

### **Appendix 3. SAR Distribution Scans**

This appendix contains SAR distribution scans which are not included in the total number of pages for this report.

## SAR Distribution Scans

This appendix contains SAR distribution scans which are not included in the total number of pages for this report.

| Scan Reference Number | Title                                                |
|-----------------------|------------------------------------------------------|
| 001                   | Touch Left DTM Class 9 CH190                         |
| 002                   | Tilt Left DTM Class 9 CH190                          |
| 003                   | Touch Right DTM Class 9 CH190                        |
| 004                   | Tilt Right DTM Class 9 CH190                         |
| 005                   | Front of EUT Facing Phantom GPRS850 CH190            |
| 006                   | Back of EUT Facing Phantom GPRS850 CH190             |
| 007                   | Left of EUT Facing Phantom GPRS850 CH190             |
| 008                   | Right of EUT Facing Phantom GPRS850 CH190            |
| 009                   | Bottom of EUT Facing Phantom GPRS850 CH190           |
| 010                   | Front of EUT Facing Phantom at 15 mm GPRS850 CH190   |
| 011                   | Back of EUT Facing Phantom at 15 mm GPRS850 CH190    |
| 012                   | Touch Left DTM Class 11 CH661                        |
| 013                   | Tilt Left DTM Class 11 CH661                         |
| 014                   | Touch Right DTM Class 11 CH661                       |
| 015                   | Tilt Right DTM Class 11 CH661                        |
| 016                   | Front of EUT Facing Phantom GPRS1900 CH661           |
| 017                   | Back of EUT Facing Phantom GPRS1900 CH661            |
| 018                   | Back of EUT Facing Phantom GPRS1900 CH512            |
| 019                   | Back of EUT Facing Phantom GPRS1900 CH810            |
| 020                   | Left Hand Side of EUT Facing Phantom GPRS1900 CH661  |
| 021                   | Right Hand Side of EUT Facing Phantom GPRS1900 CH661 |
| 022                   | Bottom of EUT Facing Phantom GPRS1900 CH661          |
| 023                   | Bottom of EUT Facing Phantom GPRS1900 CH512          |
| 024                   | Bottom of EUT Facing Phantom GPRS1900 CH810          |
| 025                   | Front of EUT Facing Phantom DTM Class 11 CH661       |
| 026                   | Front of EUT Facing Phantom DTM Class 11 CH512       |
| 027                   | Front of EUT Facing Phantom DTM Class 11 CH810       |
| 028                   | Back of EUT Facing Phantom DTM Class 11 CH661        |
| 029                   | Back of EUT Facing Phantom DTM Class 11 CH512        |
| 030                   | Back of EUT Facing Phantom DTM Class 11 CH810        |

| Scan Reference Number | Title                                                   |
|-----------------------|---------------------------------------------------------|
| 031                   | Touch Left UMTS FDD 2 CH9400                            |
| 032                   | Tilt Left UMTS FDD 2 CH9400                             |
| 033                   | Touch Right UMTS FDD 2 CH9400                           |
| 034                   | Tilt Right UMTS FDD 2 CH9400                            |
| 035                   | Front of EUT Facing Phantom UMTS FDD 2 CH9400           |
| 036                   | Back of EUT Facing Phantom UMTS FDD 2 CH9400            |
| 037                   | Left Hand Side of EUT Facing Phantom UMTS FDD 2 CH9400  |
| 038                   | Right Hand Side of EUT Facing Phantom UMTS FDD 2 CH9400 |
| 039                   | Bottom of EUT Facing Phantom UMTS FDD 2 CH9400          |
| 040                   | Bottom of EUT Facing Phantom UMTS FDD 2 CH9262          |
| 041                   | Bottom of EUT Facing Phantom UMTS FDD 2 CH9538          |
| 042                   | Front of EUT Facing Phantom UMTS FDD 2 CH9400           |
| 043                   | Front of EUT Facing Phantom UMTS FDD 2 CH9262           |
| 044                   | Front of EUT Facing Phantom UMTS FDD 2 CH9538           |
| 045                   | Back of EUT Facing Phantom UMTS FDD 2 CH9400            |
| 046                   | Back of EUT Facing Phantom UMTS FDD 2 CH9262            |
| 047                   | Back of EUT Facing Phantom UMTS FDD 2 CH9538            |
| 048                   | Touch Left UMTS FDD 5 CH4183                            |
| 049                   | Tilt Left UMTS FDD 5 CH4183                             |
| 050                   | Touch Right UMTS FDD 5 CH4183                           |
| 051                   | Tilt Right UMTS FDD 5 CH4183                            |
| 052                   | Front of EUT Facing Phantom UMTS FDD 5 CH4183           |
| 053                   | Back of EUT Facing Phantom UMTS FDD 5 CH4183            |
| 054                   | Left Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183  |
| 055                   | Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183 |
| 056                   | Bottom of EUT Facing Phantom UMTS FDD 5 CH4183          |
| 057                   | Touch Left LTE Band 5 1RB Low CH20525                   |
| 058                   | Touch Left LTE Band 5 50%RB Mid CH20525                 |
| 059                   | Tilt Left LTE Band 5 1RB Low CH20525                    |
| 060                   | Tilt Left LTE Band 5 50%RB Mid CH20525                  |
| 061                   | Touch Right LTE Band 5 1RB Low CH20525                  |
| 062                   | Touch Right LTE Band 5 50%RB Mid CH20525                |
| 063                   | Tilt Right LTE Band 5 1RB Low CH20525                   |
| 064                   | Tilt Right LTE Band 5 50%RB Mid CH20525                 |

| Scan Reference Number | Title                                                              |
|-----------------------|--------------------------------------------------------------------|
| 065                   | Front of EUT facing Phantom LTE Band 5 1RB Low CH20525             |
| 066                   | Front of EUT facing Phantom LTE Band 5 50%RB Mid CH20525           |
| 067                   | Back of EUT facing Phantom LTE Band 5 1RB Low CH20525              |
| 068                   | Back of EUT facing Phantom LTE Band 5 50%RB Mid CH20525            |
| 069                   | Left Hand Side of EUT facing Phantom LTE Band 5 1 RB Low CH20525   |
| 070                   | Left Hand Side of EUT facing Phantom LTE Band 5 50%RB Mid CH20525  |
| 071                   | Right Hand Side of EUT facing Phantom LTE Band 5 1RB Low CH20525   |
| 072                   | Right Hand Side of EUT facing Phantom LTE Band 5 50%RB Mid CH20525 |
| 073                   | Bottom of EUT facing Phantom LTE Band 5 1RB Low CH20525            |
| 074                   | Bottom of EUT facing Phantom LTE Band 5 50%RB Mid CH20525          |
| 075                   | Touch Left LTE Band 7 1RB Low CH21350                              |
| 076                   | Touch Left LTE Band 7 50% RB Low CH21350                           |
| 077                   | Tilt Left LTE Band 7 1RB Low CH21350                               |
| 078                   | Tilt Left LTE Band 7 50% RB Low CH21350                            |
| 079                   | Touch Right LTE Band 7 1RB Low CH21350                             |
| 080                   | Touch Right LTE Band 7 50% RB Low CH21350                          |
| 081                   | Tilt Right LTE Band 7 1RB Low CH21350                              |
| 082                   | Tilt Right LTE Band 7 50% RB Low CH21350                           |
| 083                   | Front of EUT Facing Phantom LTE Band 7 1RB Low CH21350             |
| 084                   | Front of EUT Facing Phantom LTE Band 7 1RB Low CH20850             |
| 085                   | Front of EUT Facing Phantom LTE Band 7 1RB Low CH21100             |
| 086                   | Front of EUT Facing Phantom LTE Band 7 50% RB Low CH21350          |
| 087                   | Front of EUT Facing Phantom LTE Band 7 50%RB Low CH20850           |
| 088                   | Front of EUT Facing Phantom LTE Band 7 50%RB Low CH21100           |
| 089                   | Front of EUT Facing Phantom LTE Band 7 100%RB CH21100              |
| 090                   | Back of EUT Facing Phantom LTE Band 7 1RB Low CH21350              |
| 091                   | Back of EUT Facing Phantom LTE Band 7 1RB Low CH20850              |
| 092                   | Back of EUT Facing Phantom LTE Band 7 1RB Low CH21100              |
| 093                   | Back of EUT Facing Phantom LTE Band 7 50 % RB Low CH21350          |
| 094                   | Back of EUT Facing Phantom LTE Band 7 50 % RB Low CH20850          |
| 095                   | Back of EUT Facing Phantom LTE Band 7 50 % RB Low CH21100          |
| 096                   | Back of EUT Facing Phantom LTE Band 7 100 % RB CH21350             |

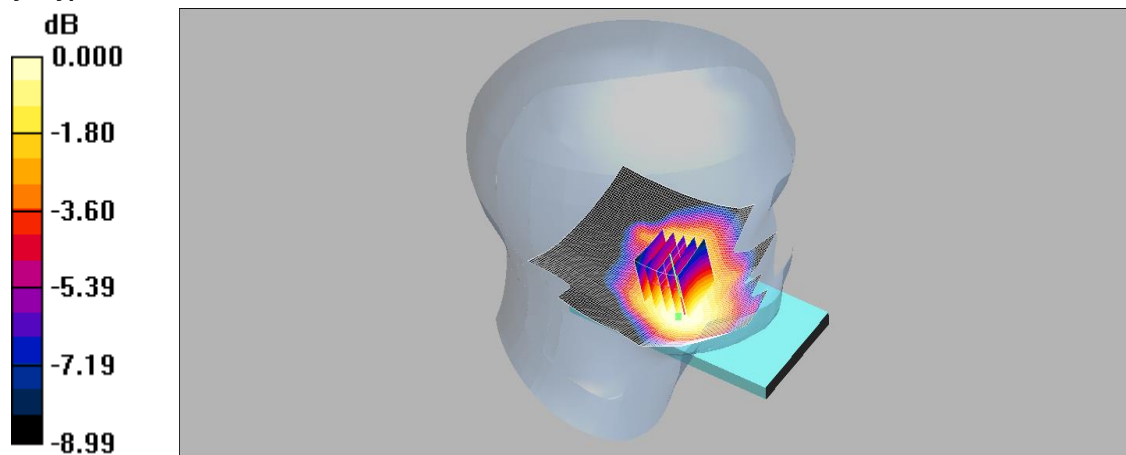
| Scan Reference Number | Title                                                                    |
|-----------------------|--------------------------------------------------------------------------|
| 097                   | Left Hand Side of EUT Facing Phantom LTE Band 7 1 RB Low CH21350         |
| 098                   | Left Hand Side of EUT Facing Phantom LTE Band 7 50 % RB Low CH21350      |
| 099                   | Right Hand Side of EUT Facing Phantom LTE Band 7 1 RB Low CH21350        |
| 100                   | Right Hand Side of EUT Facing Phantom LTE Band 7 50% RB Low CH21350      |
| 101                   | Bottom of EUT Facing Phantom LTE Band 7 1RB Low CH21350                  |
| 102                   | Bottom of EUT Facing Phantom LTE Band 7 1RB Low CH20850                  |
| 103                   | Bottom of EUT Facing Phantom LTE Band 7 1RB Low CH21100                  |
| 104                   | Bottom of EUT Facing Phantom LTE Band 7 50%RB Low CH21350                |
| 105                   | Bottom of EUT Facing Phantom LTE Band 7 100%RB CH20850                   |
| 106                   | Back of EUT Facing Phantom LTE Band 7 1RB Low CH21100 Personal Handsfree |
| 107                   | Touch Left WiFi 802.11b 1Mbps CH6                                        |
| 108                   | Tilt Left WiFi 802.11b 1Mbps CH6                                         |
| 109                   | Touch Right WiFi 802.11b 1Mbps CH6                                       |
| 110                   | Tilt Right WiFi 802.11b 1Mbps CH6                                        |
| 111                   | Front Of EUT Facing Phantom WiFi 802.11b 1Mbps CH6                       |
| 112                   | Back Of EUT Facing Phantom WiFi 802.11b 1Mbps CH6                        |
| 113                   | Left Hand Side Of EUT Facing Phantom WiFi 802.11b 1Mbps CH6              |
| 114                   | Top Of EUT Facing Phantom WiFi 802.11b 1Mbps CH6                         |
| 115                   | Touch Left WLAN 802.11a 6Mbps CH48                                       |
| 116                   | Tilt Left WLAN 802.11a 6Mbps CH48                                        |
| 117                   | Touch Right WLAN 802.11a 6Mbps CH48                                      |
| 118                   | Tilt Right WLAN 802.11a 6Mbps CH48                                       |
| 119                   | Touch Right WLAN 802.11a 6Mbps CH56                                      |
| 120                   | Touch Right WLAN 802.11a CH108                                           |
| 121                   | Touch Right WLAN 802.11a 6Mbps CH161                                     |
| 122                   | Touch Right WLAN 802.11ac HT40 13.5Mbps CH46                             |
| 123                   | Touch Right WLAN 802.11ac HT40 13.5Mbps CH54                             |
| 124                   | Touch Right WLAN 802.11ac HT40 13.5Mbps CH102                            |
| 125                   | Touch Right WLAN 802.11ac HT40 13.5Mbps CH151                            |
| 126                   | Touch Right WLAN 802.11ac HT80 29.3Mbps CH42                             |
| 127                   | Touch Right WLAN 802.11ac HT80 29.3Mbps CH58                             |
| 128                   | Touch Right WLAN 802.11ac HT80 29.3Mbps CH106                            |
| 129                   | Touch Right WLAN 802.11ac HT80 29.3Mbps CH155                            |

| Scan Reference Number | Title                                                        |
|-----------------------|--------------------------------------------------------------|
| 130                   | Back Of EUT Facing Phantom WiFi 802.11a 6Mbps CH48           |
| 131                   | Left Hand Side Of EUT Facing Phantom WiFi 802.11a 6Mbps CH48 |
| 132                   | Top Of EUT Facing Phantom WiFi 802.11a 6Mbps CH48            |
| 133                   | Back of EUT Facing Phantom WiFi 802.11a 6Mbps CH56           |
| 134                   | Back of EUT Facing Phantom WiFi 802.11a 6Mbps CH161          |
| 135                   | Back of EUT Facing Phantom WiFi 802.11ac HT40 13.5Mbps CH46  |
| 136                   | Back of EUT Facing Phantom WiFi 802.11ac HT40 13.5Mbps CH54  |
| 137                   | Back of EUT Facing Phantom WiFi 802.11ac HT40 13.5Mbps CH102 |
| 138                   | Back of EUT Facing Phantom WiFi 802.11ac HT40 13.5Mbps CH151 |
| 139                   | Back of EUT Facing Phantom WiFi 802.11ac HT80 29.3Mbps CH42  |
| 140                   | Back of EUT Facing Phantom WiFi 802.11ac HT80 29.3Mbps CH58  |
| 141                   | Back of EUT Facing Phantom WiFi 802.11ac HT80 29.3Mbps CH106 |
| 142                   | Back of EUT Facing Phantom WiFi 802.11ac HT80 29.3Mbps CH155 |
| 143                   | System Performance Check 900MHz Head 09 06 14                |
| 144                   | System Performance Check 900MHz Head 11 06 14                |
| 145                   | System Performance Check 900MHz Head 16 06 14                |
| 146                   | System Performance Check 900MHz Body 09 06 14                |
| 147                   | System Performance Check 900MHz Body 12 06 14                |
| 148                   | System Performance Check 900MHz Body 16 06 14                |
| 149                   | System Performance Check 1900MHz Head 09 06 14               |
| 150                   | System Performance Check 1900MHz Body 09 06 14               |
| 151                   | System Performance Check 2450MHz Head 11 06 14               |
| 152                   | System Performance Check 2450MHz Body 13 06 14               |
| 153                   | System Performance Check 2600MHz head 09 06 14               |
| 154                   | System Performance Check 2600MHz head 12 06 14               |
| 155                   | System Performance Check 2600MHz Body 09 06 14               |
| 156                   | System Performance Check 2600MHz Body 12 06 14               |
| 157                   | System Performance Check 5200 MHz Head 12 06 14              |
| 158                   | System Performance Check 5500 MHz Head 12 06 14              |
| 159                   | System Performance Check 5800 MHz Head 12 06 14              |
| 160                   | System Performance Check 5200 MHz Body 09 06 14              |
| 161                   | System Performance Check 5500 MHz Body 09 06 14              |
| 162                   | System Performance Check 5800 MHz Body 09 06 14              |

001: Touch Left DTM Class 9 CH190

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



Communication System: 850 MHz DTM 9 2TX; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.916$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(10.19, 10.19, 10.19);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch Left - Middle/Area Scan 2 (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.234 mW/g

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

Reference Value = 4.91 V/m; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 0.251 W/kg

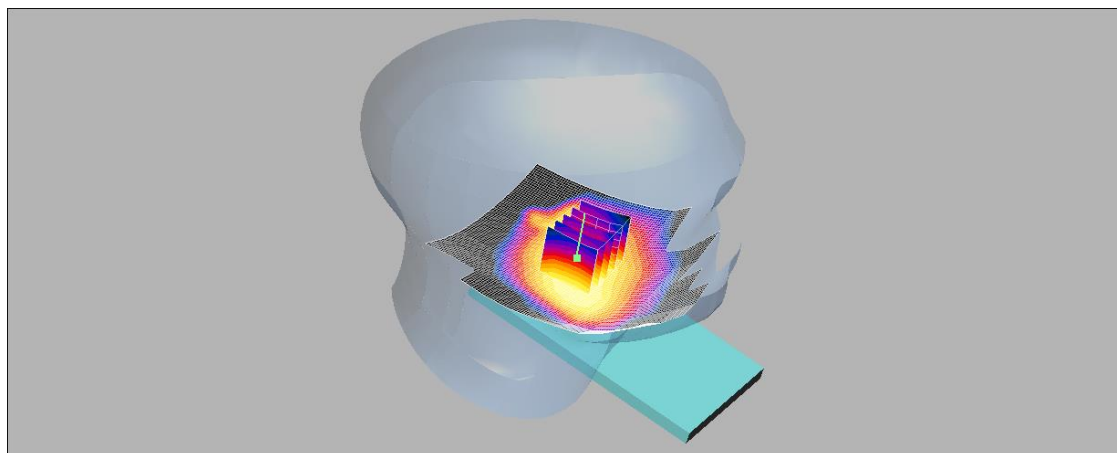
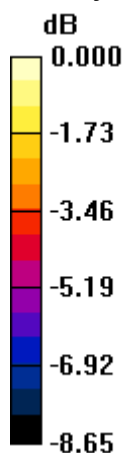
**SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.222 mW/g

002: Tilt Left DTM Class 9 CH190

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.142mW/g

Communication System: 850 MHz DTM 9 2TX; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.916$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(10.19, 10.19, 10.19);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Tilt Left - Middle/Area Scan 2 (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.140 mW/g

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

Reference Value = 7.67 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.166 W/kg

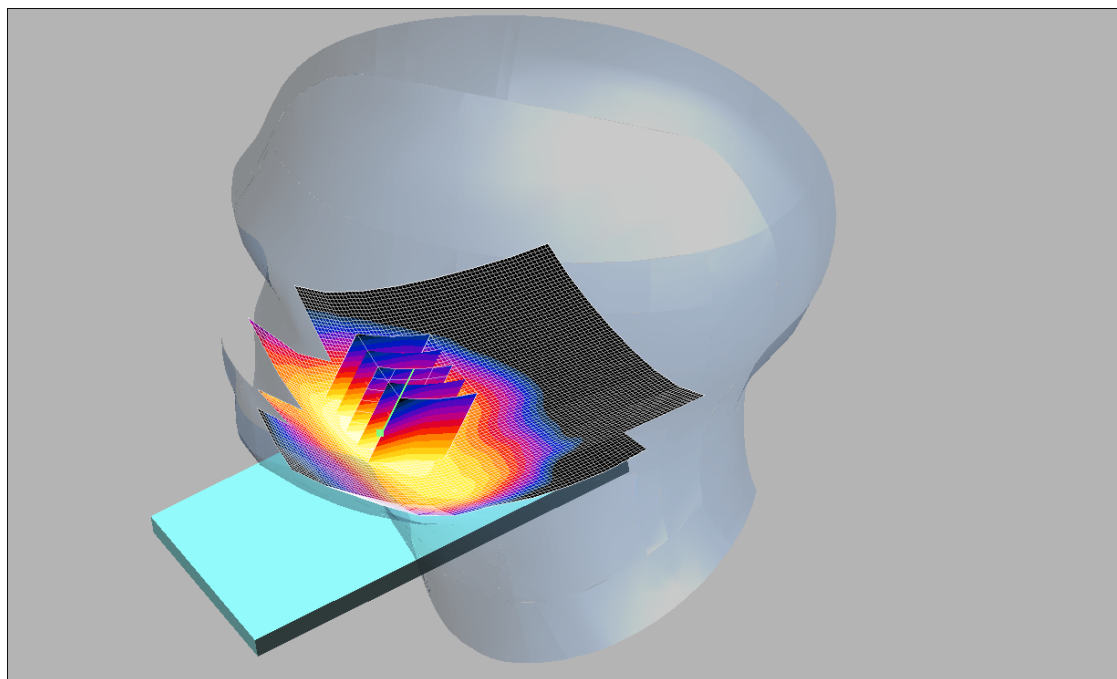
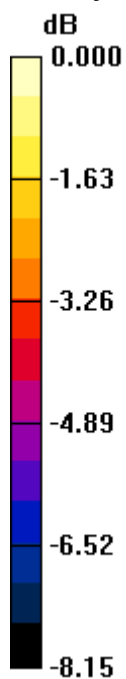
**SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.103 mW/g**

Maximum value of SAR (measured) = 0.142 mW/g

003: Touch Right DTM Class 9 CH190

Date: 12/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.269mW/g

Communication System: 850 MHz DTM 9 2TX; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.916$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(10.19, 10.19, 10.19);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch Right - Middle 3/Area Scan 2 (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

**Touch Right - Middle 3/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.319 W/kg

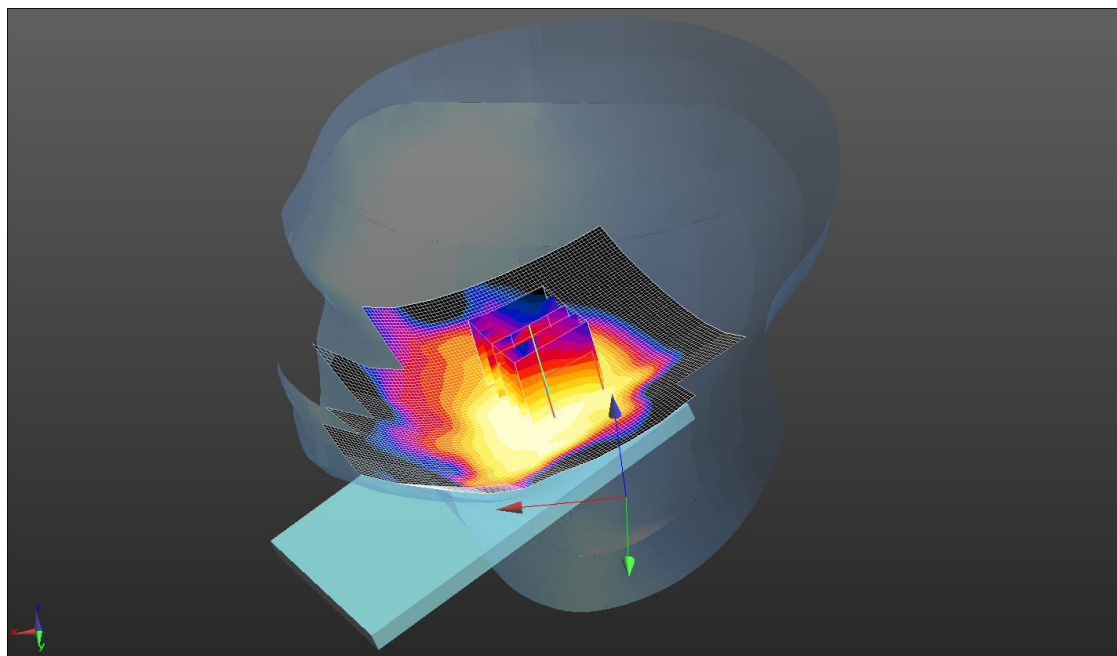
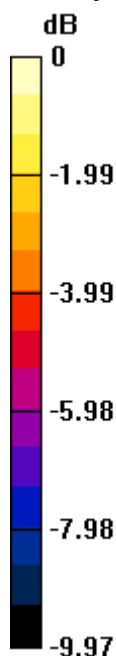
**SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.198 mW/g**

Maximum value of SAR (measured) = 0.269 mW/g

004: Tilt Right DTM Class 9 CH190

Date: 11/6/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.158 W/kg = -8.01 dBW/kg

Communication System: UID 0, 850 MHz DTM 9 2TX; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 40.918$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(10.19, 10.19, 10.19); Calibrated: 7/5/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle 2/Area Scan 2 (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.167 W/kg

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

Reference Value = 12.54 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.236 W/kg

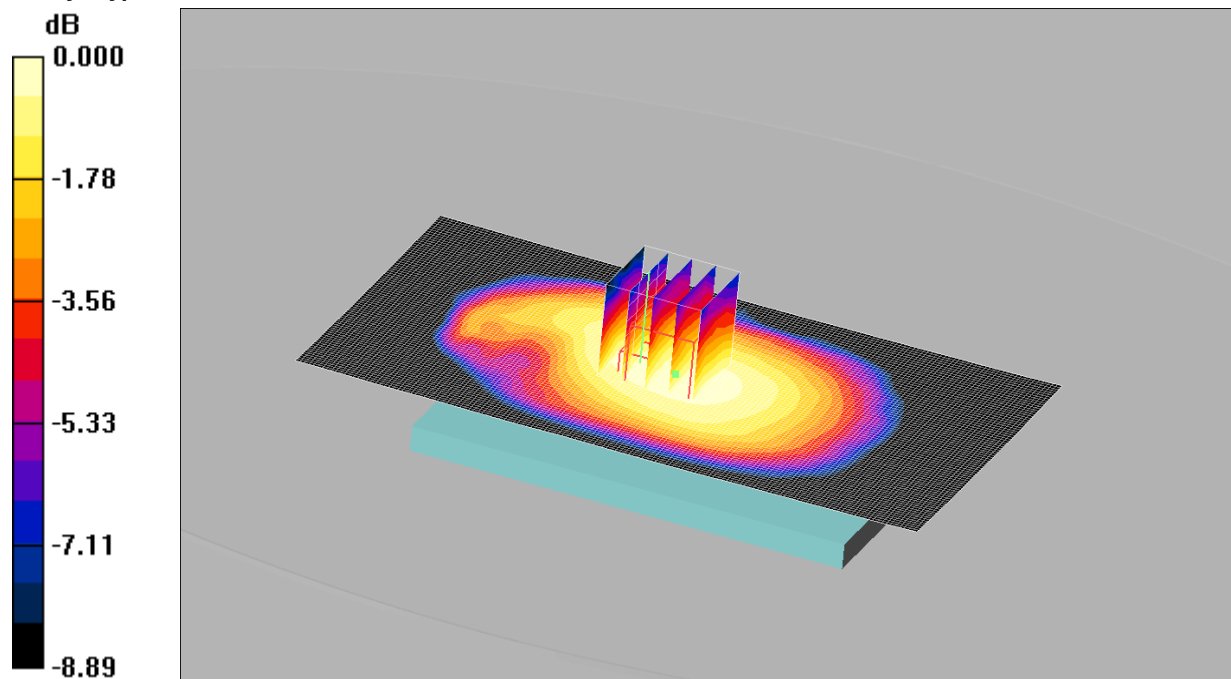
**SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.108 W/kg**

Maximum value of SAR (measured) = 0.158 W/kg

005: Front of EUT Facing Phantom GPRS850 CH190

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.423mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(10.14, 10.14, 10.14);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Front of EUT Facing Phantom - Middle 2 2/Area Scan 2 (81x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.402 mW/g

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

Reference Value = 19.8 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.504 W/kg

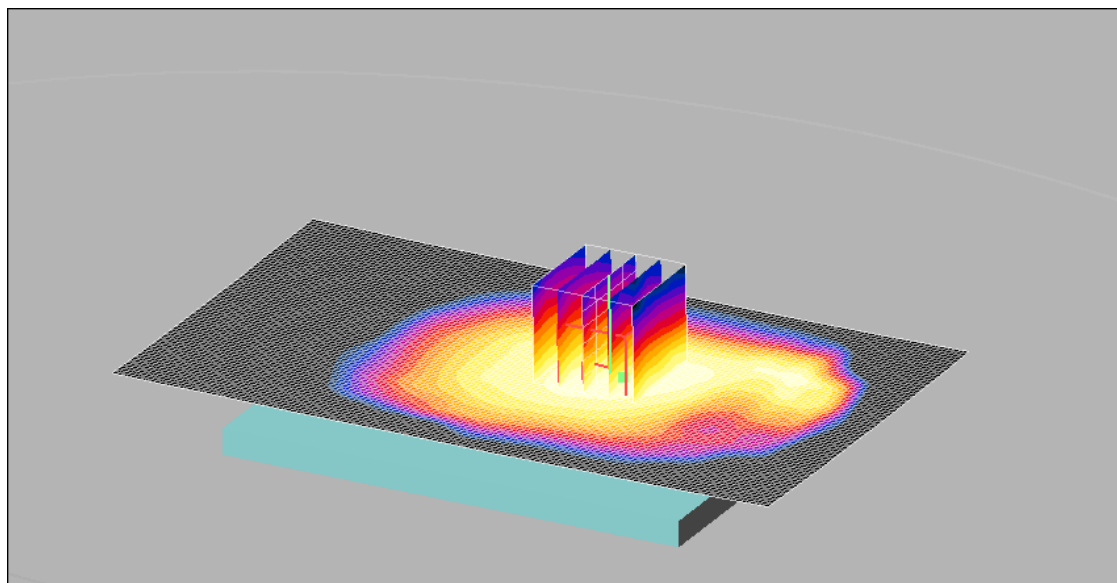
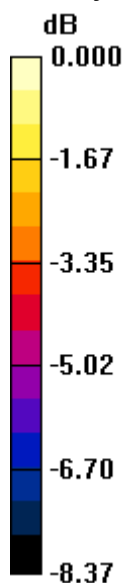
**SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.311 mW/g**

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

006: Back of EUT Facing Phantom GPRS850 CH190

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.458mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(10.14, 10.14, 10.14);

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

- Electronics: DAE3 Sn450; Calibrated: 31/10/2013

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Back of EUT Facing Phantom - Middle 2/Area Scan 2 (81x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.440 mW/g

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

Reference Value = 20.2 V/m; Power Drift = 0.142 dB

Peak SAR (extrapolated) = 0.530 W/kg

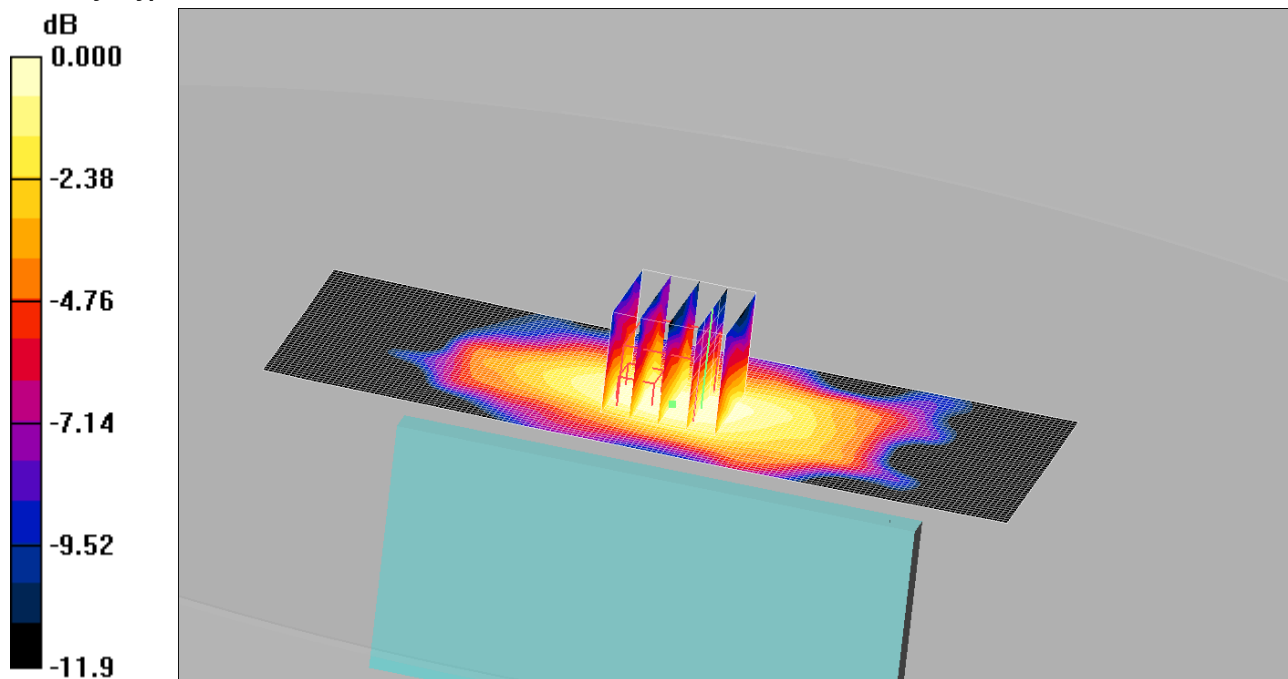
**SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.342 mW/g**

Maximum value of SAR (measured) = 0.458 mW/g

007: Left of EUT Facing Phantom GPRS850 CH190

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.262mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(10.14, 10.14, 10.14);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Hand Side EUT Facing Phantom - Middle 2/Area Scan 2 (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.265 mW/g

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

Reference Value = 15.6 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.362 W/kg

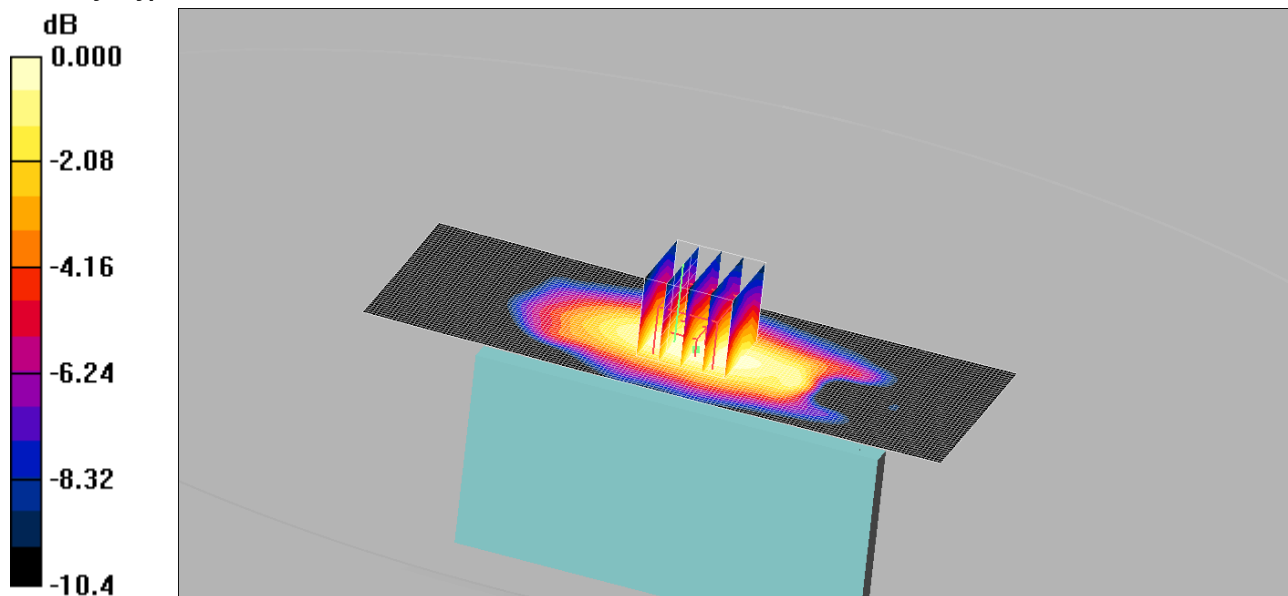
**SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.154 mW/g**

Maximum value of SAR (measured) = 0.262 mW/g

008: Right of EUT Facing Phantom GPRS850 CH190

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.541mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(10.14, 10.14, 10.14);

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

- Electronics: DAE3 Sn450; Calibrated: 31/10/2013

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Hand Side EUT Facing Phantom - Middle 2/Area Scan 2 (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.537 mW/g

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

Reference Value = 23.3 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.668 W/kg

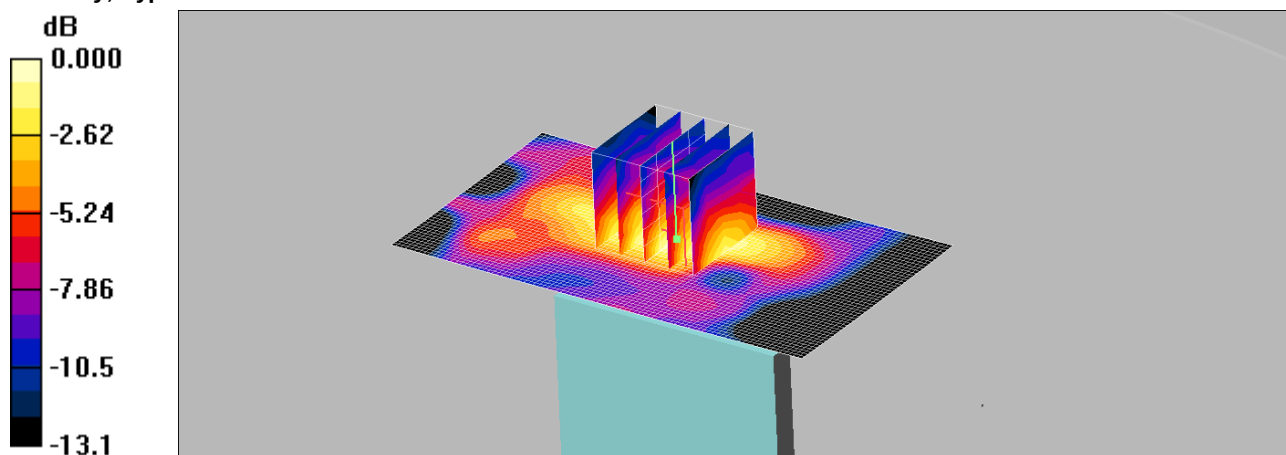
**SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.337 mW/g**

Maximum value of SAR (measured) = 0.541 mW/g

009: Bottom of EUT Facing Phantom GPRS850 CH190

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.125mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(10.14, 10.14, 10.14);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Hand Side EUT Facing Phantom - Middle 2/Area Scan 2 (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.128 mW/g

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

Reference Value = 10.1 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.178 W/kg

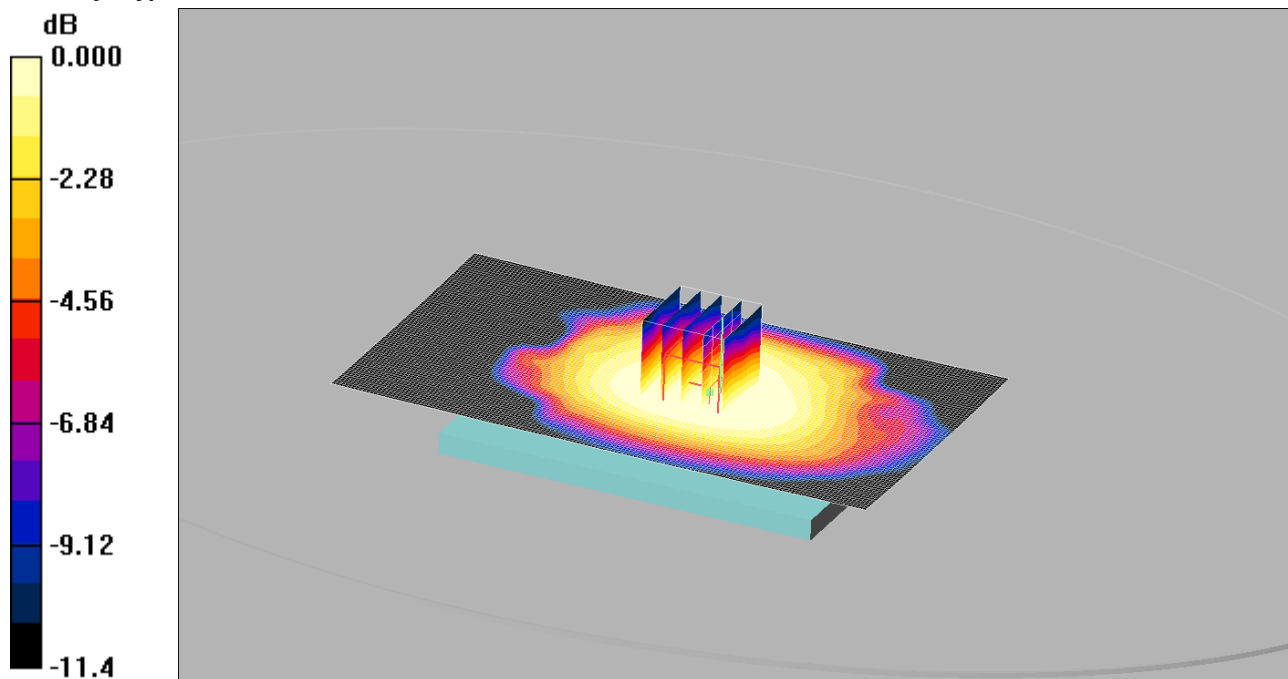
**SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.066 mW/g**

Maximum value of SAR (measured) = 0.125 mW/g

010: Front of EUT Facing Phantom at 15 mm GPRS850 CH190

Date: 12/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.349mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(10.14, 10.14, 10.14);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Front of EUT Facing Phantom - Middle 2 2/Area Scan 2 (81x141x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 19.7 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.450 W/kg

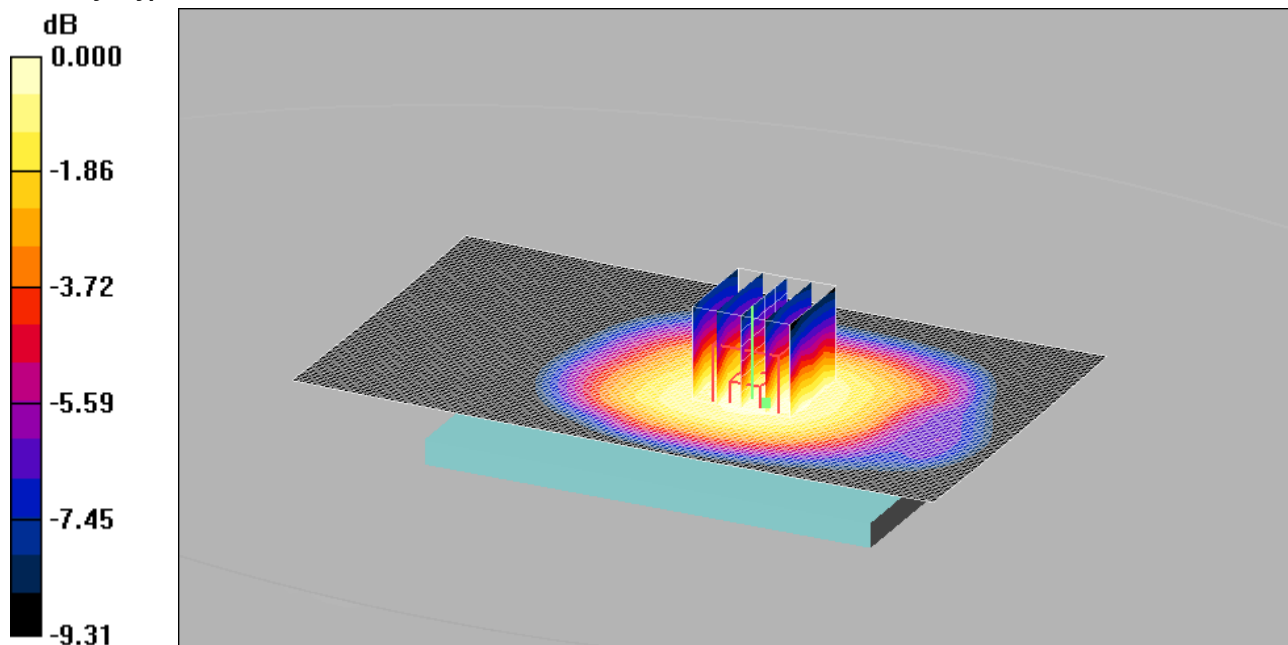
**SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.244 mW/g**

Maximum value of SAR (measured) = 0.349 mW/g

011: Back of EUT Facing Phantom at 15 mm GPRS850 CH190

Date: 12/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.374mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(10.14, 10.14, 10.14);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Front of EUT Facing Phantom - Middle 2 2/Area Scan 2 (81x141x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 18.1 V/m; Power Drift = 0.195 dB

Peak SAR (extrapolated) = 0.475 W/kg

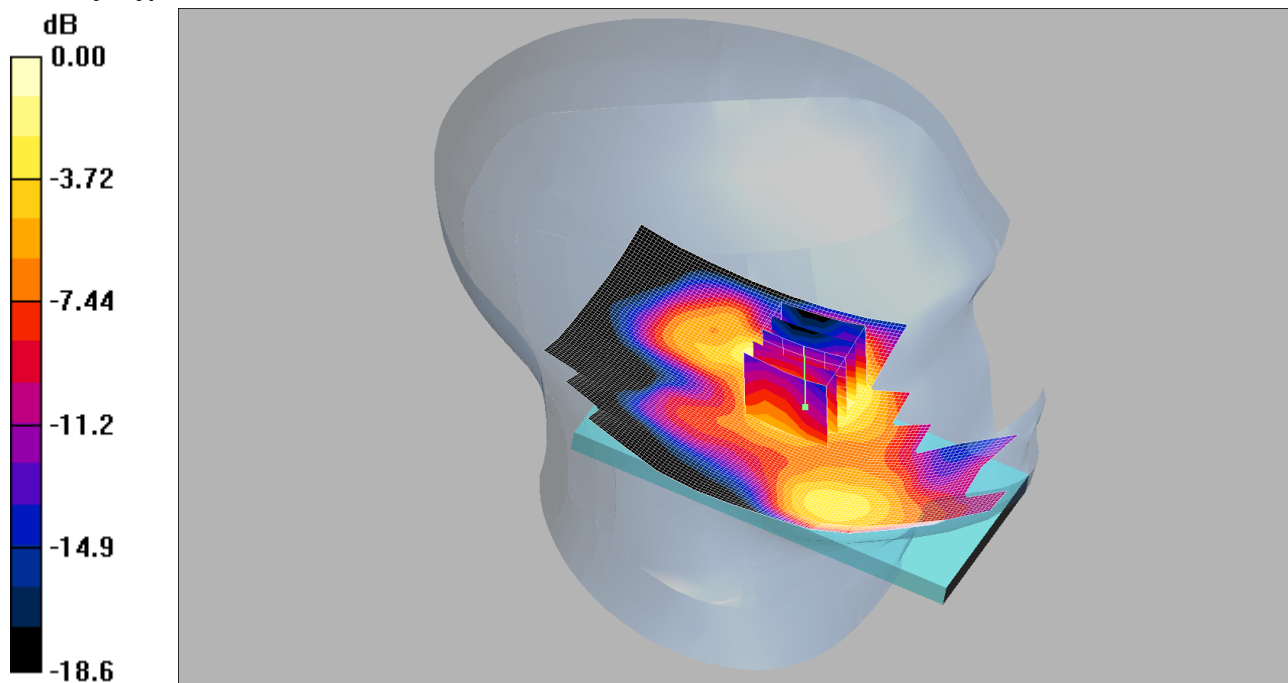
**SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.254 mW/g**

Maximum value of SAR (measured) = 0.374 mW/g

012: Touch Left DTM Class 11 CH661

Date: 10/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.373mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.358 mW/g

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

Reference Value = 14.2 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 0.611 W/kg

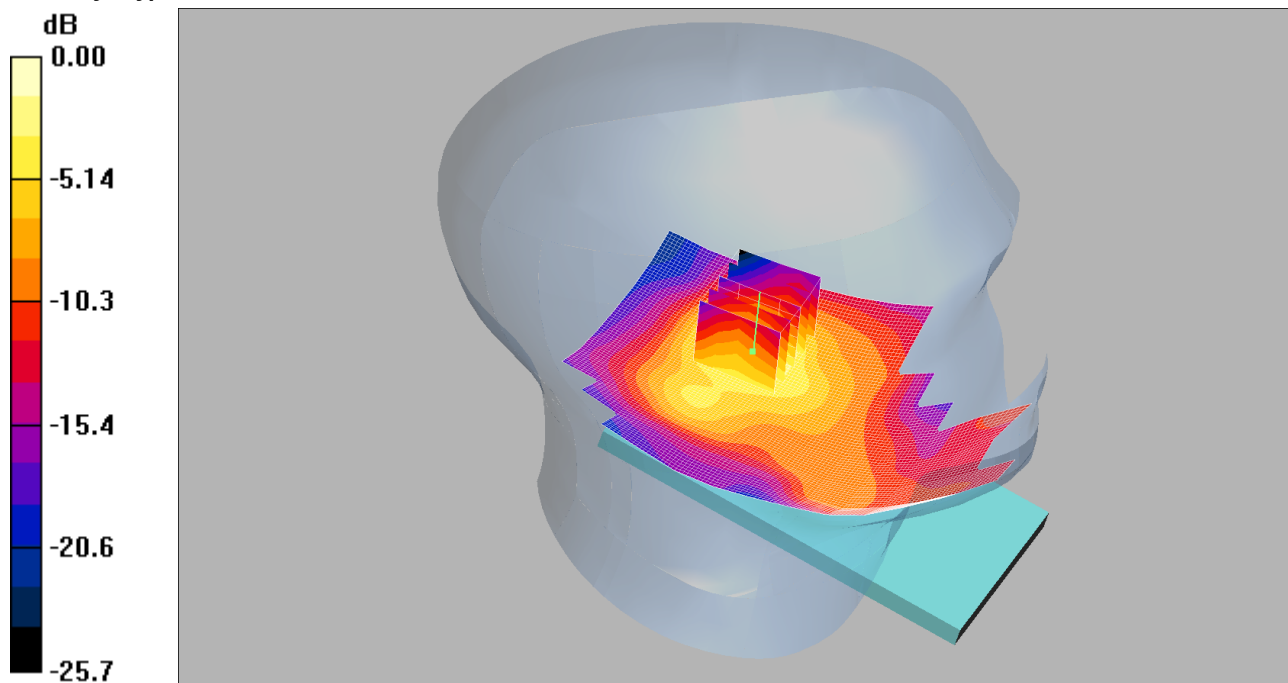
**SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.187 mW/g**

Maximum value of SAR (measured) = 0.373 mW/g

013: Tilt Left DTM Class 11 CH661

Date: 10/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.173mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.149 mW/g

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

Reference Value = 10.6 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.269 W/kg

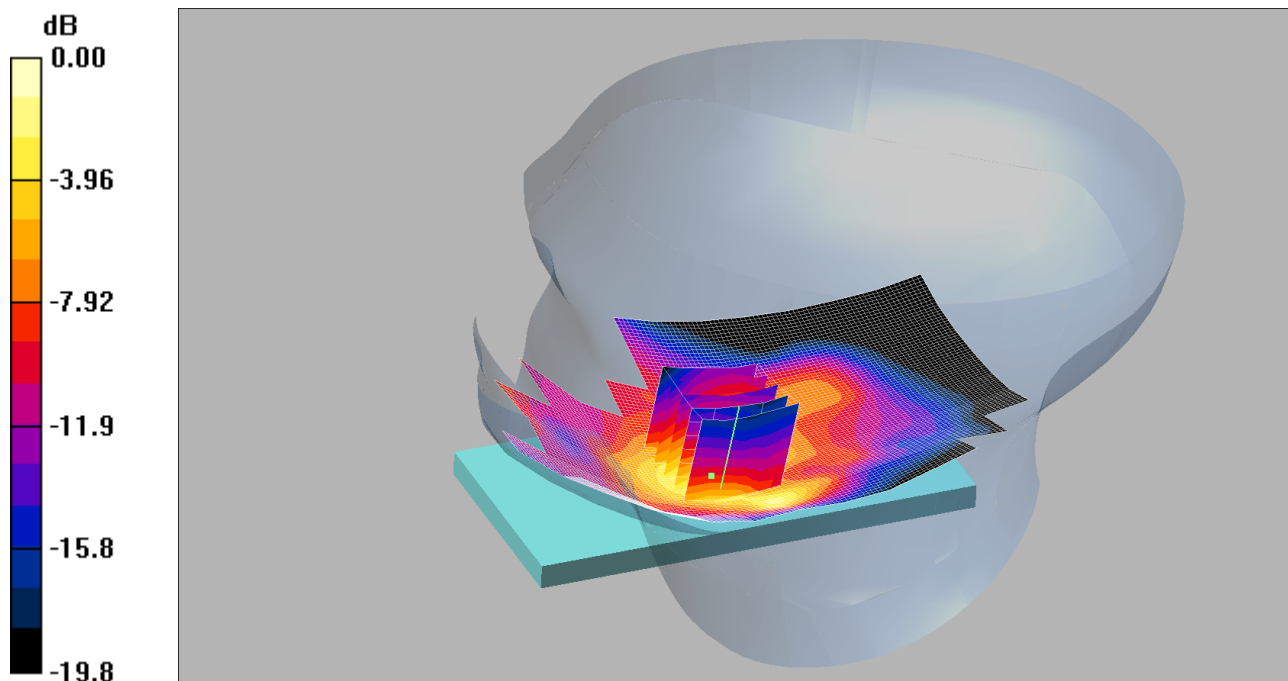
**SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.082 mW/g**

Maximum value of SAR (measured) = 0.173 mW/g

014: Touch Right DTM Class 11 CH661

Date: 10/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.455mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.382 mW/g

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

Reference Value = 17.1 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 0.807 W/kg

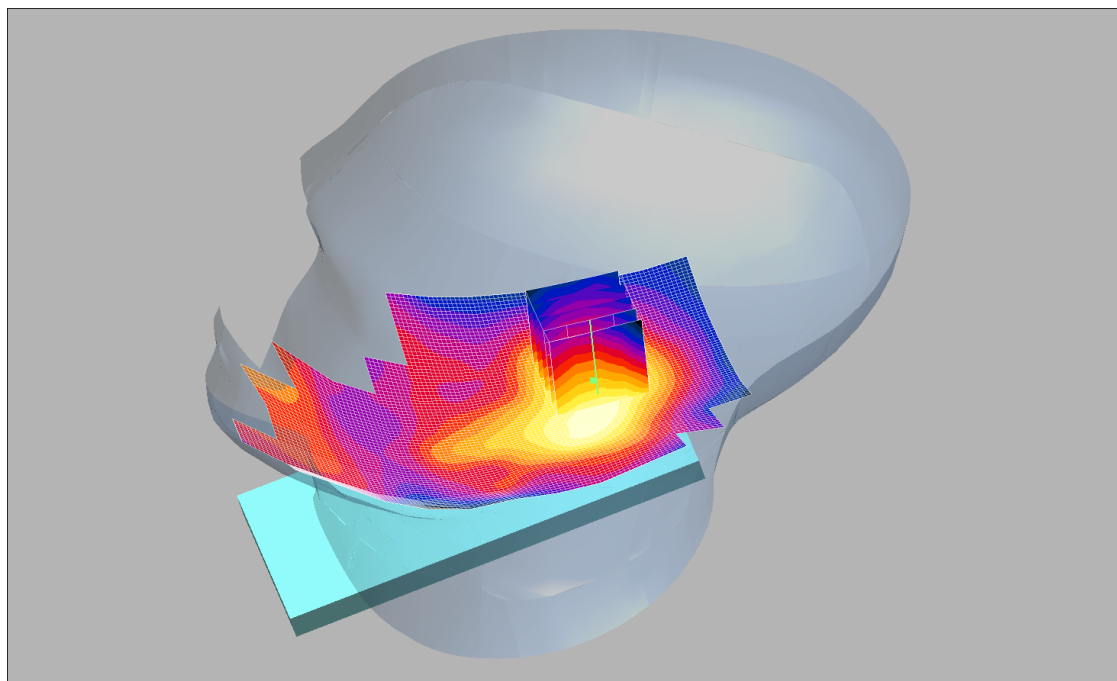
**SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.218 mW/g**

Maximum value of SAR (measured) = 0.455 mW/g

015: Tilt Right DTM Class 11 CH661

Date: 10/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.091mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.094 mW/g

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

Reference Value = 7.52 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.145 W/kg

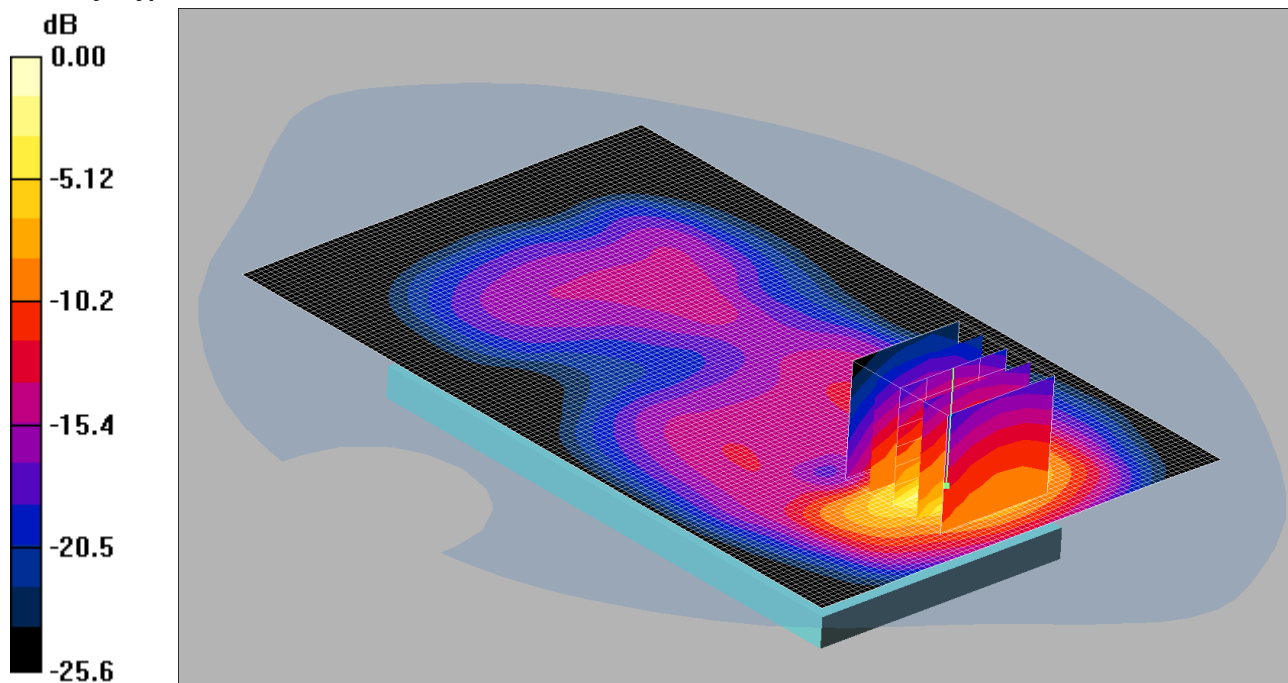
**SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.091 mW/g

016: Front of EUT Facing Phantom GPRS1900 CH661

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.265mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom - Middle/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.179 mW/g

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

Reference Value = 9.63 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.524 W/kg

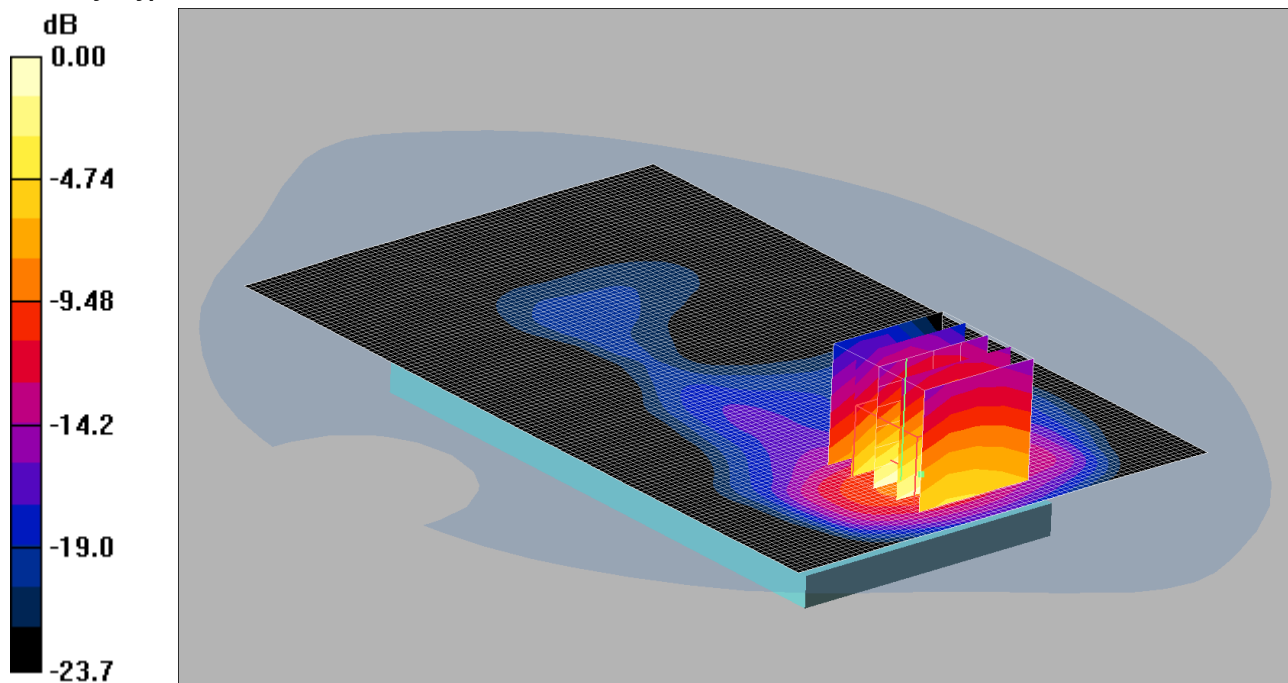
**SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.079 mW/g**

Maximum value of SAR (measured) = 0.265 mW/g

017: Back of EUT Facing Phantom GPRS1900 CH661

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.683mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom - Middle/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 10.6 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.11 W/kg

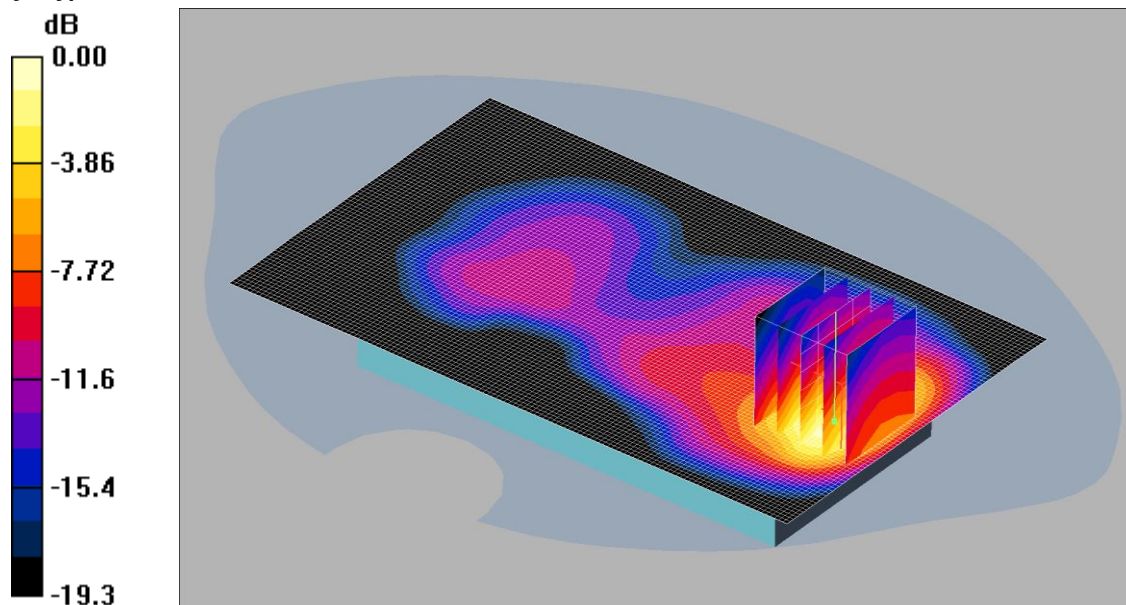
**SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.326 mW/g**

Maximum value of SAR (measured) = 0.683 mW/g

018: Back of EUT Facing Phantom GPRS1900 CH512

Date: 12/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.619mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.582 mW/g

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

Reference Value = 4.34 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.956 W/kg

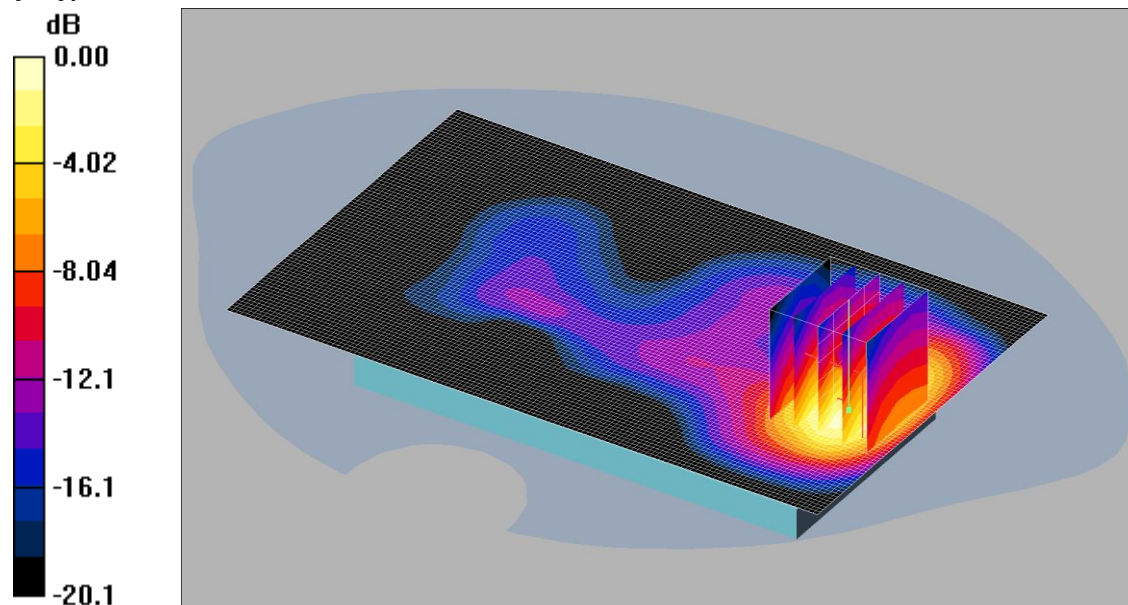
**SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.289 mW/g**

Maximum value of SAR (measured) = 0.619 mW/g

019: Back of EUT Facing Phantom GPRS1900 CH810

Date: 12/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.701mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.666 mW/g

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

Reference Value = 3.54 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 1.10 W/kg

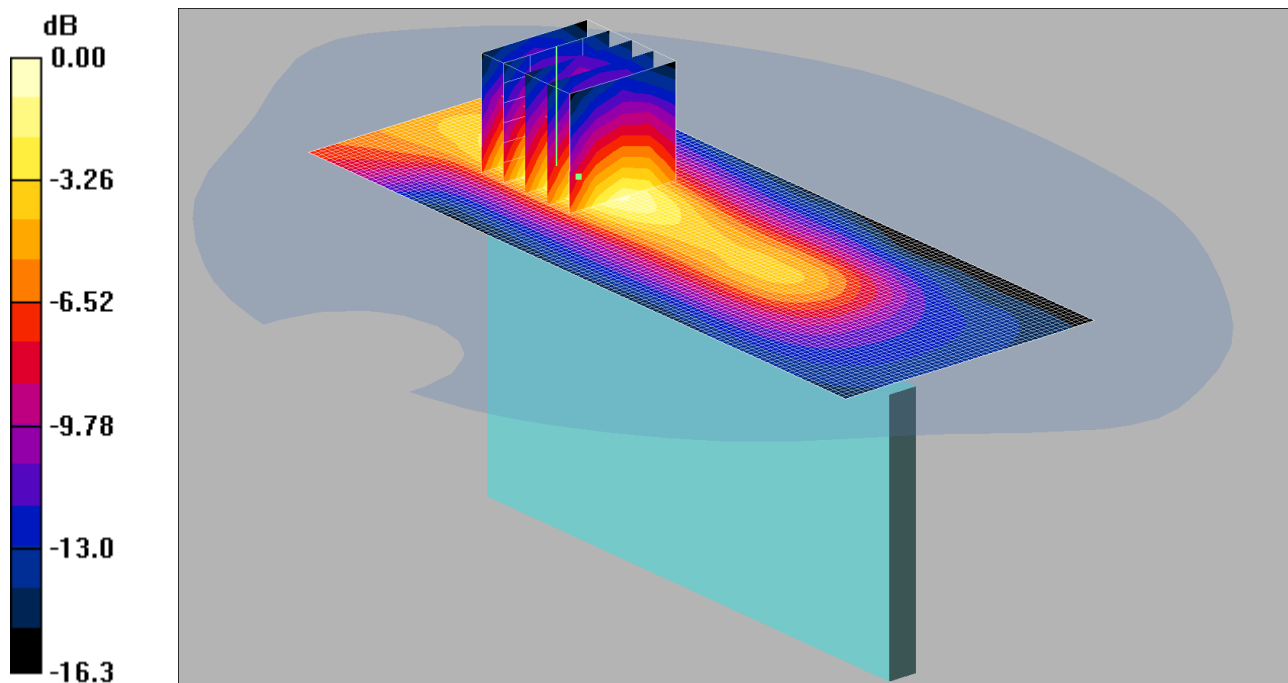
**SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.318 mW/g**

Maximum value of SAR (measured) = 0.701 mW/g

020: Left Hand Side of EUT Facing Phantom GPRS1900 CH661

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.083mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Left Hand Side of EUT Facing Phantom - Middle/Area Scan (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.085 mW/g

**Left Hand Side of EUT Facing Phantom - Middle/Do not use Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.67 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.124 W/kg

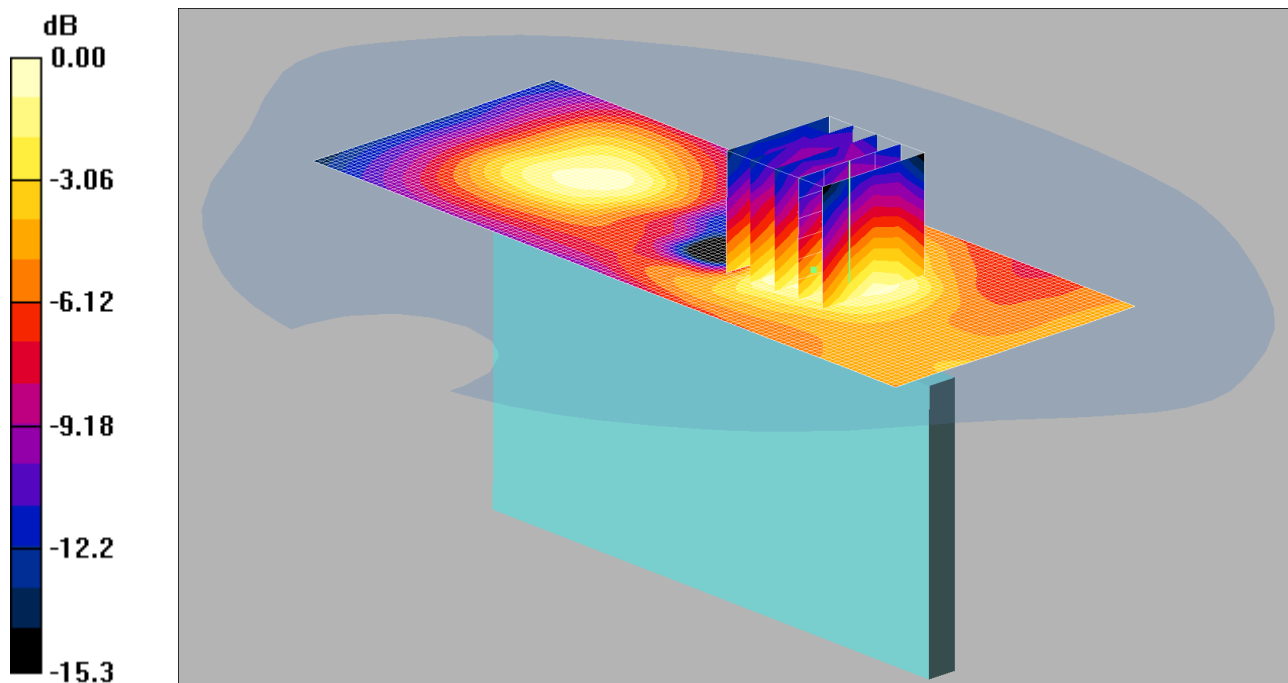
**SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.042 mW/g**

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

021: Right Hand Side of EUT Facing Phantom GPRS1900 CH661

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.043mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Right Hand Side of EUT Facing Phantom - Middle/Area Scan (51x131x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.051 mW/g

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

Reference Value = 4.79 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.058 W/kg

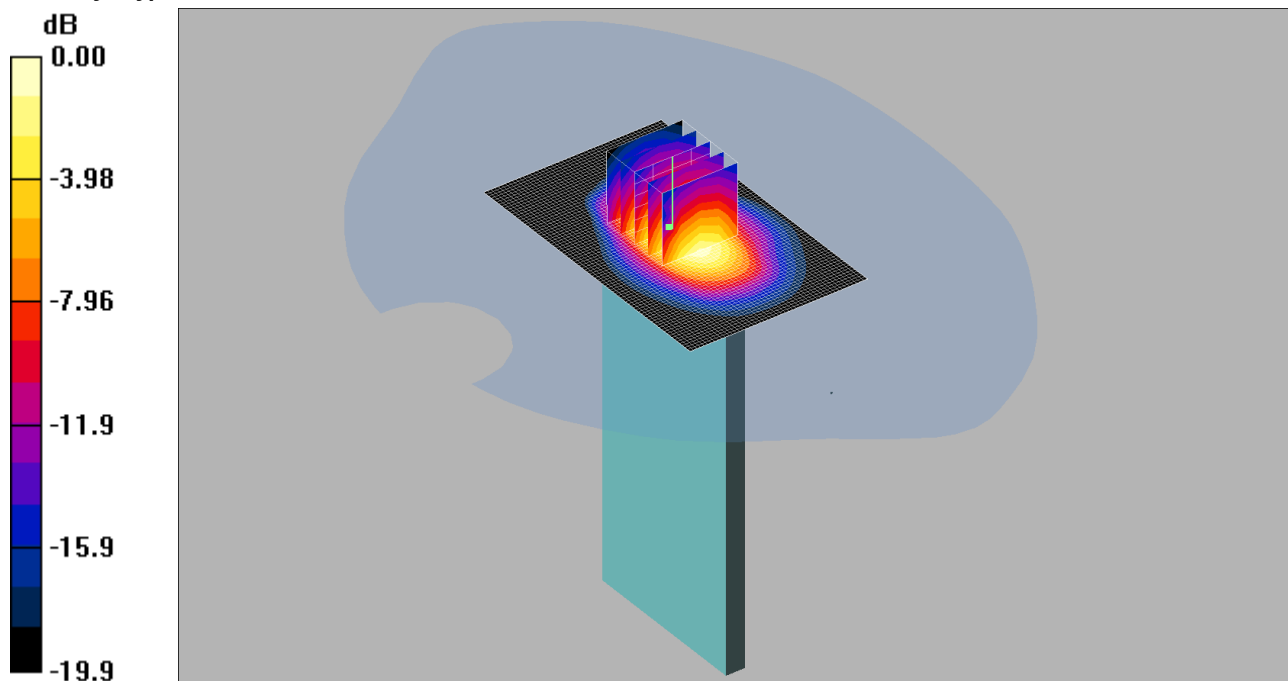
**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.025 mW/g**

Maximum value of SAR (measured) = 0.043 mW/g

022: Bottom of EUT Facing Phantom GPRS1900 CH661

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 1.08mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Bottom of EUT Facing Phantom - Middle/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.31 mW/g

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

Reference Value = 17.6 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 1.72 W/kg

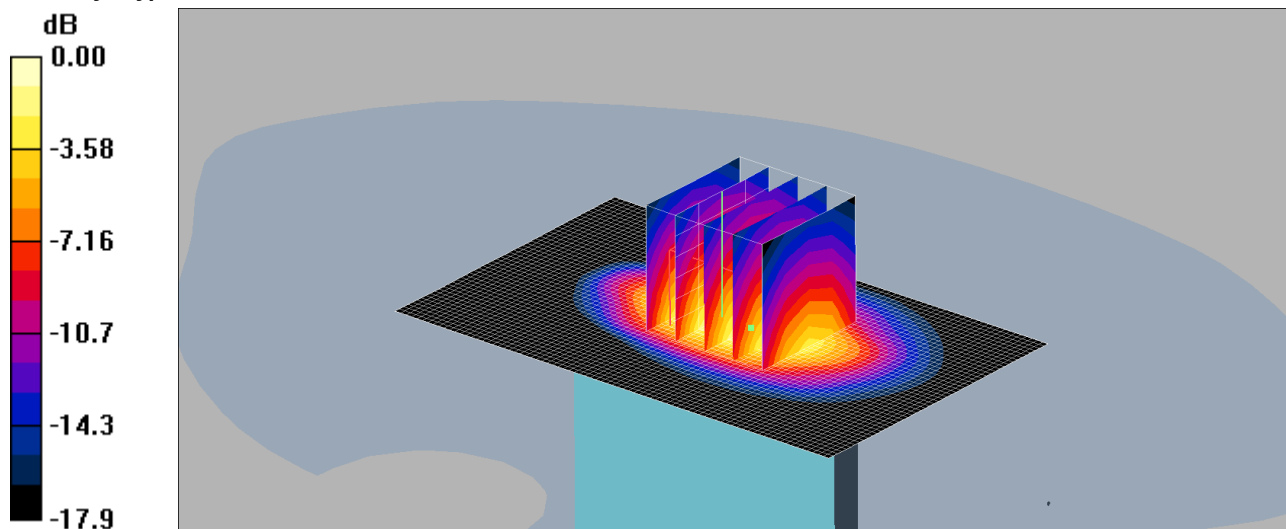
**SAR(1 g) = 0.981 mW/g; SAR(10 g) = 0.515 mW/g**

Maximum value of SAR (measured) = 1.08 mW/g

023: Bottom of EUT Facing Phantom GPRS1900 CH512

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.832mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Bottom of EUT Facing Phantom - Low 2 2 2/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.897 mW/g

**Bottom of EUT Facing Phantom - Low 2 2 2/Zoom Scan (5x5x7) 2 2 2 2 2 2 (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.8 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 1.30 W/kg

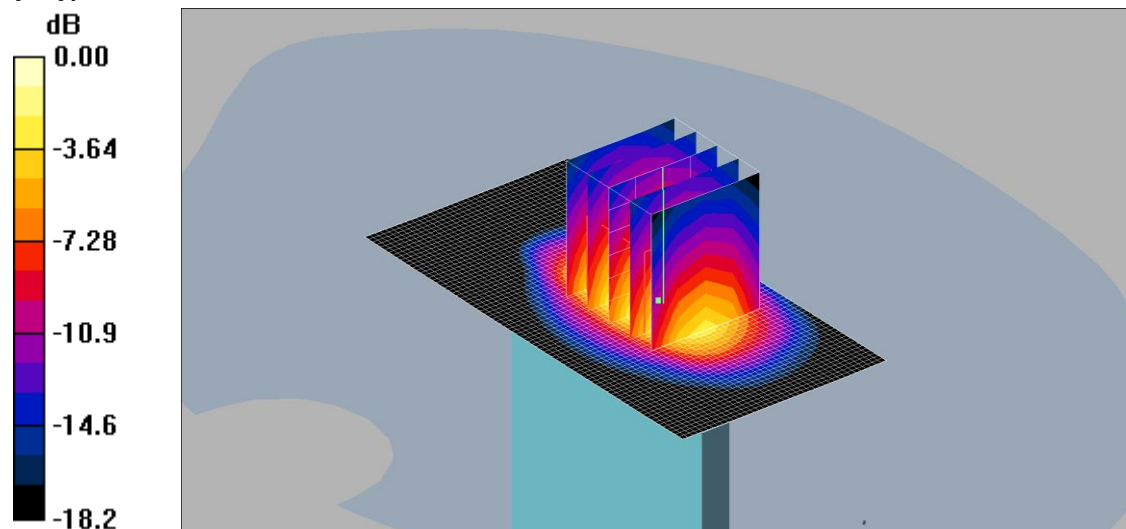
**SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.398 mW/g**

Maximum value of SAR (measured) = 0.832 mW/g

024: Bottom of EUT Facing Phantom GPRS1900 CH810

Date: 12/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 1.19mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Bottom of EUT Facing Phantom - Middle Repeat/Area Scan (41x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.36 mW/g

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

Reference Value = 25.5 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 1.89 W/kg

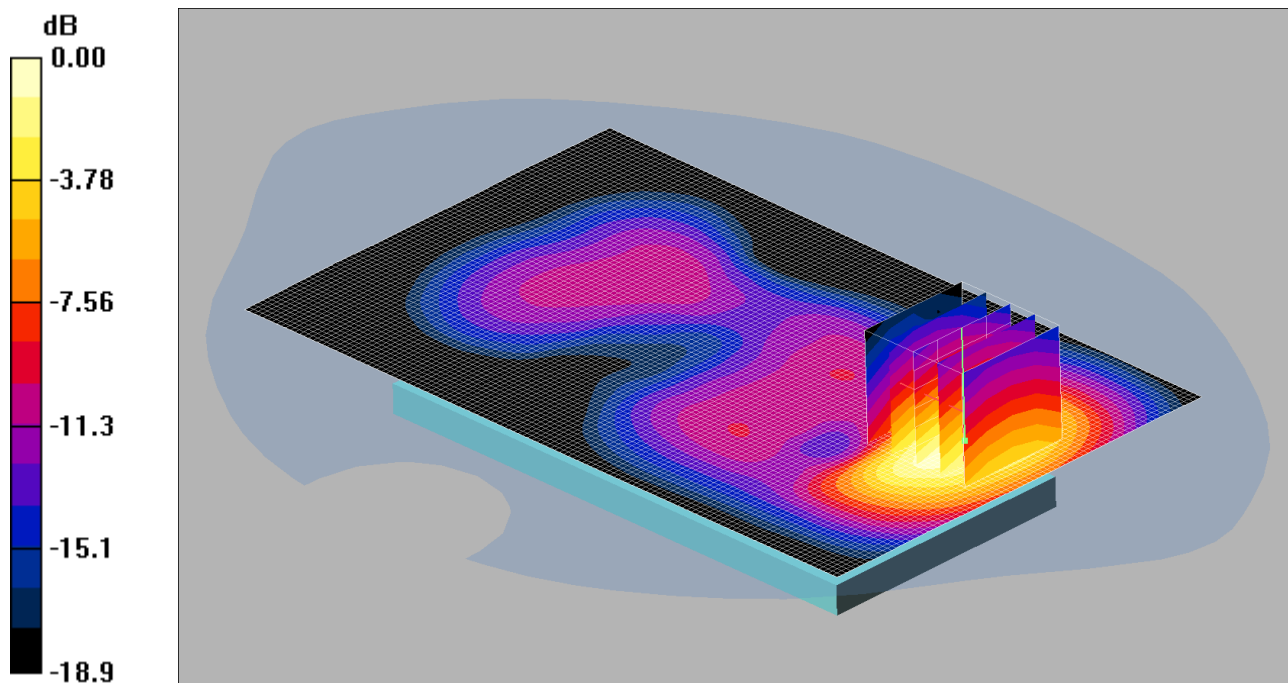
**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.573 mW/g**

Maximum value of SAR (measured) = 1.19 mW/g

025: Front of EUT Facing Phantom DTM Class 11 CH661

Date: 10/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.836mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom - Middle/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.875 mW/g

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

Reference Value = 22.0 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.26 W/kg

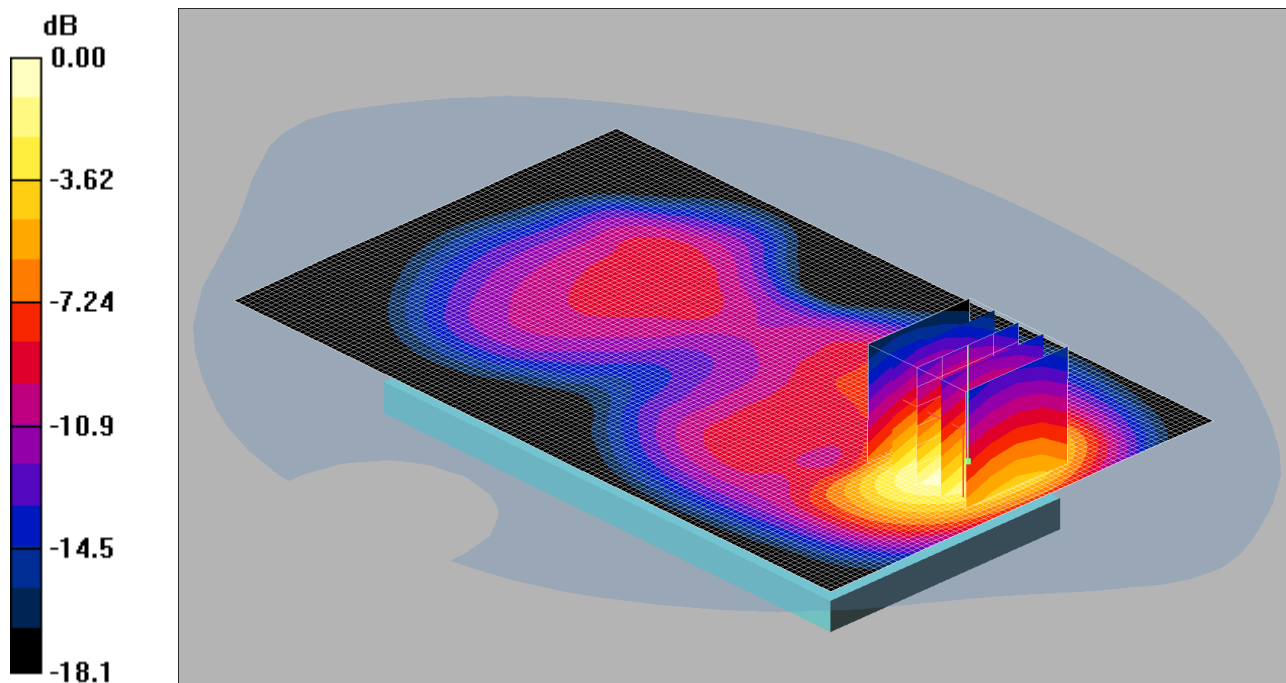
**SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.425 mW/g**

Maximum value of SAR (measured) = 0.836 mW/g

026: Front of EUT Facing Phantom DTM Class 11 CH512

Date: 10/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.823mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom - Low/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.808 mW/g

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

Reference Value = 22.0 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.20 W/kg

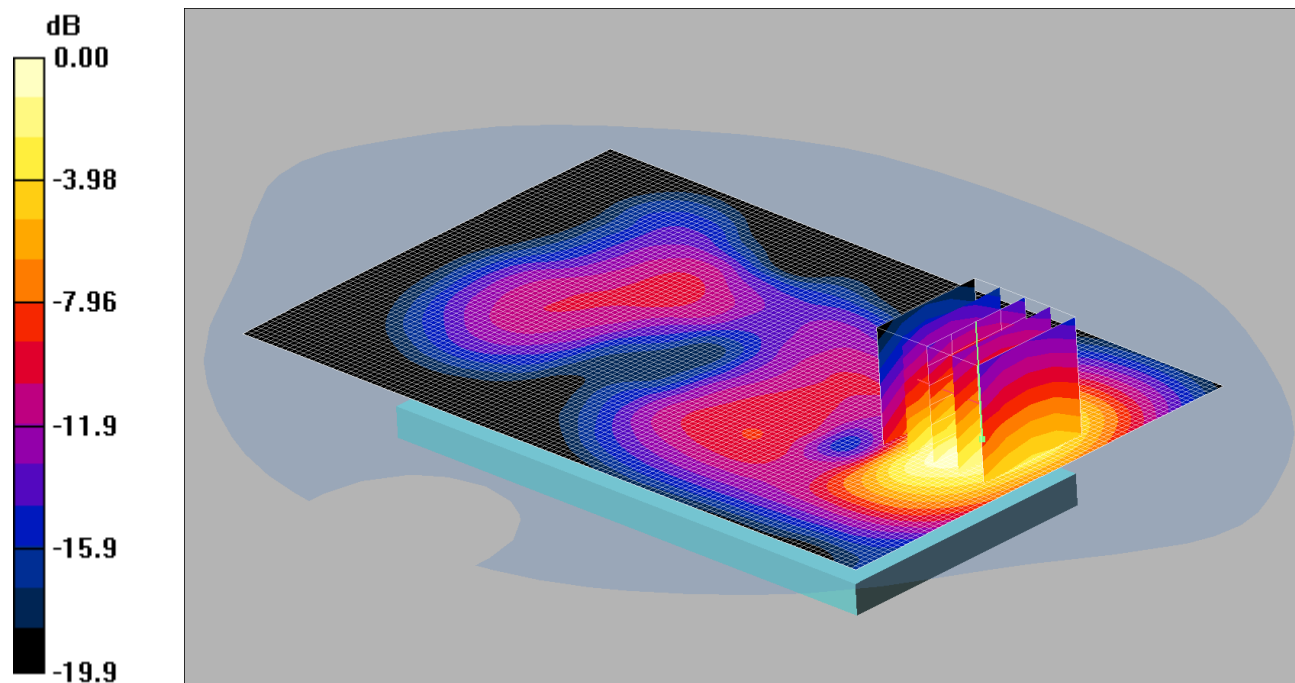
**SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.414 mW/g**

Maximum value of SAR (measured) = 0.823 mW/g

027: Front of EUT Facing Phantom DTM Class 11 CH810

Date: 10/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.762mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 50.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom - High/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.823 mW/g

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

Reference Value = 21.4 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 1.23 W/kg

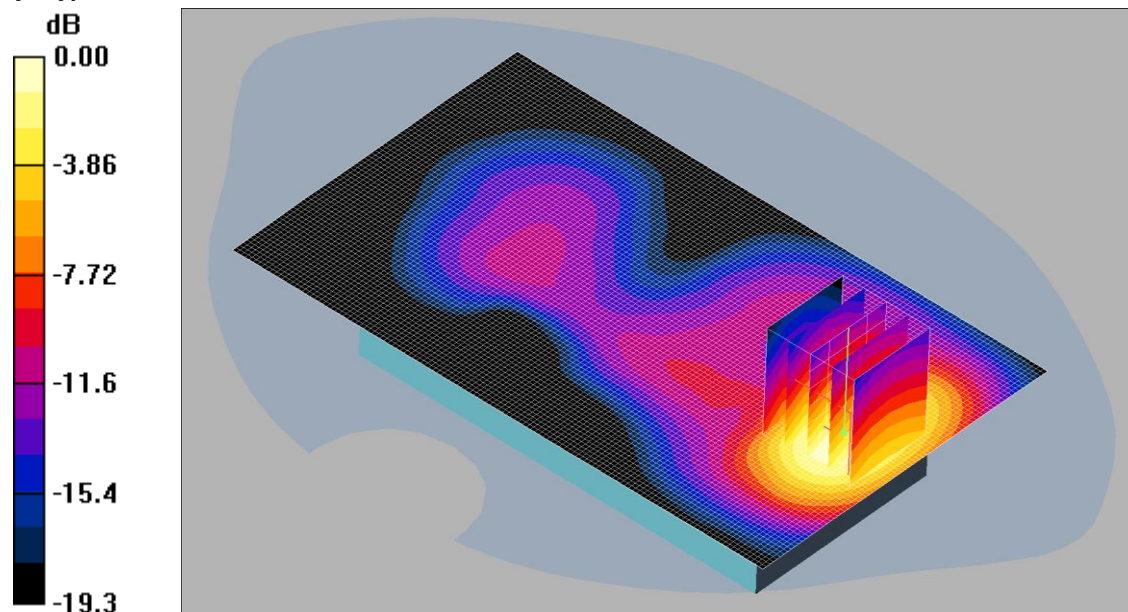
**SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.394 mW/g**

Maximum value of SAR (measured) = 0.762 mW/g

028: Back of EUT Facing Phantom DTM Class 11 CH661

Date: 10/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.747mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.752 mW/g

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

Reference Value = 4.90 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 1.15 W/kg

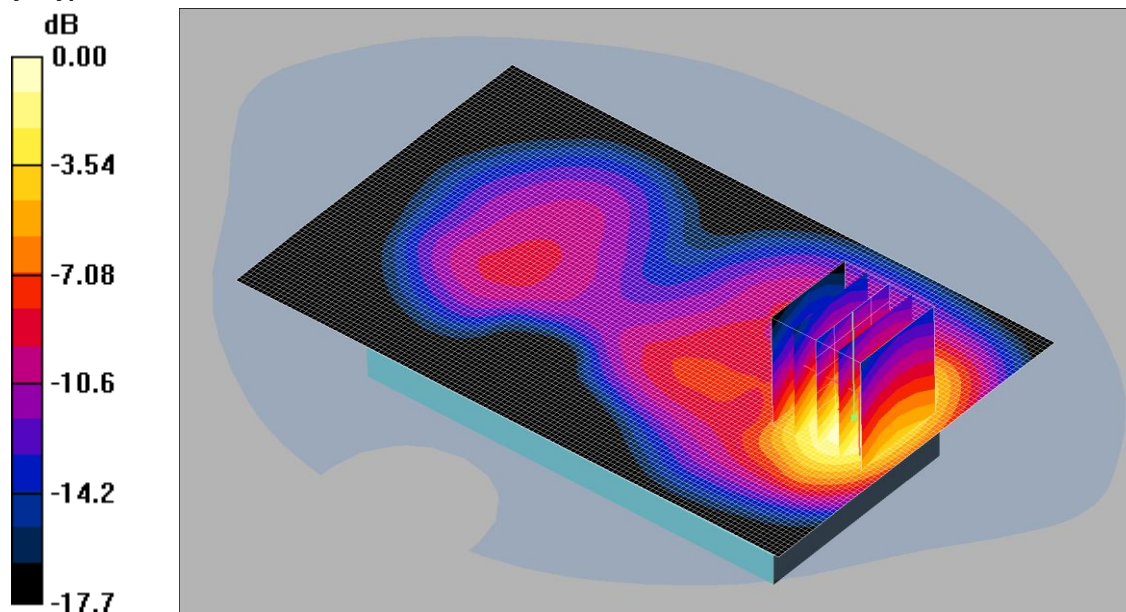
**SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.389 mW/g**

Maximum value of SAR (measured) = 0.747 mW/g

029: Back of EUT Facing Phantom DTM Class 11 CH512

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.664mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.643 mW/g

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

Reference Value = 5.67 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.997 W/kg

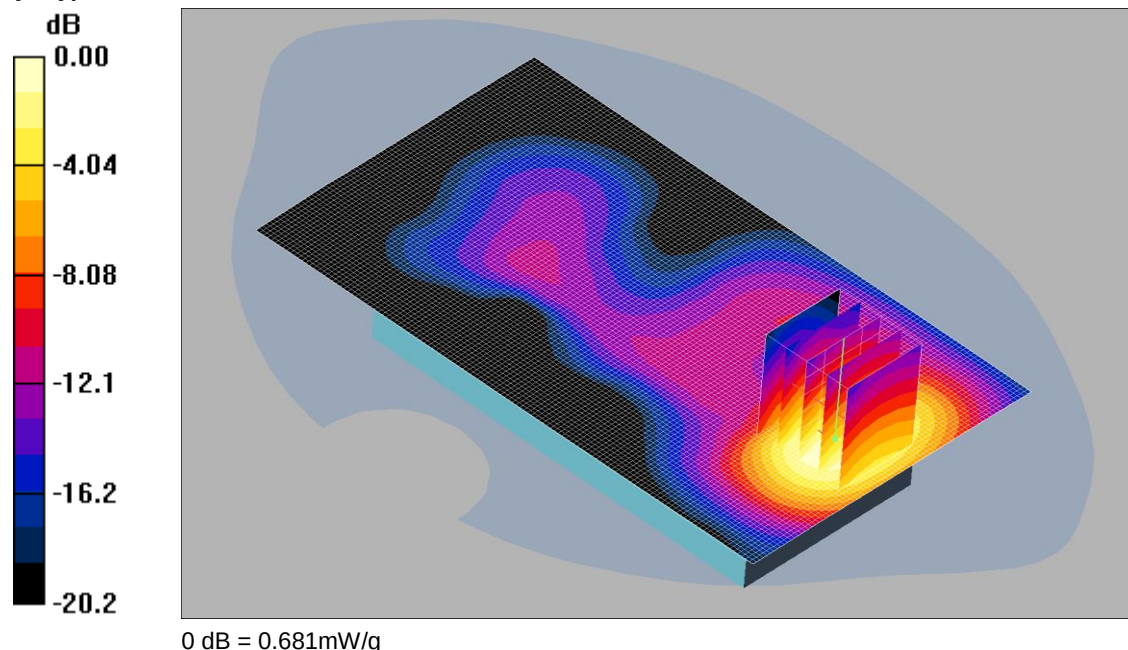
**SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.342 mW/g**

Maximum value of SAR (measured) = 0.664 mW/g

030: Back of EUT Facing Phantom DTM Class 11 CH810

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



Communication System: 1900 MHz DTM 11 3TX; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 50.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
  - Sensor-Surface: 4mm (Mechanical Surface Detection)
  - Electronics: DAE3 Sn432; Calibrated: 28/08/2013
  - Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
  - Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145
- Back of EUT Facing Phantom/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.700 mW/g

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

Reference Value = 4.45 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 1.05 W/kg

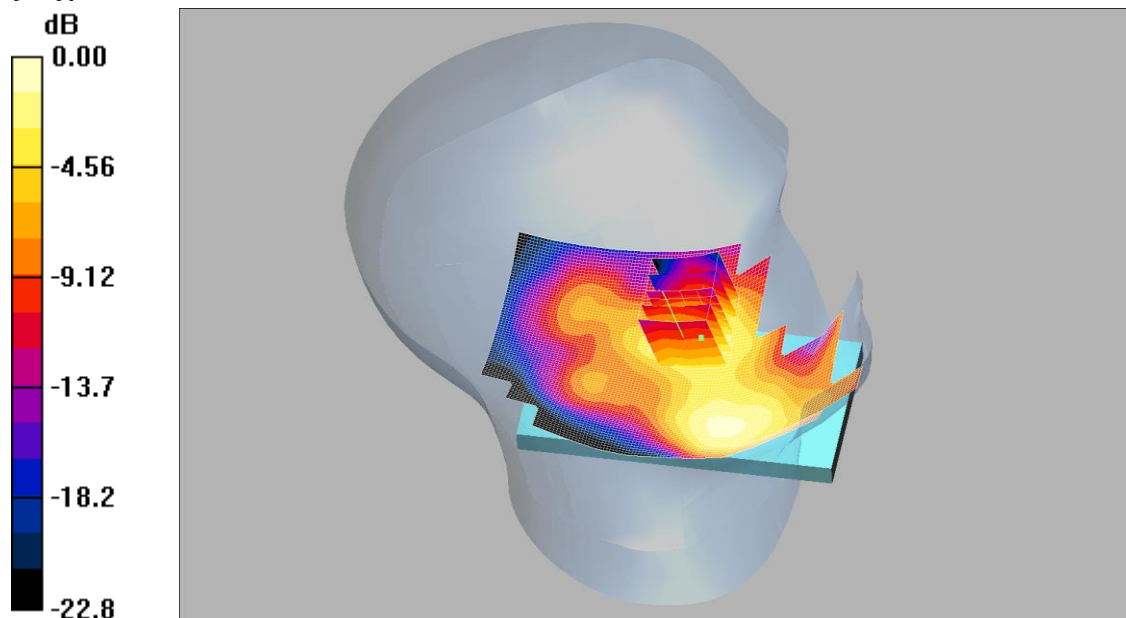
**SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.355 mW/g**

Maximum value of SAR (measured) = 0.681 mW/g

031: Touch Left UMTS FDD 2 CH9400

Date: 10/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.345mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.289 mW/g

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

Reference Value = 13.9 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 0.490 W/kg

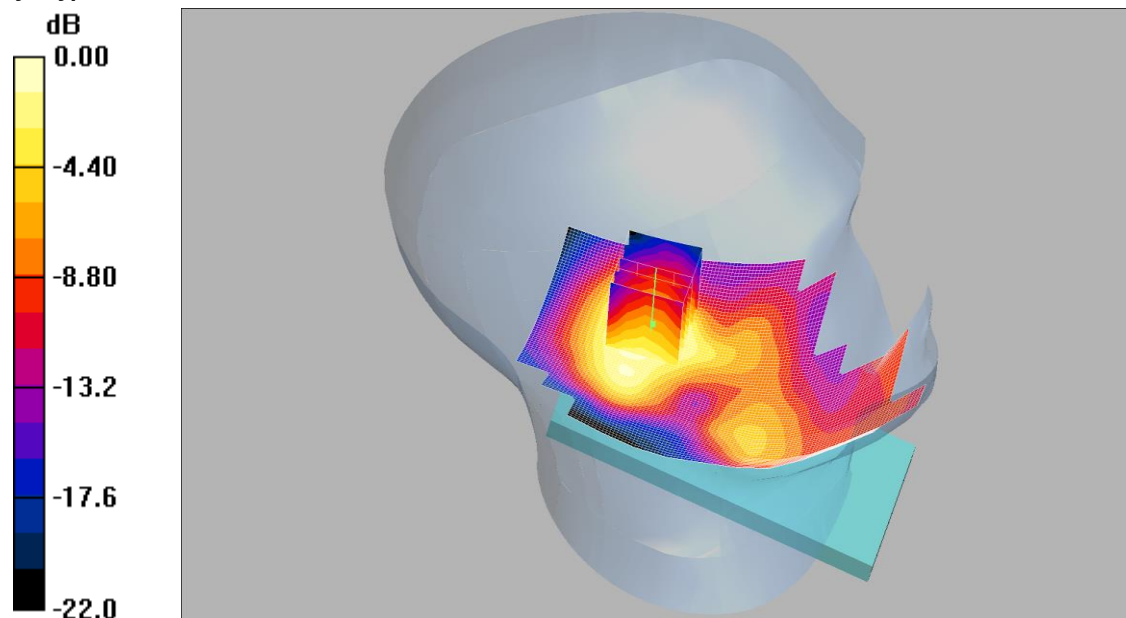
**SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.174 mW/g**

Maximum value of SAR (measured) = 0.345 mW/g

032: Tilt Left UMTS FDD 2 CH9400

Date: 10/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.149mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.157 mW/g

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

Reference Value = 10.5 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.217 W/kg

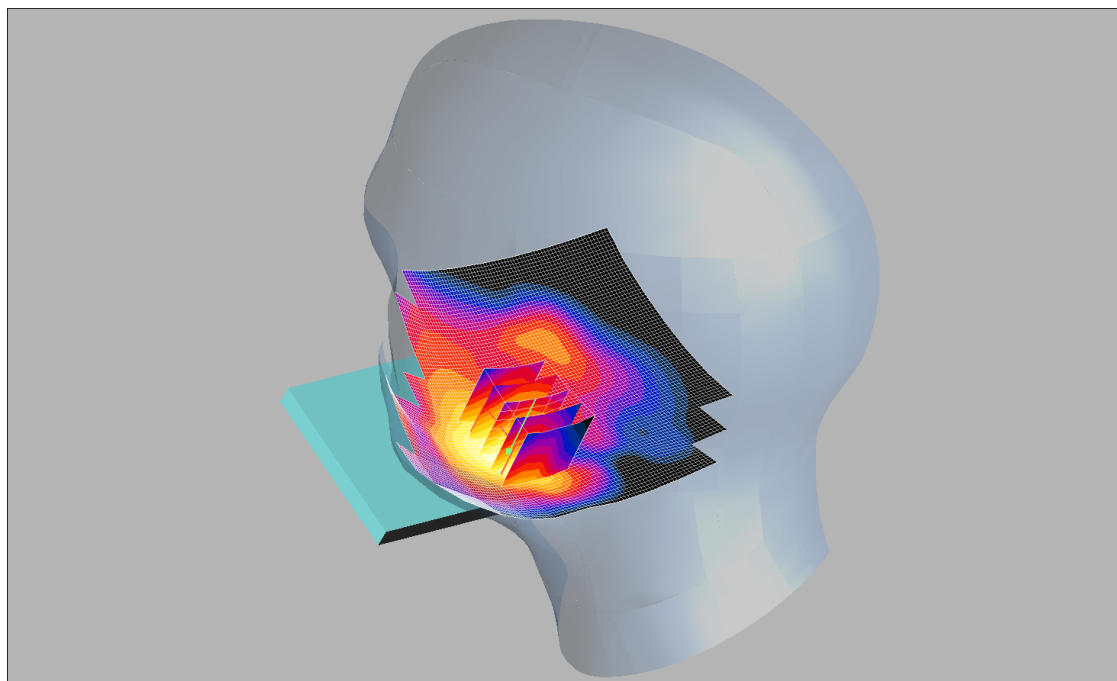
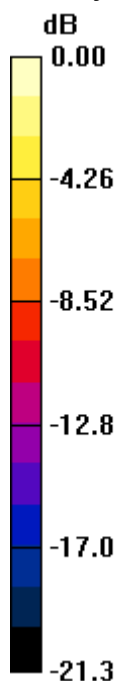
**SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.084 mW/g**

Maximum value of SAR (measured) = 0.149 mW/g

033: Touch Right UMTS FDD 2 CH9400

Date: 10/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.526mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.513 mW/g

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

Reference Value = 20.2 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.810 W/kg

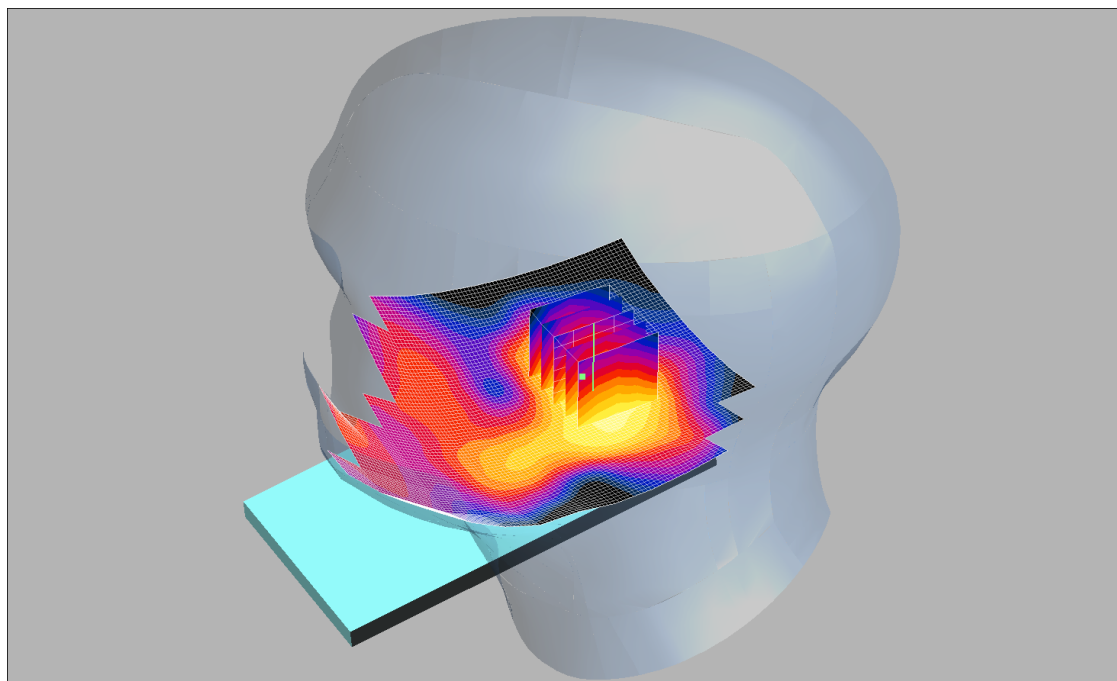
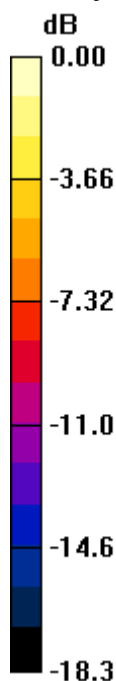
**SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.268 mW/g**

Maximum value of SAR (measured) = 0.526 mW/g

034: Tilt Right UMTS FDD 2 CH9400

Date: 10/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.131mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

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

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

Reference Value = 5.21 V/m; Power Drift = 0.256 dB

Peak SAR (extrapolated) = 0.206 W/kg

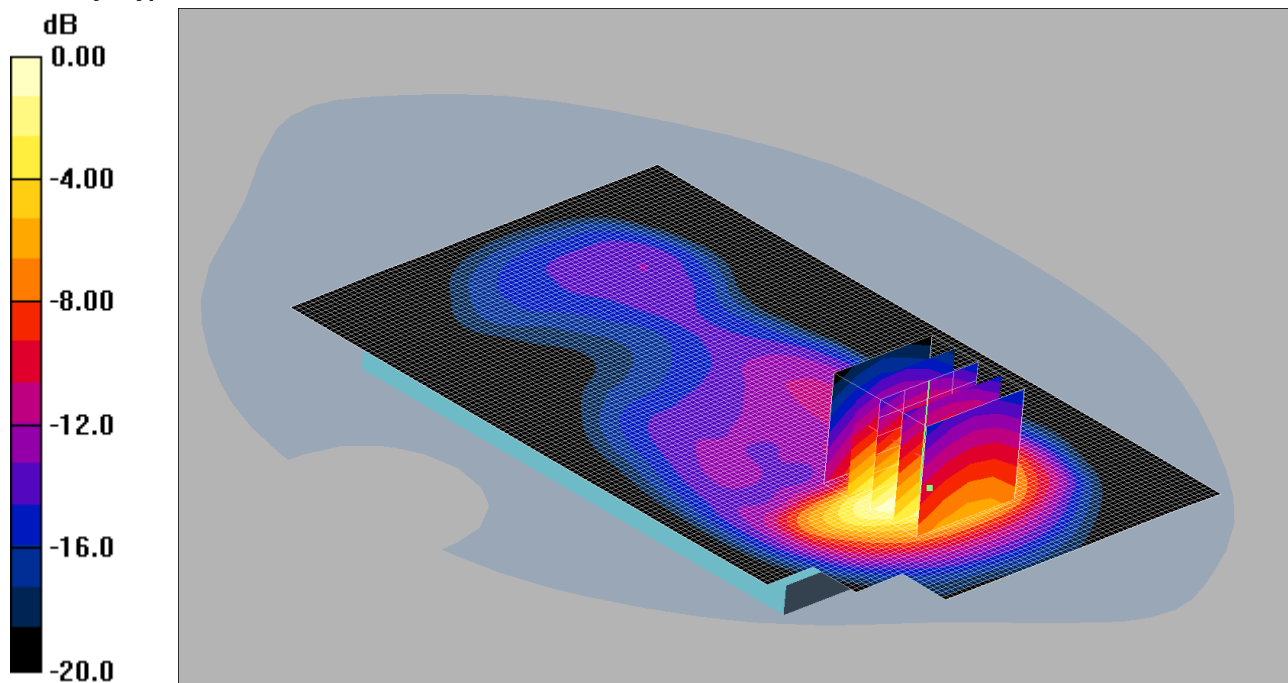
**SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.070 mW/g**

Maximum value of SAR (measured) = 0.131 mW/g

035: Front of EUT Facing Phantom UMTS FDD 2 CH9400

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.687mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom- Middle /Area Scan 2 (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.719 mW/g

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

Reference Value = 3.64 V/m; Power Drift = 0.107 dB

Peak SAR (extrapolated) = 1.08 W/kg

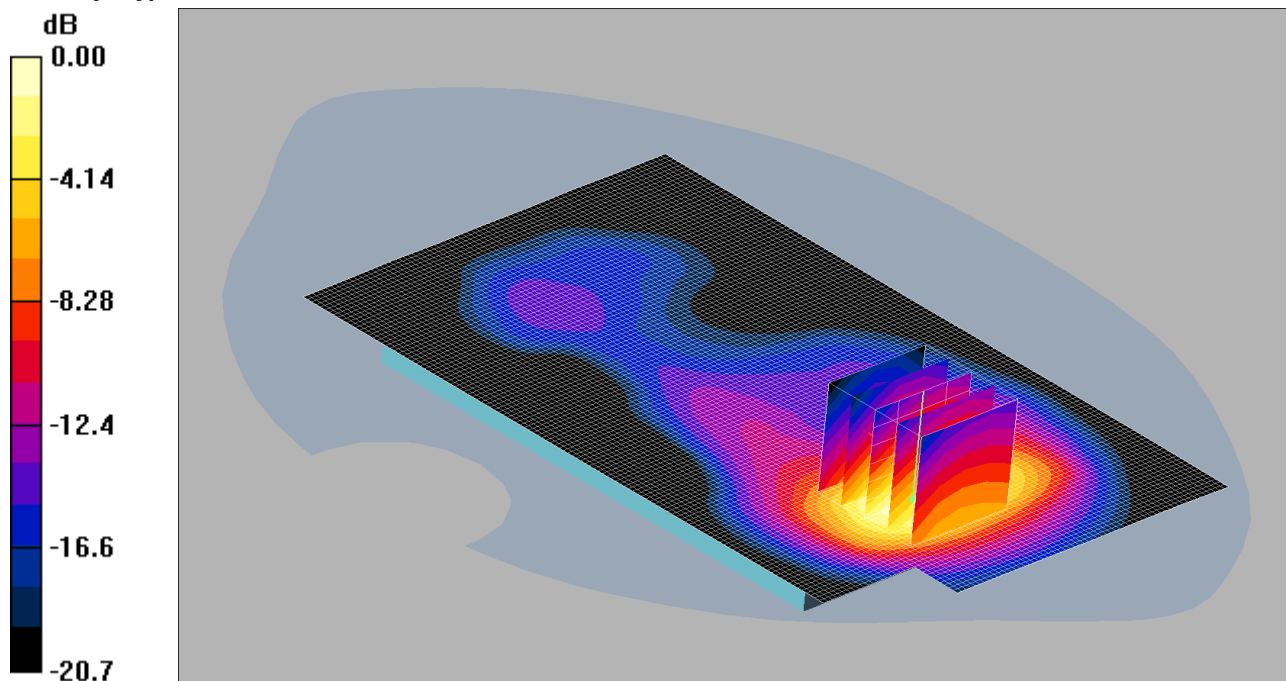
**SAR(1 g) = 0.609 mW/g; SAR(10 g) = 0.319 mW/g**

Maximum value of SAR (measured) = 0.687 mW/g

036: Back of EUT Facing Phantom UMTS FDD 2 CH9400

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.662mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom- Middle /Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.665 mW/g

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

Reference Value = 3.22 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 1.04 W/kg

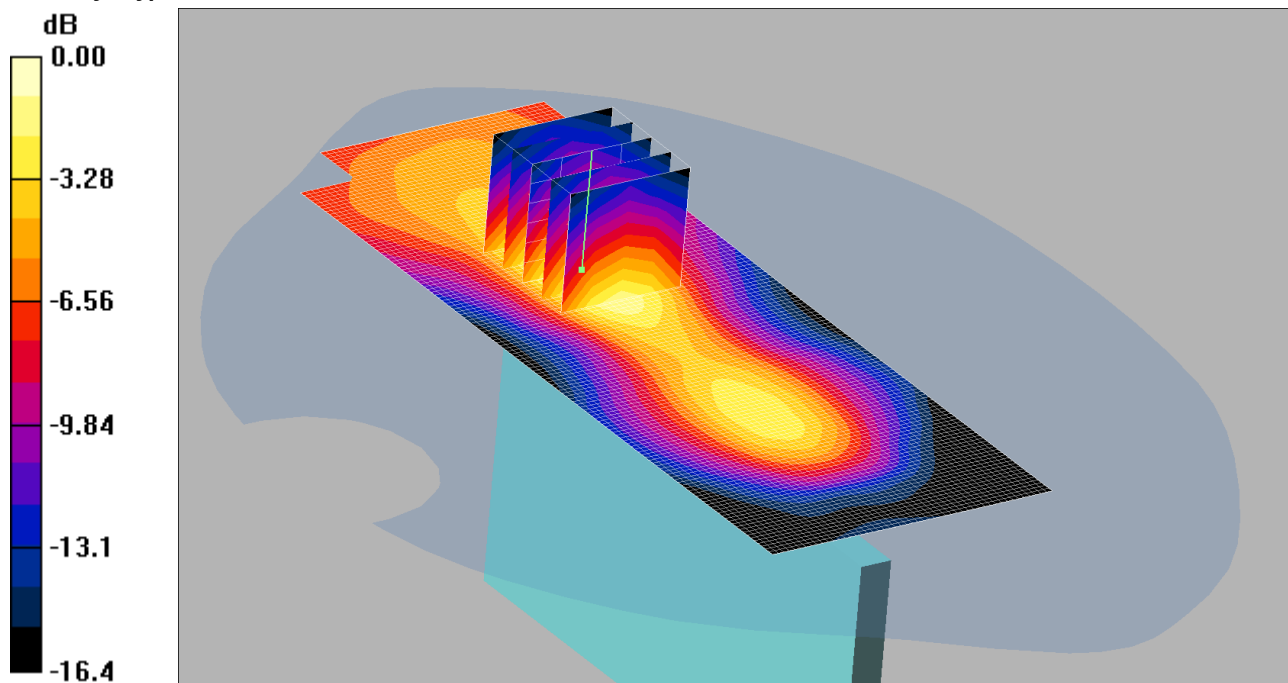
**SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.306 mW/g**

Maximum value of SAR (measured) = 0.662 mW/g

037: Left Hand Side of EUT Facing Phantom UMTS FDD 2 CH9400

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.071mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Left Hand Side of EUT Facing Phantom- Middle /Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.069 mW/g

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

Reference Value = 4.57 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.104 W/kg

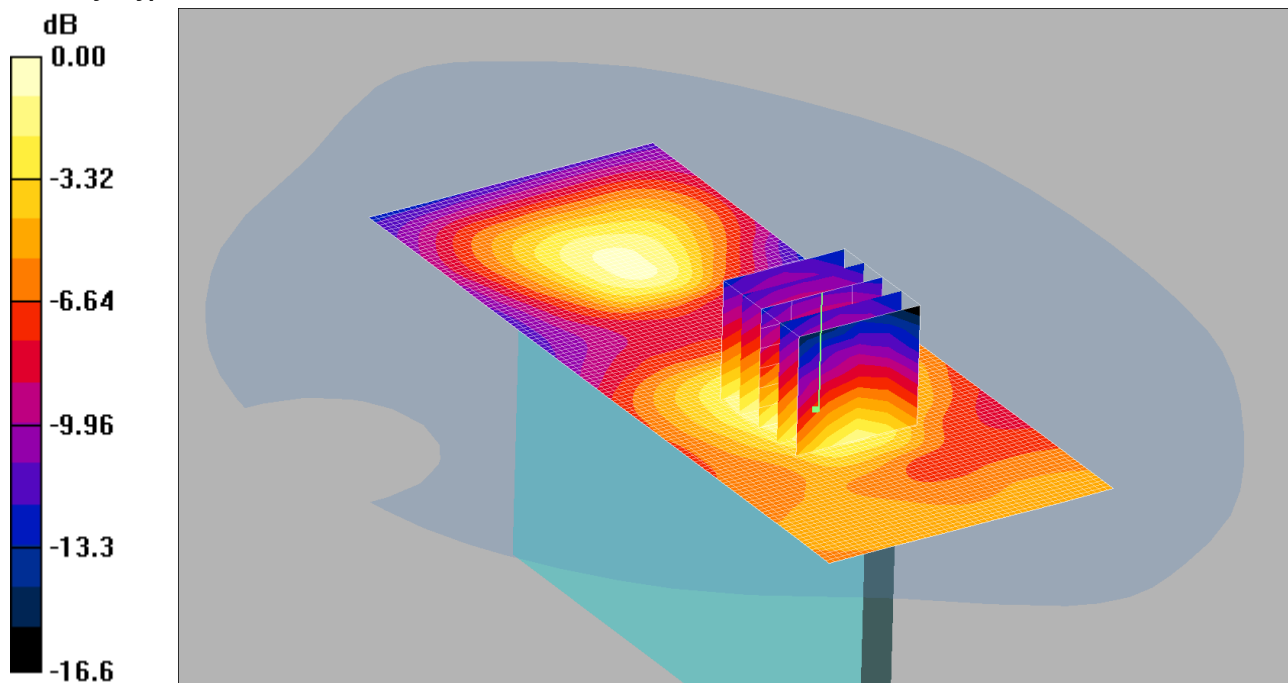
**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.071 mW/g

038: Right Hand Side of EUT Facing Phantom UMTS FDD 2 CH9400

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.046mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Right Hand Side of EUT Facing Phantom- Middle /Area Scan 2 (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.047 mW/g

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

Reference Value = 1.95 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.066 W/kg

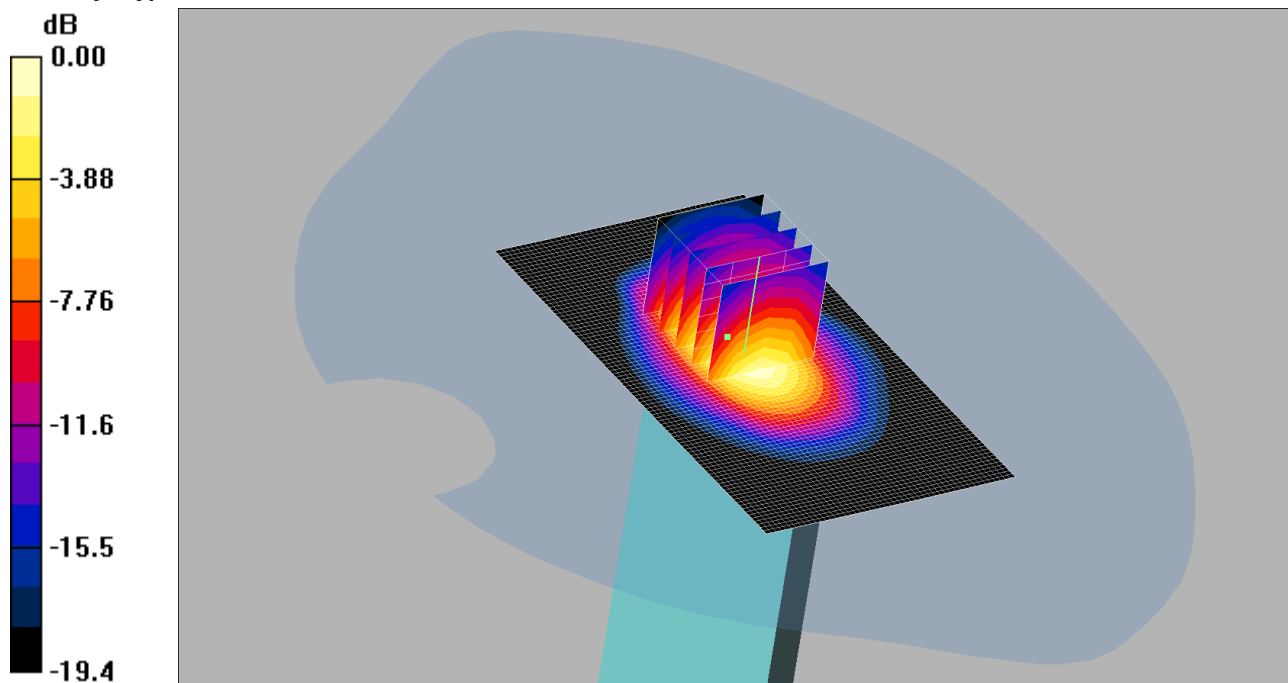
**SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.046 mW/g

039: Bottom of EUT Facing Phantom UMTS FDD 2 CH9400

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.939mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Bottom of EUT Facing Phantom- Middle /Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.14 mW/g

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

Reference Value = 26.0 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.46 W/kg

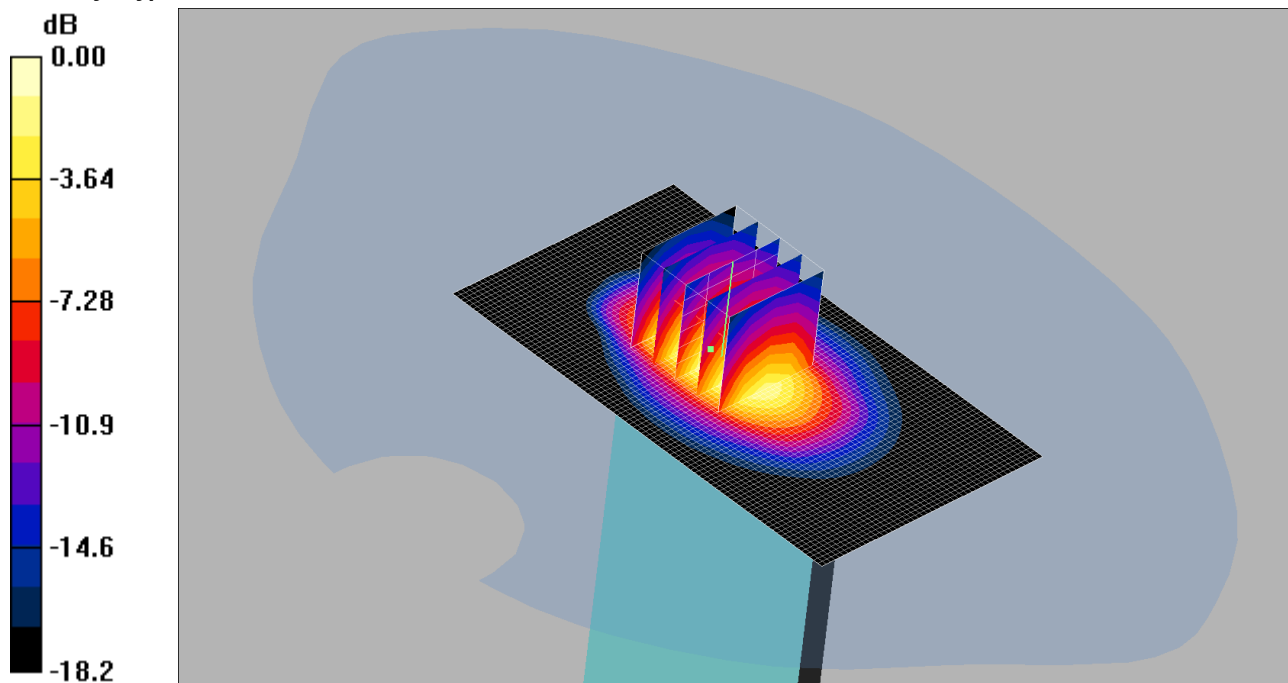
**SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.450 mW/g**

Maximum value of SAR (measured) = 0.939 mW/g

040: Bottom of EUT Facing Phantom UMTS FDD 2 CH9262

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.769mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Bottom of EUT Facing Phantom-Low/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.948 mW/g

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

Reference Value = 23.3 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.17 W/kg

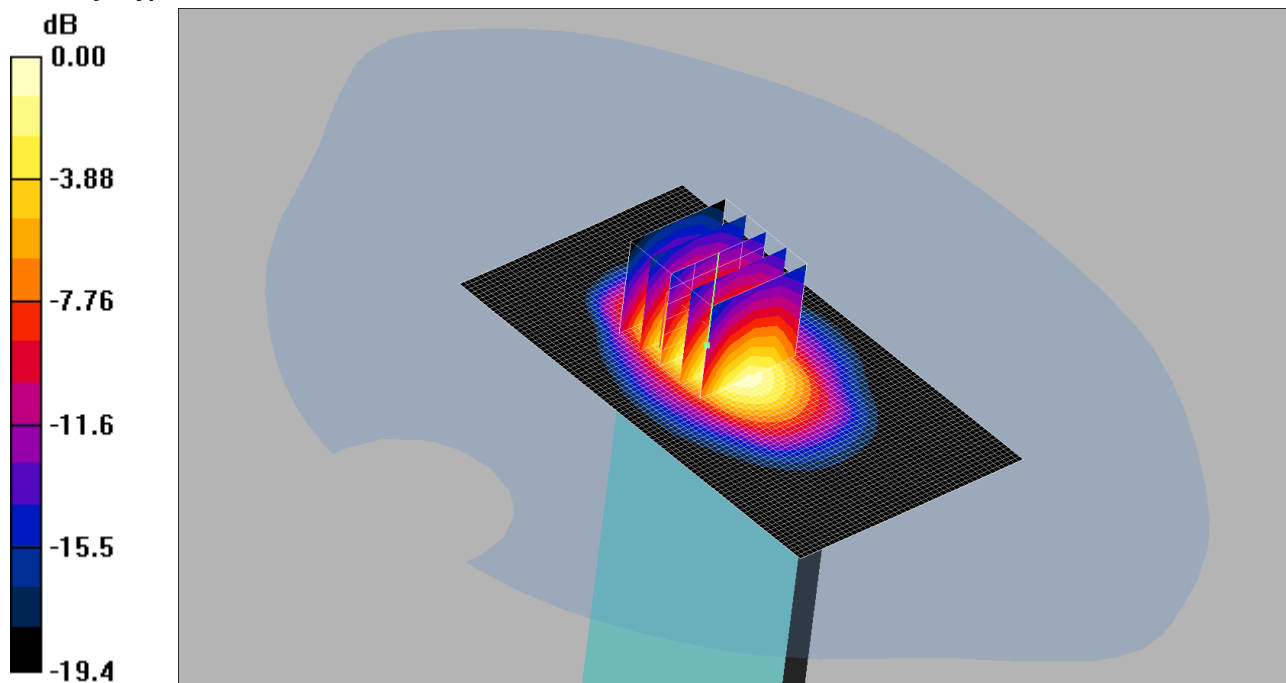
**SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.365 mW/g**

Maximum value of SAR (measured) = 0.769 mW/g

041: Bottom of EUT Facing Phantom UMTS FDD 2 CH9538

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.996mW/g

Communication System: UMTS-FDD II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 50.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Bottom of EUT Facing Phantom-High/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.24 mW/g

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

Reference Value = 26.8 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.58 W/kg

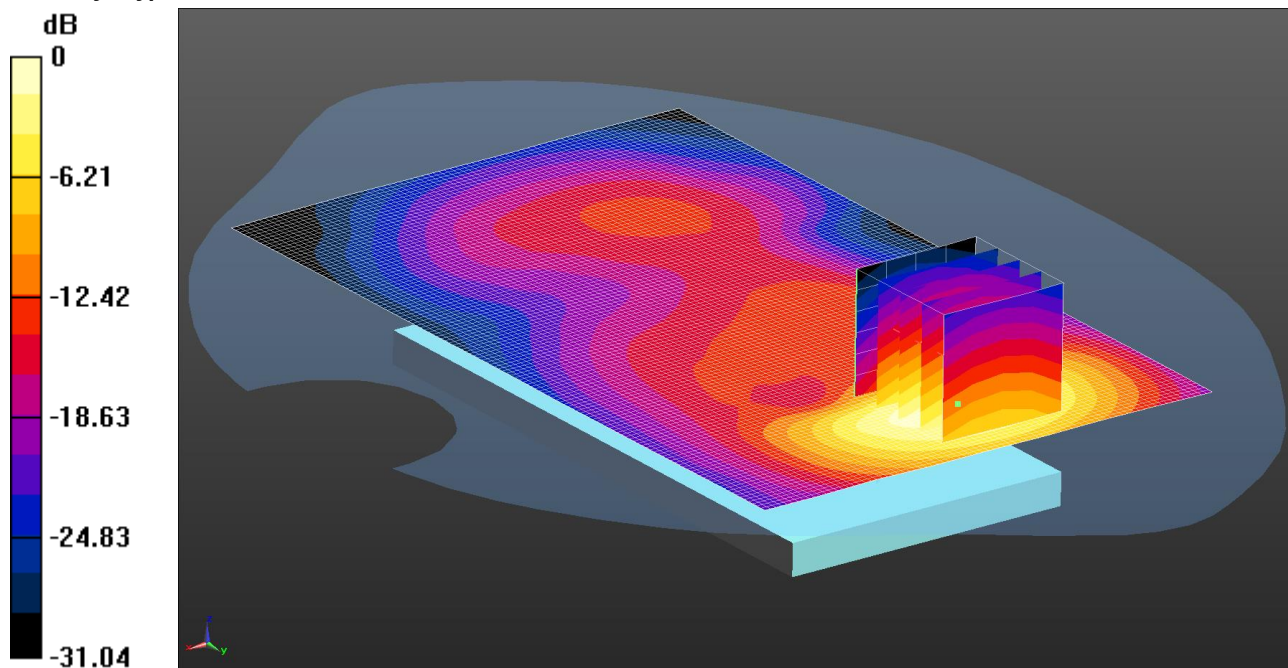
**SAR(1 g) = 0.906 mW/g; SAR(10 g) = 0.479 mW/g**

Maximum value of SAR (measured) = 0.996 mW/g

042: Front of EUT Facing Phantom UMTS FDD 2 CH9400

Date: 11/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



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

Communication System: UID 0, UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.484$  S/m;  $\epsilon_r = 50.918$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67); Calibrated: 2/9/13;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/8/13
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- ; SEMCAD X Version 14.6.10 (7331)

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

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

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

Reference Value = 5.403 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.94 W/kg

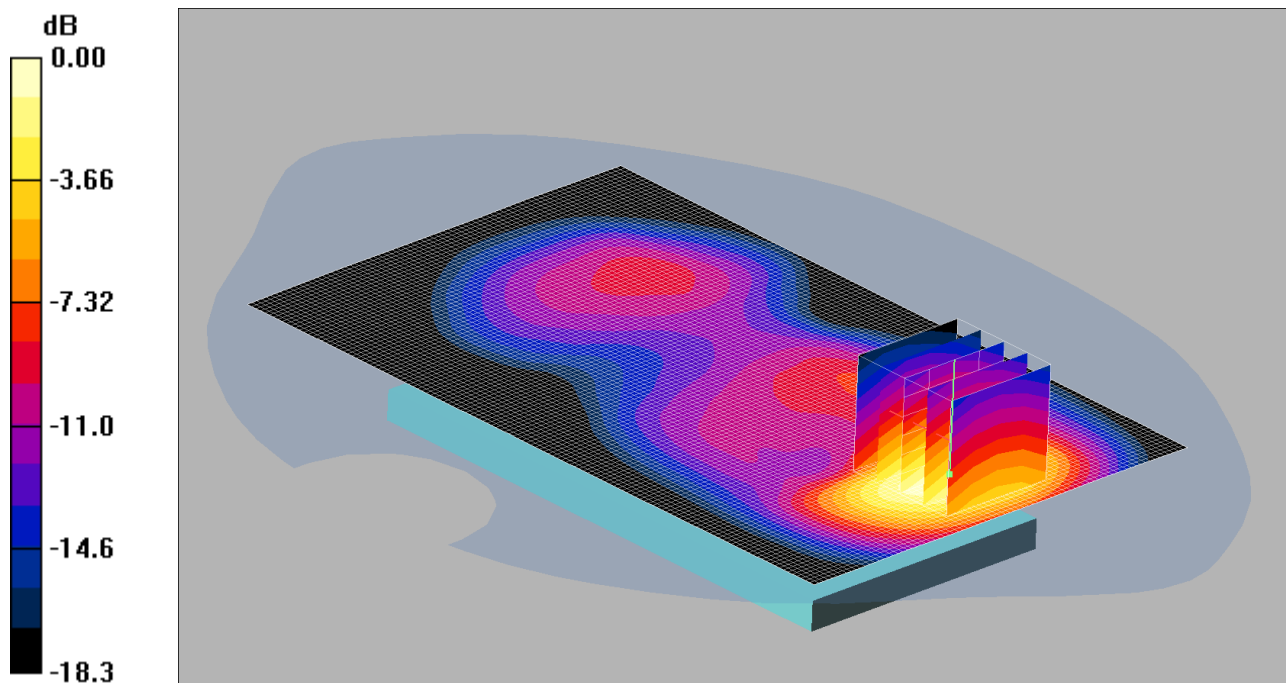
**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.656 W/kg**

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

043: Front of EUT Facing Phantom UMTS FDD 2 CH9262

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 1.17mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom - Low/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.17 mW/g

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

Reference Value = 26.6 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.74 W/kg

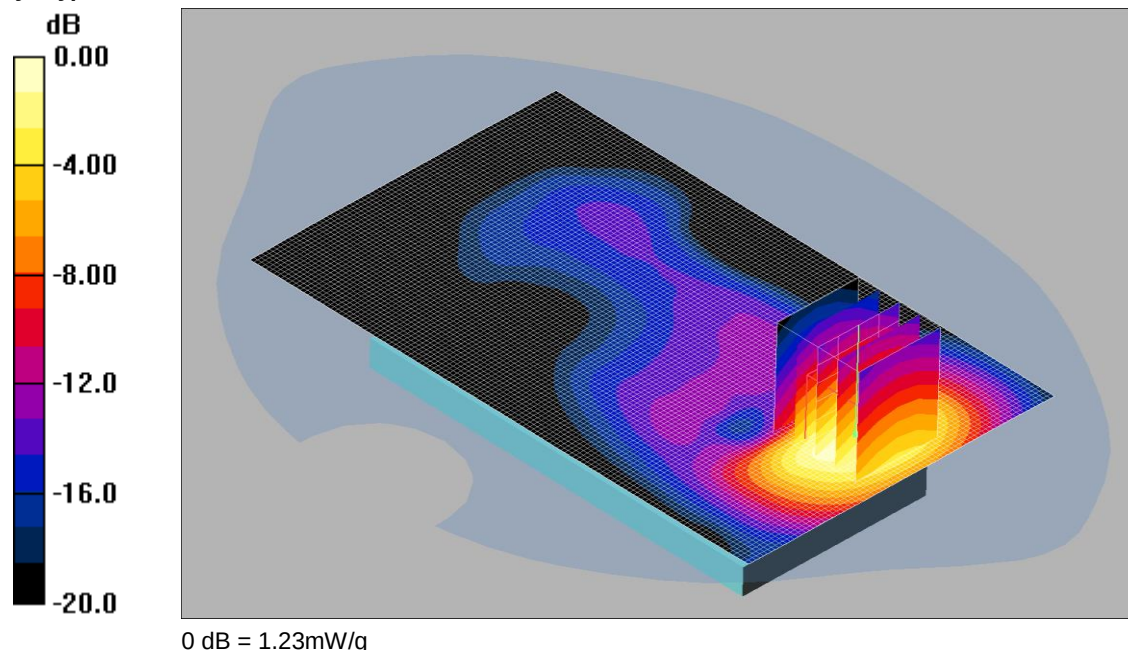
**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.594 mW/g**

Maximum value of SAR (measured) = 1.17 mW/g

044: Front of EUT Facing Phantom UMTS FDD 2 CH9538

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 1.23mW/g

Communication System: UMTS-FDD II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 50.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom - High/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.29 mW/g

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

Reference Value = 27.3 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 1.89 W/kg

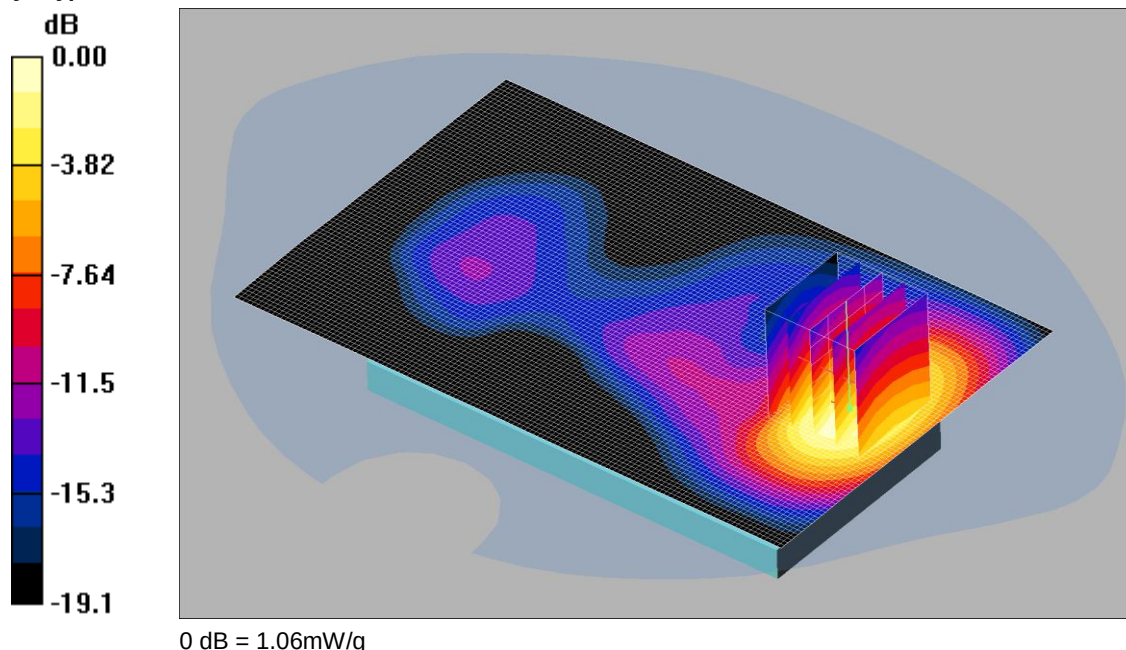
**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.625 mW/g**

Maximum value of SAR (measured) = 1.23 mW/g

045: Back of EUT Facing Phantom UMTS FDD 2 CH9400

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 1.06mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.11 mW/g

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

Reference Value = 27.3 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 1.62 W/kg

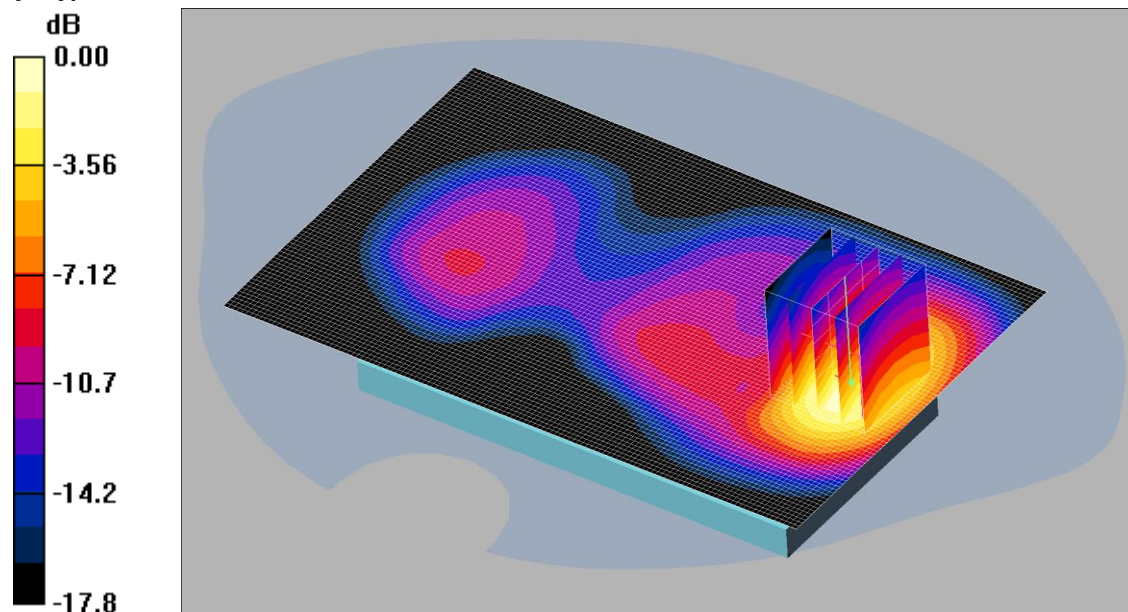
**SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.550 mW/g**

Maximum value of SAR (measured) = 1.06 mW/g

046: Back of EUT Facing Phantom UMTS FDD 2 CH9262

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.977mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.998 mW/g

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

Reference Value = 26.5 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.47 W/kg

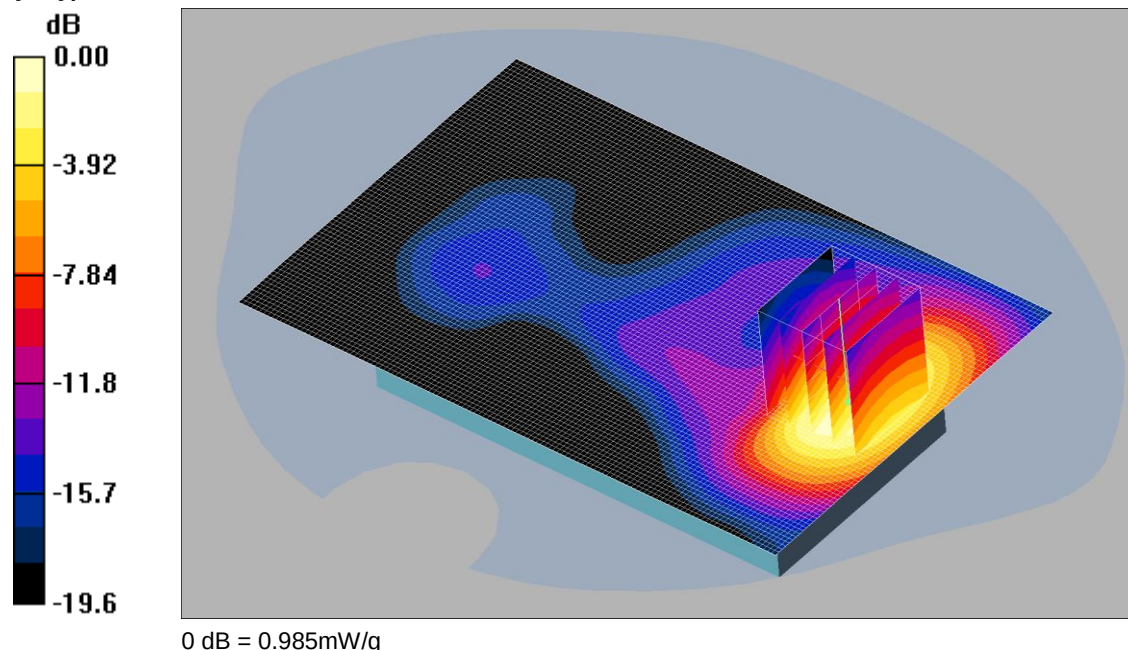
**SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.505 mW/g**

Maximum value of SAR (measured) = 0.977 mW/g

047: Back of EUT Facing Phantom UMTS FDD 2 CH9538

Date: 11/06/2014

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.985mW/g

Communication System: UMTS-FDD II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 50.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.05 mW/g

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

Reference Value = 4.66 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 1.51 W/kg

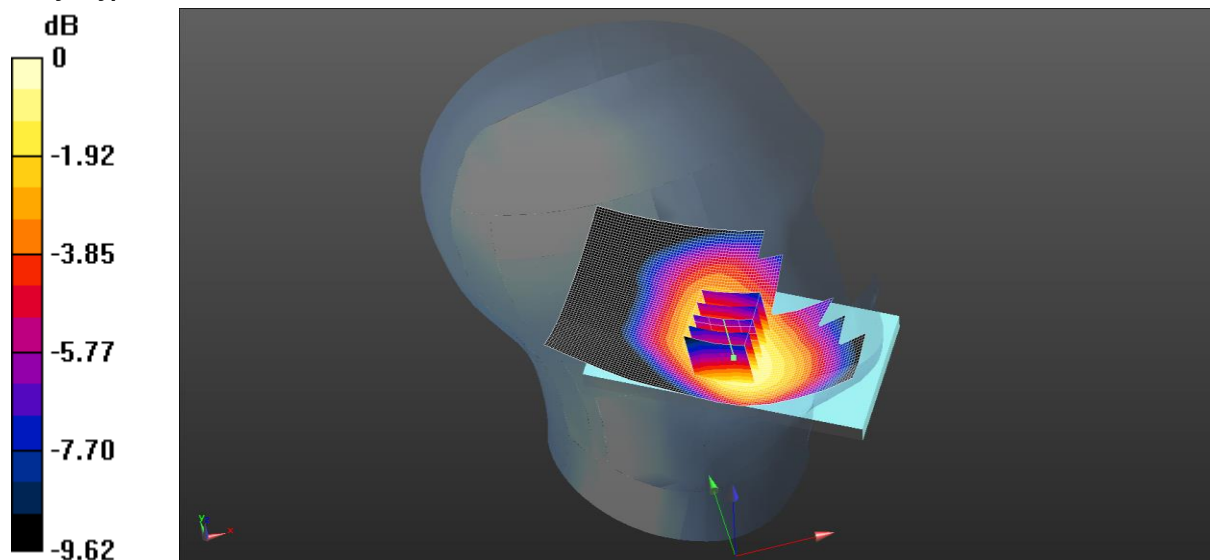
**SAR(1 g) = 0.903 mW/g; SAR(10 g) = 0.513 mW/g**

Maximum value of SAR (measured) = 0.985 mW/g

048: Touch Left UMTS FDD 5 CH4183

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.393 W/kg = -4.06 dBW/kg

Communication System: UID 0, UMTS FDD (5); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Left - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.383 W/kg

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

Reference Value = 6.664 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.429 W/kg

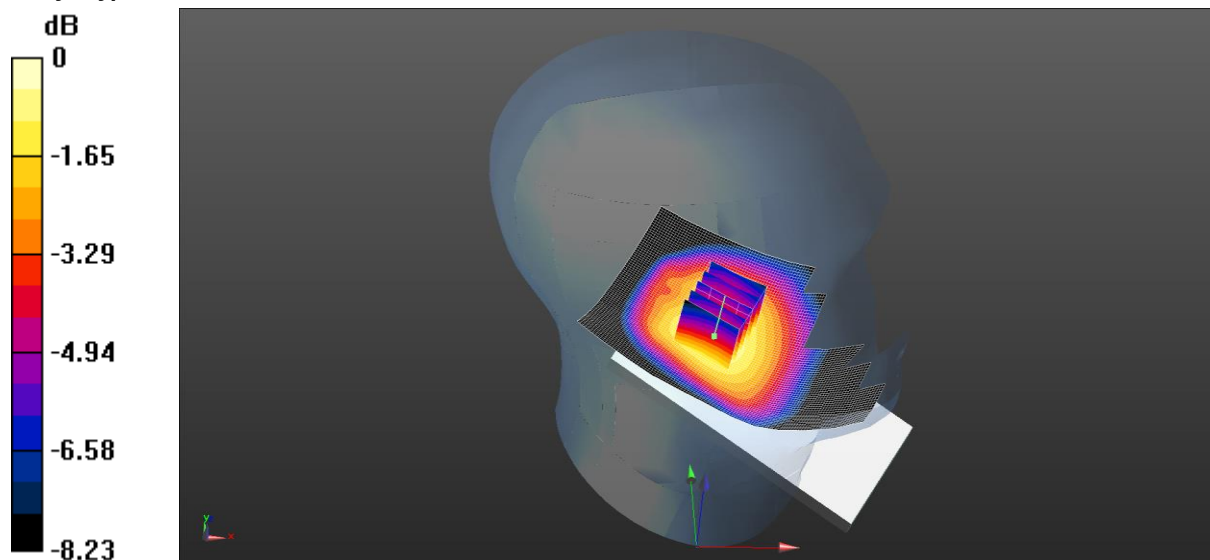
**SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.260 W/kg**

Maximum value of SAR (measured) = 0.393 W/kg

049: Tilt Left UMTS FDD 5 CH4183

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



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

Communication System: UID 0, UMTS FDD (5); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Tilt Left - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.194 W/kg

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

Reference Value = 7.691 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.227 W/kg

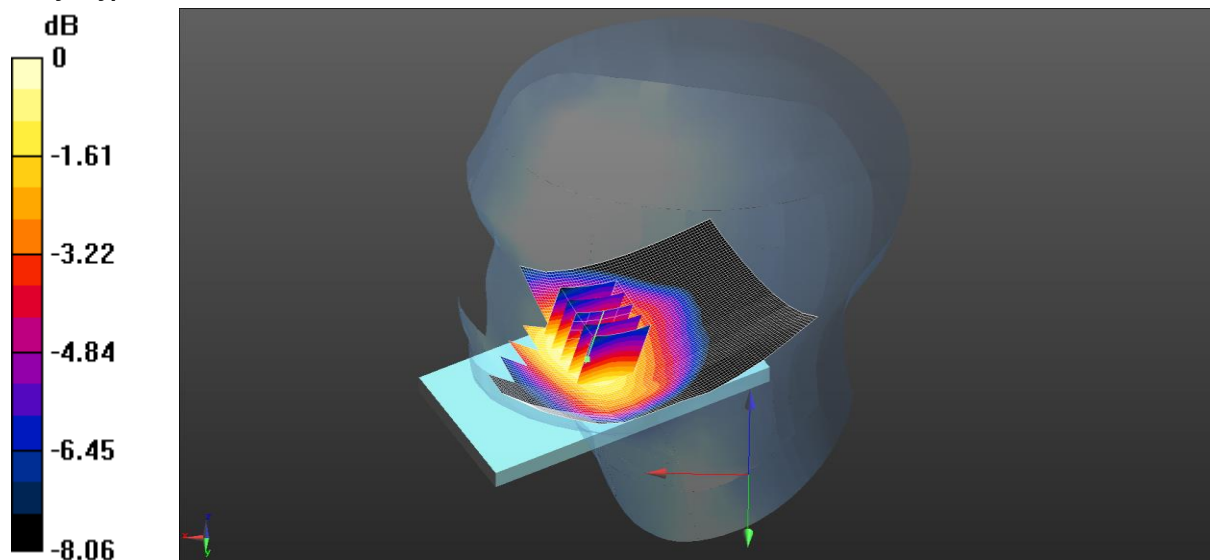
**SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.142 W/kg**

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

050: Touch Right UMTS FDD 5 CH4183

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



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

Communication System: UID 0, UMTS FDD (5); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.352 W/kg

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

Reference Value = 7.398 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.396 W/kg

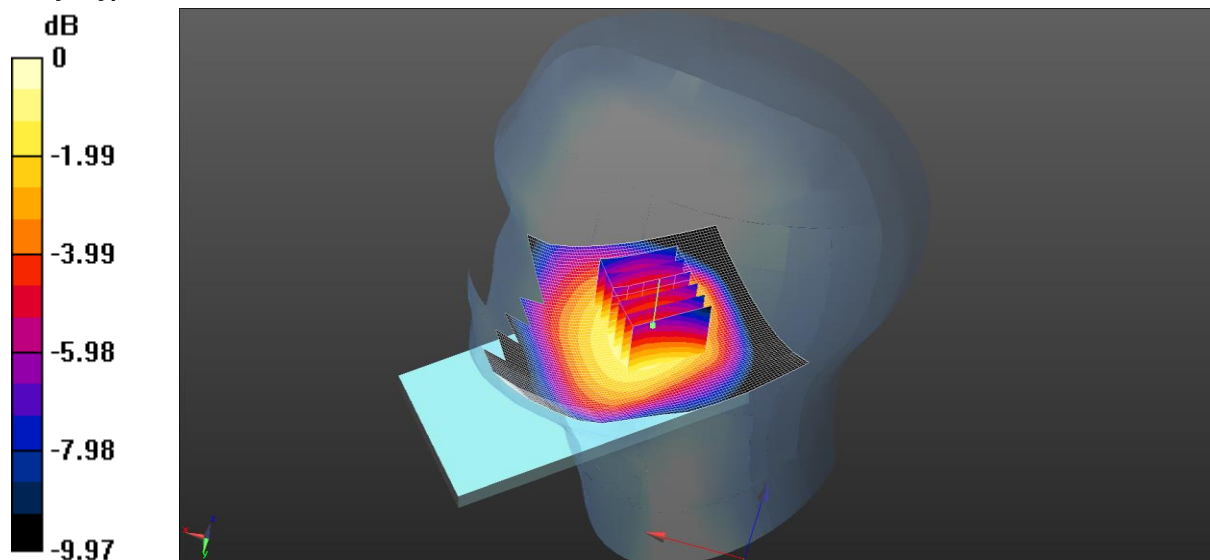
**SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.255 W/kg**

Maximum value of SAR (measured) = 0.366 W/kg

051: Tilt Right UMTS FDD 5 CH4183

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.217 W/kg = -6.64 dBW/kg

Communication System: UID 0, UMTS FDD (5); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Tilt Right - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.193 W/kg

**Configuration/Tilt Right - Middle/Zoom Scan (5x5x7) (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.111 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.241 W/kg

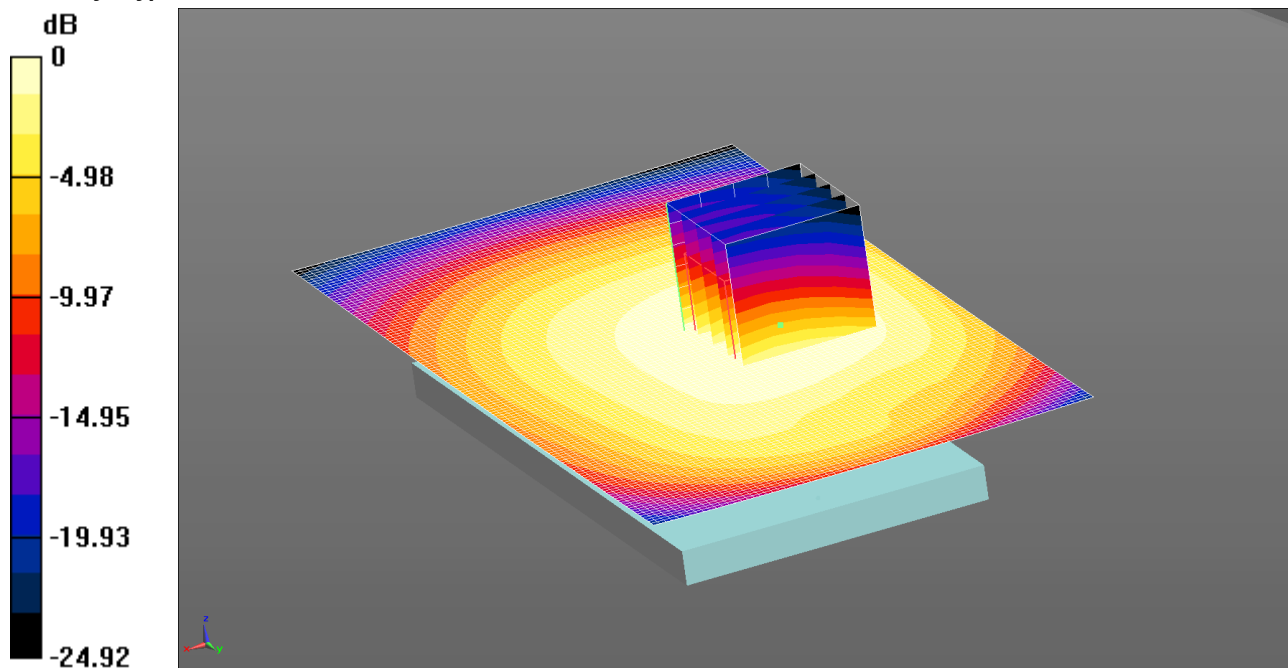
**SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.148 W/kg**

Maximum value of SAR (measured) = 0.217 W/kg

052: Front of EUT Facing Phantom UMTS FDD 5 CH4183

Date/Time: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.446 W/kg = -3.51 dBW/kg

Communication System: UID 0, UMTS FDD (5); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.045$  S/m;  $\epsilon_r = 54.472$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.96, 9.96, 9.96); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front of EUT Facing Phantom - Middle/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.446 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 = 20.47 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.550 W/kg

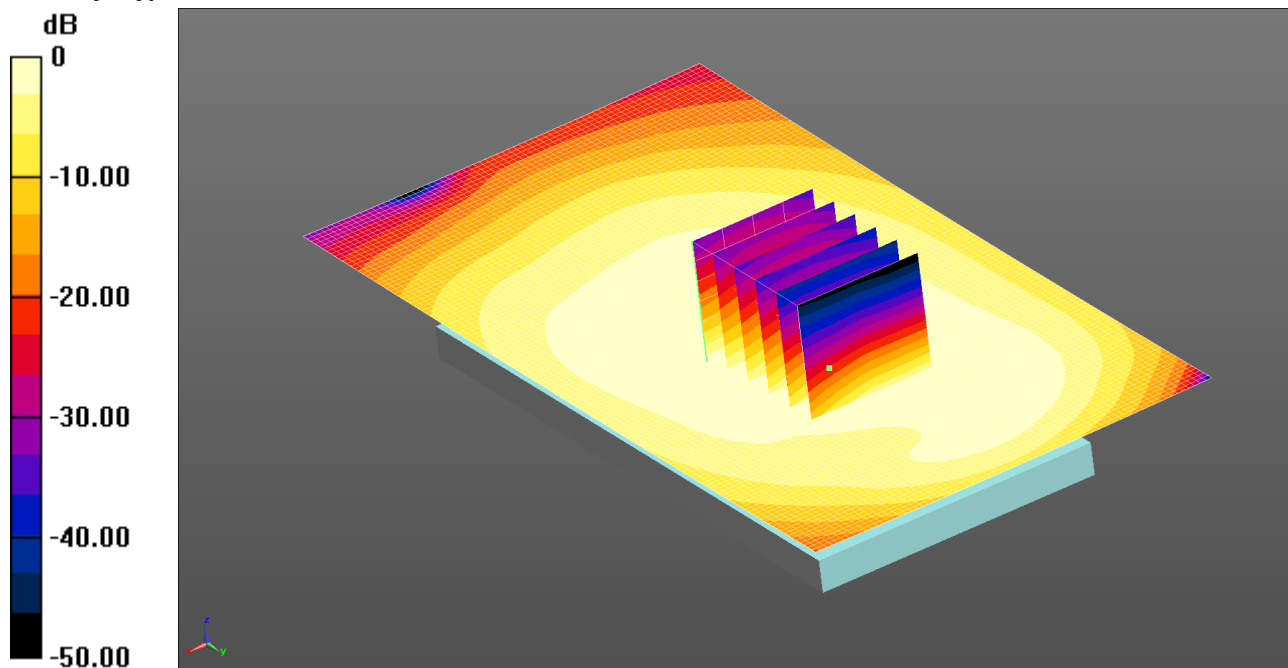
SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.315 W/kg

Maximum value of SAR (measured) = 0.493 W/kg

053: Back of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.477 W/kg = -3.22 dBW/kg

Communication System: UID 0, UMTS FDD (5); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.045$  S/m;  $\epsilon_r = 54.472$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.96, 9.96, 9.96); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Back of EUT Facing Phantom - Middle/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.477 W/kg

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.73 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.582 W/kg

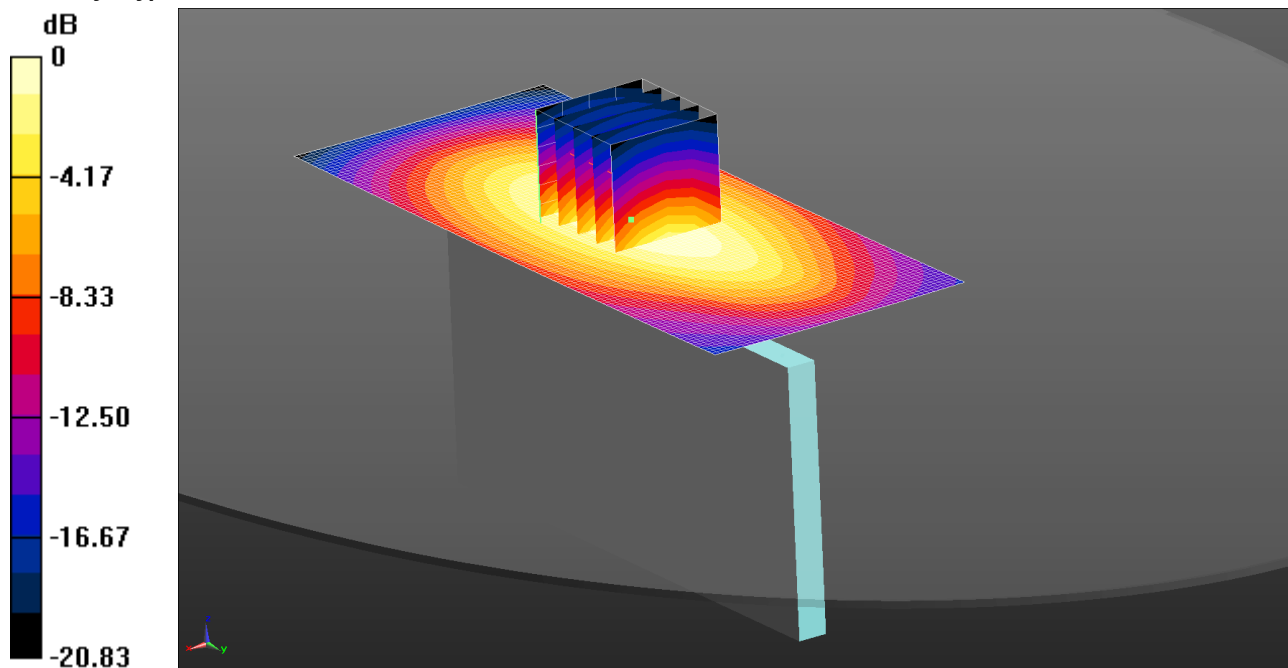
**SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.340 W/kg**

Maximum value of SAR (measured) = 0.527 W/kg

054: Left Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.441 W/kg = -3.56 dBW/kg

Communication System: UID 0, UMTS FDD (5); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.045$  S/m;  $\epsilon_r = 54.472$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.96, 9.96, 9.96); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Left Hand Side of EUT Facing Phantom - Middle/Area Scan (51x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.441 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 = 16.07 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.584 W/kg

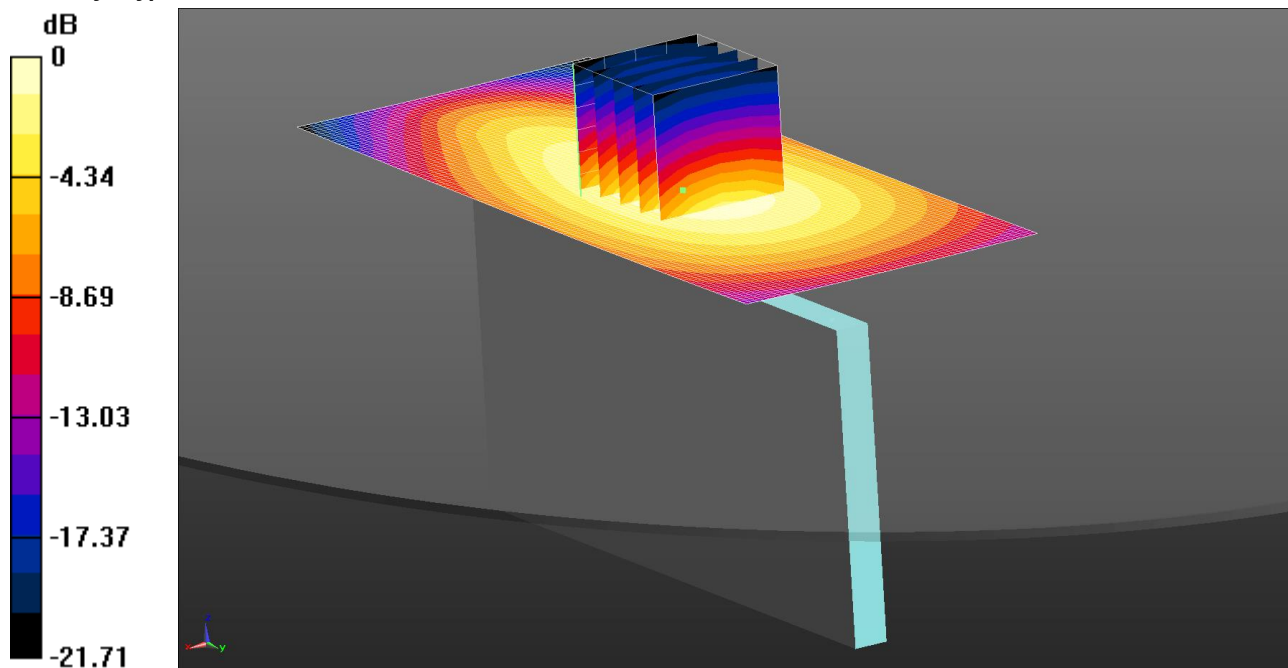
**SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.275 W/kg**

Maximum value of SAR (measured) = 0.505 W/kg

055: Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.221 W/kg = -6.56 dBW/kg

Communication System: UID 0, UMTS FDD (5); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.045$  S/m;  $\epsilon_r = 54.472$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.96, 9.96, 9.96); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Right Hand Side of EUT Facing Phantom - Middle/Area Scan (51x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.221 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 = 13.00 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.307 W/kg

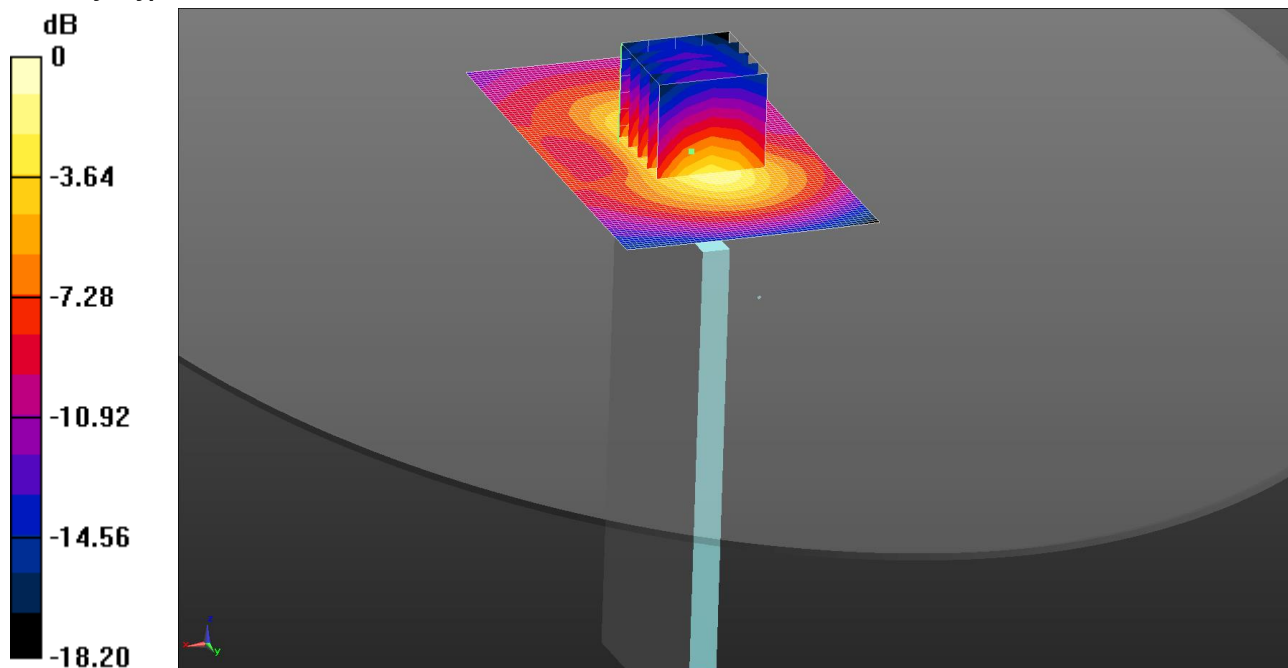
**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.142 W/kg**

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

056: Bottom of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.149 W/kg = -8.26 dBW/kg

Communication System: UID 0, UMTS FDD (5); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.045$  S/m;  $\epsilon_r = 54.472$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.96, 9.96, 9.96); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

**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) = 0.149 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 = 7.819 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.238 W/kg

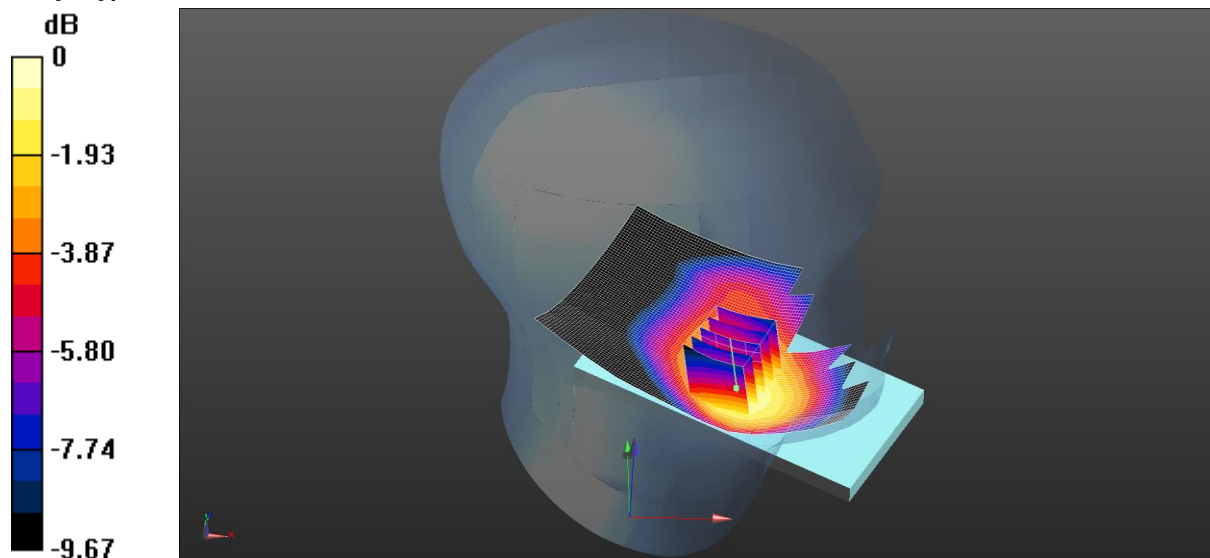
**SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.081 W/kg**

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

057: Touch Left LTE Band 5 1RB Low CH20525

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.344 W/kg = -4.63 dBW/kg

Communication System: UID 0, LTE Bands - 10MHz Channel BW (5); Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section  
 DASY4 Configuration:  
 - Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;  
 - Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)  
 - Electronics: DAE4 Sn1435; Calibrated: 15/4/14  
 - Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832  
 - ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Left - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.317 W/kg

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

Reference Value = 6.611 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.381 W/kg

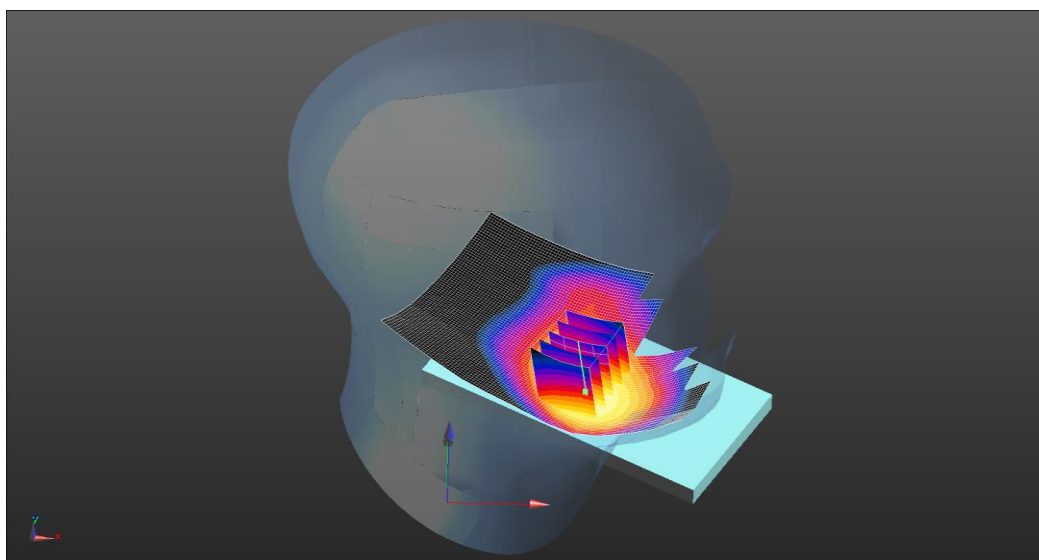
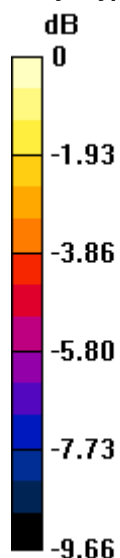
**SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.220 W/kg**

Maximum value of SAR (measured) = 0.344 W/kg

058: Touch Left LTE Band 5 50%RB Mid CH20525

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.271 W/kg = -5.67 dBW/kg

Communication System: UID 0, LTE Bands - 10MHz Channel BW (5); Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section  
 DASY4 Configuration:  
 - Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;  
 - Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)  
 - Electronics: DAE4 Sn1435; Calibrated: 15/4/14  
 - Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832  
 - ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Left - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.248 W/kg

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

Reference Value = 11.78 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.304 W/kg

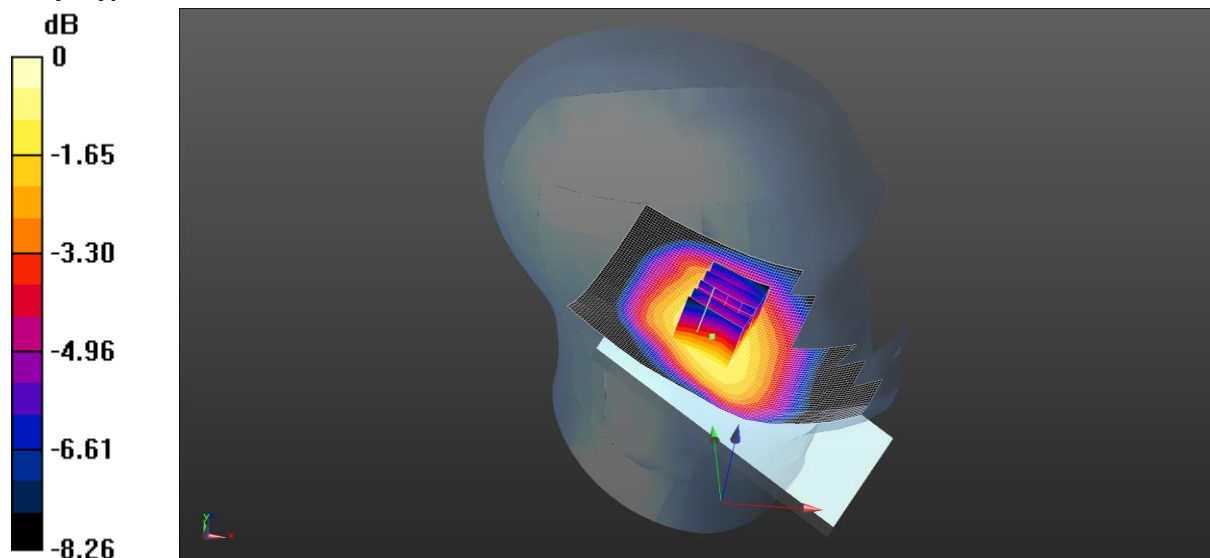
**SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.172 W/kg**

Maximum value of SAR (measured) = 0.271 W/kg

059: Tilt Left LTE Band 5 1RB Low CH20525

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.165 W/kg = -7.83 dBW/kg

Communication System: UID 0, LTE Bands - 10MHz Channel BW (5); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section  
DASY4 Configuration:  
- Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;  
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)  
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14  
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832  
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Tilt Left - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.142 W/kg

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

Reference Value = 10.19 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.178 W/kg

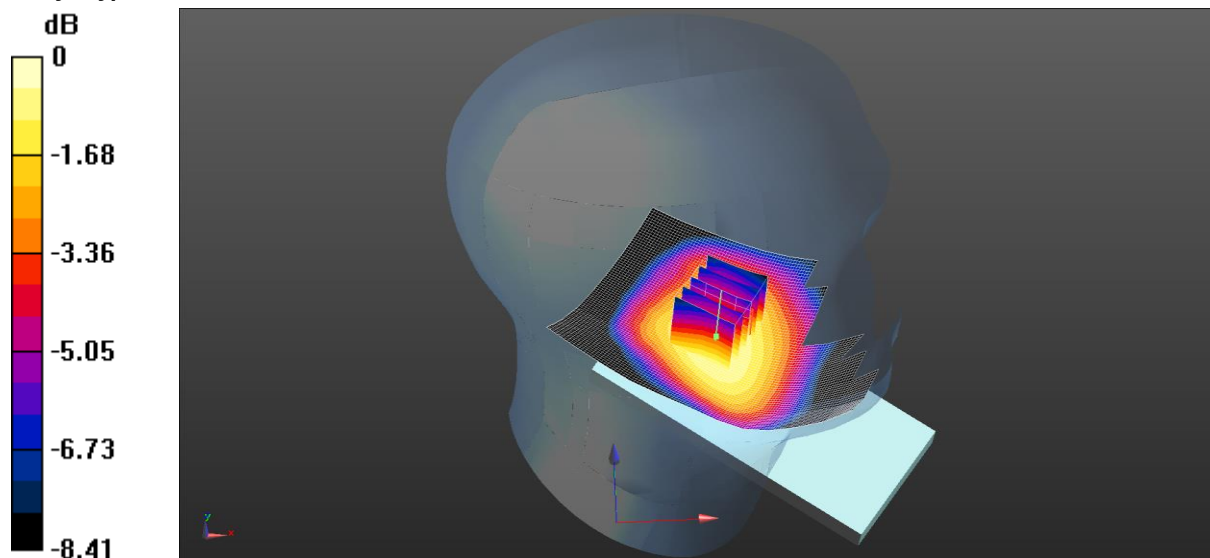
**SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.112 W/kg**

Maximum value of SAR (measured) = 0.165 W/kg

060: Tilt Left LTE Band 5 50%RB Mid CH20525

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.121 W/kg = -9.17 dBW/kg

Communication System: UID 0, LTE Bands - 10MHz Channel BW (5); Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Tilt Left - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.112 W/kg

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

Reference Value = 6.283 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.132 W/kg

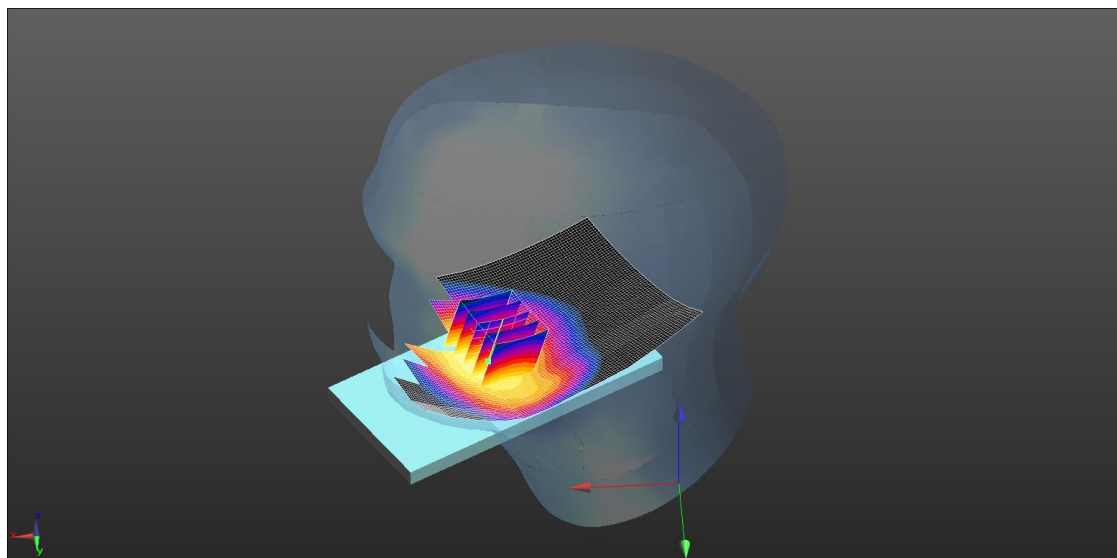
**SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.084 W/kg**

Maximum value of SAR (measured) = 0.121 W/kg

061: Touch Right LTE Band 5 1RB Low CH20525

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.272 W/kg = -5.65 dBW/kg

Communication System: UID 0, LTE Bands - 10MHz Channel BW (5); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.251 W/kg

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

Reference Value = 5.590 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.292 W/kg

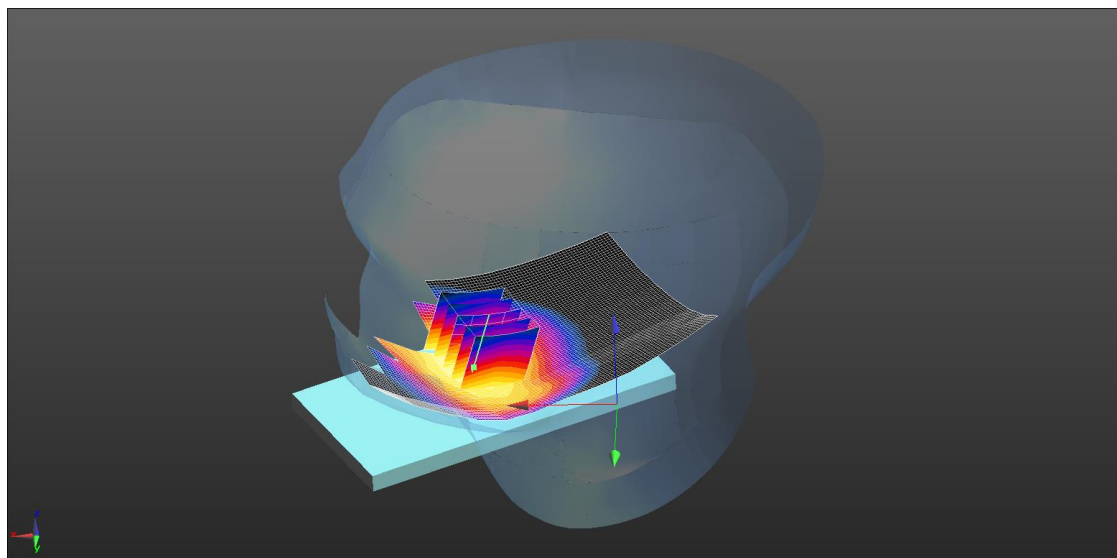
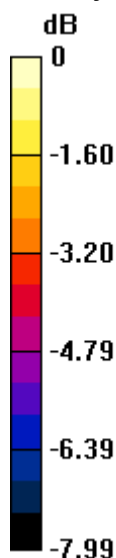
**SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.186 W/kg.**

Maximum value of SAR (measured) = 0.272 W/kg

062: Touch Right LTE Band 5 50%RB Mid CH20525

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



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

Communication System: UID 0, LTE Bands - 10MHz Channel BW (5); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 13.21 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.247 W/kg

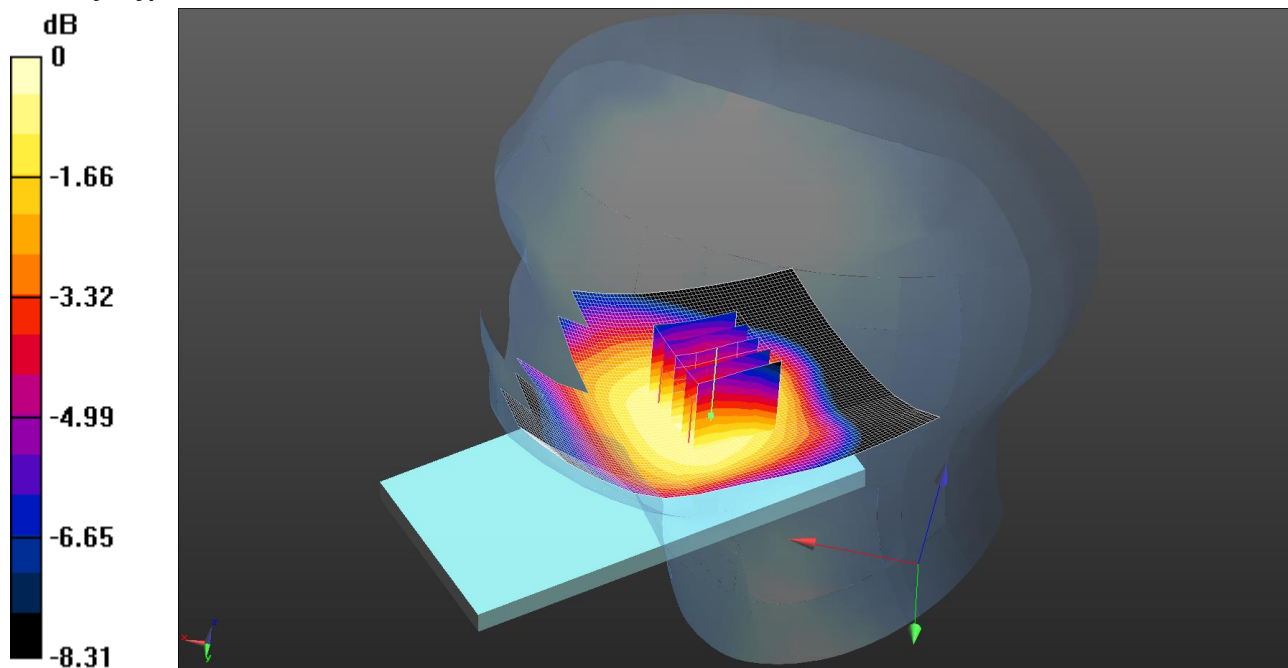
**SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.158 W/kg**

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

063: Tilt Right LTE Band 5 1RB Low CH20525

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.116 W/kg = -9.36 dBW/kg

Communication System: UID 0, LTE Bands - 10MHz Channel BW (5); Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Tilt Right - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.108 W/kg

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

Reference Value = 7.617 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.126 W/kg

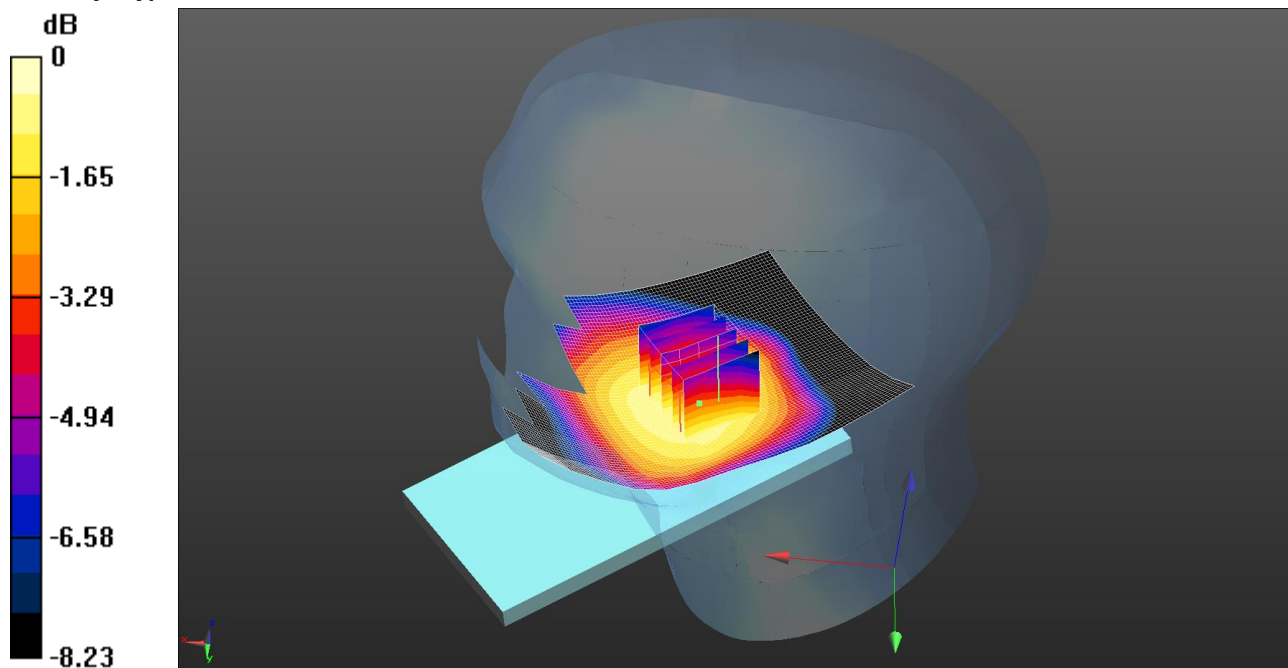
**SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.082 W/kg**

Maximum value of SAR (measured) = 0.116 W/kg

064: Tilt Right LTE Band 5 50%RB Mid CH20525

Date: 18/6/14

DUT: Sony; Type: FCC ID - PY7PM-0806



0 dB = 0.0965 W/kg = -10.15 dBW/kg

Communication System: UID 0, LTE Bands - 10MHz Channel BW (5); Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Tilt Right - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0876 W/kg

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

Reference Value = 9.568 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.105 W/kg

**SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.069 W/kg**

Maximum value of SAR (measured) = 0.0965 W/kg