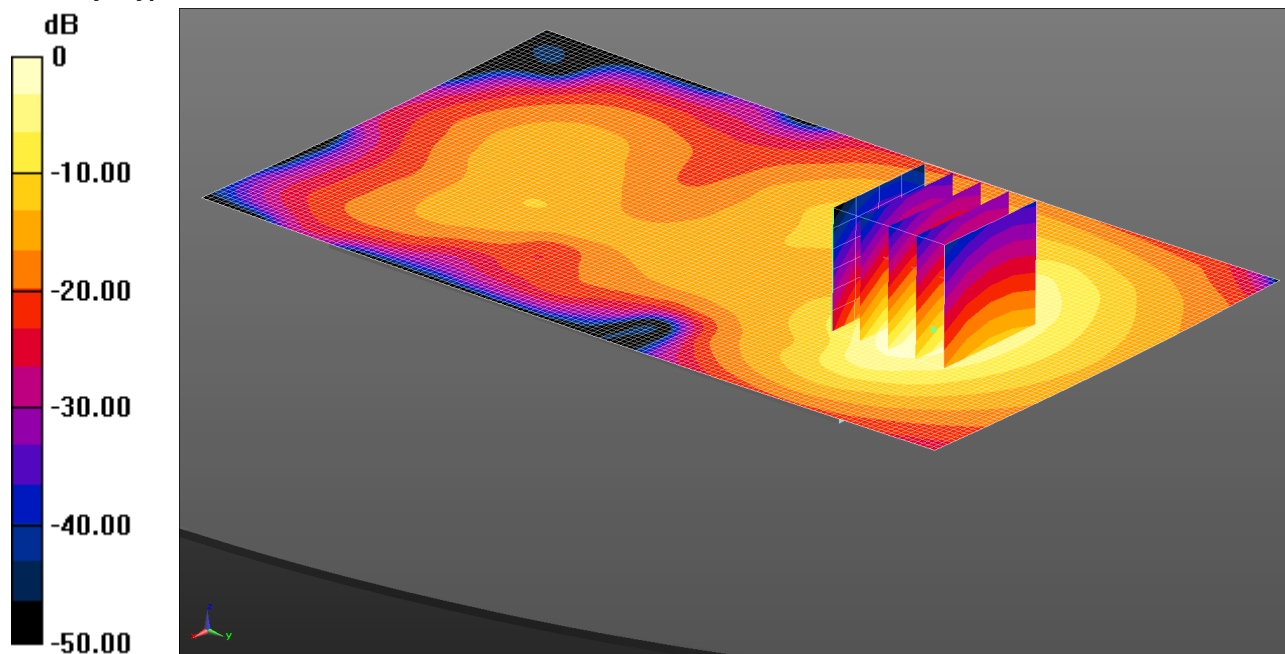


116: Back of EUT Facing Phantom 15mm LTE 2 1RB High CH19100

Date: 19/1/2015

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



0 dB = 0.905 W/kg = -0.43 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; $\sigma = 1.49$ S/m; $\epsilon_r = 51.618$; $\rho = 1000$ 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) = 0.905 W/kg

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

Reference Value = 10.69 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.31 W/kg

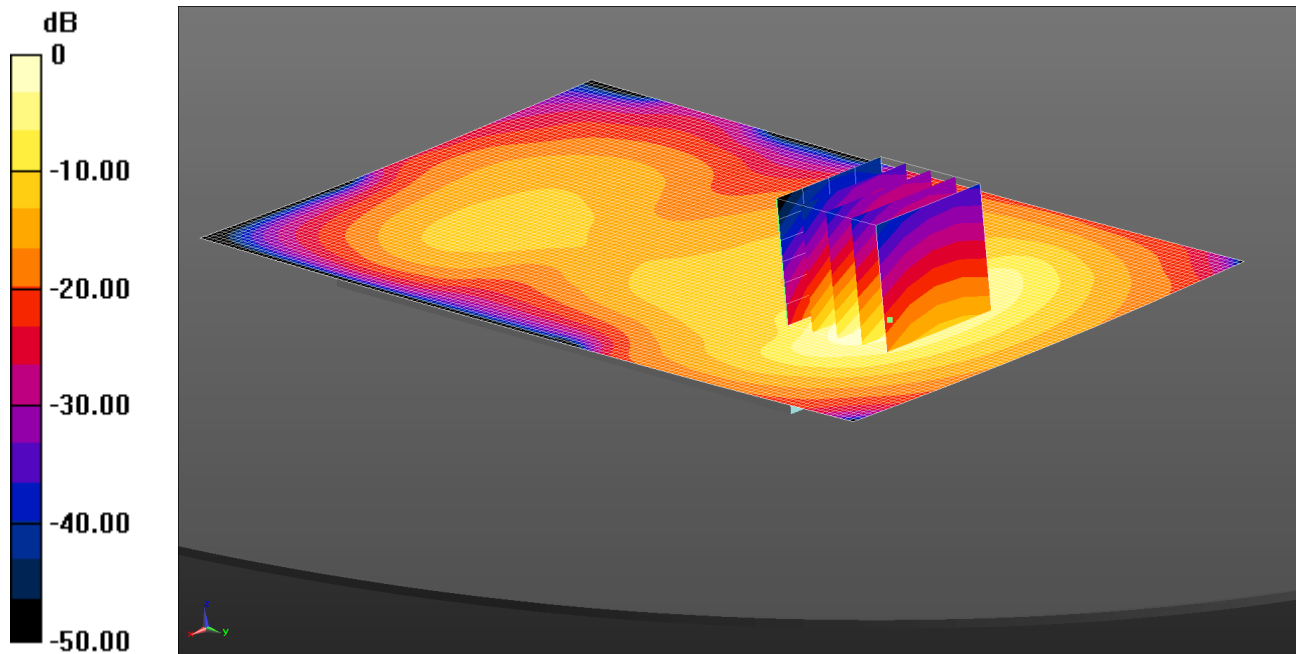
SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.428 W/kg

Maximum value of SAR (measured) = 0.852 W/kg

117: Back of EUT Facing Phantom 15mm LTE 2 1RB High CH18700

Date: 19/1/2015

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



0 dB = 0.850 W/kg = -0.71 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; $\sigma = 1.45$ S/m; $\epsilon_r = 51.732$; $\rho = 1000$ 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) = 0.850 W/kg

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

Reference Value = 12.74 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.22 W/kg

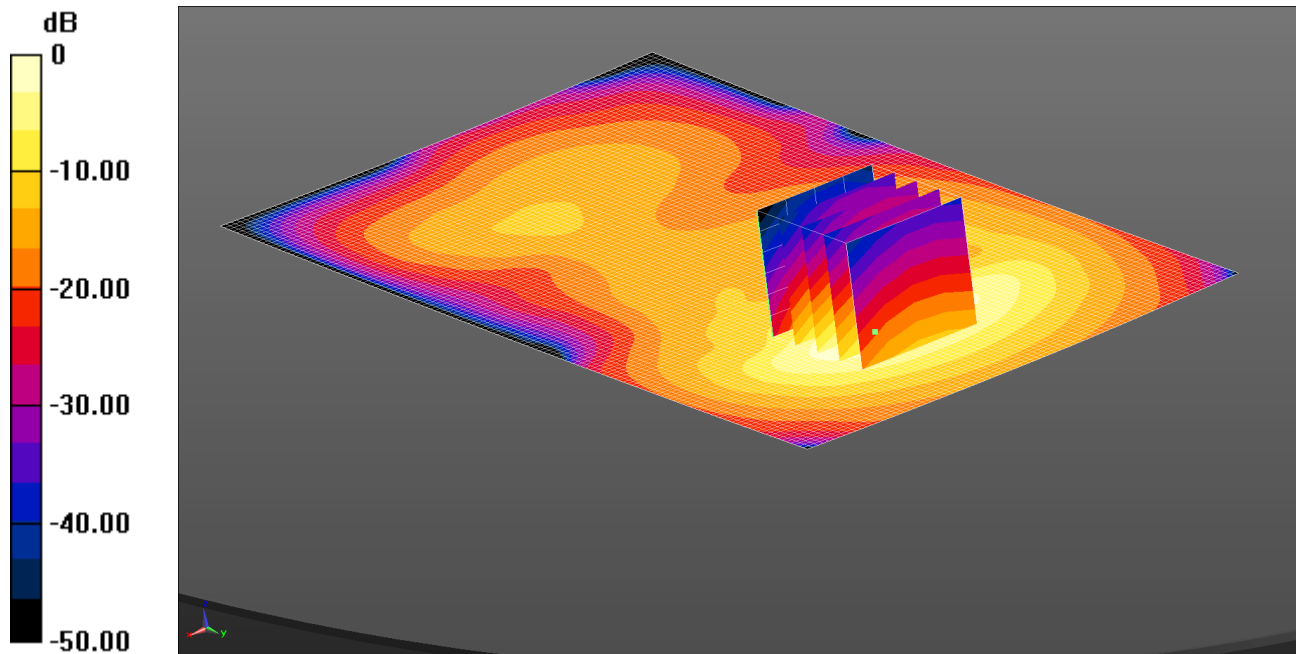
SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.406 W/kg

Maximum value of SAR (measured) = 0.803 W/kg

118: Back of EUT Facing Phantom 15mm LTE 2 1RB High CH18900

Date: 19/1/2015

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



0 dB = 0.906 W/kg = -0.43 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; $\sigma = 1.47$ S/m; $\epsilon_r = 51.675$; $\rho = 1000$ 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) = 0.906 W/kg

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

Reference Value = 13.11 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.32 W/kg

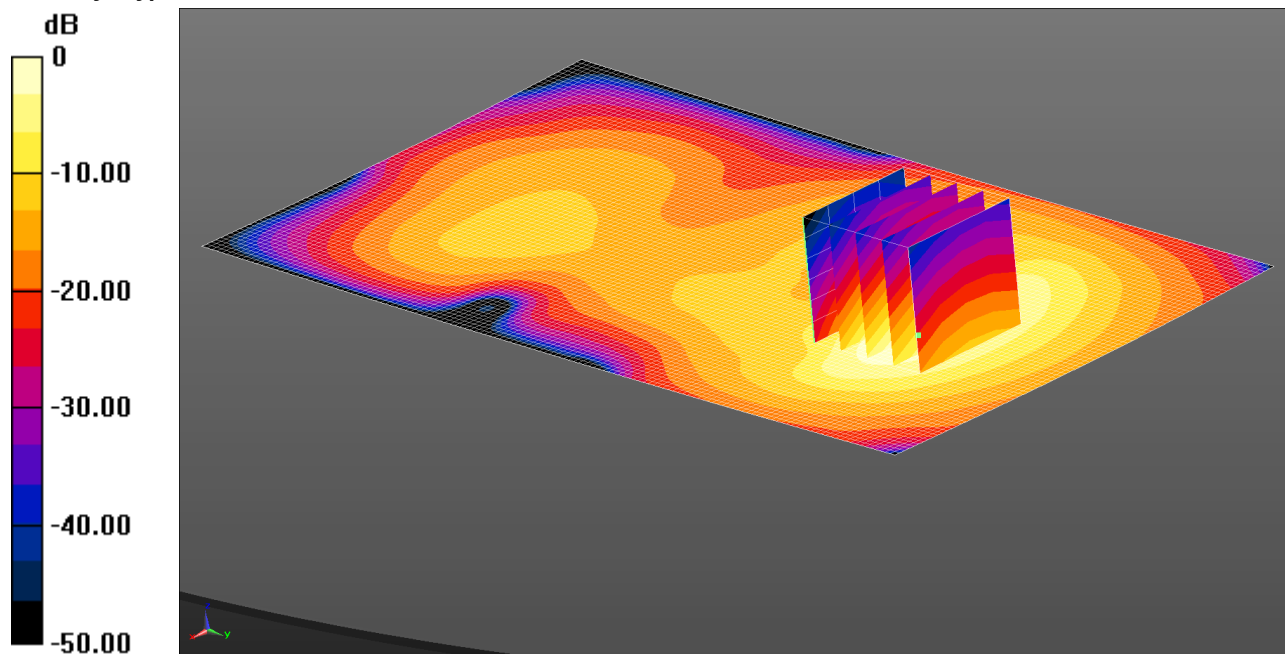
SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.434 W/kg

Maximum value of SAR (measured) = 0.863 W/kg

119: Back of EUT Facing Phantom 15mm LTE 2 50%RB Middle CH18900

Date: 19/1/2015

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



0 dB = 0.670 W/kg = -1.74 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; $\sigma = 1.47$ S/m; $\epsilon_r = 51.675$; $\rho = 1000$ 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) = 0.670 W/kg

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

Reference Value = 11.26 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.977 W/kg

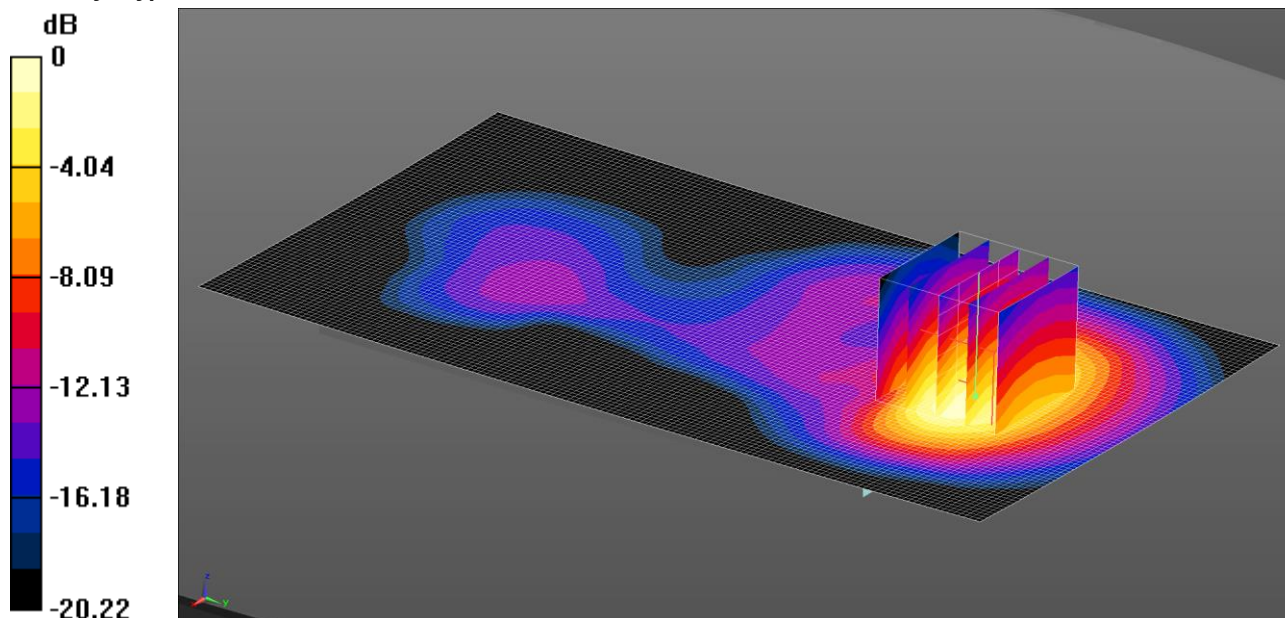
SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.320 W/kg

Maximum value of SAR (measured) = 0.639 W/kg

120: Back of EUT Facing Phantom 15mm LTE 2 100%RB High CH18900

Date: 23/01/2015

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



0 dB = 0.725 W/kg = -1.40 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/Back - Middle 2/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.789 W/kg

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

Reference Value = 11.344 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.11 W/kg

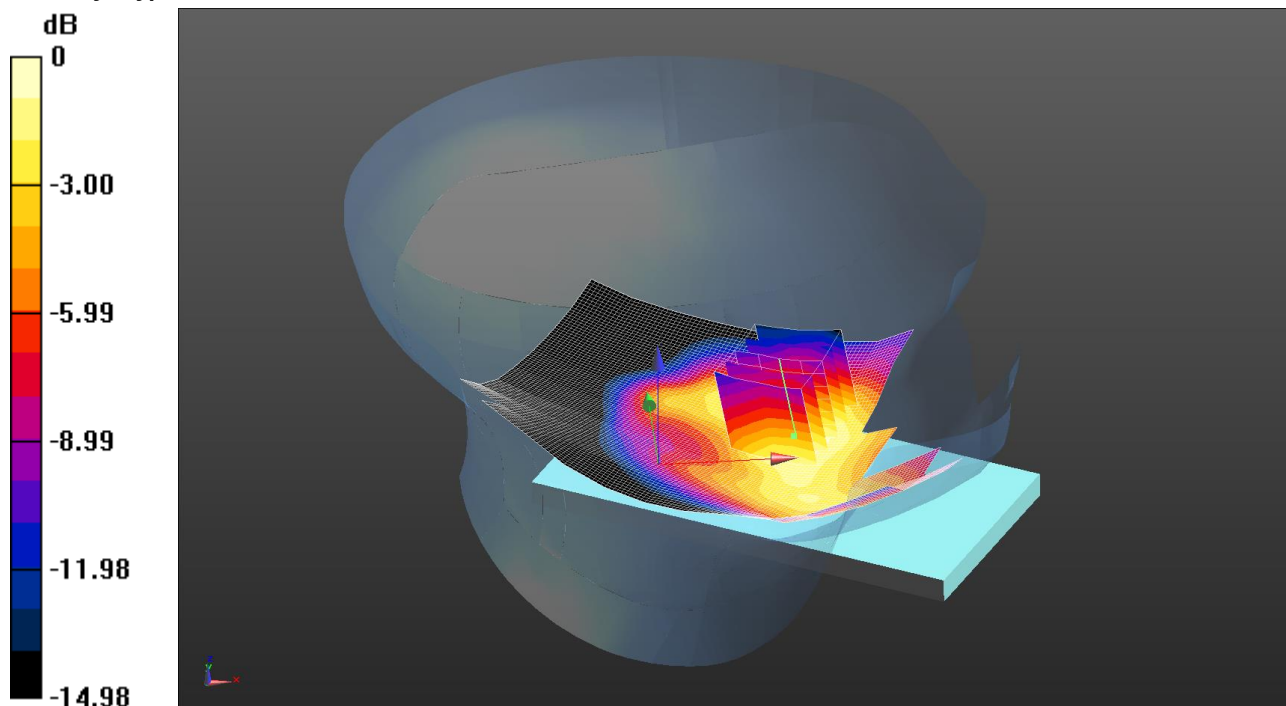
SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.361 W/kg

Maximum value of SAR (measured) = 0.725 W/kg

121: Touch Left LTE Band 4 20MHz BW 1RB Mid CH20175

Date: 21/01/2015

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



0 dB = 0.525 W/kg = -2.80 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.128$; $\rho = 1000$ 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 2/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 8.107 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.654 W/kg

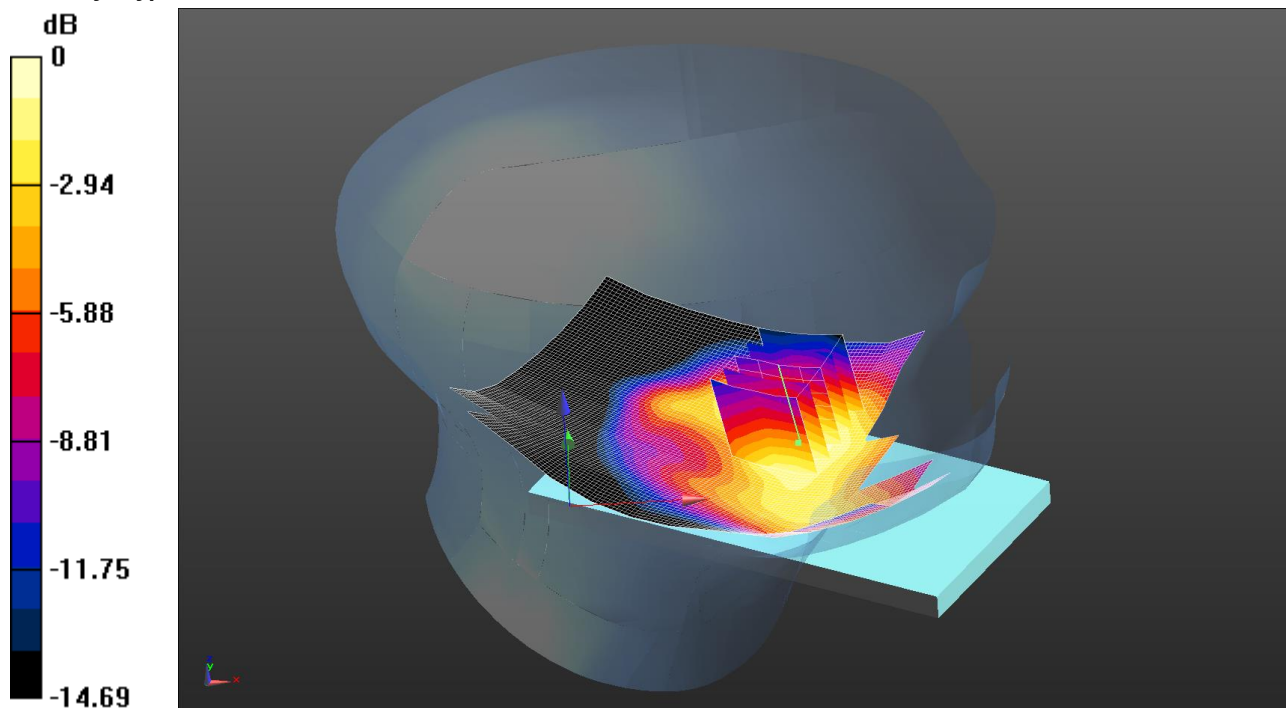
SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (measured) = 0.525 W/kg

122: Touch Left LTE Band 4 20MHz BW 50%RB Mid CH20175

Date: 21/01/2015

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



0 dB = 0.434 W/kg = -3.63 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.128$; $\rho = 1000$ 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 2/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.441 W/kg

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

Reference Value = 7.034 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.545 W/kg

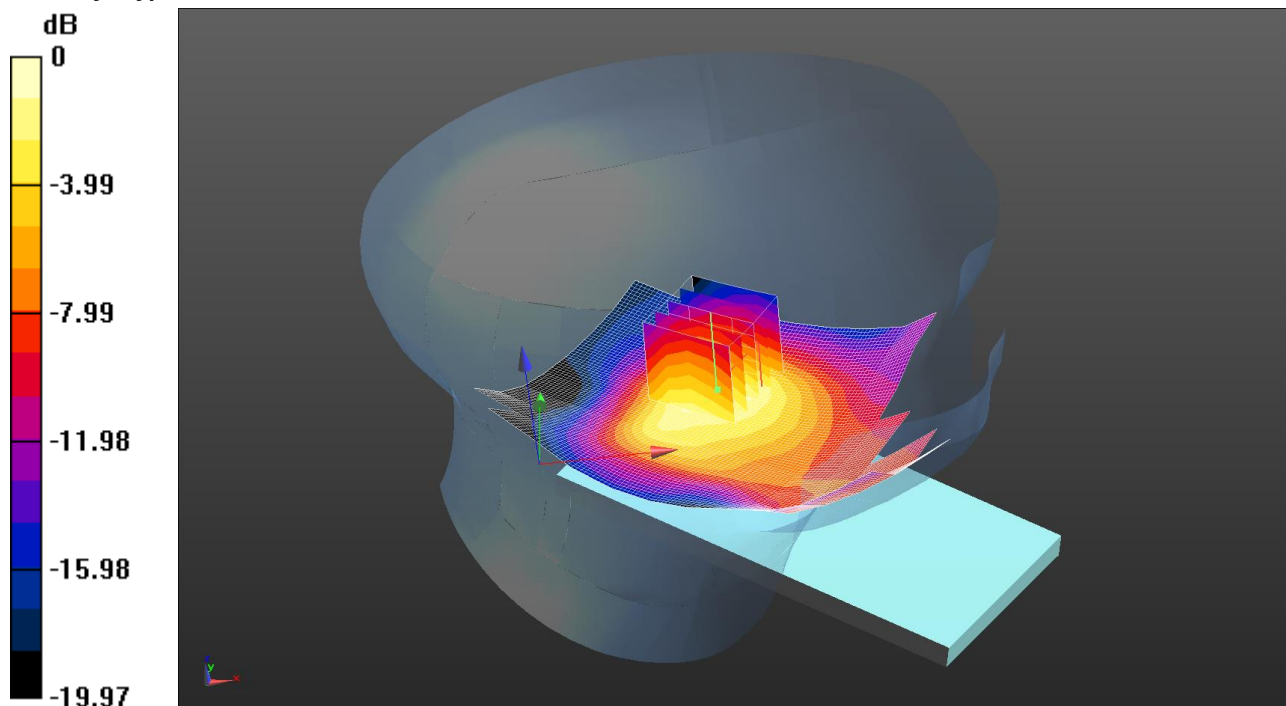
SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.271 W/kg

Maximum value of SAR (measured) = 0.434 W/kg

123: Tilt Left LTE Band 4 20MHz BW 1RB Mid CH20175

Date: 21/01/2015

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



0 dB = 0.404 W/kg = -3.94 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.128$; $\rho = 1000$ 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 2/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.423 W/kg

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

Reference Value = 12.533 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.544 W/kg

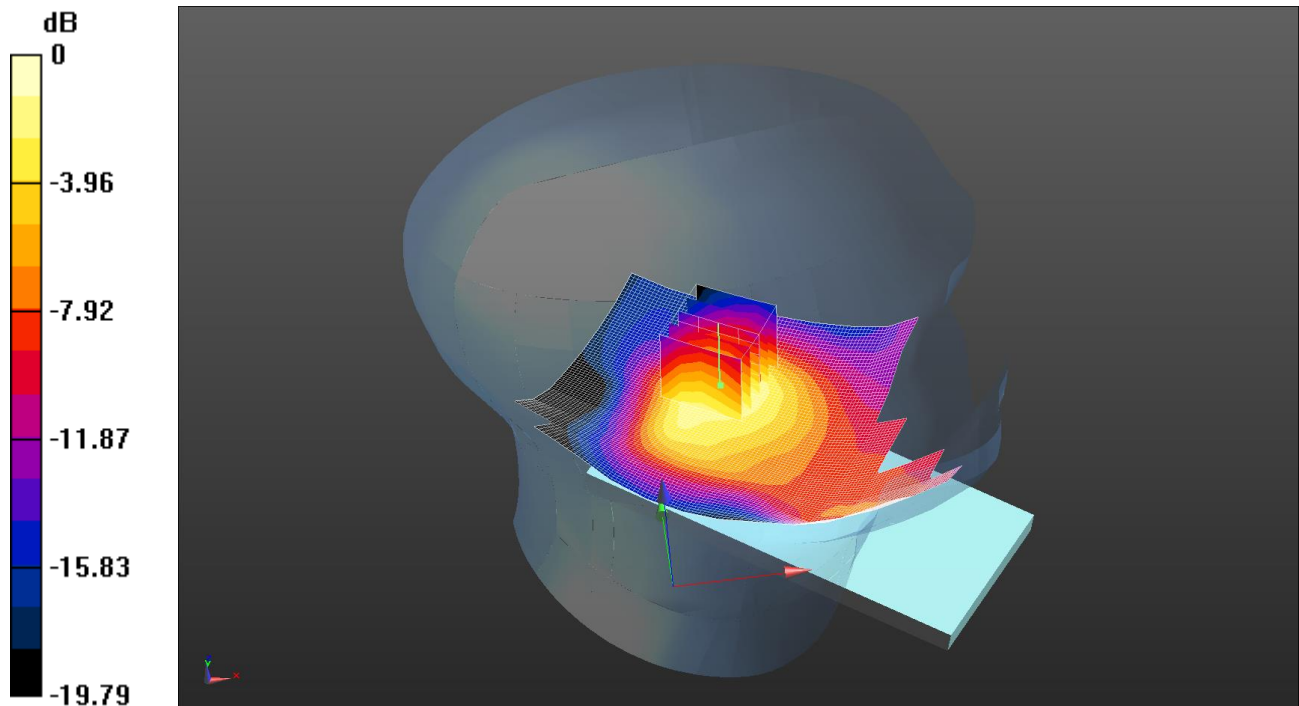
SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.404 W/kg

124: Tilt Left LTE Band 4 20MHz BW 50%RB Mid CH20175

Date: 21/01/2015

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



0 dB = 0.312 W/kg = -5.06 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.128$; $\rho = 1000$ 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 2/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.329 W/kg

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

Reference Value = 11.101 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.424 W/kg

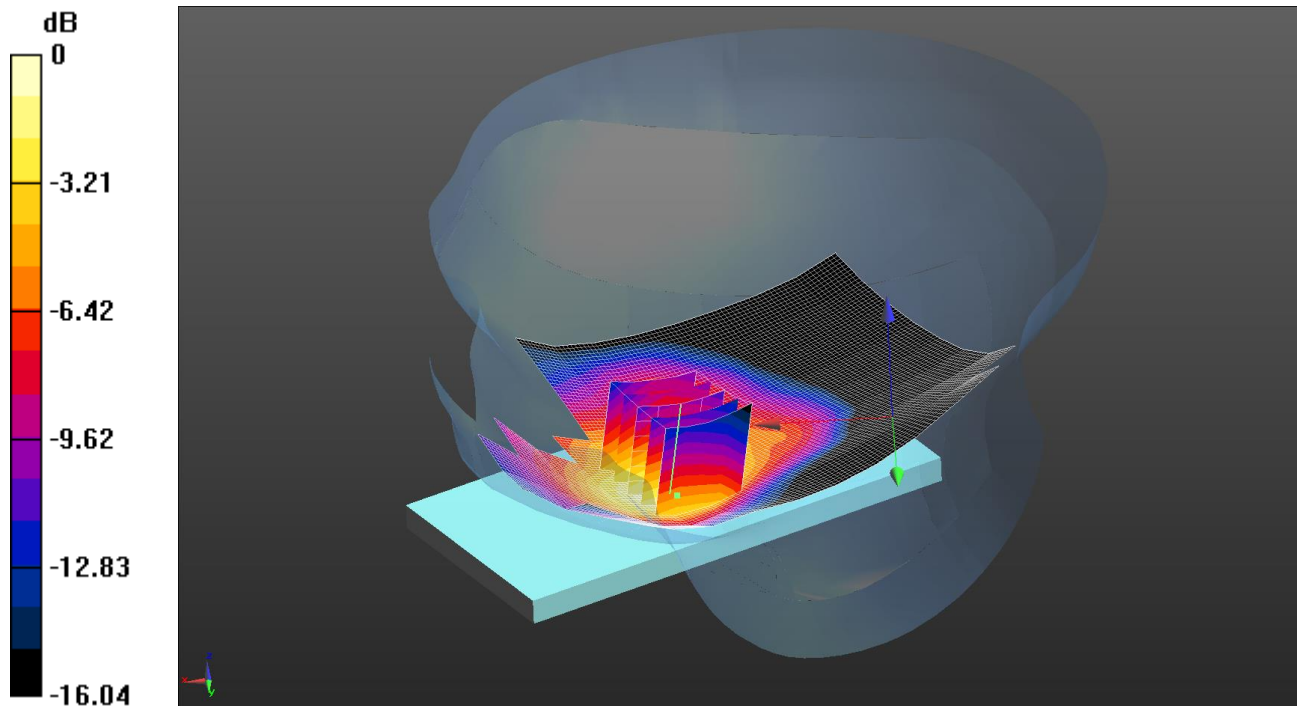
SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.312 W/kg

125: Touch Right LTE Band 4 20MHz BW 1RB Mid CH20175

Date: 21/01/2015

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



0 dB = 0.805 W/kg = -0.94 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.128$; $\rho = 1000$ 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 2/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.875 W/kg

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

Reference Value = 5.846 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.04 W/kg

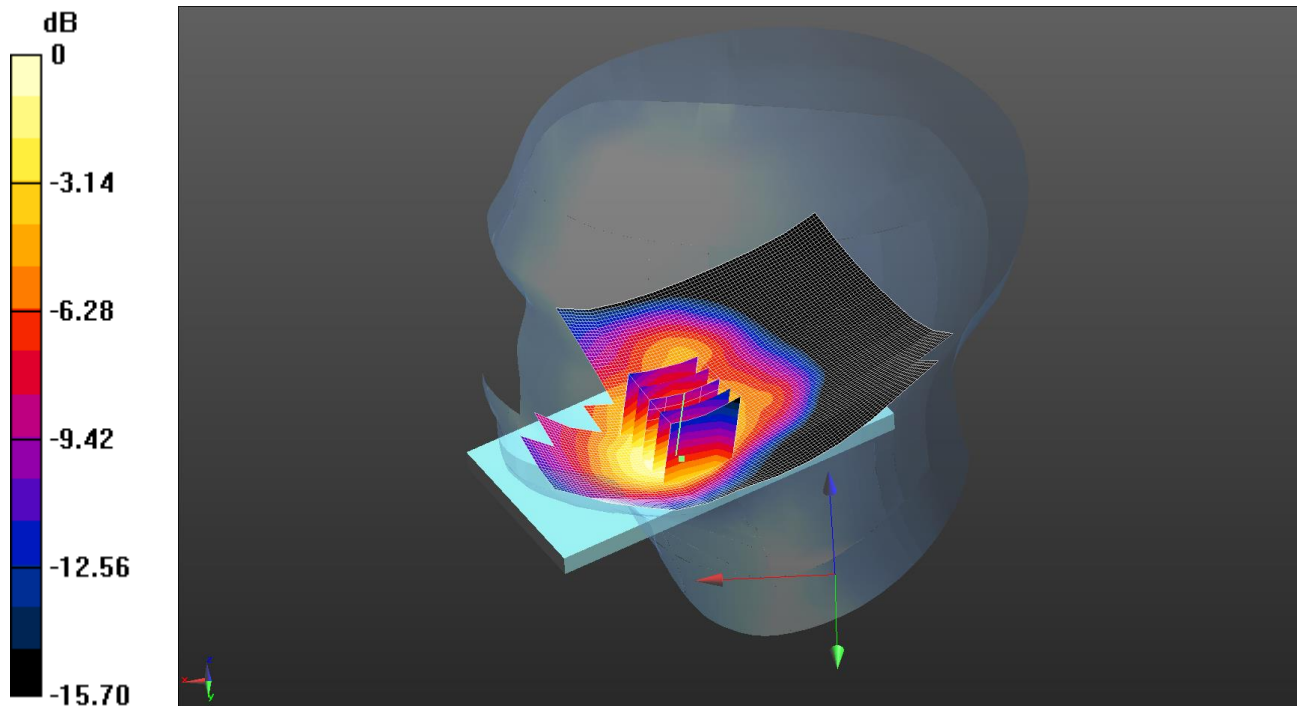
SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.481 W/kg

Maximum value of SAR (measured) = 0.805 W/kg

126: Touch Right LTE Band 4 20MHz BW 1RB Mid CH20050

Date: 21/01/2015

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



0 dB = 0.703 W/kg = -1.53 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 39.176$; $\rho = 1000$ 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 2/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.751 W/kg

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

Reference Value = 5.152 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.906 W/kg

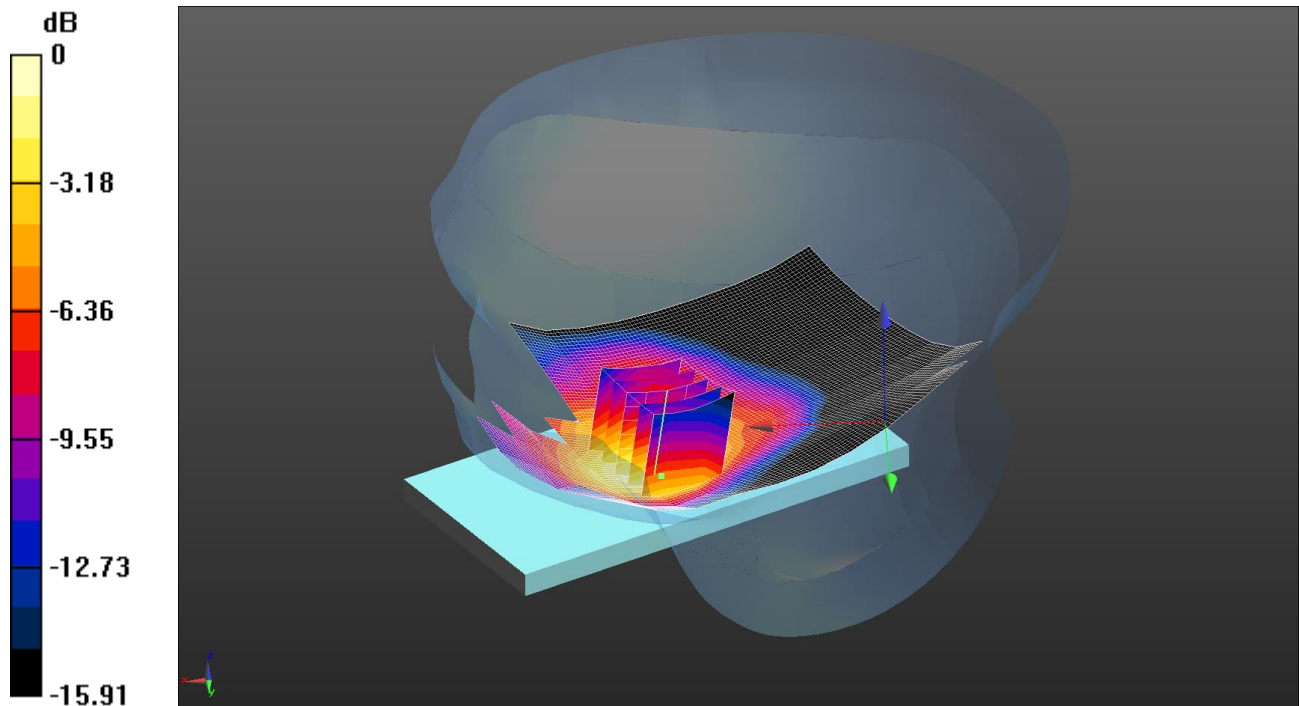
SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.427 W/kg

Maximum value of SAR (measured) = 0.703 W/kg

127: Touch Right LTE Band 4 20MHz BW 1RB Mid CH20300

Date: 21/01/2015

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



0 dB = 0.768 W/kg = -1.15 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 39.081$; $\rho = 1000$ 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) = 0.820 W/kg

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

Reference Value = 5.519 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.00 W/kg

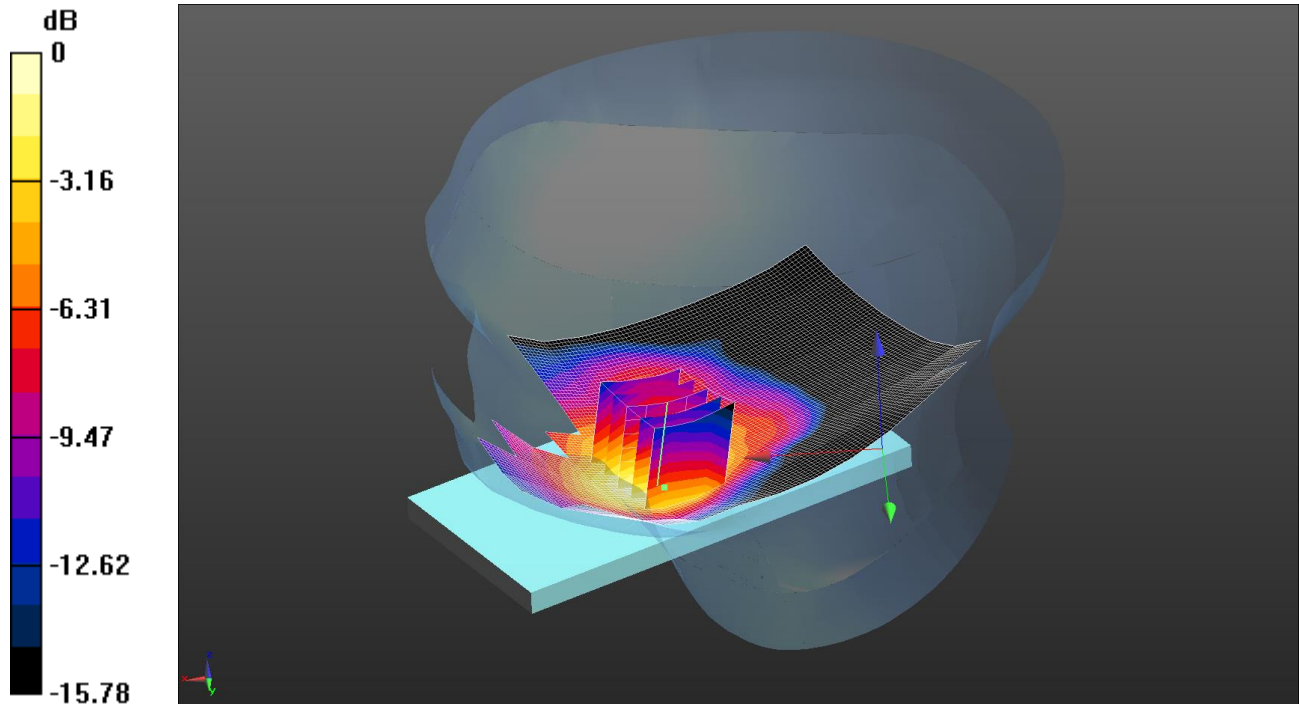
SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.461 W/kg

Maximum value of SAR (measured) = 0.768 W/kg

128: Touch Right LTE Band 4 20MHz BW 50% RB Mid CH20175

Date: 21/01/2015

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



0 dB = 0.651 W/kg = -1.86 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.128$; $\rho = 1000$ 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 2/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 5.031 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.864 W/kg

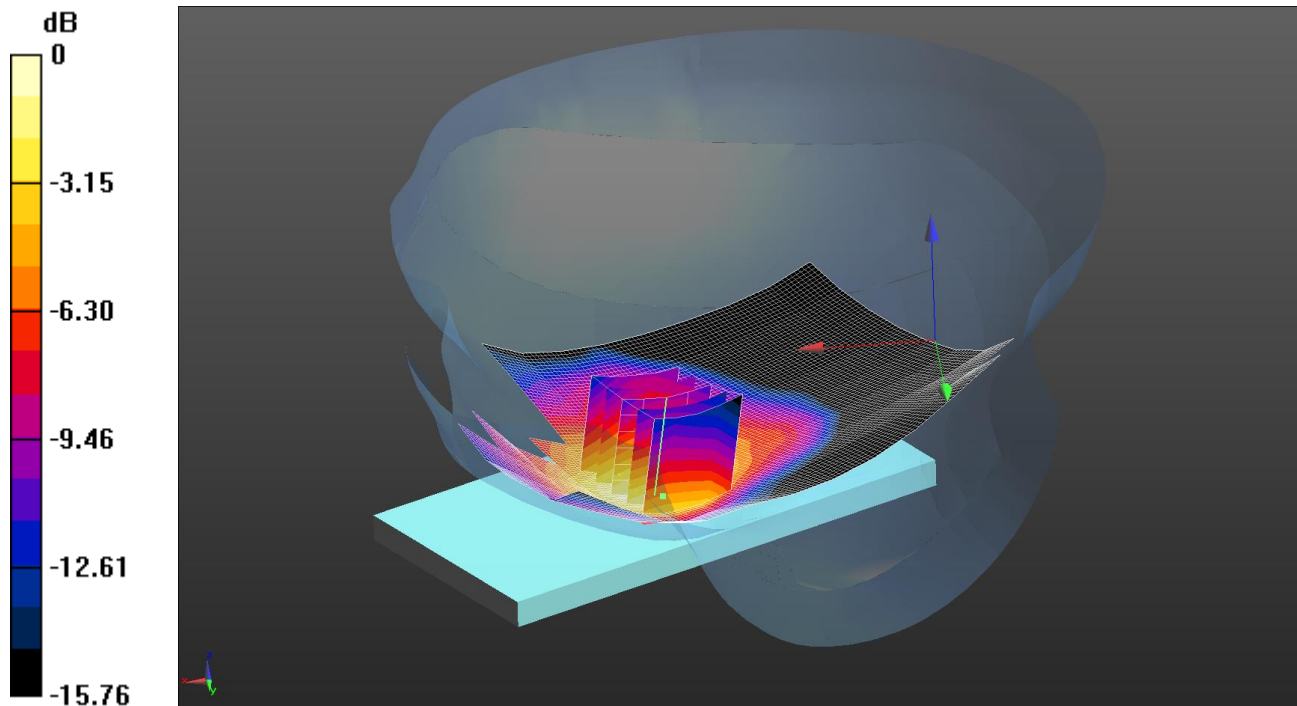
SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.383 W/kg

Maximum value of SAR (measured) = 0.651 W/kg

129: Touch Right LTE Band 4 20MHz BW 100% RB Mid CH20175

Date: 21/01/2015

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



0 dB = 0.634 W/kg = -1.98 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.128$; $\rho = 1000$ 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 2/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.688 W/kg

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

Reference Value = 5.097 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.830 W/kg

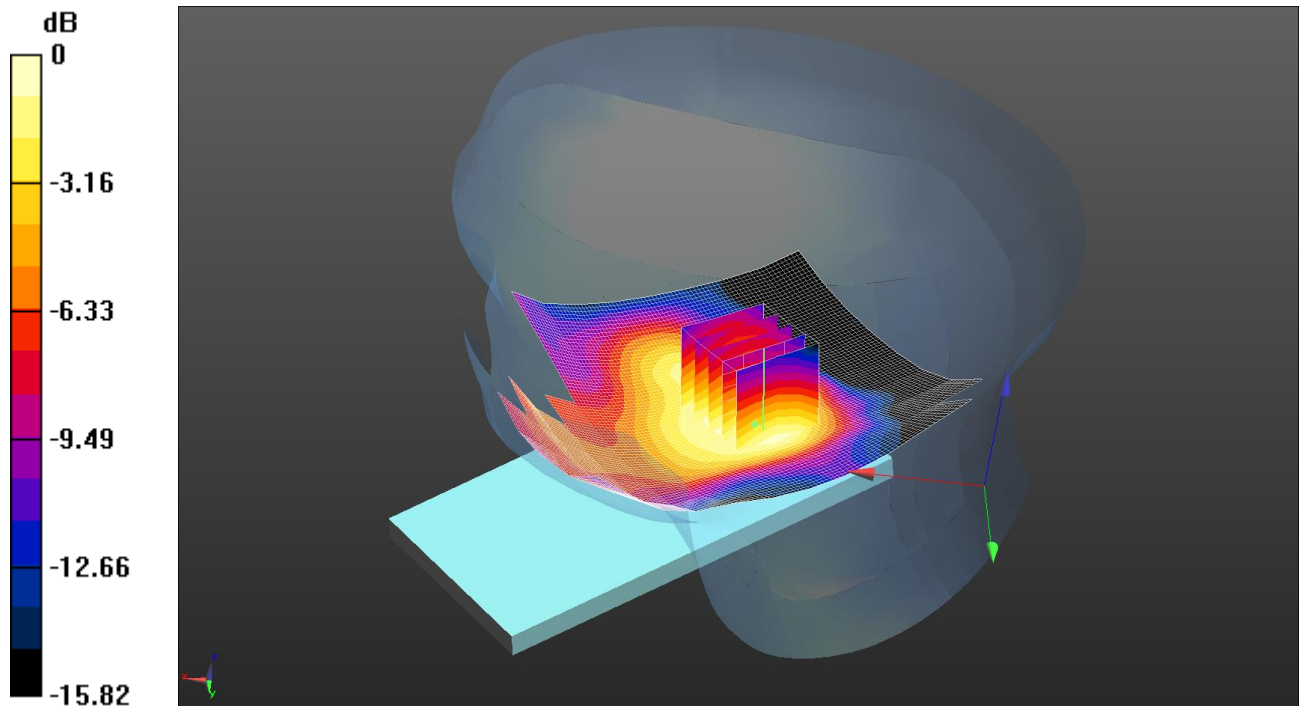
SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.383 W/kg

Maximum value of SAR (measured) = 0.634 W/kg

130: Tilt Right LTE Band 4 20MHz BW 1RB Mid CH20175

Date: 21/01/2015

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



0 dB = 0.244 W/kg = -6.13 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.128$; $\rho = 1000$ 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) = 0.255 W/kg

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

Reference Value = 10.891 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.305 W/kg

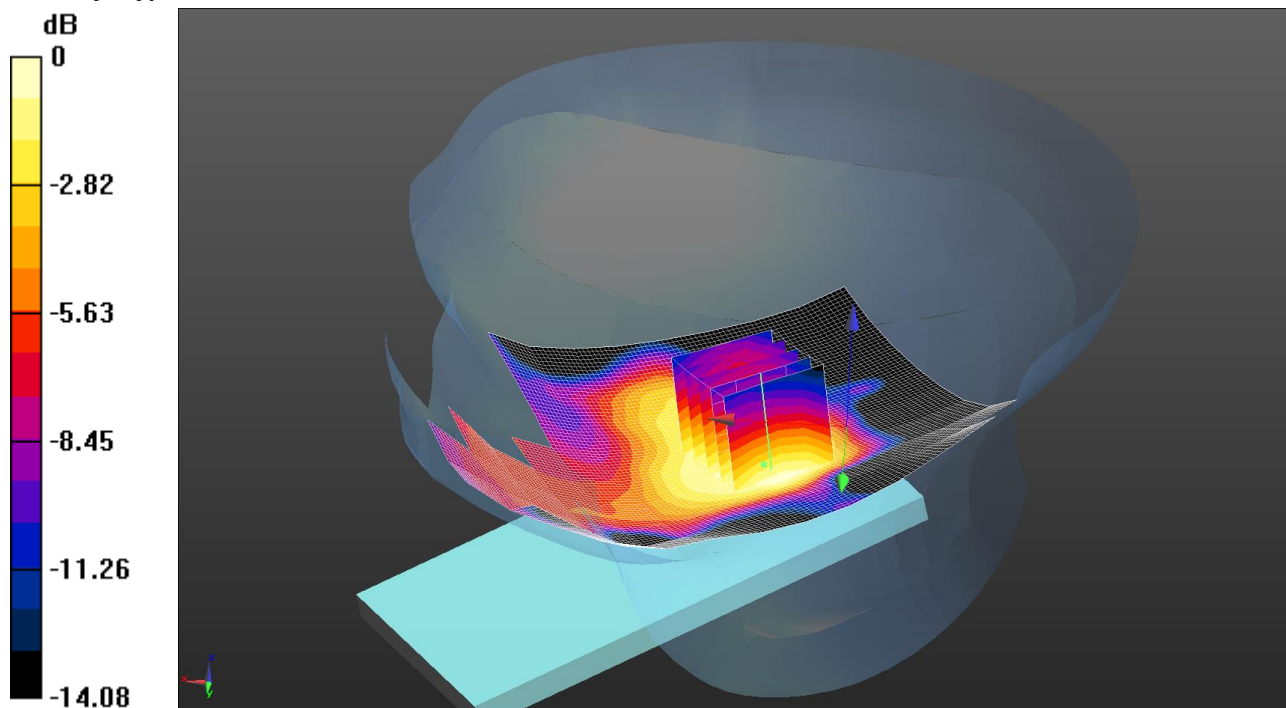
SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.244 W/kg

131: Tilt Right LTE Band 4 20MHz BW 50%RB Mid CH20175

Date: 21/01/2015

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



0 dB = 0.192 W/kg = -7.17 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.128$; $\rho = 1000$ 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) = 0.206 W/kg

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

Reference Value = 9.761 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.238 W/kg

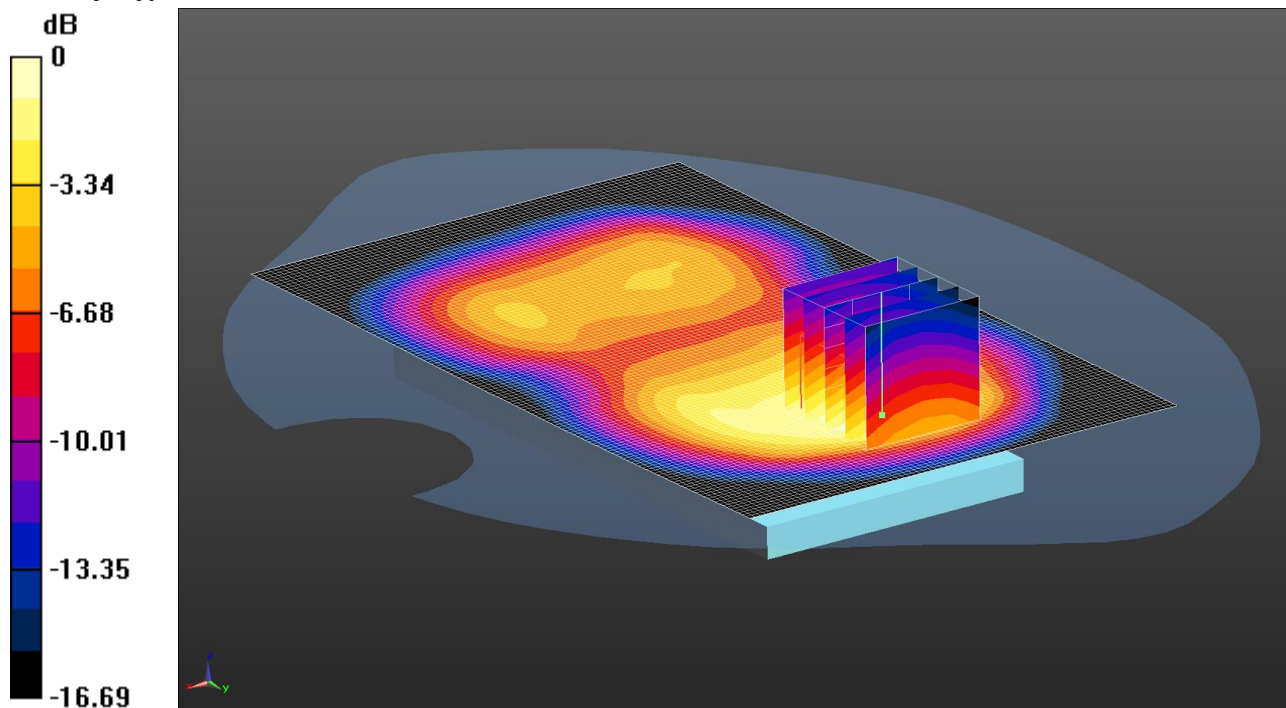
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.123 W/kg

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

132: Front of EUT Facing Phantom LTE Band 4 20MHz BW 1RB Low CH20050

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, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 51.798$; $\rho = 1000$ 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) = 0.553 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 = 9.720 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.708 W/kg

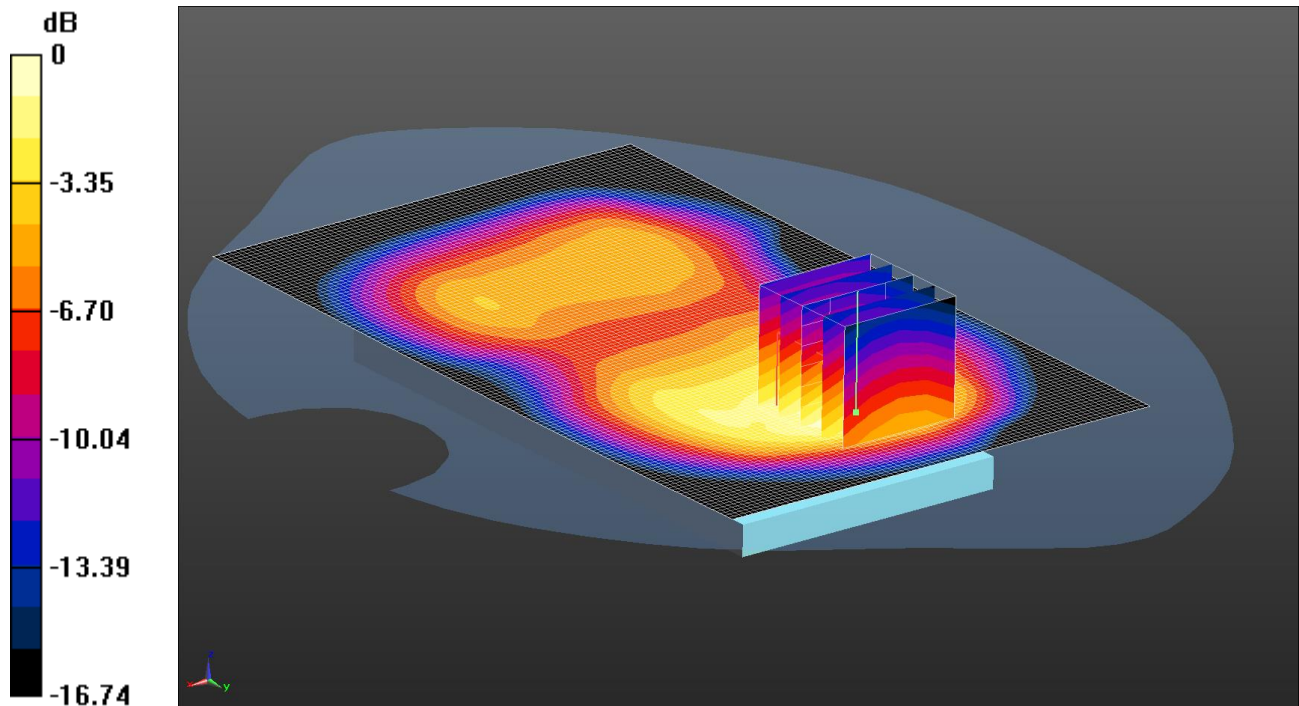
SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.294 W/kg

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

133: Front of EUT Facing Phantom LTE Band 4 20MHz BW 50%RB Low CH20050

Date: 22/01/2015

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



0 dB = 0.537 W/kg = -2.70 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 51.798$; $\rho = 1000$ 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) = 0.550 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 = 9.741 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.726 W/kg

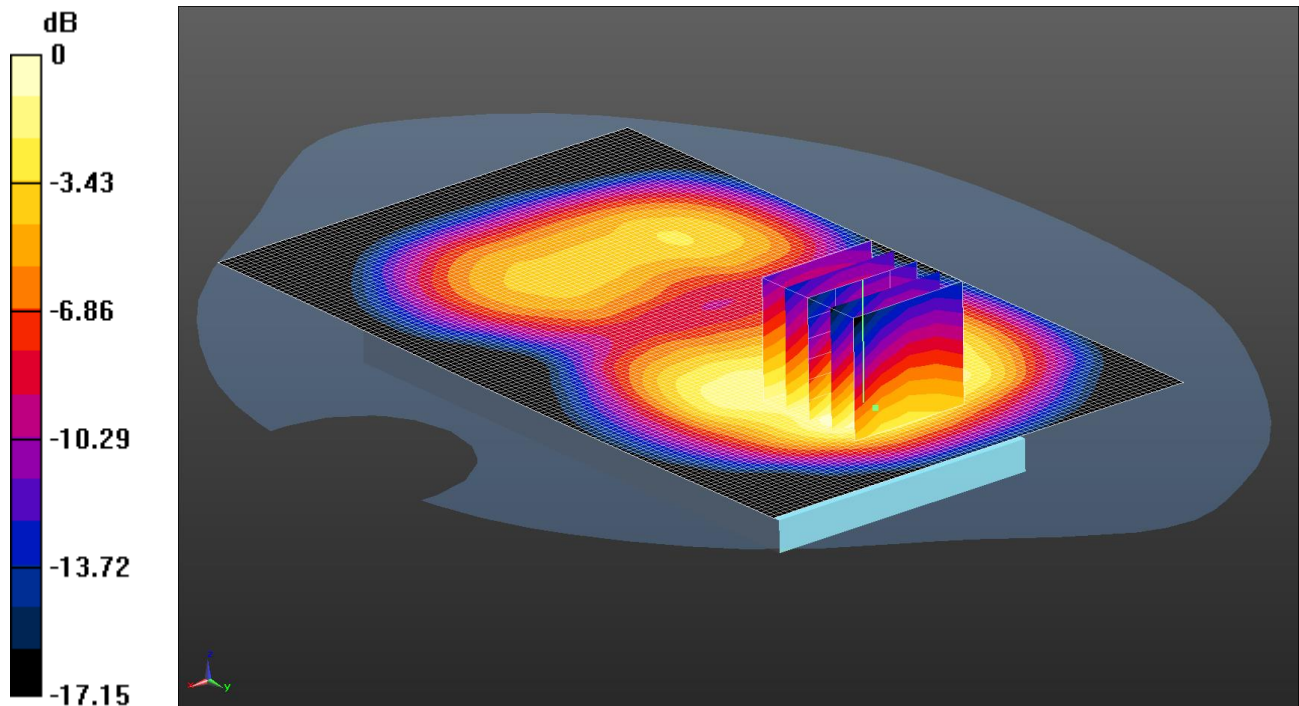
SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.295 W/kg

Maximum value of SAR (measured) = 0.537 W/kg

134: Back of EUT Facing Phantom LTE Band 4 20MHz BW 1RB Low CH20050

Date: 22/01/2015

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



0 dB = 0.473 W/kg = -3.25 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 51.798$; $\rho = 1000$ 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- Low/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.514 W/kg

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

Reference Value = 7.943 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.672 W/kg

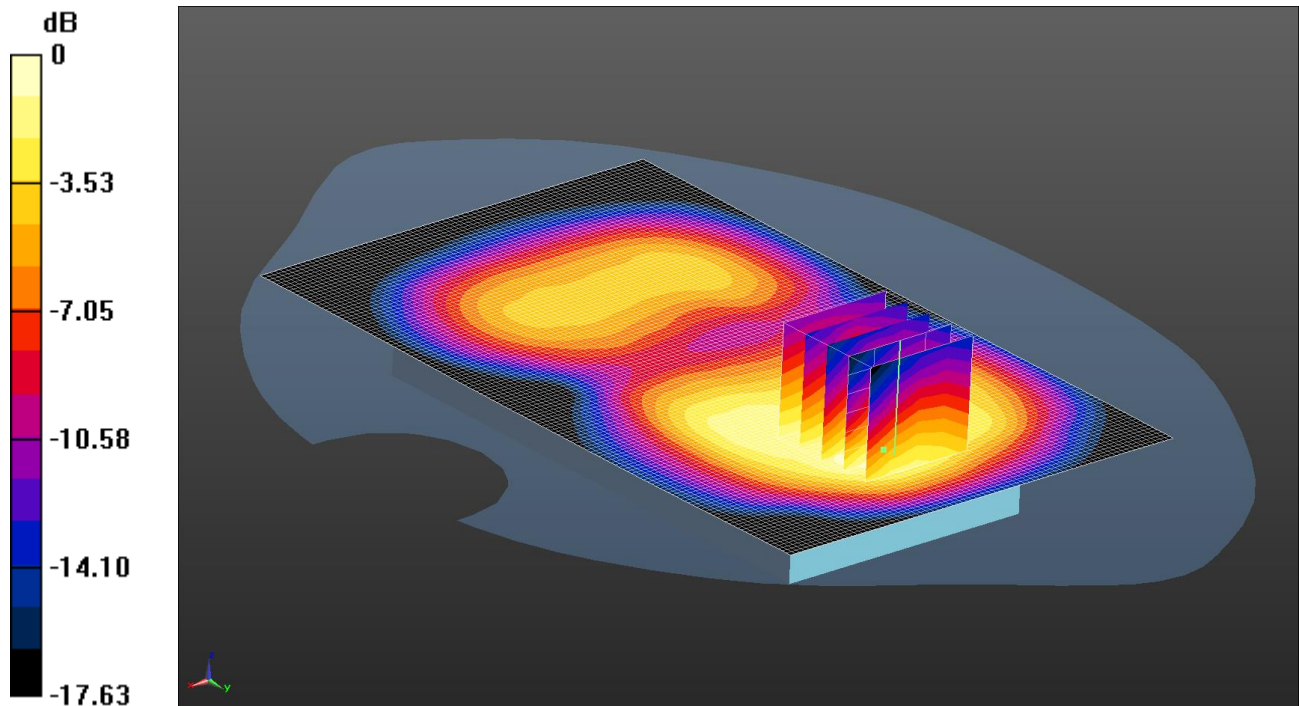
SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 0.473 W/kg

135: Back of EUT Facing Phantom LTE Band 4 20MHz BW 50% RB Low CH20050

Date: 23/01/2015

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



0 dB = 0.501 W/kg = -3.00 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 51.798$; $\rho = 1000$ 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- Low/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.537 W/kg

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

Reference Value = 8.033 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.694 W/kg

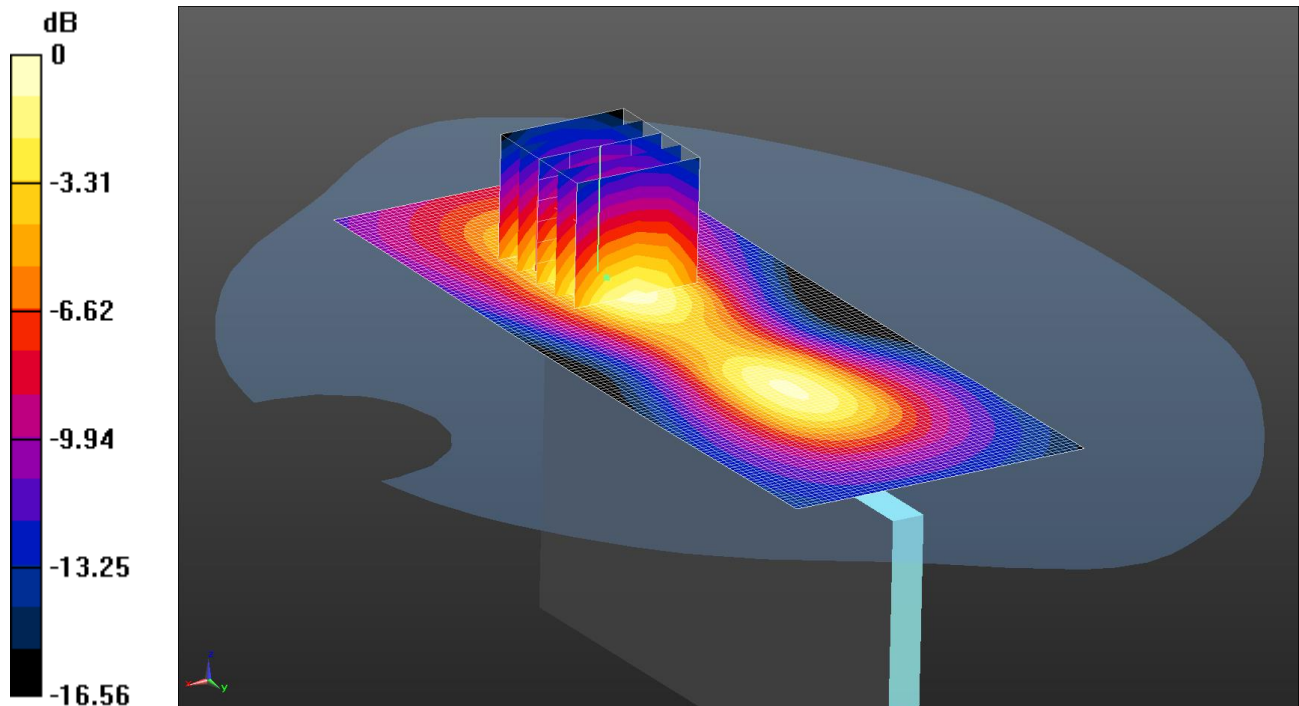
SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 0.501 W/kg

136: Left Hand Side of EUT Facing Phantom LTE Band 4 20MHz BW 1RB Low CH20050

Date: 23/01/2015

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



0 dB = 0.209 W/kg = -6.80 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 51.798$; $\rho = 1000$ 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- Low/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.221 W/kg

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

Reference Value = 7.550 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.290 W/kg

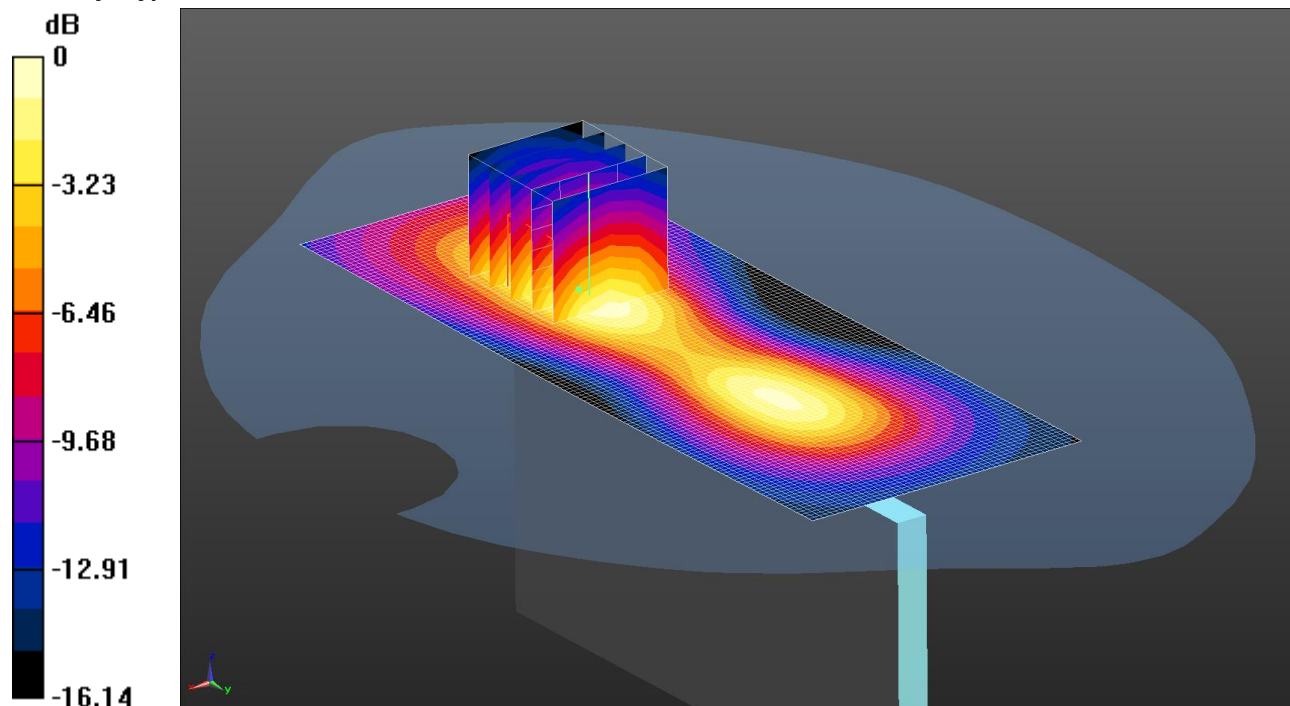
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.209 W/kg

137: Left Hand Side of EUT Facing Phantom LTE Band 4 20MHz BW 50%RB Low CH20050

Date: 23/01/2015

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



0 dB = 0.210 W/kg = -6.78 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 51.798$; $\rho = 1000$ 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- Low/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.222 W/kg

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

Reference Value = 6.991 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.288 W/kg

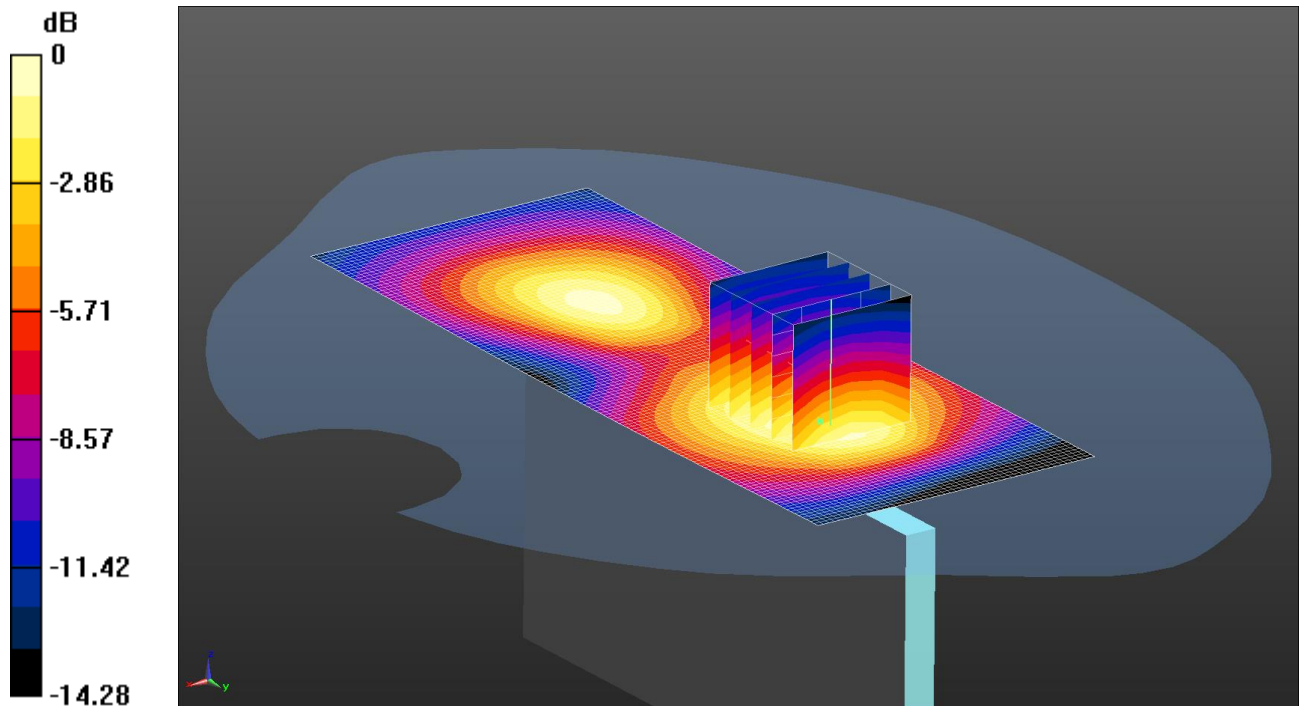
SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.210 W/kg

138: Right Hand Side of EUT Facing Phantom LTE Band 4 20MHz BW 1RB Low CH20050

Date: 23/01/2015

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



0 dB = 0.145 W/kg = -8.39 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 51.798$; $\rho = 1000$ 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- Low/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.154 W/kg

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

Reference Value = 5.608 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.194 W/kg

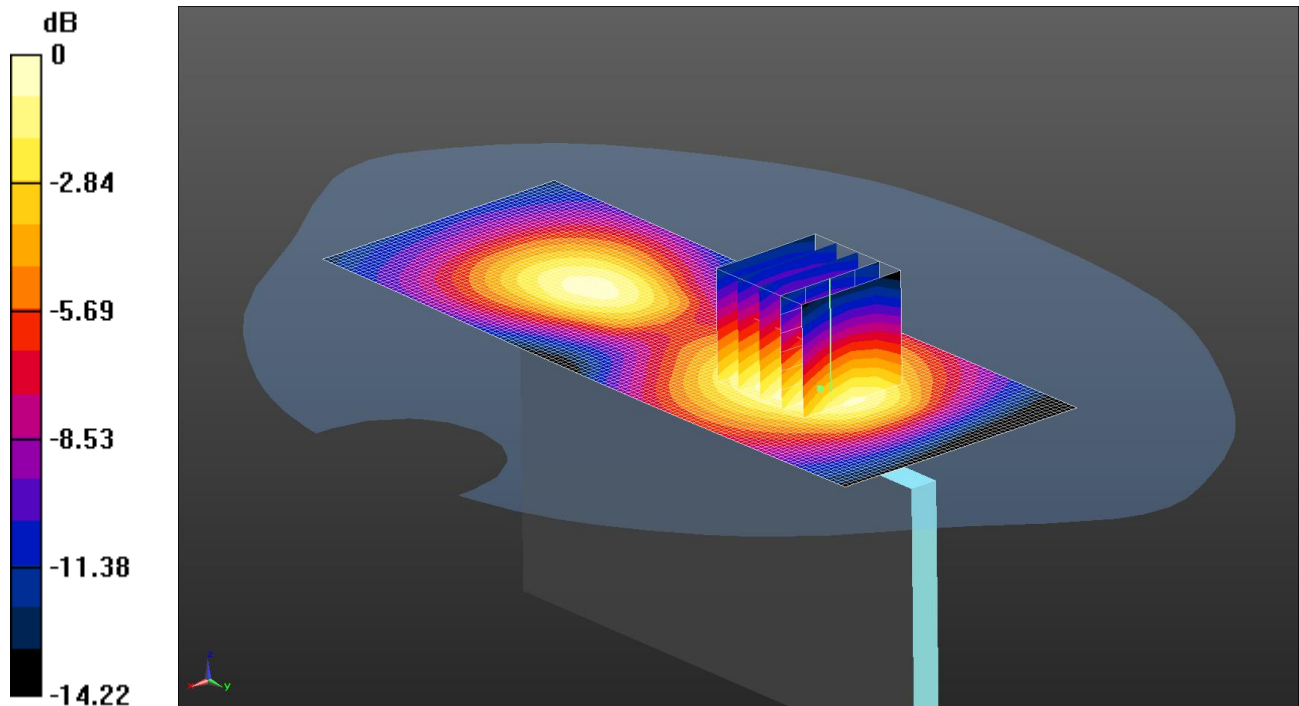
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.145 W/kg

139: Right Hand Side of EUT Facing Phantom LTE Band 4 20MHz BW 50%RB Low CH20050

Date: 23/01/2015

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



0 dB = 0.144 W/kg = -8.42 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 51.798$; $\rho = 1000$ 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- Low/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.154 W/kg

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

Reference Value = 5.526 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.193 W/kg

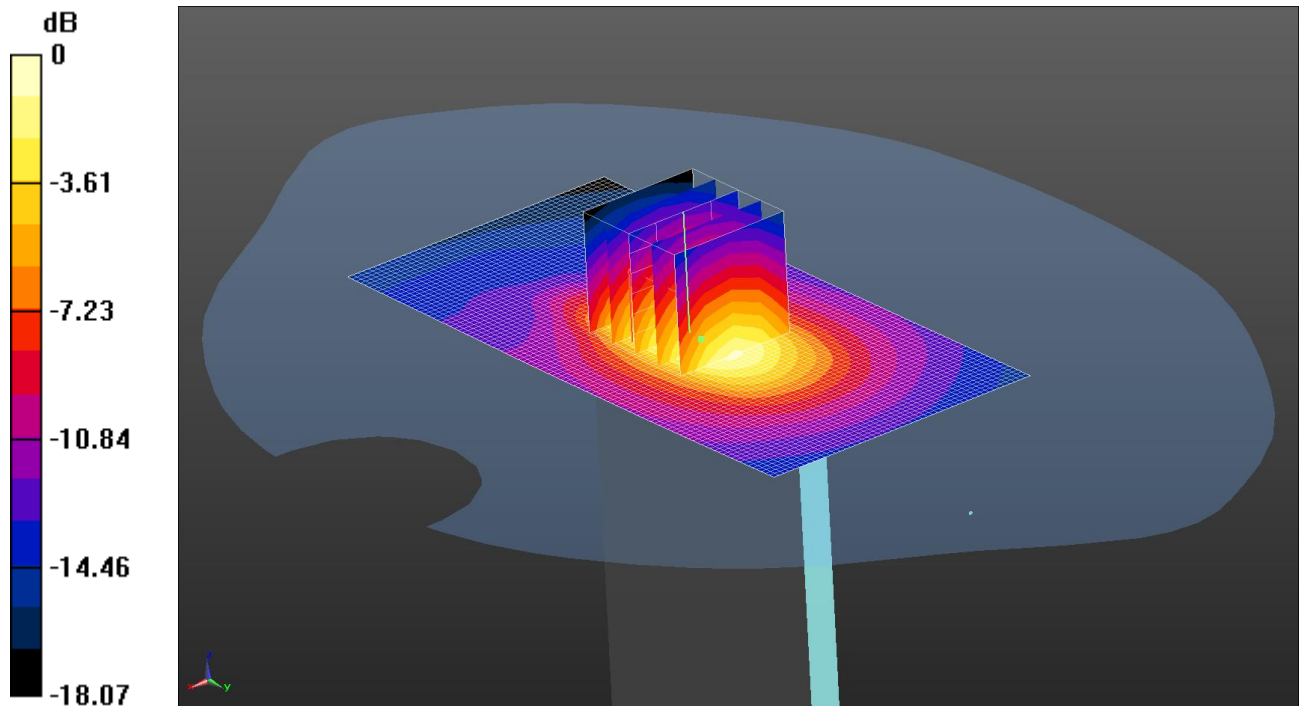
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.086 W/kg

Maximum value of SAR (measured) = 0.144 W/kg

140: Bottom of EUT Facing Phantom LTE Band 4 20MHz BW 1RB Low CH20050

Date: 23/01/2015

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



0 dB = 0.394 W/kg = -4.05 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 51.798$; $\rho = 1000$ 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- Low/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 16.817 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.541 W/kg

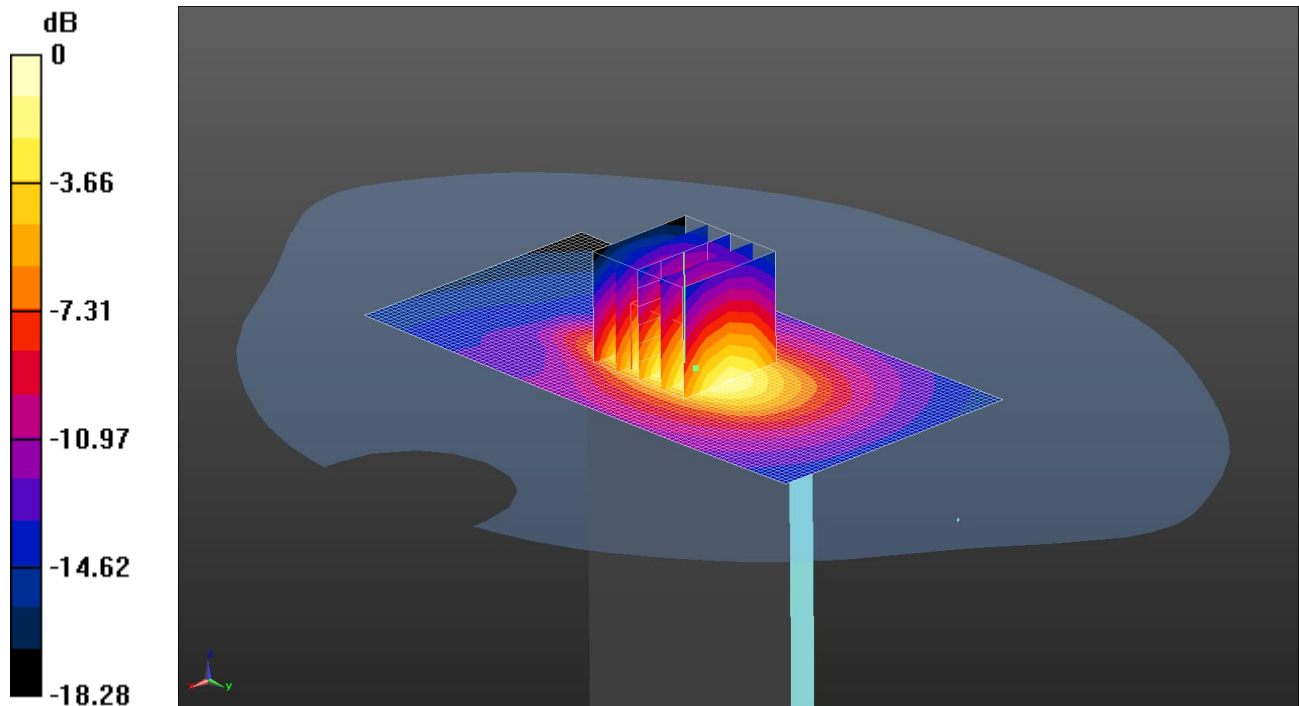
SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.197 W/kg

Maximum value of SAR (measured) = 0.394 W/kg

141: Bottom of EUT Facing Phantom LTE Band 4 20MHz BW 50%RB Low CH20050

Date: 23/01/2015

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



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

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 51.798$; $\rho = 1000$ 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- Low/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.436 W/kg

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

Reference Value = 17.179 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.577 W/kg

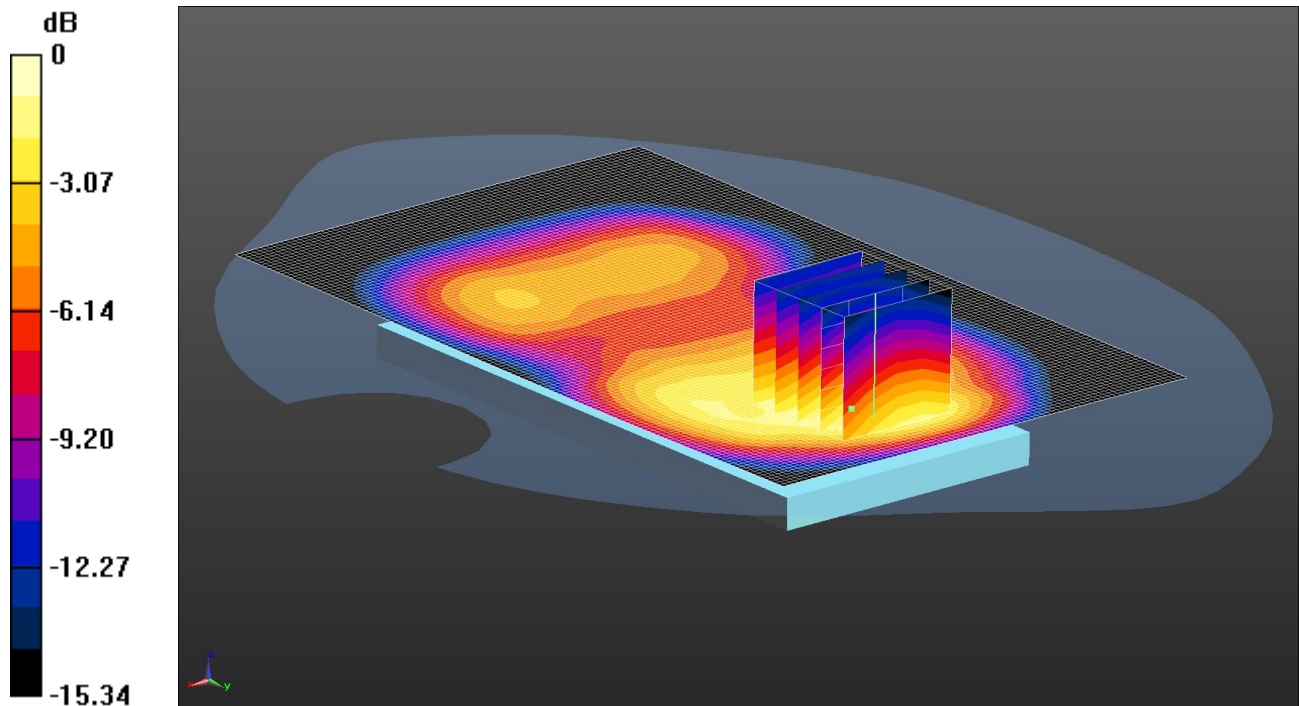
SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.419 W/kg

142: Front of EUT Facing Phantom LTE Band 4 20MHz BW 50%RB Low CH20175

Date: 23/01/2015

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



0 dB = 0.538 W/kg = -2.69 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.752$; $\rho = 1000$ 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) = 0.527 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 = 9.235 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.764 W/kg

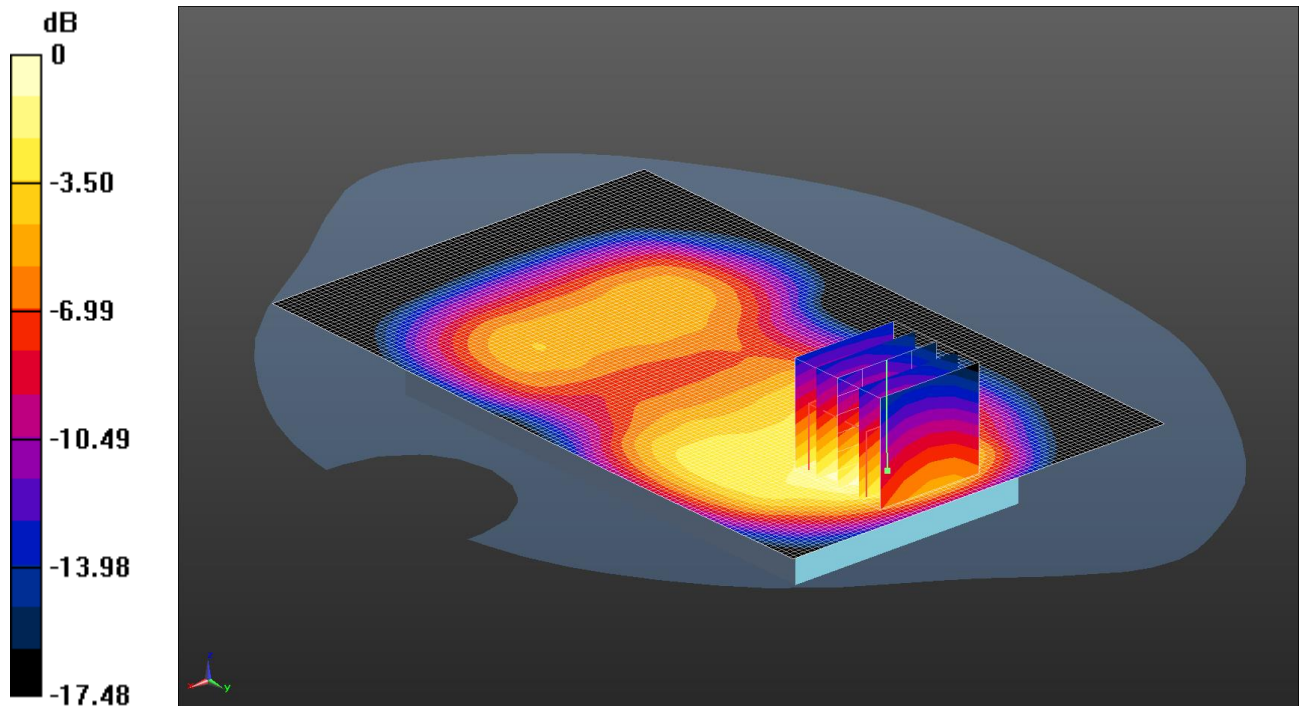
SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.295 W/kg

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

143: Front of EUT Facing Phantom LTE Band 4 20MHz BW 50%RB Low CH20300

Date: 23/01/2015

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



0 dB = 0.592 W/kg = -2.28 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.517$ S/m; $\epsilon_r = 51.706$; $\rho = 1000$ 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) = 0.548 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 = 9.291 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.814 W/kg

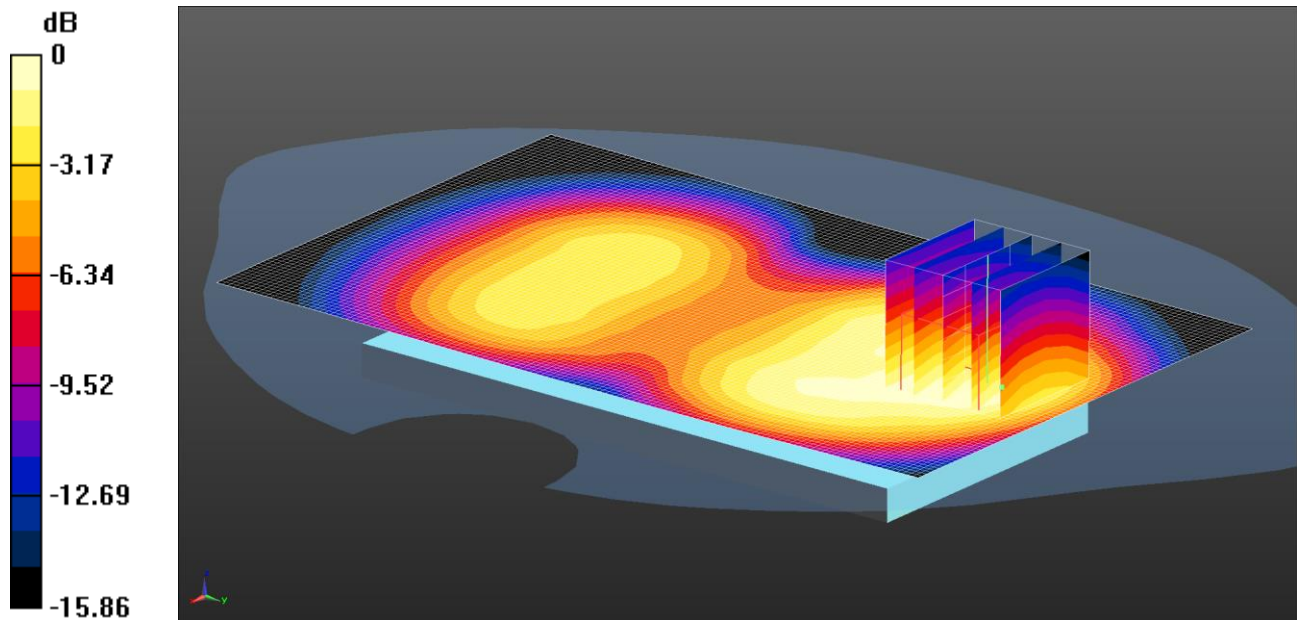
SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.592 W/kg

144: Front of EUT Facing Phantom at 15mm LTE Band 4 20MHz BW 1RB Mid CH20175

Date: 23/01/2015

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



0 dB = 0.429 W/kg = -3.68 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.752$; $\rho = 1000$ 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) = 0.435 W/kg

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

Reference Value = 9.229 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.581 W/kg

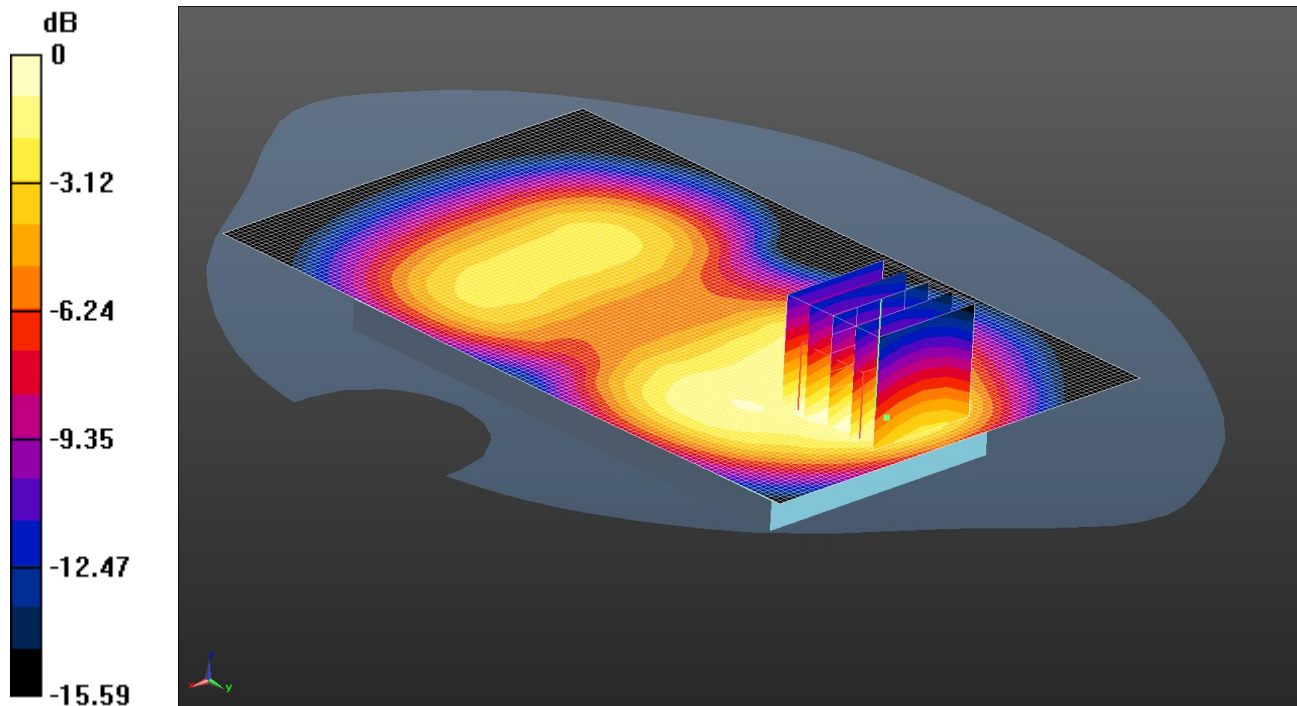
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.246 W/kg

Maximum value of SAR (measured) = 0.429 W/kg

145: Front of EUT Facing Phantom at 15mm LTE Band 4 20MHz BW 50%RB Mid CH20175

Date: 23/01/2015

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



0 dB = 0.359 W/kg = -4.45 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.752$; $\rho = 1000$ 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) = 0.348 W/kg

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

Reference Value = 8.343 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.484 W/kg

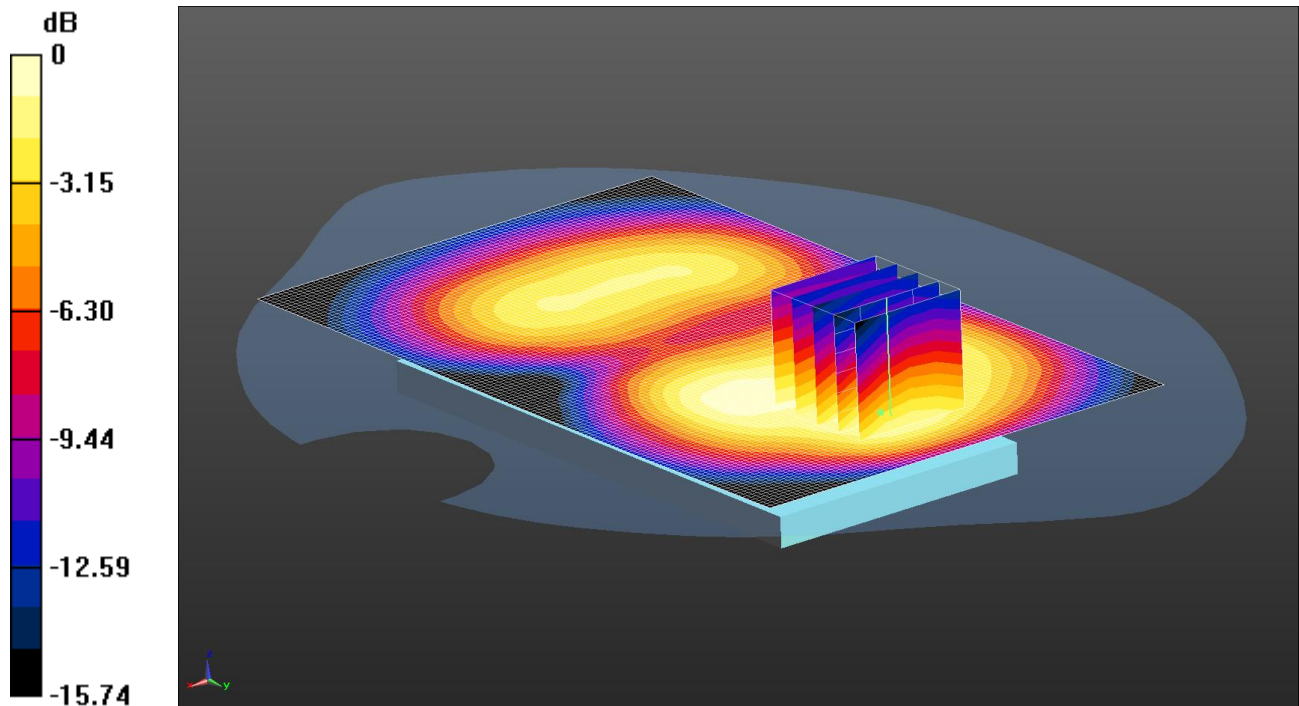
SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 0.359 W/kg

146: Back of EUT Facing Phantom at 15mm LTE Band 4 20MHz BW 1RB Mid CH20175

Date: 23/01/2015

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



0 dB = 0.379 W/kg = -4.21 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.752$; $\rho = 1000$ 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) = 0.388 W/kg

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

Reference Value = 8.807 V/m; Power Drift = -0.27 dB

Peak SAR (extrapolated) = 0.516 W/kg

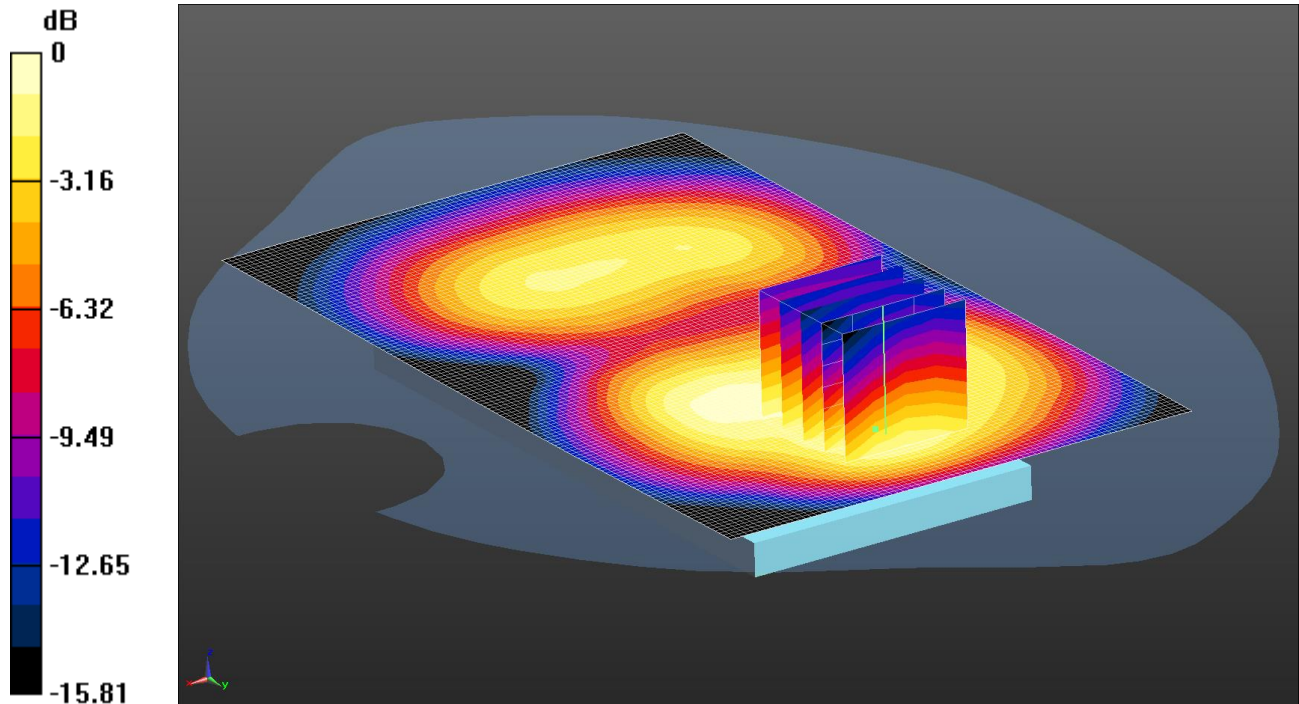
SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.209 W/kg

Maximum value of SAR (measured) = 0.379 W/kg

147: Back of EUT Facing Phantom at 15mm LTE Band 4 20MHz BW 50%RB Mid CH20175

Date: 23/01/2015

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



0 dB = 0.312 W/kg = -5.06 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.752$; $\rho = 1000$ 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) = 0.323 W/kg

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

Reference Value = 7.812 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.418 W/kg

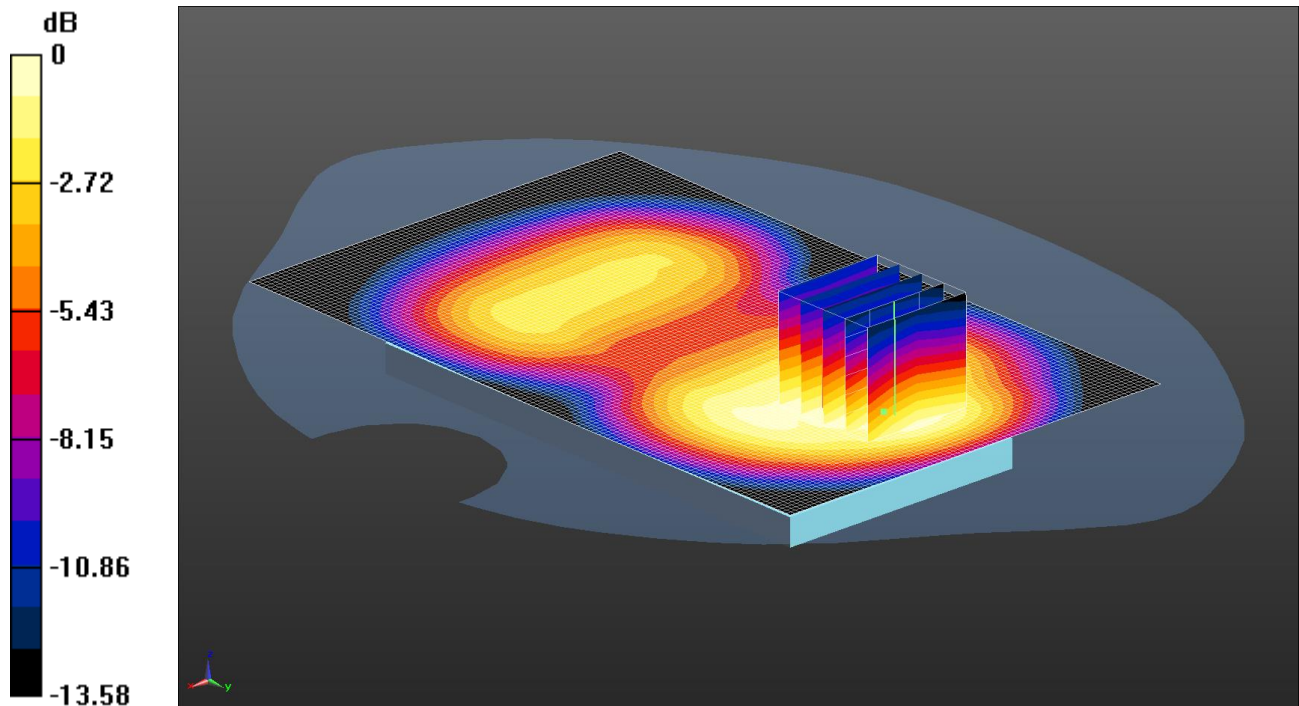
SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.312 W/kg

148: Front of EUT Facing Phantom at 15mm LTE Band 4 20MHz BW 1RB Mid CH20050

Date: 23/01/2015

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



0 dB = 0.434 W/kg = -3.63 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 51.798$; $\rho = 1000$ 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) = 0.442 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 = 9.328 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.568 W/kg

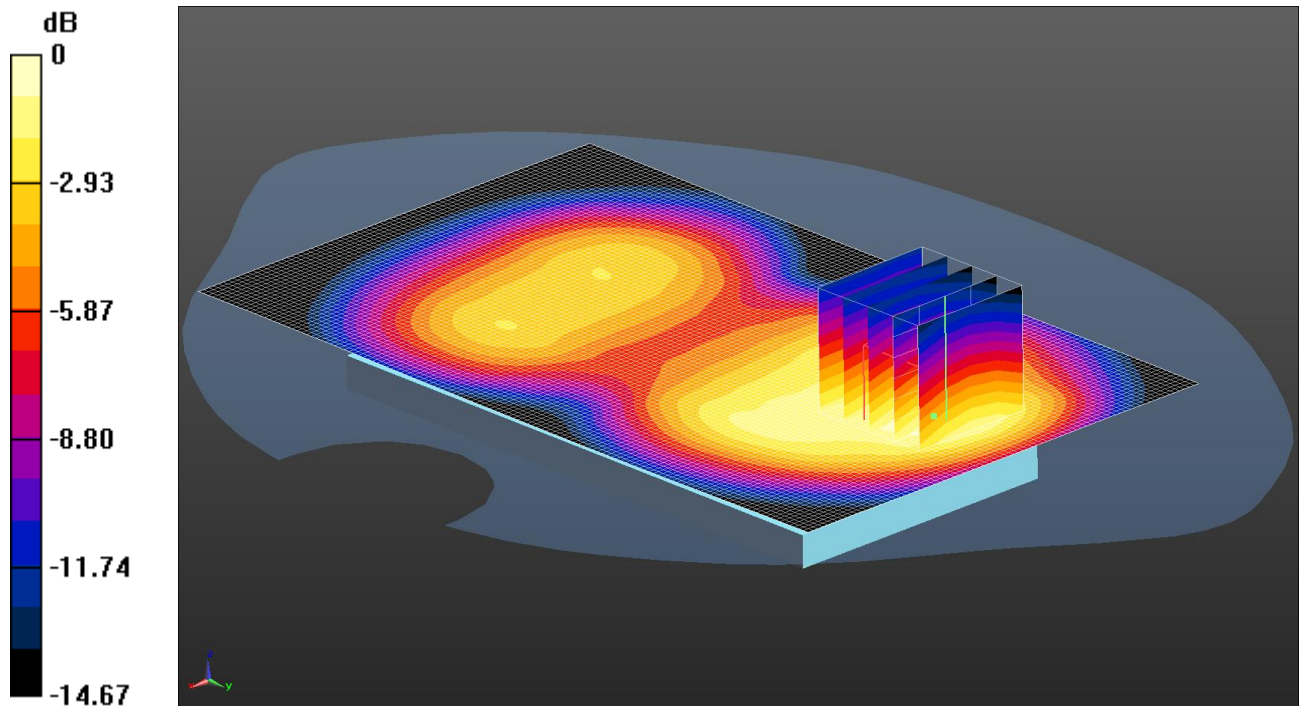
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (measured) = 0.434 W/kg

149: Front of EUT Facing Phantom at 15mm LTE Band 4 20MHz BW 1RB Mid CH20300

Date: 23/01/2015

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



0 dB = 0.461 W/kg = -3.36 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.517$ S/m; $\epsilon_r = 51.706$; $\rho = 1000$ 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) = 0.426 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 = 9.676 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.621 W/kg

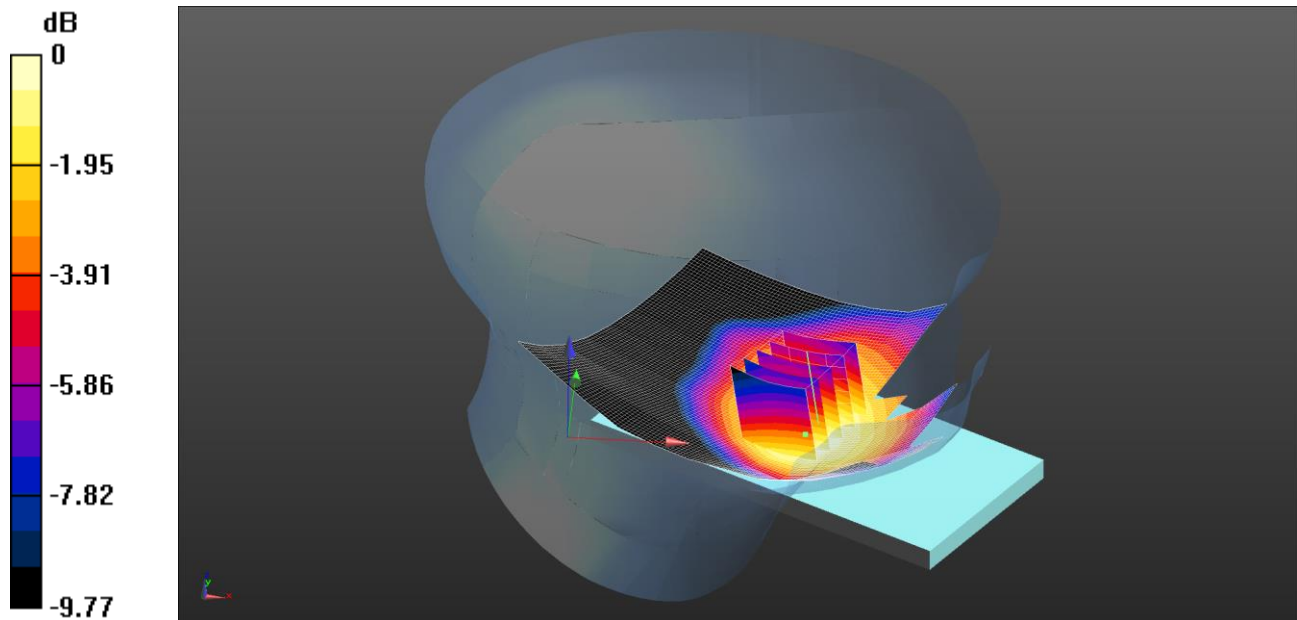
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (measured) = 0.461 W/kg

150: Touch Left of EUT Facing Phantom LTE Band 5 1RB High CH20525

Date: 23/01/2015

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



0 dB = 0.288 W/kg = -5.41 dBW/kg

Communication System: UID 0 - n/a, LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 41.541$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28); Calibrated: 22/05/2014;
- 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
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right - Low 2/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 4.562 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.340 W/kg

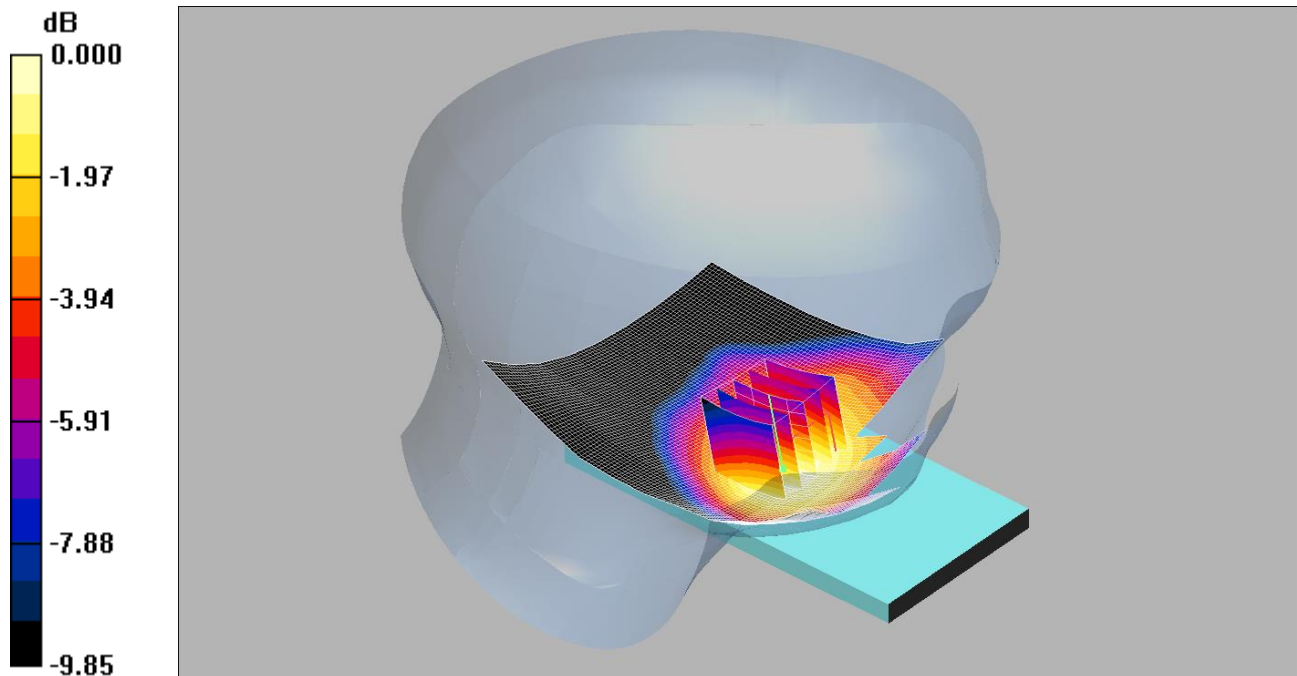
SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 0.288 W/kg

151: Touch Left of EUT Facing Phantom LTE Band 5 25RB High CH20450

Date: 23/01/2015

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



Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ 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, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 0.224 mW/g

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

Reference Value = 4.06 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.262 W/kg

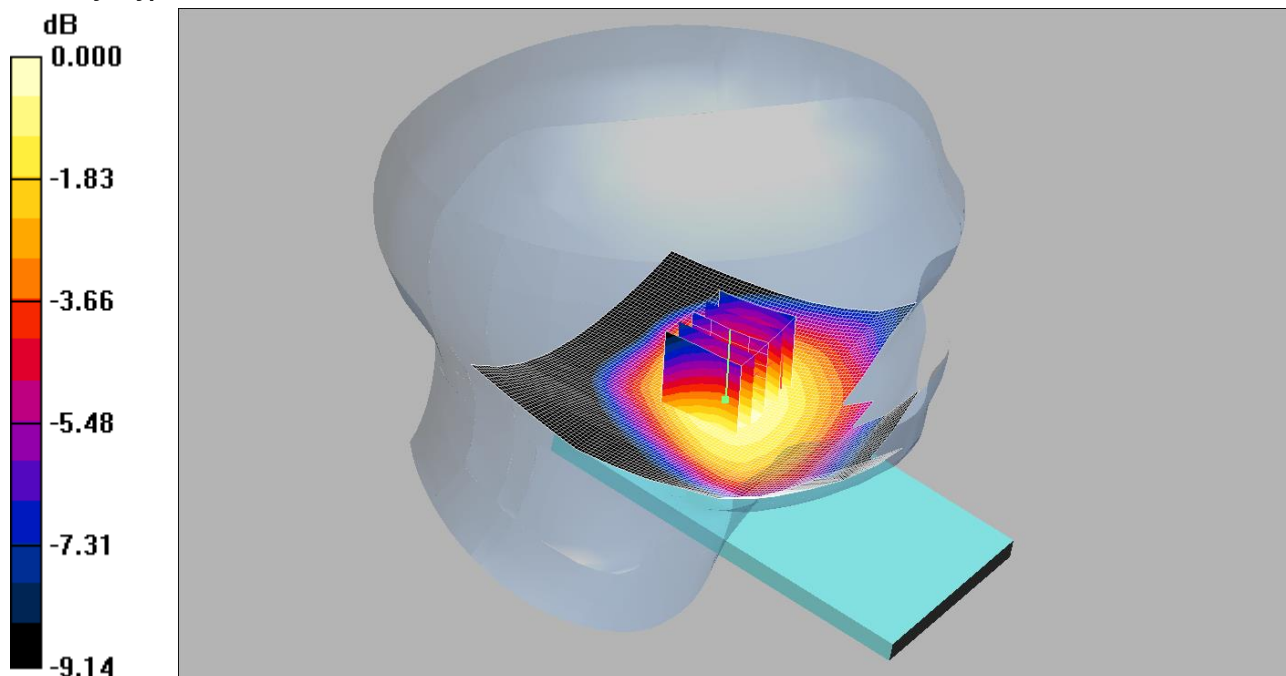
SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.223 mW/g

152: Tilt Left of EUT Facing Phantom LTE Band 5 1RB High CH20525

Date: 23/01/2015

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



0 dB = 0.154mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ 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) = 0.154 mW/g

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

Reference Value = 7.39 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.174 W/kg

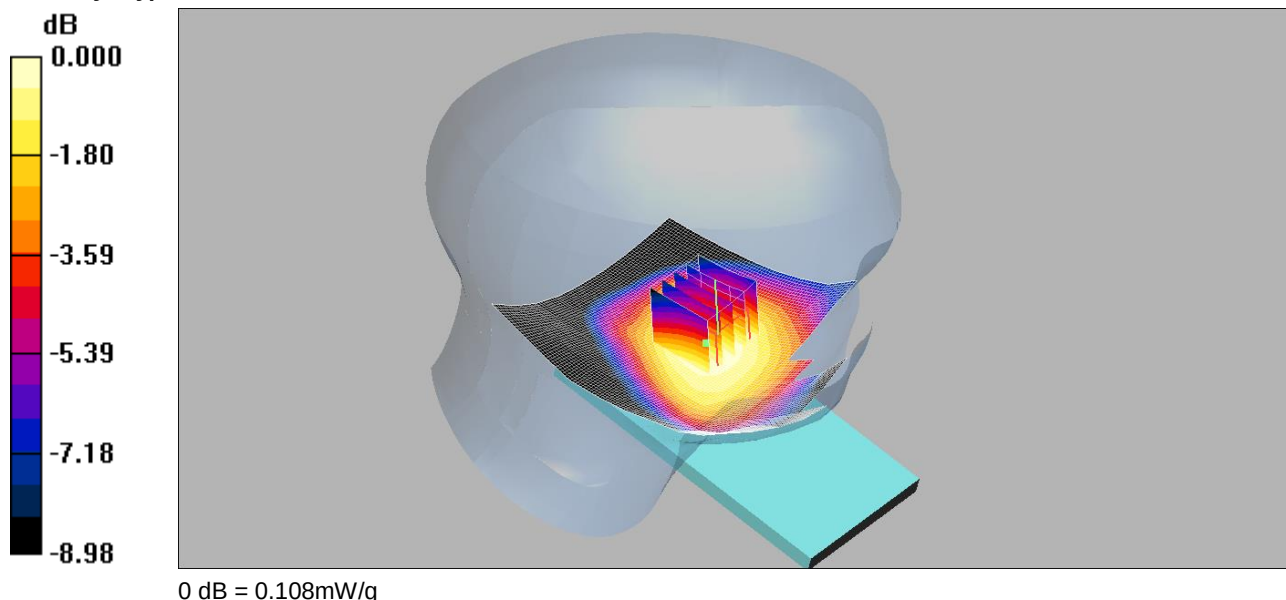
SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.154 mW/g

153: Tilt Left of EUT Facing Phantom LTE Band 5 25RB High CH20450

Date: 23/01/2015

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



Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ 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, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

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

Reference Value = 6.29 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.126 W/kg

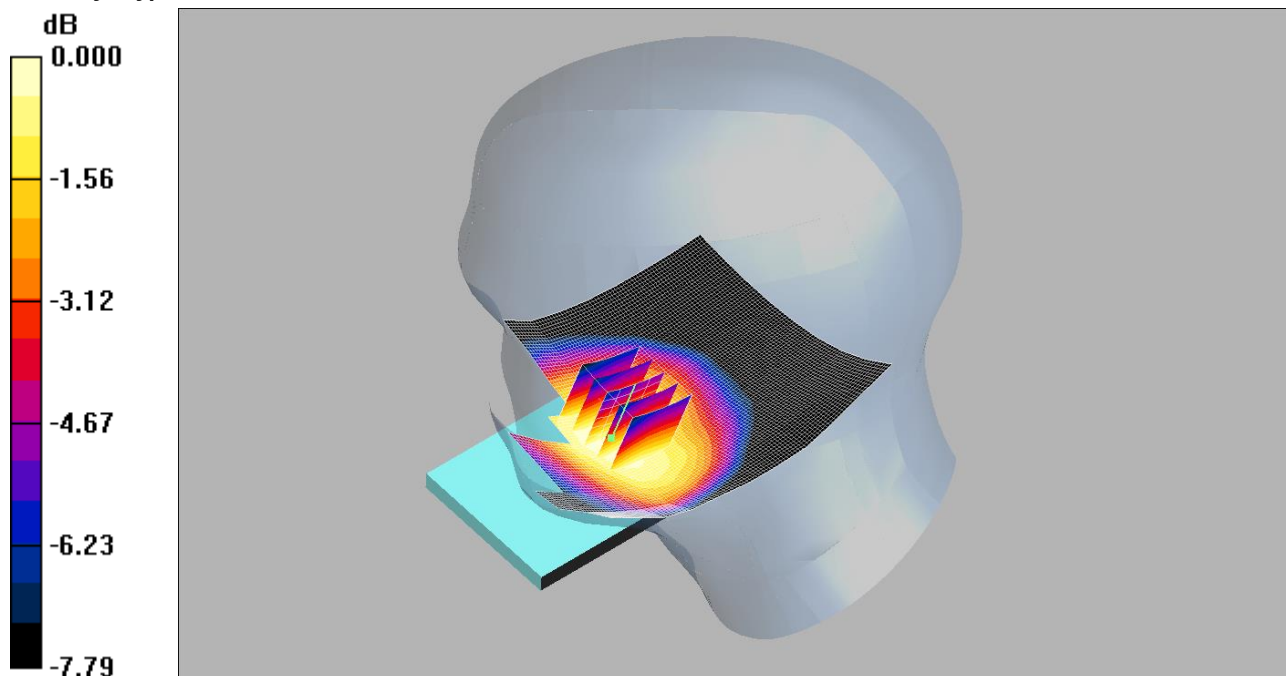
SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.108 mW/g

154: Touch Right of EUT Facing Phantom LTE Band 5 1RB High CH20525

Date: 23/01/2015

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



0 dB = 0.266mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ 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 - Low 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.267 mW/g

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

Reference Value = 4.91 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.309 W/kg

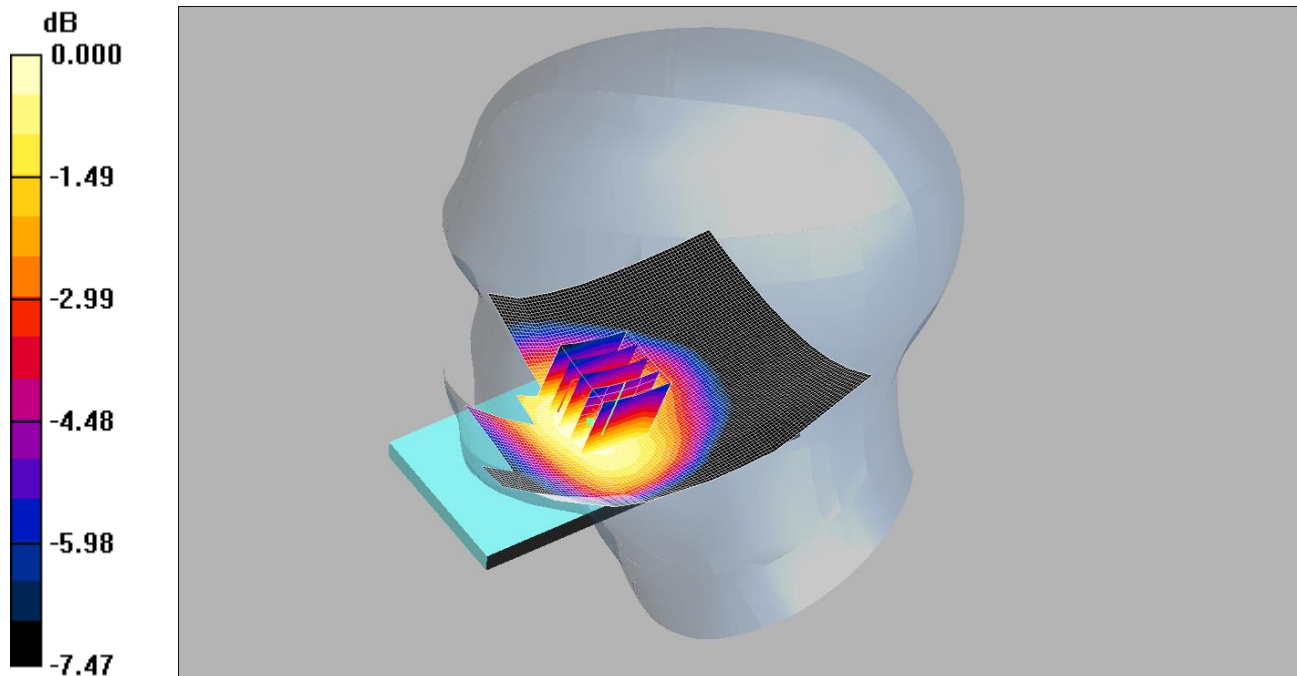
SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.266 mW/g

155: Touch Right of EUT Facing Phantom LTE Band 5 25RB High CH20450

Date: 23/01/2015

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



0 dB = 0.207mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.891$ 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 - Low 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.206 mW/g

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

Reference Value = 4.70 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.241 W/kg

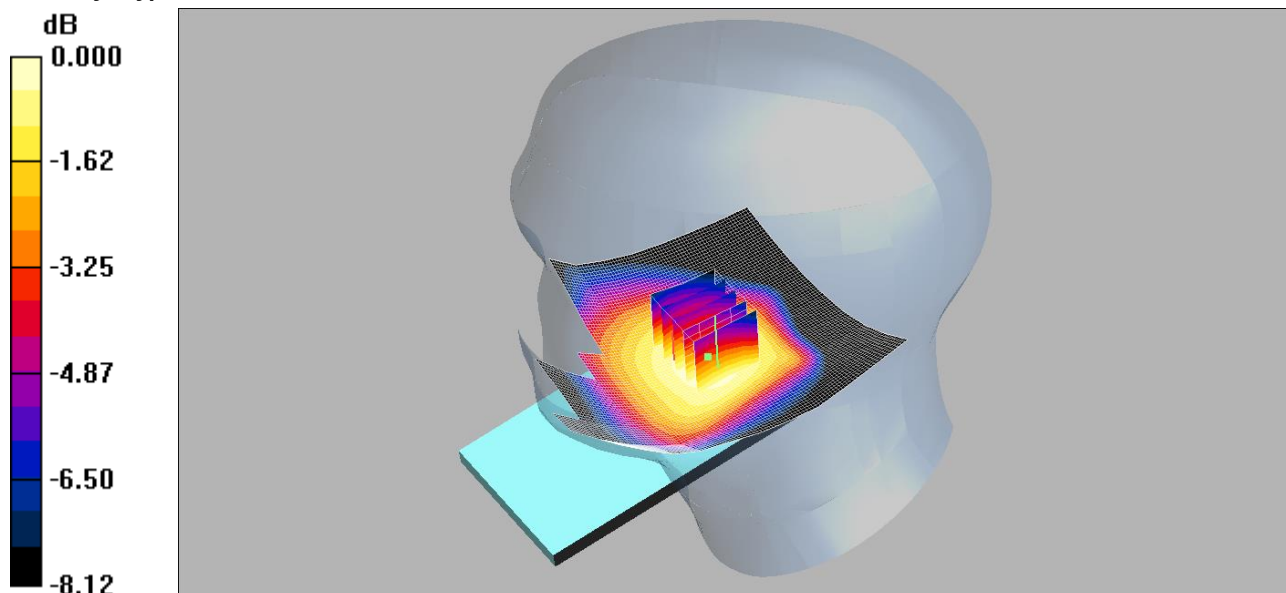
SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.157 mW/g

Maximum value of SAR (measured) = 0.207 mW/g

156: Tilt Right of EUT Facing Phantom LTE Band 5 1RB High CH20525

Date: 23/01/2015

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



0 dB = 0.133mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ 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 - Low 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.137 mW/g

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

Reference Value = 8.75 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.153 W/kg

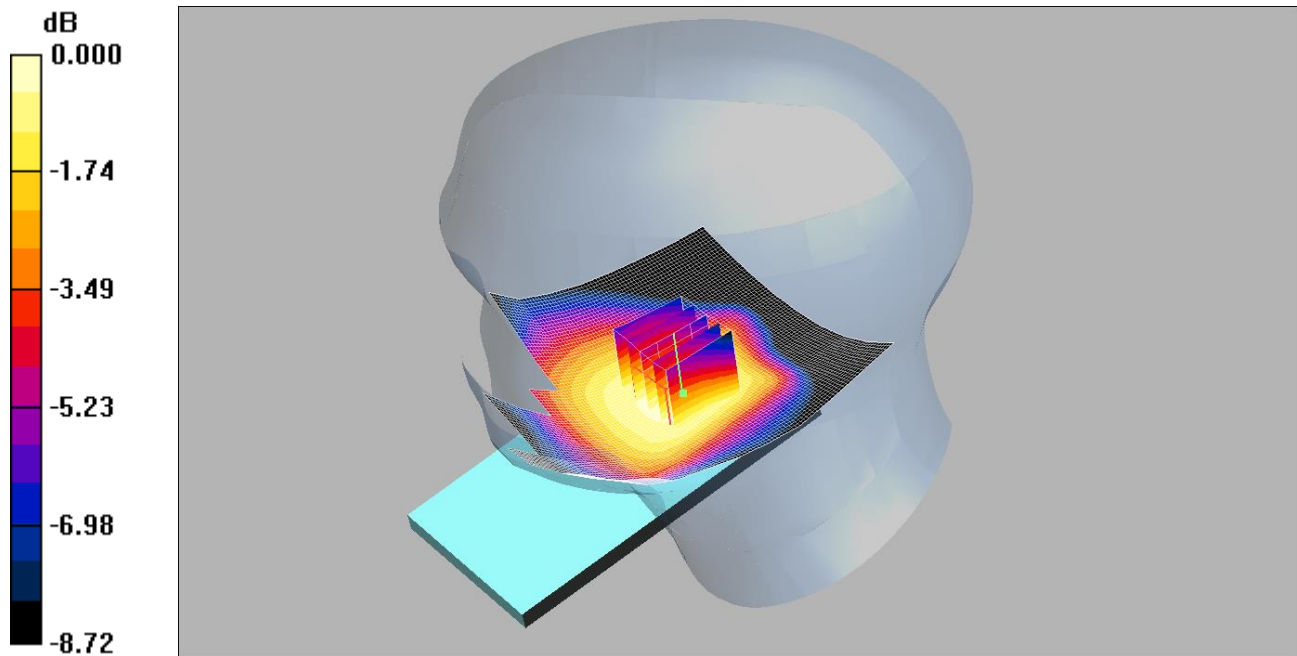
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.133 mW/g

157: Tilt Right of EUT Facing Phantom LTE Band 5 25RB High CH20450

Date: 23/01/2015

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



0 dB = 0.104mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.891$ 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

Tilt Right - Low 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.103 mW/g

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

Reference Value = 7.56 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.120 W/kg

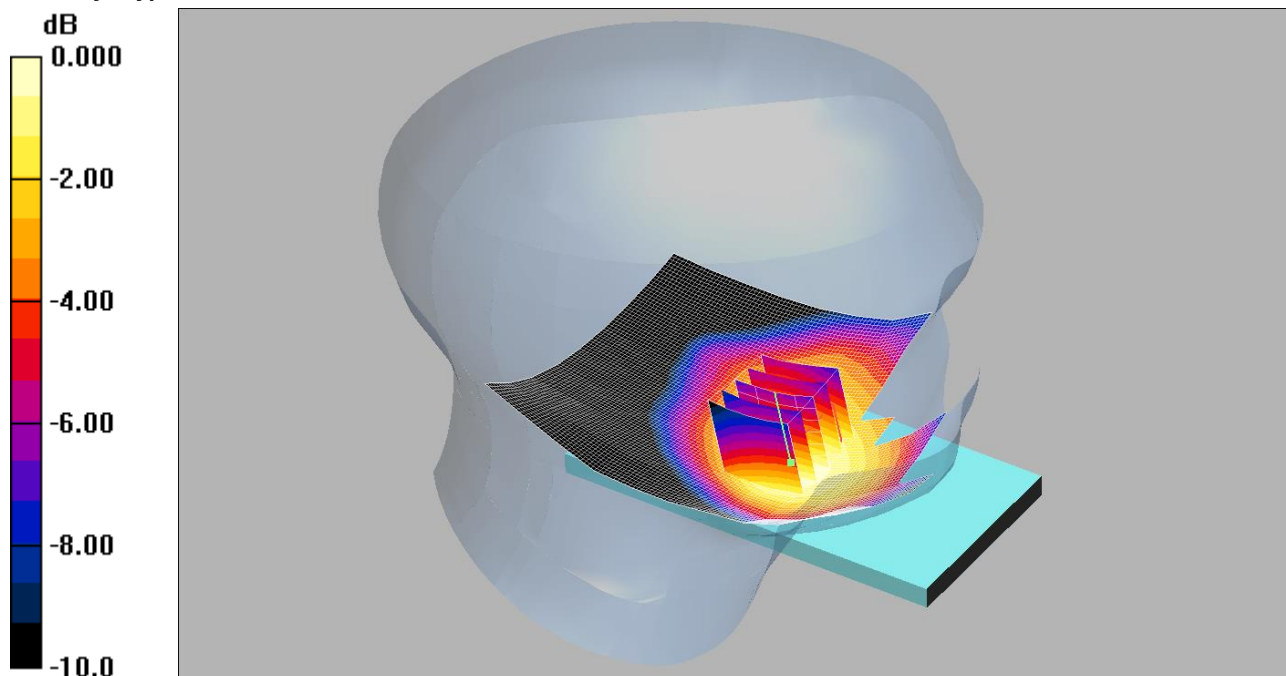
SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.104 mW/g

158: Touch Left of EUT Facing Phantom LTE Band 5 1RB High CH20450

Date: 23/01/2015

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



0 dB = 0.273mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ 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 Right - Low 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.272 mW/g

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

Reference Value = 4.73 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.330 W/kg

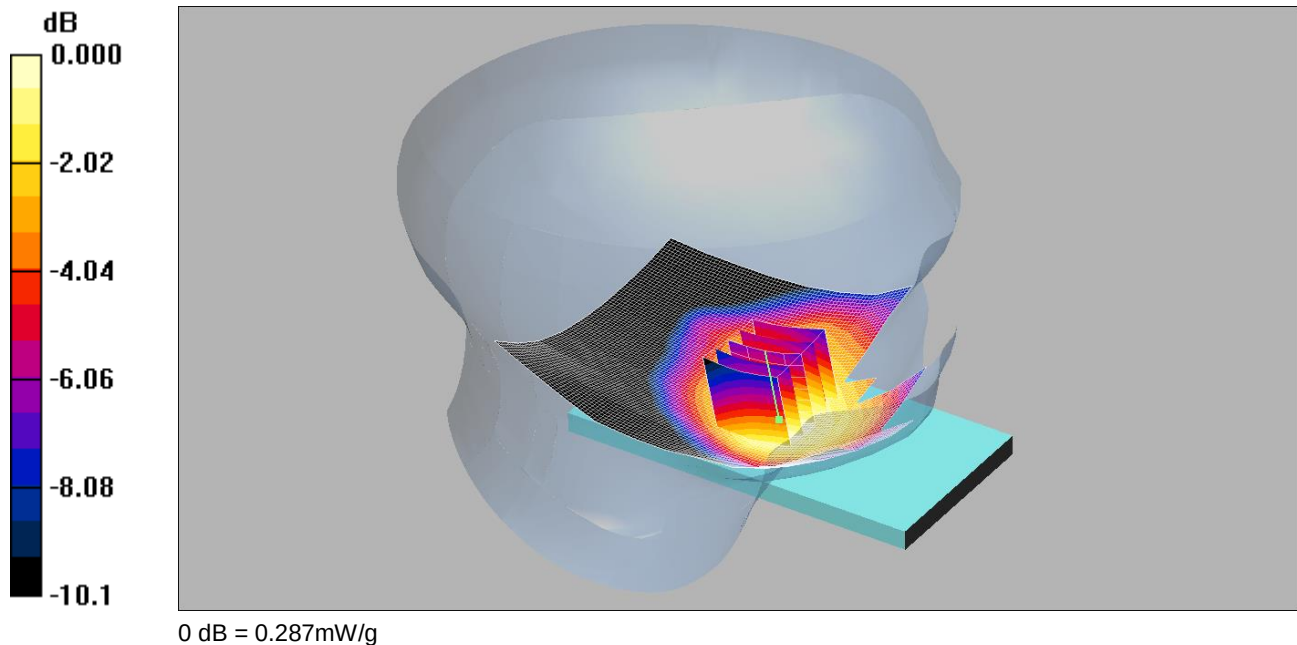
SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.273 mW/g

159: Touch Left of EUT Facing Phantom LTE Band 5 1RB High CH20600

Date: 23/01/2015

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



Communication System: LTE Band 5 / 10MHz; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.9$ 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 Right - Low 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.287 mW/g

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

Reference Value = 4.29 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.348 W/kg

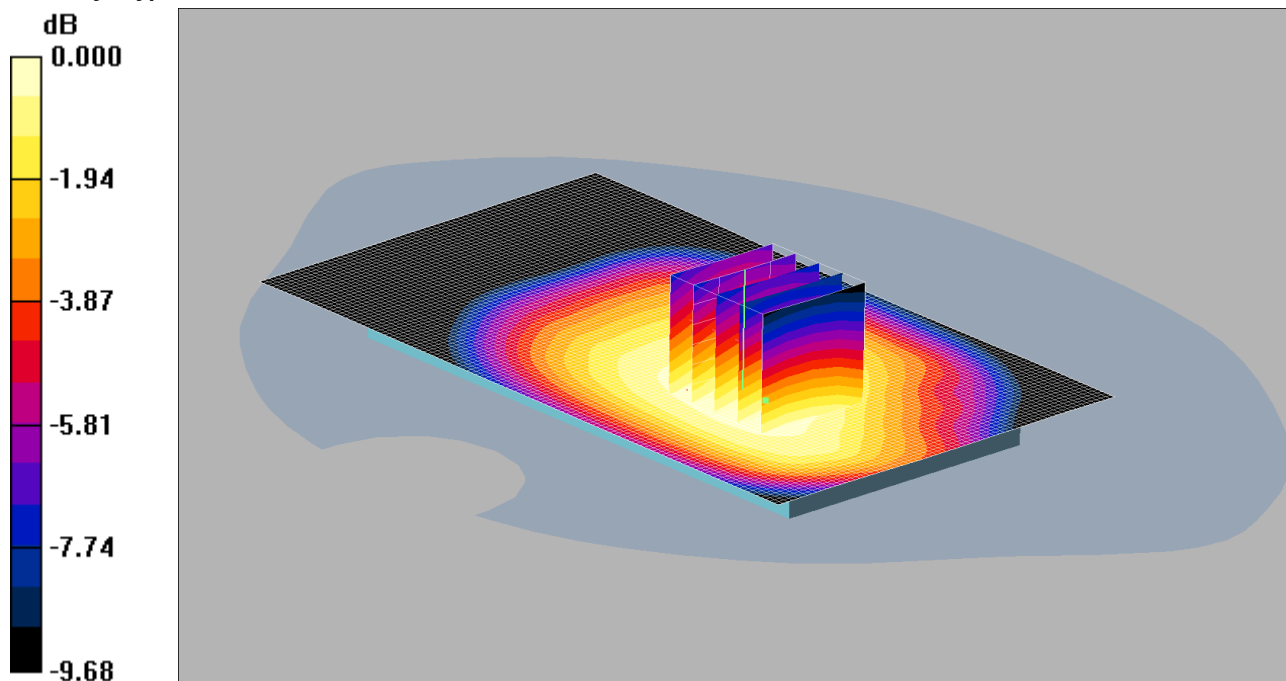
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.287 mW/g

160: Front of EUT Facing Phantom LTE Band 5 1RB High CH 20525

Date: 20/01/2015

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



0 dB = 0.431mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ 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 - 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.433 mW/g

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

Reference Value = 20.7 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.505 W/kg

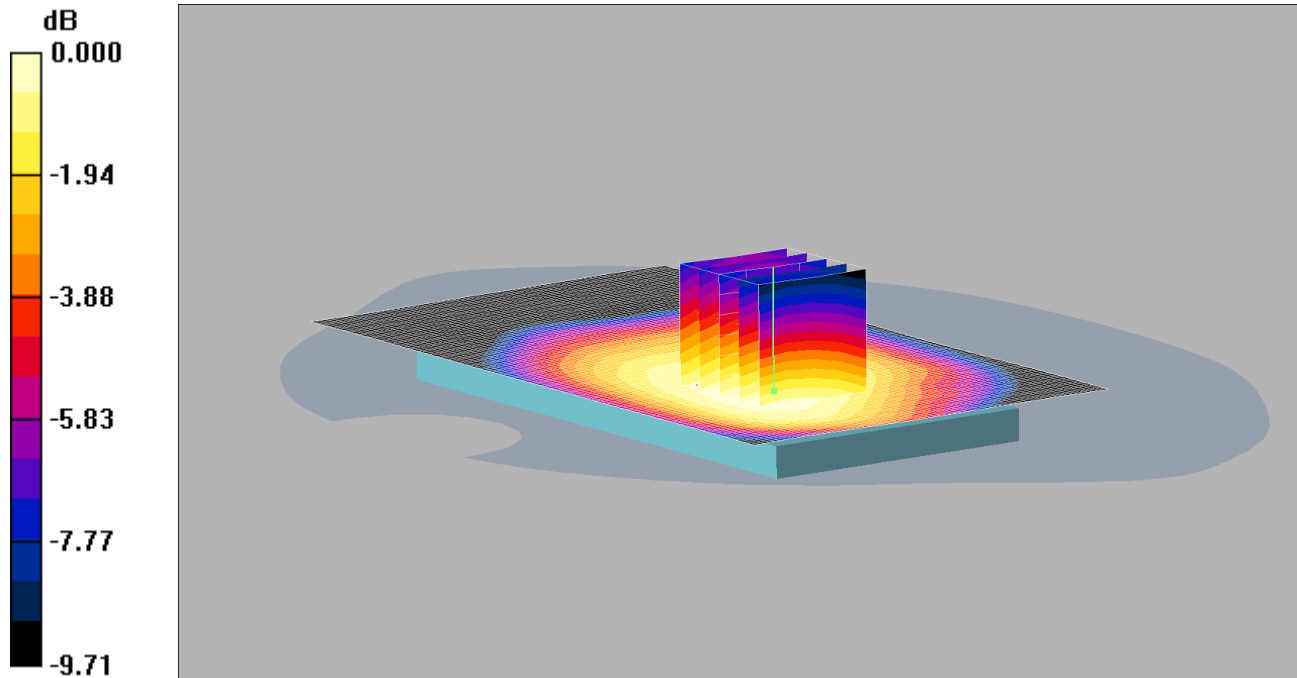
SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.431 mW/g

161: Front of EUT Facing Phantom LTE Band 5 25RB High CH 20450

Date: 20/01/2015

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



0 dB = 0.330mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.984$ 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

Front - 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.333 mW/g

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

Reference Value = 17.9 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.392 W/kg

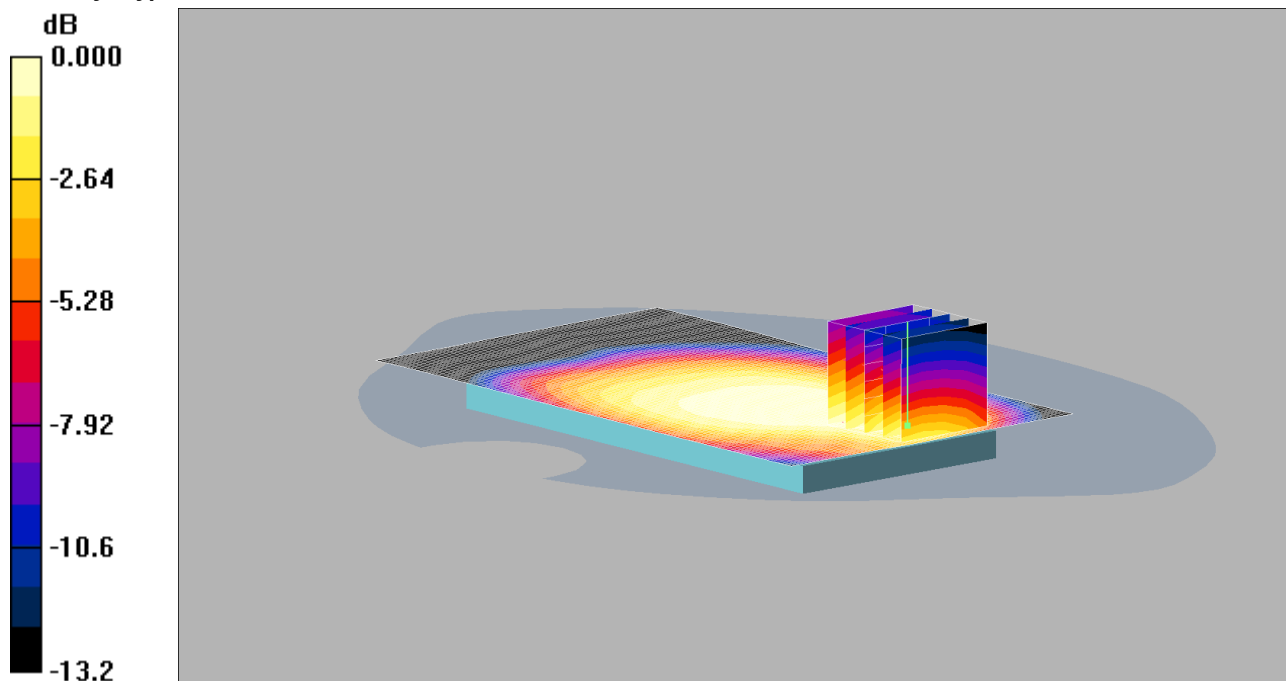
SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 0.330 mW/g

162: Back of EUT Facing Phantom LTE Band 5 1RB High CH 20525

Date: 20/01/2015

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



0 dB = 0.433mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ 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 - 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.476 mW/g

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

Reference Value = 21.3 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.655 W/kg

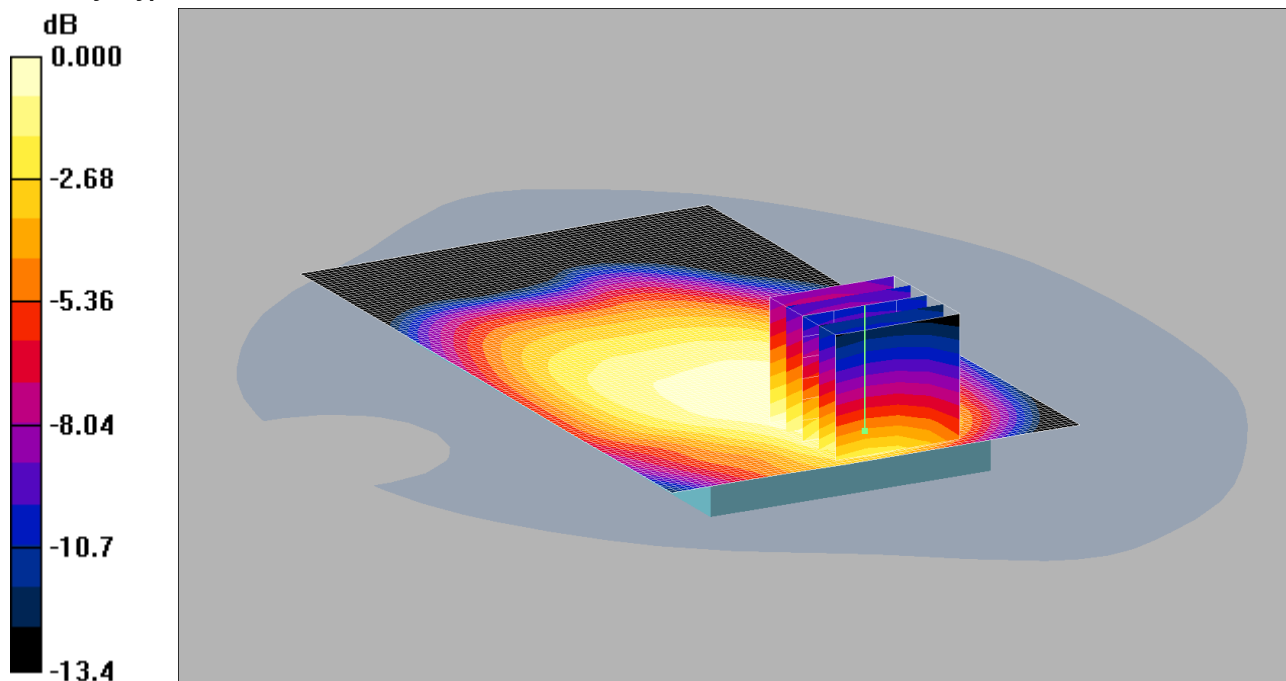
SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.276 mW/g

Maximum value of SAR (measured) = 0.433 mW/g

163: Back of EUT Facing Phantom LTE Band 5 50%RB High CH 20450

Date: 21/01/2015

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



0 dB = 0.348mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.984$ 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 - 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.372 mW/g

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

Reference Value = 18.2 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.506 W/kg

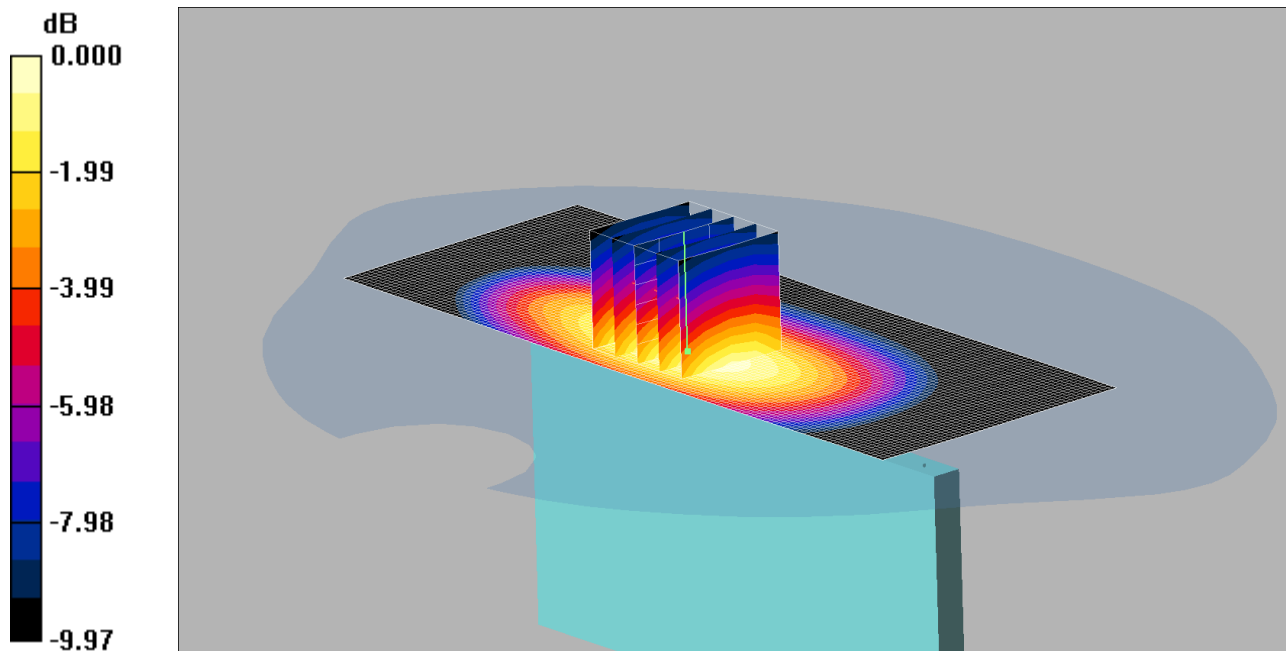
SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.221 mW/g

Maximum value of SAR (measured) = 0.348 mW/g

164: Left of EUT Facing Phantom LTE Band 5 1RB High CH 20525

Date: 21/01/2015

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



0 dB = 0.367mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ 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 - 2 2/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.366 mW/g

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

Reference Value = 17.5 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.478 W/kg

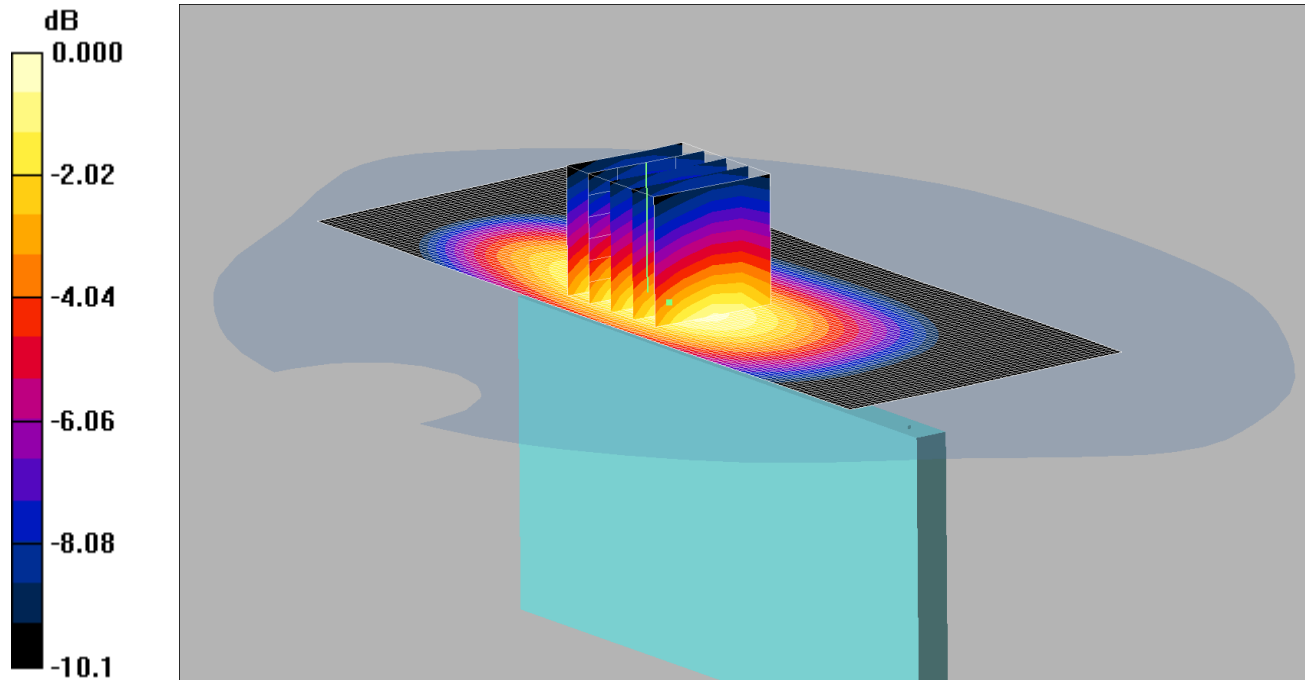
SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.367 mW/g

165: Left of EUT Facing Phantom LTE Band 5 50%RB High CH 20450

Date: 21/01/2015

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



0 dB = 0.268mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.984$ 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 - 2/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.266 mW/g

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

Reference Value = 14.7 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 0.351 W/kg

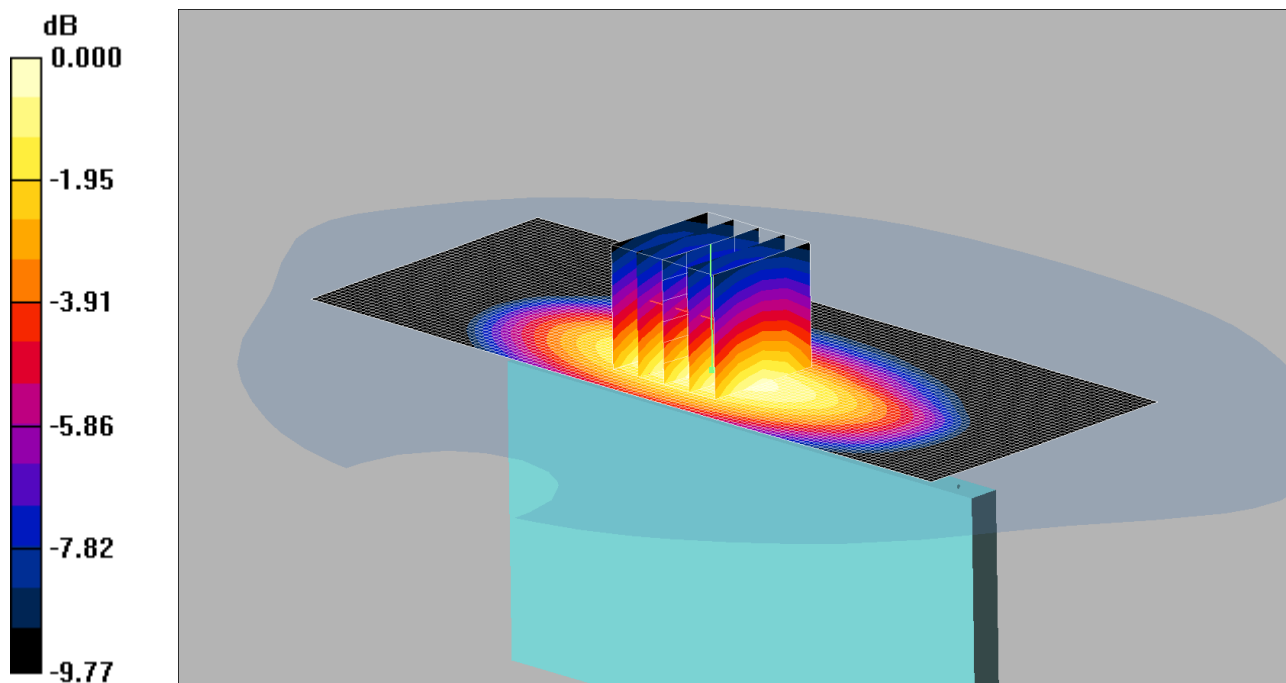
SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.268 mW/g

166: Right of EUT Facing Phantom LTE Band 5 1RB High CH 20525

Date: 21/01/2015

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



0 dB = 0.462mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ 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

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

Maximum value of SAR (interpolated) = 0.444 mW/g

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

Reference Value = 19.3 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.604 W/kg

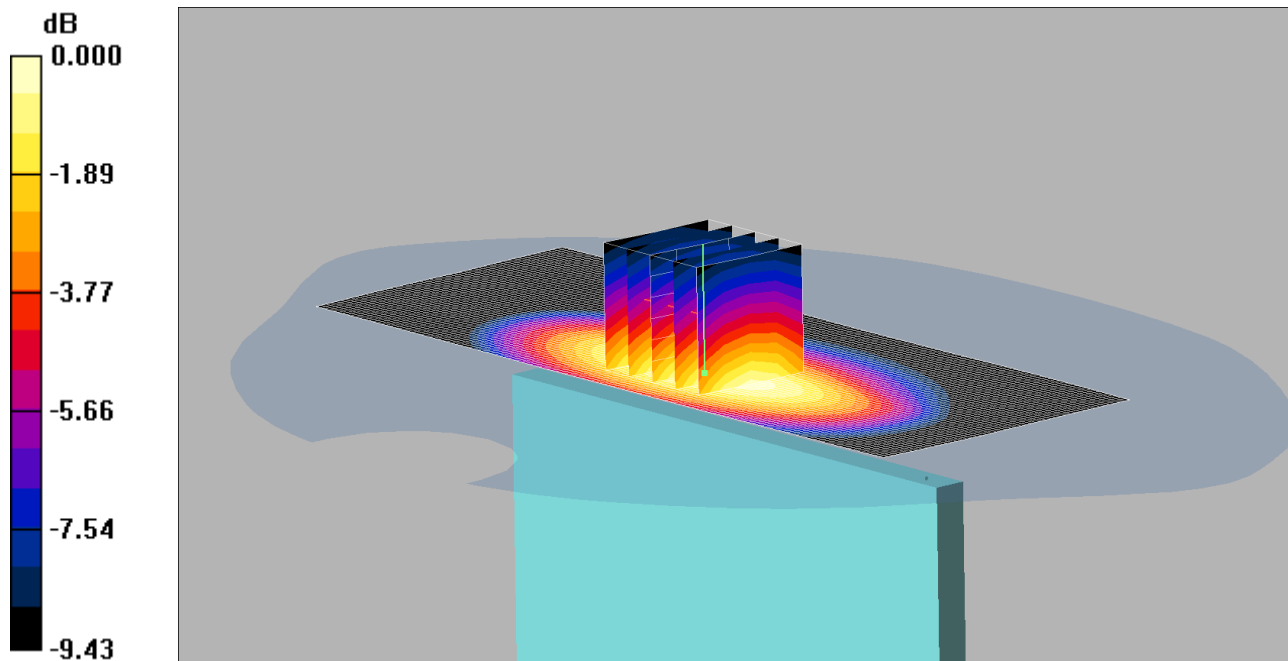
SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 0.462 mW/g

167: Right of EUT Facing Phantom LTE Band 5 25RB High CH 20450

Date: 21/01/2015

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



0 dB = 0.286mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.984$ 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

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

Maximum value of SAR (interpolated) = 0.283 mW/g

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

Reference Value = 15.7 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.370 W/kg

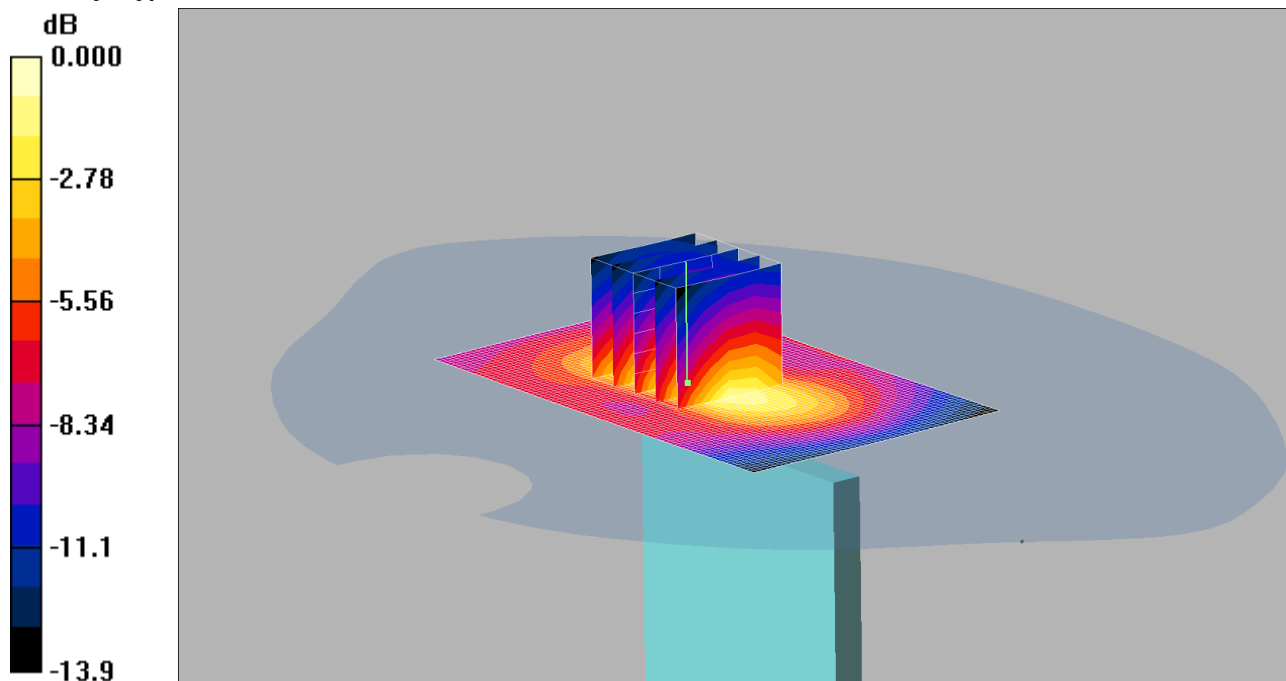
SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.286 mW/g

168: Bottom of EUT Facing Phantom LTE Band 5 1RB High CH 20525

Date: 21/01/2015

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



0 dB = 0.083mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ 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

Bottom 2/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.076 mW/g

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

Reference Value = 7.38 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.137 W/kg

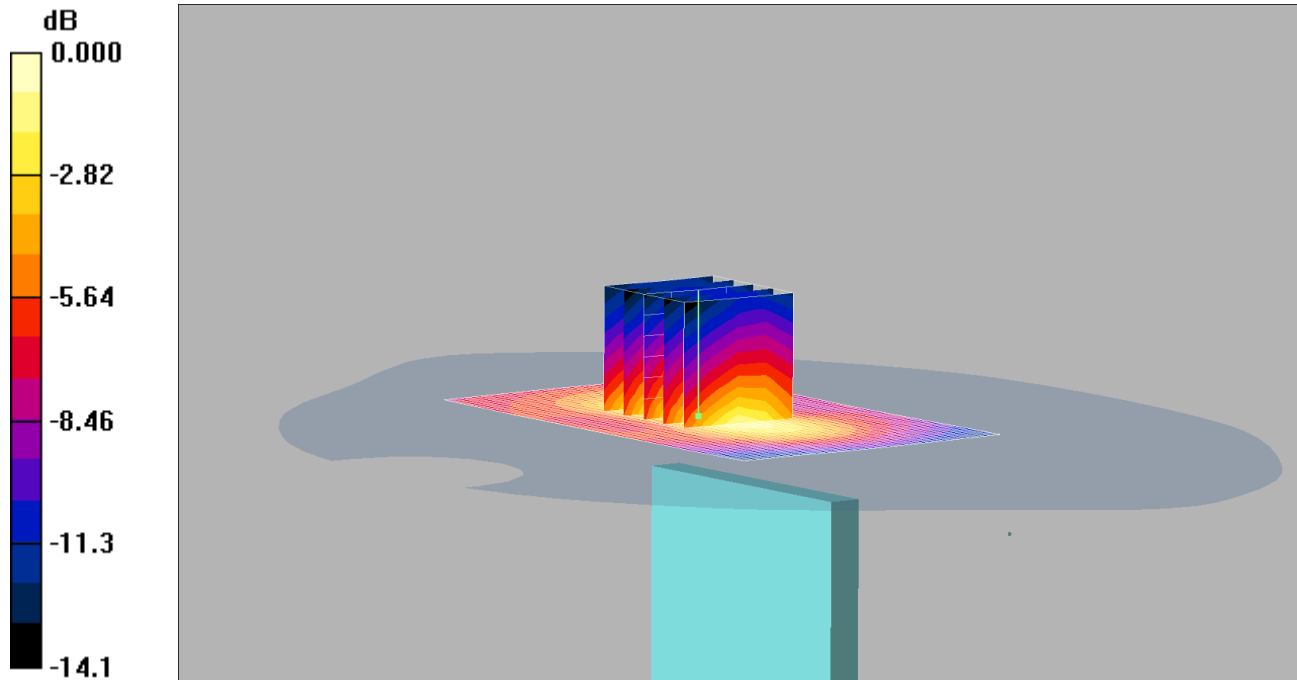
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.083 mW/g

169: Bottom of EUT Facing Phantom LTE Band 5 25RB High CH 20450

Date: 21/01/2015

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



0 dB = 0.062mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.984$ 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

Bottom/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.058 mW/g

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

Reference Value = 6.45 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.105 W/kg

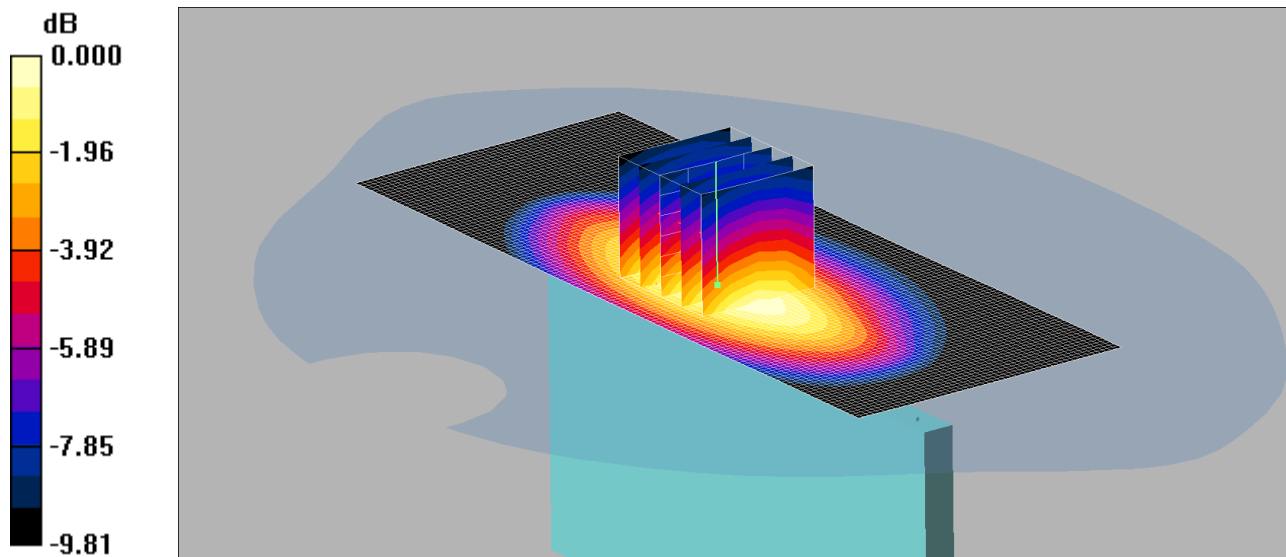
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.062 mW/g

170: Right of EUT Facing Phantom LTE Band 5 1RB High CH 20450

Date: 21/01/2015

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



0 dB = 0.423mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.984$ 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

Right 2/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.437 mW/g

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

Reference Value = 19.8 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.537 W/kg

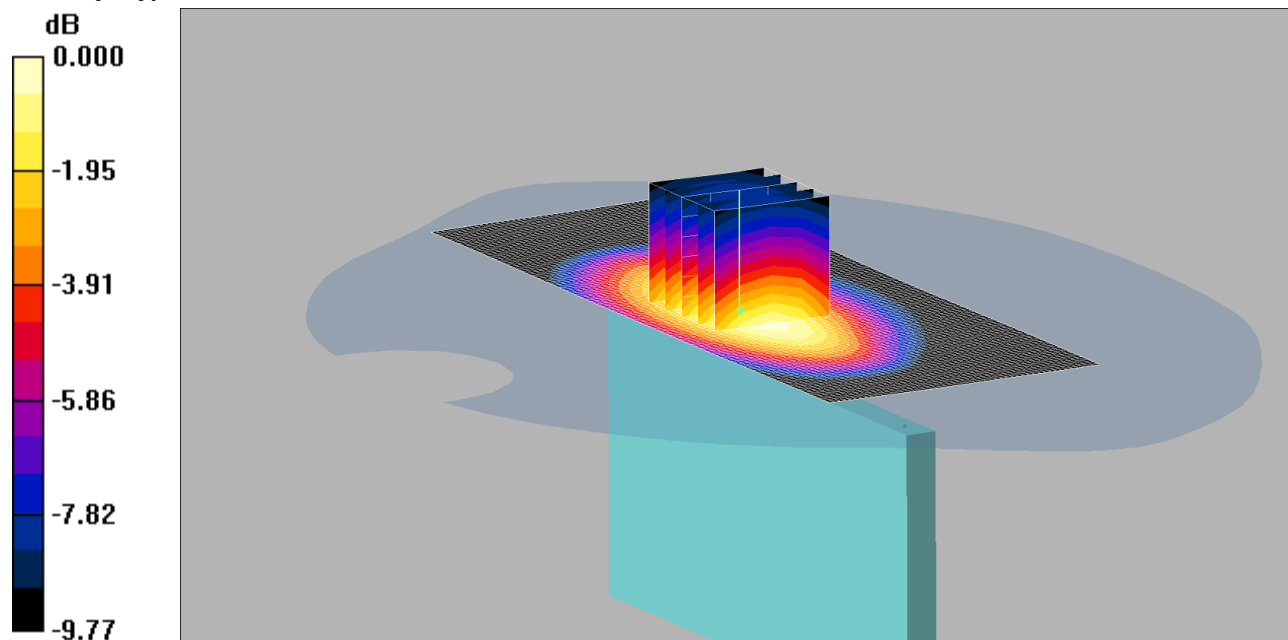
SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 0.423 mW/g

171: Right of EUT Facing Phantom LTE Band 5 1RB High CH 20600

Date: 21/01/2015

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



0 dB = 0.503mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.993$ 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

Right 2/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.502 mW/g

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

Reference Value = 22.0 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.653 W/kg

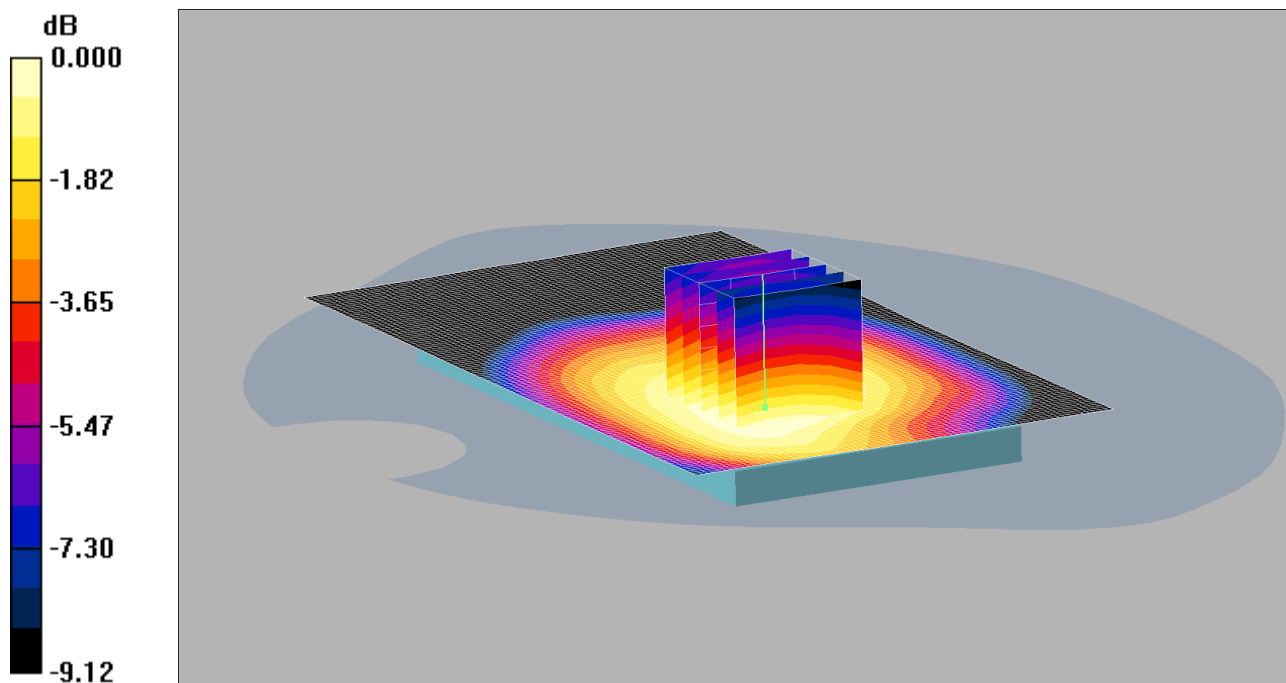
SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.503 mW/g

172: Front of EUT Facing Phantom LTE Band 5 1RB High CH 20450

Date: 21/01/2015

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



0 dB = 0.411mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.984$ 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

Front - 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.413 mW/g

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

Reference Value = 19.8 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.491 W/kg

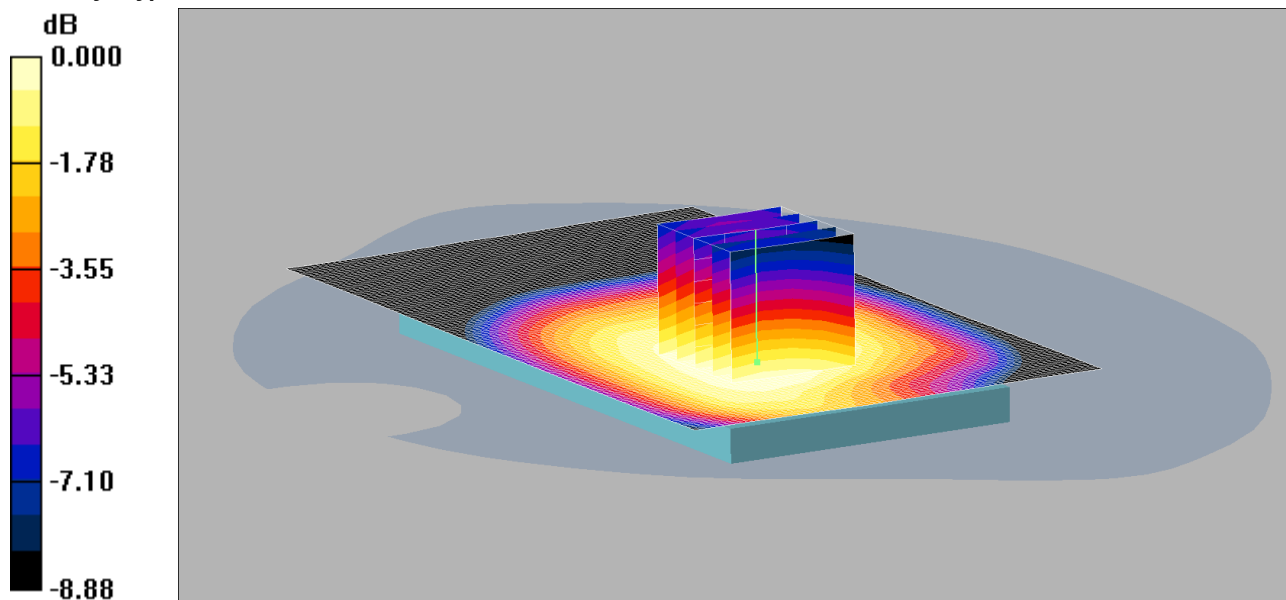
SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.302 mW/g

Maximum value of SAR (measured) = 0.411 mW/g

173: Front of EUT Facing Phantom LTE Band 5 1RB High CH 20600

Date: 21/01/2015

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



0 dB = 0.426mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.993$ 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

Front - 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.429 mW/g

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

Reference Value = 20.8 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.497 W/kg

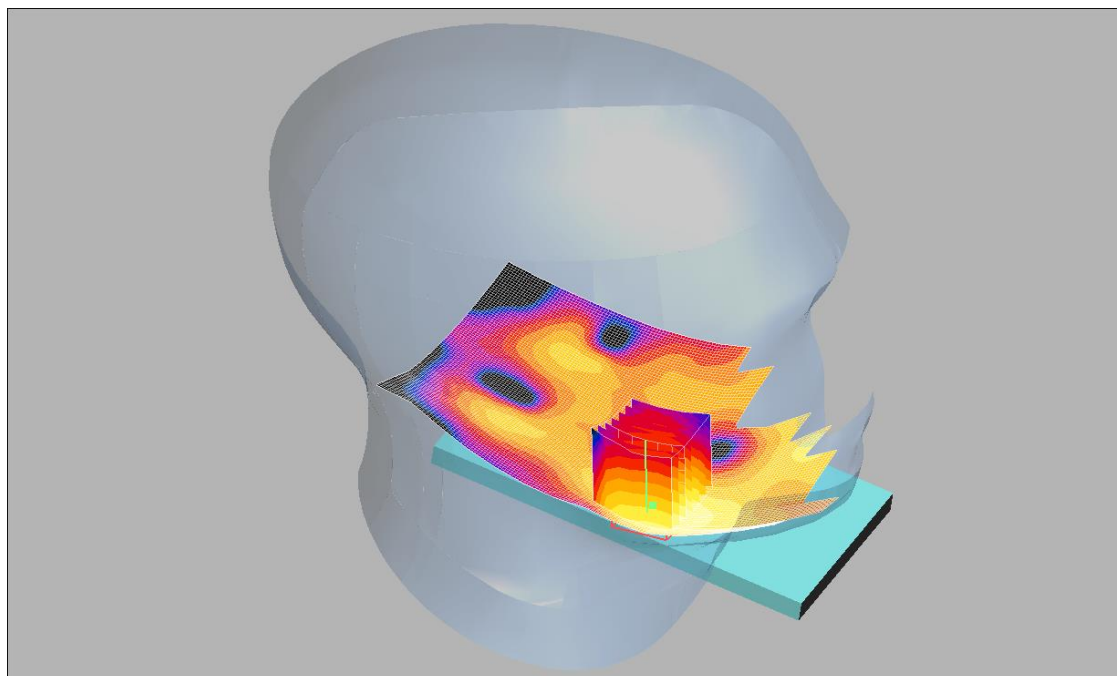
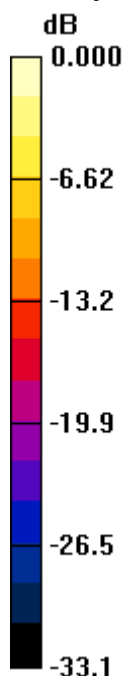
SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.315 mW/g

Maximum value of SAR (measured) = 0.426 mW/g

174: Touch Left of the EUT LTE Band 7 20MHz 1RB Low CH20850

Date: 27/01/2015

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



0 dB = 0.361mW/g

Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: 2600 MHz HSL Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.37, 4.37, 4.37);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 20/08/2014
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch Left - Low/Area Scan 2 (91x151x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.356 mW/g

Touch Left - Low/Zoom Scan (7x7x7) 2 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.713 W/kg

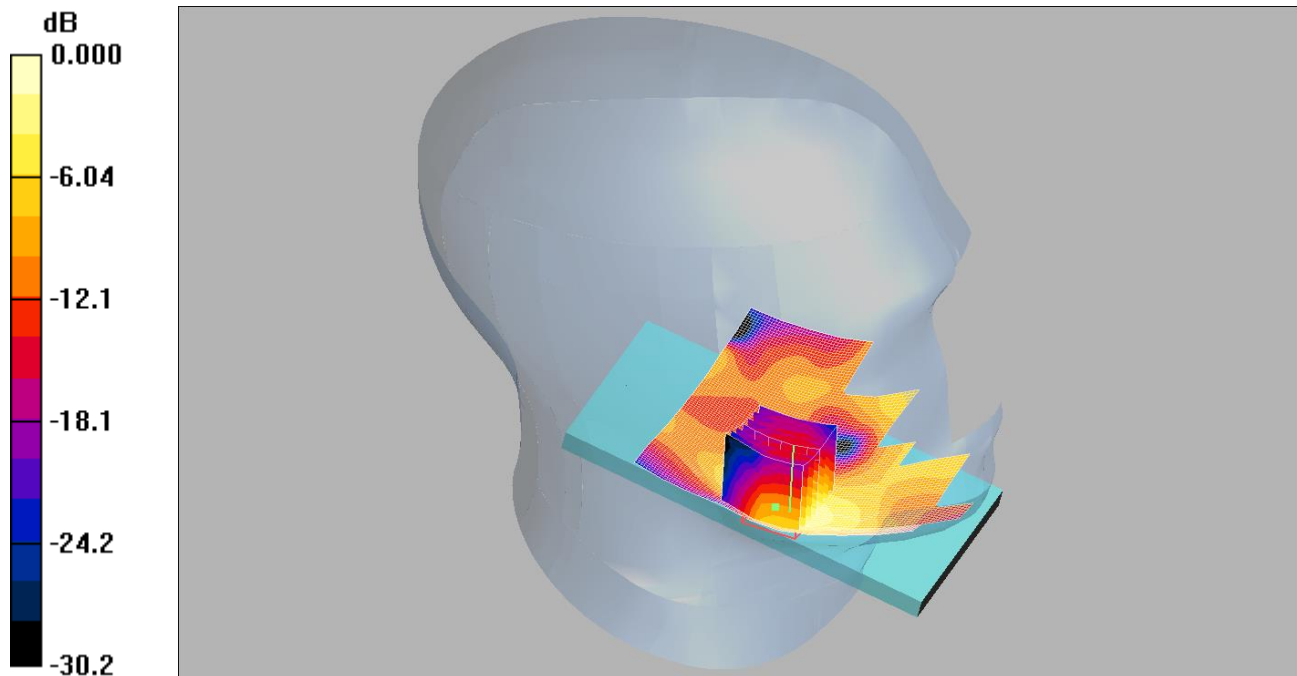
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.159 mW/g

Maximum value of SAR (measured) = 0.361 mW/g

175: Touch Left of the EUT LTE Band 7 20MHz 50% RB Middle CH21100

Date: 27/01/2015

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



0 dB = 0.304mW/g

Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: 2600 MHz HSL Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.37, 4.37, 4.37);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 20/08/2014
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch Left - Middle/Area Scan 2 (91x121x1): Measurement grid: dx=12mm, dy=12mm

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

Touch Left - Middle/Zoom Scan (7x7x7) 2 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.304 mW/g