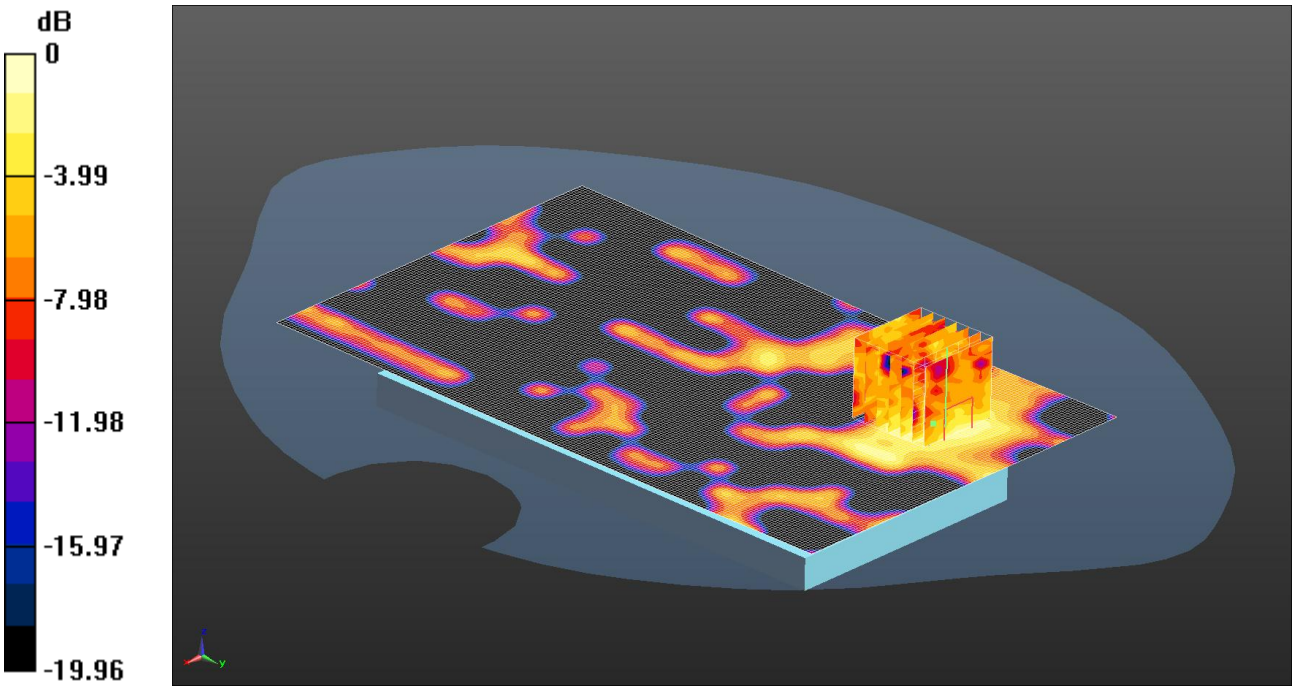
Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0507 W/kg

Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.221 V/m; Power Drift = -2.08 dB
Peak SAR (extrapolated) = 0.0440 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.0089 W/kg
Maximum value of SAR (measured) = 0.0296 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

110: Back of EUT Facing Phantom 802.11ac 40MHz 5.3GHz CH54
Date: 16/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0408 W/kg = -13.89 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5270 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5270 MHz; σ = 5.492 S/m; ε_r = 48.628; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.11, 4.11, 4.11); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

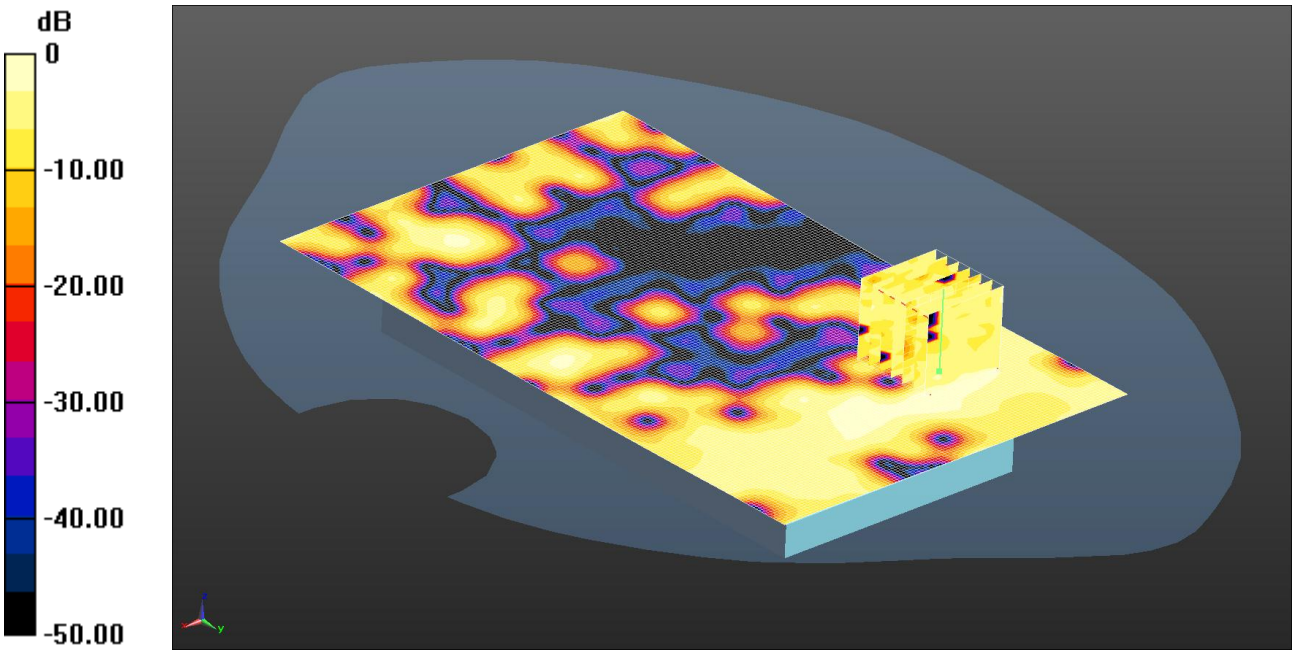
Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0417 W/kg

Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.548 V/m; Power Drift = -0.25 dB
Peak SAR (extrapolated) = 0.0680 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0408 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

111: Back of EUT Facing Phantom 802.11ac 40MHz 5.6GHz CH134
Date: 16/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0415 W/kg = -13.82 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5670 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5670 MHz; σ = 5.982 S/m; ε_r = 48.034; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.71, 3.71, 3.71); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

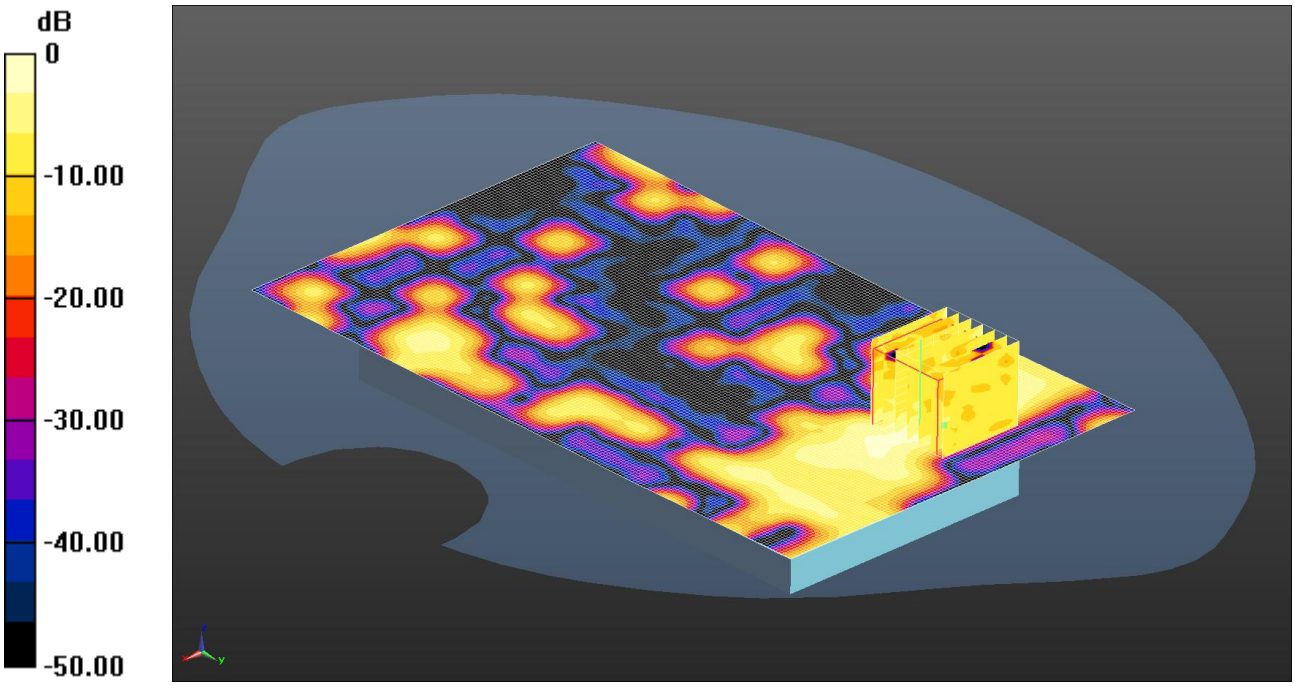
Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0611 W/kg

Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.571 V/m; Power Drift = 0.80 dB
Peak SAR (extrapolated) = 0.0900 W/kg
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00971 W/kg
Maximum value of SAR (measured) = 0.0415 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

112: Back of EUT Facing Phantom 802.11ac 40MHz 5.8GHz CH159
Date: 16/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0718 W/kg = -11.44 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5795 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5795 MHz; σ = 6.15 S/m; ε_r = 47.825; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.97, 3.97, 3.97); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

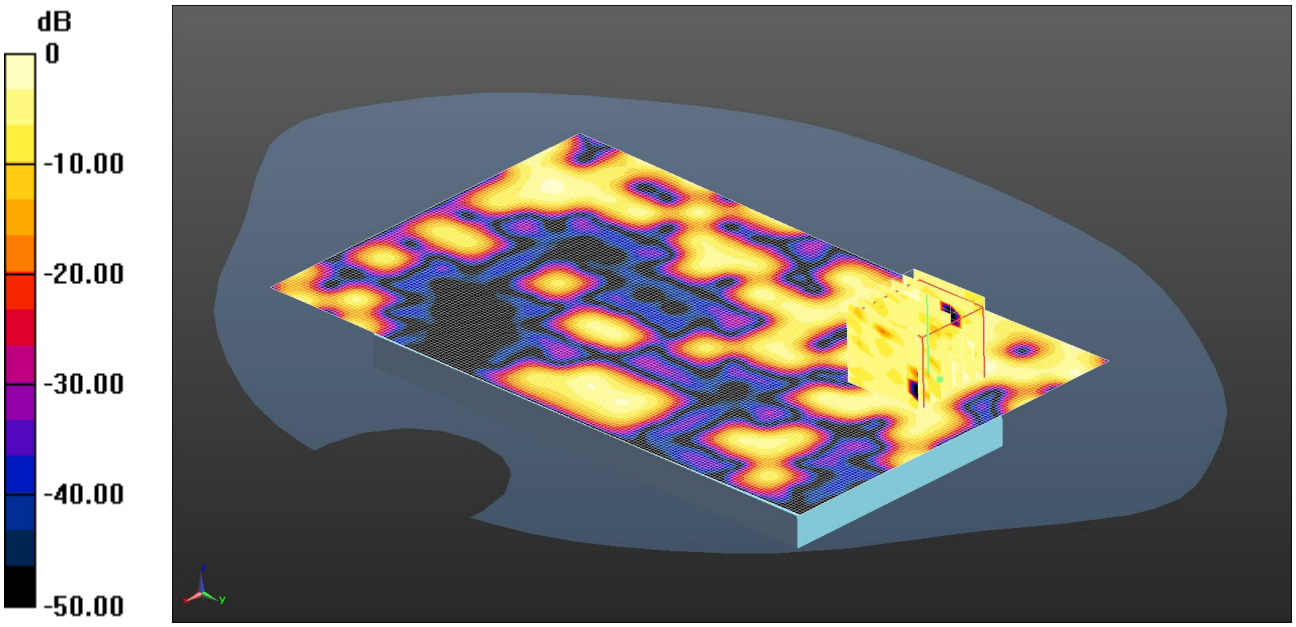
Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0991 W/kg

Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.504 V/m; Power Drift = 0.82 dB
Peak SAR (extrapolated) = 0.152 W/kg
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0718 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

113: Back of EUT Facing Phantom 802.11ac 80MHz 5.2GHz CH42
Date: 16/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0284 W/kg = -15.47 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5210 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5210 MHz; σ = 5.411 S/m; ε_r = 48.803; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

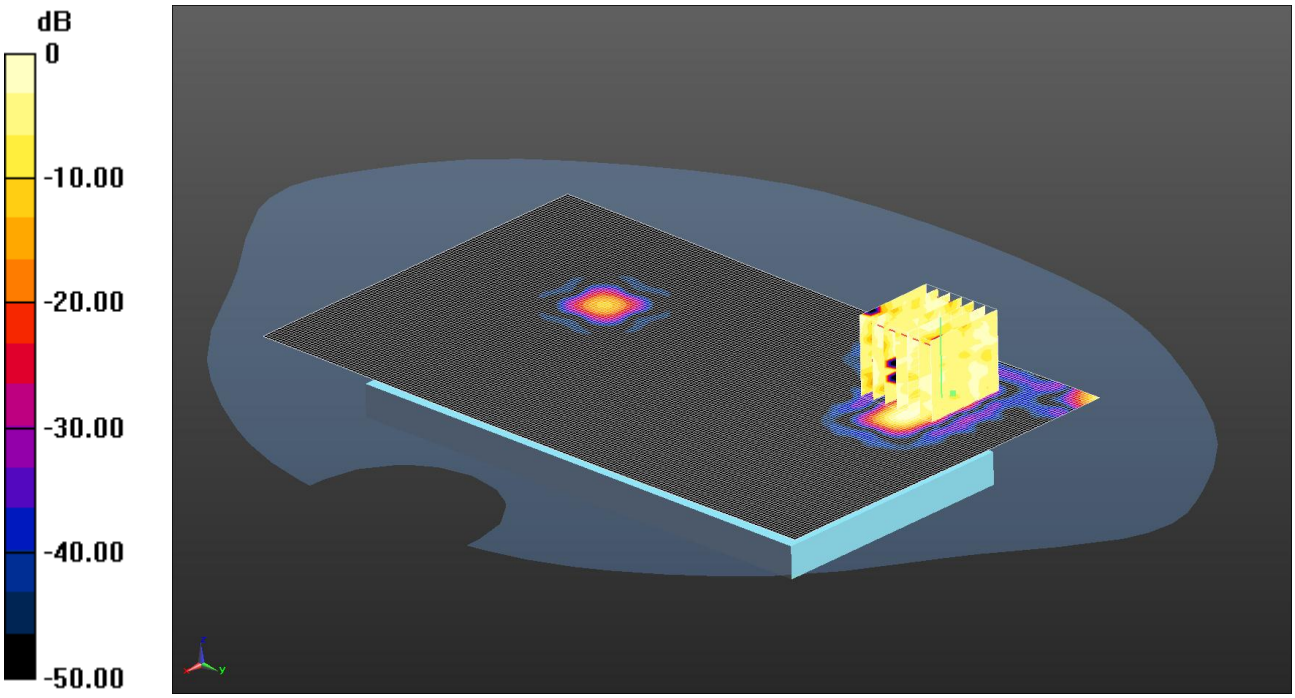
Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0351 W/kg

Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.377 V/m; Power Drift = -1.17 dB
Peak SAR (extrapolated) = 0.0940 W/kg
SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.0075 W/kg
Maximum value of SAR (measured) = 0.0284 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

114: Back of EUT Facing Phantom 802.11ac 80MHz 5.3GHz CH58
Date: 16/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0238 W/kg = -16.23 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5290 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5290 MHz; σ = 5.525 S/m; ε_r = 48.581; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.11, 4.11, 4.11); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

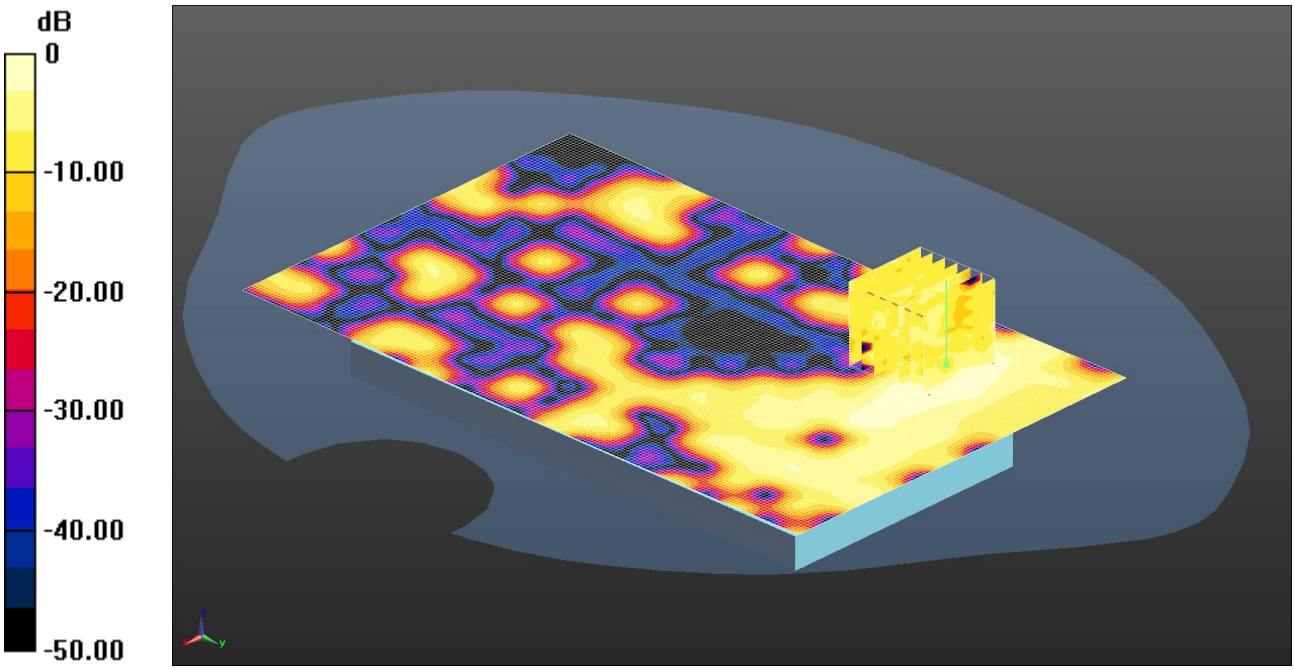
Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0311 W/kg

Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.250 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.0710 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00769 W/kg
Maximum value of SAR (measured) = 0.0238 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

115: Back of EUT Facing Phantom 802.11ac 80MHz 5.6GHz CH106
Date: 16/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0582 W/kg = -12.35 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5530 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5530 MHz; σ = 5.811 S/m; ε_r = 48.206; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.02, 4.02, 4.02); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

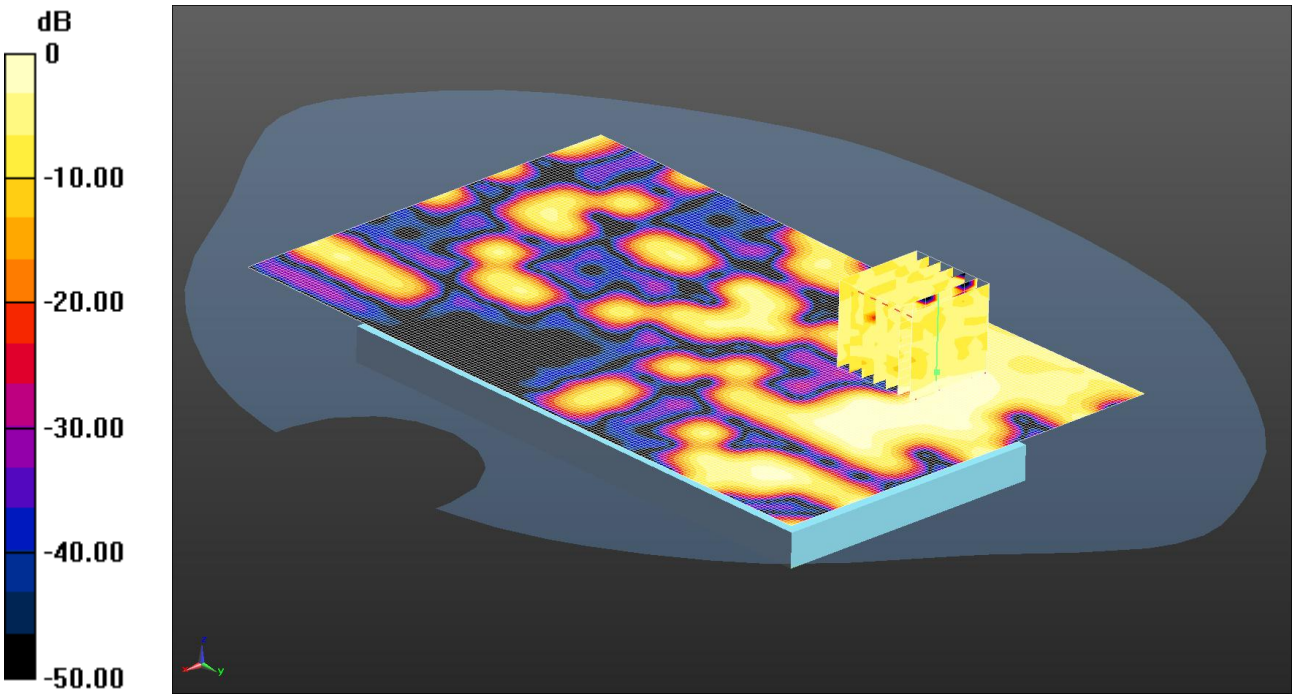
Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0722 W/kg

Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.818 V/m; Power Drift = 0.58 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0582 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

116: Back of EUT Facing Phantom 802.11ac 80MHz 5.8GHz CH155
Date: 16/07/2013
DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0453 W/kg = -13.44 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5775 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5775 MHz; σ = 6.138 S/m; ε_r = 47.875; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.97, 3.97, 3.97); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

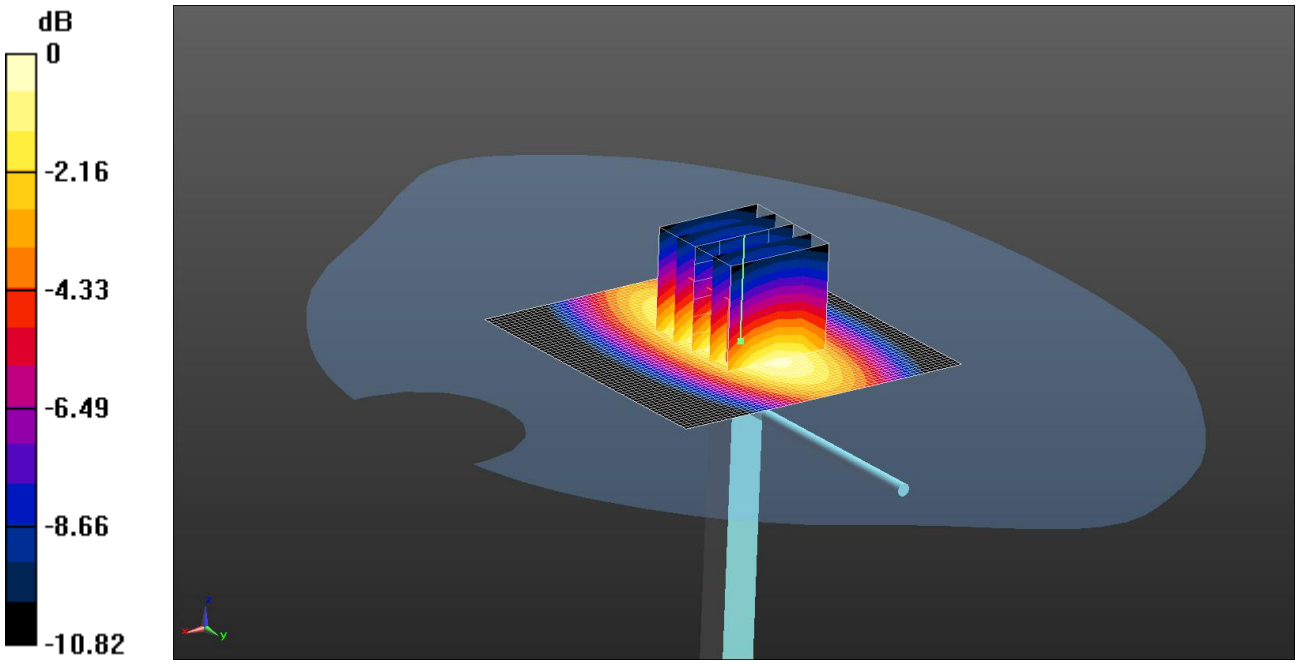
Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0661 W/kg

Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.780 V/m; Power Drift = 3.96 dB
Peak SAR (extrapolated) = 0.0880 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.012 W/kg
Maximum value of SAR (measured) = 0.0453 W/kg

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

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of ±5% for the 5.0 GHz dipole.

117: System Performance Check 900MHz Head 25 06 13
Date: 25/06/2013
DUT: Dipole 900 MHz; Type: D900V2; Serial: 035



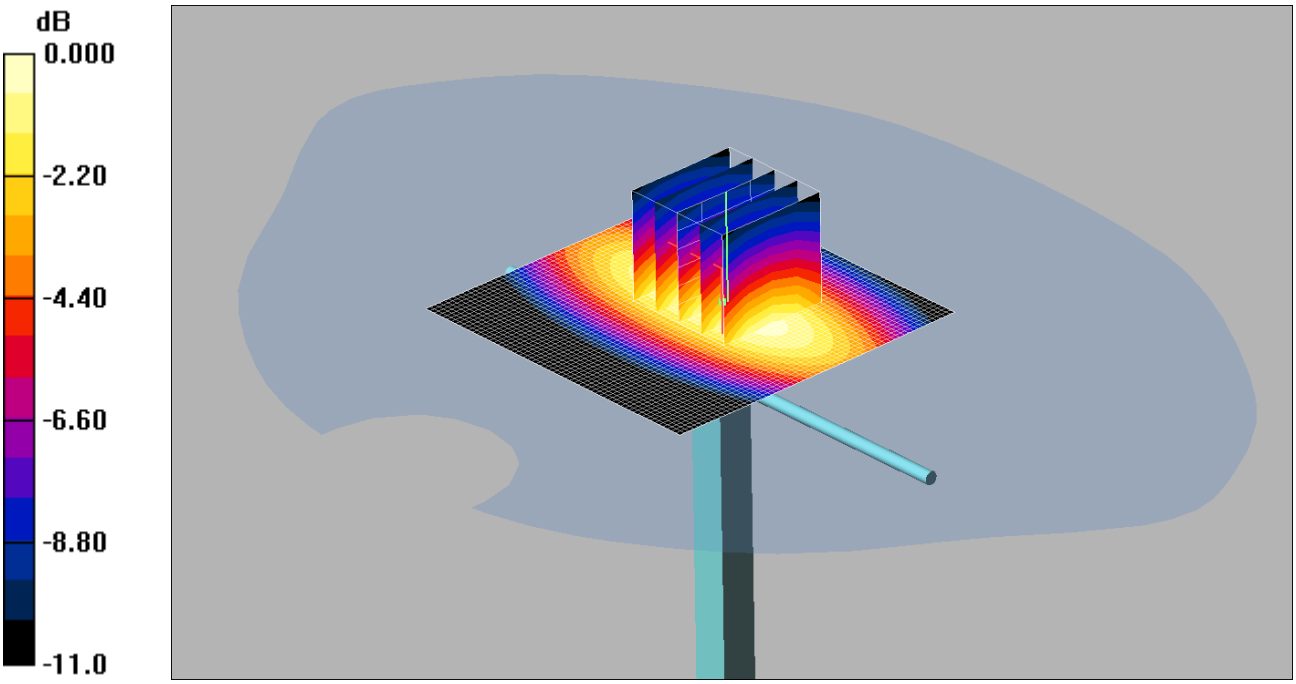
0 dB = 2.77 W/kg = 4.42 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used: f = 900 MHz; σ = 0.952 S/m; ε_r = 40.487; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(6.09, 6.09, 6.09); Calibrated: 31/08/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.78 W/kg

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 54.936 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.77 W/kg
SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.67 W/kg
Maximum value of SAR (measured) = 2.77 W/kg

118: System Performance Check 900MHz Head 01 07 13
Date 01/07/2013
DUT: Dipole 900 MHz; Type: D900V2; Serial: 035

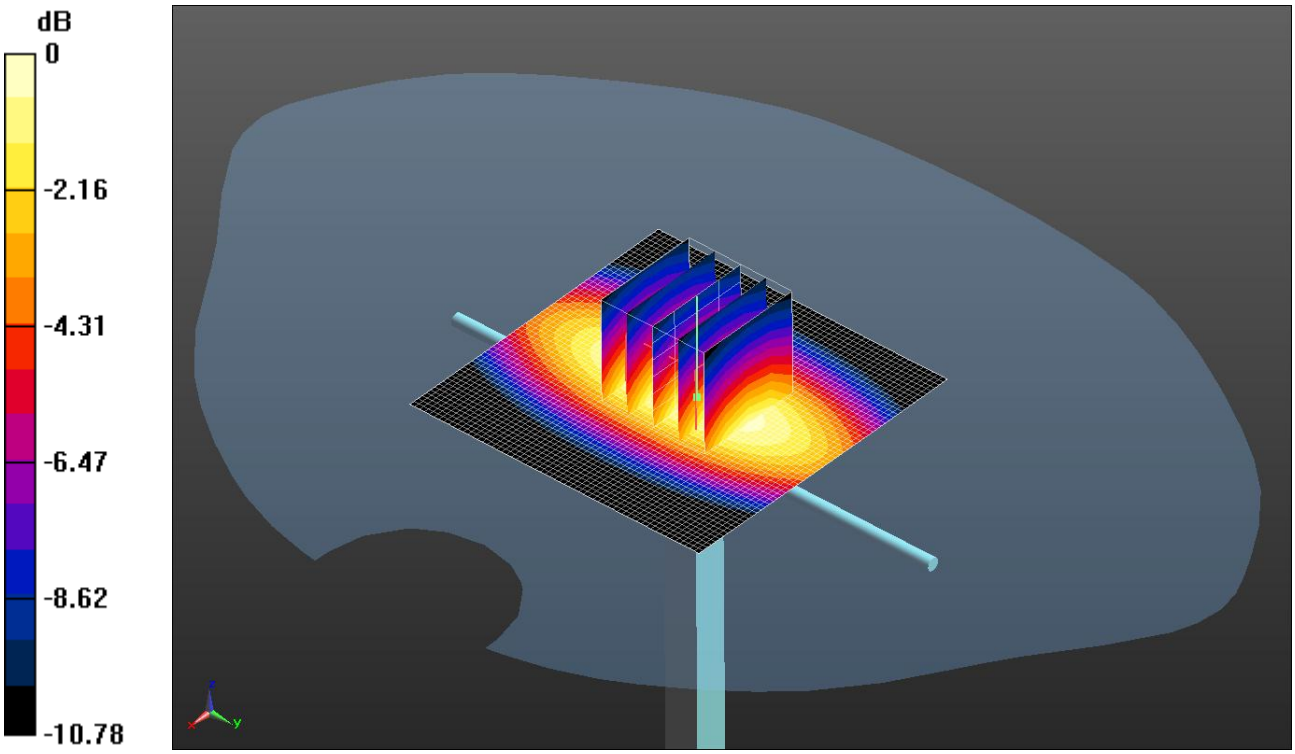


0 dB = 2.86mW/g

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used: f = 900 MHz; σ = 0.96 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6.13, 6.13, 6.13); Calibrated: 22/04/2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 22/01/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186
d=15mm, Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.84 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.5 V/m; Power Drift = 0.020 dB
Peak SAR (extrapolated) = 3.86 W/kg
SAR(1 g) = 2.65 mW/g; SAR(10 g) = 1.72 mW/g
Maximum value of SAR (measured) = 2.86 mW/g

119: System Performance Check 900MHz Body 27 06 13
Date: 27/06/2013
DUT: Dipole 900 MHz; Type: D900V2; Serial: 035

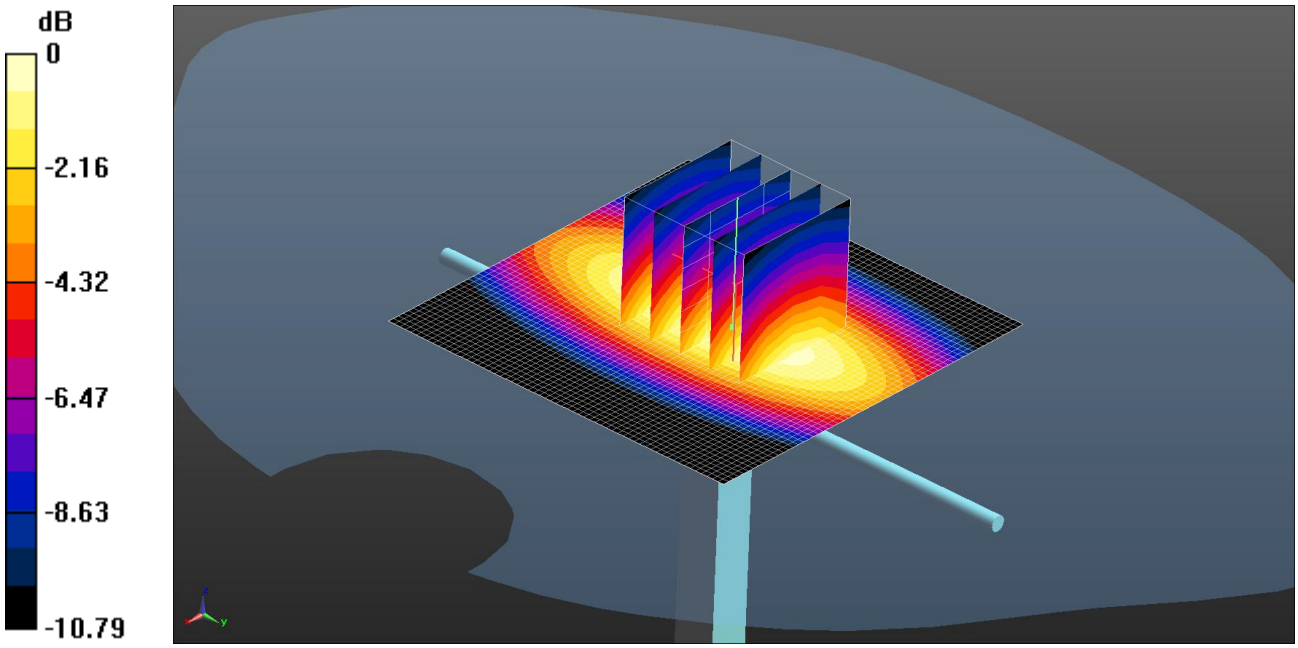


0 dB = 2.90 W/kg = 4.62 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used: f = 900 MHz; σ = 1.057 S/m; ε_r = 53.336; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(6.11, 6.11, 6.11); Calibrated: 31/08/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.91 W/kg
SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 52.650 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.98 W/kg
SAR(1 g) = 2.69 W/kg; SAR(10 g) = 1.75 W/kg
Maximum value of SAR (measured) = 2.90 W/kg

120: System Performance Check 900MHz Body 28 06 13
Date: 28/06/2013
DUT: Dipole 900 MHz; Type: D900V2; Serial: 035

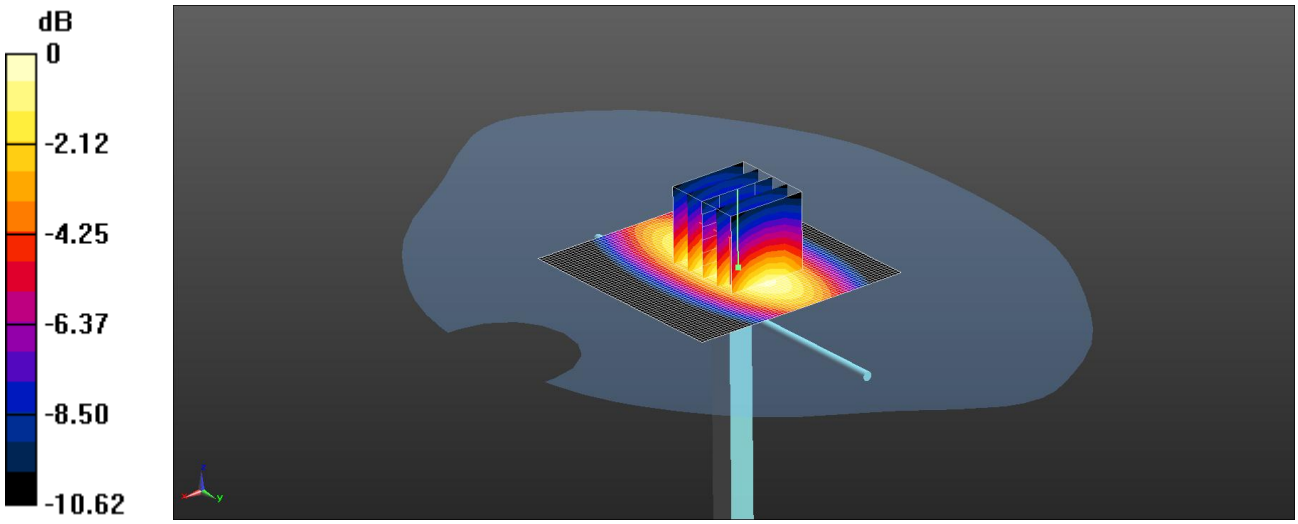


0 dB = 3.00 W/kg = 4.77 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used: f = 900 MHz; σ = 1.041 S/m; ε_r = 52.931; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(6.11, 6.11, 6.11); Calibrated: 31/08/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.04 W/kg
SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 54.608 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 4.12 W/kg
SAR(1 g) = 2.79 W/kg; SAR(10 g) = 1.82 W/kg
Maximum value of SAR (measured) = 3.00 W/kg

121: System Performance Check 900MHz Body 01 07 13
Date: 01/07/2013
DUT: Dipole 900 MHz; Type: D900V2; Serial: 035



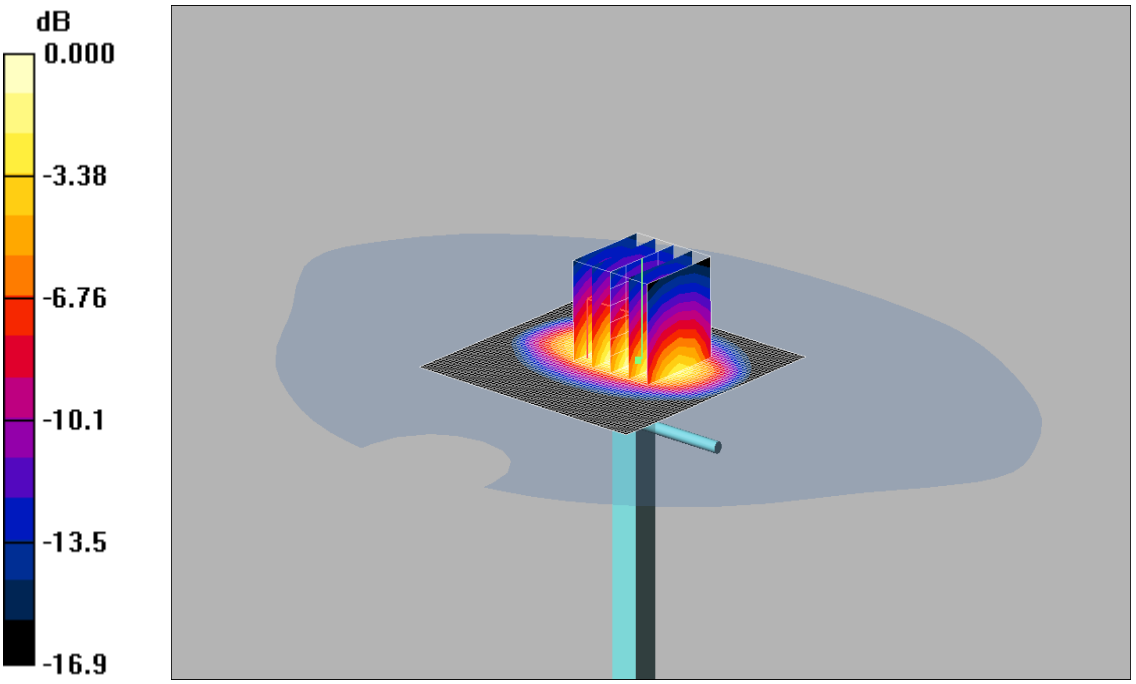
0 dB = 2.98 W/kg = 4.74 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used: f = 900 MHz; σ = 1.054 S/m; ε_r = 52.907; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(6.11, 6.11, 6.11); Calibrated: 31/08/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.99 W/kg

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 53.768 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 4.06 W/kg
SAR(1 g) = 2.75 W/kg; SAR(10 g) = 1.8 W/kg
Maximum value of SAR (measured) = 2.98 W/kg

122: System Performance Check 1800MHz Head 25 06 13
Date: 25/06/2013
DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264

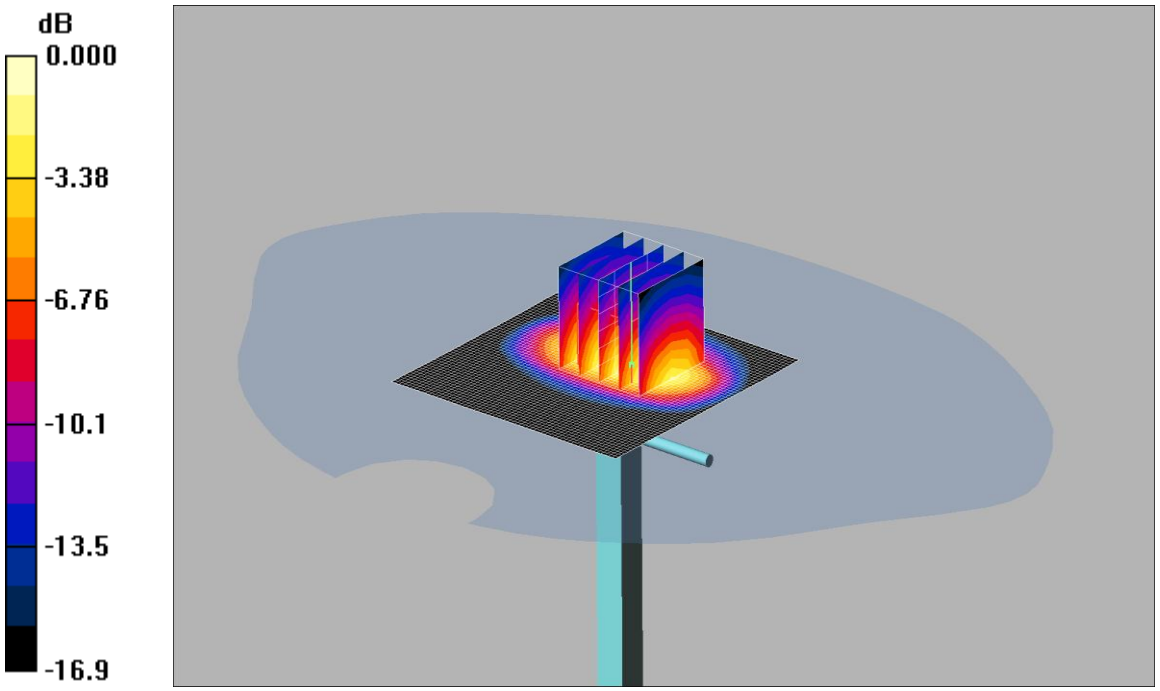


0 dB = 9.75mW/g

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: 1800 MHz HSL Medium parameters used: f = 1800 MHz; σ = 1.38 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(5.13, 5.13, 5.13); Calibrated: 22/04/2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 22/01/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186
d=10mm, Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.1 mW/g

d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 88.1 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 14.6 W/kg
SAR(1 g) = 8.85 mW/g; SAR(10 g) = 4.84 mW/g
Maximum value of SAR (measured) = 9.75 mW/g

123: System Performance Check 1800MHz Body 11 07 13
Date: 11/07/2013
DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264



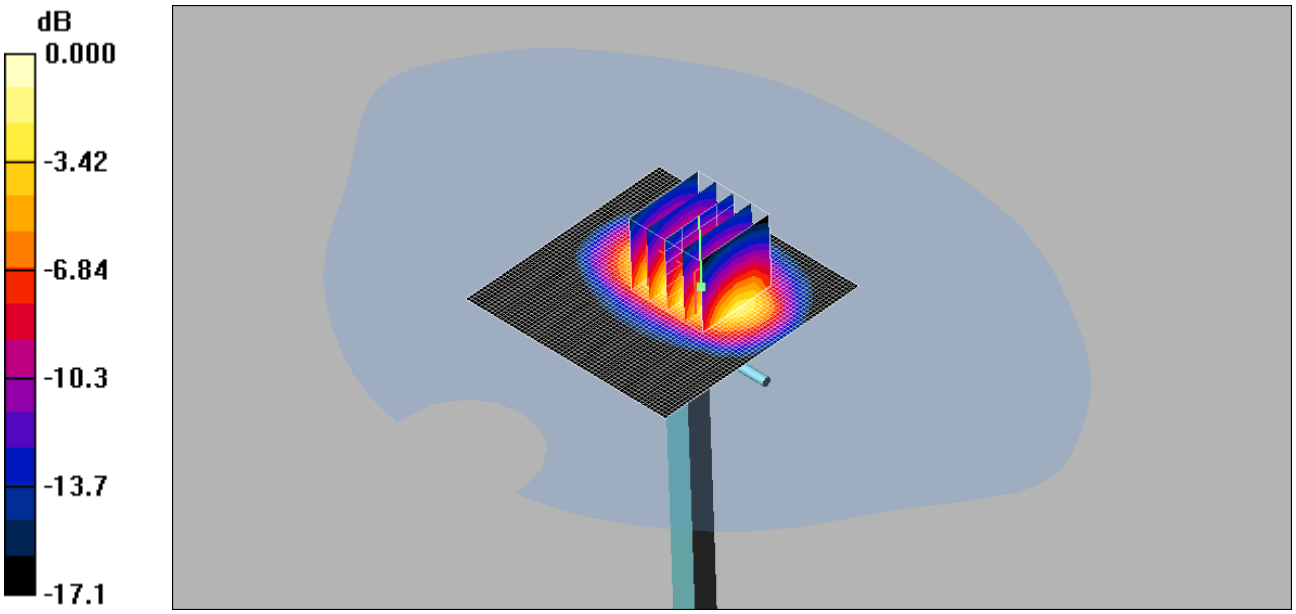
0 dB = 10.4mW/g

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: 1800 MHz MSL Medium parameters used: f = 1800 MHz; σ = 1.56 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.64, 4.64, 4.64); Calibrated: 26/07/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

d=10mm, Pin=250mW 2 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.7 mW/g

d=10mm, Pin=250mW 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 79.2 V/m; Power Drift = 0.005 dB
Peak SAR (extrapolated) = 14.5 W/kg
SAR(1 g) = 9.4 mW/g; SAR(10 g) = 5.16 mW/g
Maximum value of SAR (measured) = 10.4 mW/g

124: System Performance Check 1800MHz Body 12 07 13
Date: 12/07/2013
DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264

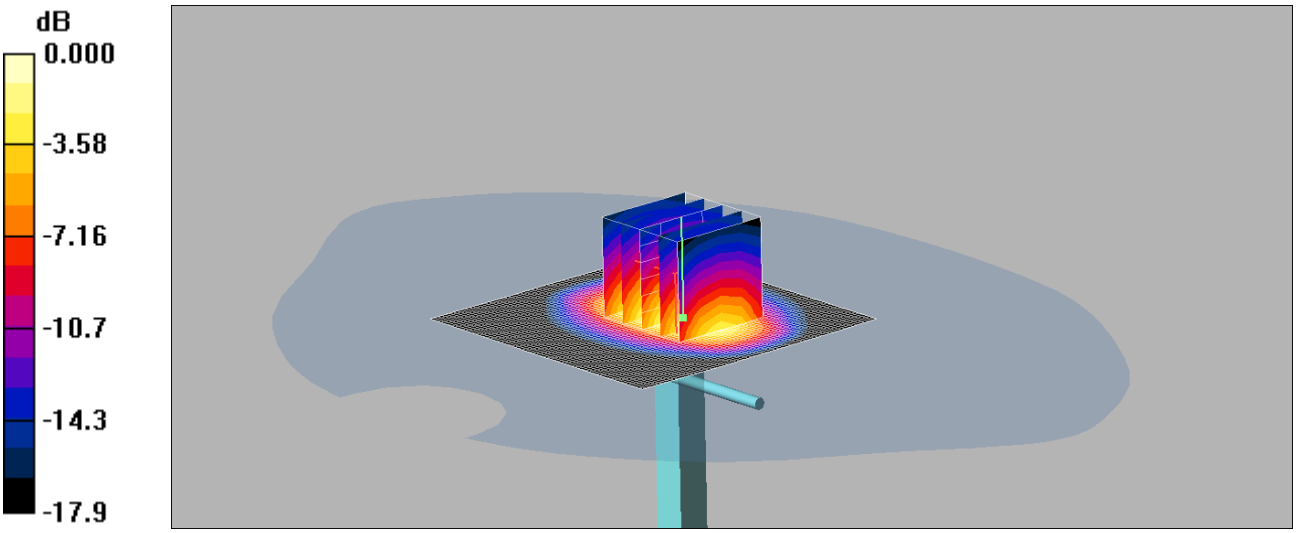


0 dB = 10.5mW/g

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: 1800 MHz MSL Medium parameters used: f = 1800 MHz; σ = 1.56 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.64, 4.64, 4.64); Calibrated: 26/07/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

d=10mm, Pin=250mW 2 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.7 mW/g
d=10mm, Pin=250mW 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 80.2 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 14.7 W/kg
SAR(1 g) = 9.39 mW/g; SAR(10 g) = 5.11 mW/g
Maximum value of SAR (measured) = 10.5 mW/g

125: System Performance Check 1900MHz Head 25 06 13
Date/Time: 25/06/2013
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537



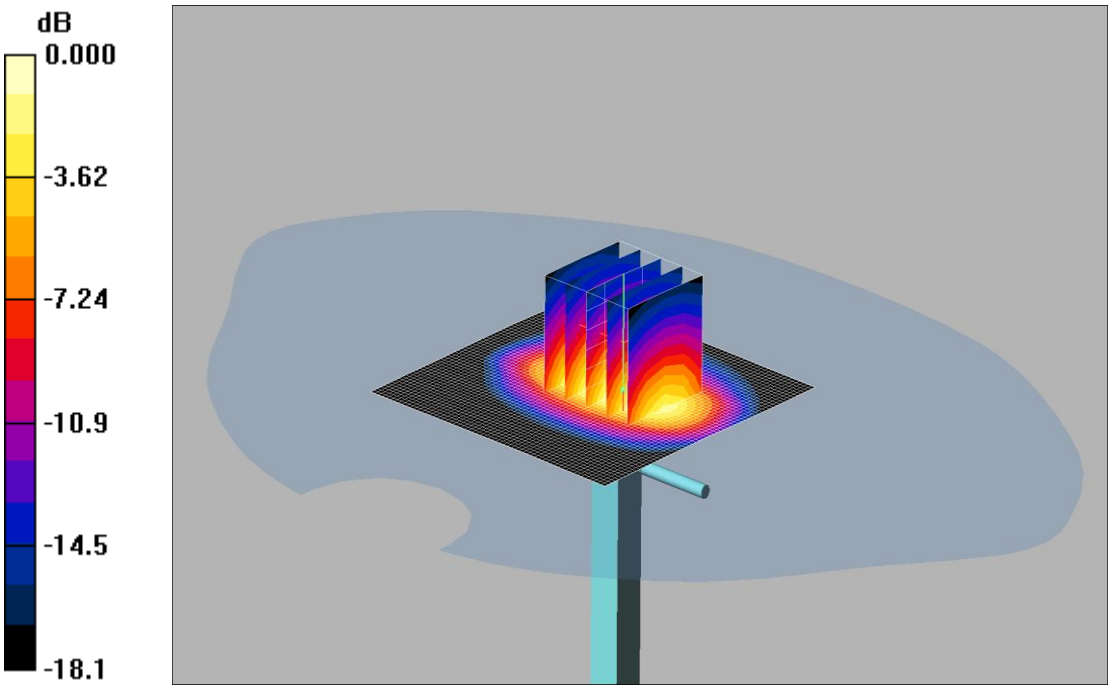
0 dB = 11.3mW/g

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used: f = 1900 MHz; σ = 1.41 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(4.93, 4.93, 4.93); Calibrated: 22/04/2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 22/01/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

d=10mm, Pin=250mW 2 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 13.1 mW/g

d=10mm, Pin=250mW 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 94.9 V/m; Power Drift = -0.156 dB
Peak SAR (extrapolated) = 17.2 W/kg
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.38 mW/g
Maximum value of SAR (measured) = 11.3 mW/g

126: System Performance Check 1900MHz Head 01 07 13
Date: 01/07/2013
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537



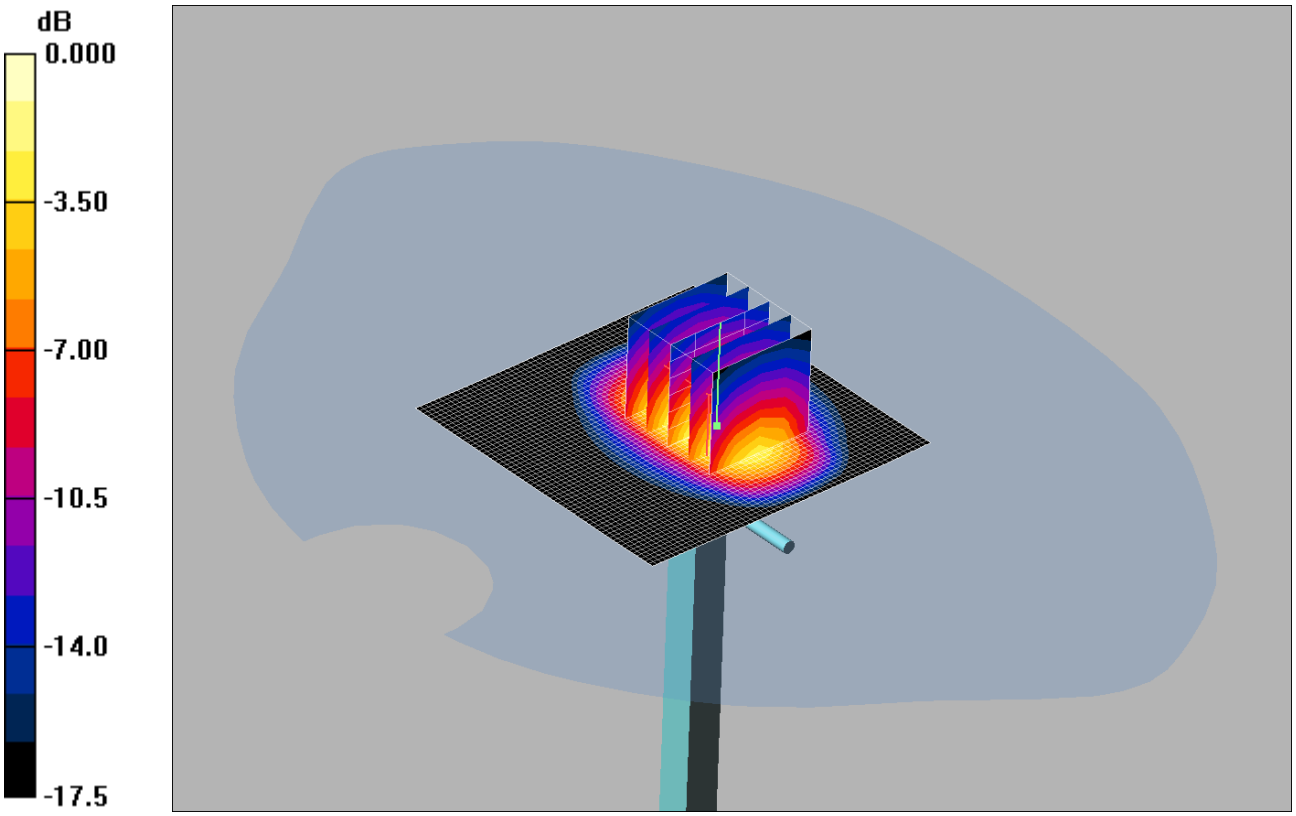
0 dB = 10.9mW/g

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used: f = 1900 MHz; σ = 1.42 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.92, 4.92, 4.92); Calibrated: 26/07/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

d=10mm, Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 12.3 mW/g

d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 94.3 V/m; Power Drift = 0.005 dB
Peak SAR (extrapolated) = 17.0 W/kg
SAR(1 g) = 9.74 mW/g; SAR(10 g) = 5.1 mW/g
Maximum value of SAR (measured) = 10.9 mW/g

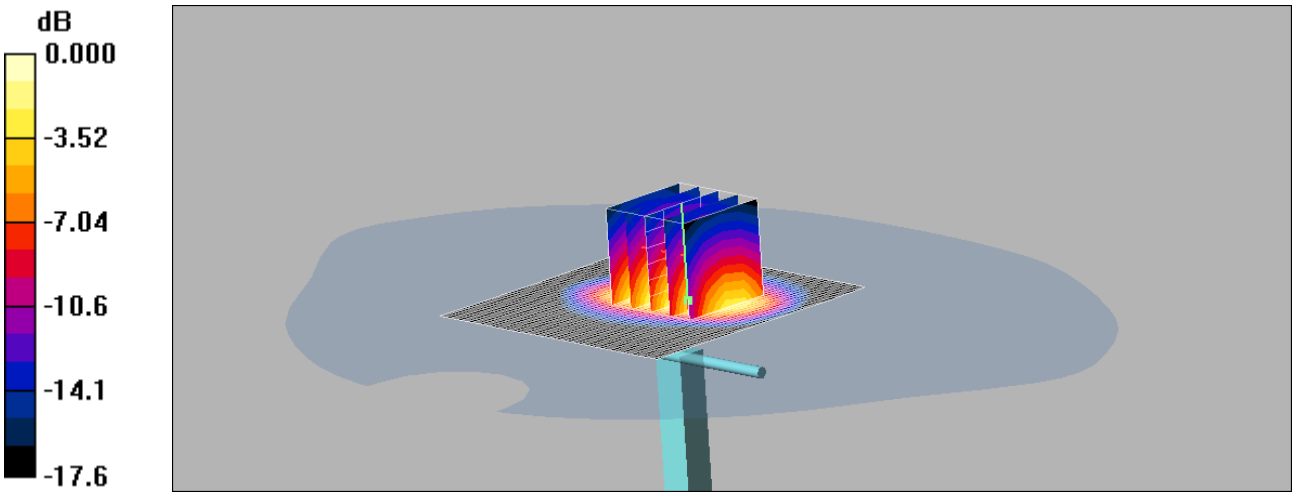
127: System Performance Check 1900MHz Body 28 06 13
Date 28/06/2013
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537



0 dB = 11.7mW/g

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used: f = 1900 MHz; σ = 1.57 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186
d=10mm, Pin=250mW 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 13.5 mW/g
d=10mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 88.6 V/m; Power Drift = 0.092 dB
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.5 mW/g
Maximum value of SAR (measured) = 11.7 mW/g

128: System Performance Check 1900MHz Body 29 06 13
Date: 29/06/2013
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537



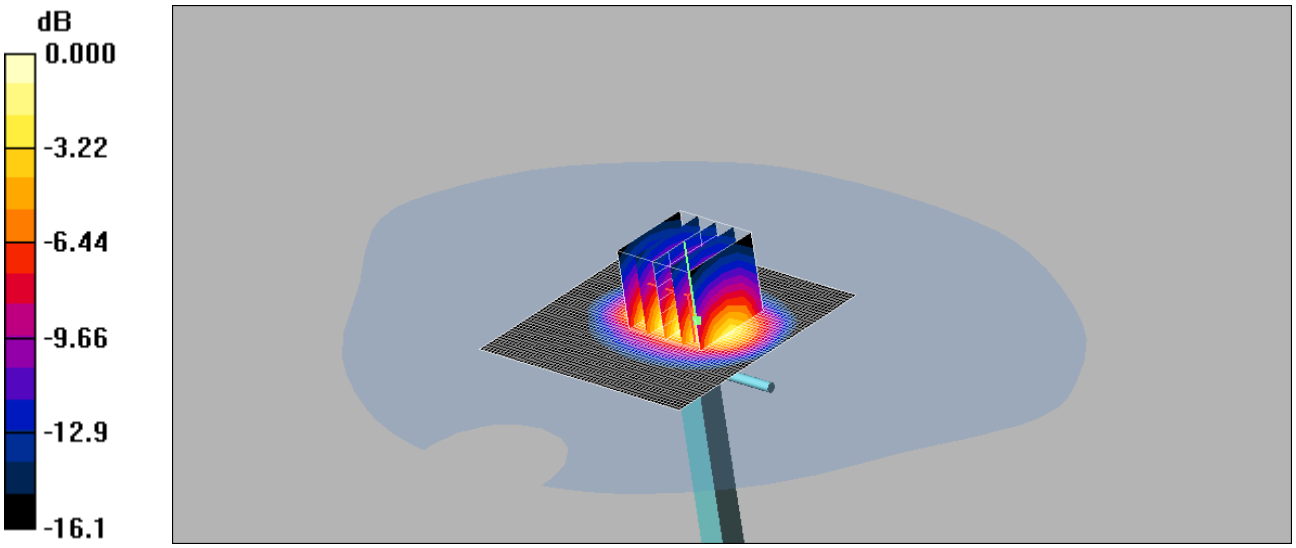
0 dB = 10.9mW/g

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used: f = 1900 MHz; σ = 1.57 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

d=10mm, Pin=250mW 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 13.1 mW/g

d=10mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 88.0 V/m; Power Drift = -0.087 dB
Peak SAR (extrapolated) = 16.3 W/kg
SAR(1 g) = 9.7 mW/g; SAR(10 g) = 5.14 mW/g
Maximum value of SAR (measured) = 10.9 mW/g

129: System Performance Check 1900MHz Body 11 07 13
Date: 11/07/2013
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537



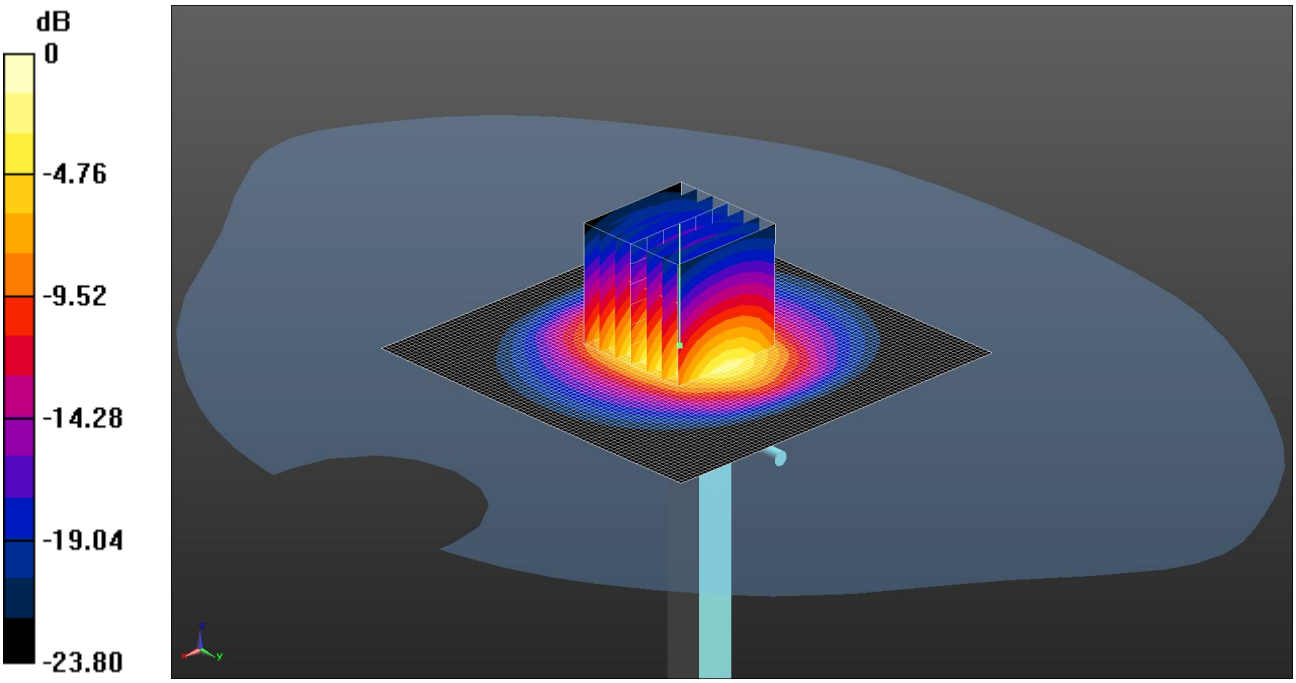
0 dB = 11.0mW/g

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used: f = 1900 MHz; σ = 1.56 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

d=10mm, Pin=250mW 2 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 13.6 mW/g

d=10mm, Pin=250mW 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 92.3 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 9.8 mW/g; SAR(10 g) = 5.16 mW/g
Maximum value of SAR (measured) = 11.0 mW/g

130: System Performance Check 2450MHz Head 09 07 13
Date: 09/07/2013
DUT: Dipole 2440 MHz; Type: D2440V2; Serial: 701

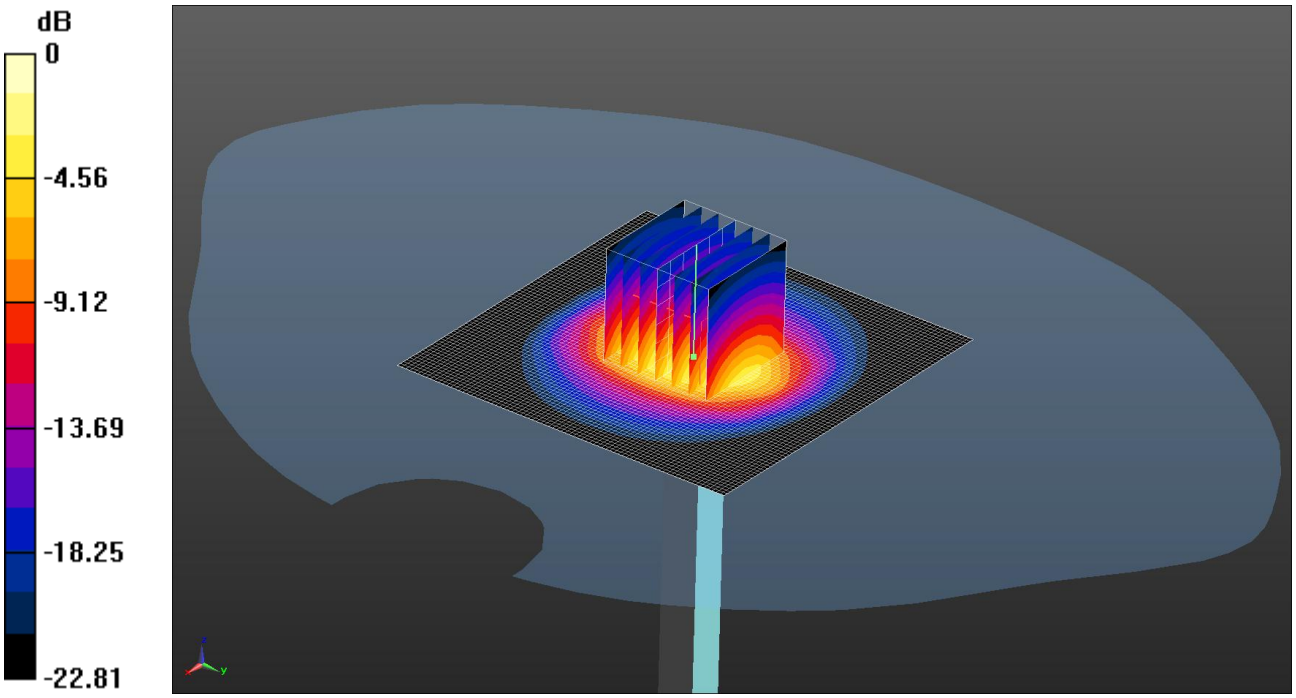


0 dB = 15.3 W/kg = 11.85 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used: f = 2450 MHz; σ = 1.814 S/m; ε_r = 38.466; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.59, 4.59, 4.59); Calibrated: 31/08/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/d=10mm, Pin=250mW 2/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 15.5 W/kg
Configuration/d=10mm, Pin=250mW 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.124 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 29.4 W/kg
SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.01 W/kg
Maximum value of SAR (measured) = 15.3 W/kg

131: System Performance Check 2450MHz Head 10 07 13
Date: 10/07/2013
DUT: Dipole 2440 MHz; Type: D2440V2; Serial: 701

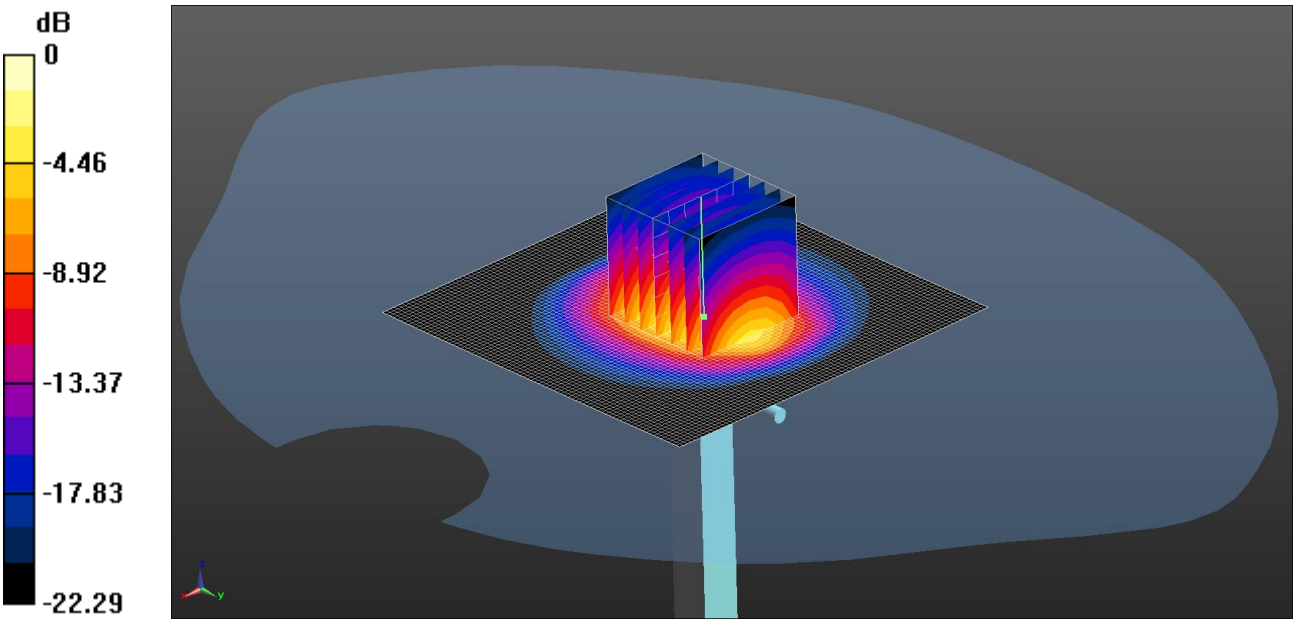


0 dB = 14.9 W/kg = 11.73 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used: f = 2450 MHz; σ = 1.789 S/m; ε_r = 40.314; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.59, 4.59, 4.59); Calibrated: 31/08/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/d=10mm, Pin=250mW 2/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 15.0 W/kg
Configuration/d=10mm, Pin=250mW 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.205 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 27.9 W/kg
SAR(1 g) = 13 W/kg; SAR(10 g) = 5.9 W/kg
Maximum value of SAR (measured) = 14.9 W/kg

132: System Performance Check 2450MHz Body 08 07 13
Date: 08/07/2013
DUT: Dipole 2440 MHz; Type: D2440V2; Serial: 701

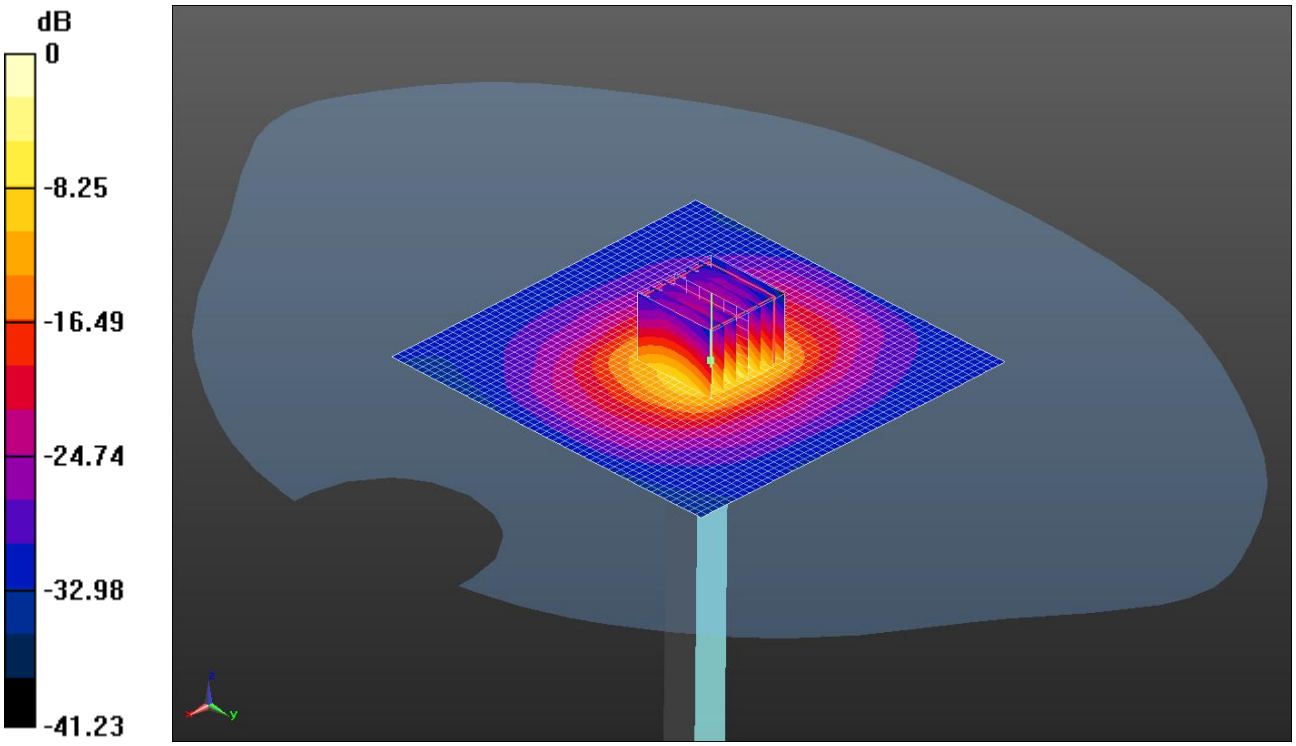


0 dB = 15.4 W/kg = 11.88 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used: f = 2450 MHz; σ = 2.008 S/m; ε_r = 51.512; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.32, 4.32, 4.32); Calibrated: 31/08/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/d=10mm, Pin=250mW 2 2 2/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 15.7 W/kg
Configuration/d=10mm, Pin=250mW 2 2 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 87.655 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 28.8 W/kg
SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.05 W/kg
Maximum value of SAR (measured) = 15.4 W/kg

133: System Performance Check 5200MHz Head 12 07 13
Date 12/07/2013
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

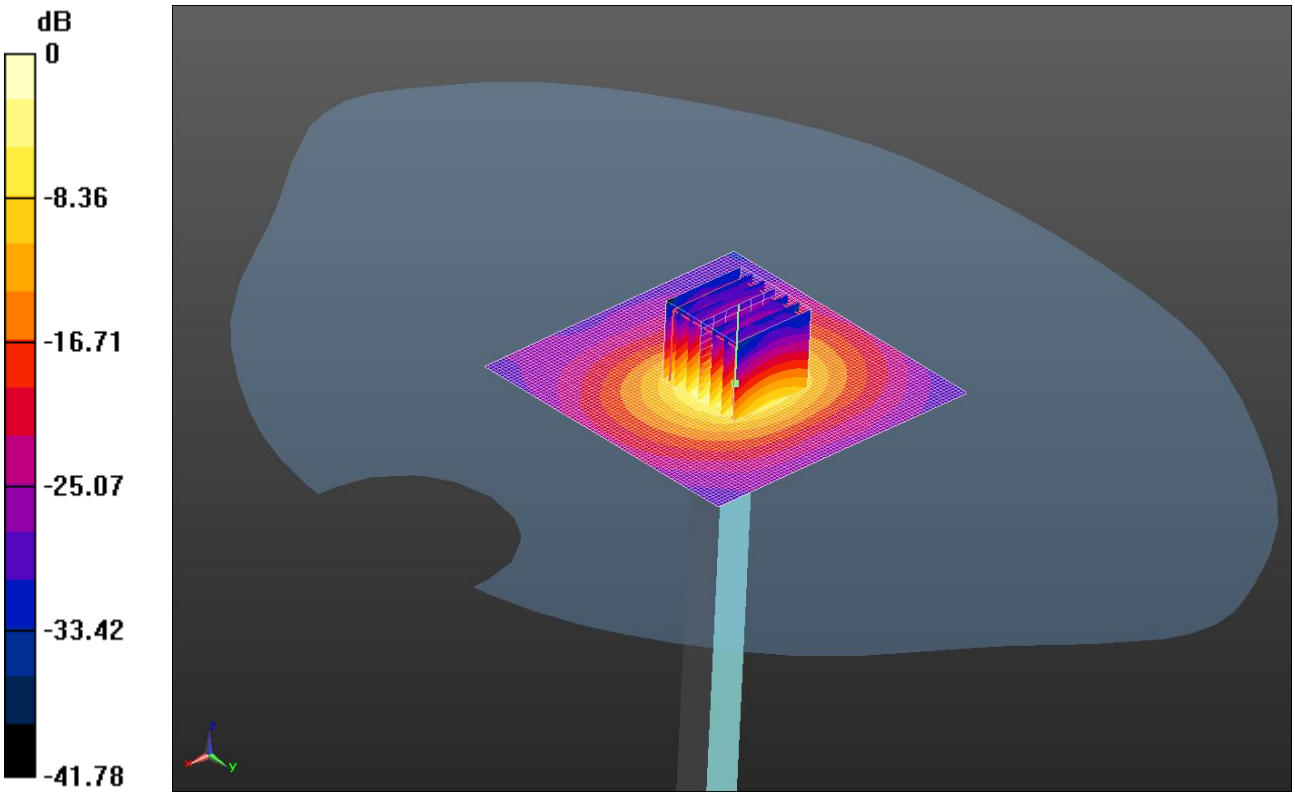


0 dB = 16.5 W/kg = 12.17 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: 5200 MHz HSL Medium parameters used: f = 5200 MHz; σ = 4.73 S/m; ε_r = 35.027; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/d=10mm, Pin=100mW 2 2 2/Area Scan (51x51x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm
Maximum value of SAR (interpolated) = 3.69 W/kg
Configuration/d=10mm, Pin=100mW 2 2 2/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 43.893 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 31.0 W/kg
SAR(1 g) = 7.99 W/kg; SAR(10 g) = 2.29 W/kg
Maximum value of SAR (measured) = 16.5 W/kg

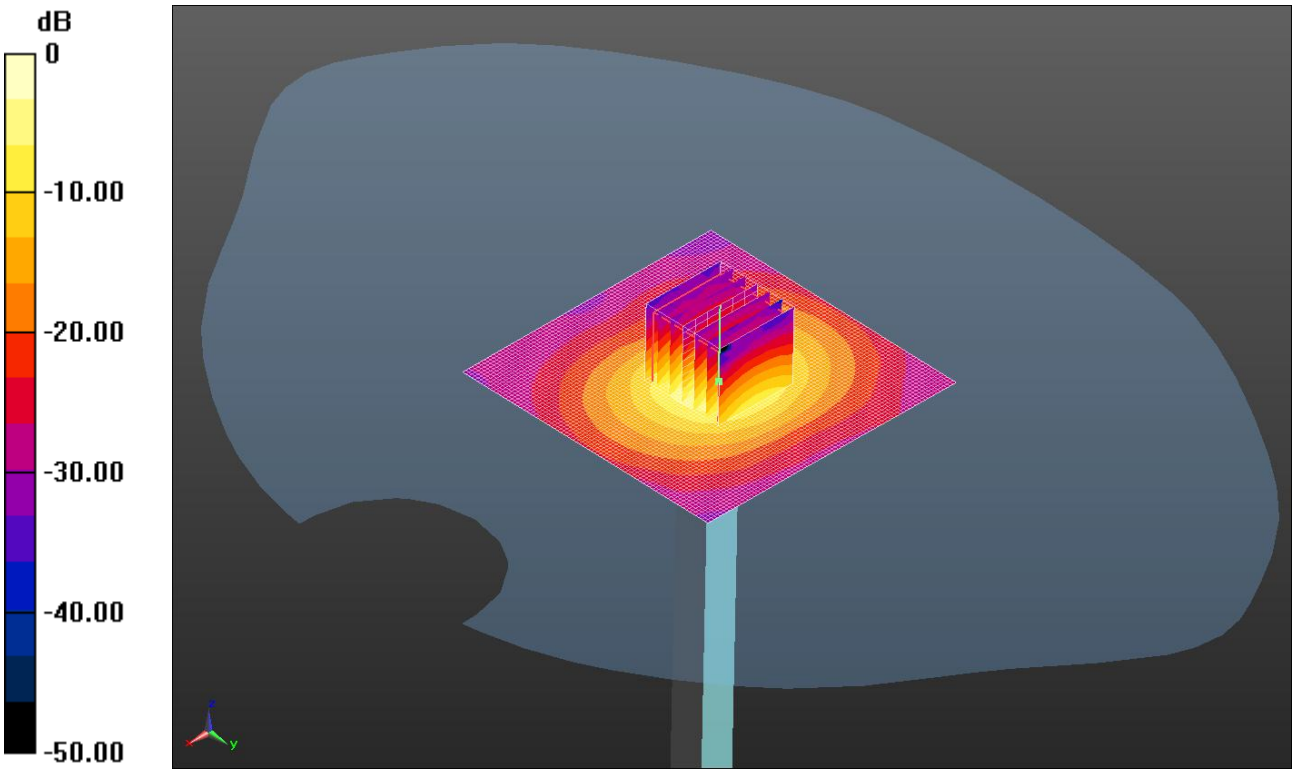
134: System Performance Check 5200MHz Head 13 07 13
Date: 13/07/2013
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



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

Communication System: UID 0 - n/a, CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: 5200 MHz HSL Medium parameters used: f = 5200 MHz; σ = 4.653 S/m; ε_r = 35.905; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)
Configuration/d=10mm, Pin=100mW 3 2 2 2 2/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.9 W/kg
Configuration/d=10mm, Pin=100mW 3 2 2 2 2/Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 63.228 V/m; Power Drift = -0.65 dB
Peak SAR (extrapolated) = 30.0 W/kg
SAR(1 g) = 7.69 W/kg; SAR(10 g) = 2.23 W/kg
Maximum value of SAR (measured) = 15.8 W/kg

135: System Performance Check 5200MHz Head 15 07 13
Date: 15/07/2013
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

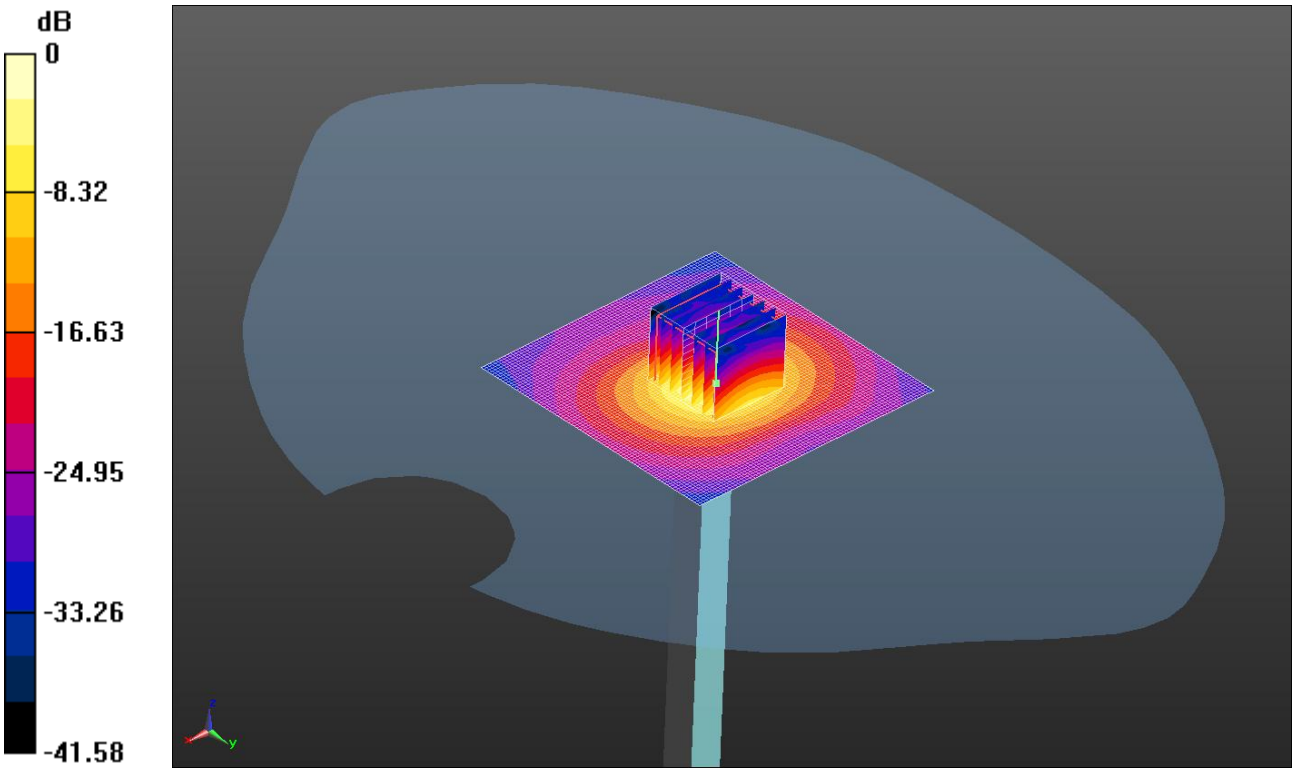


0 dB = 16.5 W/kg = 12.17 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: 5200 MHz HSL Medium parameters used: f = 5200 MHz; σ = 4.889 S/m; ε_r = 35.844; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/d=10mm, Pin=100mW 3 2 2 2 2/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.2 W/kg
Configuration/d=10mm, Pin=100mW 3 2 2 2 2/Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 58.907 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 31.6 W/kg
SAR(1 g) = 8.05 W/kg; SAR(10 g) = 2.33 W/kg
Maximum value of SAR (measured) = 16.5 W/kg

136: System Performance Check 5500MHz Head 15 07 13
Date: 15/07/2013
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

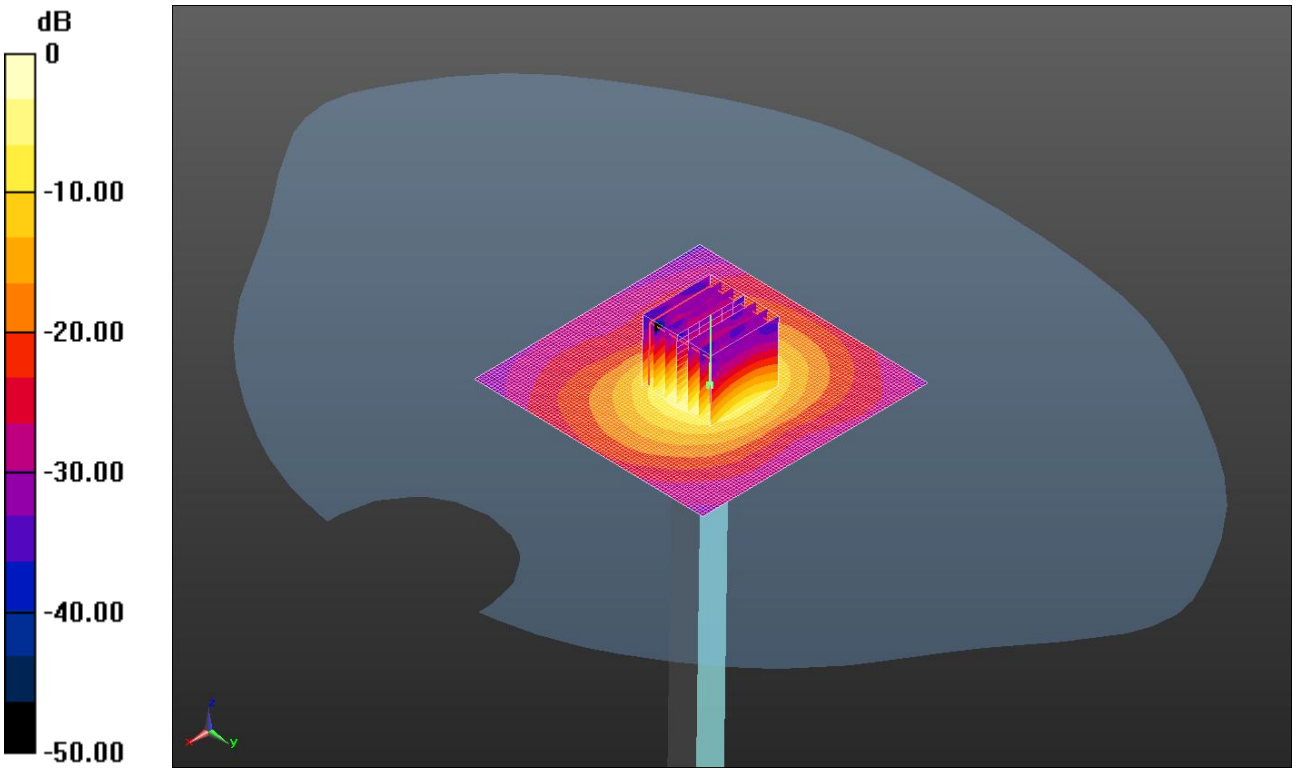


0 dB = 18.2 W/kg = 12.60 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: 5200 MHz HSL Medium parameters used: f = 5500 MHz; σ = 5.02 S/m; ε_r = 35.429; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.54, 4.54, 4.54); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/d=10mm, Pin=100mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 17.6 W/kg
Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 60.511 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 35.9 W/kg
SAR(1 g) = 8.65 W/kg; SAR(10 g) = 2.45 W/kg
Maximum value of SAR (measured) = 18.2 W/kg

137: System Performance Check 5800MHz Head 15 07 13
Date: 15/07/2013
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

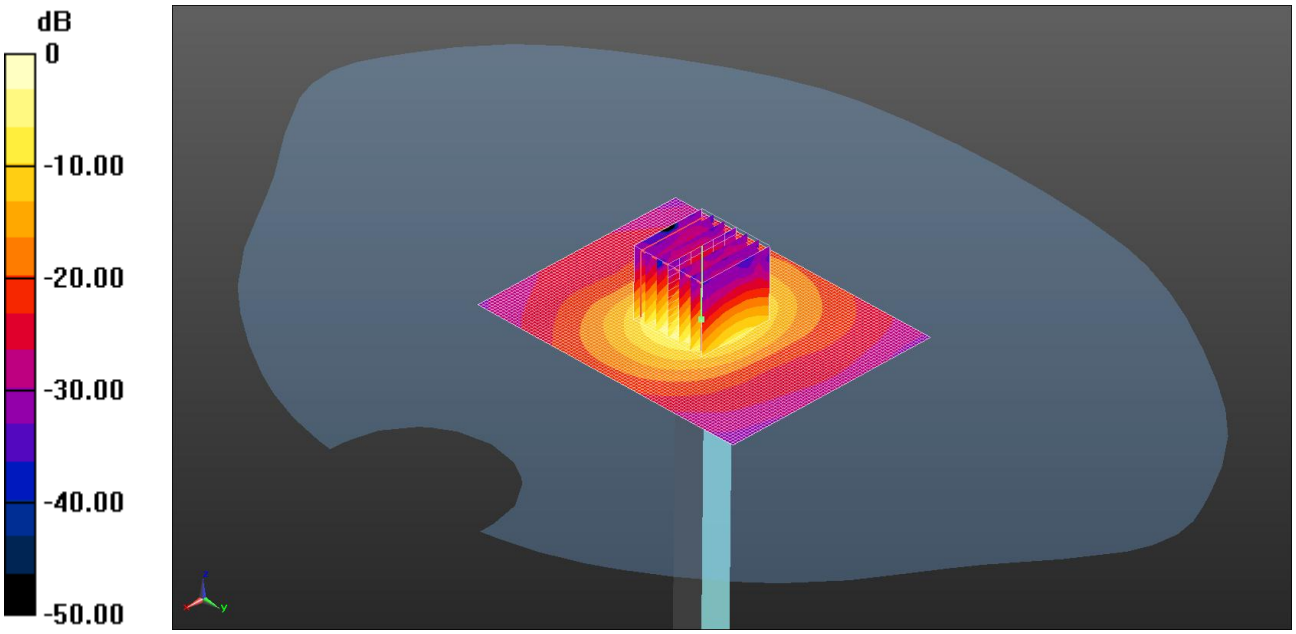


0 dB = 16.8 W/kg = 12.25 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: 5200 MHz HSL Medium parameters used: f = 5800 MHz; σ = 5.318 S/m; ε_r = 34.997; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.5, 4.5, 4.5); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/d=10mm, Pin=100mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 17.1 W/kg
Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 58.303 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 34.8 W/kg
SAR(1 g) = 8.07 W/kg; SAR(10 g) = 2.28 W/kg
Maximum value of SAR (measured) = 16.8 W/kg

138: System Performance Check 5200MHz Body 13 07 13
Date: 13/07/2013
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

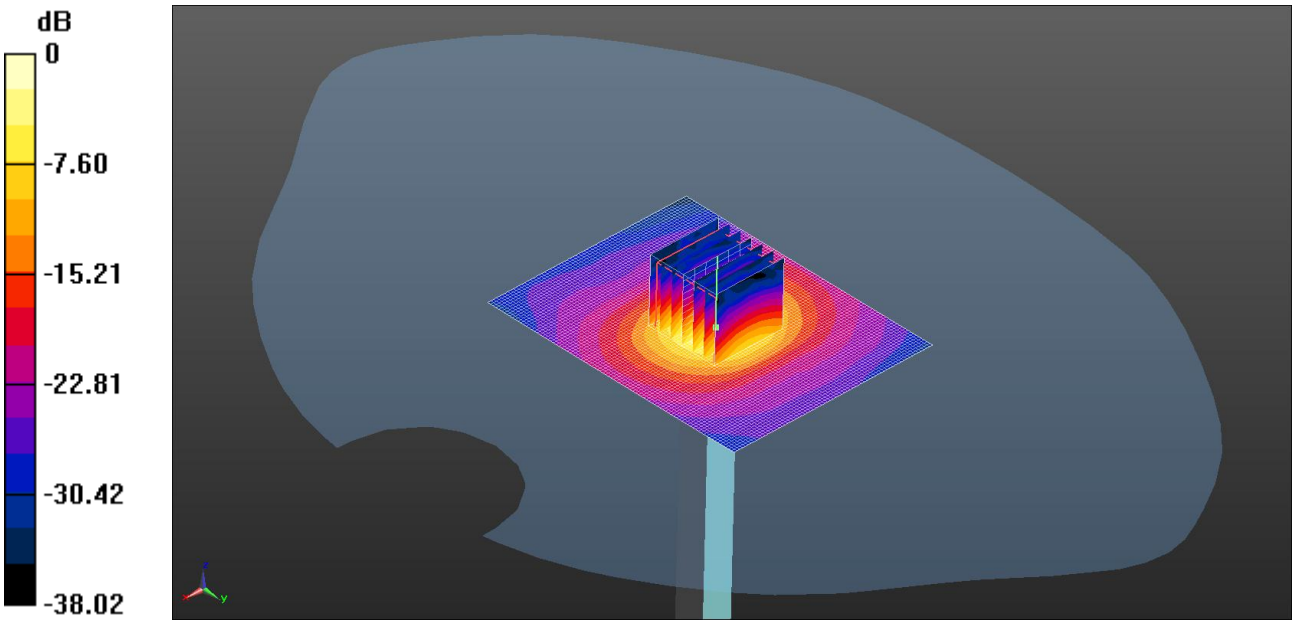


0 dB = 15.6 W/kg = 11.93 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used: f = 5200 MHz; σ = 5.441 S/m; ε_r = 48.103; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.7 W/kg
Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 41.652 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 29.4 W/kg
SAR(1 g) = 7.5 W/kg; SAR(10 g) = 2.09 W/kg
Maximum value of SAR (measured) = 15.6 W/kg

139: System Performance Check 5200MHz Body 16 07 13
Date: 16/07/2013
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

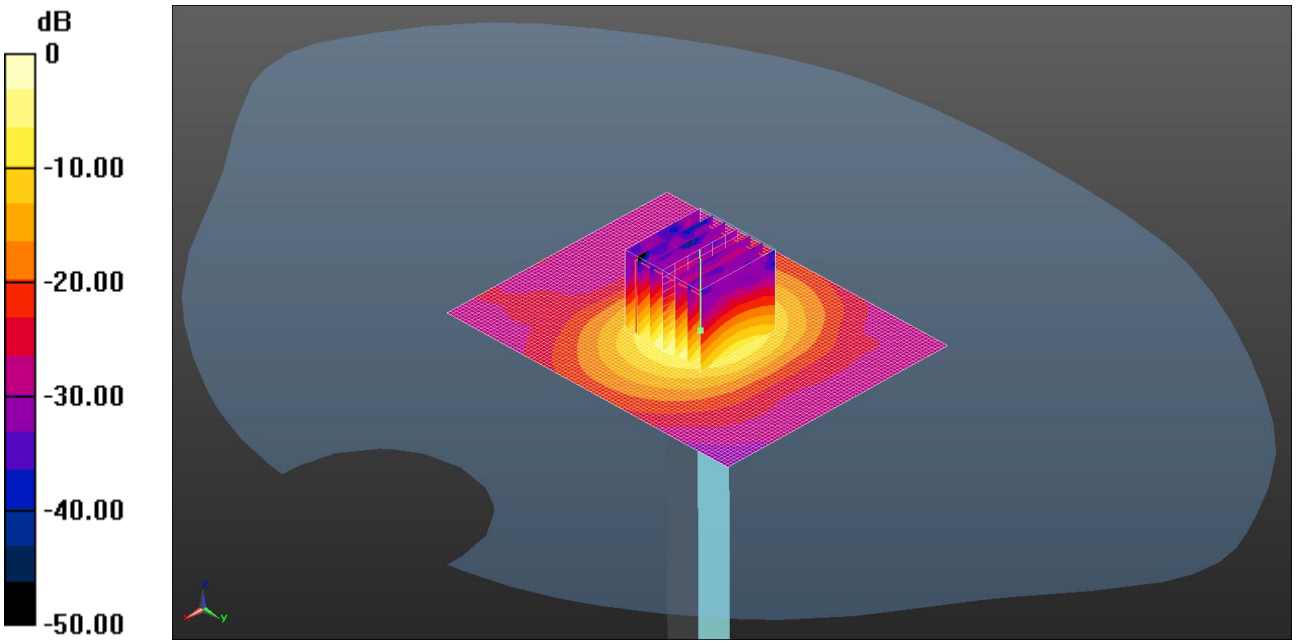


0 dB = 15.3 W/kg = 11.85 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used: f = 5200 MHz; σ = 5.48 S/m; ε_r = 48.173; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 15.5 W/kg
Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) 2 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 40.012 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 29.1 W/kg
SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.03 W/kg
Maximum value of SAR (measured) = 15.3 W/kg

140: System Performance Check 5500MHz Body 16 07 13
Date: 16/07/2013
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

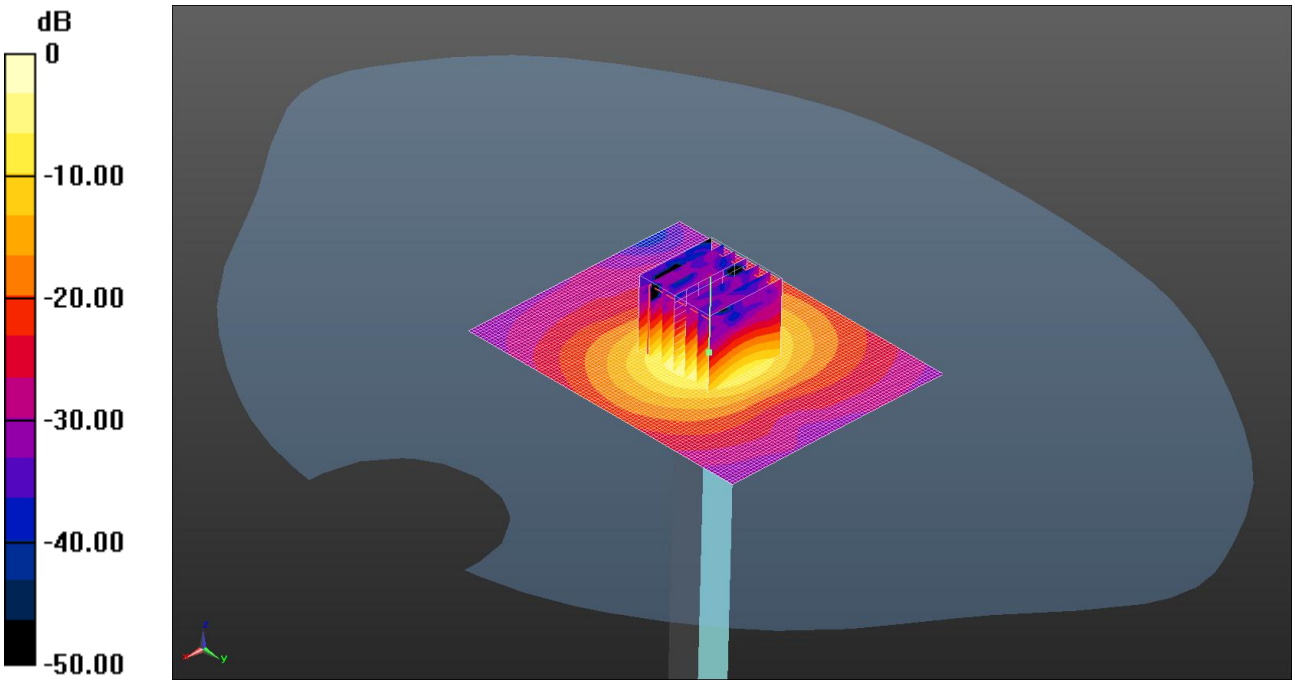


0 dB = 17.5 W/kg = 12.43 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used: f = 5500 MHz; σ = 5.779 S/m; ε_r = 48.207; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.02, 4.02, 4.02); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.6 W/kg
Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 40.742 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 35.1 W/kg
SAR(1 g) = 8.14 W/kg; SAR(10 g) = 2.25 W/kg
Maximum value of SAR (measured) = 17.5 W/kg

141: System Performance Check 5800MHz Body 16 07 13
Date: 16/07/2013
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 16.1 W/kg = 12.07 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used: f = 5800 MHz; σ = 6.153 S/m; ε_r = 47.813; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.97, 3.97, 3.97); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.7 W/kg
Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 37.126 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 32.0 W/kg
SAR(1 g) = 7.46 W/kg; SAR(10 g) = 2.05 W/kg
Maximum value of SAR (measured) = 16.1 W/kg