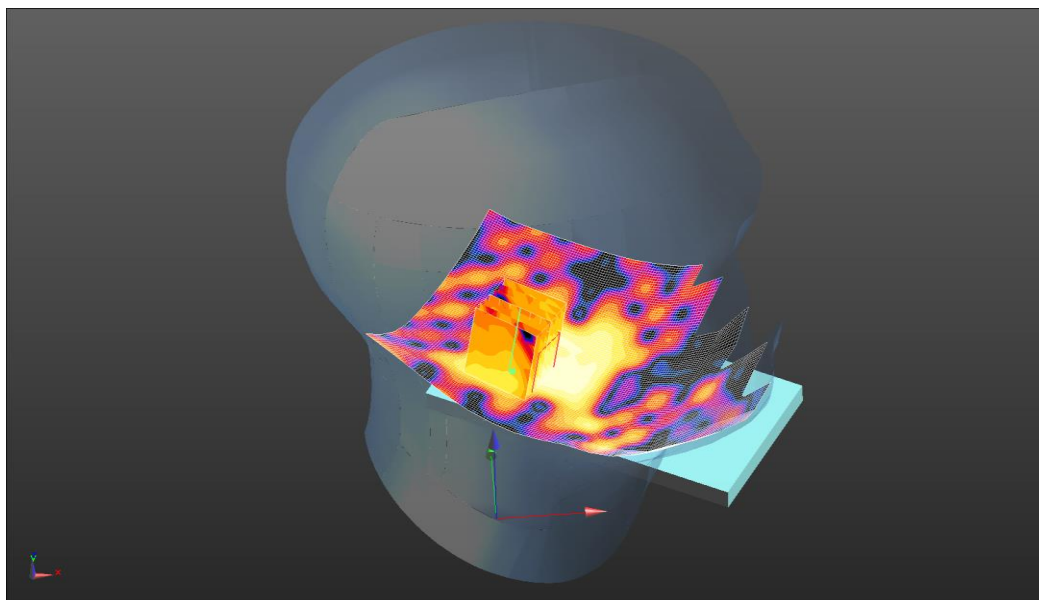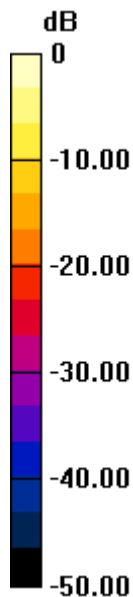034: Touch Left WiFi 802.11b 1Mbps CH6
Date: 10/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.156 W/kg = -8.07 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.844 S/m; ε_r = 38.822; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(7.34, 7.34, 7.34); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Left - Middle 2 2/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.185 W/kg

Configuration/Touch Left - Middle 2 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.533 V/m; Power Drift = 0.09 dB
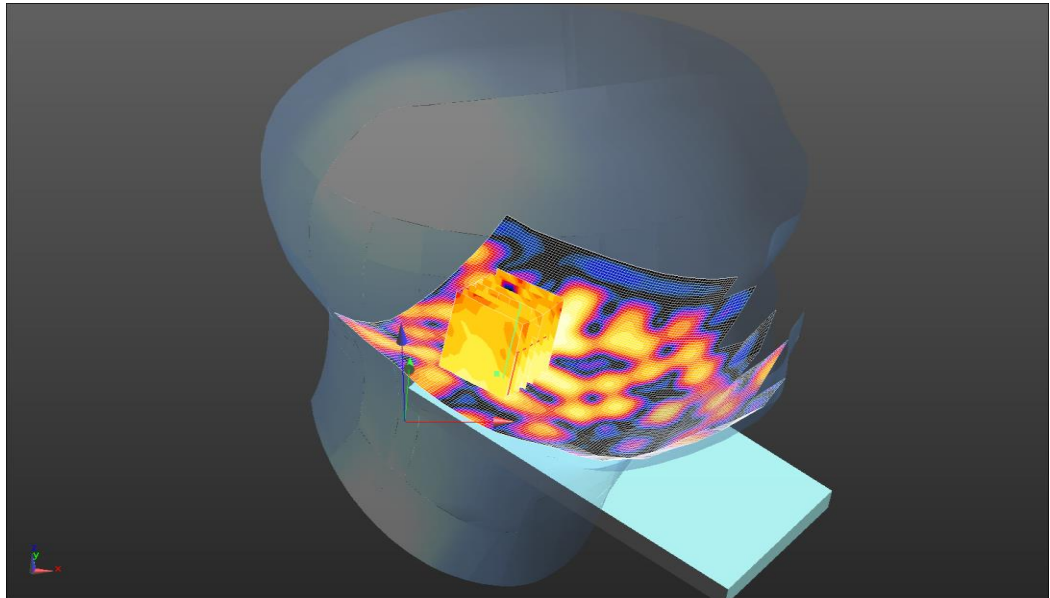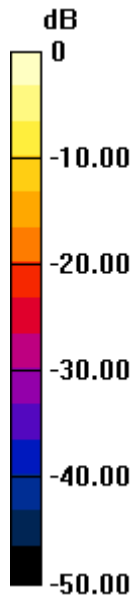Peak SAR (extrapolated) = 0.161 W/kg
SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.156 W/kg

035: Tilt Left WiFi 802.11b 1Mbps CH6
Date: 10/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.0688 W/kg = -11.62 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.844 S/m; ε_r = 38.822; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(7.34, 7.34, 7.34); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Tilt Left - Middle/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0685 W/kg

Configuration/Tilt Left - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.392 V/m; Power Drift = 2.38 dB
Peak SAR (extrapolated) = 0.0970 W/kg
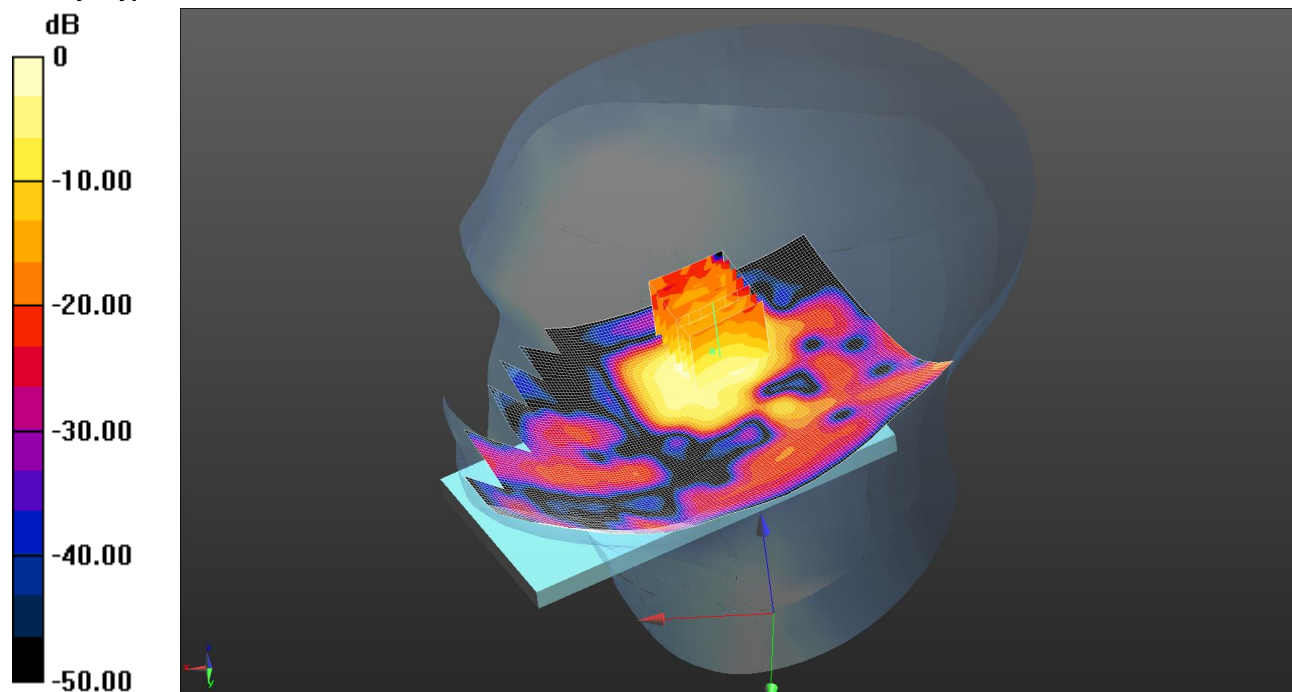**SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.020 W/kg**

Maximum value of SAR (measured) = 0.0688 W/kg

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

036: Touch Right WiFi 802.11b 1Mbps CH6
Date: 10/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.417 W/kg = -3.80 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.844 S/m; ε_r = 38.822; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(7.34, 7.34, 7.34); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)
Configuration/Touch Right - Middle/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.863 W/kg
Configuration/Touch Right - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
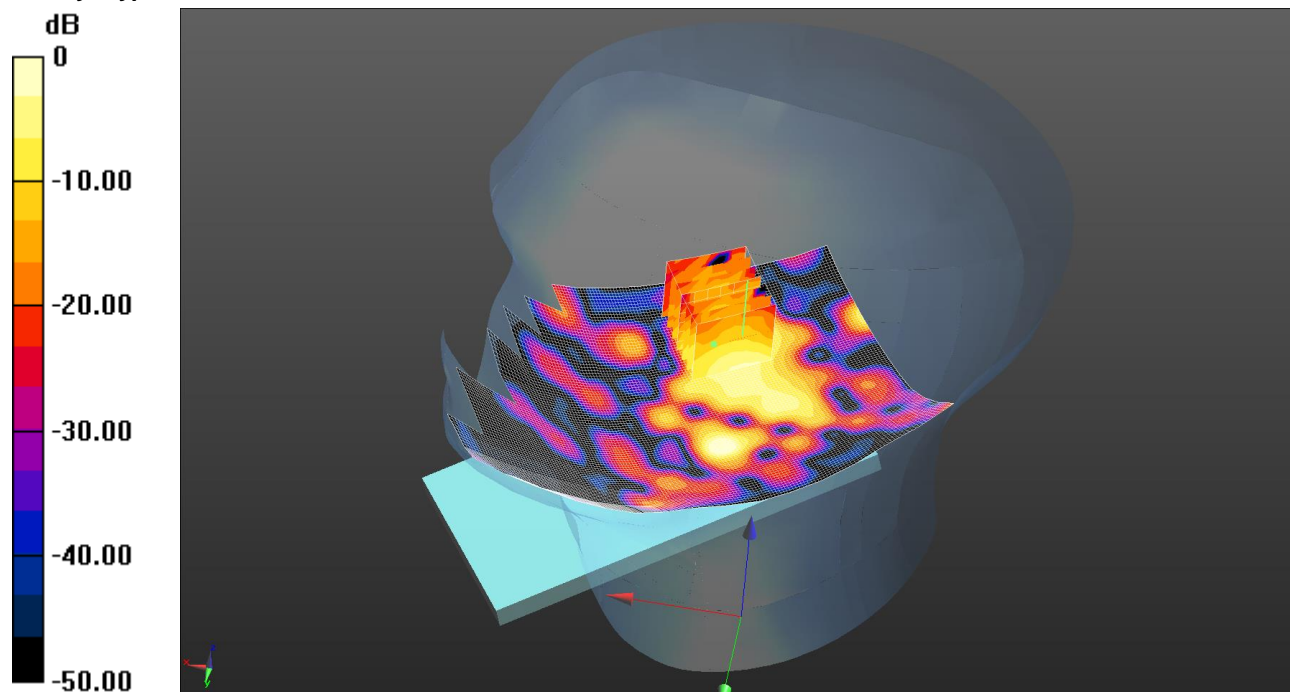Reference Value = 14.050 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.581 W/kg
SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.159 W/kg
Maximum value of SAR (measured) = 0.417 W/kg

037: Tilt Right WiFi 802.11b 1Mbps CH6
Date: 10/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.278 W/kg = -5.56 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.844 S/m; ε_r = 38.822; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(7.34, 7.34, 7.34); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)
Configuration/Tilt Right - Middle/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.453 W/kg
Configuration/Tilt Right - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.355 V/m; Power Drift = 0.84 dB
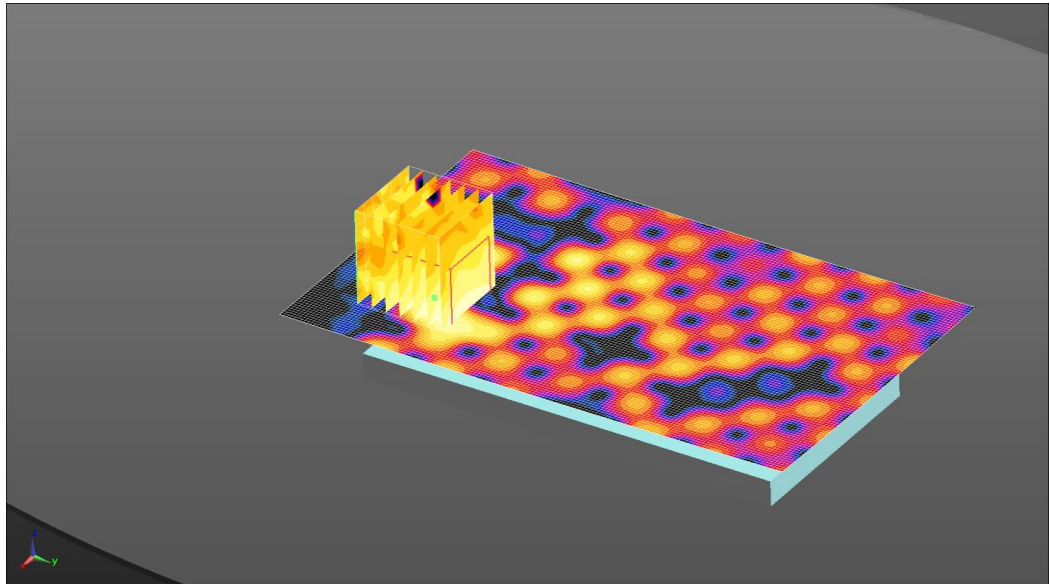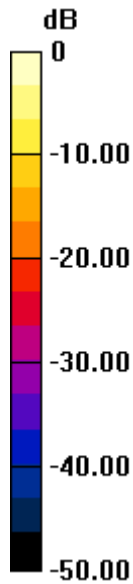Peak SAR (extrapolated) = 0.385 W/kg
SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.278 W/kg

038: Front Of EUT Facing Phantom WiFi 802.11b 1Mbps CH6
Date: 09/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.102 W/kg = -9.92 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 2.007 S/m; ε_r = 51.487; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(7.39, 7.39, 7.39); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (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/Front of EUT Facing Phantom - Middle/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

Configuration/Front of EUT Facing Phantom - Middle/Zoom Scan (7x7x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.271 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.161 W/kg
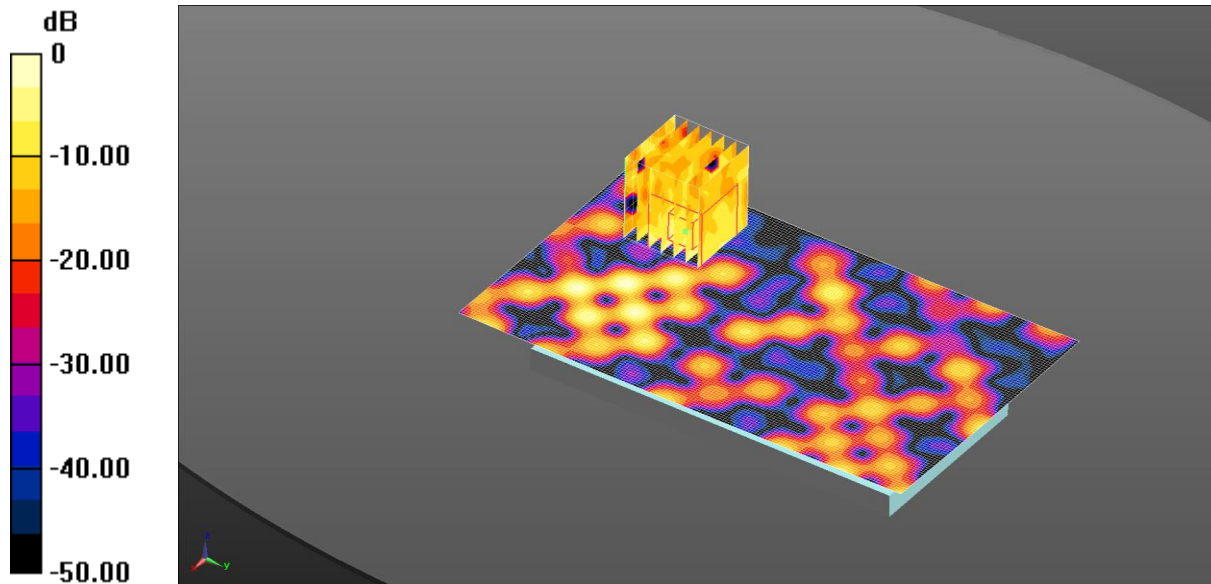**SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.027 W/kg**

Maximum value of SAR (measured) = 0.0696 W/kg

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

039: Back Of EUT Facing Phantom WiFi 802.11b 1Mbps CH6
Date: 09/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.0326 W/kg = -14.87 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 2.007 S/m; ε_r = 51.487; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(7.39, 7.39, 7.39); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (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 - Middle/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0326 W/kg

Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm
Reference Value = 2.263 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0540 W/kg
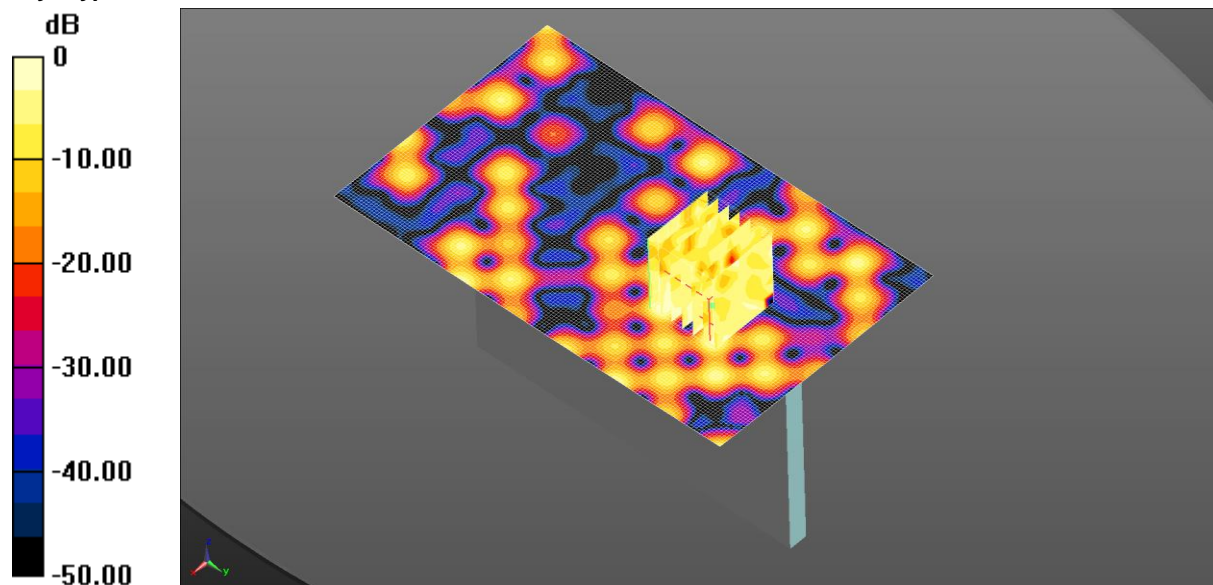**SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.0065 W/kg**
Maximum value of SAR (measured) = 0.0762 W/kg

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

040: Left Of EUT Facing Phantom WiFi 802.11b 1Mbps CH6
Date: 09/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.00948 W/kg = -20.23 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 2.007 S/m; ε$_r$ = 51.487; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(7.39, 7.39, 7.39); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (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/Left of EUT Facing Phantom - Middle/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.00948 W/kg

Configuration/Left of EUT Facing Phantom - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.475 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0440 W/kg
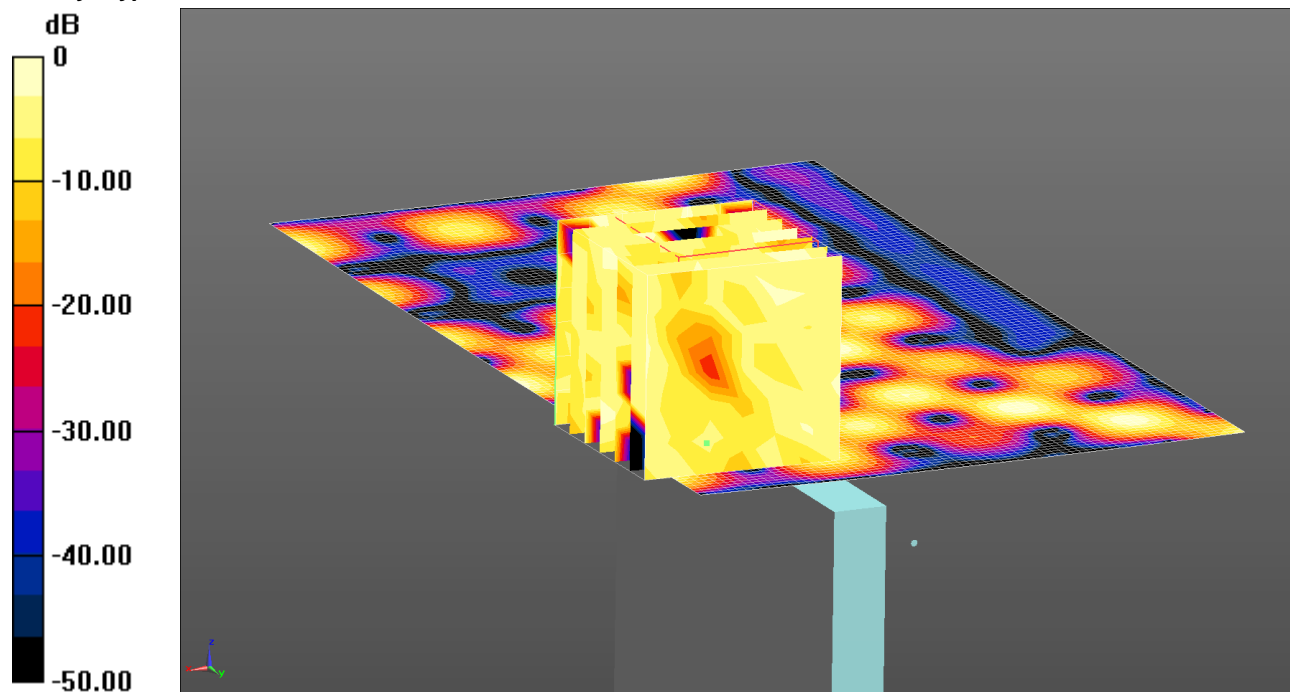**SAR(1 g) = 0.0063 W/kg; SAR(10 g) = 0.00242 W/kg**

Maximum value of SAR (measured) = 0.0121 W/kg

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

041: Top Of EUT Facing Phantom WiFi 802.11b 1Mbps CH6
Date: 09/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.00378 W/kg = -24.23 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 2.007 S/m; ε_r = 51.487; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(7.39, 7.39, 7.39); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (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/Top of EUT Facing Phantom Hotspot - Middle/Area Scan (71x121x1): Interpolated grid: dx=1.200 mm,
dy=1.200 mm
Maximum value of SAR (interpolated) = 0.00378 W/kg
Configuration/Top of EUT Facing Phantom Hotspot - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.273 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.0200 W/kg
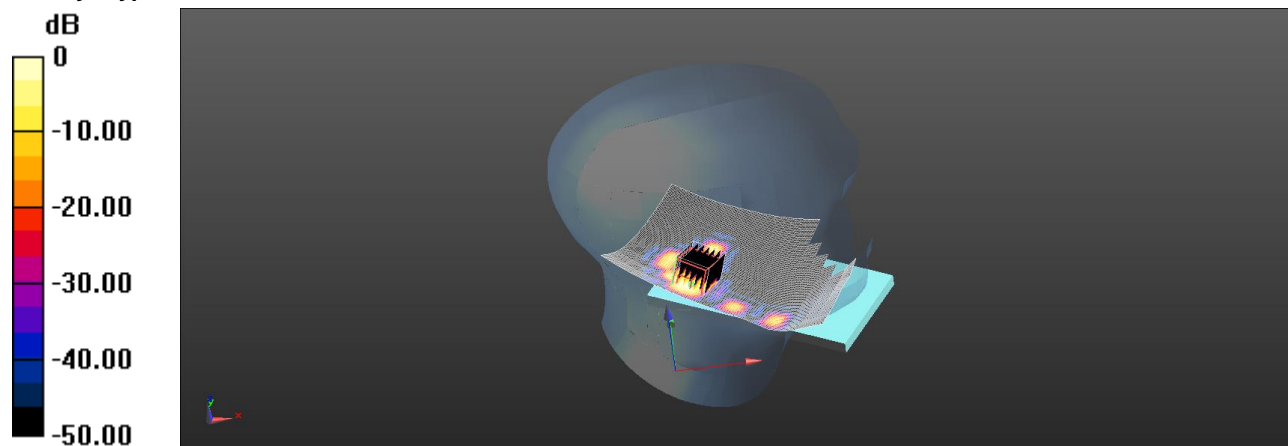**SAR(1 g) = 0.00329 W/kg; SAR(10 g) = 0.00105 W/kg**
Maximum value of SAR (measured) = 0.00844 W/kg

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

042: Touch Left WLAN 802.11a 6Mbps CH48
Date: 9/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.215 W/kg = -6.68 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used (interpolated): f = 5240 MHz; σ = 4.804 S/m; ε_r = 35.183; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Left - Middle/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.227 W/kg

Configuration/Touch Left - Middle/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.348 V/m; Power Drift = 0.25 dB
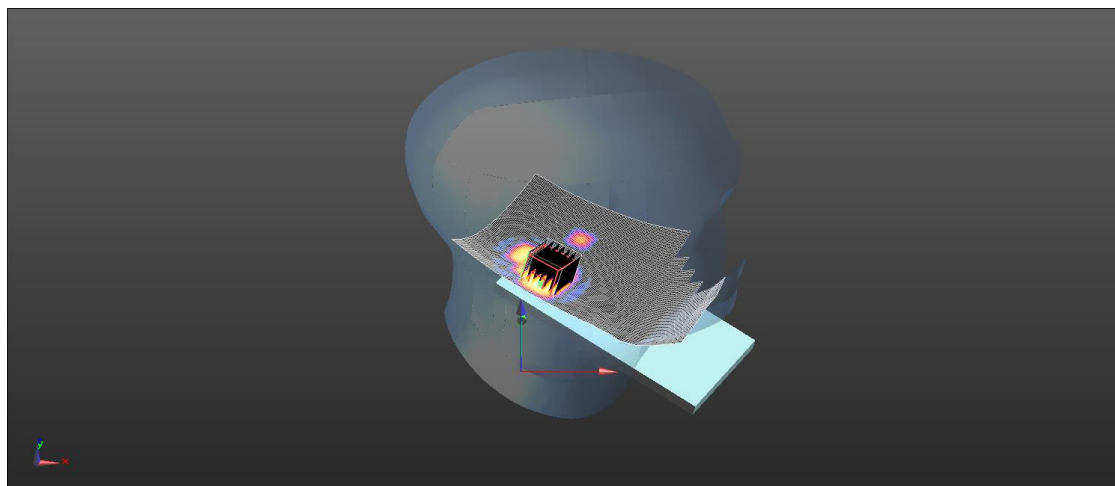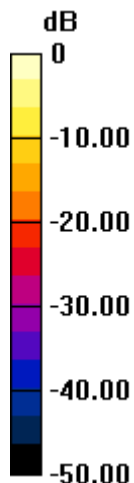Peak SAR (extrapolated) = 0.390 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.215 W/kg

043: Tilt Left WLAN 802.11a 6Mbps CH48
Date: 9/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.123 W/kg = -9.10 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used (interpolated): f = 5240 MHz; σ = 4.804 S/m; ε_r = 35.183; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Tilt Left - Middle/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.144 W/kg

Configuration/Tilt Left - Middle/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.699 V/m; Power Drift = 0.65 dB
Peak SAR (extrapolated) = 0.223 W/kg
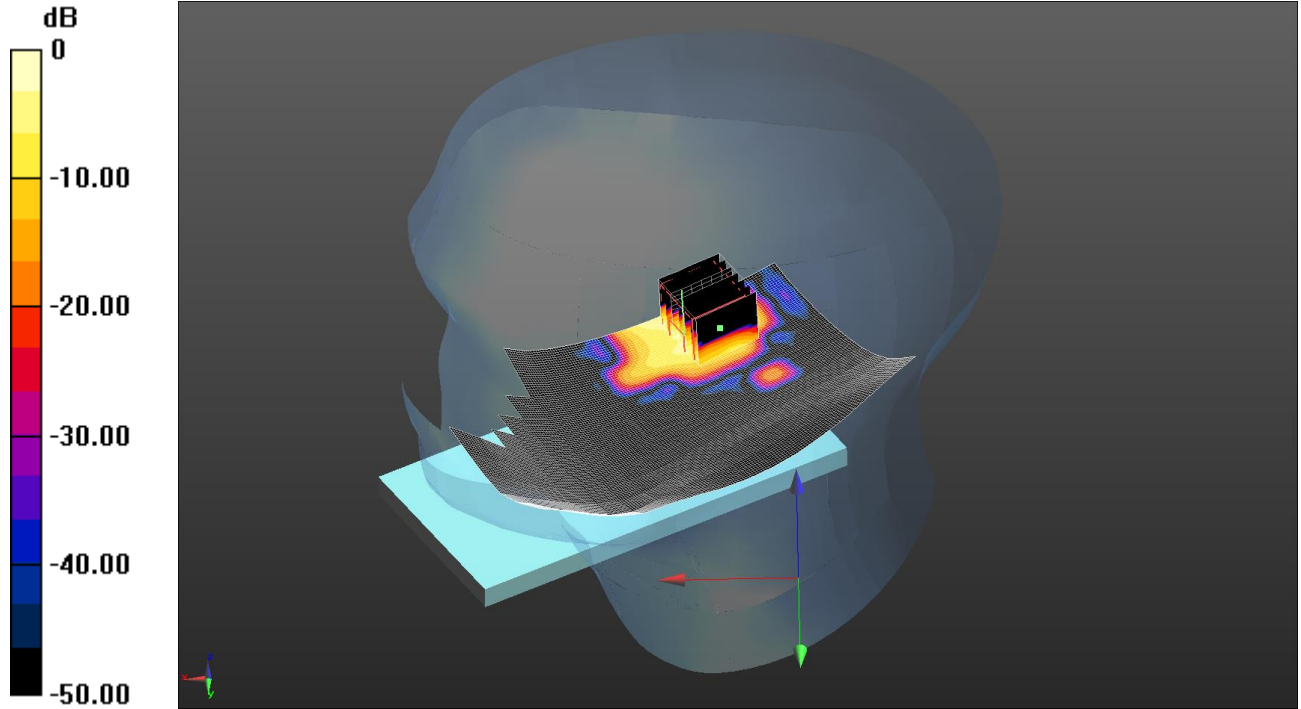**SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.015 W/kg**
Maximum value of SAR (measured) = 0.123 W/kg

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

044: Touch Right WLAN 802.11a 6Mbps CH48
Date: 9/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.994 W/kg = -0.03 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used (interpolated): f = 5240 MHz; σ = 4.804 S/m; ε_r = 35.183; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)
Configuration/Touch Right - Middle 2/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.464 W/kg
Configuration/Touch Right - Middle 2/Zoom Scan (7x7x12) 2 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.994 W/kg

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045: Tilt Right WLAN 802.11a 6Mbps 6Mbps CH48
Date: 9/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.647 W/kg = -1.89 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used (interpolated): f = 5240 MHz; σ = 4.804 S/m; $ε_r$ = 35.183; ρ = 1000 kg/m³
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)
Configuration/Tilt Right - Middle/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.494 W/kg
Configuration/Tilt Right - Middle/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
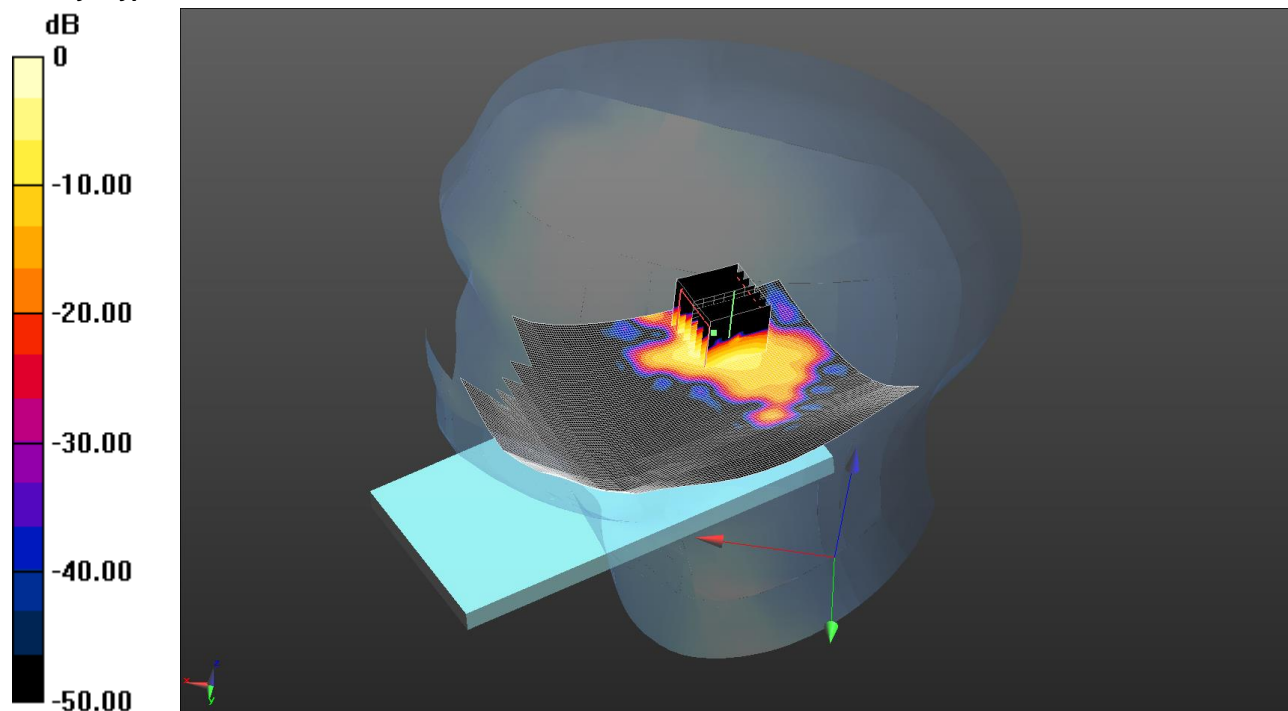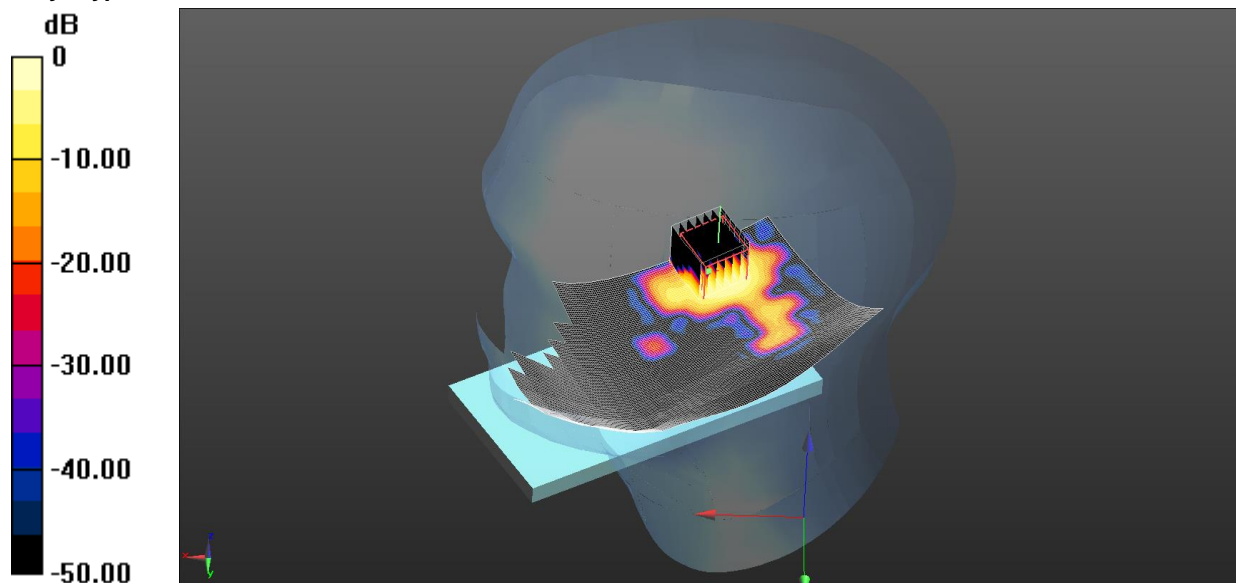Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.096 W/kg
Maximum value of SAR (measured) = 0.647 W/kg

046: Touch Right WLAN 802.11a 6Mbps CH60
Date: 9/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.747 W/kg = -1.27 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used: f = 5300 MHz; σ = 4.837 S/m; ε_r = 35.068; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.86, 4.86, 4.86); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low 2/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.461 W/kg

Configuration/Touch Right - Low 2/Zoom Scan (7x7x12) 2 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.445 V/m; Power Drift = 0.16 dB
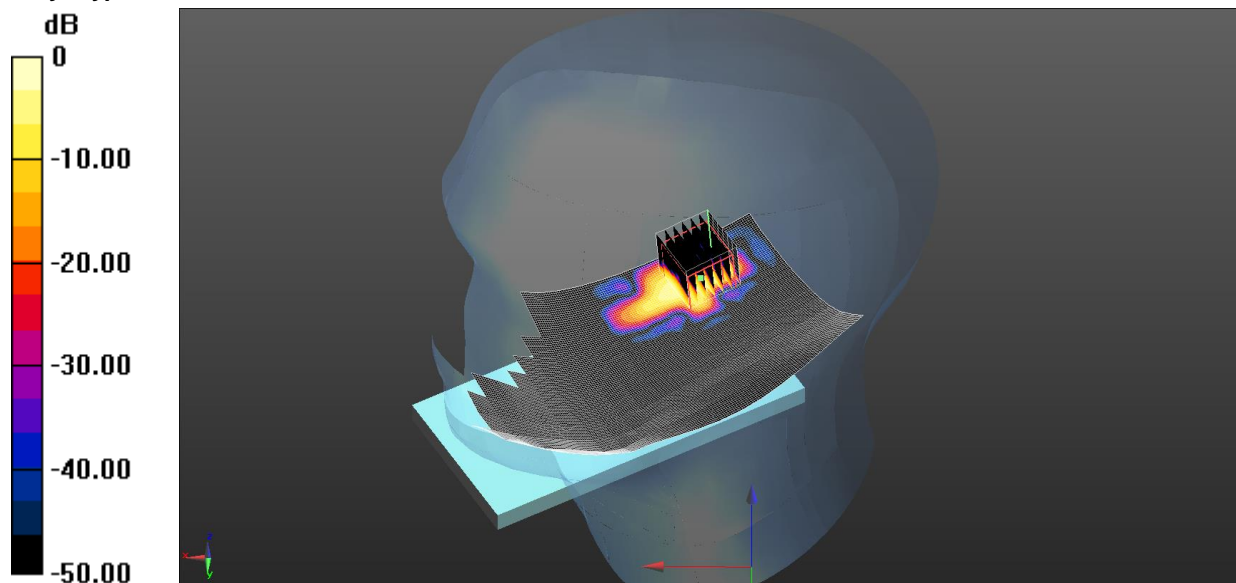Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.747 W/kg

047: Touch Right WLAN 802.11a 6Mbps CH100
Date: 9/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.419 W/kg = -3.78 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used: f = 5500 MHz; σ = 5.075 S/m; ε_r = 34.824; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.76, 4.76, 4.76); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low 2 2/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.330 W/kg

Configuration/Touch Right - Low 2 2/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.785 V/m; Power Drift = 0.07 dB
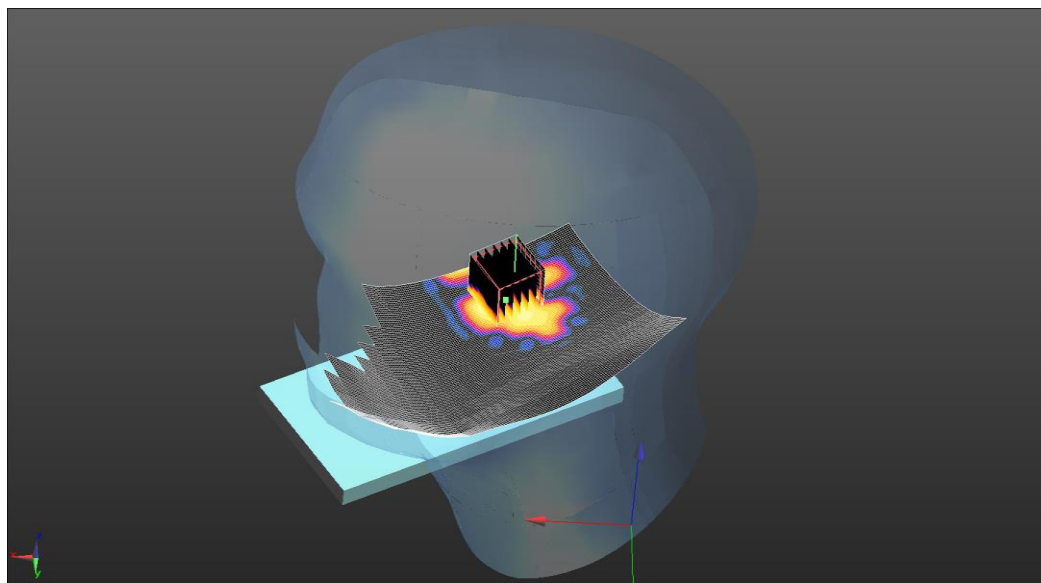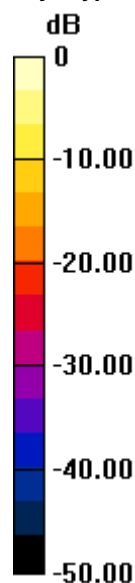Peak SAR (extrapolated) = 0.706 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.419 W/kg

048: Touch Right WLAN 802.11a 6Mbps CH157
Date: 9/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.620 W/kg = -2.08 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used (interpolated): f = 5785 MHz; σ = 5.396 S/m; ε_r = 34.388; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.59, 4.59, 4.59); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low 2/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.293 W/kg

Configuration/Touch Right - Low 2/Zoom Scan (7x7x12) 2 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.151 V/m; Power Drift = 0.25 dB
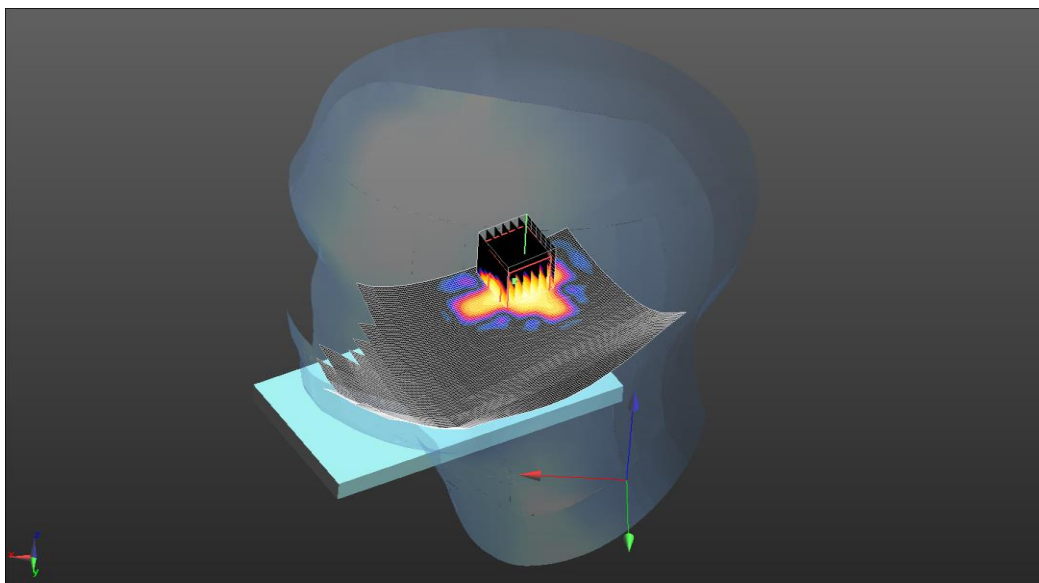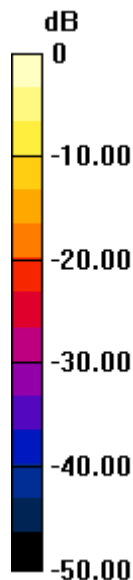Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.078 W/kg
Maximum value of SAR (measured) = 0.620 W/kg

049: Touch Right WLAN 802.11ac 40MHz 13.5Mbps CH38
Date: 9/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.345 W/kg = -4.62 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5190 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used (interpolated): f = 5190 MHz; σ = 4.73 S/m; ε_r = 35.253; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low 2/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.361 W/kg

Configuration/Touch Right - Low 2/Zoom Scan (7x7x12) 2 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.848 V/m; Power Drift = 0.17 dB
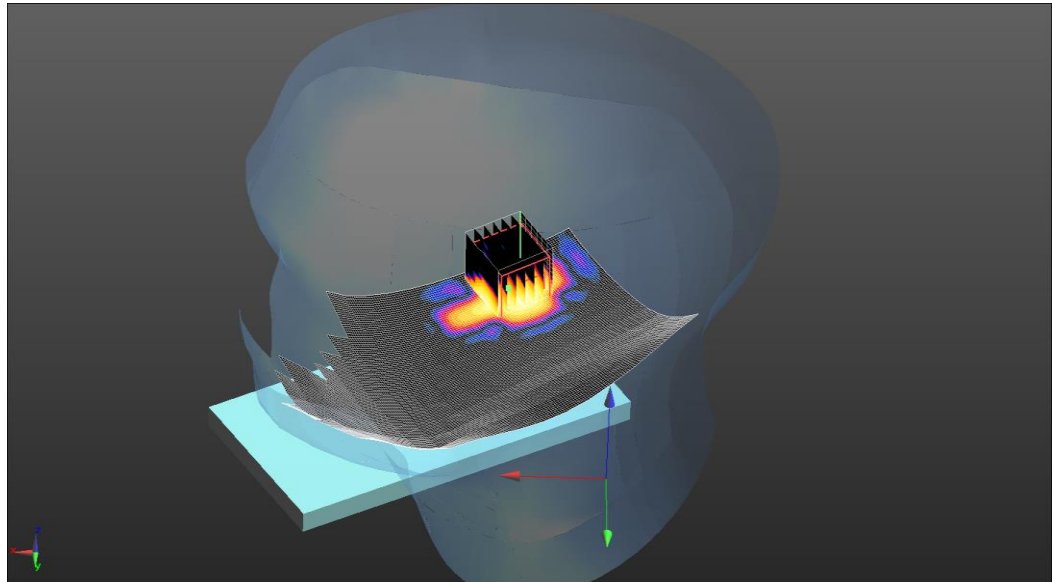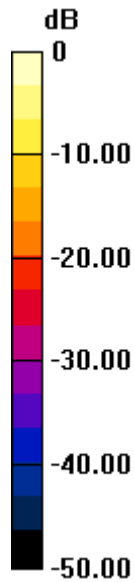Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.046 W/kg
Maximum value of SAR (measured) = 0.345 W/kg

050: Touch Right WLAN 802.11ac 40MHz 13.5Mbps CH54
Date: 9/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.409 W/kg = -3.88 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5270 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used (interpolated): f = 5270 MHz; σ = 4.827 S/m; ε_r = 35.13; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.86, 4.86, 4.86); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low 2/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.354 W/kg

Configuration/Touch Right - Low 2/Zoom Scan (7x7x12) 2 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.087 V/m; Power Drift = 0.01 dB
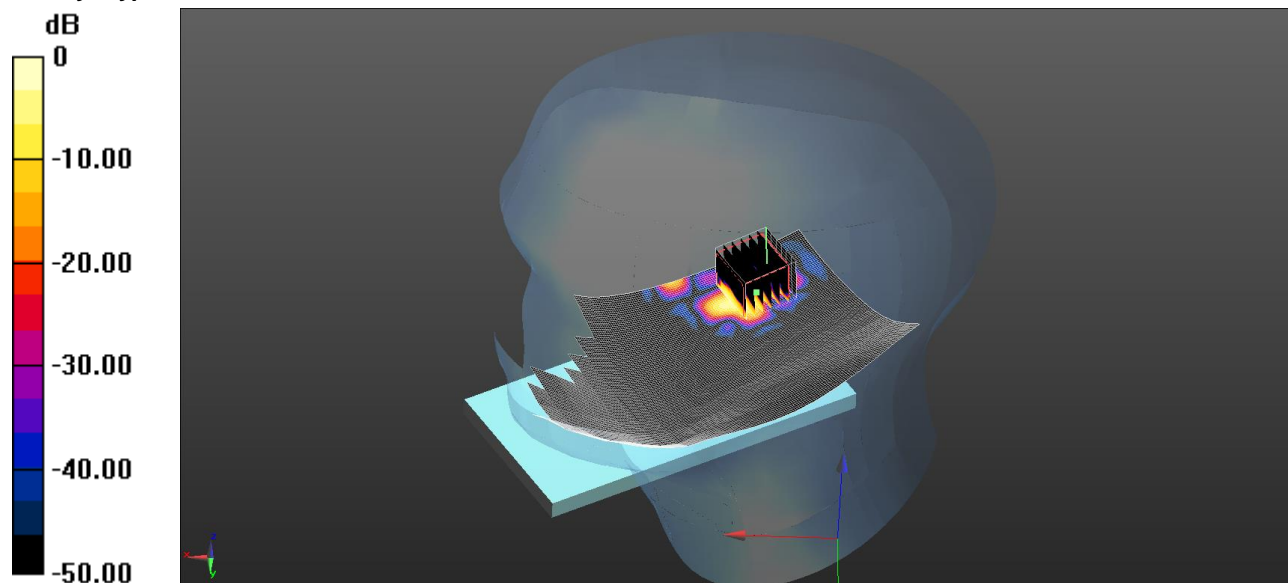Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.409 W/kg

051: Touch Right WLAN 802.11ac 40MHz 13.5Mbps CH110
Date: 9/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.241 W/kg = -6.18 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5550 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used: f = 5550 MHz; σ = 5.123 S/m; $ε_r$ = 34.678; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.76, 4.76, 4.76); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low 2/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.148 W/kg

Configuration/Touch Right - Low 2/Zoom Scan (7x7x12) 2 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.270 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.424 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.241 W/kg

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052: Touch Right WLAN 802.11ac 40MHz 13.5Mbps CH159
Date: 10/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.241 W/kg = -6.18 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5795 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used (interpolated): f = 5795 MHz; σ = 5.415 S/m; $ε_r$ = 34.375; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.59, 4.59, 4.59); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low 2/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.124 W/kg

Configuration/Touch Right - Low 2/Zoom Scan (7x7x12) 2 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.971 V/m; Power Drift = 0.52 dB
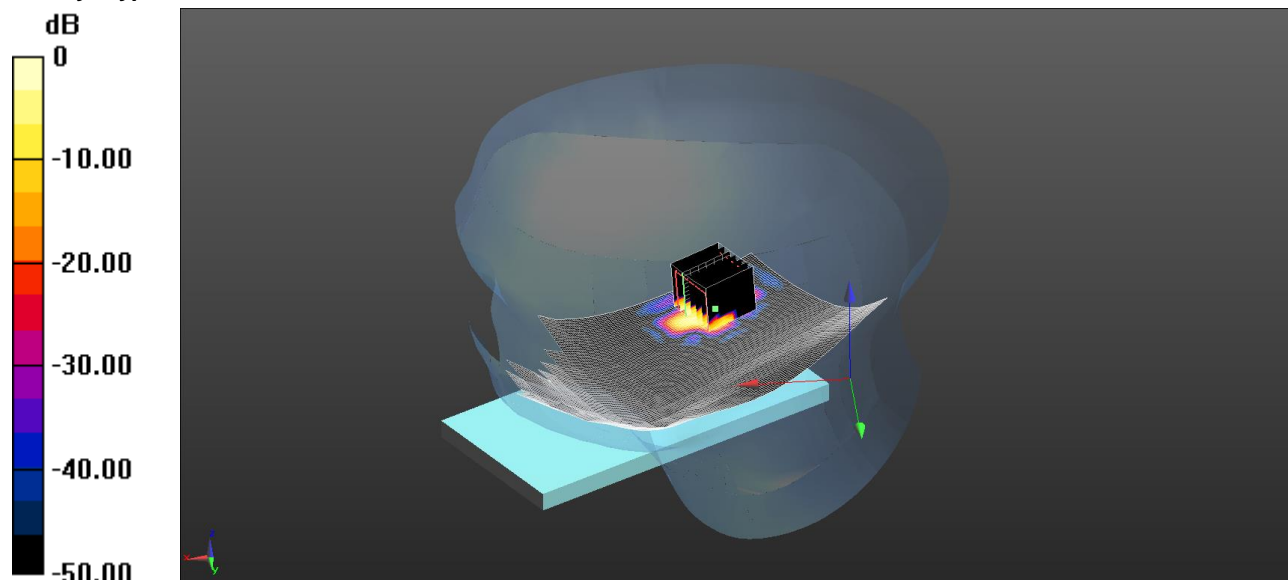Peak SAR (extrapolated) = 0.477 W/kg
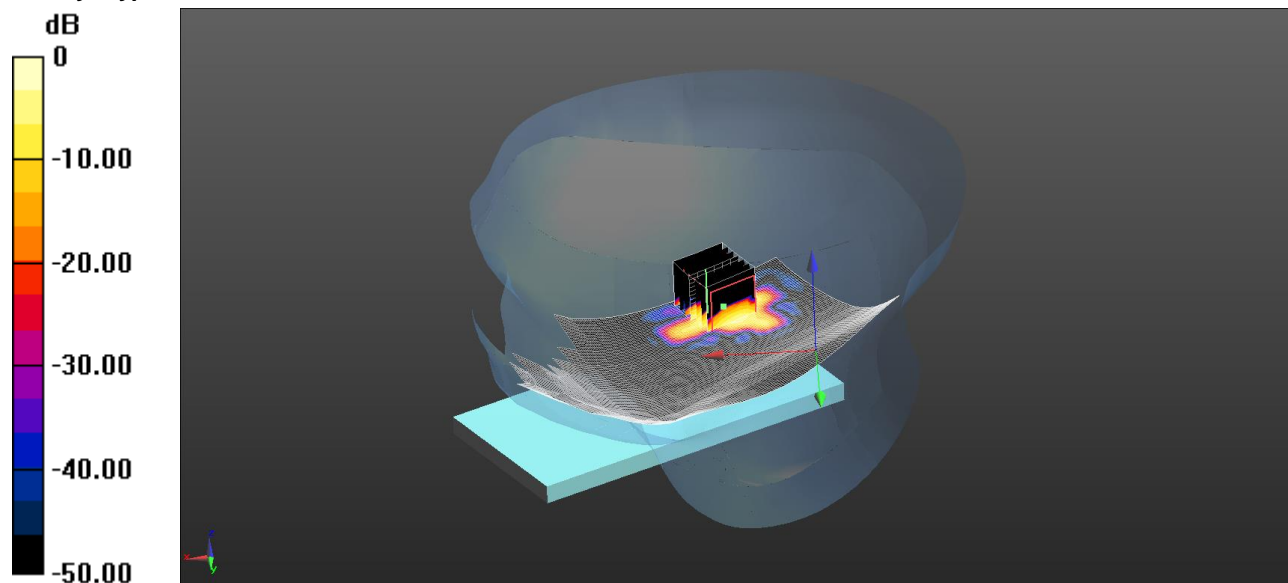**SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.029 W/kg**
Maximum value of SAR (measured) = 0.241 W/kg

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

053: Touch Right WLAN 802.11ac 80MHz 13.5Mbps CH42
Date: 10/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.352 W/kg = -4.53 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5210 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used (interpolated): f = 5210 MHz; σ = 4.754 S/m; ε_r = 35.217; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low 2/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.342 W/kg

Configuration/Touch Right - Low 2/Zoom Scan (7x7x12) 2 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.854 V/m; Power Drift = 0.59 dB
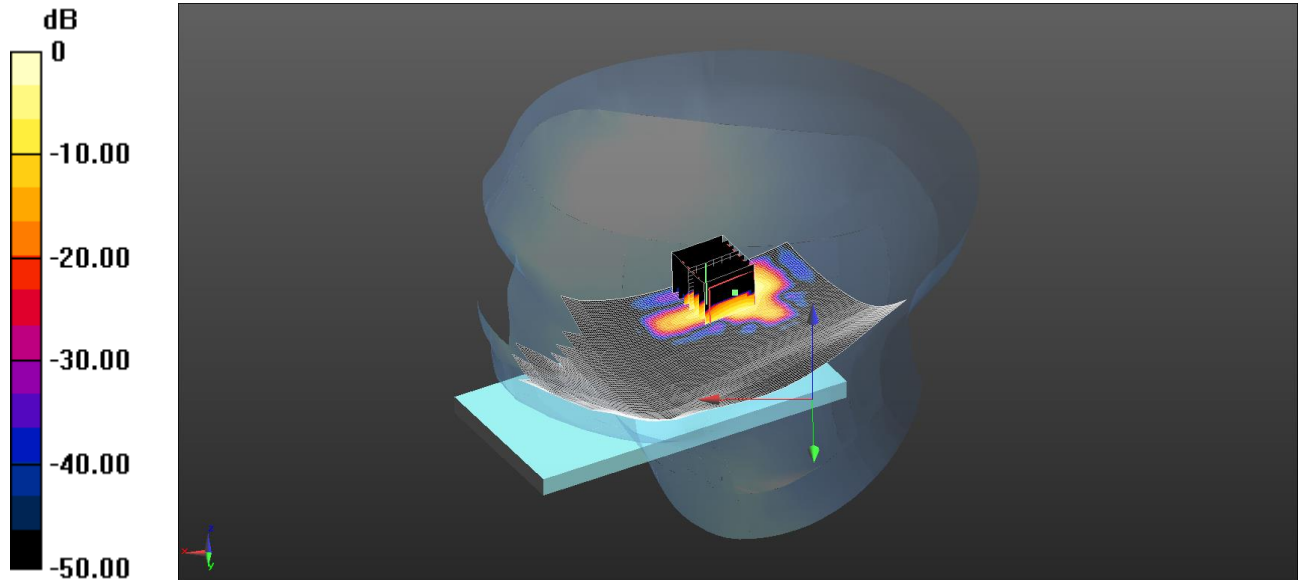Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.042 W/kg
Maximum value of SAR (measured) = 0.352 W/kg

054: Touch Right WLAN 802.11ac 80MHz 13.5Mbps CH58
Date: 10/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.521 W/kg = -2.83 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5290 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used (interpolated): f = 5290 MHz; σ = 4.834 S/m; ε_r = 35.089; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.86, 4.86, 4.86); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low 2/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.368 W/kg

Configuration/Touch Right - Low 2/Zoom Scan (7x7x12) 2 2 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.637 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.886 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.066 W/kg
Maximum value of SAR (measured) = 0.521 W/kg

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055: Touch Right WLAN 802.11ac 80MHz 13.5Mbps CH106
Date: 10/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

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

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5530 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used (interpolated): f = 5530 MHz; σ = 5.104 S/m; ε_r = 34.737; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.76, 4.76, 4.76); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)
Configuration/Touch Right - Low/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.272 W/kg

Configuration/Touch Right - Low/Zoom Scan (7x7x12) 2 2 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.724 V/m; Power Drift = 0.50 dB
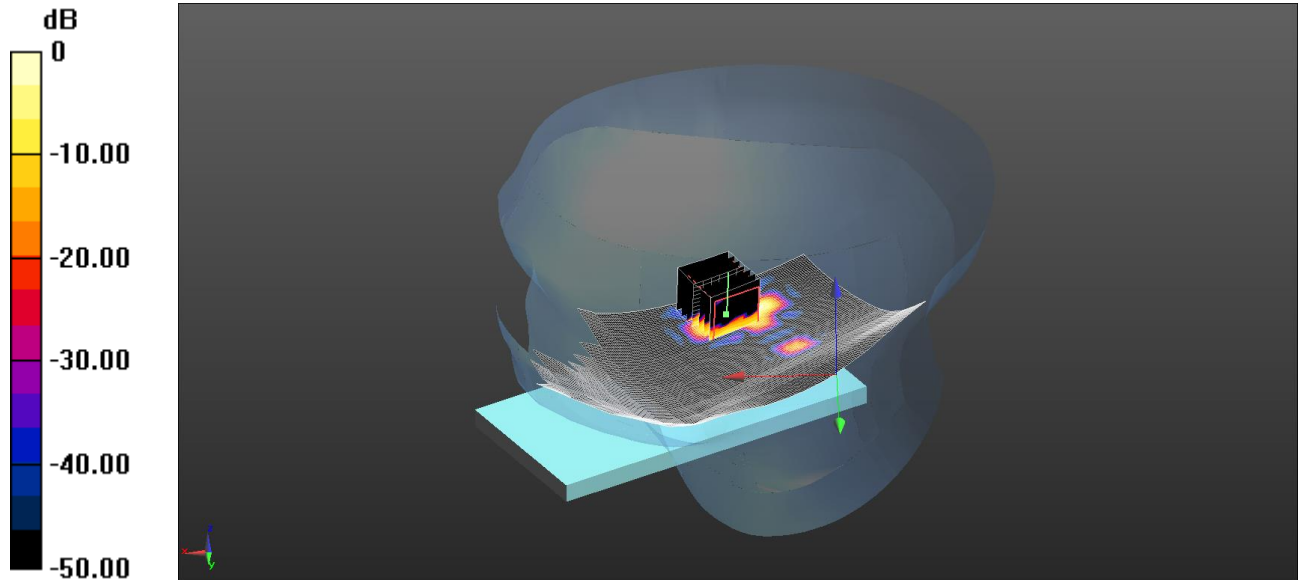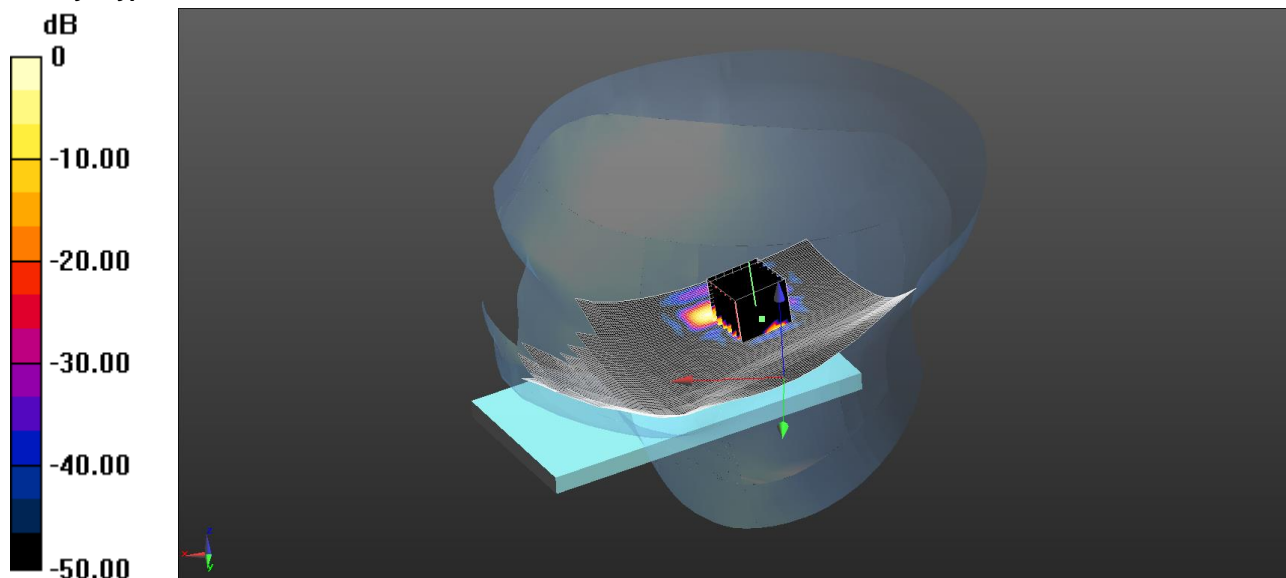Peak SAR (extrapolated) = 0.537 W/kg
SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.031 W/kg
Maximum value of SAR (measured) = 0.299 W/kg

056: Touch Right WLAN 802.11ac 80MHz 13.5Mbps CH155
Date: 10/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.232 W/kg = -6.35 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5775 MHz;Duty Cycle: 1:1
Medium: 5800 MHz HSL Medium parameters used (interpolated): f = 5775 MHz; σ = 5.378 S/m; ε_r = 34.401; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.59, 4.59, 4.59); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.174 W/kg

Configuration/Touch Right - Low/Zoom Scan (7x7x12) 2 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.279 V/m; Power Drift = 0.64 dB
Peak SAR (extrapolated) = 0.421 W/kg
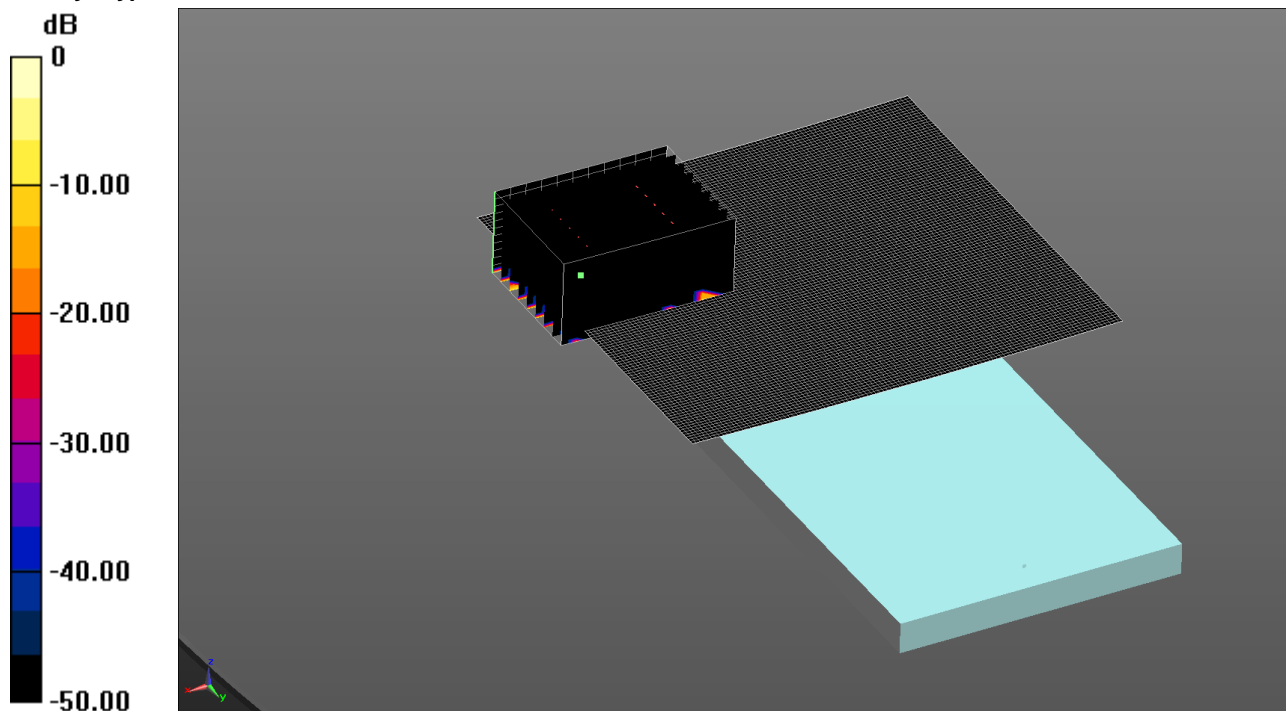**SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.024 W/kg**
Maximum value of SAR (measured) = 0.232 W/kg

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

057: Front of EUT Facing Phantom WiFi 802.11a 6Mbps CH48
Date: 10/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.0437 W/kg = -13.60 dBW/kg

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

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5240 MHz; σ = 5.377 S/m; ε_r = 48.428; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;

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

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

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

- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front of EUT Facing Phantom- Low/Area Scan 3 2 (111x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0147 W/kg

Configuration/Front of EUT Facing Phantom- Low/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (12x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

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

Peak SAR (extrapolated) = 0.369 W/kg

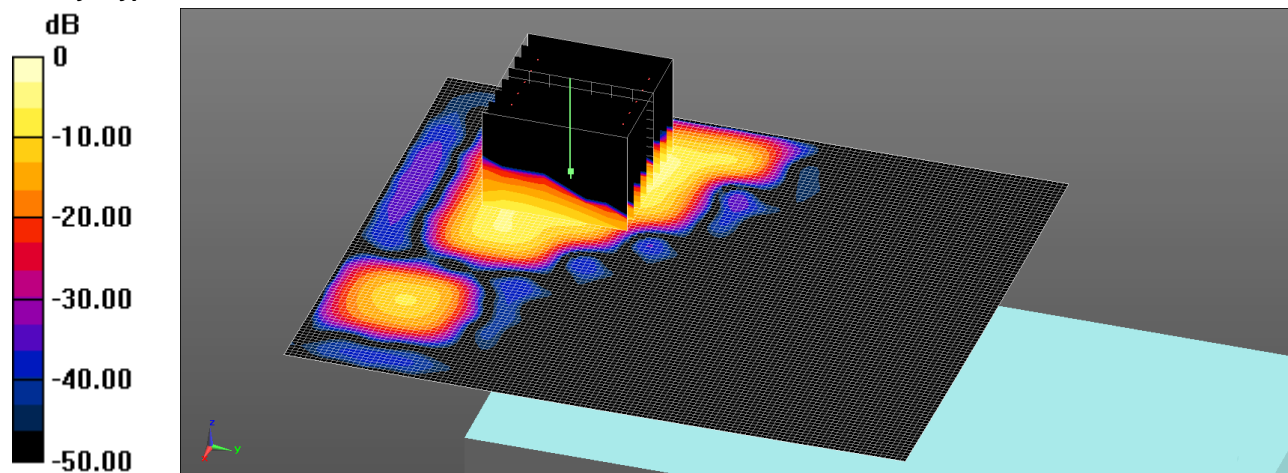**SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.00829 W/kg**

Maximum value of SAR (measured) = 0.0437 W/kg

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

058: Back of EUT Facing Phantom WiFi 802.11a 6Mbps CH48
Date: 10/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.495 W/kg = -3.05 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5240 MHz; σ = 5.377 S/m; ε_r = 48.428; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom- Low 2 2/Area Scan 3 2 (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.418 W/kg

Configuration/Back of EUT Facing Phantom- Low 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.479 V/m; Power Drift = 0.19 dB
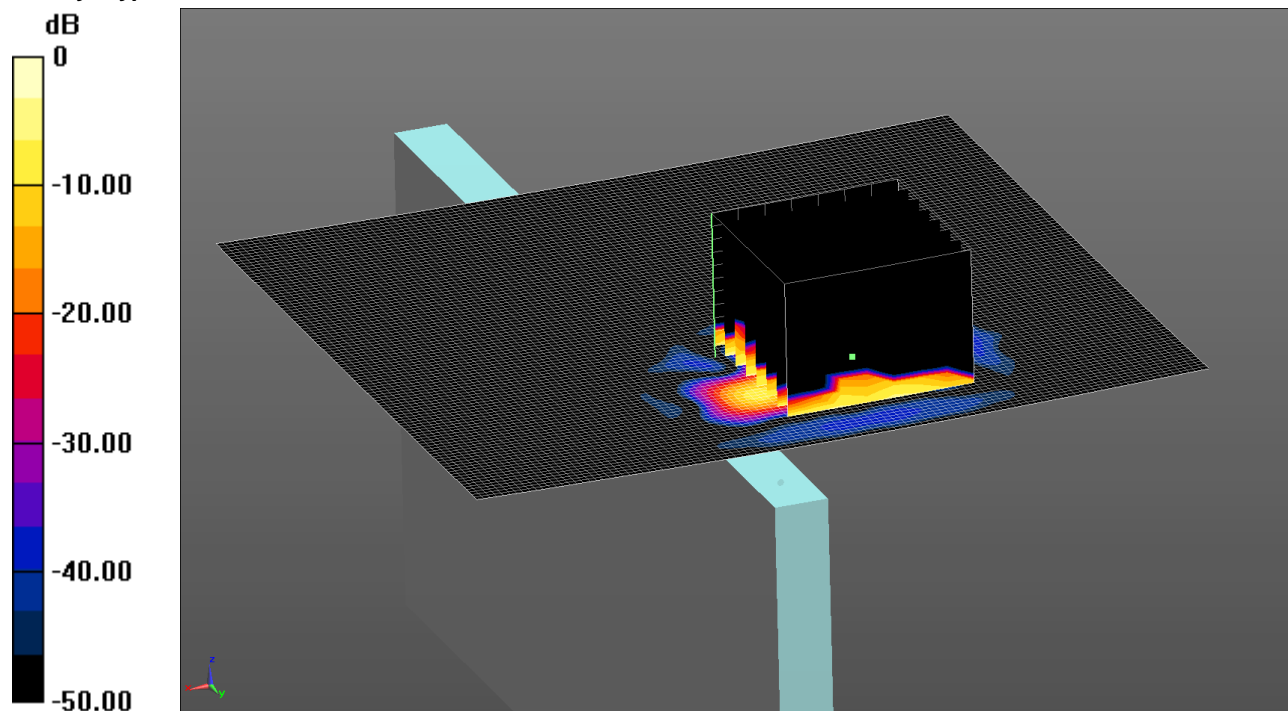Peak SAR (extrapolated) = 0.872 W/kg
SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.495 W/kg

059: Left Hand Side of EUT Facing Phantom WiFi 802.11a 6Mbps CH48
Date: 10/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.0761 W/kg = -11.19 dBW/kg

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

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5240 MHz; σ = 5.377 S/m; ε$_r$ = 48.428; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

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

Configuration/Left Hand Side of EUT Facing Phantom- Low/Area Scan 3 2 (111x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0416 W/kg

Configuration/Left Hand Side 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 = 1.147 V/m; Power Drift = 0.98 dB

Peak SAR (extrapolated) = 0.532 W/kg

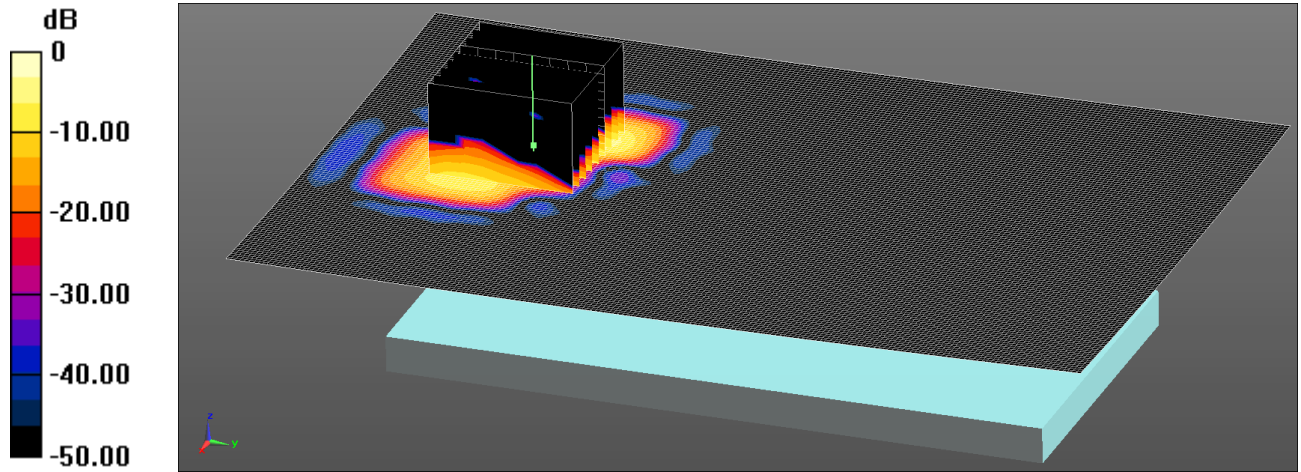**SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.018 W/kg**

Maximum value of SAR (measured) = 0.0761 W/kg

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

060: Back of EUT Facing Phantom WiFi 802.11a 6Mbps CH60
Date: 10/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.733 W/kg = -1.35 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; σ = 5.44 S/m; $ε_r$ = 48.252; ρ = 1000 kg/m^3
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- Low 2 2/Area Scan 3 2 (131x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.633 W/kg

Configuration/Back of EUT Facing Phantom- Low 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 11.53 V/m; Power Drift = -0.09 dB
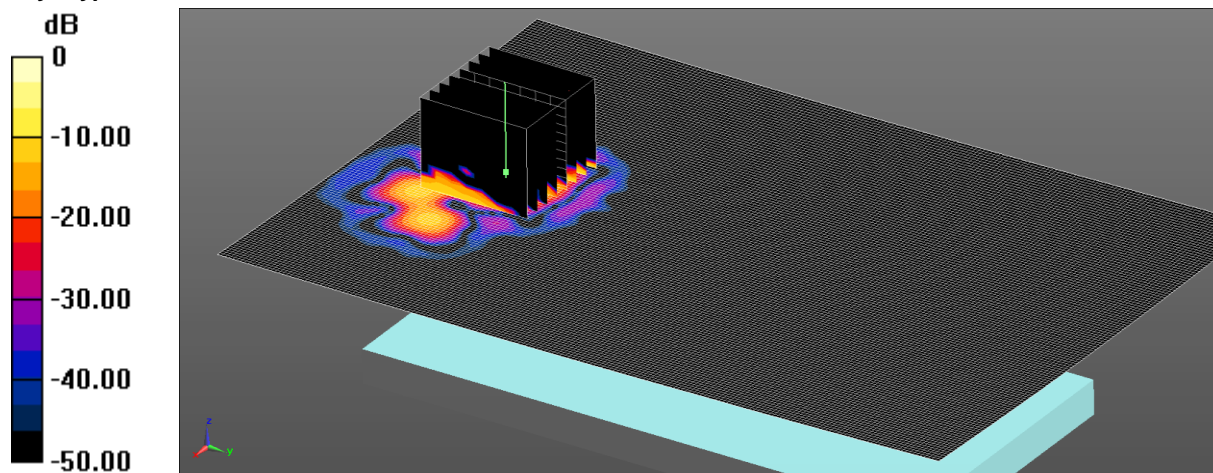Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.733 W/kg

061: Back of EUT Facing Phantom WiFi 802.11a 6Mbps CH100
Date: 10/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.316 W/kg = -5.00 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; σ = 5.78 S/m; ε_r = 47.877; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom- Low 2 2/Area Scan 3 2 (131x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.162 W/kg

Configuration/Back of EUT Facing Phantom- Low 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.235 V/m; Power Drift = 0.18 dB
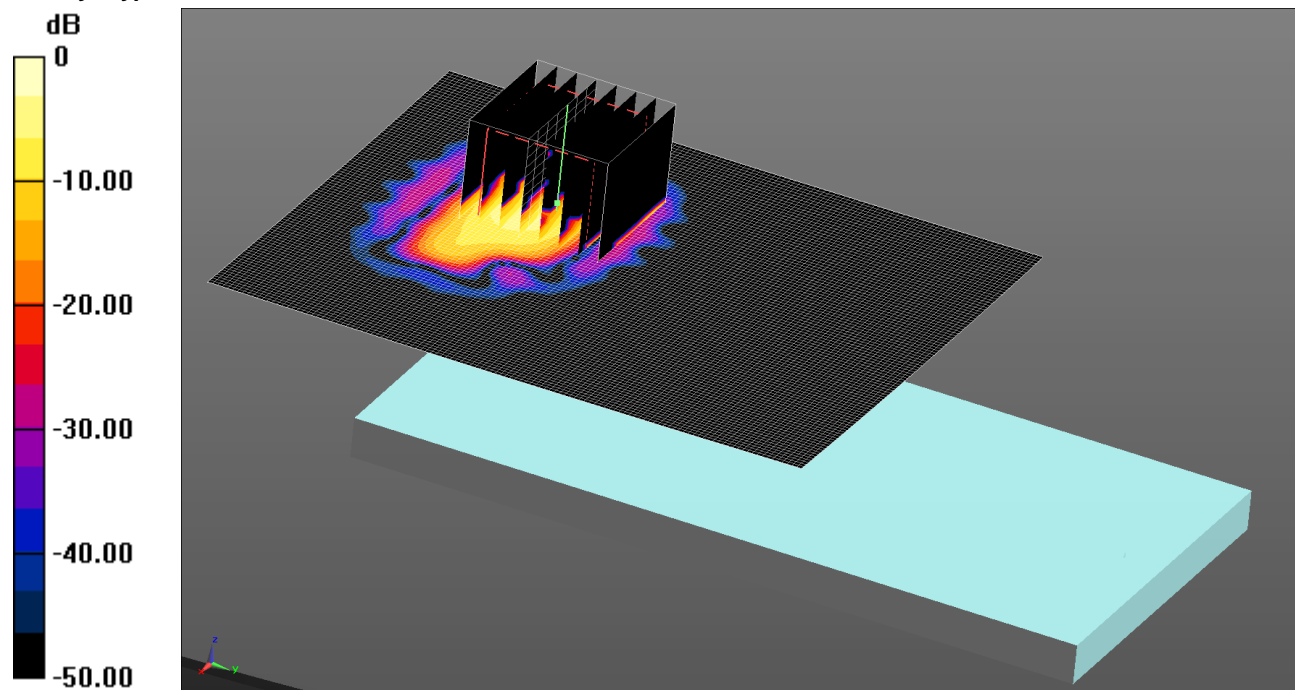Peak SAR (extrapolated) = 0.567 W/kg
SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.036 W/kg
Maximum value of SAR (measured) = 0.316 W/kg

062: Back of EUT Facing Phantom WiFi 802.11a 6Mbps CH157
Date: 11/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.224 W/kg = -6.50 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11 (0); Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5785 MHz; σ = 6.258 S/m; $ε_r$ = 47.218; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); 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 14.6.9 (7117)
Configuration/Back of EUT Facing Phantom- Low 2 2/Area Scan 3 2 (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.102 W/kg

Configuration/Back of EUT Facing Phantom- Low 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.719 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.864 W/kg
SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.028 W/kg.
Maximum value of SAR (measured) = 0.224 W/kg

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

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063: Back of EUT Facing Phantom WiFi 802.11ac 13.5Mbps CH38
Date: 11/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807
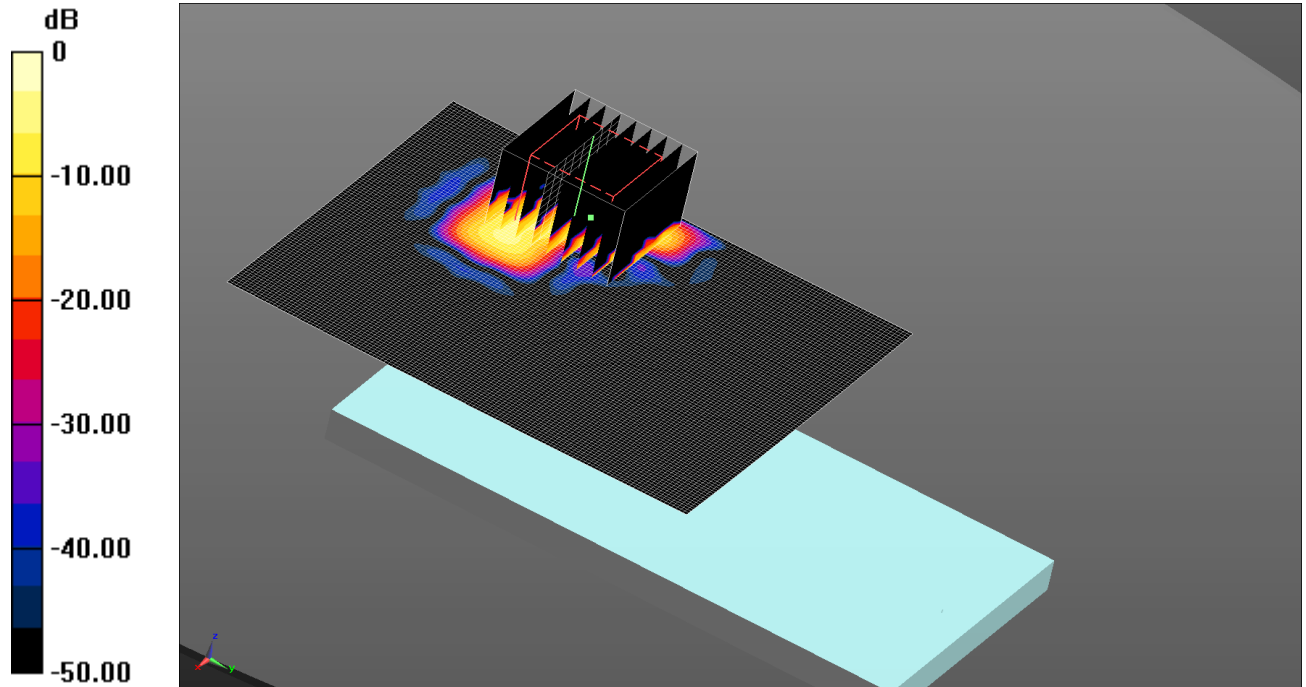
0 dB = 0.244 W/kg = -6.13 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11 (0); Frequency: 5190 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5190 MHz; σ = 5.285 S/m; ε_r = 48.49; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); 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 14.6.9 (7117)
Configuration/Back of EUT Facing Phantom- Low 2 2/Area Scan 3 2 (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.269 W/kg

Configuration/Back of EUT Facing Phantom- Low 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.071 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.446 W/kg
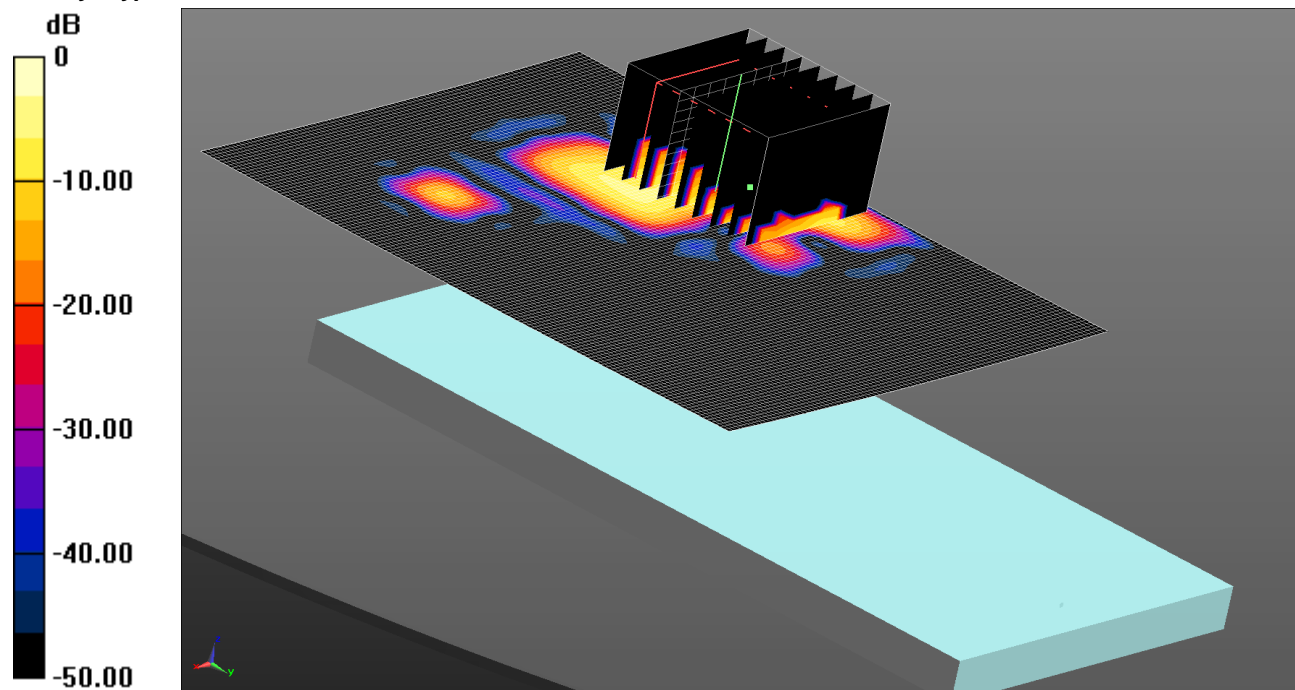SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.029 W/kg
Maximum value of SAR (measured) = 0.244 W/kg

064: Back of EUT Facing Phantom WiFi 802.11ac 13.5Mbps CH54
Date: 11/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.366 W/kg = -4.37 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11 (0); Frequency: 5270 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5270 MHz; σ = 5.414 S/m; $ε_r$ = 48.356; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.09, 4.09, 4.09); 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 14.6.9 (7117)
Configuration/Back of EUT Facing Phantom- Low 2 2/Area Scan 3 2 (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.337 W/kg

Configuration/Back of EUT Facing Phantom- Low 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.918 V/m; Power Drift = 0.17 dB
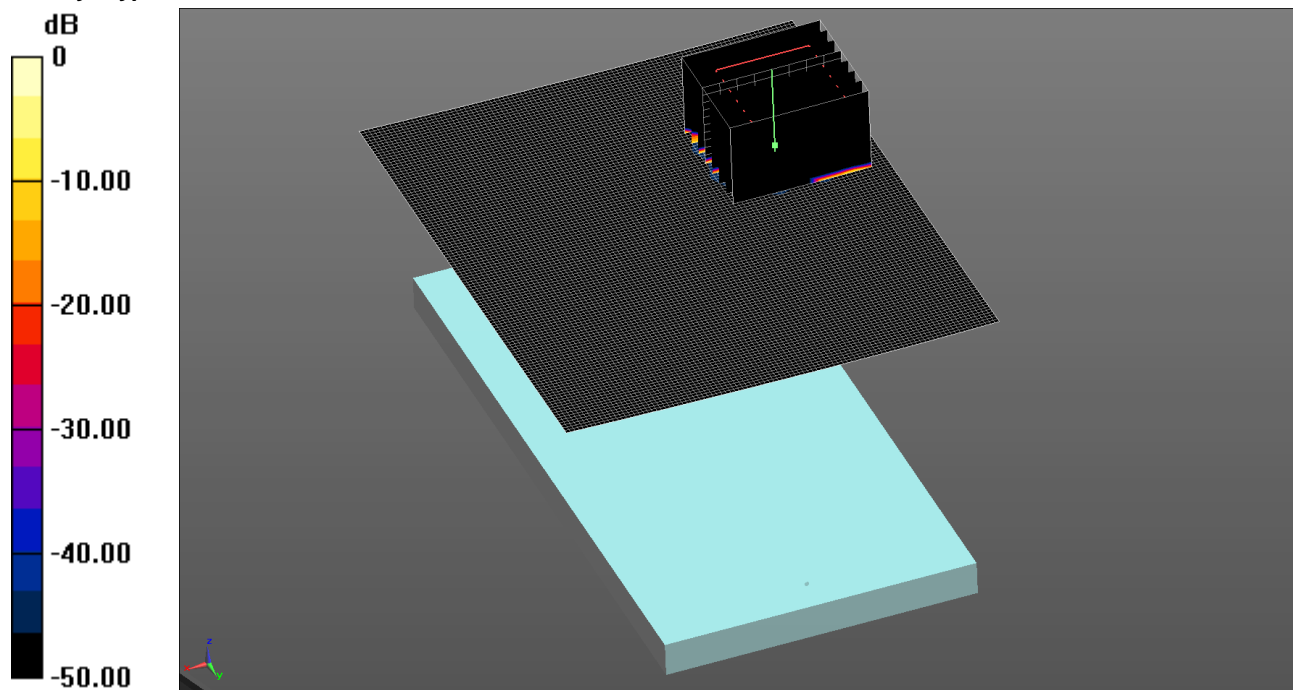Peak SAR (extrapolated) = 0.654 W/kg
SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.049 W/kg
Maximum value of SAR (measured) = 0.366 W/kg

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065: Back of EUT Facing Phantom WiFi 802.11ac 13.5Mbps CH110
Date: 11/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.125 W/kg = -9.03 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11 (0); Frequency: 5550 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used: f = 5550 MHz; σ = 5.869 S/m; ε_r = 47.655; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); 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 14.6.9 (7117)
Configuration/Back of EUT Facing Phantom- Low 2 2/Area Scan 3 2 (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0539 W/kg

Configuration/Back of EUT Facing Phantom- Low 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x8x12)/Cube 0: Measurement grid:
dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.191 V/m; Power Drift = 0.22 dB
Peak SAR (extrapolated) = 0.424 W/kg
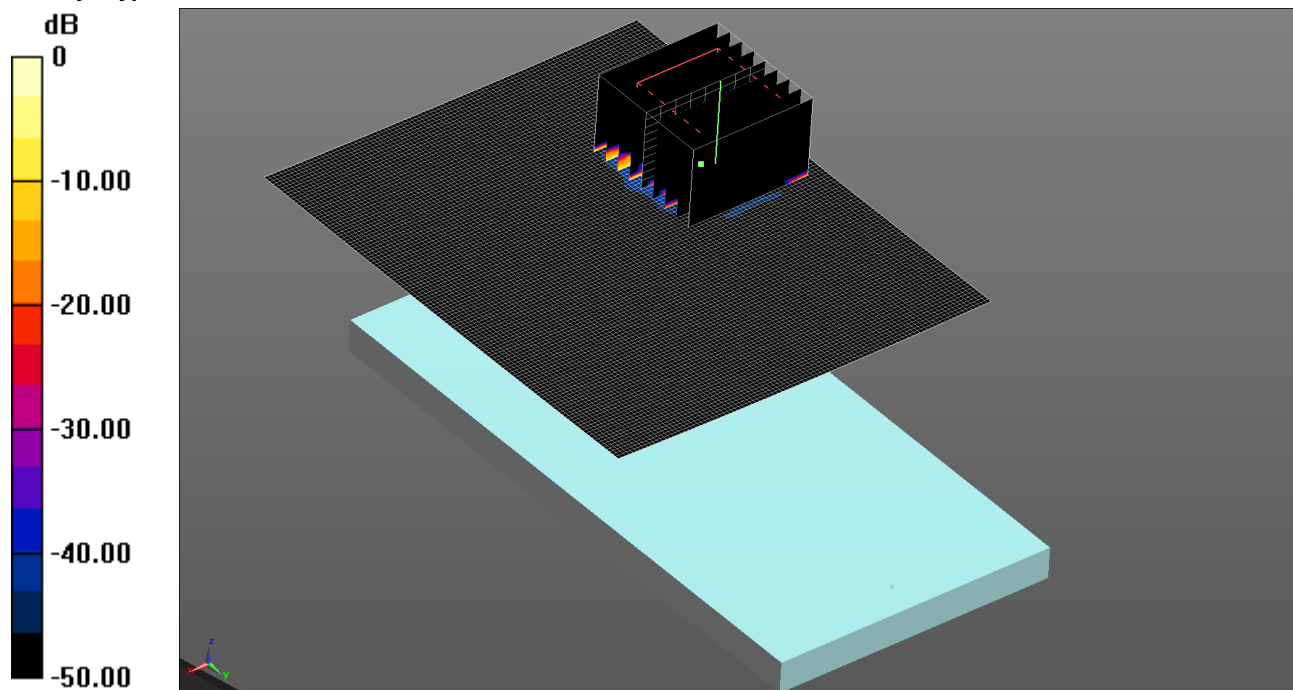SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.125 W/kg

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

066: Back of EUT Facing Phantom WiFi 802.11ac 13.5Mbps CH159
Date: 11/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

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

Communication System: UID 0 - n/a, WLAN 802.11 (0); Frequency: 5795 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5795 MHz; σ = 6.285 S/m; ε_r = 47.207; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); 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 14.6.9 (7117)
Configuration/Back of EUT Facing Phantom- Low 2 2/Area Scan 3 2 (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0385 W/kg

Configuration/Back of EUT Facing Phantom- Low 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.575 V/m; Power Drift = 0.83 dB
Peak SAR (extrapolated) = 0.351 W/kg
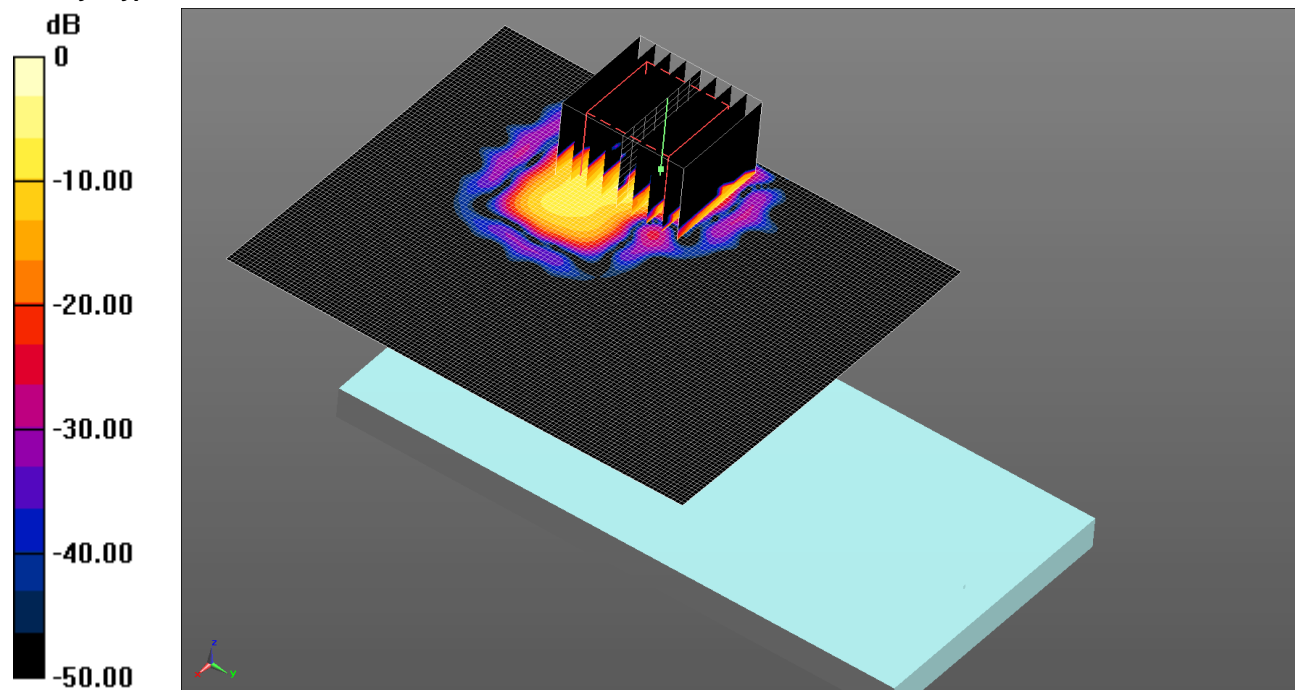SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.012 W/kg
Maximum value of SAR (measured) = 0.108 W/kg

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

067: Back of EUT Facing Phantom WiFi 802.11ac 29.3Mbps CH42
Date: 11/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.316 W/kg = -5.00 dBW/kg

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

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5210 MHz; σ = 5.319 S/m; ε_r = 48.438; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); 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 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom- Low 2 2/Area Scan 3 2 (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.148 W/kg

Configuration/Back of EUT Facing Phantom- Low 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.907 V/m; Power Drift = 0.23 dB

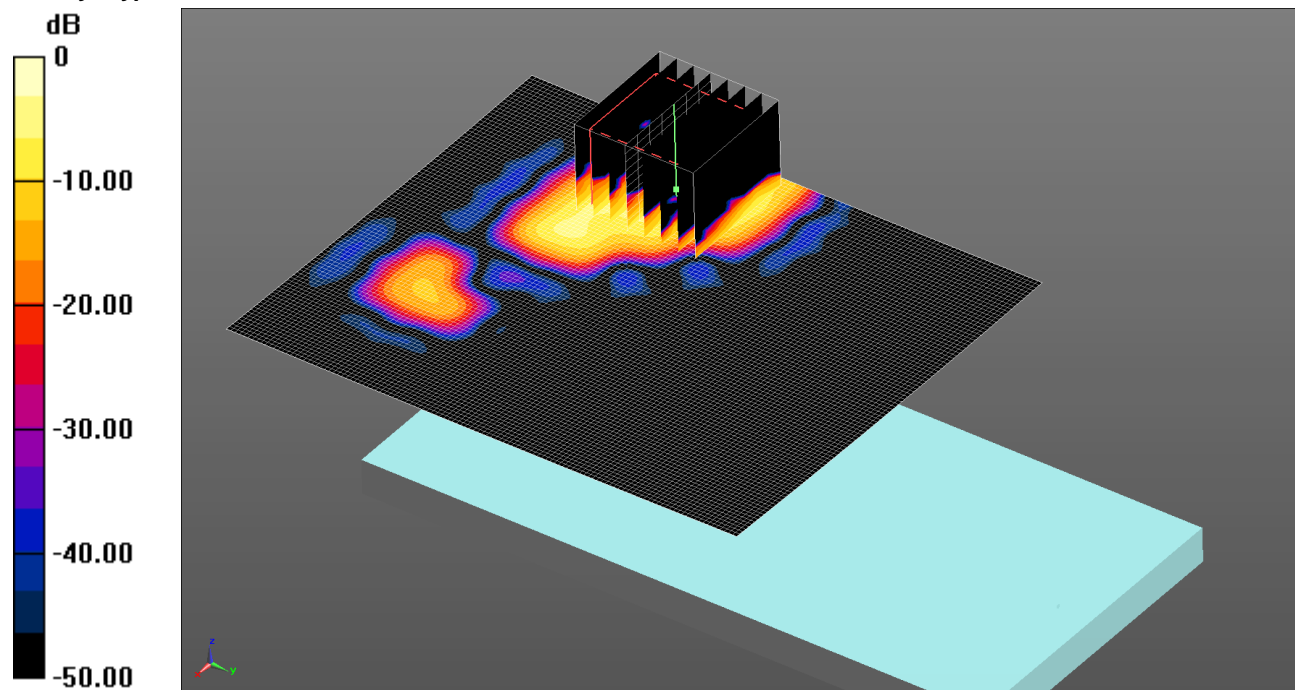Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.316 W/kg

068: Back of EUT Facing Phantom WiFi 802.11ac 29.3Mbps CH58
Date: 11/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.420 W/kg = -3.77 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11 (0); Frequency: 5290 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5290 MHz; σ = 5.431 S/m; ε$_r$ = 48.287; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.09, 4.09, 4.09); 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 14.6.9 (7117)
Configuration/Back of EUT Facing Phantom- Low 2 2/Area Scan 3 2 (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.416 W/kg

Configuration/Back of EUT Facing Phantom- Low 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.911 V/m; Power Drift = 0.36 dB
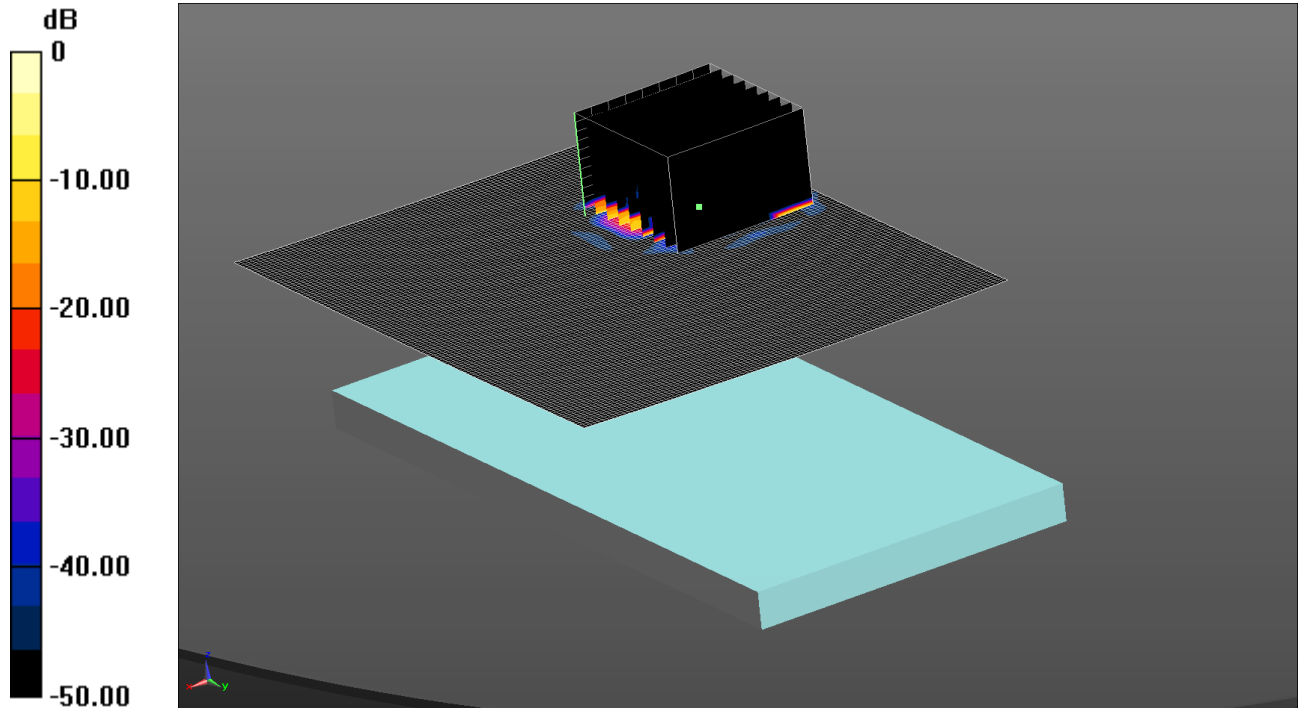Peak SAR (extrapolated) = 0.703 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.054 W/kg
Maximum value of SAR (measured) = 0.420 W/kg

069: Back of EUT Facing Phantom WiFi 802.11ac 29.3Mbps CH106
Date: 11/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.188 W/kg = -7.26 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5530 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5530 MHz; σ = 5.833 S/m; ε_r = 47.743; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)
Configuration/Back of EUT Facing Phantom- Low 2 2/Area Scan 3 2 (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.114 W/kg

Configuration/Back of EUT Facing Phantom- Low 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.030 V/m; Power Drift = 0.37 dB
Peak SAR (extrapolated) = 0.452 W/kg
**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.019 W/kg**
Maximum value of SAR (measured) = 0.188 W/kg

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

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070: Back of EUT Facing Phantom WiFi 802.11ac 29.3Mbps CH155
Date: 11/7/2014
DUT: Sony; Type: FCC ID: PY7PM-0807
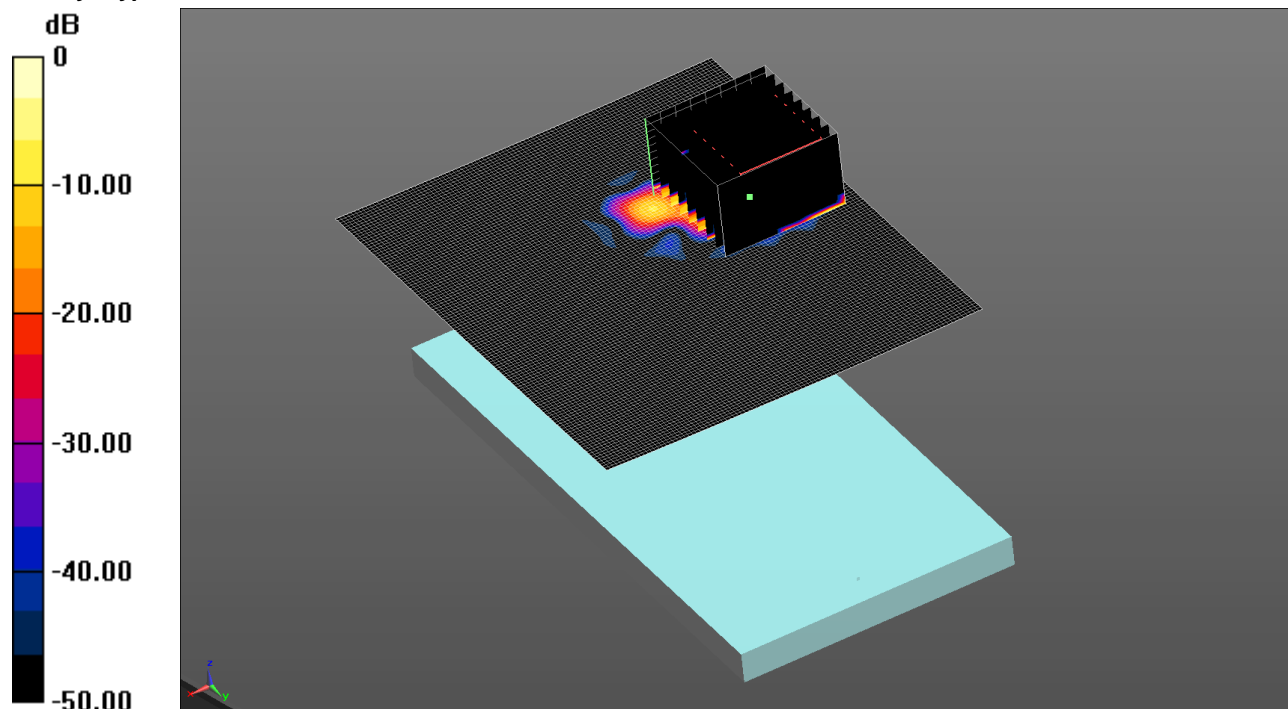
0 dB = 0.149 W/kg = -8.27 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5775 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5775 MHz; σ = 6.231 S/m; $ε_r$ = 47.229; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)
Configuration/Back of EUT Facing Phantom- Low 2 2/Area Scan 3 2 (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0599 W/kg

Configuration/Back of EUT Facing Phantom- Low 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.739 V/m; Power Drift = 0.63 dB
Peak SAR (extrapolated) = 0.606 W/kg
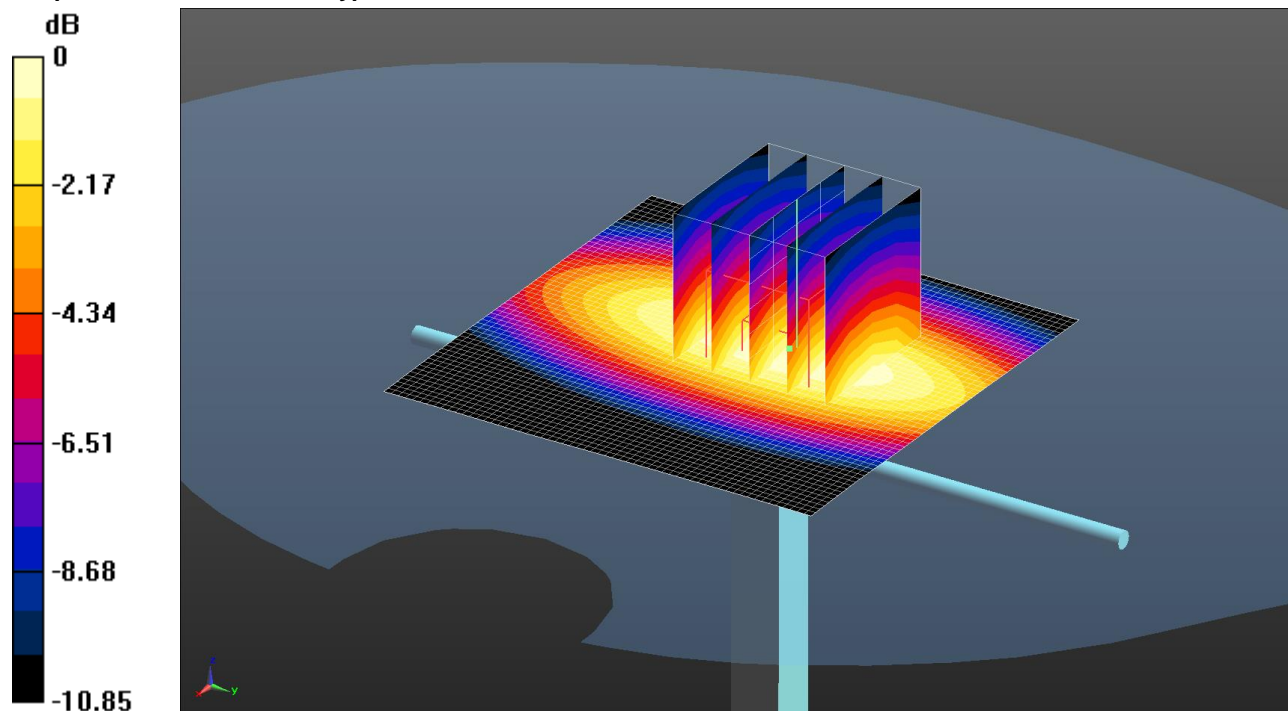**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.018 W/kg**
Maximum value of SAR (measured) = 0.149 W/kg

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

071: System Performance Check 900MHz Head 07 07 14
Date: 7/7/2014
DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035

0 dB = 2.73 W/kg = 4.36 dBW/kg

Communication System: UID 0, CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used: f = 900 MHz; σ = 0.963 S/m; ε_r = 42.125; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.34, 6.34, 6.34); Calibrated: 22/5/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=15mm, Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.72 W/kg
Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.52 V/m; Power Drift = 0.02 dB
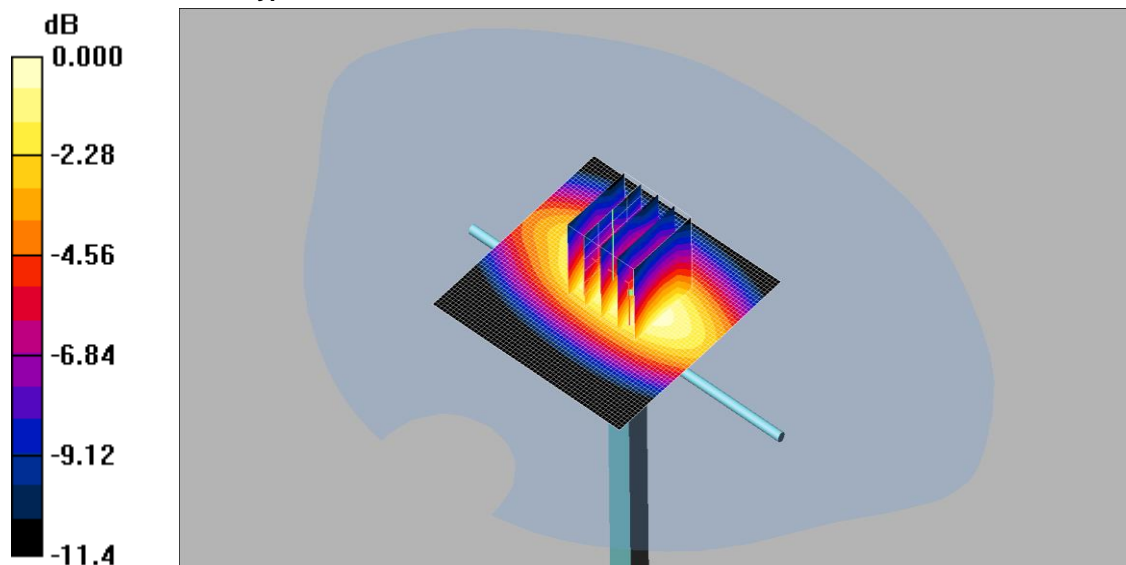Peak SAR (extrapolated) = 3.60 W/kg
SAR(1 g) = 2.54 W/kg; SAR(10 g) = 1.67 W/kg
Maximum value of SAR (measured) = 2.73 W/kg

072: System Performance Check 900MHz Head 14 07 14
Date: 14/07/2014
DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035

0 dB = 2.78mW/g

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used: f = 900 MHz; σ = 0.979 mho/m; ε_r = 42.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

d=15mm, Pin=250mW 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.77 mW/g

d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 54.5 V/m; Power Drift = -1.16 dB
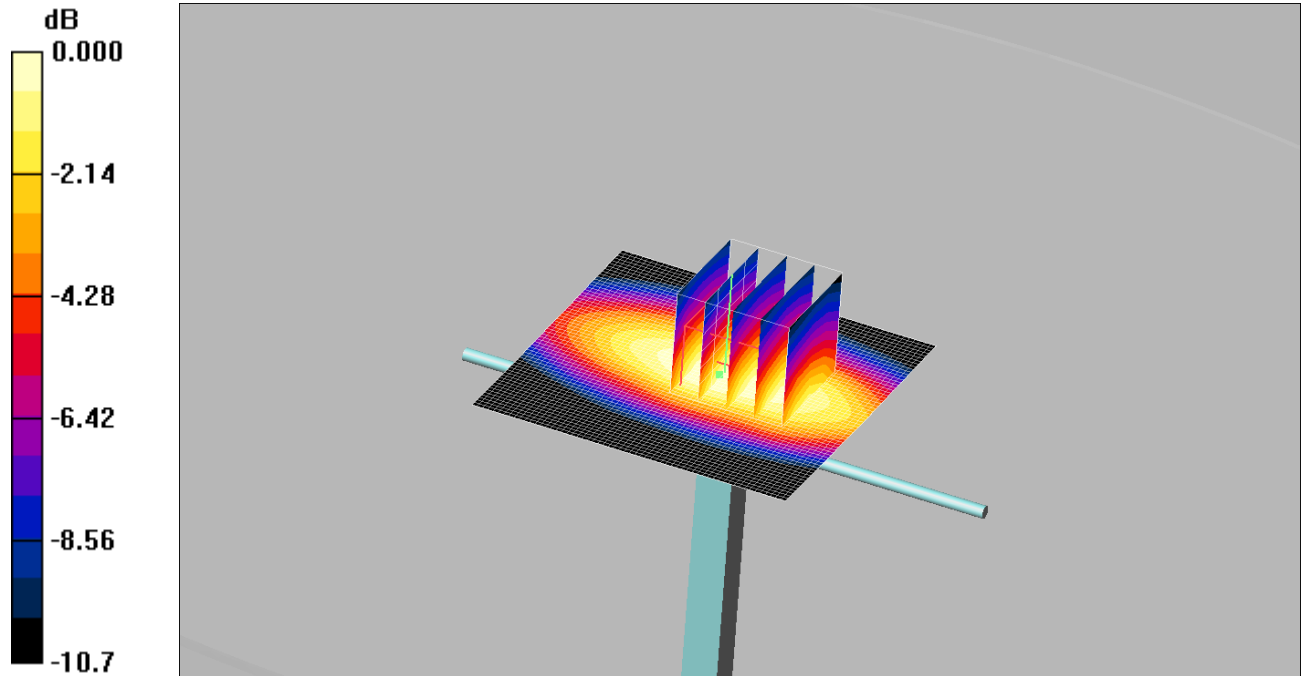Peak SAR (extrapolated) = 3.97 W/kg
SAR(1 g) = 2.53 mW/g; SAR(10 g) = 1.61 mW/g
Maximum value of SAR (measured) = 2.78 mW/g

073: System Performance Check 900MHz Body 08 07 14
Date: 08/07/2014
DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035

0 dB = 2.78mW/g

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used: f = 900 MHz; σ = 1.03 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.09, 6.09, 6.09);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186
d=15mm, Pin=250mW 2 2 2 2 2 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.90 mW/g
d=15mm, Pin=250mW 2 2 2 2 2 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.3 V/m; Power Drift = -0.187 dB
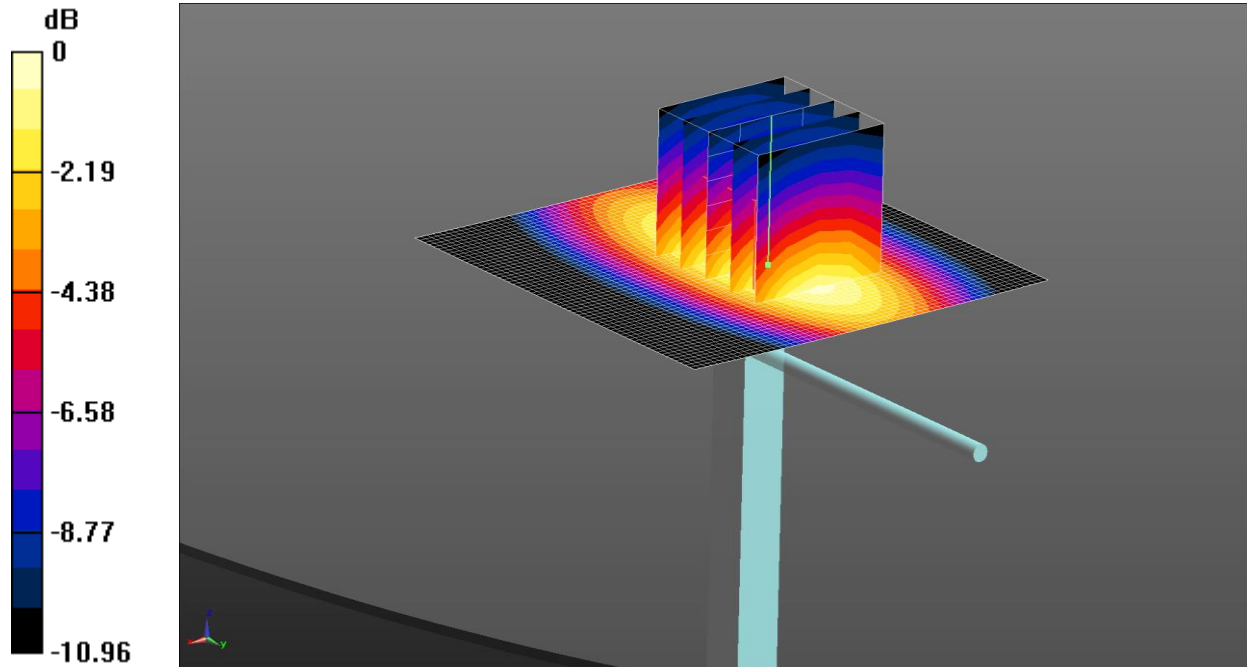Peak SAR (extrapolated) = 3.42 W/kg
SAR(1 g) = 2.51 mW/g; SAR(10 g) = 1.67 mW/g
Maximum value of SAR (measured) = 2.78 mW/g

074: System Performance Check 900MHz Body 14 07 14
Date: 14/7/14
DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035

0 dB = 2.76 W/kg = 4.41 dBW/kg

Communication System: UID 0, CW (0); Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used: f = 900 MHz; σ = 1.066 S/m; ε_r = 54.545; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(9.72, 9.72, 9.72); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)
SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe)/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.75 W/kg

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe)/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm
Reference Value = 50.78 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.86 W/kg
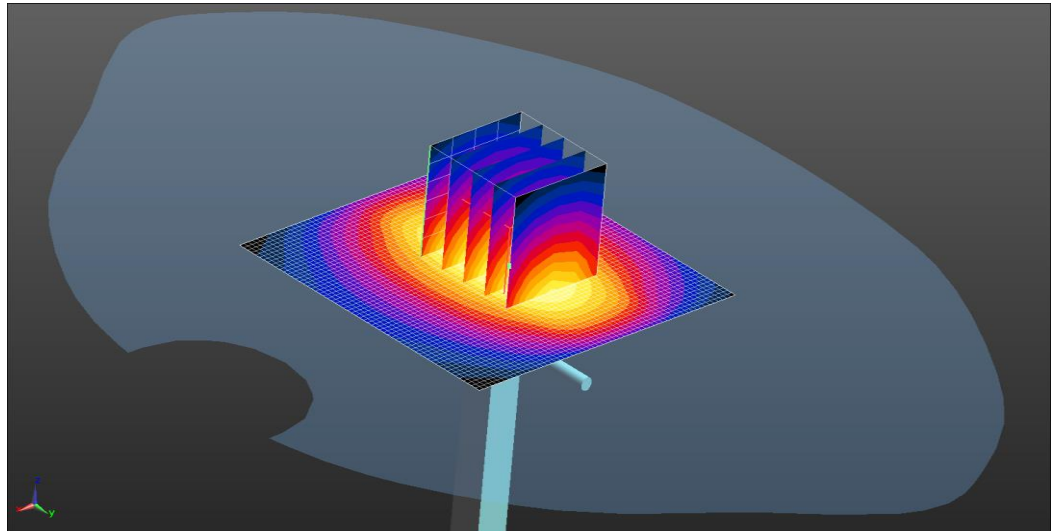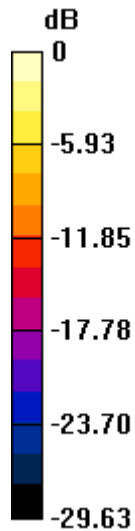**SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.65 W/kg**
Maximum value of SAR (measured) = 2.76 W/kg
System Performance Check 900MHz Body 14 07 14

075: System Performance Check 1900MHz Head 07 07 14
Date: 7/7/14
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537

0 dB = 11.1 W/kg = 10.44 dBW/kg

Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used: f = 1900 MHz; σ = 1.342 S/m; ε_r = 39.272; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(7.96, 7.96, 7.96); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.10 (7331)

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.1 W/kg

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 89.06 V/m; Power Drift = 0.03 dB
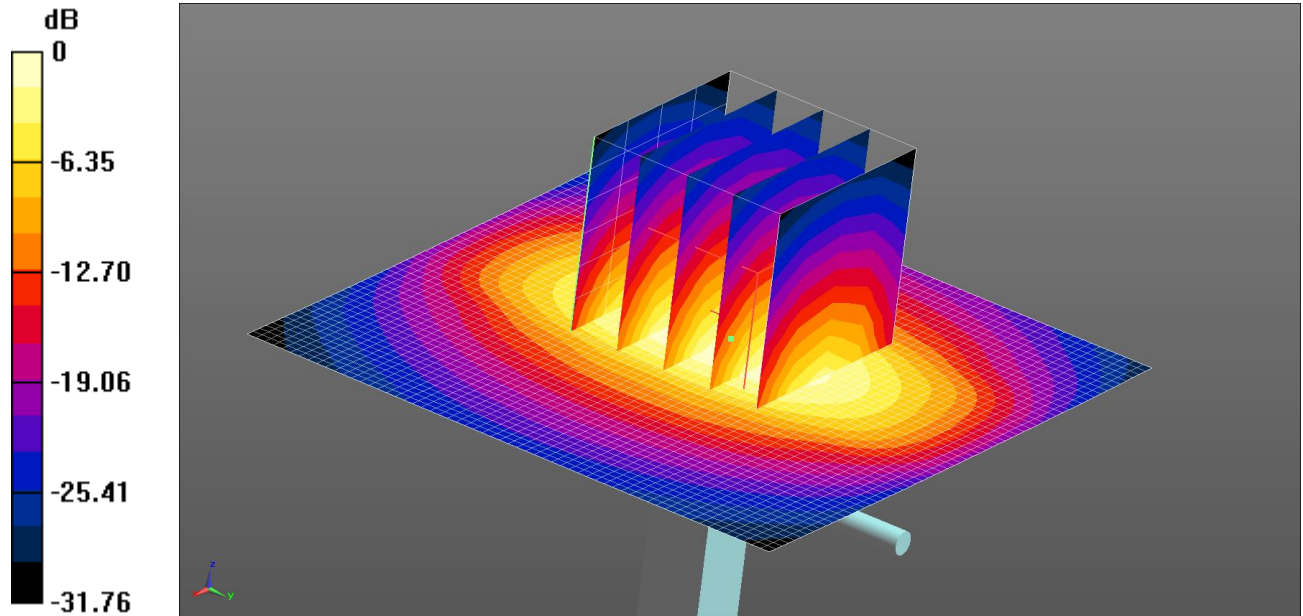Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 9.63 W/kg; SAR(10 g) = 5.07 W/kg
Maximum value of SAR (measured) = 10.8 W/kg

076: System Performance Check 1900MHz Body 07 07 14
Date: 7/7/14
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537

0 dB = 11.3 W/kg = 10.55 dBW/kg

Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz /MSL Medium parameters used: f = 1900 MHz; σ = 1.514 S/m; ε_r = 51.965; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(7.74, 7.74, 7.74); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe)/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.3 W/kg

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe)/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 84.76 V/m; Power Drift = 0.03 dB
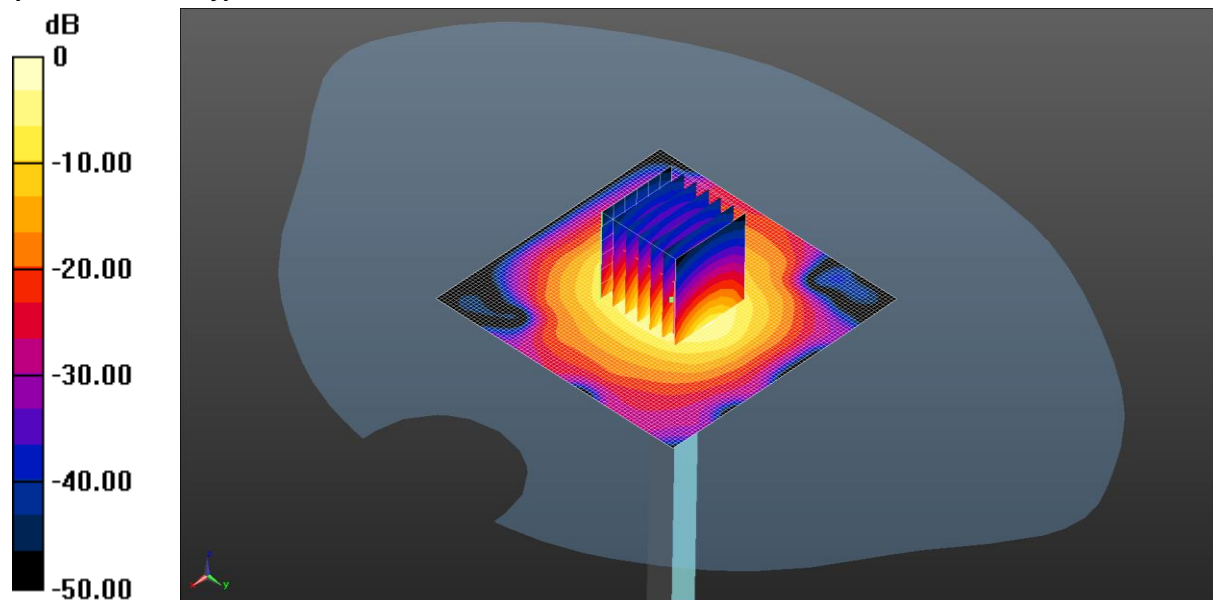Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 9.77 W/kg; SAR(10 g) = 5.13 W/kg
Maximum value of SAR (measured) = 10.9 W/kg

077: System Performance Check 2450MHz Head 10 07 14
Date: 10/07/2014
DUT: Dipole 2440 MHz; Type: D2440V2; Serial: D2440V2 - SN:701

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

Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used: f = 2450 MHz; σ = 1.861 S/m; ε_r = 38.785; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(7.34, 7.34, 7.34); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/d=10mm, Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 15.3 W/kg

Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.301 V/m; Power Drift = -0.36 dB
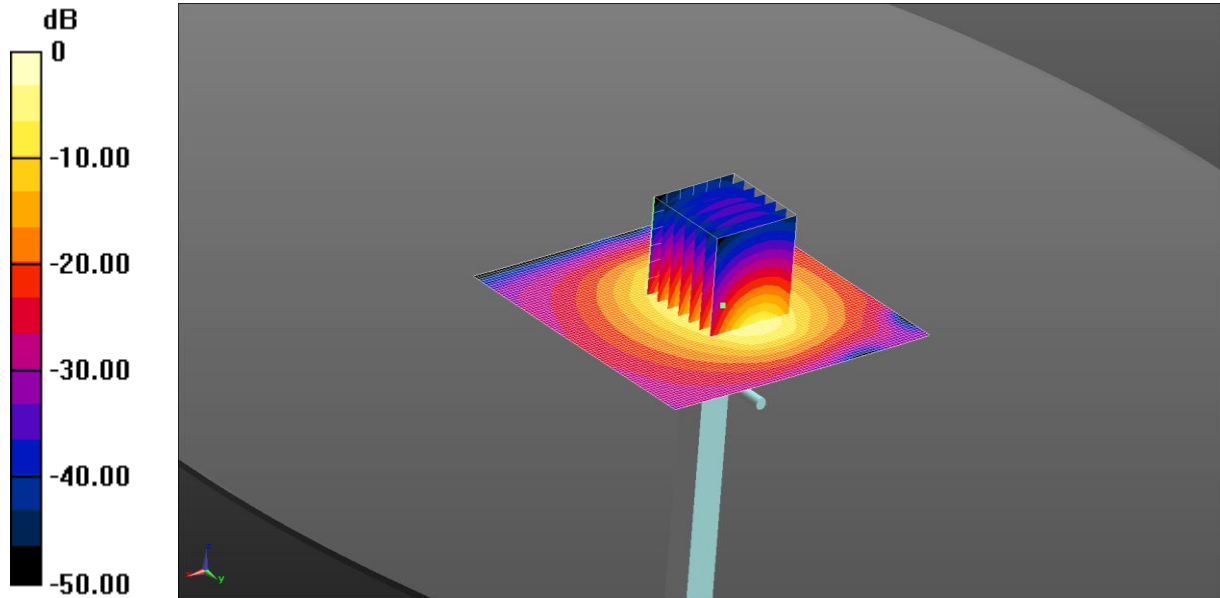Peak SAR (extrapolated) = 30.2 W/kg
SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.2 W/kg
Maximum value of SAR (measured) = 15.6 W/kg

078: System Performance Check 2450MHz Body 10 07 14
Date: 10/07/2014
DUT: Dipole 2440 MHz; Type: D2440V2; Serial: D2440V2 - SN:701

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

Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: 2450MHz MSL Medium parameters used: f = 2450 MHz; σ = 2.044 S/m; ε_r = 51.014; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(7.39, 7.39, 7.39); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (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/d=10mm, Pin=250mW 2/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 15.2 W/kg

Configuration/d=10mm, Pin=250mW 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 81.124 V/m; Power Drift = -0.50 dB
Peak SAR (extrapolated) = 27.8 W/kg
SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.09 W/kg
Maximum value of SAR (measured) = 14.9 W/kg

079: System Performance Check 5200 MHz Head 08 07 14
Date: 8/7/2014
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016
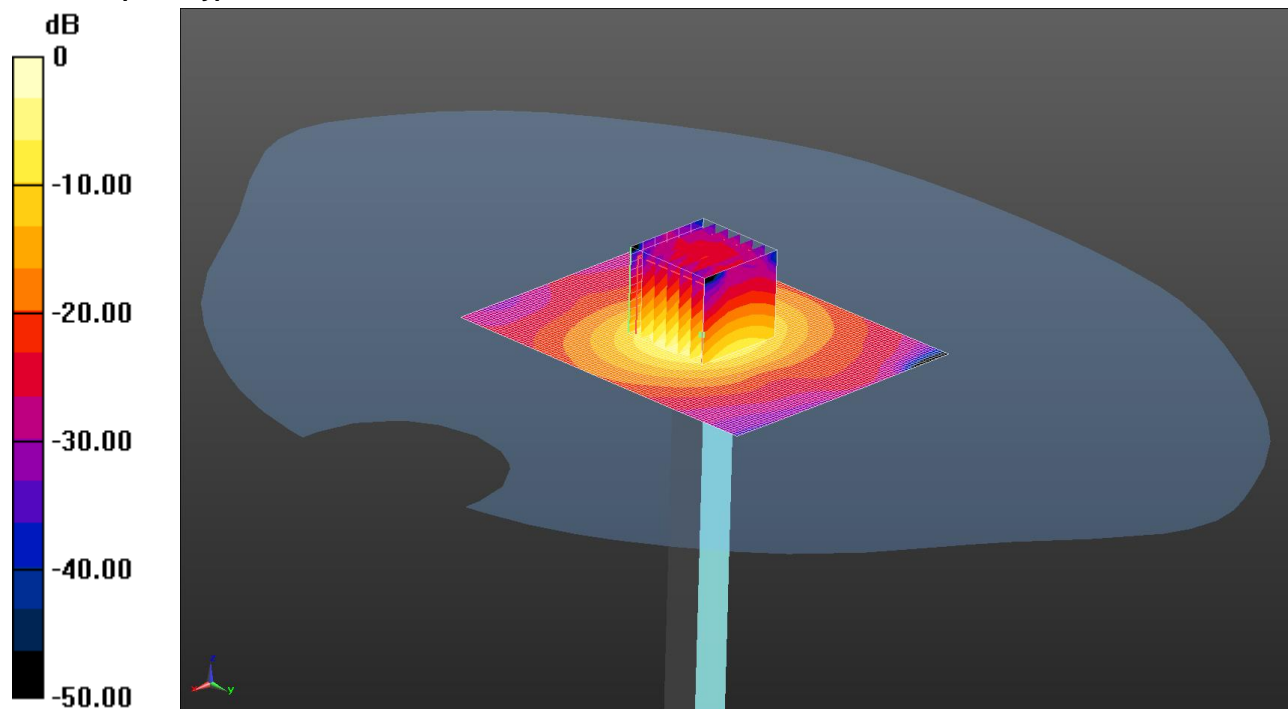
0 dB = 15.9 W/kg = 12.01 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used: f = 5200 MHz; σ = 4.738 S/m; ε_r = 35.229; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)
Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.4 W/kg

Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 43.88 V/m; Power Drift = -0.05 dB
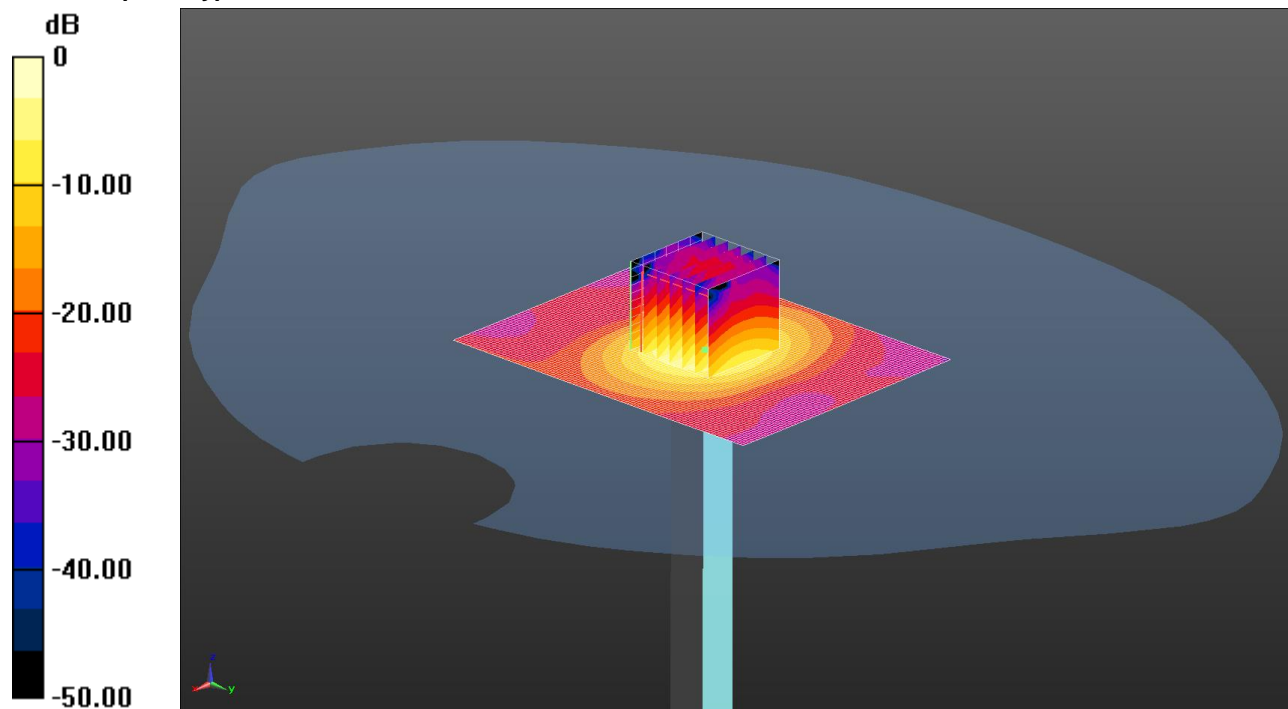Peak SAR (extrapolated) = 30.7 W/kg
SAR(1 g) = 7.65 W/kg; SAR(10 g) = 2.2 W/kg
Maximum value of SAR (measured) = 15.9 W/kg

080: System Performance Check 5500 MHz Head 08 07 14
Date: 8/7/2014
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

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

Communication System: UID 0, CW (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used: f = 5500 MHz; σ = 5.075 S/m; ε_r = 34.824; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.76, 4.76, 4.76); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)
Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.0 W/kg

Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 43.84 V/m; Power Drift = -0.14 dB
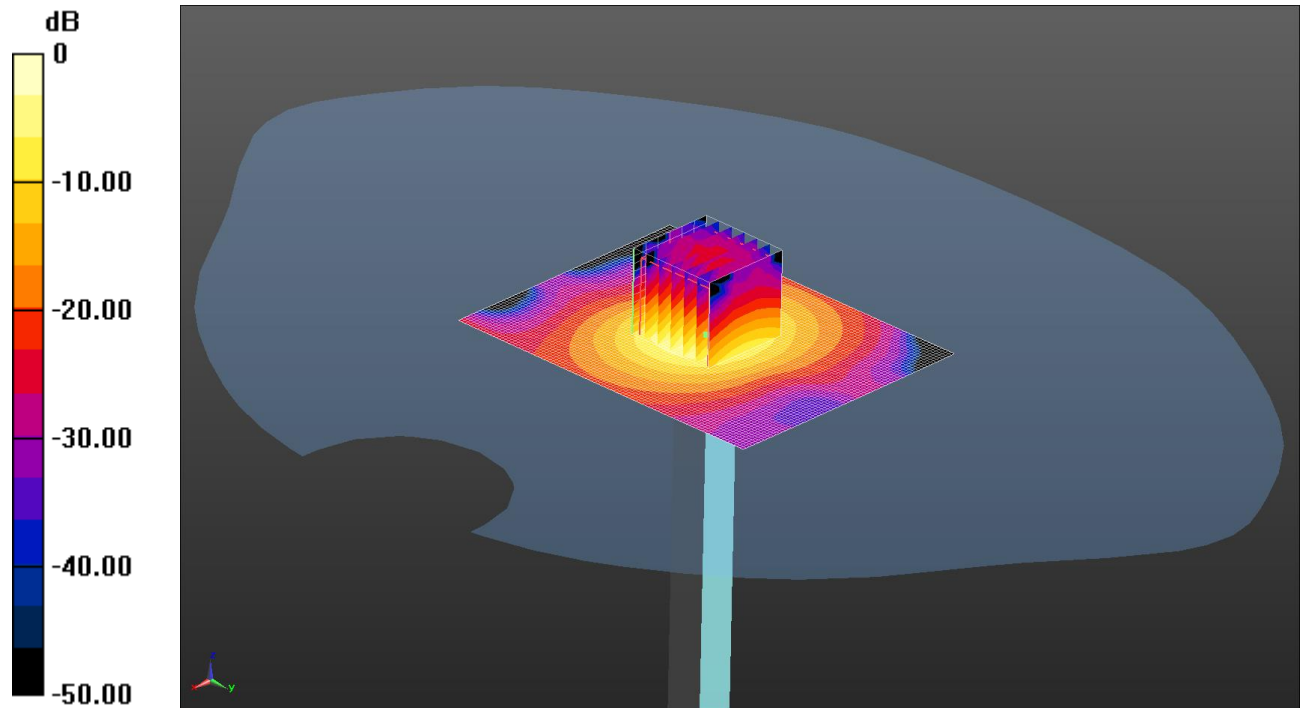Peak SAR (extrapolated) = 35.8 W/kg
SAR(1 g) = 8.31 W/kg; SAR(10 g) = 2.36 W/kg
Maximum value of SAR (measured) = 17.6 W/kg

081: System Performance Check 5800 MHz Head 08 07 14
Date: 8/7/2014
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used: f = 5800 MHz; σ = 5.425 S/m; ε_r = 34.369; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.59, 4.59, 4.59); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)
Configuration/d=10mm, Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 17.5 W/kg

Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 40.34 V/m; Power Drift = -0.13 dB
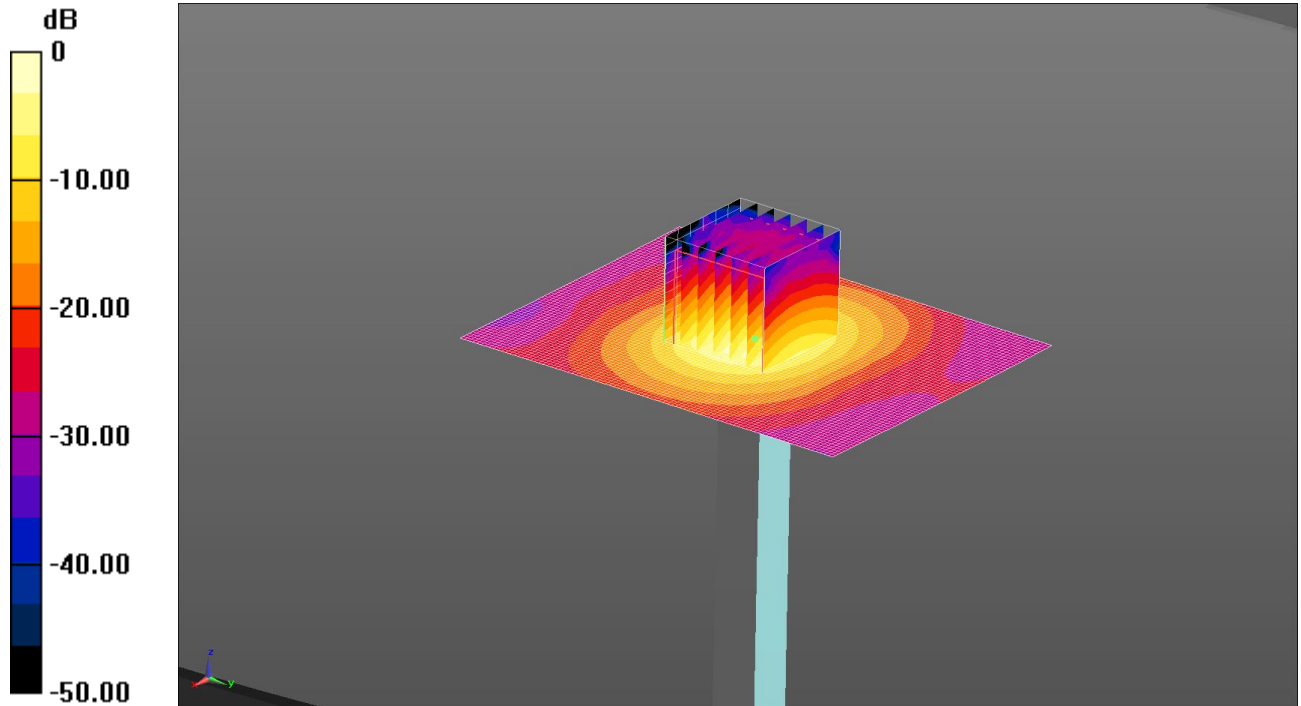Peak SAR (extrapolated) = 35.6 W/kg
SAR(1 g) = 7.94 W/kg; SAR(10 g) = 2.27 W/kg
Maximum value of SAR (measured) = 16.7 W/kg

082: System Performance Check 5200 MHz Body 08 07 14
Date: 8/7/2014
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

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

Communication System: UID 0, CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used: f = 5200 MHz; σ = 5.299 S/m; ε_r = 48.441; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 15.8 W/kg

Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 41.07 V/m; Power Drift = -0.16 dB
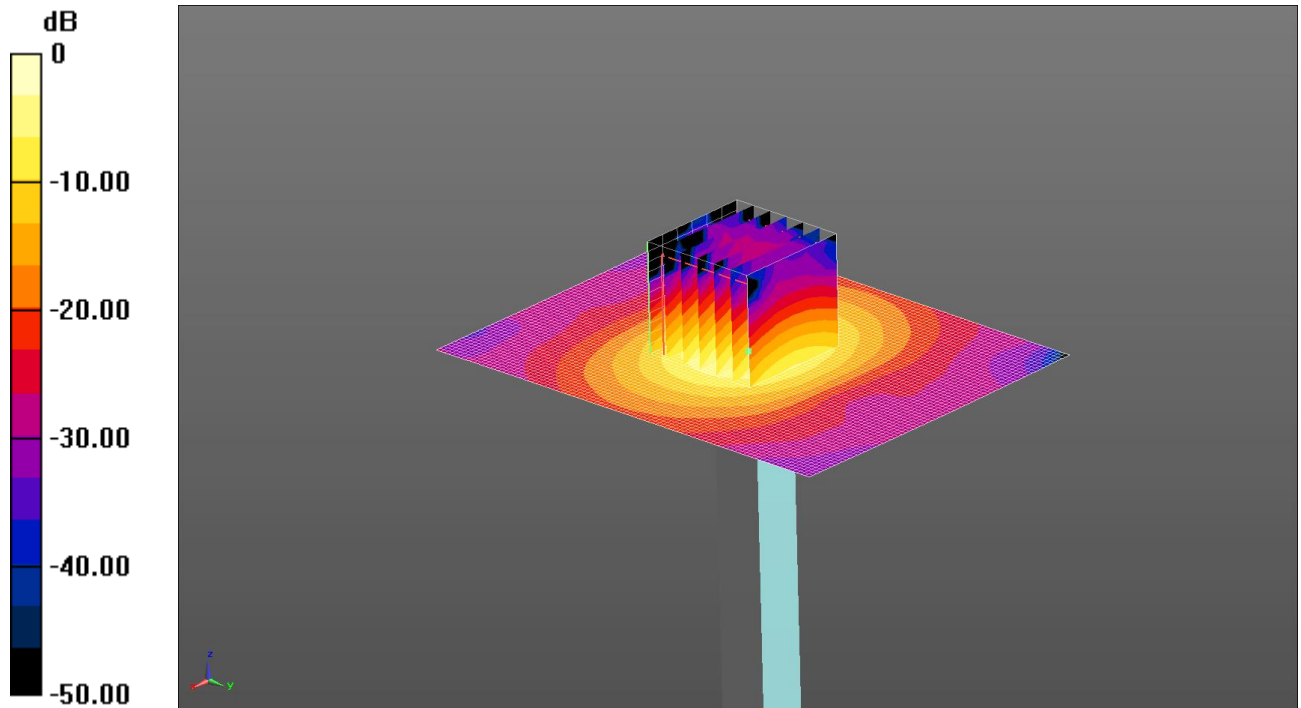Peak SAR (extrapolated) = 28.0 W/kg
SAR(1 g) = 7.15 W/kg; SAR(10 g) = 2.05 W/kg
Maximum value of SAR (measured) = 14.5 W/kg

083: System Performance Check 5500 MHz Body 08 07 14
Date: 8/7/2014
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

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

Communication System: UID 0, CW (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used: f = 5500 MHz; σ = 5.78 S/m; ε_r = 47.877; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 17.4 W/kg

Configuration/d=10mm, Pin=100mW 2/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 40.85 V/m; Power Drift = -0.02 dB
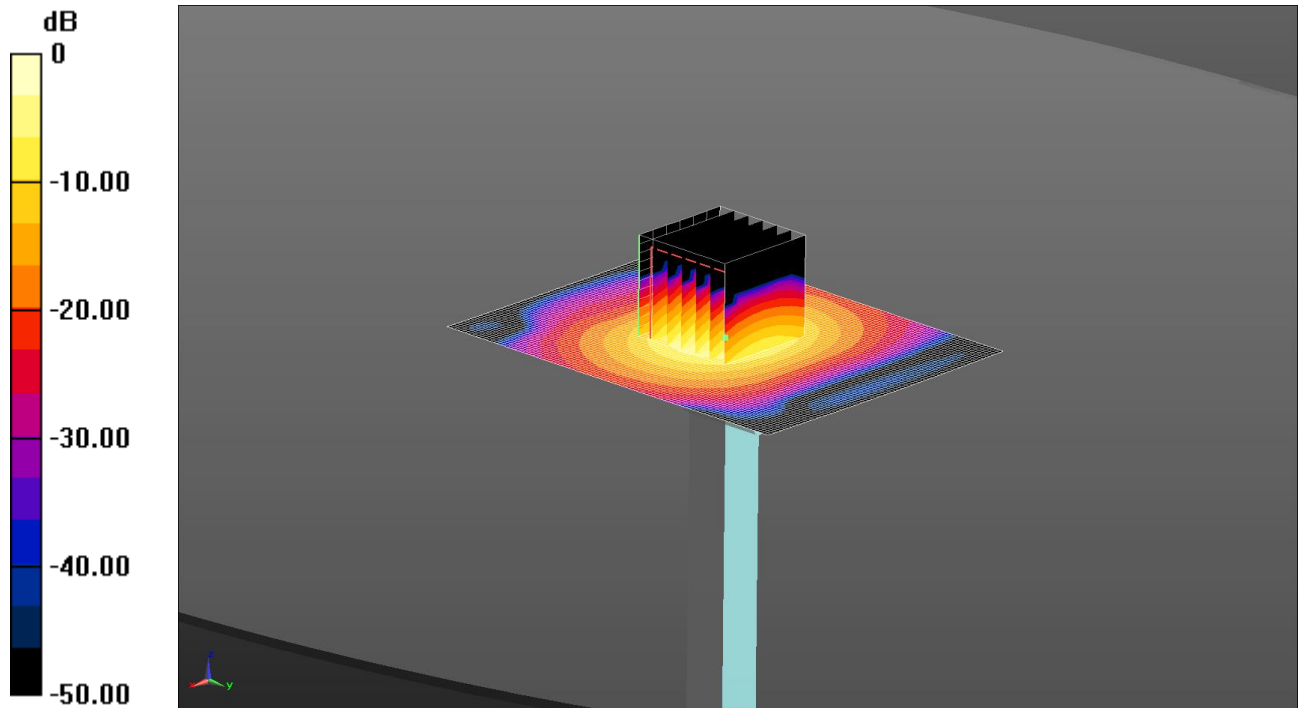Peak SAR (extrapolated) = 31.8 W/kg
SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.22 W/kg
Maximum value of SAR (measured) = 16.6 W/kg

084: System Performance Check 5800 MHz Body 08 07 14
Date: 8/7/2014
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz MSL Medium parameters used: f = 5800 MHz; σ = 6.299 S/m; ε_r = 47.202; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW 2 2 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.9 W/kg

Configuration/d=10mm, Pin=100mW 2 2 2 2/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 37.35 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 32.9 W/kg
SAR(1 g) = 7.49 W/kg; SAR(10 g) = 2.06 W/kg
Maximum value of SAR (measured) = 16.2 W/kg