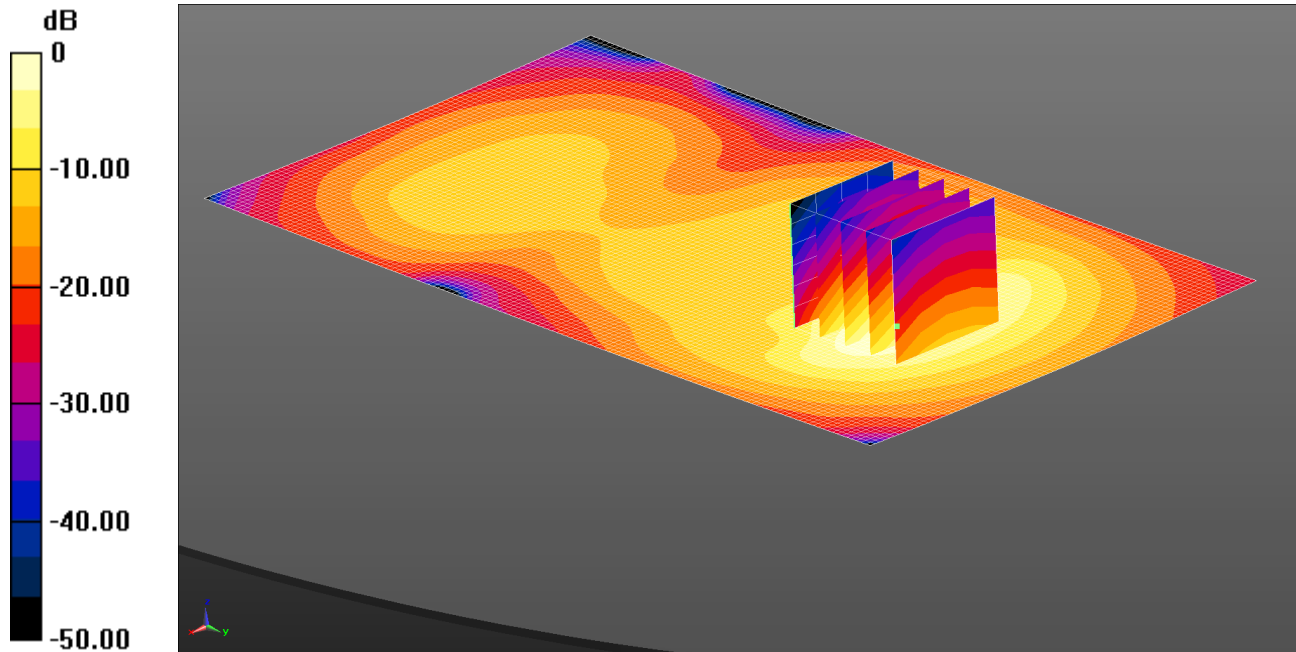


056: Back of EUT Facing Phantom 15mm UMTS 2 RMC 12.2kbps CH9262

Date: 16/1/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



Communication System: UID 0, UMTS FDD (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.493$ S/m; $\epsilon_r = 52.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;

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

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

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

- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back - Middle/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.898 W/kg

Configuration/Back - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.23 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.30 W/kg

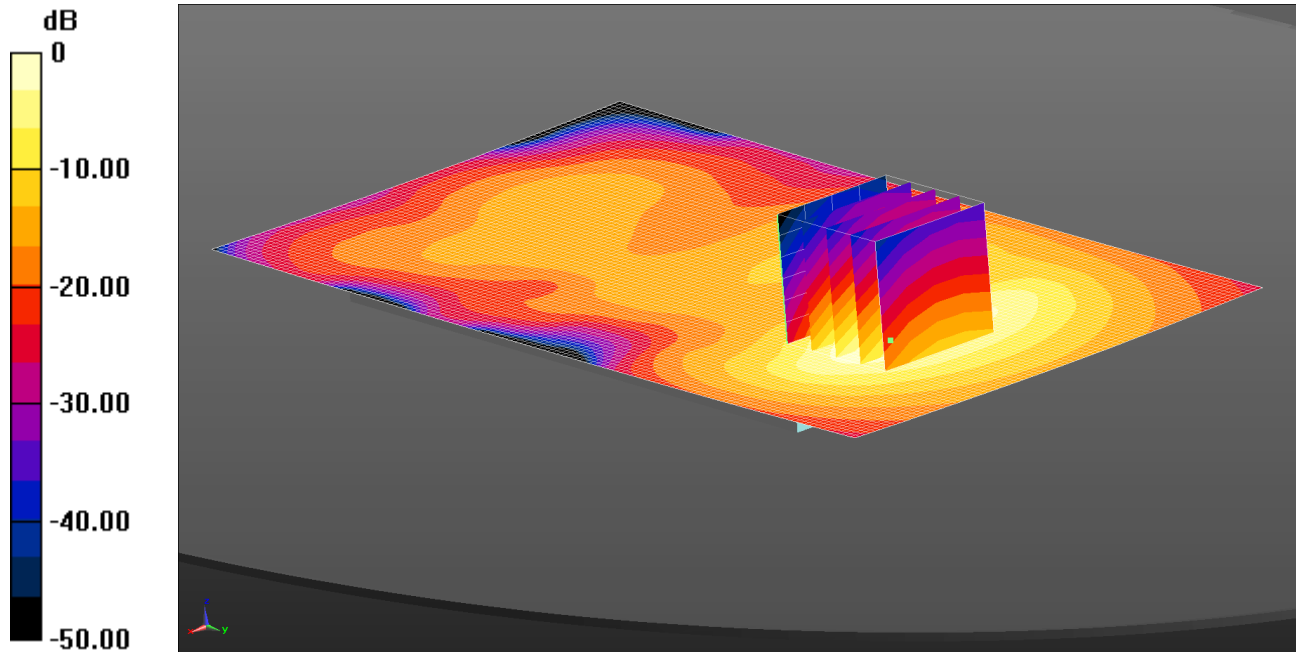
SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.440 W/kg

Maximum value of SAR (measured) = 0.865 W/kg

057: Back of EUT Facing Phantom 15mm UMTS 2 RMC 12.2kbps CH9538

Date: 16/1/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 1.09 W/kg = 0.36 dBW/kg

Communication System: UID 0, UMTS FDD (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.55$ S/m; $\epsilon_r = 52.089$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back - Middle/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Configuration/Back - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.835 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.55 W/kg

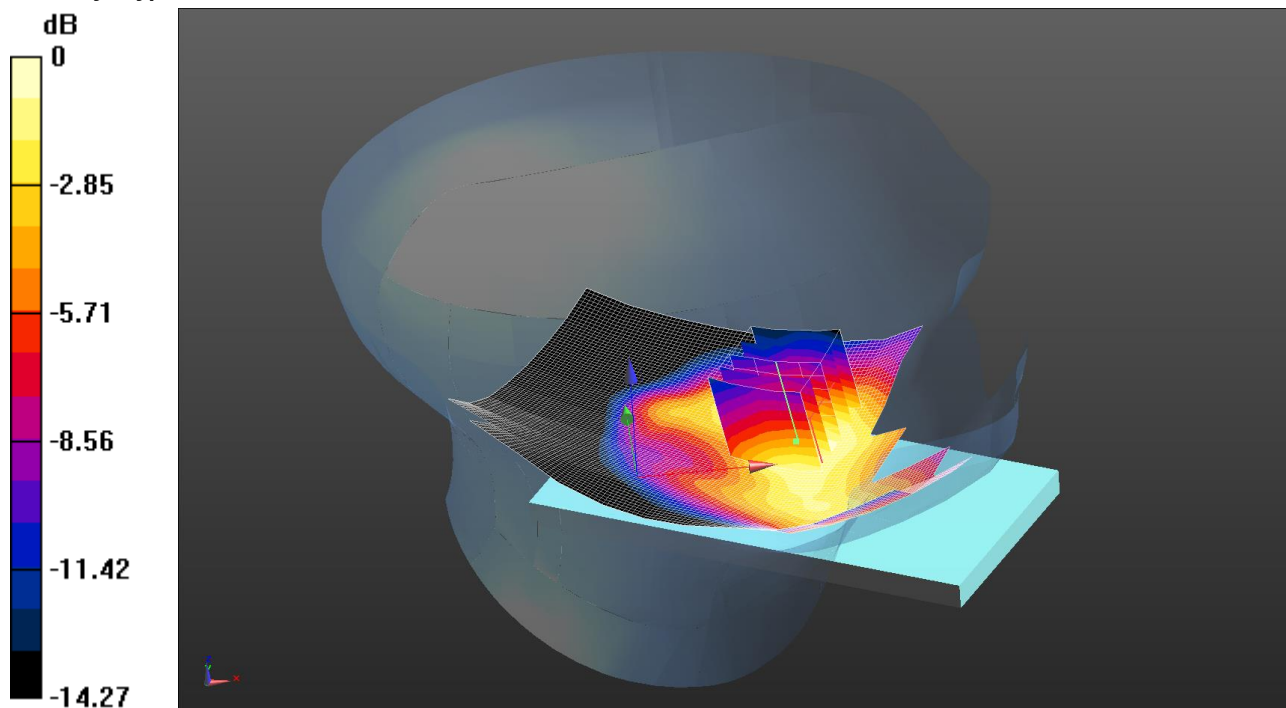
SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.520 W/kg

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

058: Touch Left UMTS FDD 4 RMC 12.2kbps CH1412

Date: 20/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.557 W/kg = -2.54 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.129$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.25, 5.25, 5.25); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Left - Middle/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.569 W/kg

Configuration/Touch Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.166 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.676 W/kg

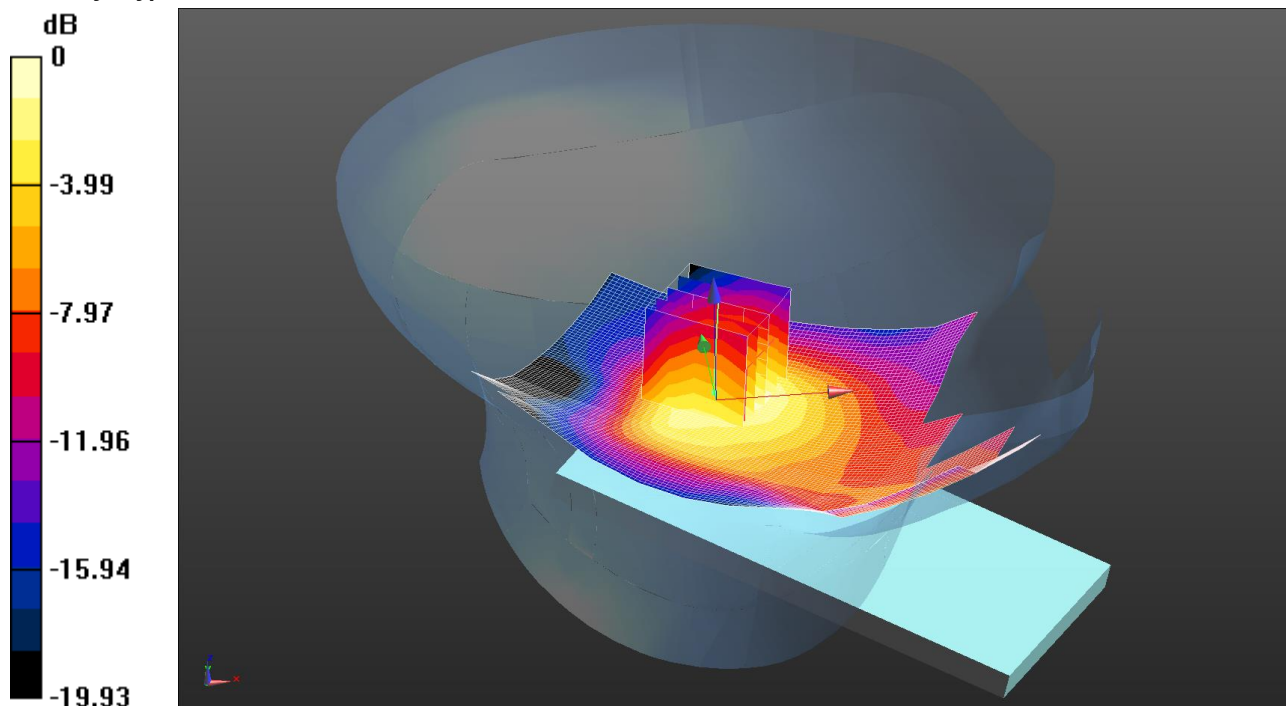
SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.557 W/kg

059: Tilt Left UMTS FDD 4 RMC 12.2kbps CH1412

Date: 20/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.382 W/kg = -4.18 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.129$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.25, 5.25, 5.25); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Tilt Left - Middle/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Configuration/Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.361 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.558 W/kg

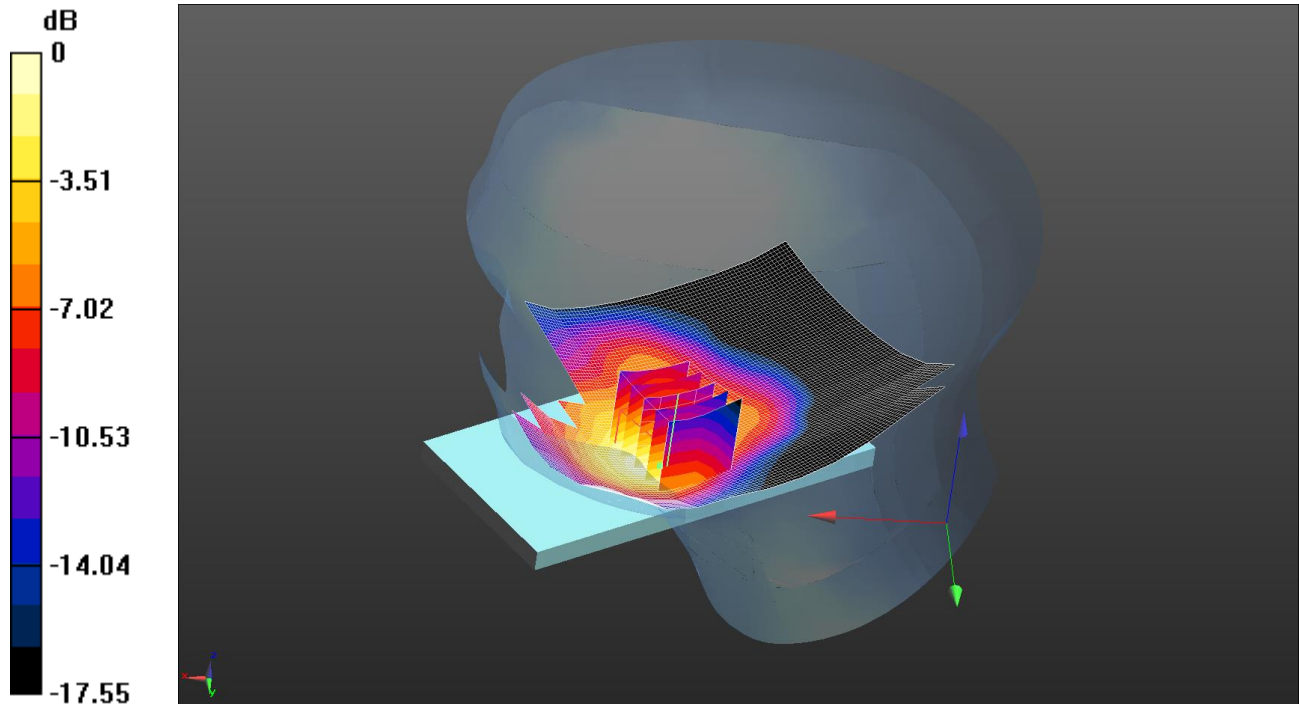
SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.382 W/kg

060: Touch Right UMTS FDD 4 RMC 12.2kbps CH1412

Date: 20/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.843 W/kg = -0.74 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.129$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.25, 5.25, 5.25); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right - Middle/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.889 W/kg

Configuration/Touch Right - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.196 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.08 W/kg

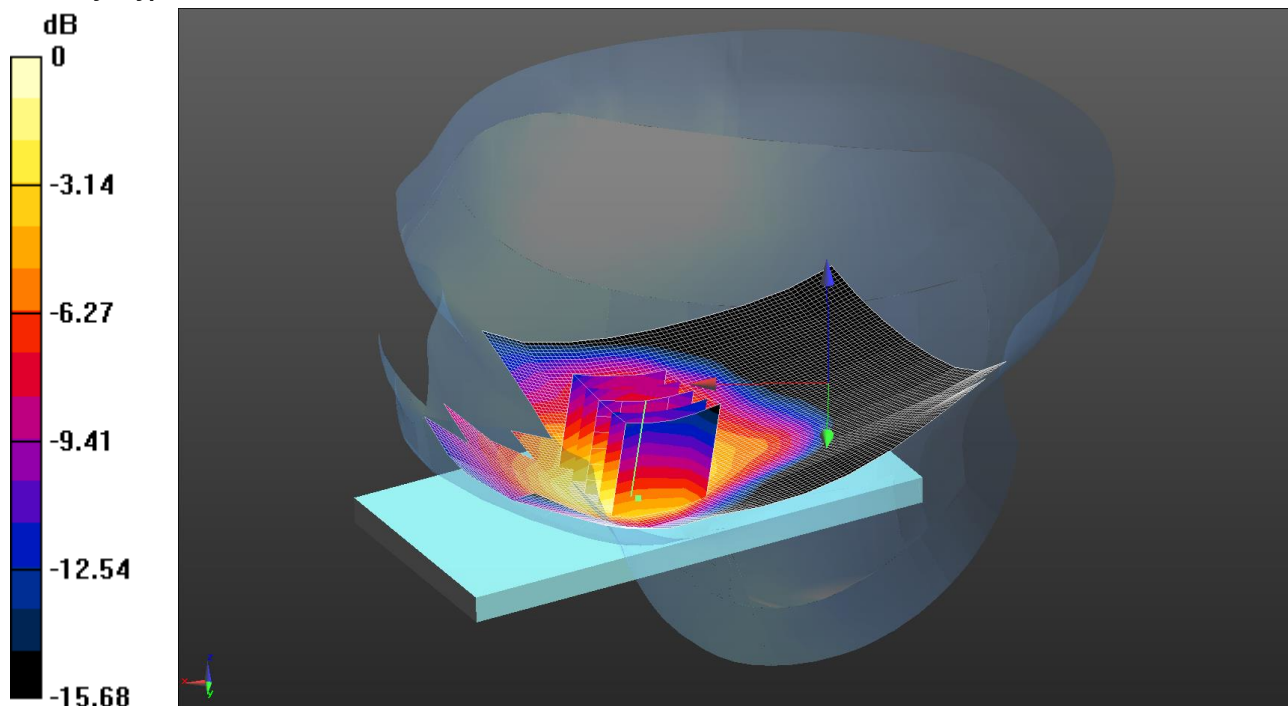
SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.503 W/kg

Maximum value of SAR (measured) = 0.843 W/kg

061: Touch Right UMTS FDD 4 RMC 12.2kbps CH1312

Date: 20/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.743 W/kg = -1.29 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.352$ S/m; $\epsilon_r = 39.205$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.25, 5.25, 5.25); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right - Low/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.795 W/kg

Configuration/Touch Right - Low/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.469 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.960 W/kg

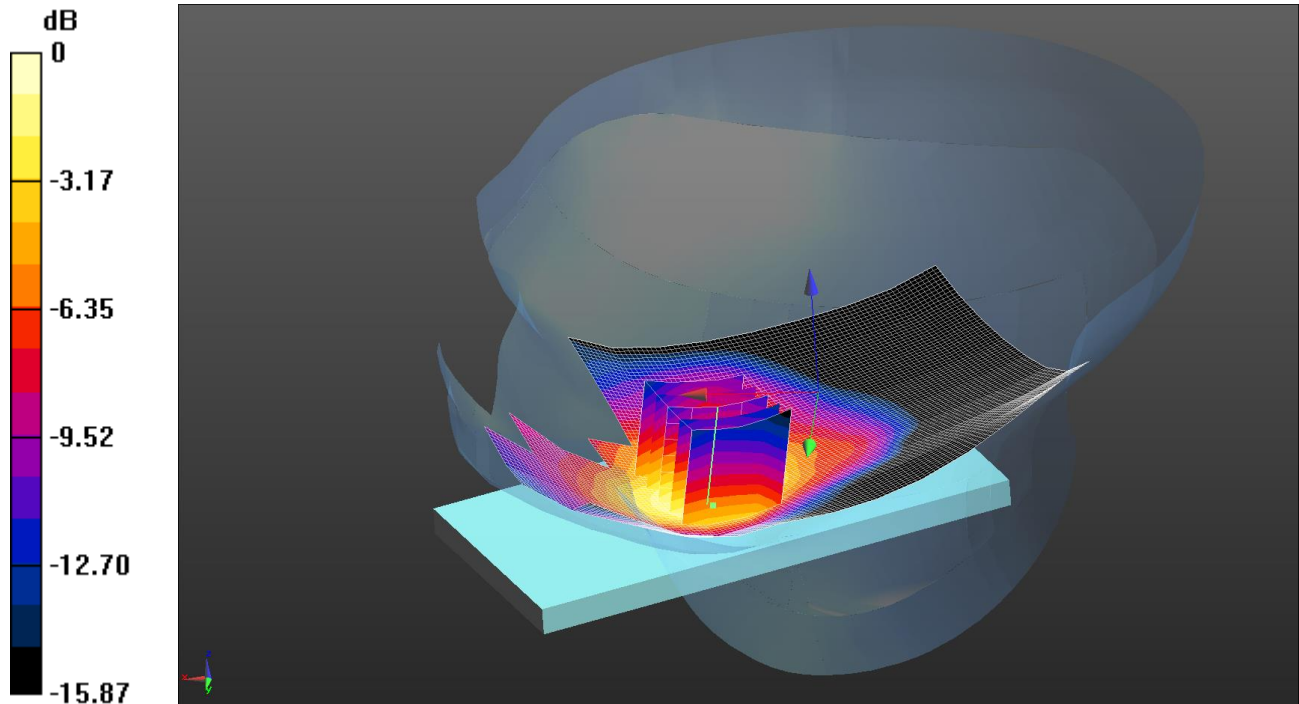
SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.453 W/kg

Maximum value of SAR (measured) = 0.743 W/kg

062: Touch Right UMTS FDD 4 RMC 12.2kbps CH1513

Date: 20/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.794 W/kg = -1.00 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.391$ S/m; $\epsilon_r = 39.051$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.25, 5.25, 5.25); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right - High/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.812 W/kg

Configuration/Touch Right - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.612 V/m; Power Drift = -0.02 dB

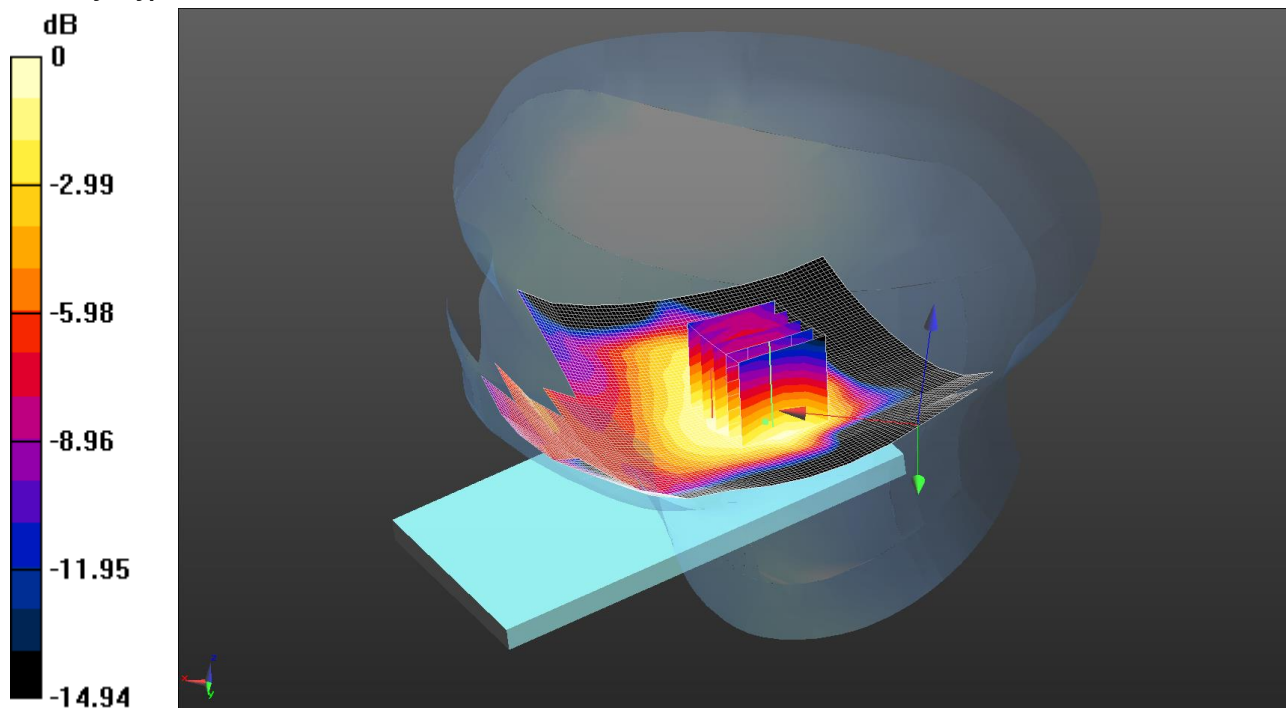
Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.753 W/kg; SAR(10 g) = 0.472 W/kg

063: Tilt Right UMTS FDD 4 RMC 12.2kbps CH1412

Date: 20/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.256 W/kg = -5.92 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.129$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.25, 5.25, 5.25); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Tilt Right - Middle/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.263 W/kg

Configuration/Tilt Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.789 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.316 W/kg

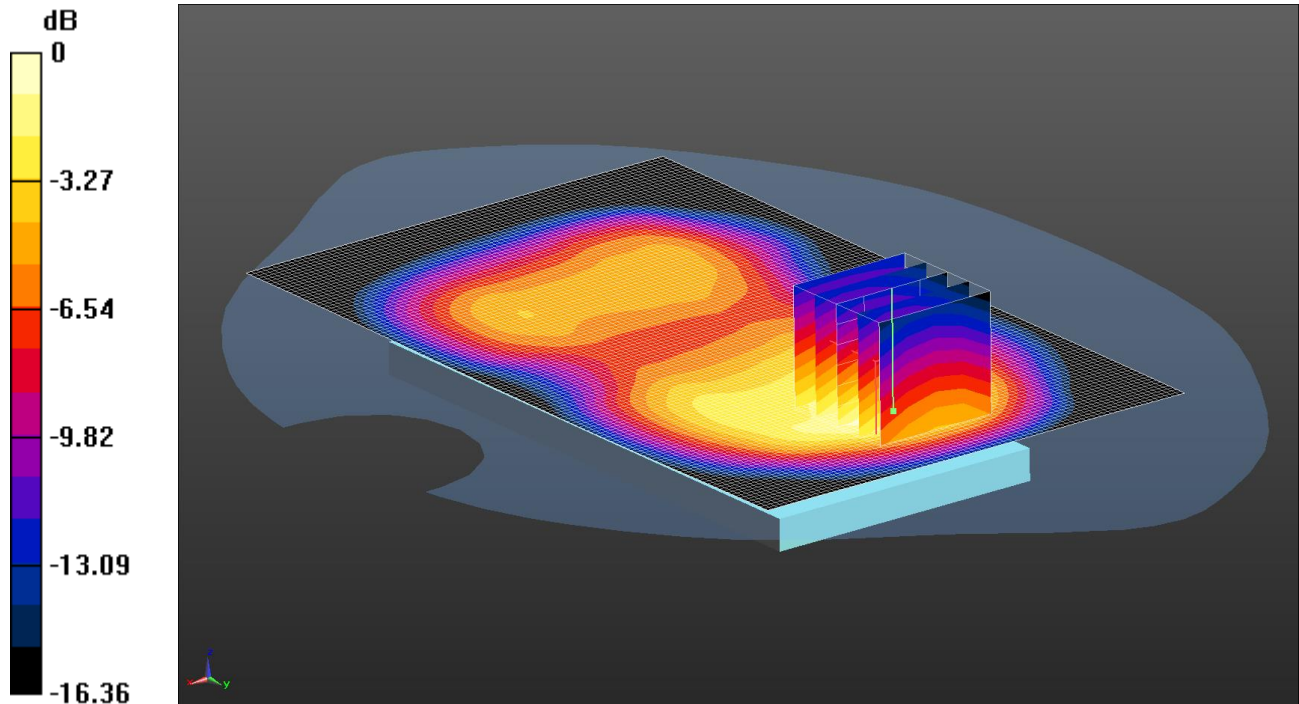
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.158 W/kg

Maximum value of SAR (measured) = 0.256 W/kg

064: Front of EUT Facing Phantom UMTS FDD 4 RMC 12.2kbps CH1412

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.727 W/kg = -1.38 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.753$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.68, 4.68, 4.68); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Front of EUT Facing Phantom- Middle/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.753 W/kg

Configuration/Front of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.161 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.996 W/kg

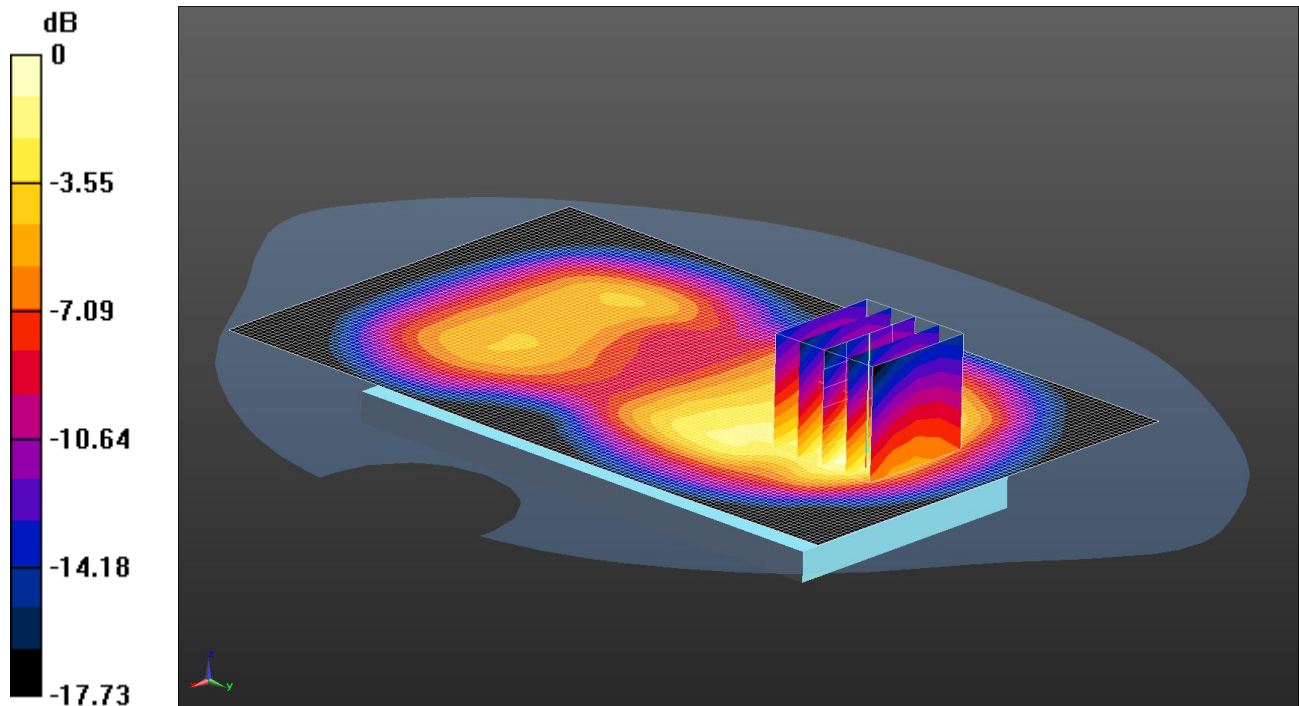
SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.390 W/kg

Maximum value of SAR (measured) = 0.727 W/kg

065: Back of EUT Facing Phantom UMTS FDD 4 RMC 12.2kbps CH1412

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.732 W/kg = -1.35 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.753$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.68, 4.68, 4.68); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- 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 (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.712 W/kg

Configuration/Back of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.882 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.04 W/kg

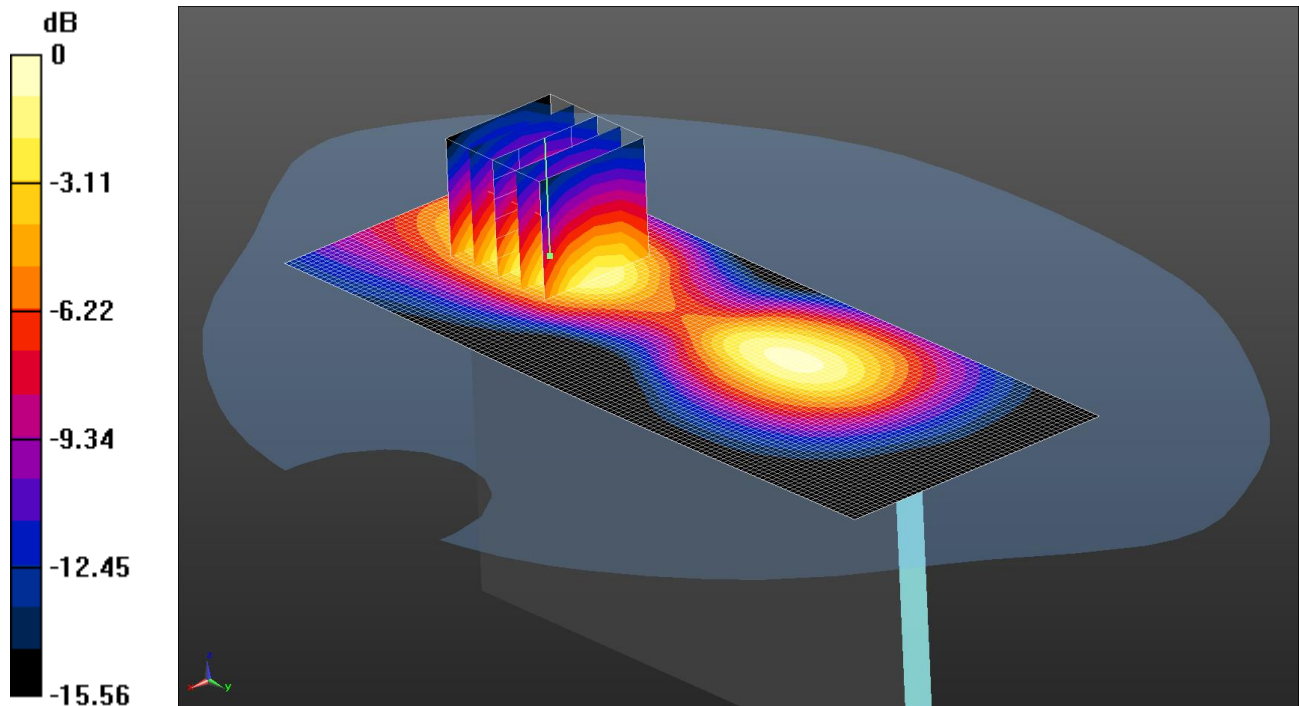
SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.378 W/kg

Maximum value of SAR (measured) = 0.732 W/kg

066: Left Hand Side of EUT Facing Phantom UMTS FDD 4 RMC 12.2kbps CH1412

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.342 W/kg = -4.66 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.753$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.68, 4.68, 4.68); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- 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 (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.350 W/kg

Configuration/Left Hand Side of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.052 V/m; Power Drift = 0.06 dB

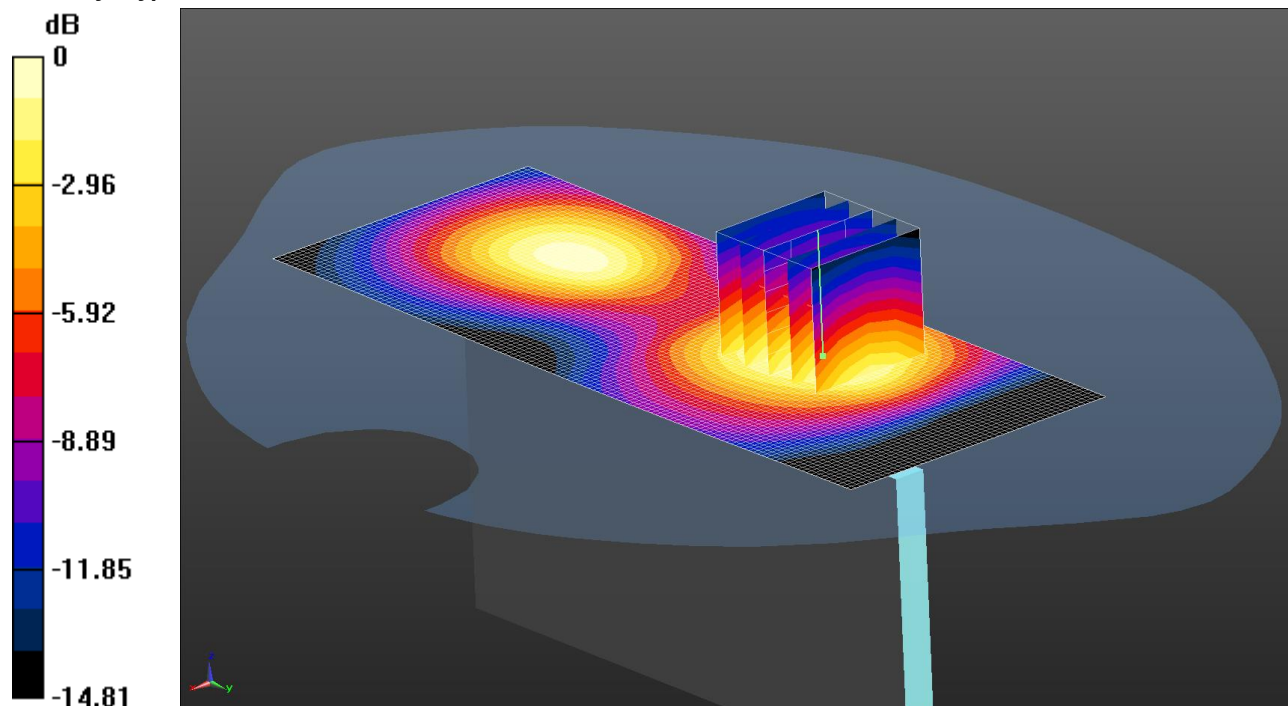
Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.181 W/kg

067: Right Hand Side of EUT Facing Phantom UMTS FDD 4 RMC 12.2kbps CH1412

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.275 W/kg = -5.61 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.753$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.68, 4.68, 4.68); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Right Hand Side of EUT Facing Phantom- Middle/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.284 W/kg

Configuration/Right Hand Side of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.819 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.365 W/kg

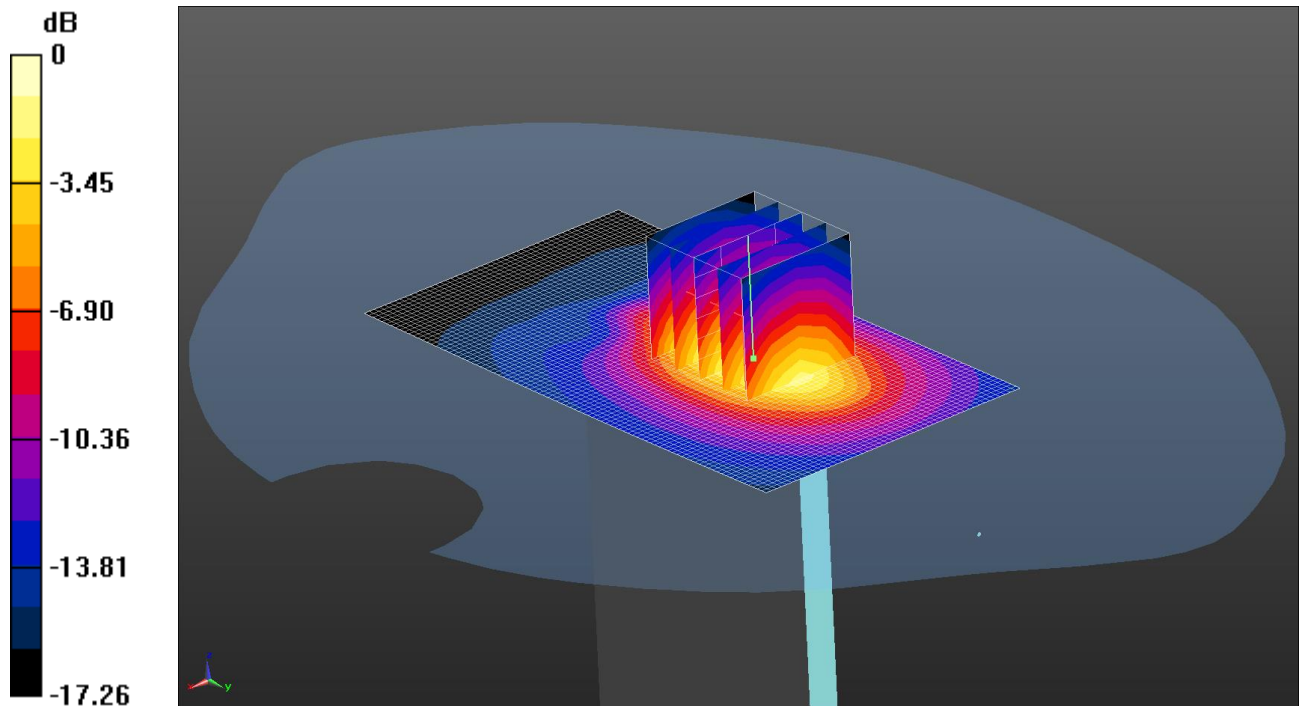
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.275 W/kg

068: Bottom of EUT Facing Phantom UMTS FDD 4 RMC 12.2kbps CH1412

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.737 W/kg = -1.33 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.753$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.68, 4.68, 4.68); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- 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 (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.778 W/kg

Configuration/Bottom of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.314 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.02 W/kg

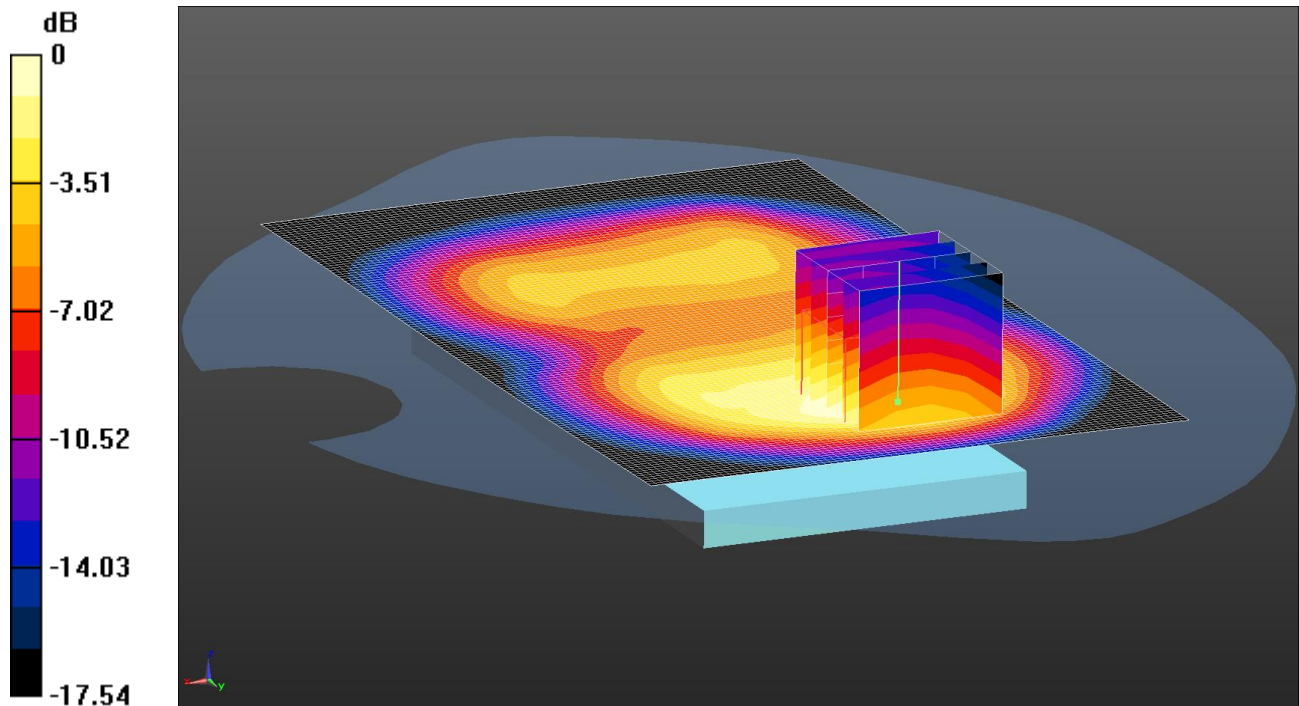
SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.357 W/kg

Maximum value of SAR (measured) = 0.737 W/kg

069: Front of EUT Facing Phantom UMTS FDD 4 RMC 12.2kbps CH1312

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.689 W/kg = -1.62 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.49$ S/m; $\epsilon_r = 51.826$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.68, 4.68, 4.68); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Front of EUT Facing Phantom- Low/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.736 W/kg

Configuration/Front of EUT Facing Phantom- Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.735 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.948 W/kg

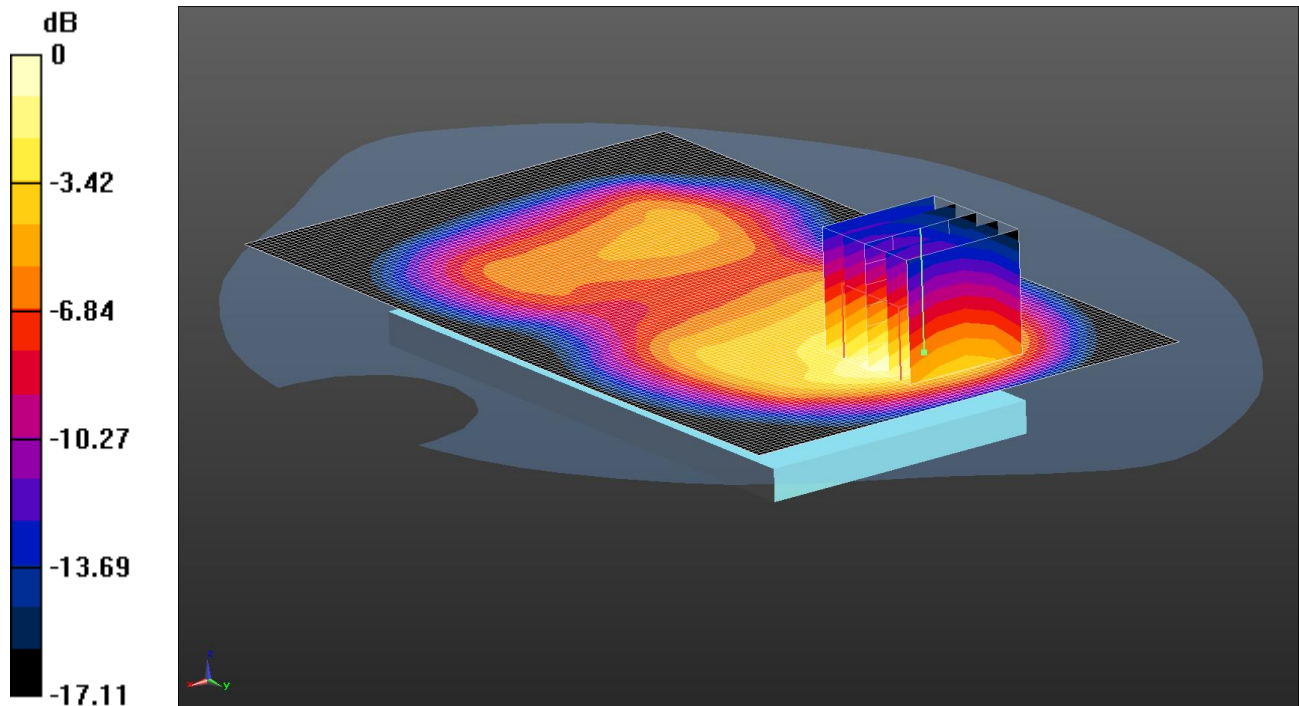
SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.390 W/kg

Maximum value of SAR (measured) = 0.689 W/kg

070: Front of EUT Facing Phantom UMTS FDD 4 RMC 12.2kbps CH1513

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.782 W/kg = -1.07 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 51.682$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.68, 4.68, 4.68); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Front of EUT Facing Phantom- High/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.819 W/kg

Configuration/Front of EUT Facing Phantom- High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.596 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.13 W/kg

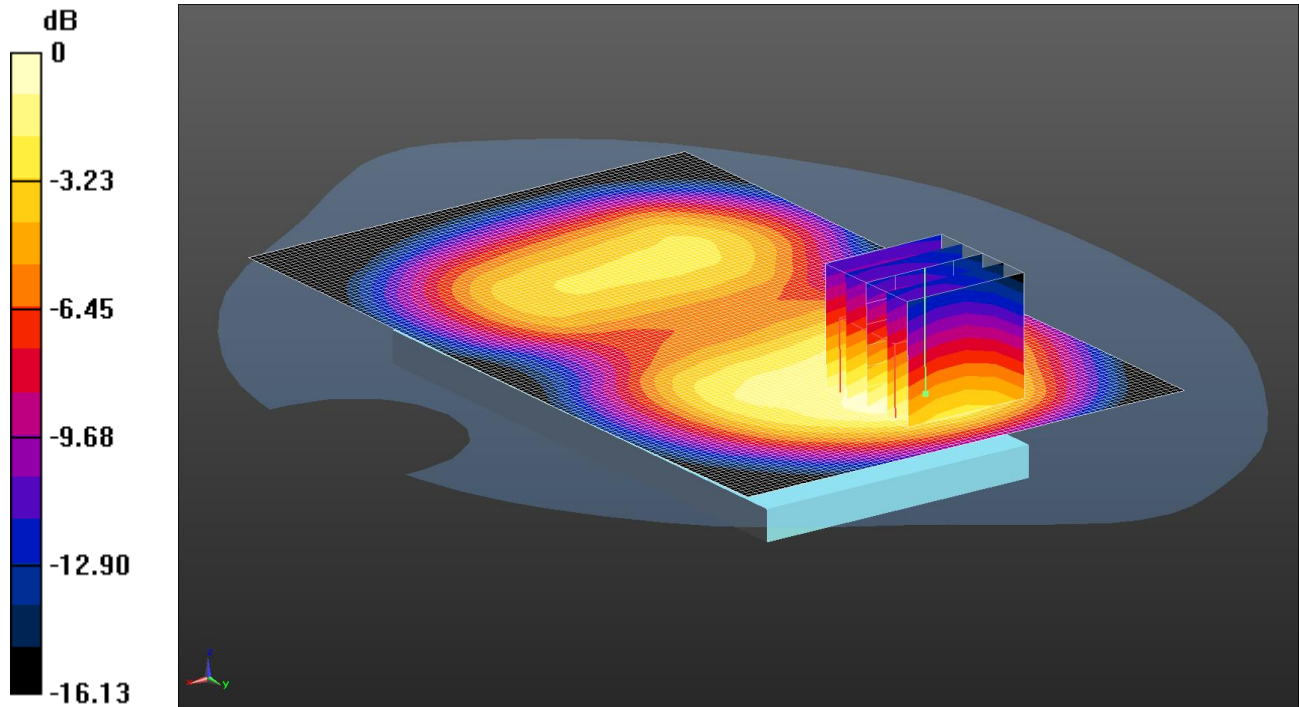
SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.409 W/kg

Maximum value of SAR (measured) = 0.782 W/kg

071: Front of EUT Facing Phantom at 15mm UMTS FDD 4 RMC 12.2kbps CH1412

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.528 W/kg = -2.77 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.753$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.68, 4.68, 4.68); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Front of EUT Facing Phantom at 15mm- Middle/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.545 W/kg

Configuration/Front of EUT Facing Phantom at 15mm- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.040 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.718 W/kg

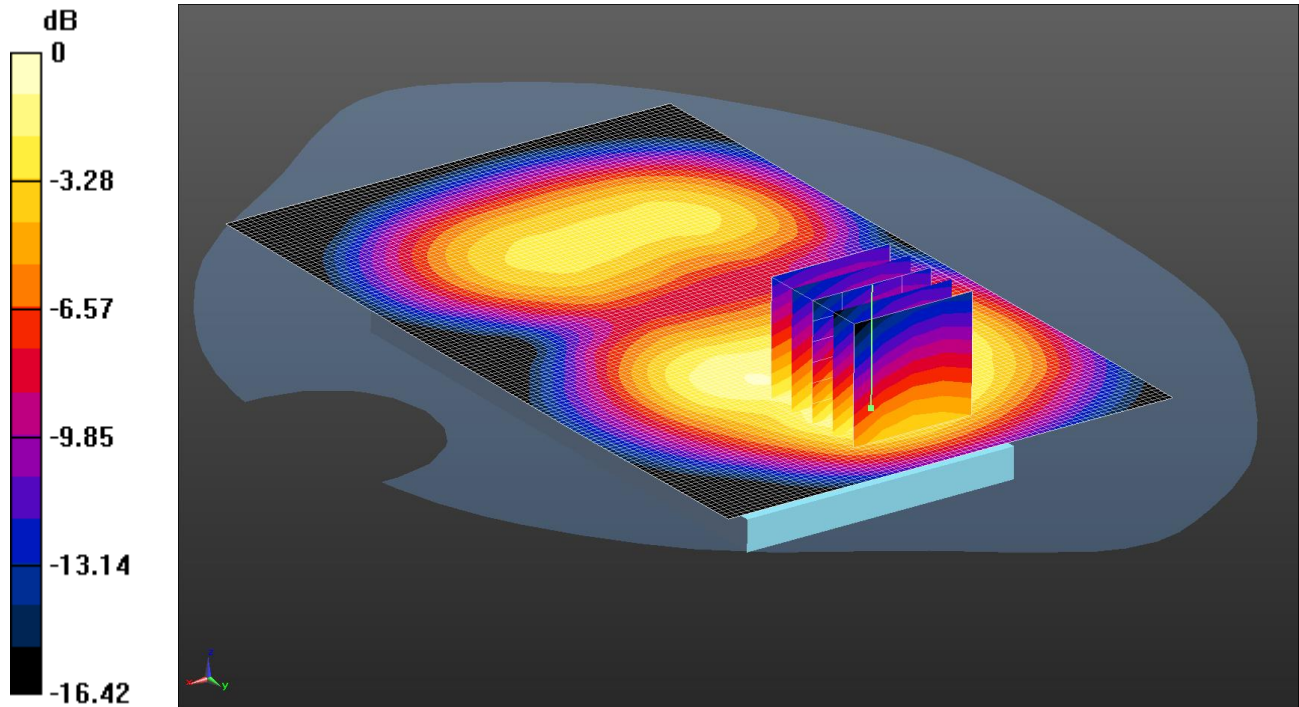
SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (measured) = 0.528 W/kg

072: Back of EUT Facing Phantom at 15mm UMTS FDD 4 RMC 12.2kbps CH1412

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.492 W/kg = -3.08 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.753$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.68, 4.68, 4.68); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom at 15mm- Middle/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.512 W/kg

Configuration/Back of EUT Facing Phantom at 15mm- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.064 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.665 W/kg

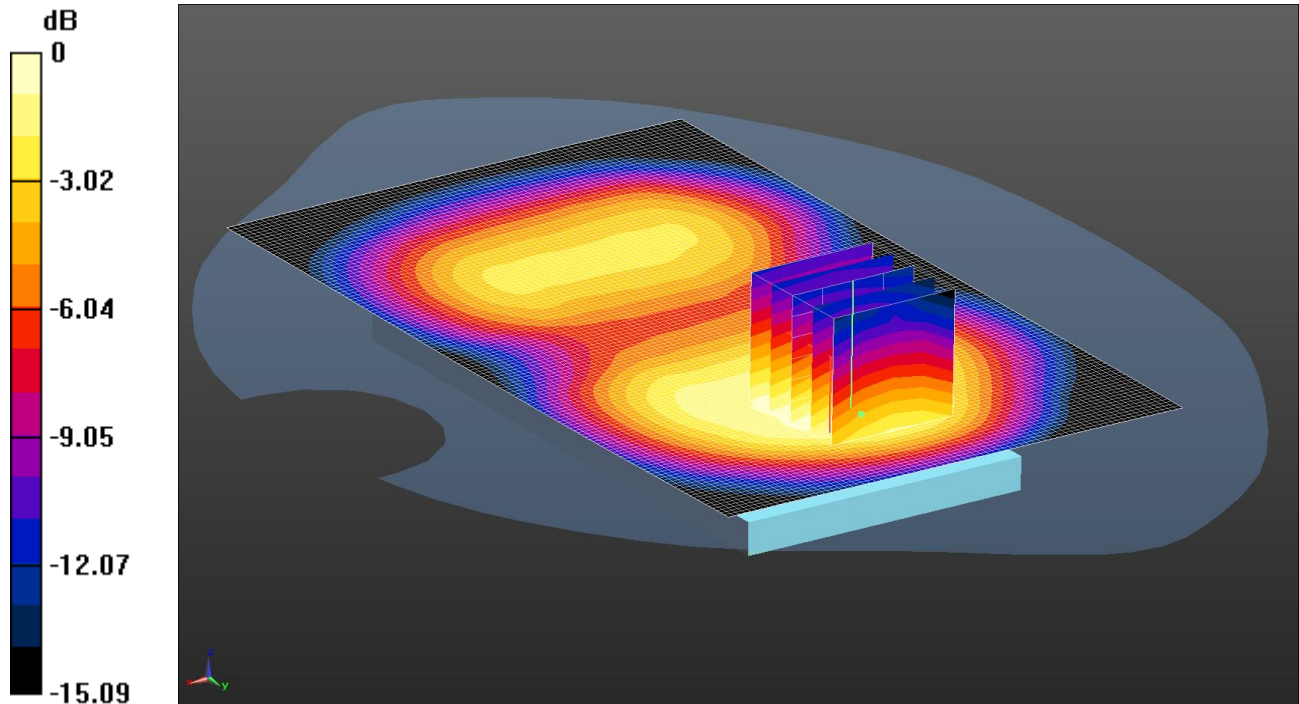
SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.276 W/kg

Maximum value of SAR (measured) = 0.492 W/kg

073: Front of EUT Facing Phantom at 15mm UMTS FDD 4 RMC 12.2kbps CH1312

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.506 W/kg = -2.96 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.49$ S/m; $\epsilon_r = 51.826$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.68, 4.68, 4.68); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Front of EUT Facing Phantom at 15mm- Low/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Configuration/Front of EUT Facing Phantom at 15mm- Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.916 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.669 W/kg

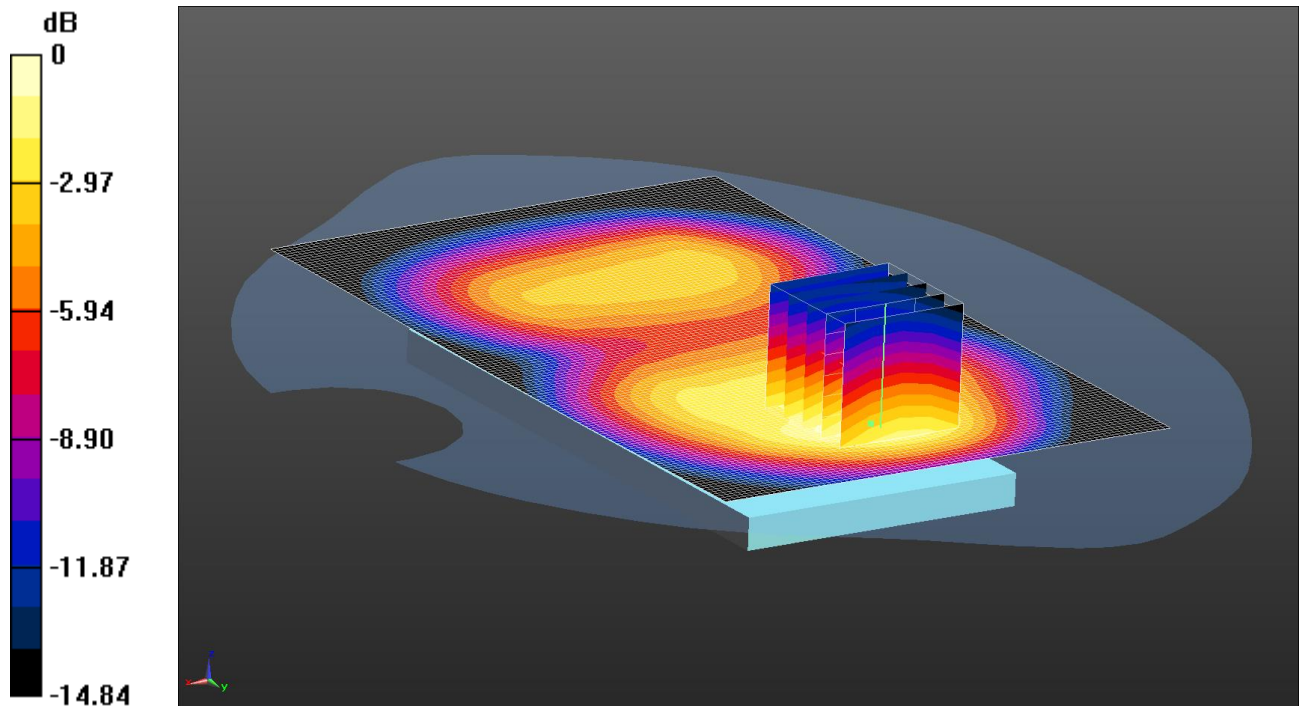
SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.301 W/kg

Maximum value of SAR (measured) = 0.506 W/kg

074: Front of EUT Facing Phantom at 15mm UMTS FDD 4 RMC 12.2kbps CH1513

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.530 W/kg = -2.76 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 51.682$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.68, 4.68, 4.68); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Front of EUT Facing Phantom at 15mm- High/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.558 W/kg

Configuration/Front of EUT Facing Phantom at 15mm- High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.018 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.726 W/kg

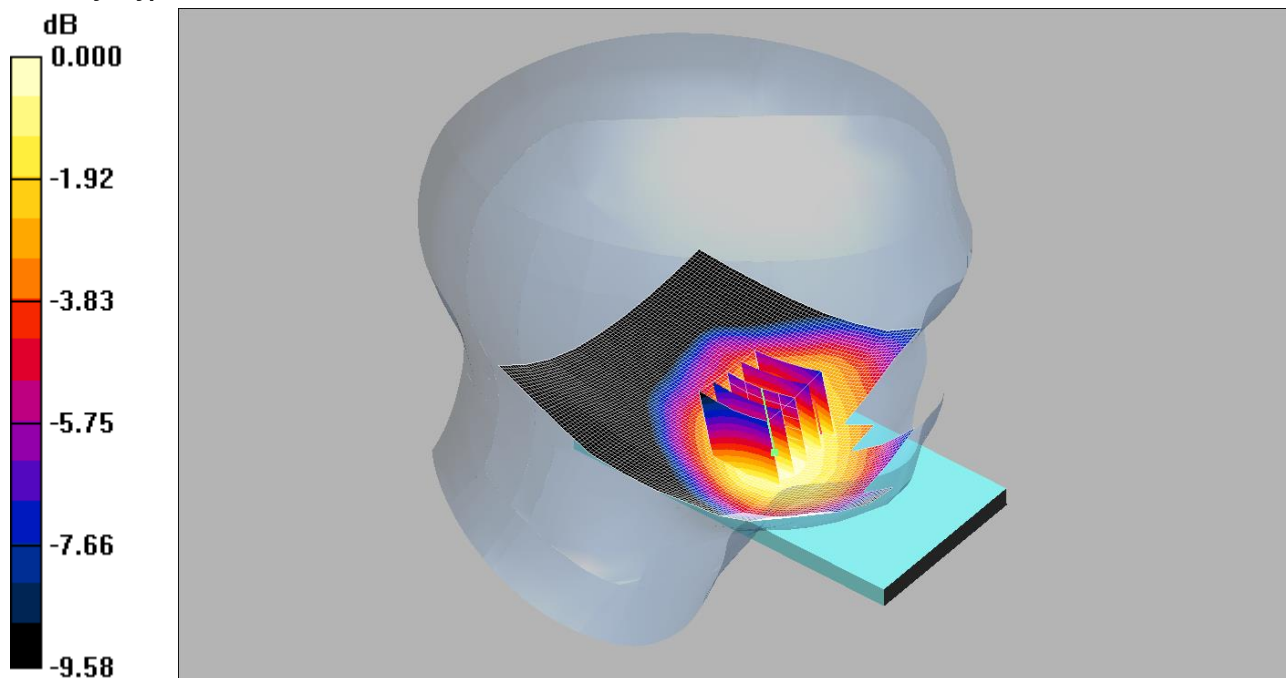
SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.530 W/kg

075: Touch Left of EUT Facing Phantom UMTS 5 CH 4183

Date: 23/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.340mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch Left/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.340 mW/g

Touch Left/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.75 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.397 W/kg

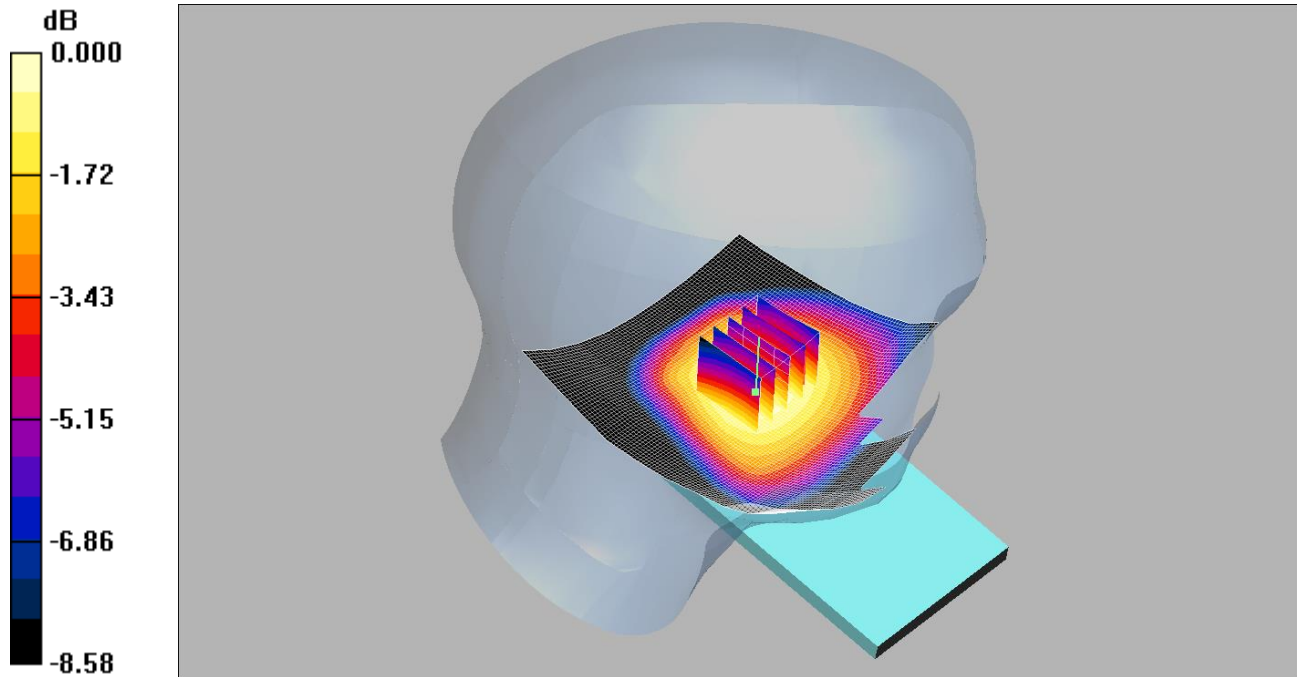
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.340 mW/g

076: Tilt Left of EUT Facing Phantom UMTS 5 CH 4183

Date: 23/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.192mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 186

Tilt Left-/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.196 mW/g

Tilt Left-/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.221 W/kg

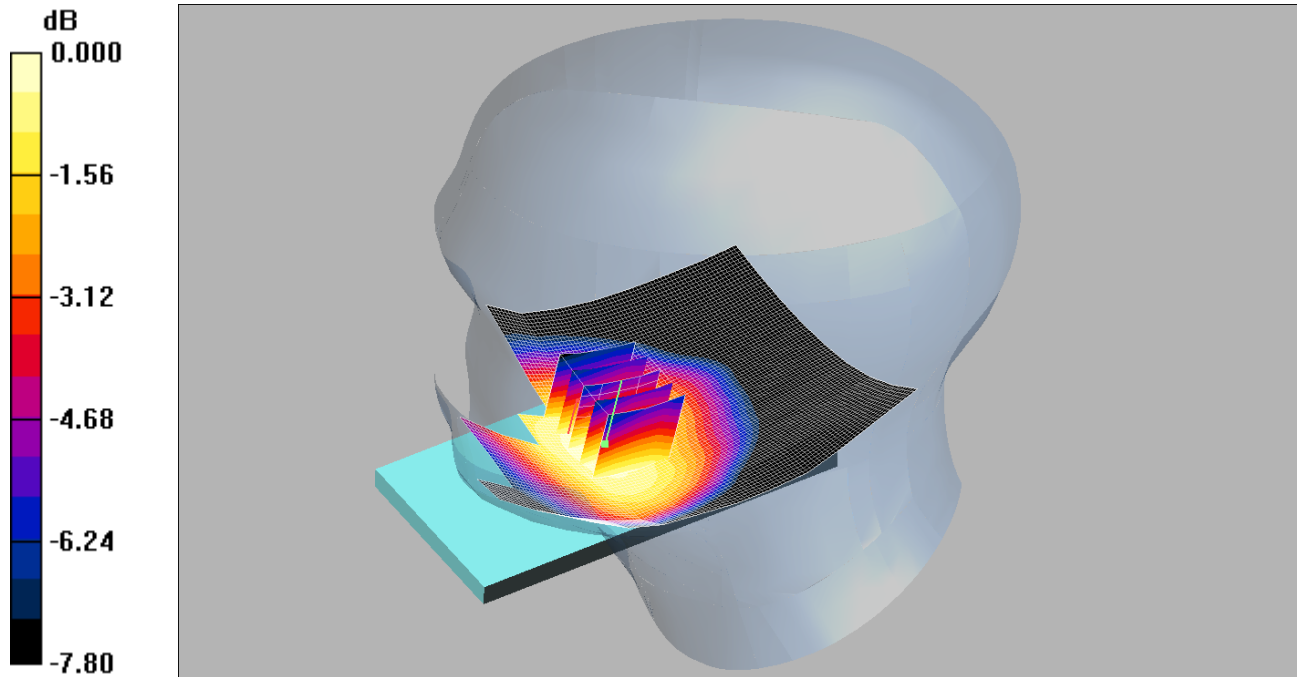
SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.192 mW/g

077: Touch Right of EUT Facing Phantom UMTS 5 CH 4183

Date: 24/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.340mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch Right-/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.335 mW/g

Touch Right-/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.54 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.392 W/kg

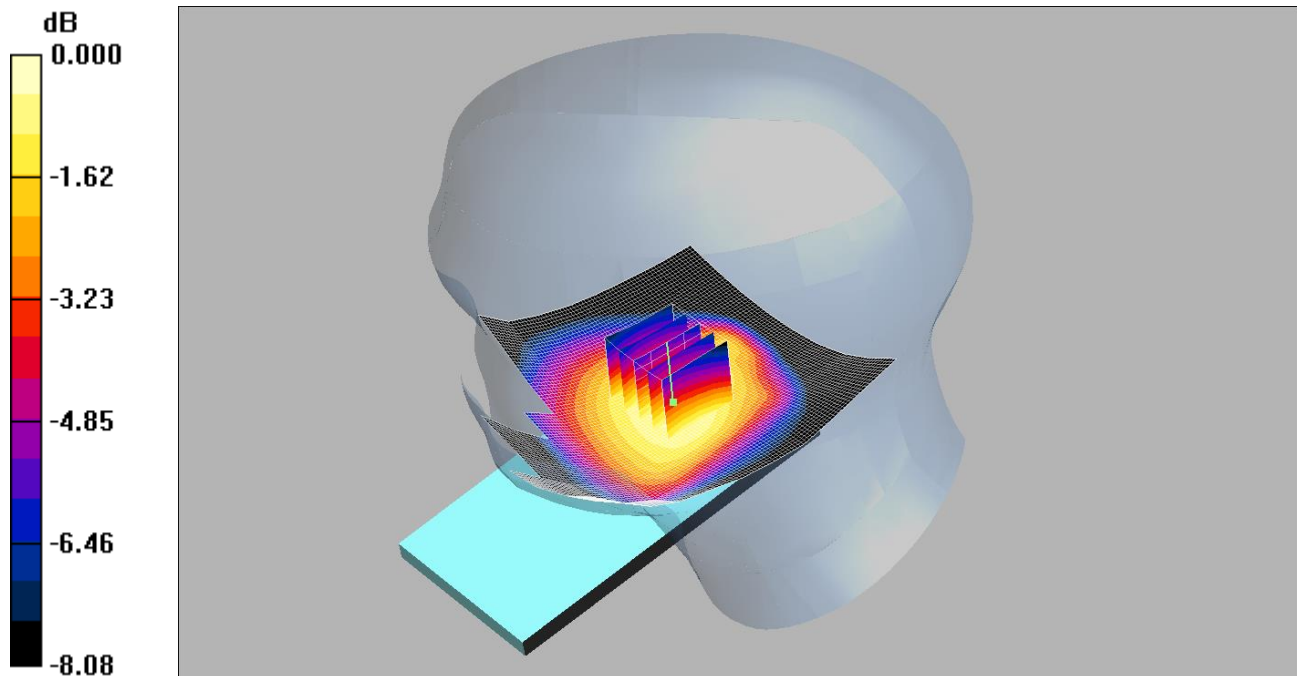
SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.340 mW/g

078: Tilt Right of EUT Facing Phantom UMTS 5 CH 4183

Date: 24/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.186mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 186

Tilt Right-/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.184 mW/g

Tilt Right-/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 0.219 W/kg

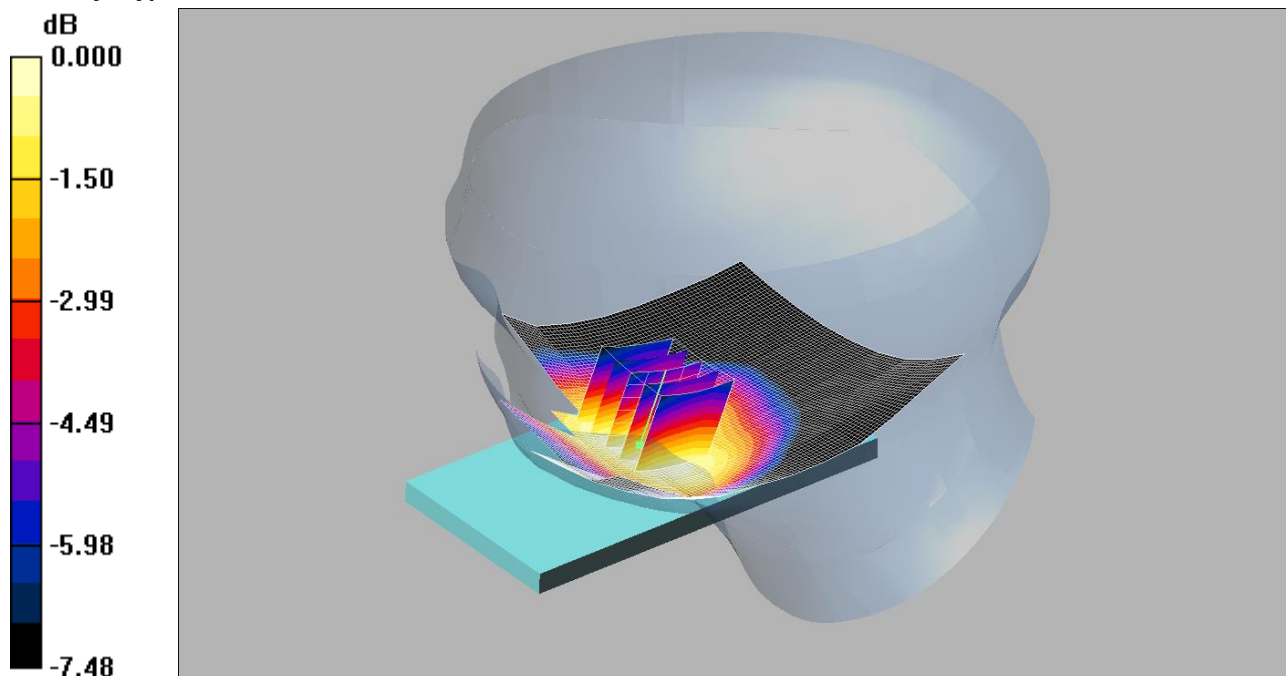
SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.186 mW/g

079: Touch Right of EUT Facing Phantom UMTS 5 CH 4132

Date: 24/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.302mW/g

Communication System: UMTS-FDD 5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch Right-/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.299 mW/g

Touch Right-/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.83 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.350 W/kg

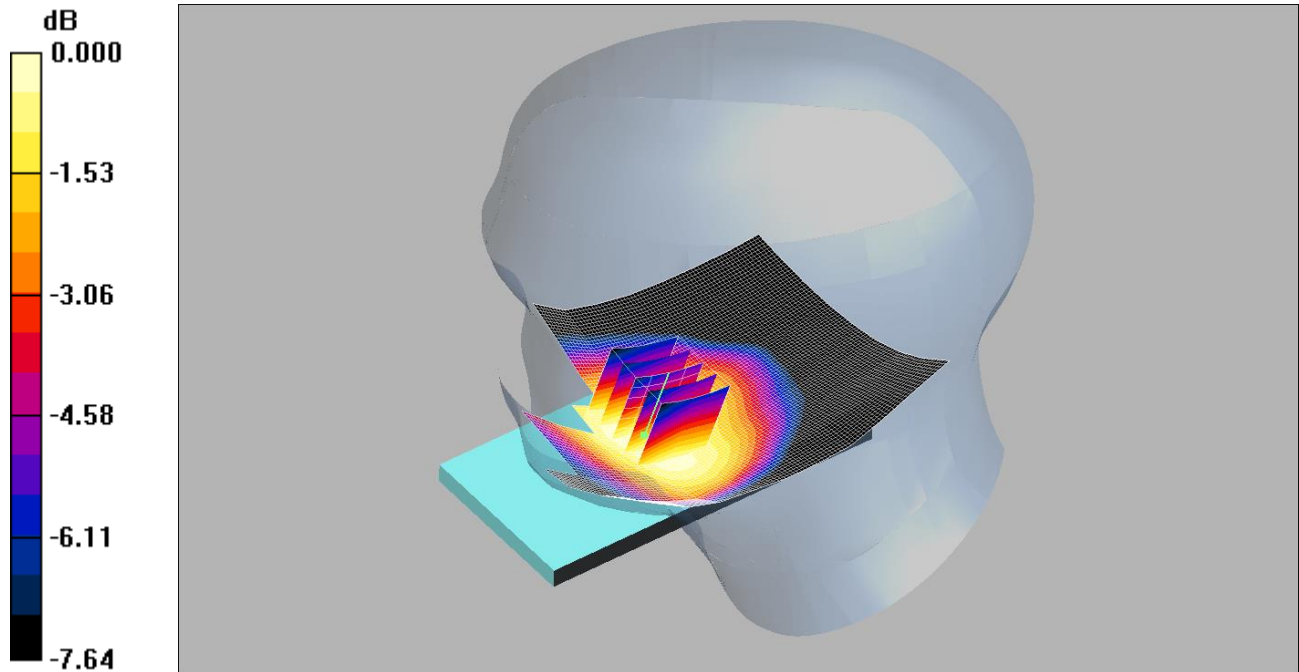
SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.302 mW/g

080: Touch Right of EUT Facing Phantom UMTS 5 CH 4233

Date: 24/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.314mW/g

Communication System: UMTS-FDD 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch Right-/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.325 mW/g

Touch Right-/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.03 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.366 W/kg

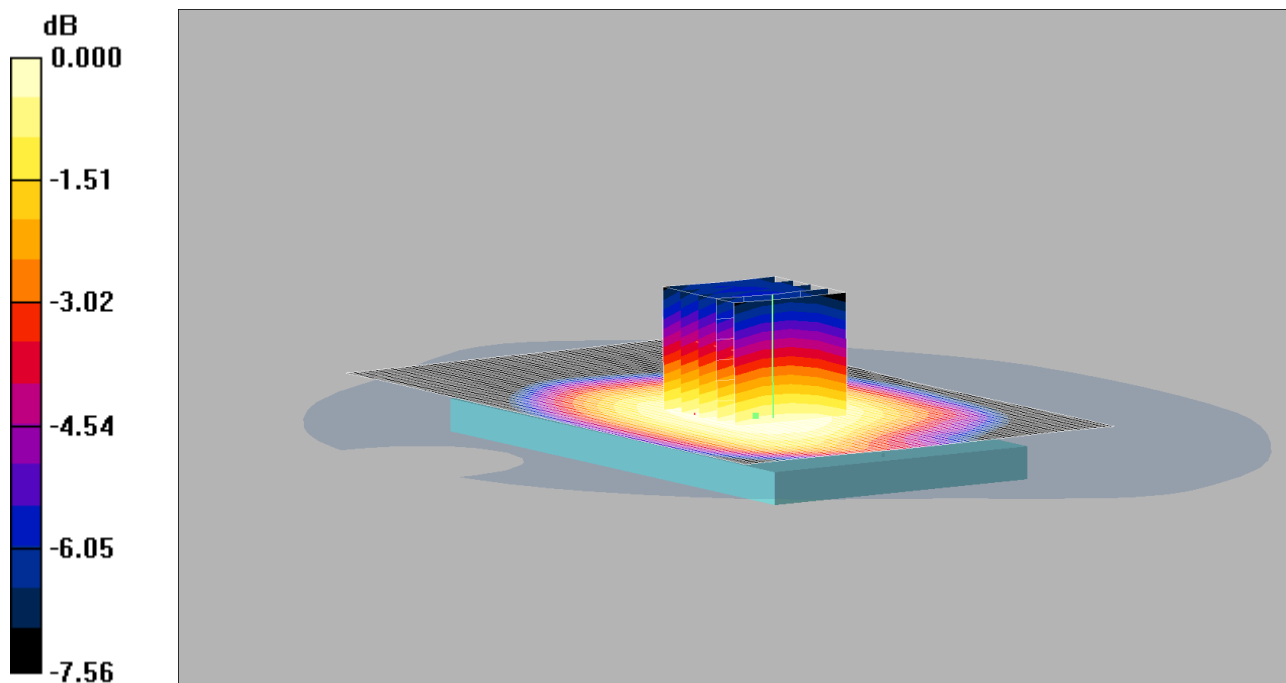
SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.314 mW/g

081: Front of EUT Facing Phantom UMTS 5 RMC 12.2kbps CH 4183

Date: 21/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.488mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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

Back -/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.481 mW/g

Back -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.7 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.561 W/kg

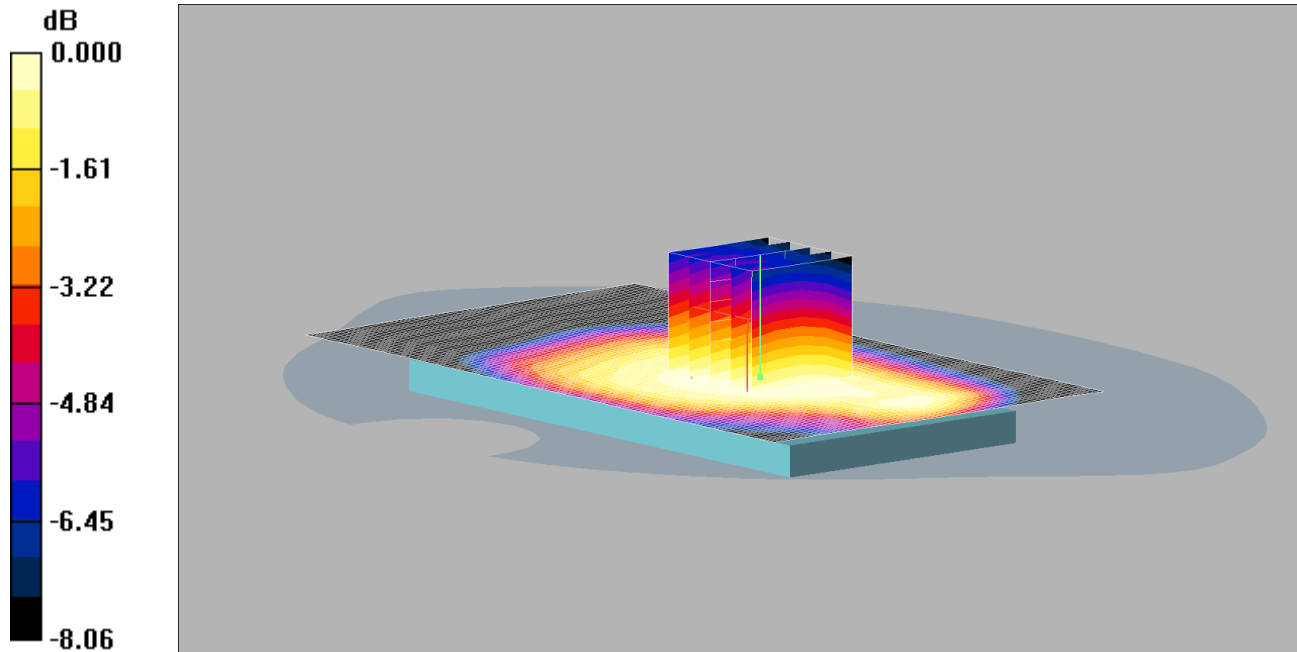
SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 0.488 mW/g

082: Back of EUT Facing Phantom UMTS 5 RMC 12.2kbps CH 4183

Date: 21/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.491mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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

Back -/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.490 mW/g

Back -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.0 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.572 W/kg

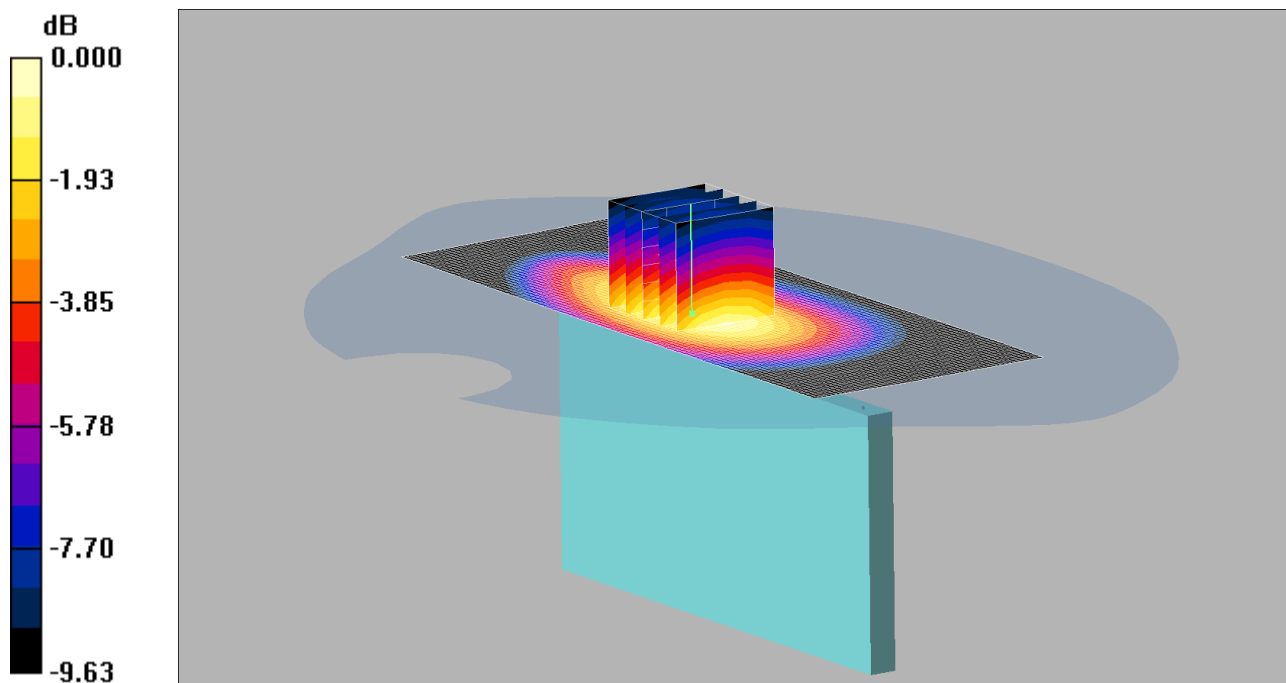
SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.368 mW/g

Maximum value of SAR (measured) = 0.491 mW/g

083: Left of EUT Facing Phantom UMTS 5 RMC 12.2kbps CH 4183

Date: 21/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.409mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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

Left -/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.403 mW/g

Left -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.7 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.529 W/kg

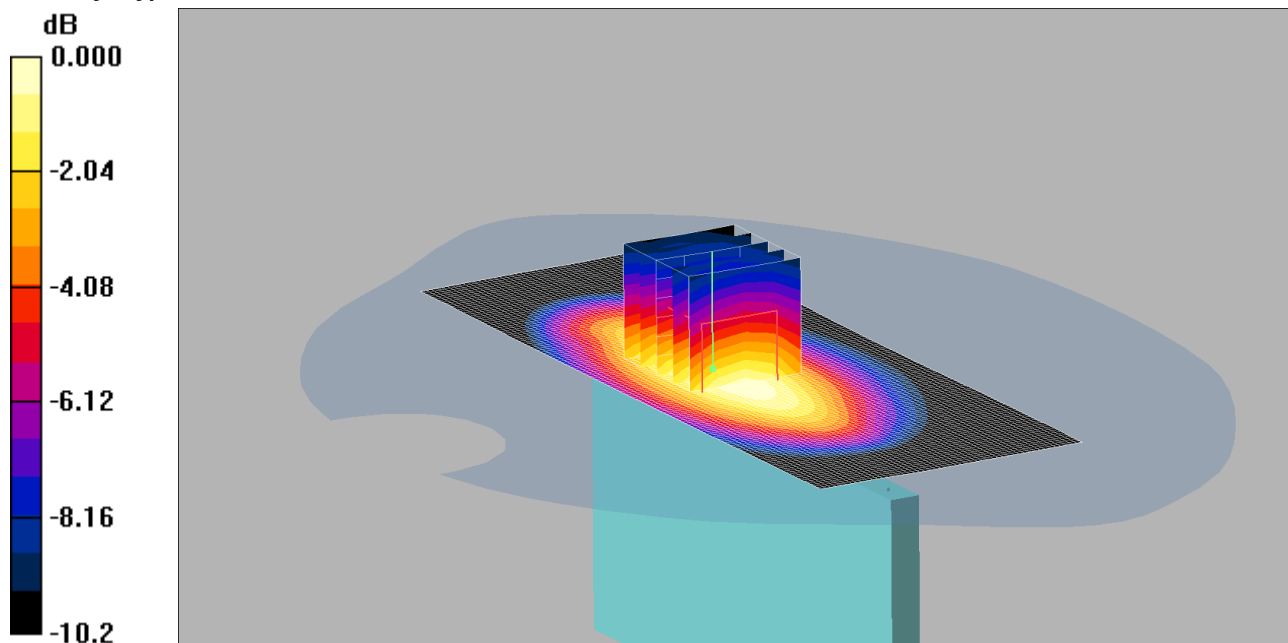
SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.409 mW/g

084: Right of EUT Facing Phantom UMTS 5 CH 4183

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.560mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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

Left -/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.623 mW/g

Left -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.0 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.740 W/kg

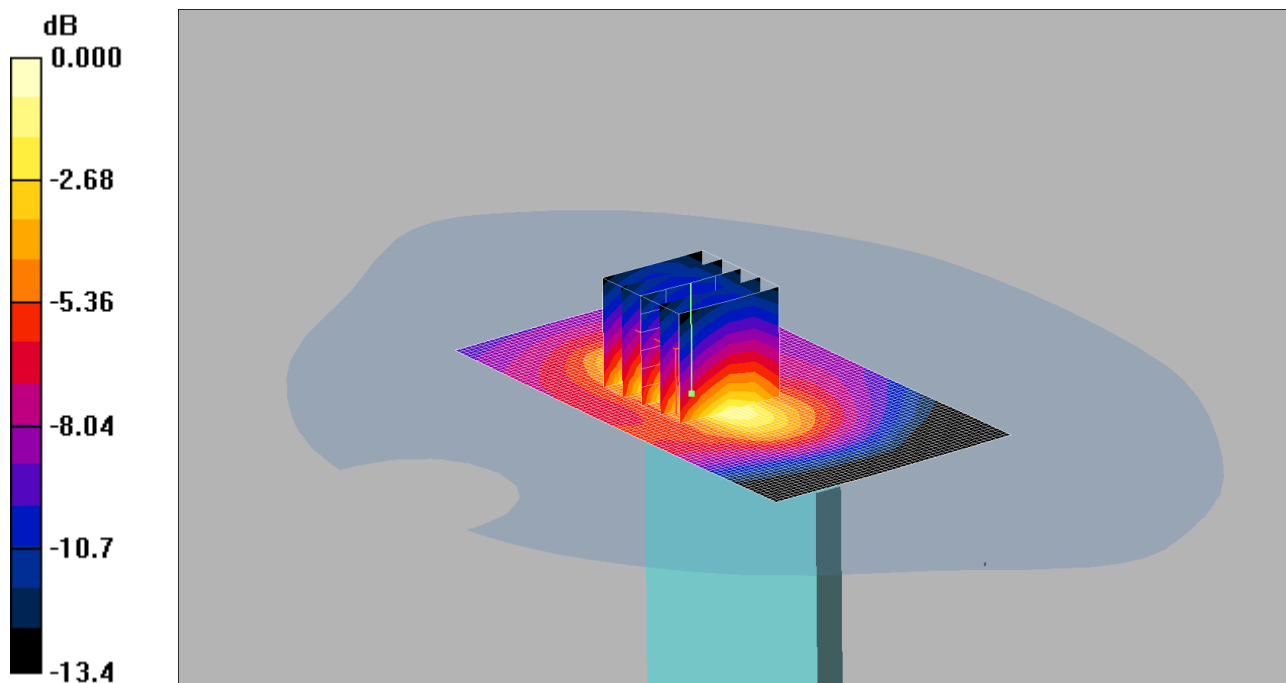
SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.560 mW/g

085: Bottom of EUT Facing Phantom UMTS 5 CH 4183

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.113mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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

Bottom -/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.112 mW/g

Bottom -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.65 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.191 W/kg

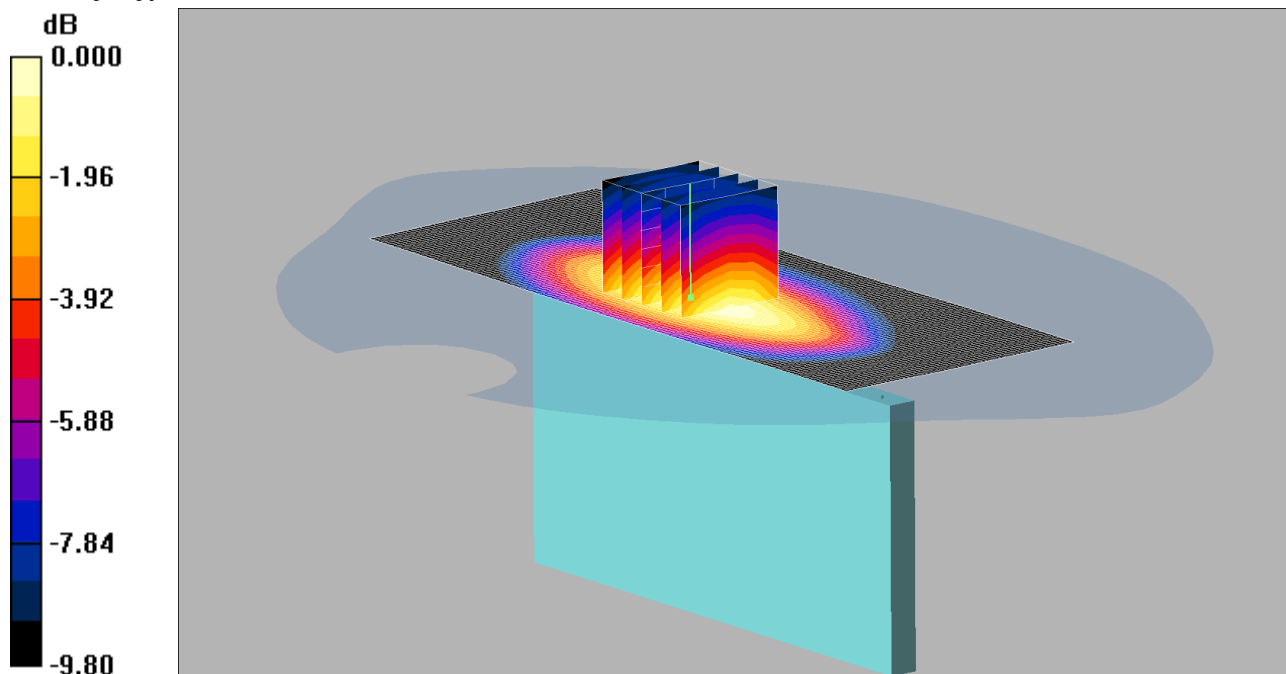
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.113 mW/g

086: Right of EUT Facing Phantom UMTS 5 CH 4132

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.571mW/g

Communication System: UMTS-FDD 5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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

Left -/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.574 mW/g

Left -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.7 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.746 W/kg

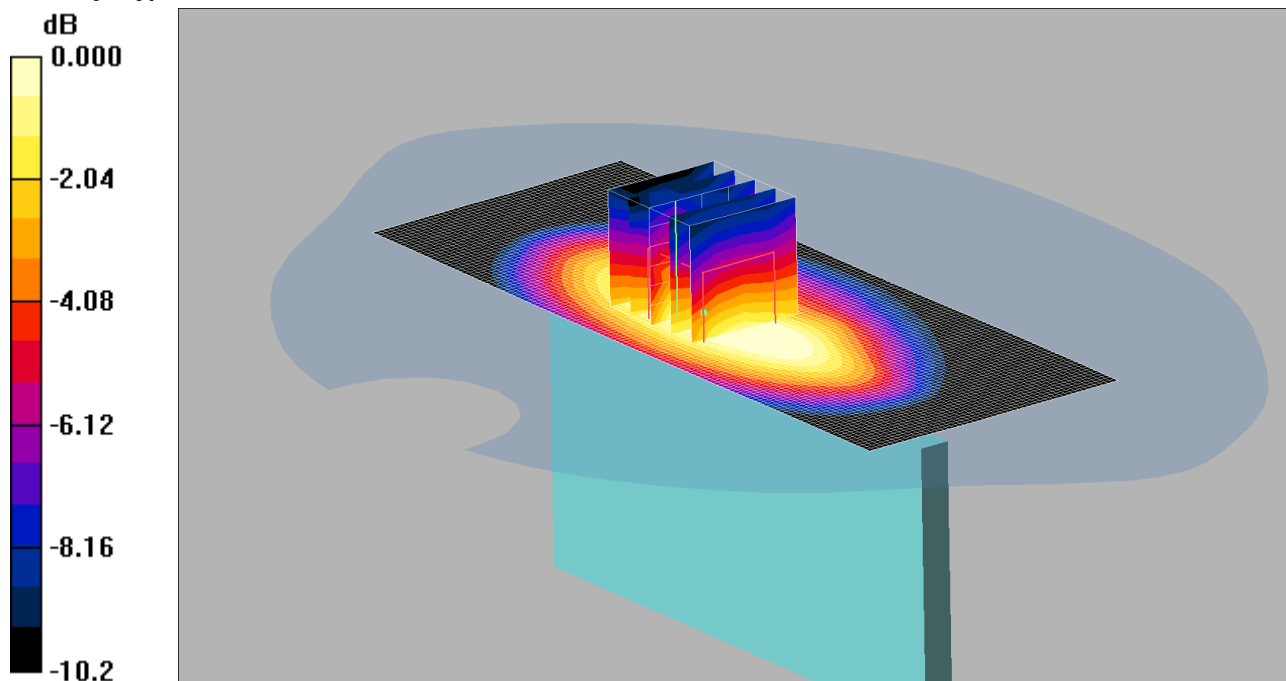
SAR(1 g) = 0.531 mW/g; SAR(10 g) = 0.360 mW/g

Maximum value of SAR (measured) = 0.571 mW/g

087: Right of EUT Facing Phantom UMTS 5 CH 4233

Date: 22/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.477mW/g

Communication System: UMTS-FDD 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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

Left -/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.597 mW/g

Left -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.575 W/kg

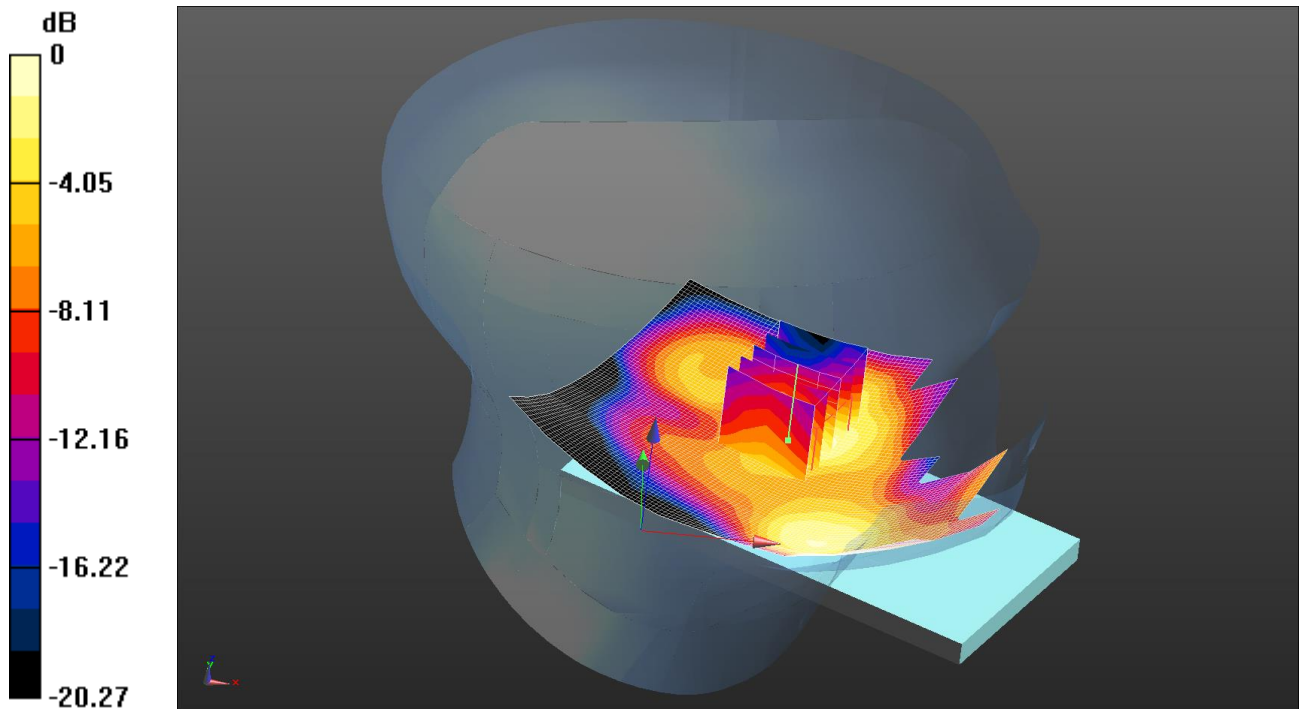
SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.268 mW/g

Maximum value of SAR (measured) = 0.477 mW/g

088: Touch Left LTE Band 2 20MHz 1RB High CH 18900

Date: 30/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.181 W/kg = -7.42 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.794$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Left - Middle/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.166 W/kg

Configuration/Touch Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.05 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.304 W/kg

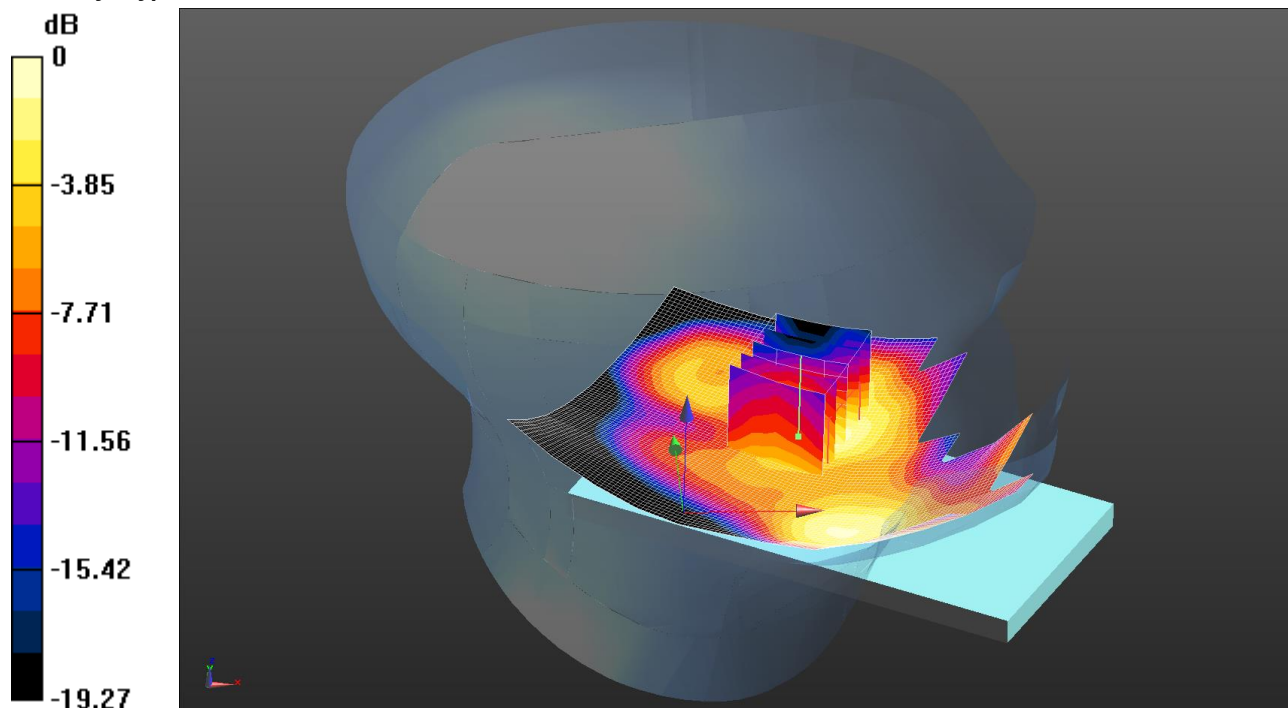
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.181 W/kg

089: Touch Left LTE Band 2 20MHz 50% RB Middle CH 18900

Date: 30/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.140 W/kg = -8.54 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.794$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Left - Middle/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.133 W/kg

Configuration/Touch Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.819 V/m; Power Drift = 0.22 dB

Peak SAR (extrapolated) = 0.235 W/kg

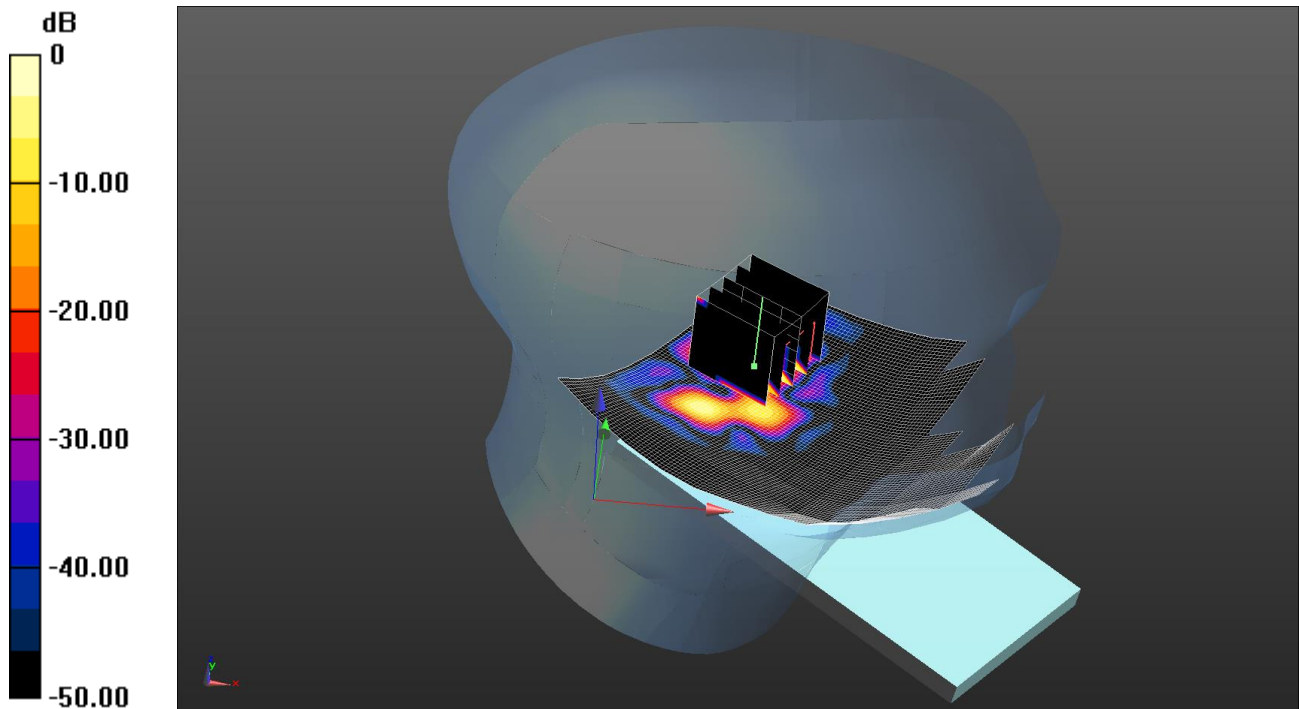
SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.140 W/kg

090: Tilt Left LTE Band 2 20MHz 1 RB High CH 18900

Date: 30/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.00437 W/kg = -23.60 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.794$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Tilt Left - Middle 2/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00456 W/kg

Configuration/Tilt Left - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.498 V/m; Power Drift = 1.65 dB

Peak SAR (extrapolated) = 0.00688 W/kg

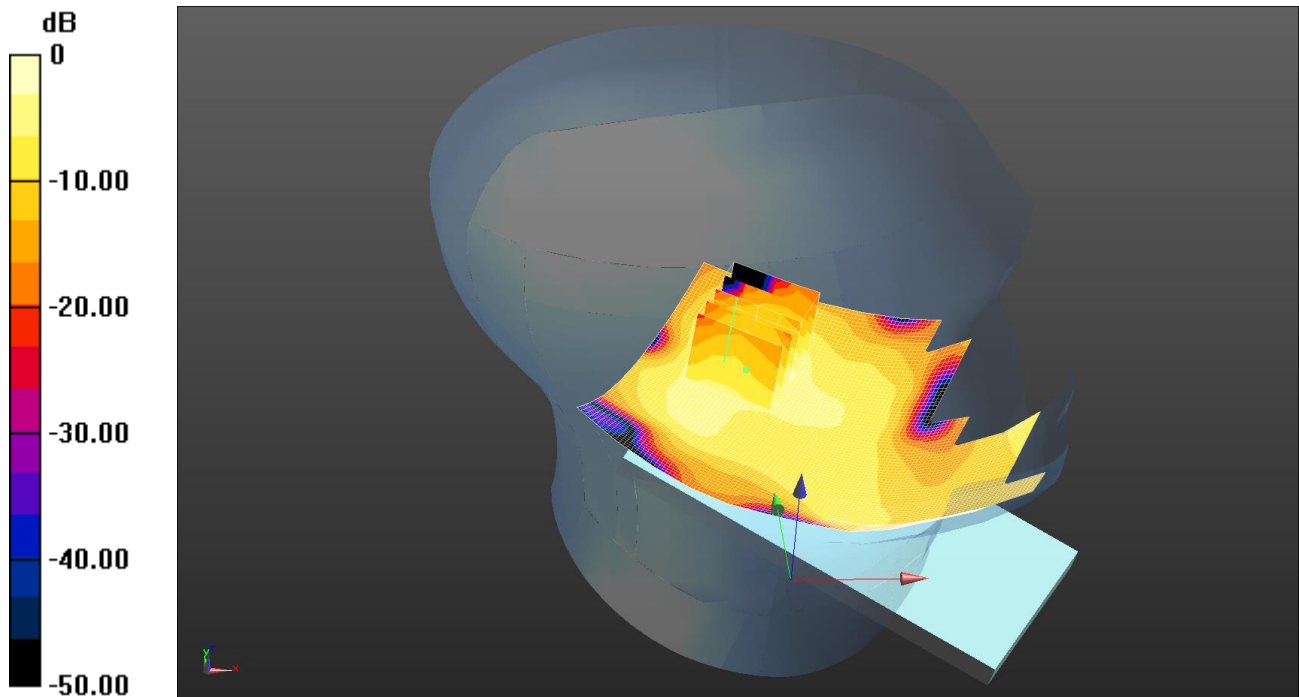
SAR(1 g) = 0.00325 W/kg; SAR(10 g) = 0.000699 W/kg

Maximum value of SAR (measured) = 0.00437 W/kg

091: Tilt Left LTE Band 2 20MHz 50% RB Middle CH 18900

Date: 30/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.0849 W/kg = -10.71 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.794$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Tilt Left - Middle/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0689 W/kg

Configuration/Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.481 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.124 W/kg

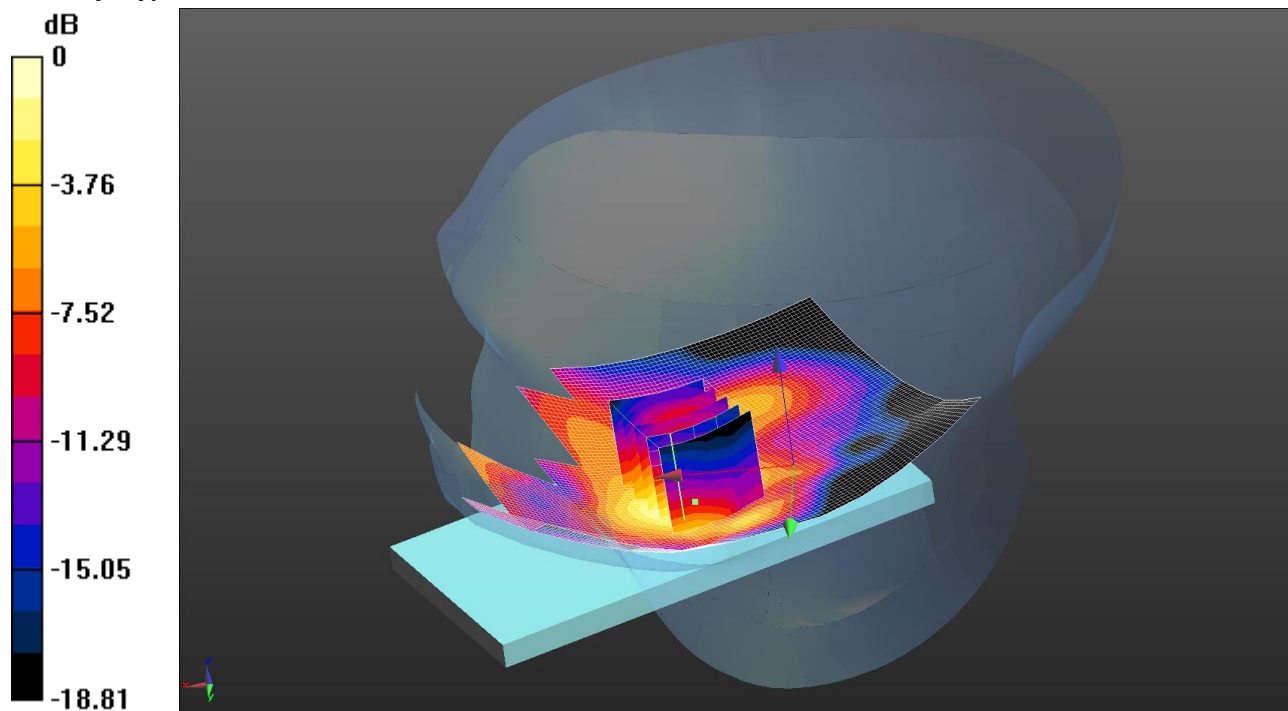
SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.0849 W/kg

092: Touch Right LTE Band 2 20MHz 1RB High CH 18900

Date: 30/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.228 W/kg = -6.42 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.794$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Middle/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.225 W/kg

Configuration/Touch Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.232 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.421 W/kg

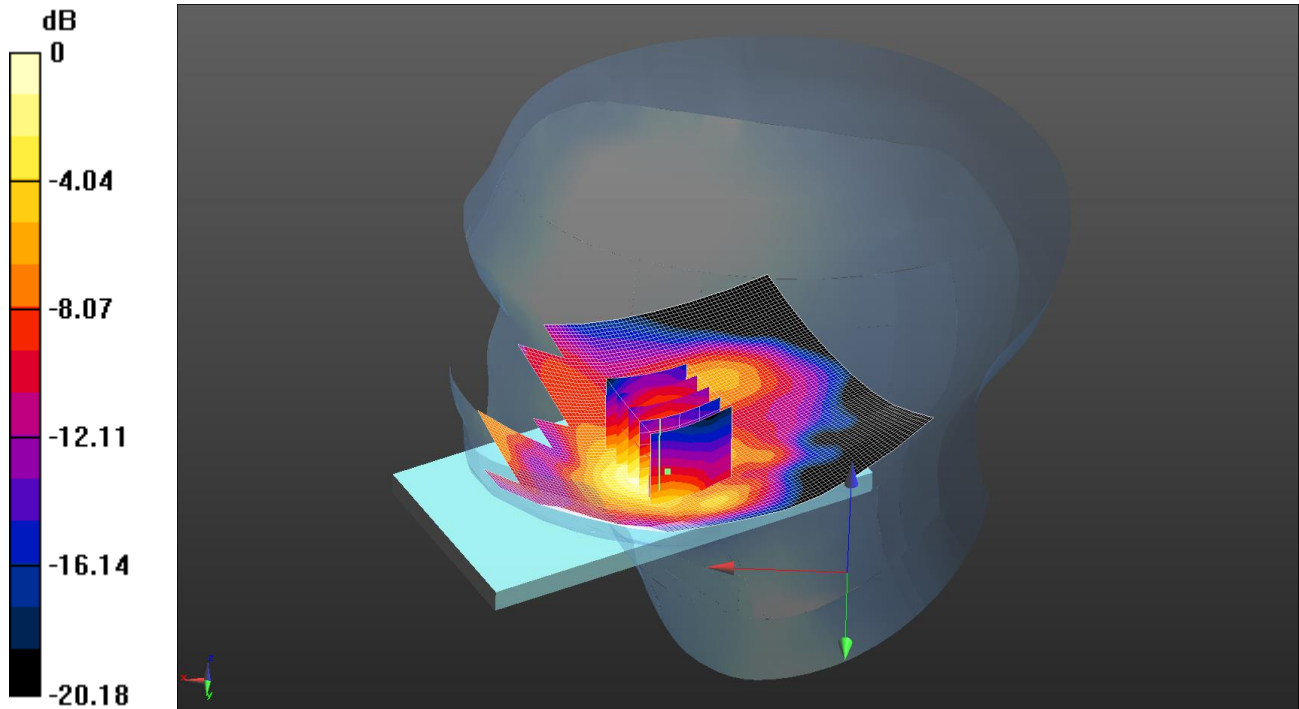
SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.120 W/kg

Maximum value of SAR (measured) = 0.228 W/kg

093: Touch Right LTE Band 2 20MHz 50%RB Middle CH 18900

Date: 30/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.181 W/kg = -7.42 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.794$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Middle/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.192 W/kg

Configuration/Touch Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.35 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.316 W/kg

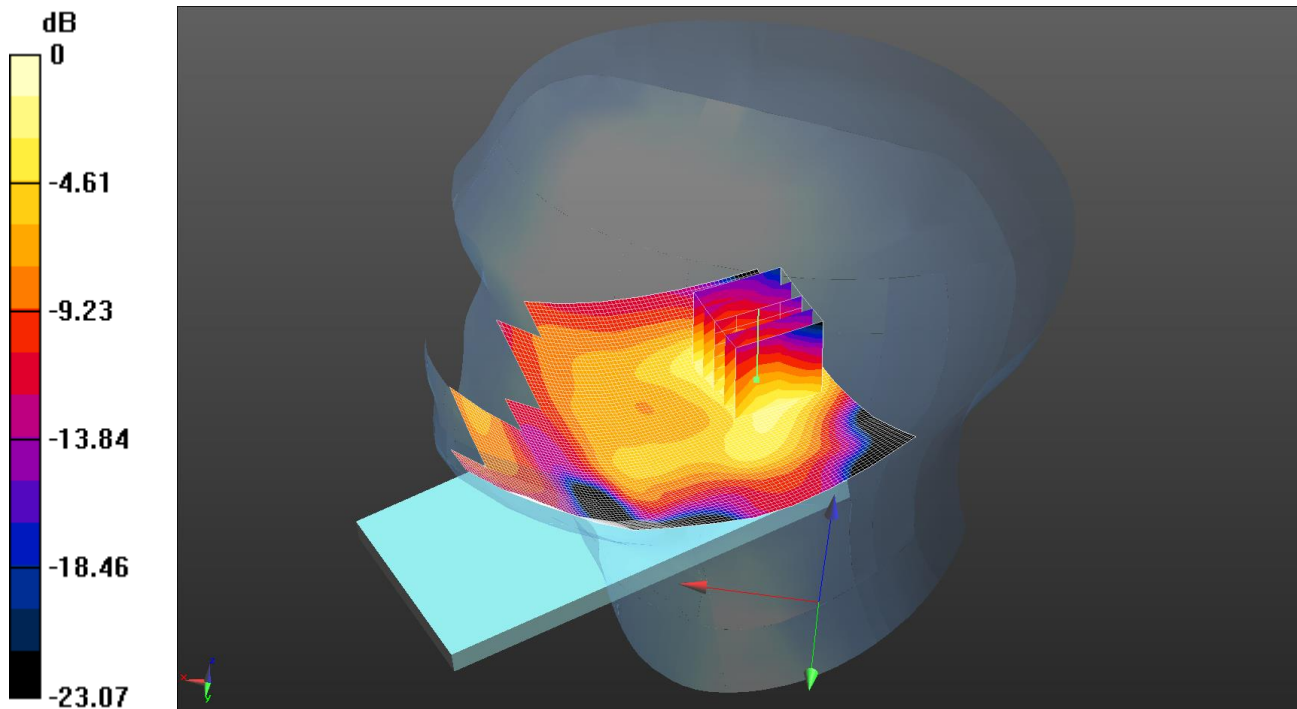
SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.181 W/kg

094: Tilt Right LTE Band 2 20MHz 1RB High CH 18900

Date: 30/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.0628 W/kg = -12.02 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.794$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Tilt Right - Middle/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0541 W/kg

Configuration/Tilt Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.211 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0920 W/kg

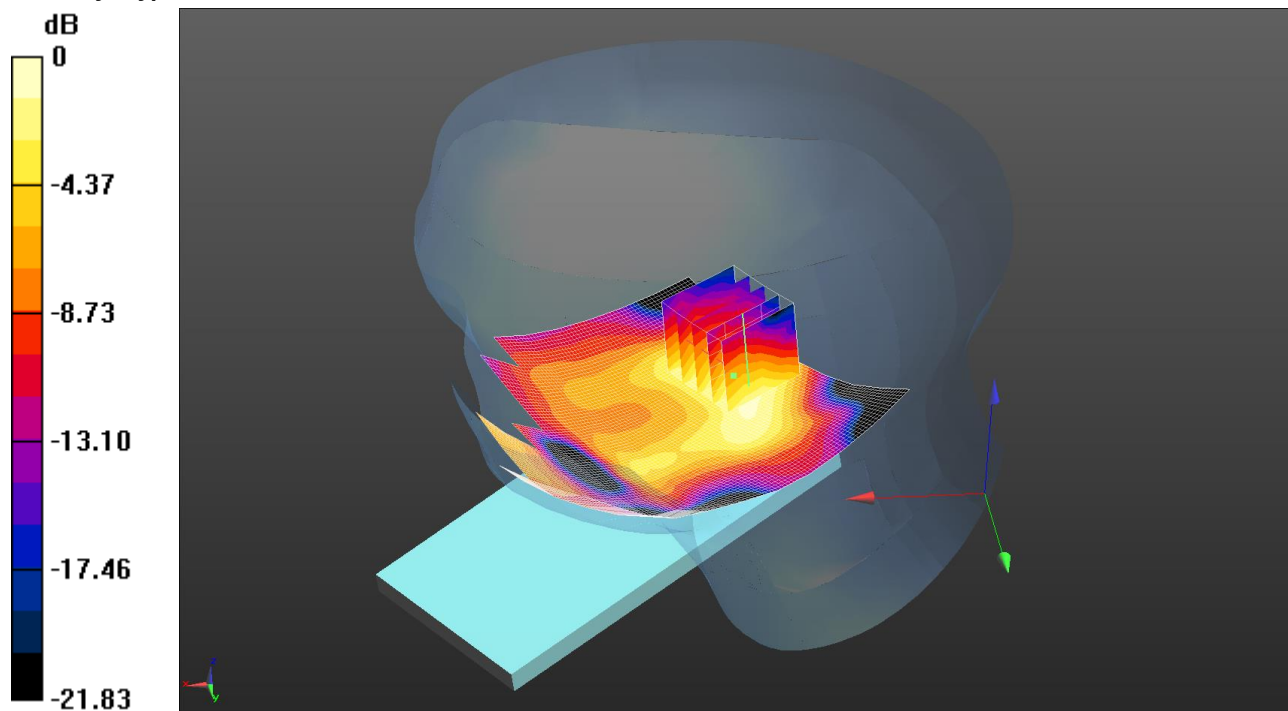
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0628 W/kg

095: Tilt Right LTE Band 2 20MHz 50%RB Middle CH 18900

Date: 30/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.0387 W/kg = -14.12 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.794$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Tilt Right - Middle/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0406 W/kg

Configuration/Tilt Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.149 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0640 W/kg

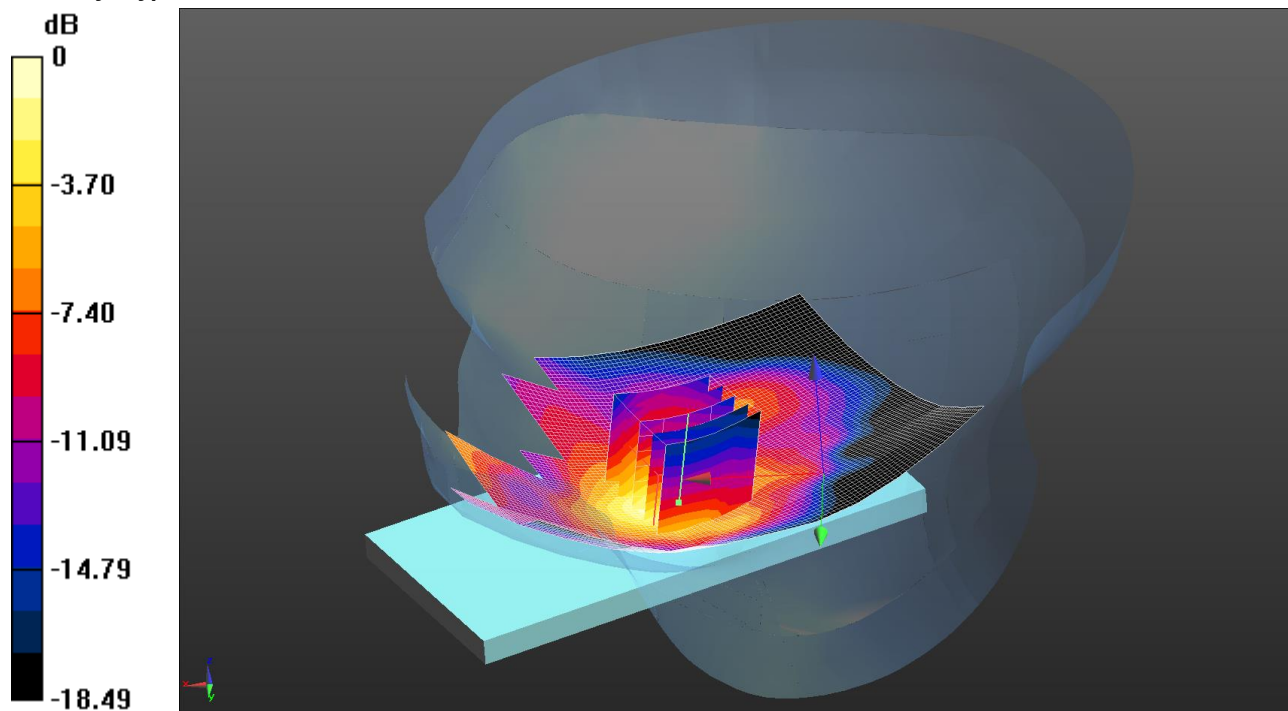
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0387 W/kg

096: Touch Right LTE Band 2 20MHz 1RB High CH 18700

Date: 31/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.226 W/kg = -6.46 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1860$ MHz; $\sigma = 1.362$ S/m; $\epsilon_r = 39.875$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - Low/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.235 W/kg

Configuration/Touch Right - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.209 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.387 W/kg

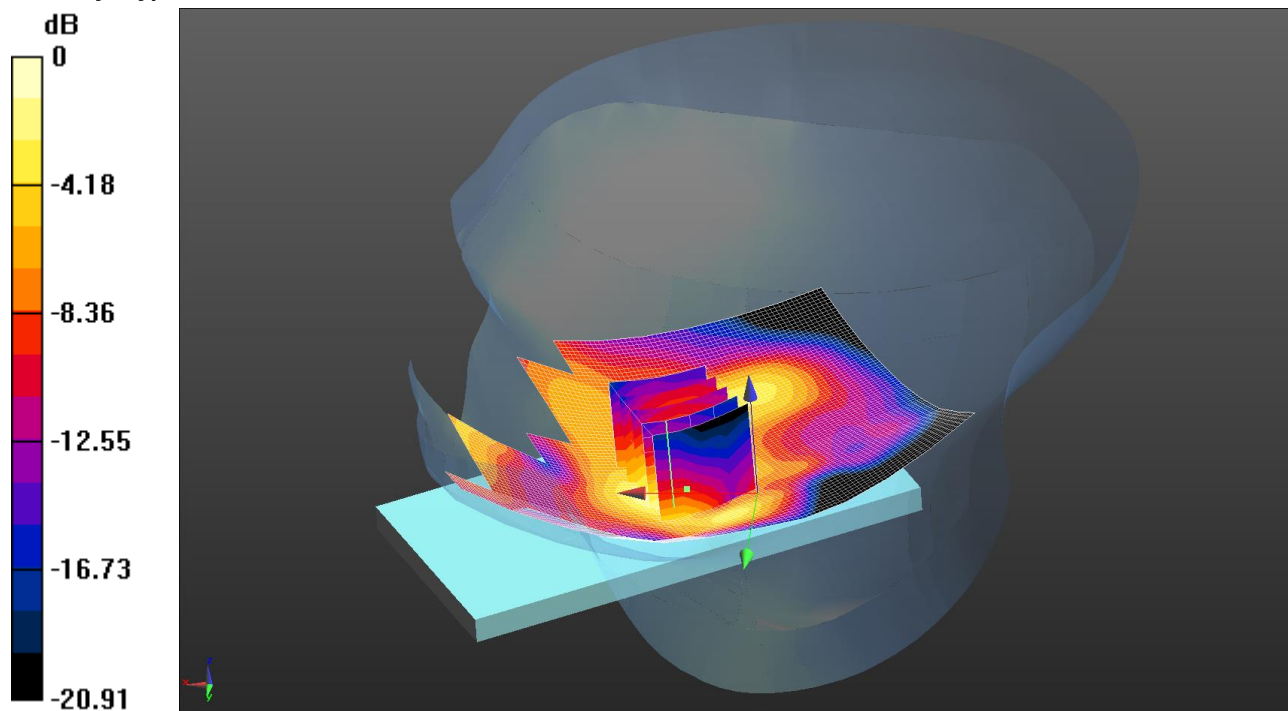
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.226 W/kg

097: Touch Right LTE Band 2 20MHz 1RB High CH 19100

Date: 31/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.187 W/kg = -7.28 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 39.712$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right - High/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.190 W/kg

Configuration/Touch Right - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.61 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.344 W/kg

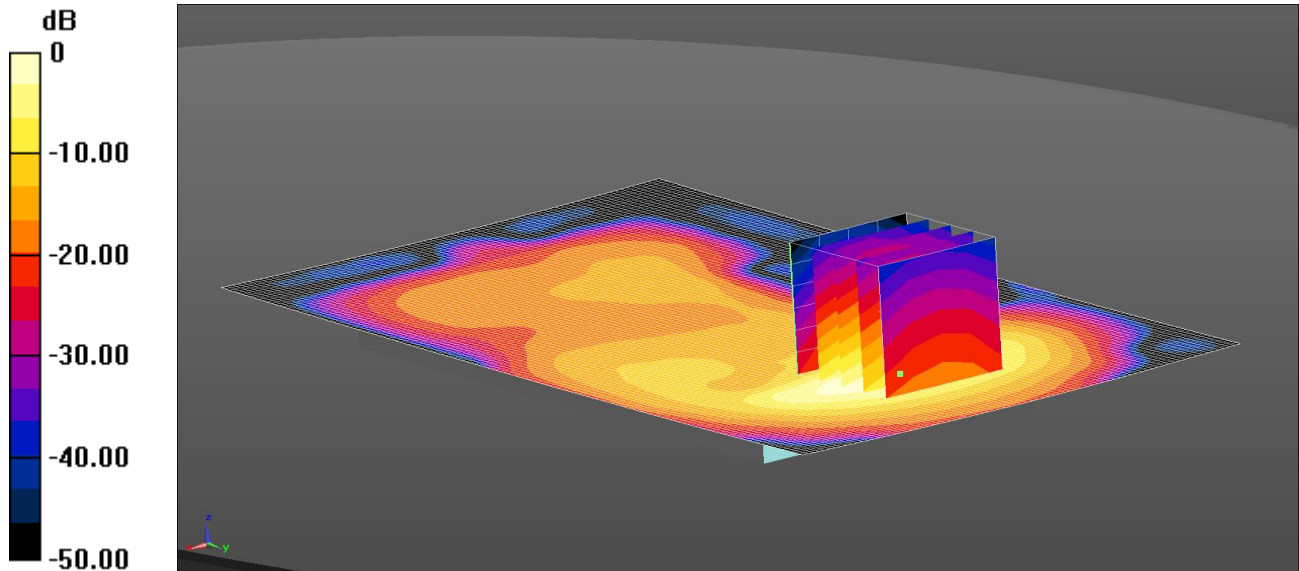
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.187 W/kg

098: Front of EUT Facing Phantom LTE 2 1RB High CH18900

Date: 23/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.502 W/kg = -3.00 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 51.057$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front - Middle/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.502 W/kg

Configuration/Front - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.299 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.746 W/kg

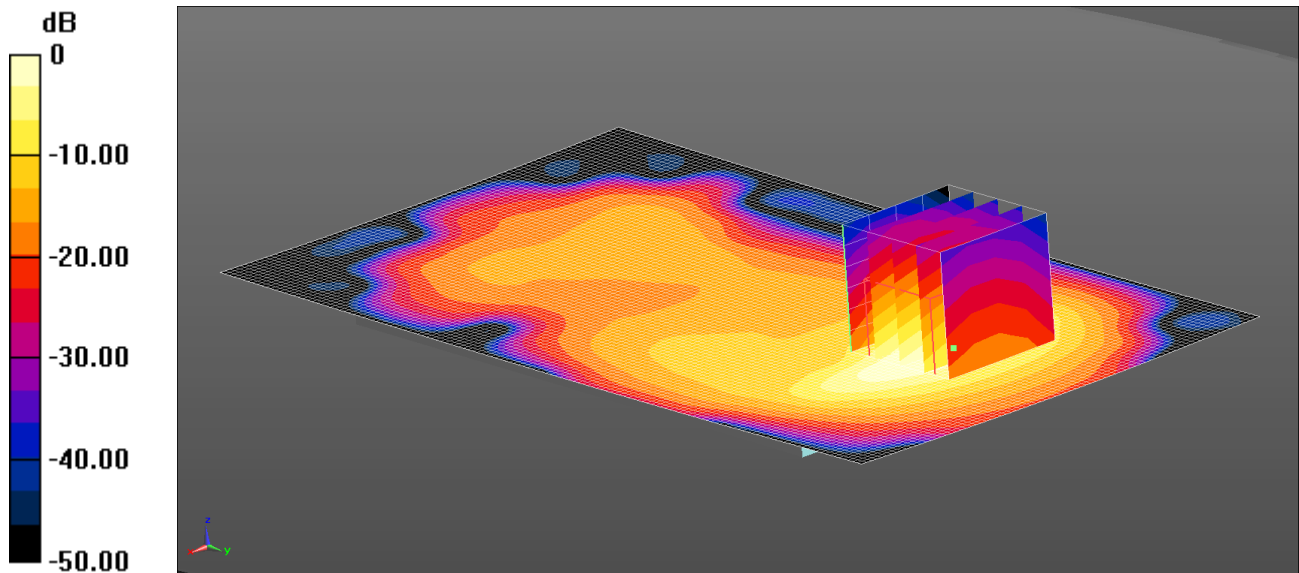
SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.463 W/kg

099: Front of EUT Facing Phantom LTE 2 50%RB Mid CH18900

Date: 23/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



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

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 51.057$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front - Middle/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Configuration/Front - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.036 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.731 W/kg

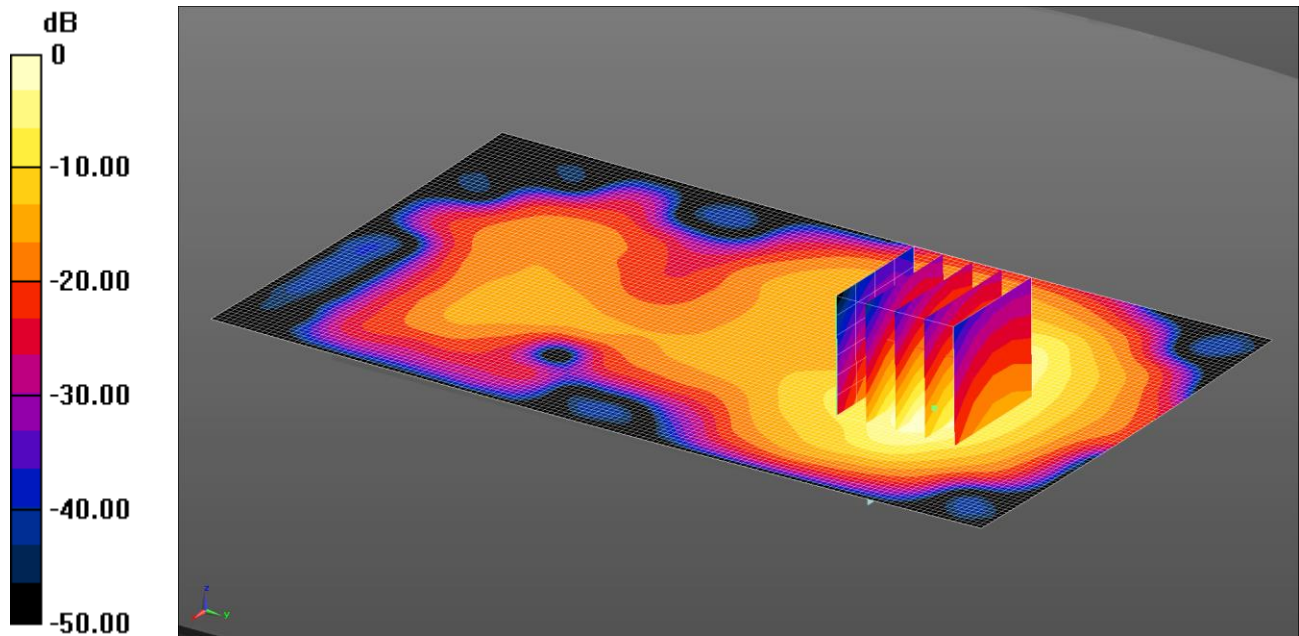
SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 0.443 W/kg

100: Back of EUT Facing Phantom LTE 2 1RB High CH18900

Date: 23/12/14

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.464 W/kg = -3.34 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 51.057$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/05/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back - Middle/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.464 W/kg

Configuration/Back - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.690 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.746 W/kg

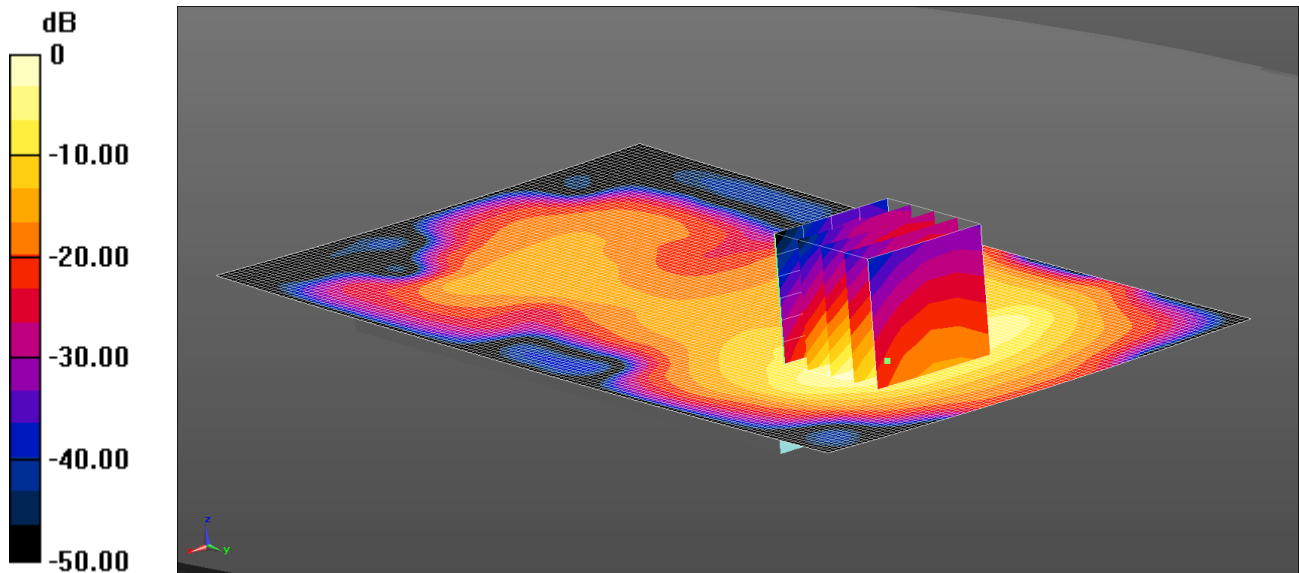
SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.471 W/kg

101: Back of EUT Facing Phantom LTE 2 50%RB Mid CH18900

Date: 23/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.430 W/kg = -3.66 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 51.057$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back - Middle 2/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.430 W/kg

Configuration/Back - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.222 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.710 W/kg

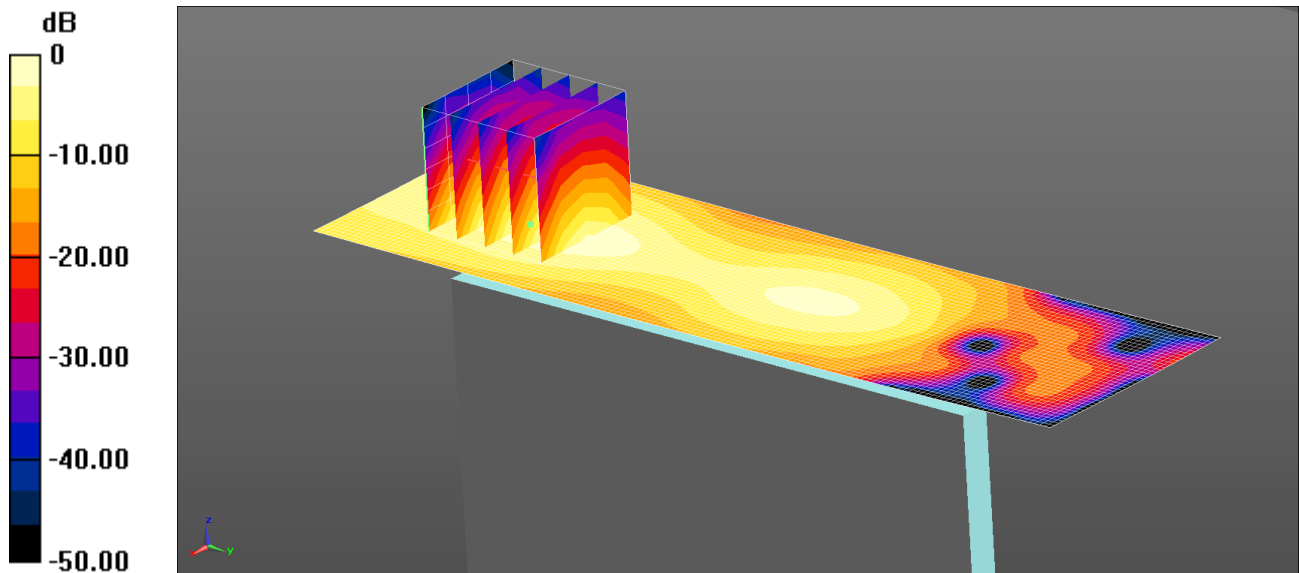
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.206 W/kg

Maximum value of SAR (measured) = 0.440 W/kg

102: Left of EUT Facing Phantom LTE 2 1RB High CH18900

Date: 23/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.0779 W/kg = -11.08 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 51.057$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Left - Middle/Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0779 W/kg

Configuration/Left - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.861 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.112 W/kg

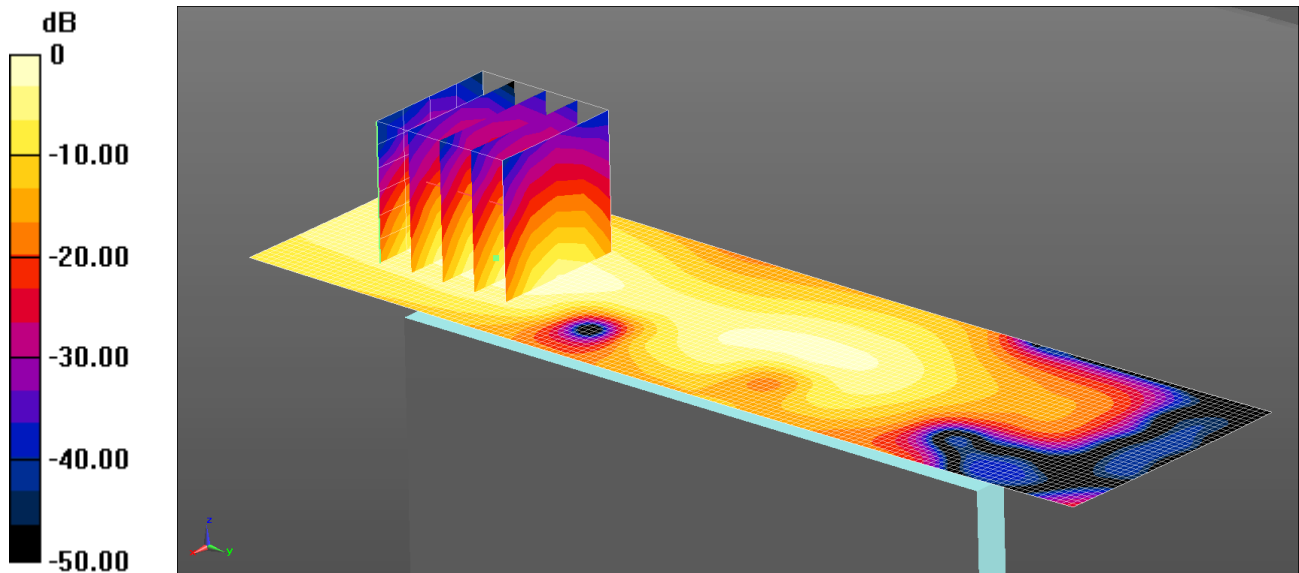
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.0768 W/kg

103: Left of EUT Facing Phantom LTE 2 50%RB Mid CH18900

Date: 23/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.0722 W/kg = -11.41 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 51.057$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Left - Middle/Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0722 W/kg

Configuration/Left - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.949 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.104 W/kg

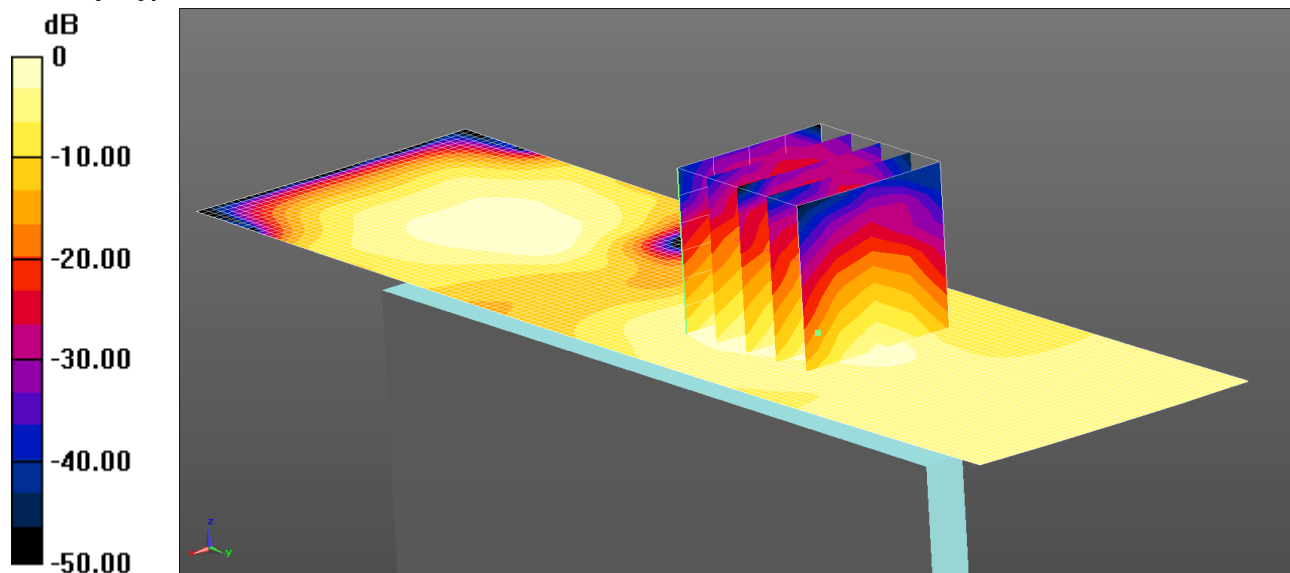
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0709 W/kg

104: Right of EUT Facing Phantom LTE 2 1RB High CH18900

Date: 23/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.0256 W/kg = -15.93 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 51.057$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;

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

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

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

- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Right - Middle/Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0256 W/kg

Configuration/Right - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.329 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0360 W/kg

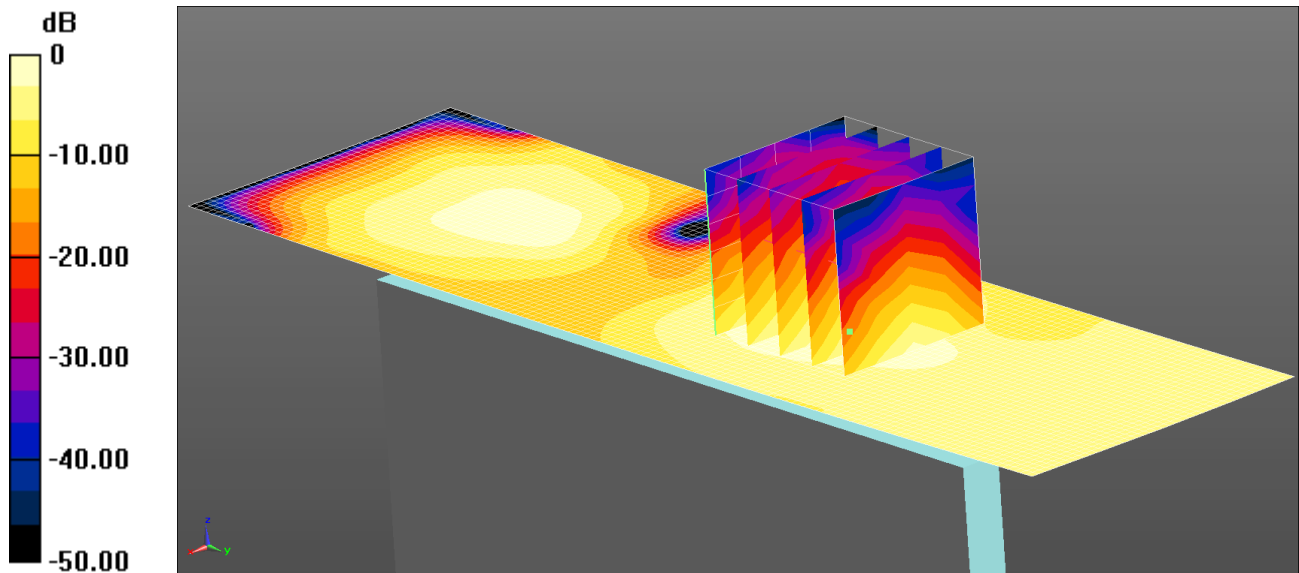
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0251 W/kg

105: Right of EUT Facing Phantom LTE 2 50%RB Middle CH18900

Date: 23/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.0246 W/kg = -16.09 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 51.057$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Right - Middle/Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0246 W/kg

Configuration/Right - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.929 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0350 W/kg

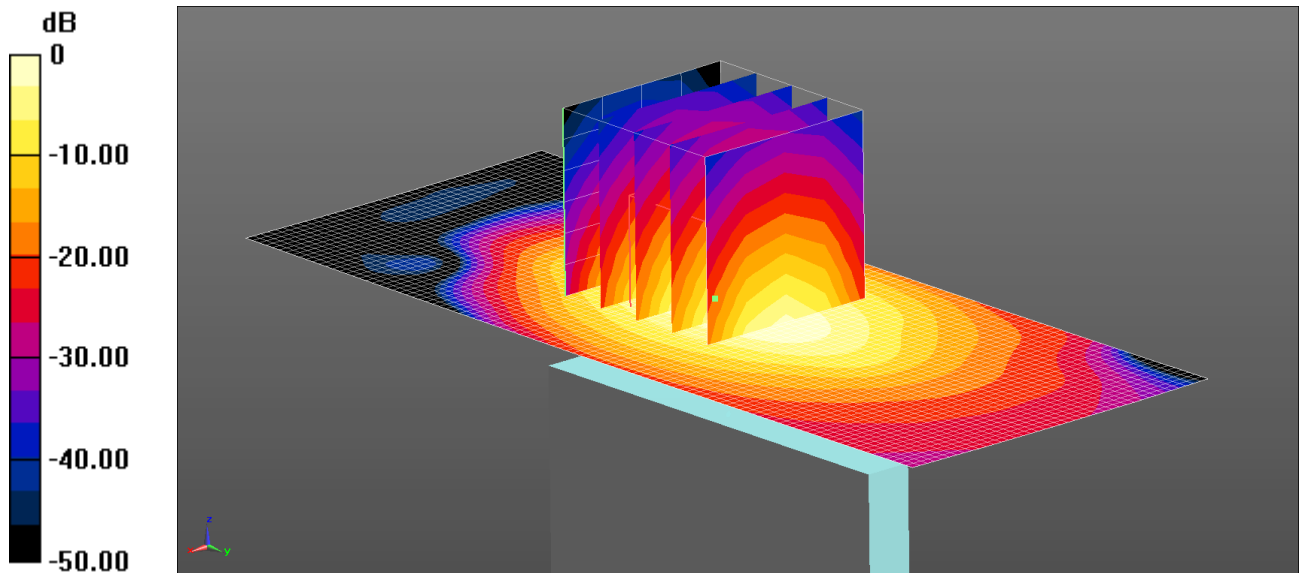
SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0241 W/kg

106: Bottom of EUT Facing Phantom LTE 2 1RB High CH18900

Date: 23/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.769 W/kg = -1.14 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 51.057$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Bottom - Middle/Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.769 W/kg

Configuration/Bottom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.935 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.14 W/kg

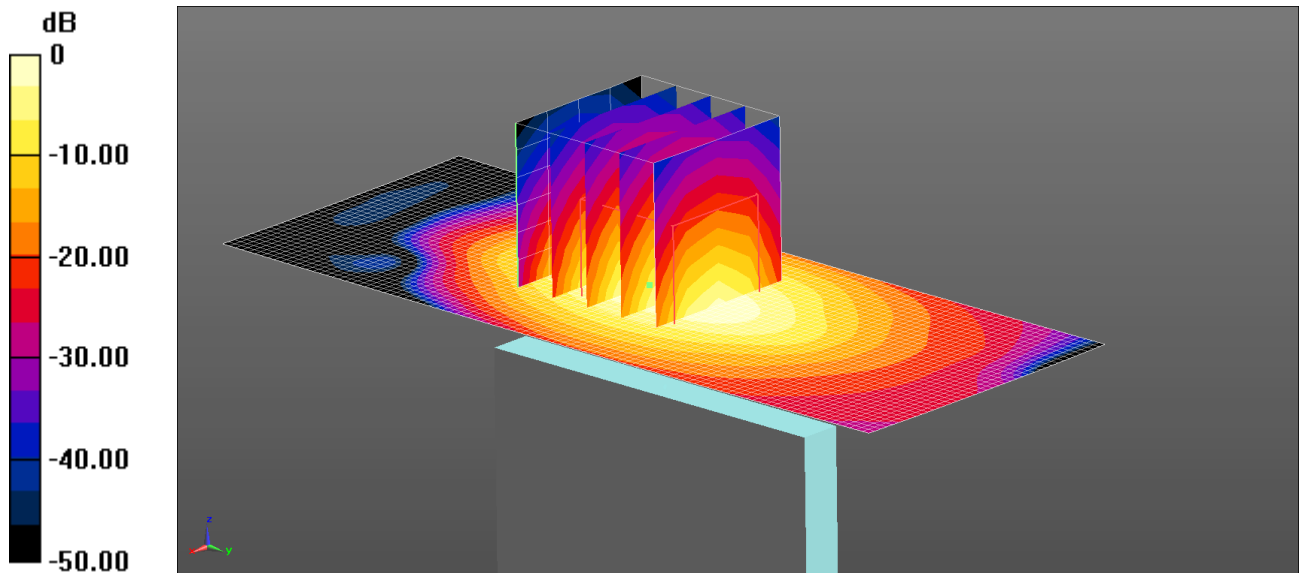
SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.344 W/kg

Maximum value of SAR (measured) = 0.721 W/kg

107: Bottom of EUT Facing Phantom LTE 2 50%RB Middle CH18900

Date: 23/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.731 W/kg = -1.36 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 51.057$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Bottom - Middle/Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.731 W/kg

Configuration/Bottom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.41 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.905 W/kg

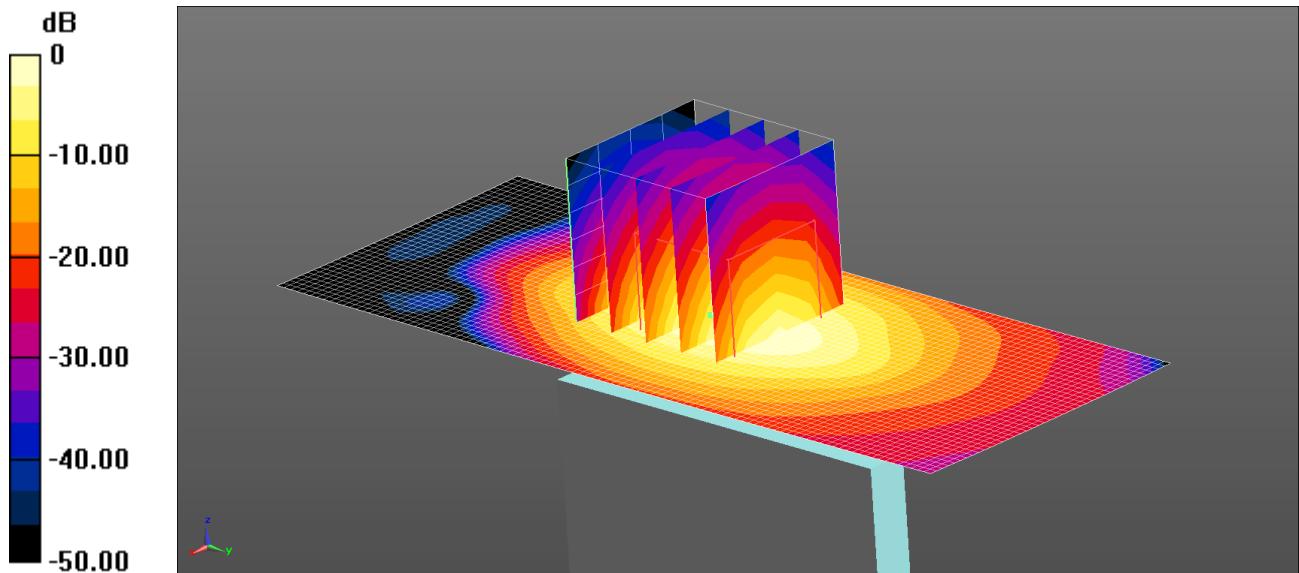
SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.309 W/kg

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

108: Bottom of EUT Facing Phantom LTE 2 1RB High CH18700

Date: 23/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.742 W/kg = -1.30 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1860$ MHz; $\sigma = 1.527$ S/m; $\epsilon_r = 51.121$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Bottom - Middle/Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.742 W/kg

Configuration/Bottom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.984 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.10 W/kg

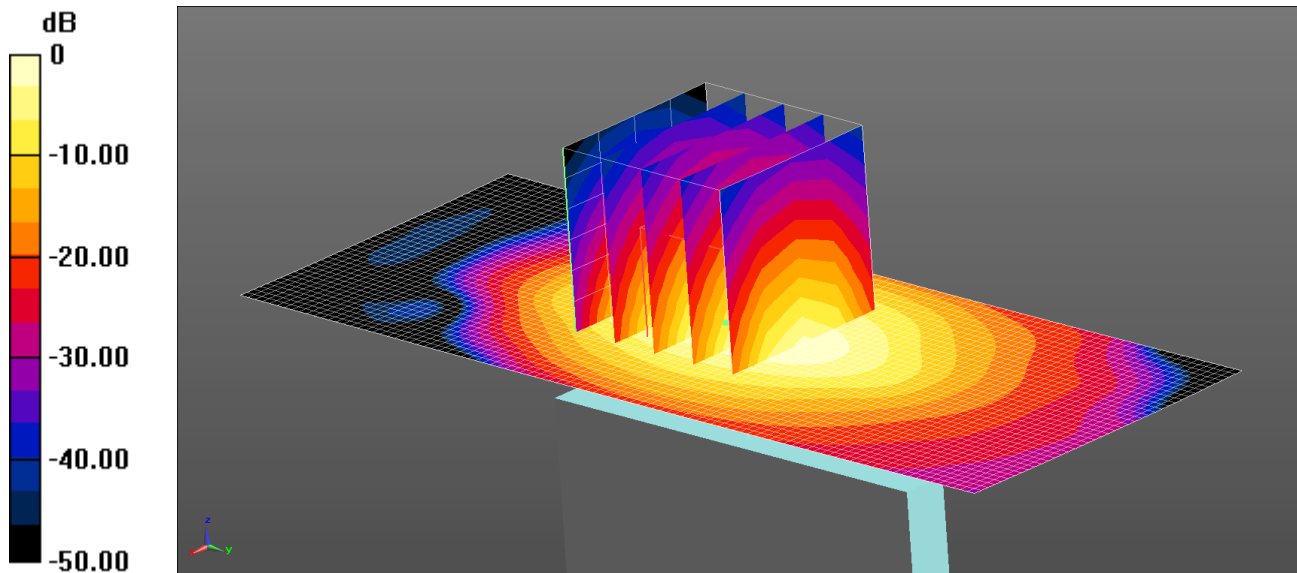
SAR(1 g) = 0.634 W/kg; SAR(10 g) = 0.333 W/kg

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

109: Bottom of EUT Facing Phantom LTE 2 1RB High CH19100

Date: 23/12/2014

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.887 W/kg = -0.52 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.568$ S/m; $\epsilon_r = 50.993$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Bottom - Middle/Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.887 W/kg

Configuration/Bottom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.758 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.30 W/kg

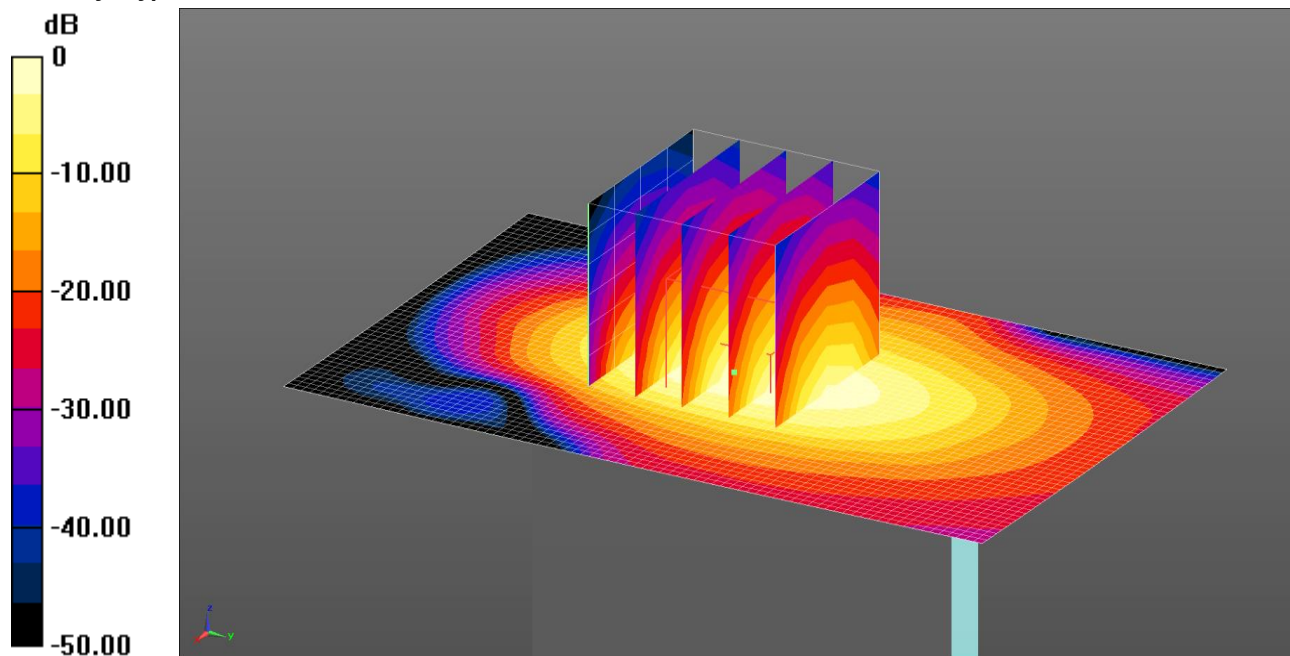
SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.390 W/kg

Maximum value of SAR (measured) = 0.819 W/kg

110: Bottom of EUT Facing Phantom 10mm LTE 2 100%RB High CH18900

Date: 23/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.804 W/kg = -0.95 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.528$ S/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/05/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Bottom - Middle 2/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Configuration/Bottom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.536 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.10 W/kg

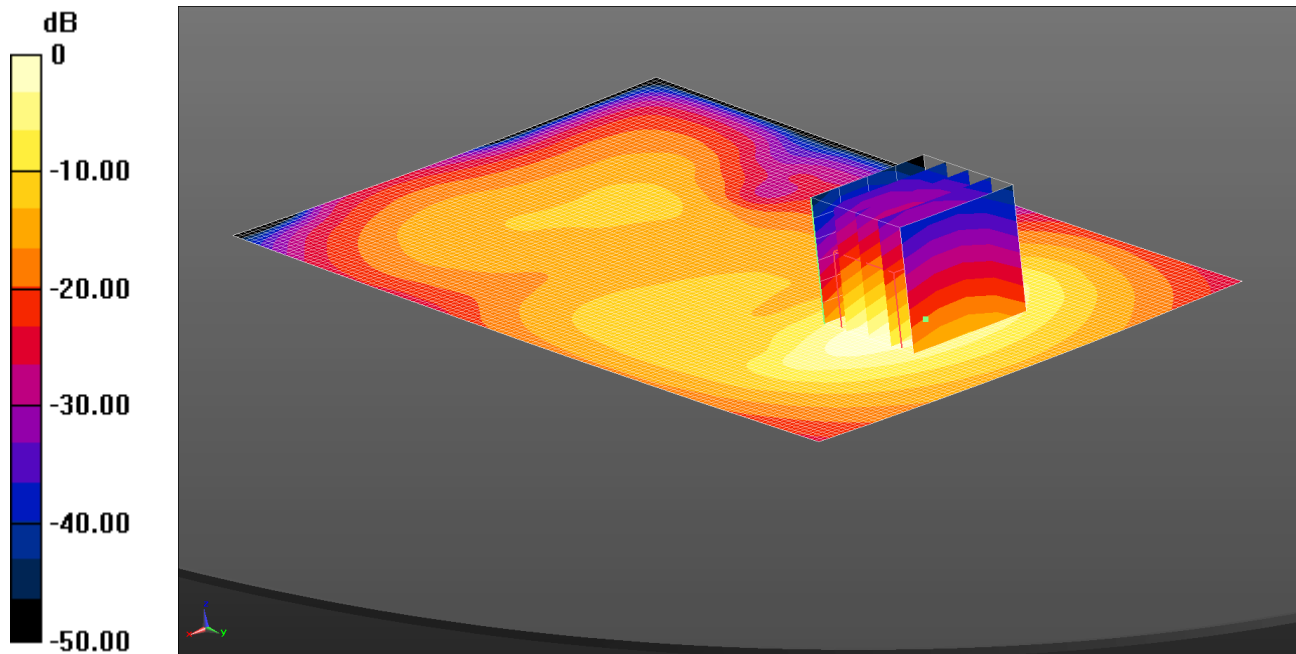
SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.326 W/kg

Maximum value of SAR (measured) = 0.690 W/kg

111: Front of EUT Facing Phantom 15mm LTE 2 1RB High CH19100

Date: 16/1/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.845 W/kg = -0.73 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 52.103$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;

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

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

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

- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front - Middle/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.845 W/kg

Configuration/Front - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.28 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.28 W/kg

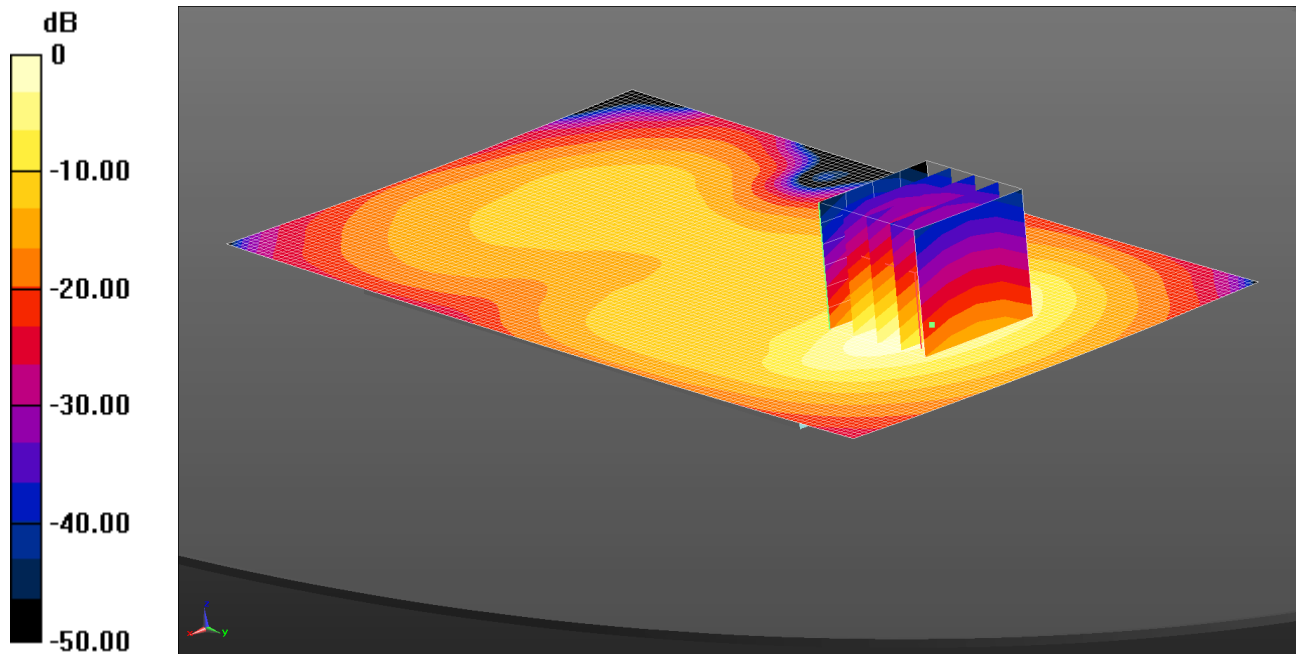
SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.428 W/kg

Maximum value of SAR (measured) = 0.815 W/kg

112: Front of EUT Facing Phantom 15mm LTE 2 1RB High CH18700

Date: 16/1/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.782 W/kg = -1.07 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1860$ MHz; $\sigma = 1.501$ S/m; $\epsilon_r = 52.205$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;

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

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

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

- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front - Middle/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.782 W/kg

Configuration/Front - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.19 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.17 W/kg

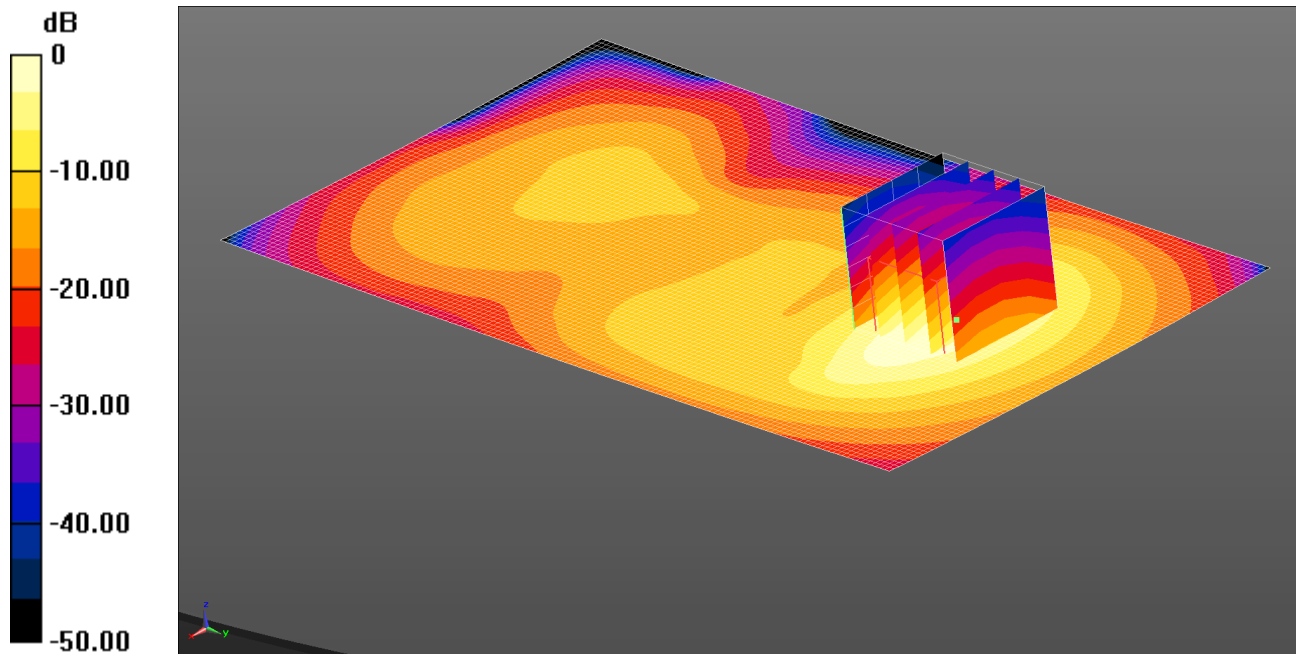
SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.400 W/kg

Maximum value of SAR (measured) = 0.761 W/kg

113: Front of EUT Facing Phantom 15mm LTE 2 1RB High CH18900

Date: 16/1/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.845 W/kg = -0.73 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.522$ S/m; $\epsilon_r = 52.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;

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

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

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

- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front - Middle/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.845 W/kg

Configuration/Front - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.30 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.26 W/kg

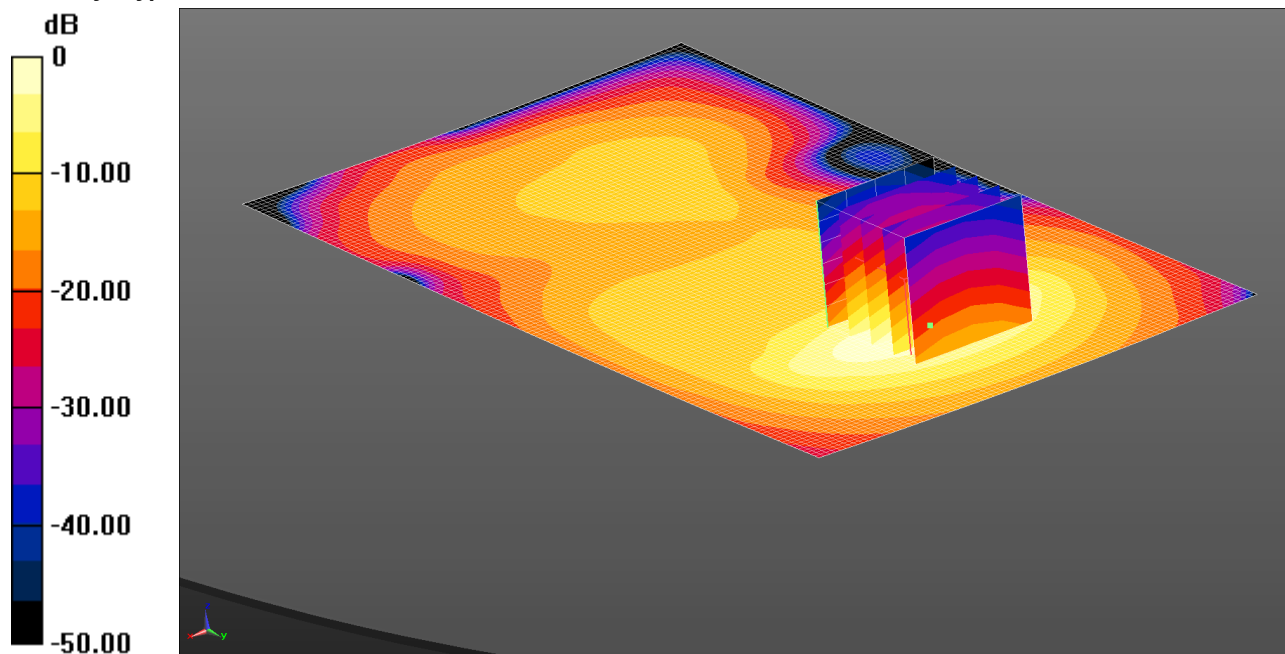
SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.428 W/kg

Maximum value of SAR (measured) = 0.814 W/kg

114: Front of EUT Facing Phantom 15mm LTE 2 50%RB Middle CH18900

Date: 16/1/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.617 W/kg = -2.10 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.522$ S/m; $\epsilon_r = 52.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/8/2014;

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

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

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

- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front - Middle/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.617 W/kg

Configuration/Front - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.62 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.925 W/kg

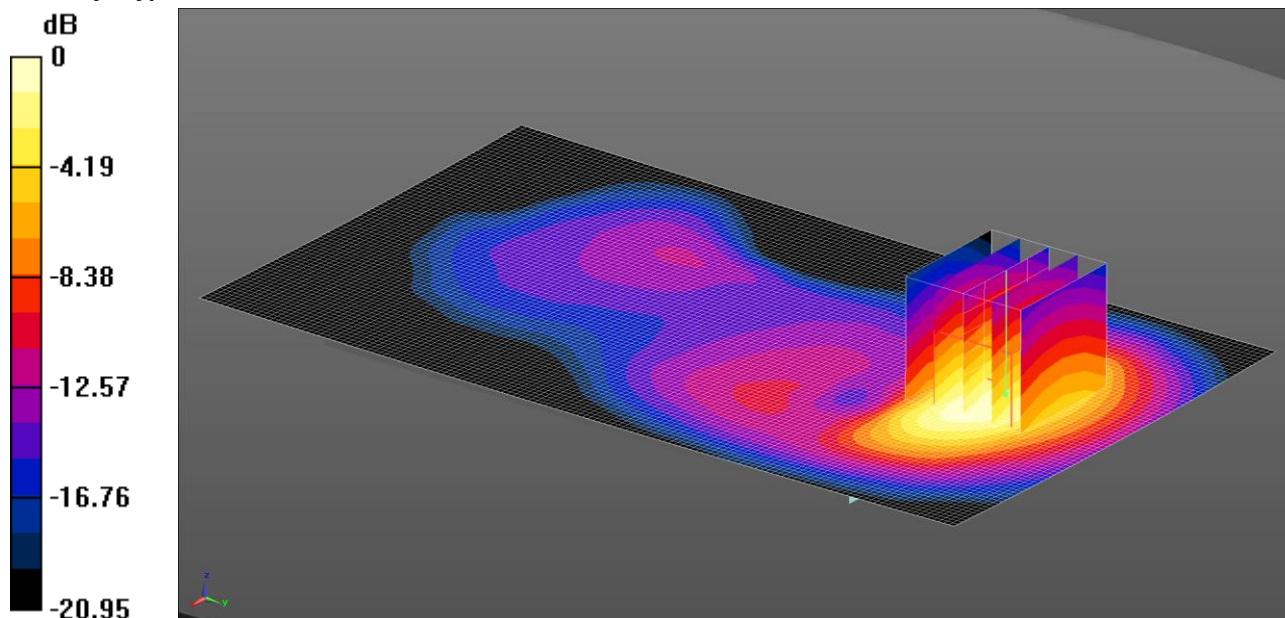
SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.314 W/kg

Maximum value of SAR (measured) = 0.602 W/kg

115: Front of EUT Facing Phantom 15mm LTE 2 100%RB High CH18900

Date: 23/01/2015

DUT: Sony; Type: FCC ID: PY7PM-0800



0 dB = 0.772 W/kg = -1.12 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.528$ S/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/05/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Front - Middle 2/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.815 W/kg

Configuration/Front - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.128 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.386 W/kg

Maximum value of SAR (measured) = 0.772 W/kg