

### **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

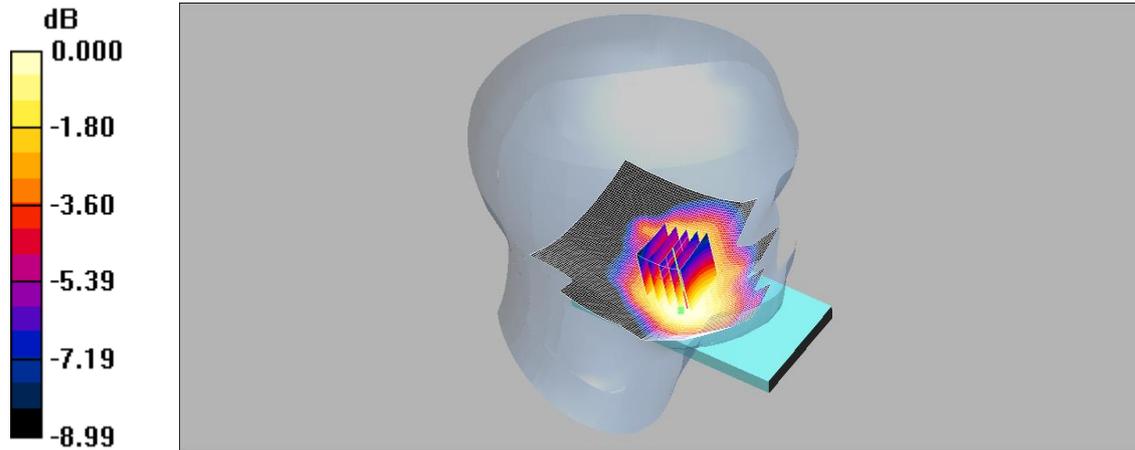
Scan Reference Number	Title
097	Left Hand Side of EUT Facing Phantom LTE Band 7 1 RB Low CH21350
098	Left Hand Side of EUT Facing Phantom LTE Band 7 50 % RB Low CH21350
099	Right Hand Side of EUT Facing Phantom LTE Band 7 1 RB Low CH21350
100	Right Hand Side of EUT Facing Phantom LTE Band 7 50% RB Low 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



0 dB = 0.222mW/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

**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 (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

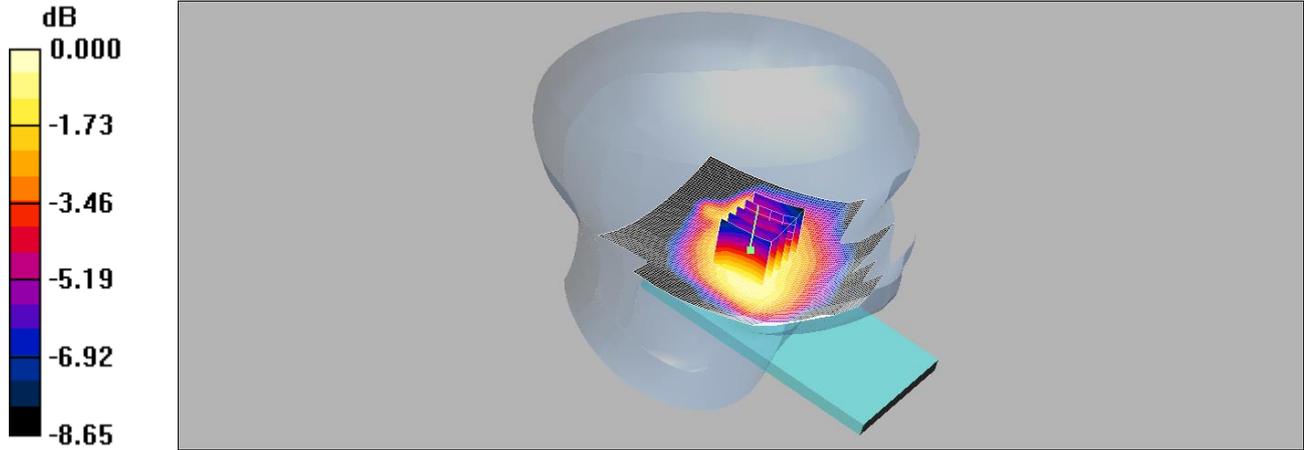
**SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.159 mW/g**

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

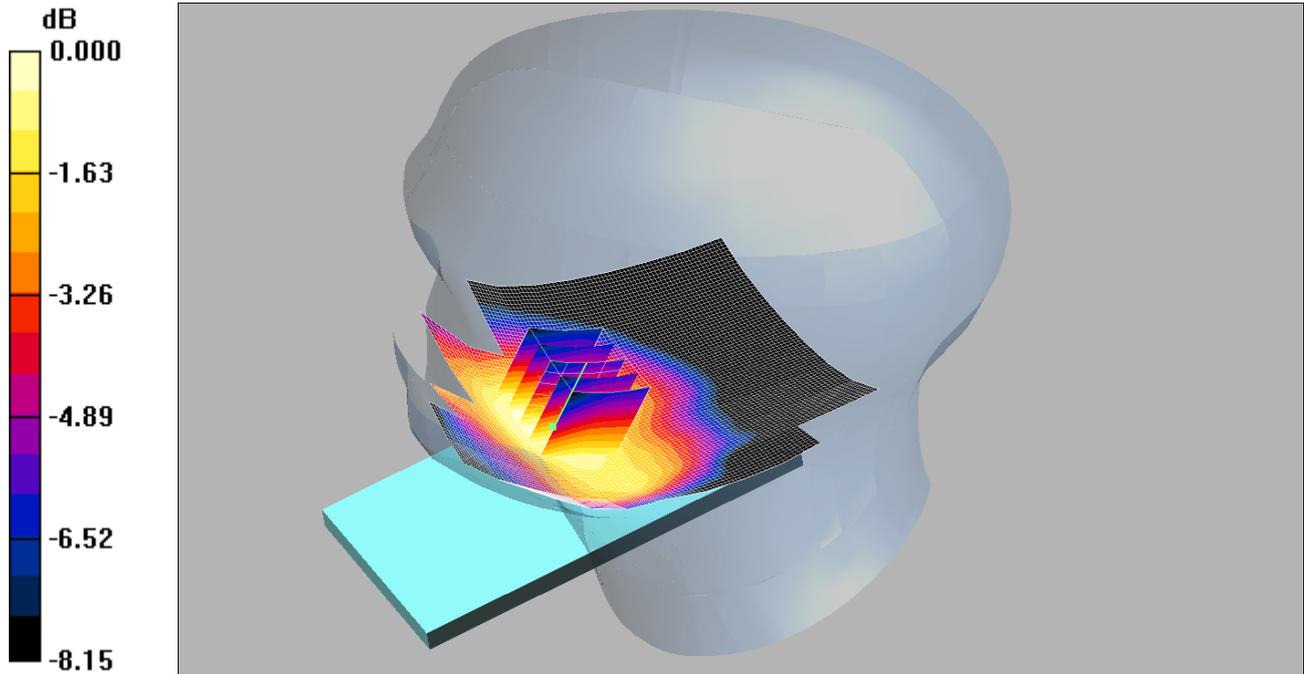
**SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.103 mW/g**

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

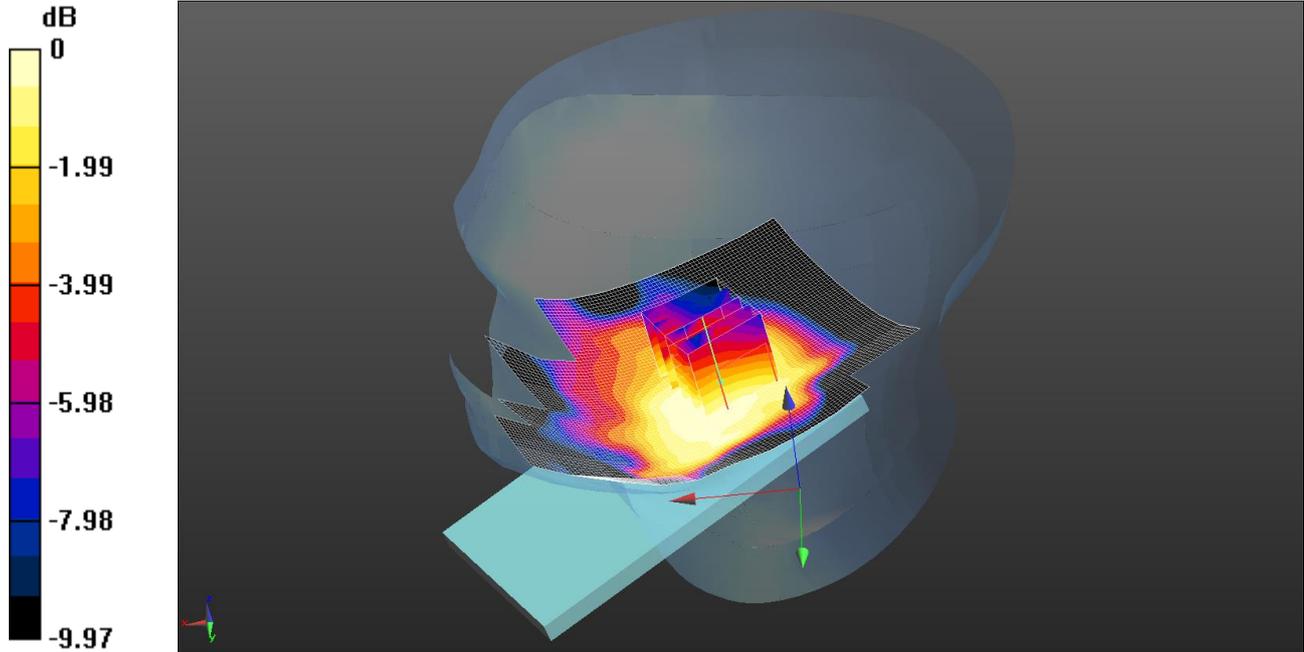
**SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.198 mW/g**

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

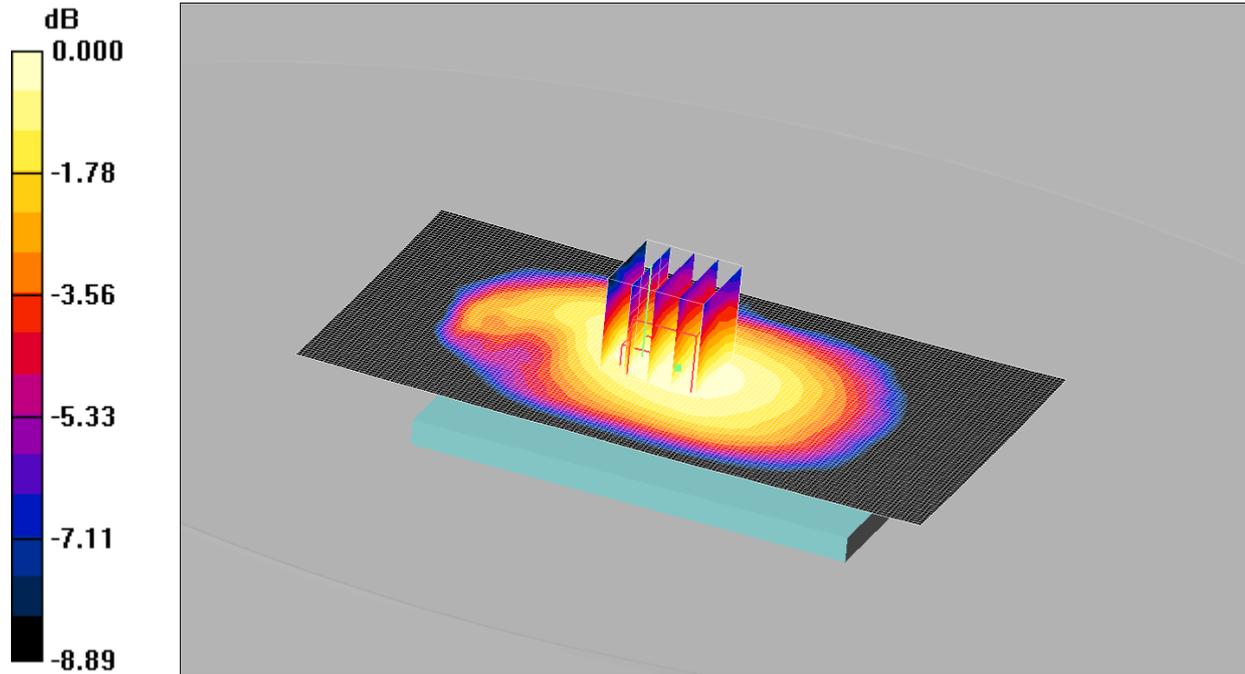
**SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.108 W/kg**

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

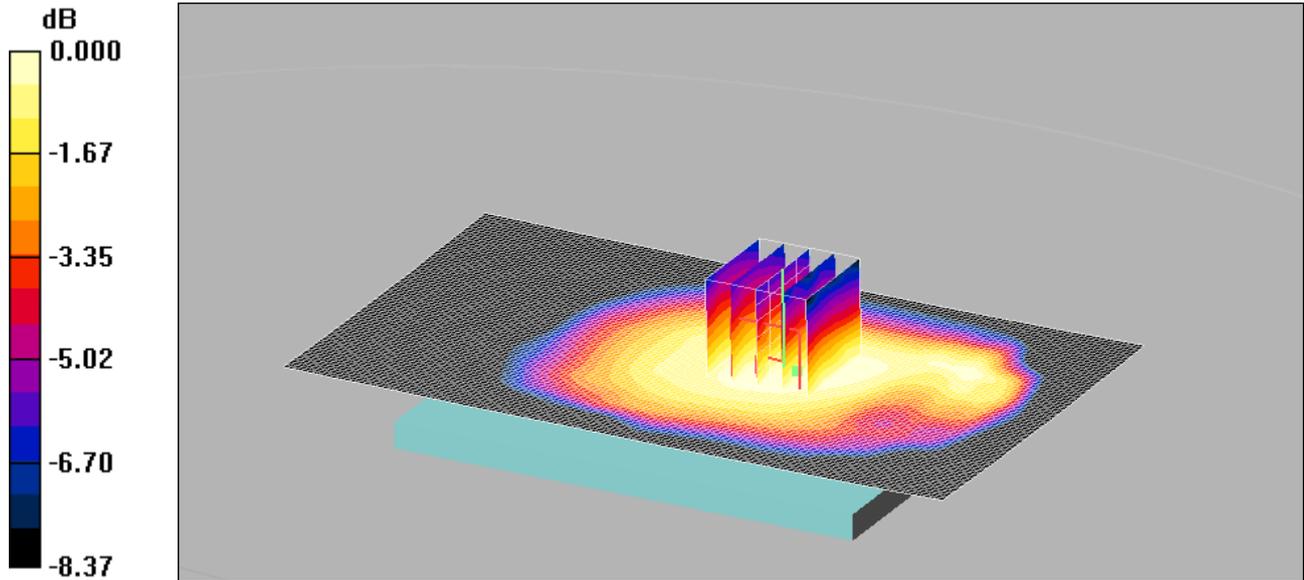
**SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.311 mW/g**

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

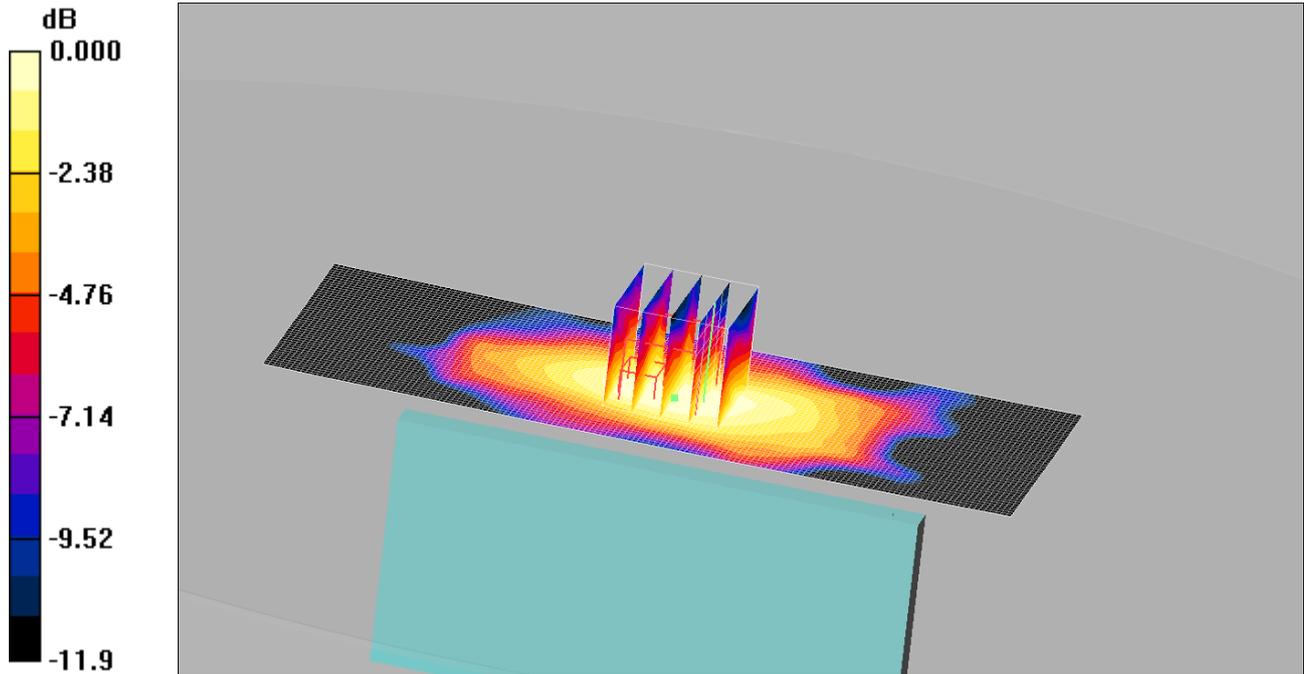
**SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.342 mW/g**

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

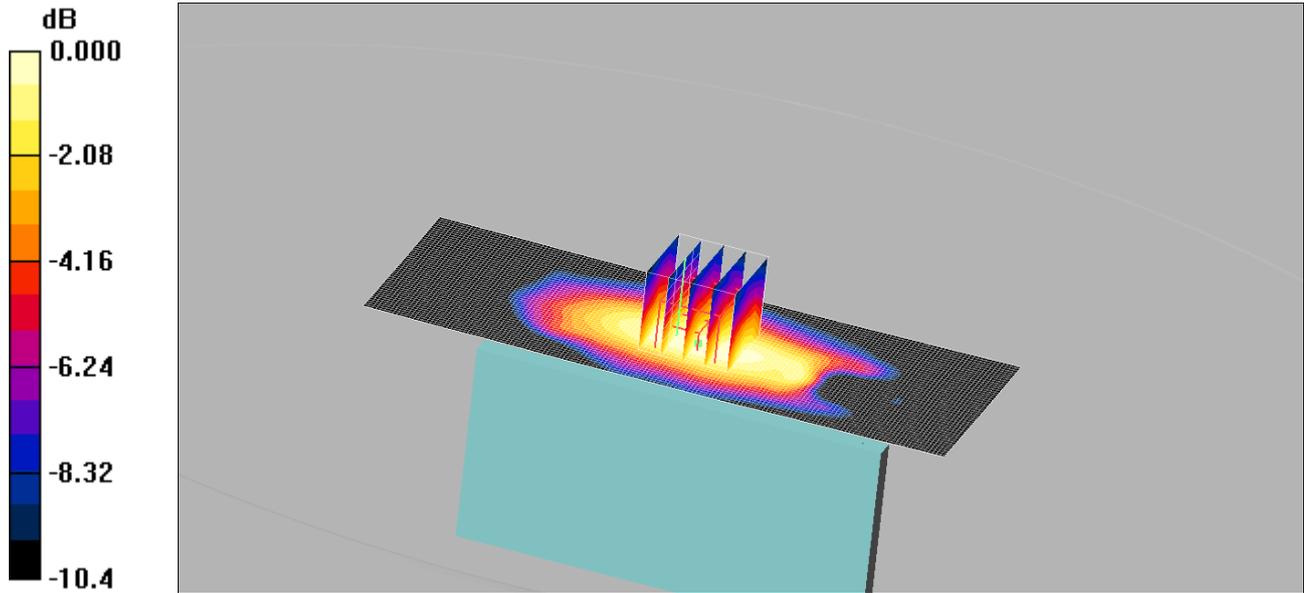
**SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.154 mW/g**

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

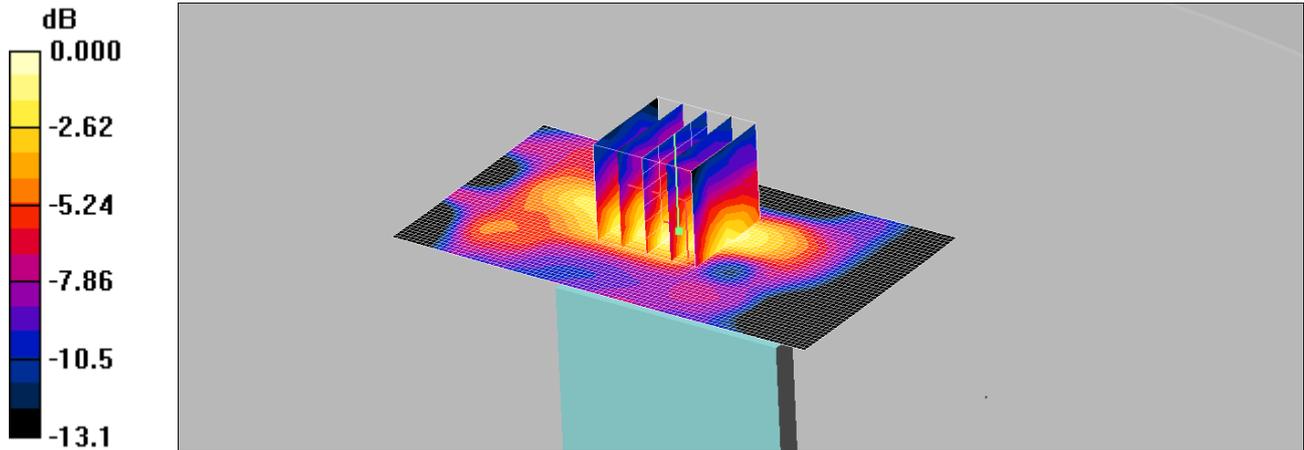
**SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.337 mW/g**

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

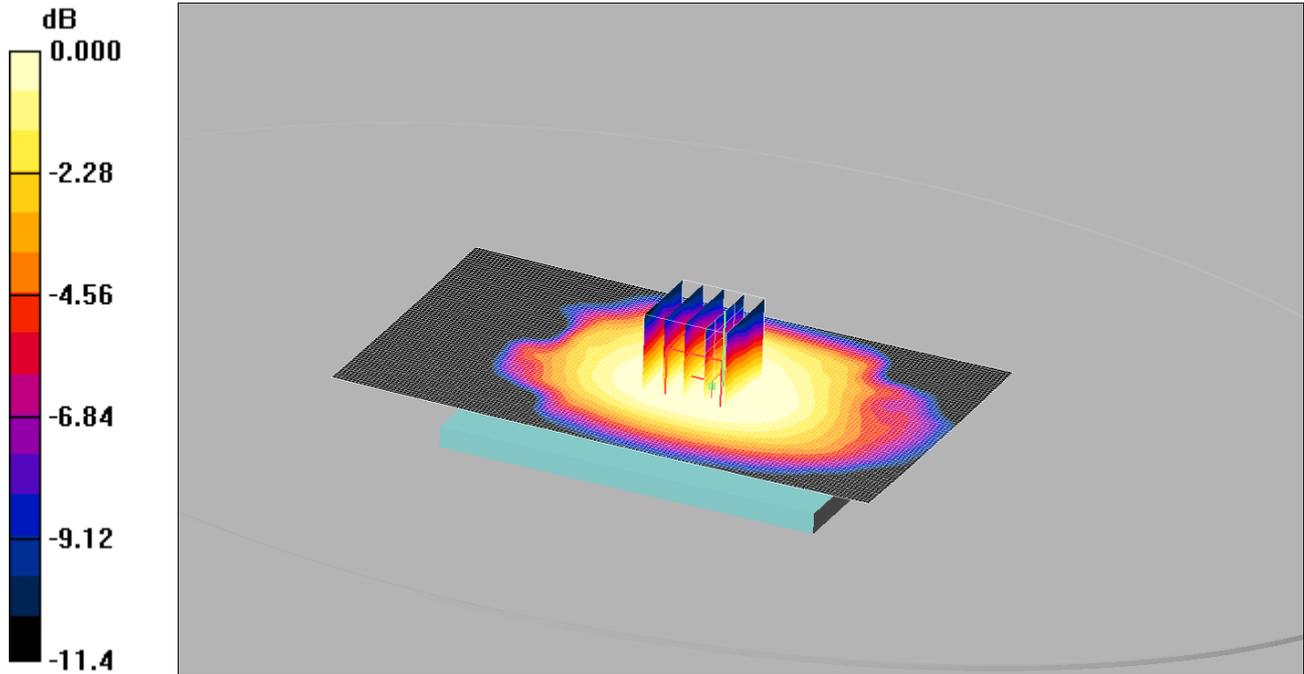
**SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.066 mW/g**

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

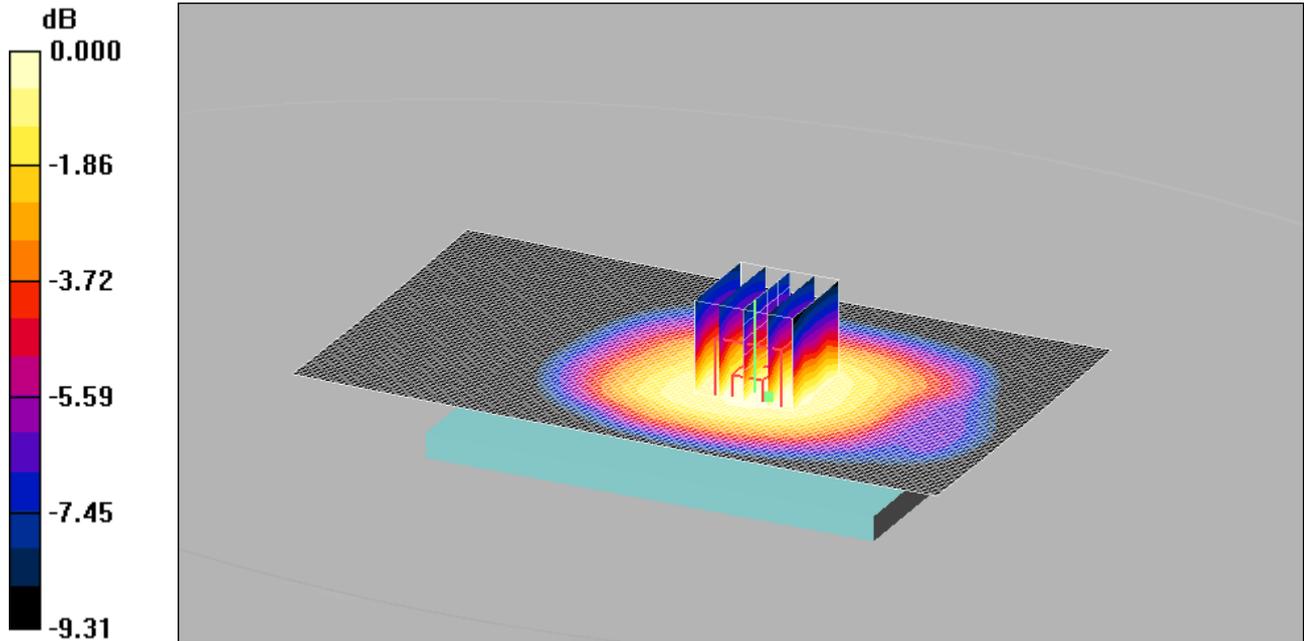
**SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.244 mW/g**

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

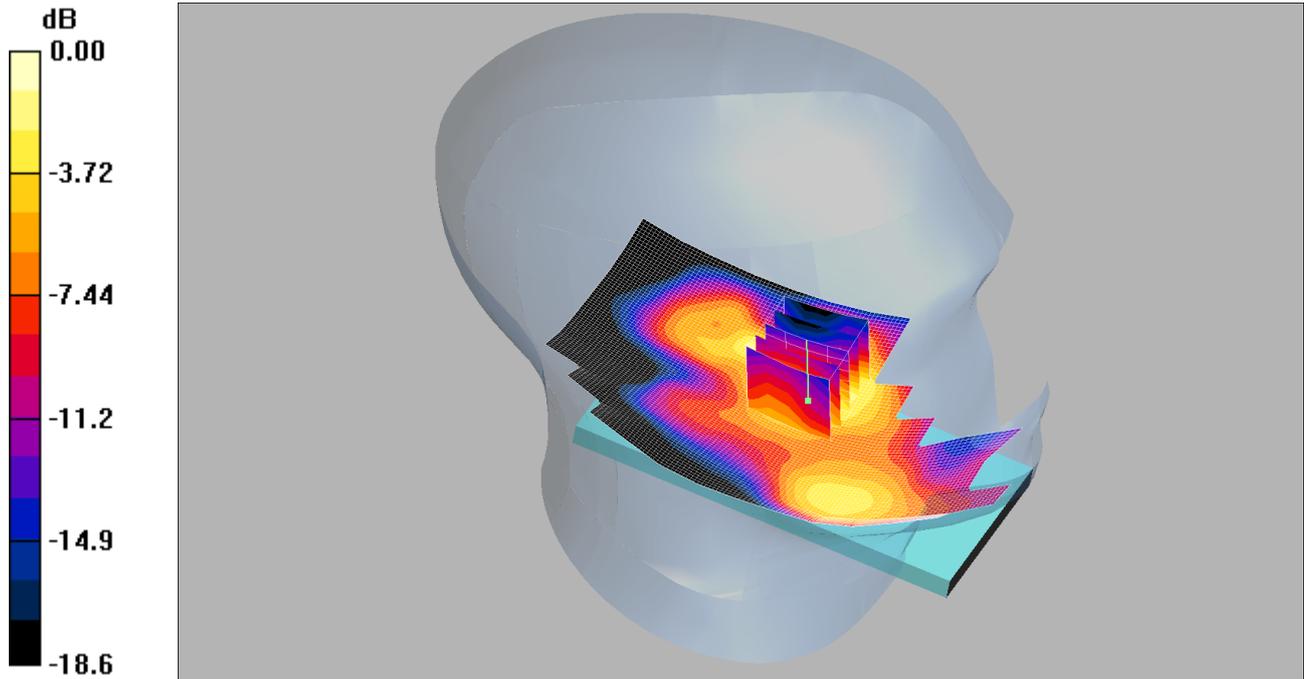
**SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.254 mW/g**

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

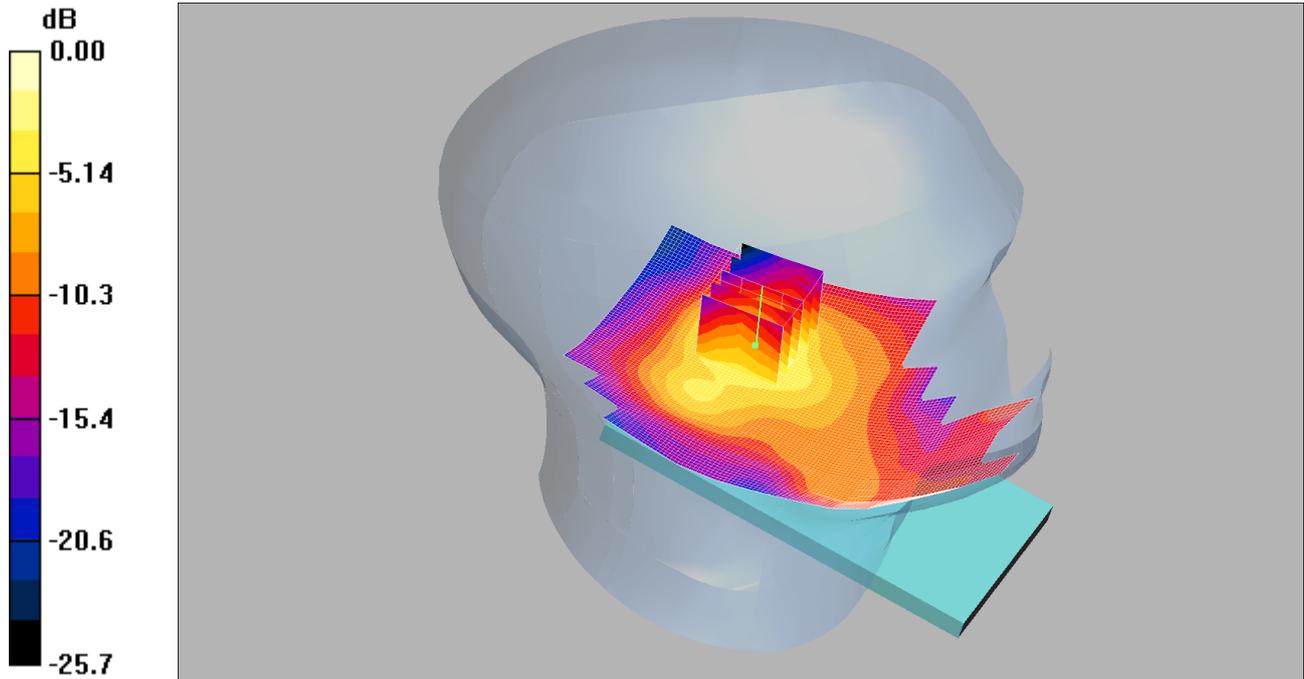
**SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.187 mW/g**

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

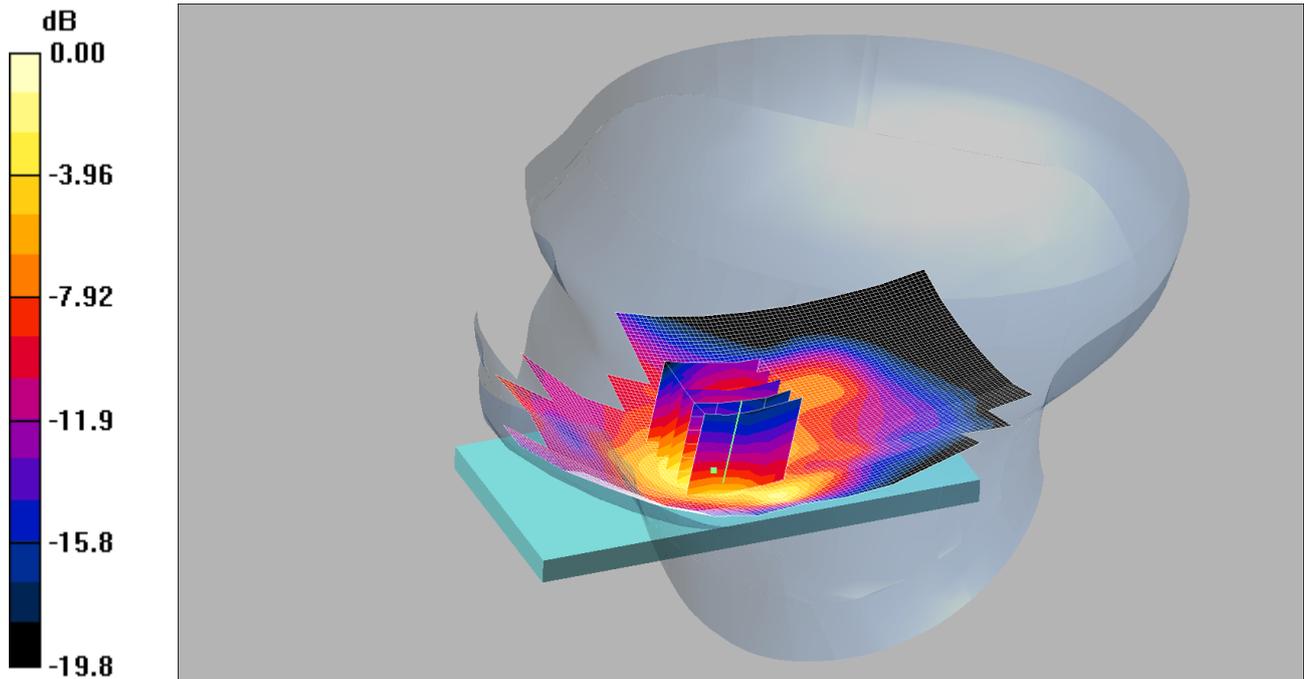
**SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.082 mW/g**

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

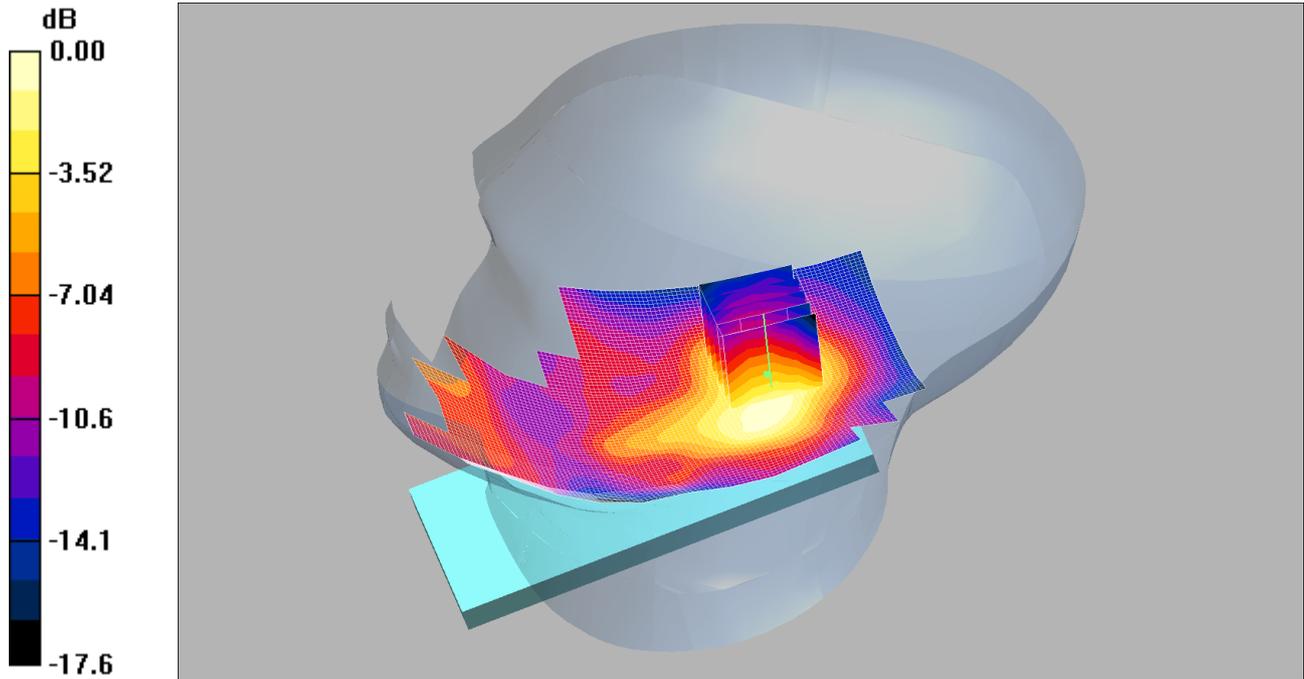
**SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.218 mW/g**

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

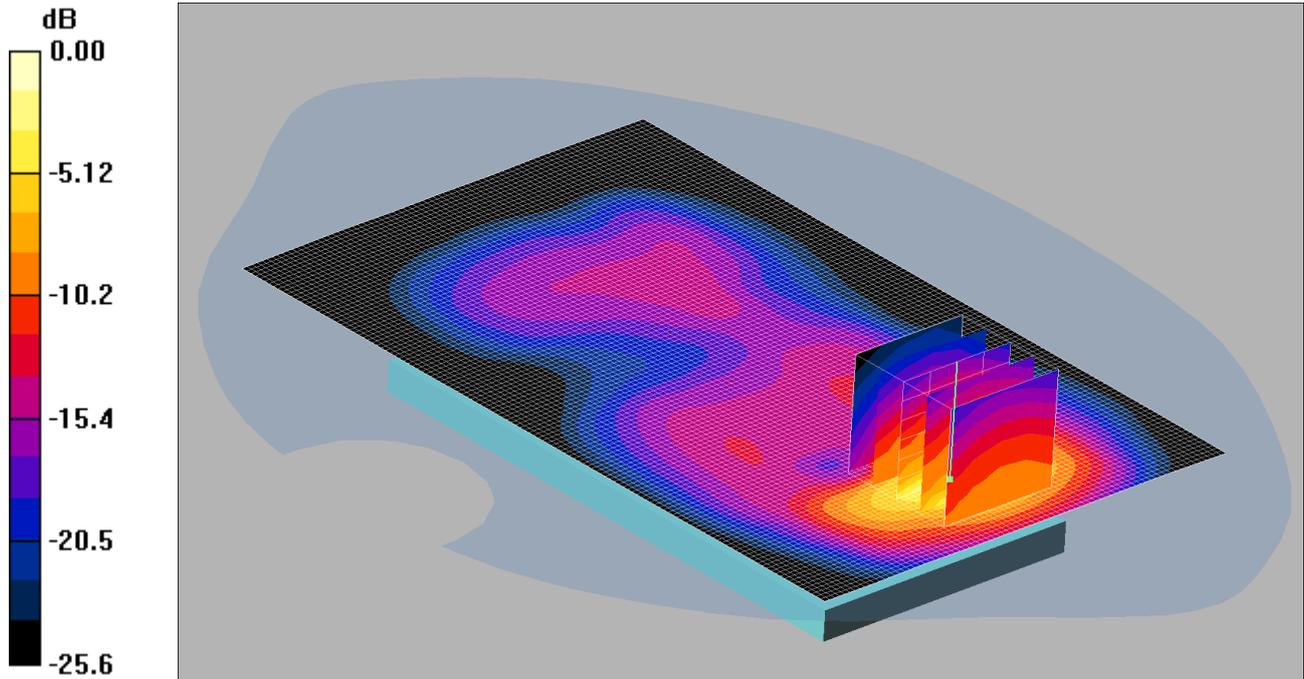
**SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.052 mW/g**

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):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 50.9$ ;  $\rho = 1000 \text{ kg/m}^3$

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:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

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

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

Peak SAR (extrapolated) = 0.524 W/kg

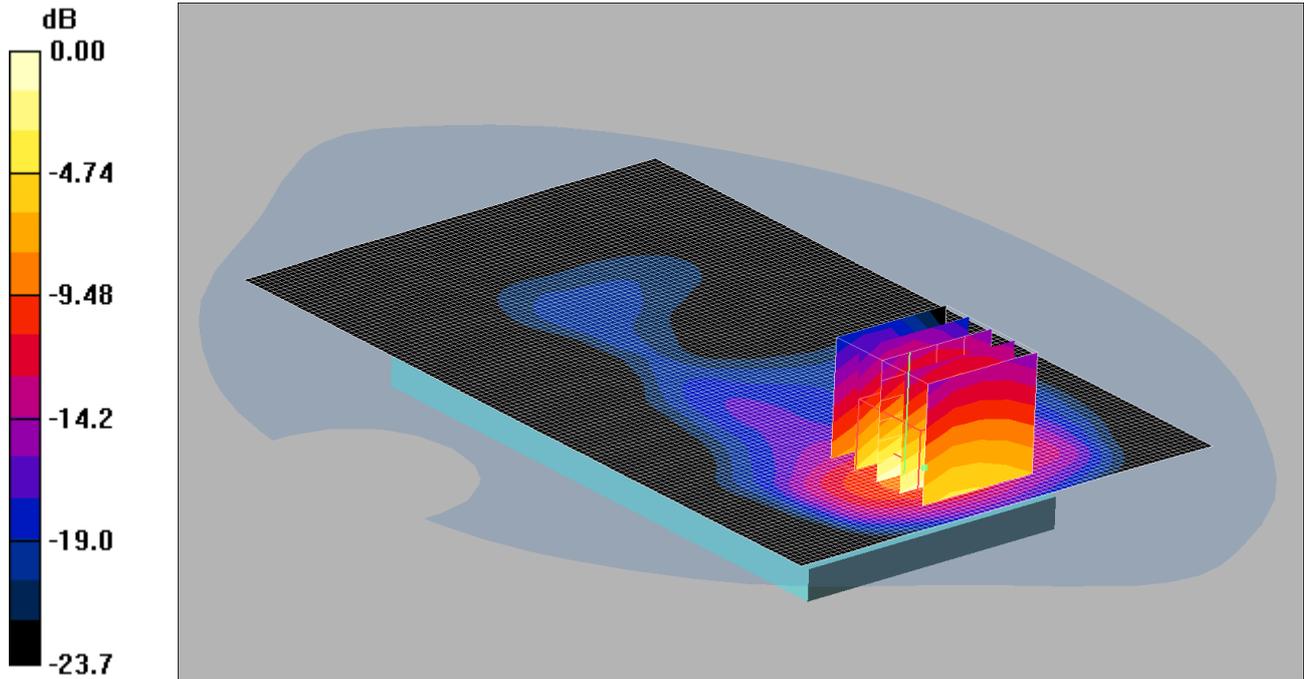
**SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.079 mW/g**

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;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 50.9$ ;  $\rho = 1000 \text{ kg/m}^3$

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

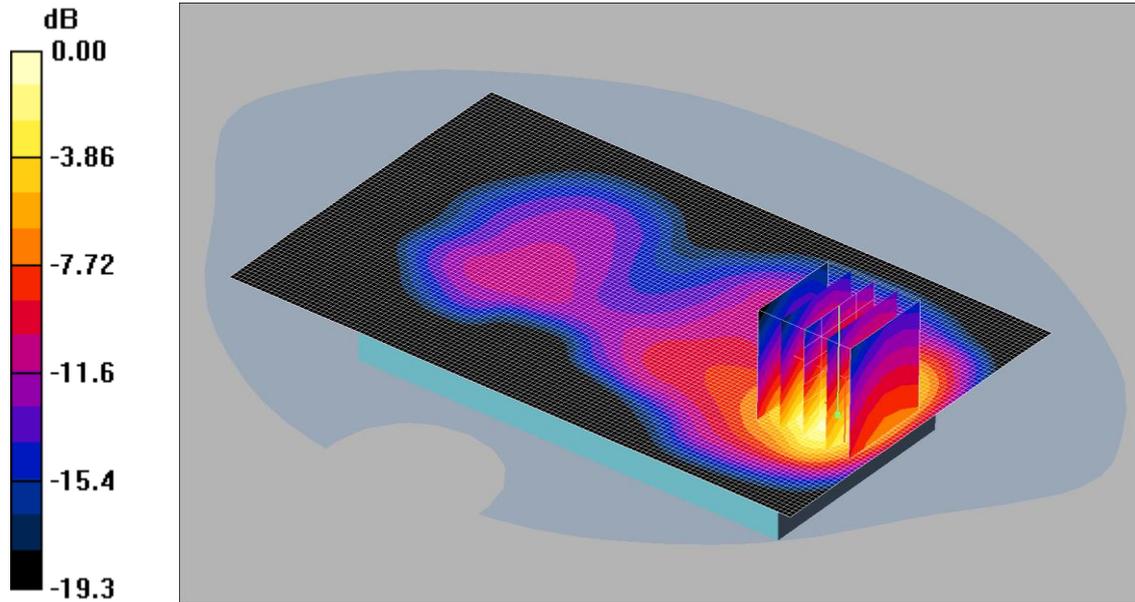
**SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.326 mW/g**

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

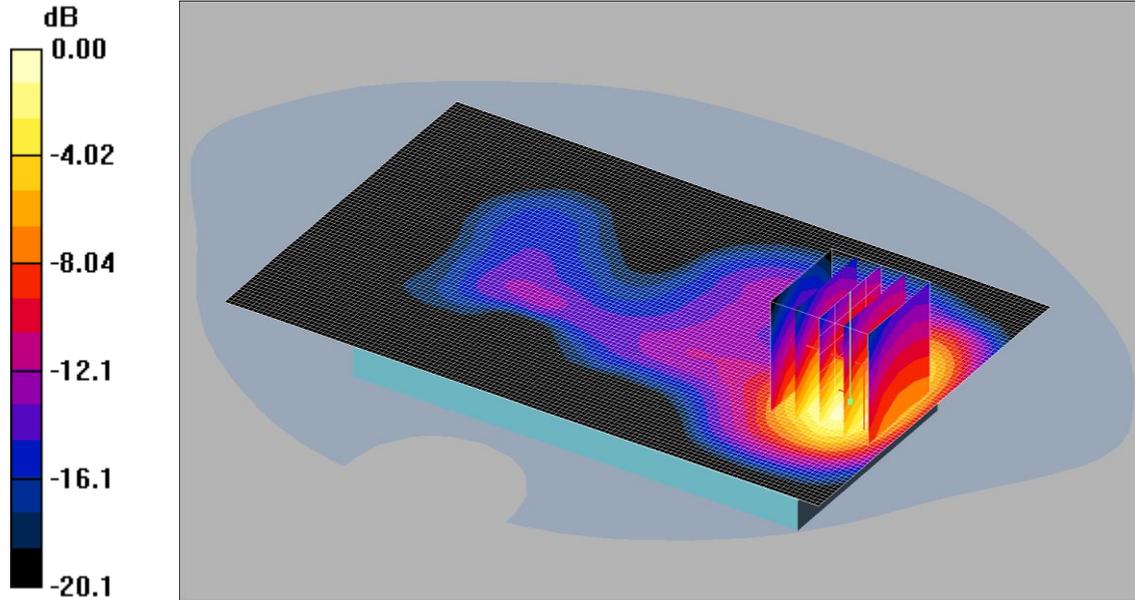
**SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.289 mW/g**

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):  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$

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

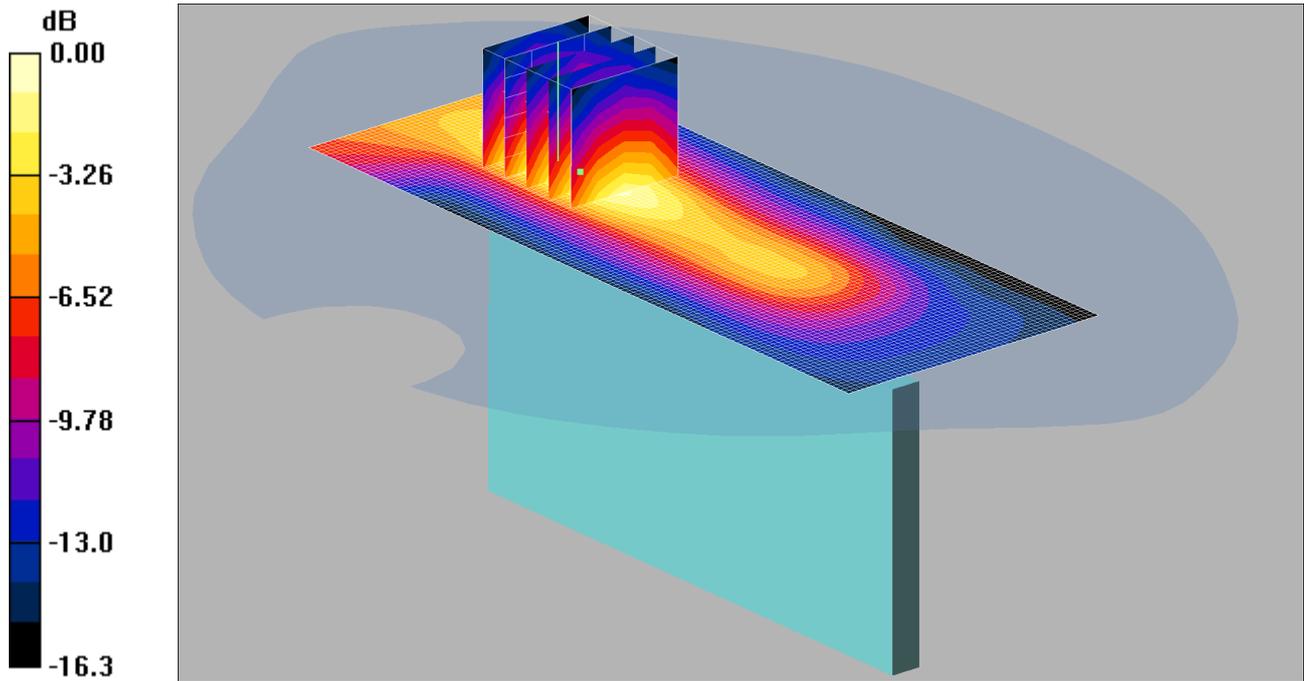
**SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.318 mW/g**

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):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 50.9$ ;  $\rho = 1000 \text{ kg/m}^3$

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:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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:

$dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.124 W/kg

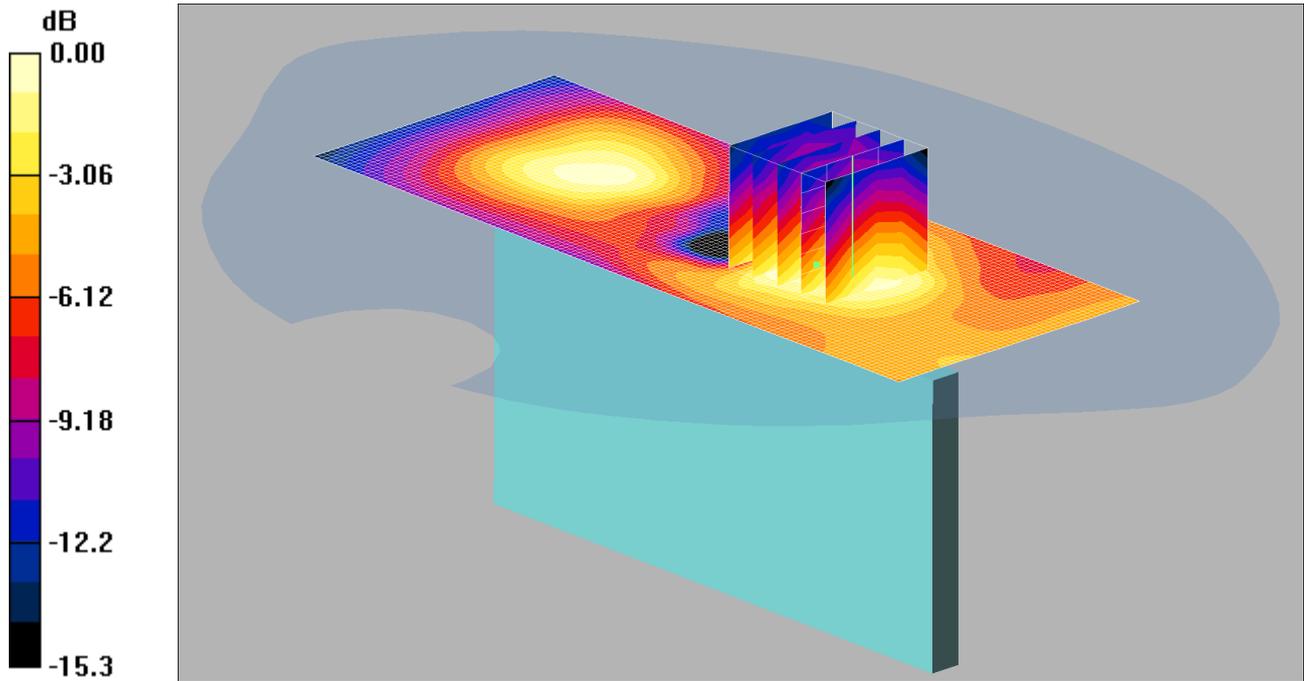
**SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.042 mW/g**

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):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 50.9$ ;  $\rho = 1000 \text{ kg/m}^3$

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:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 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:  
 $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.058 W/kg

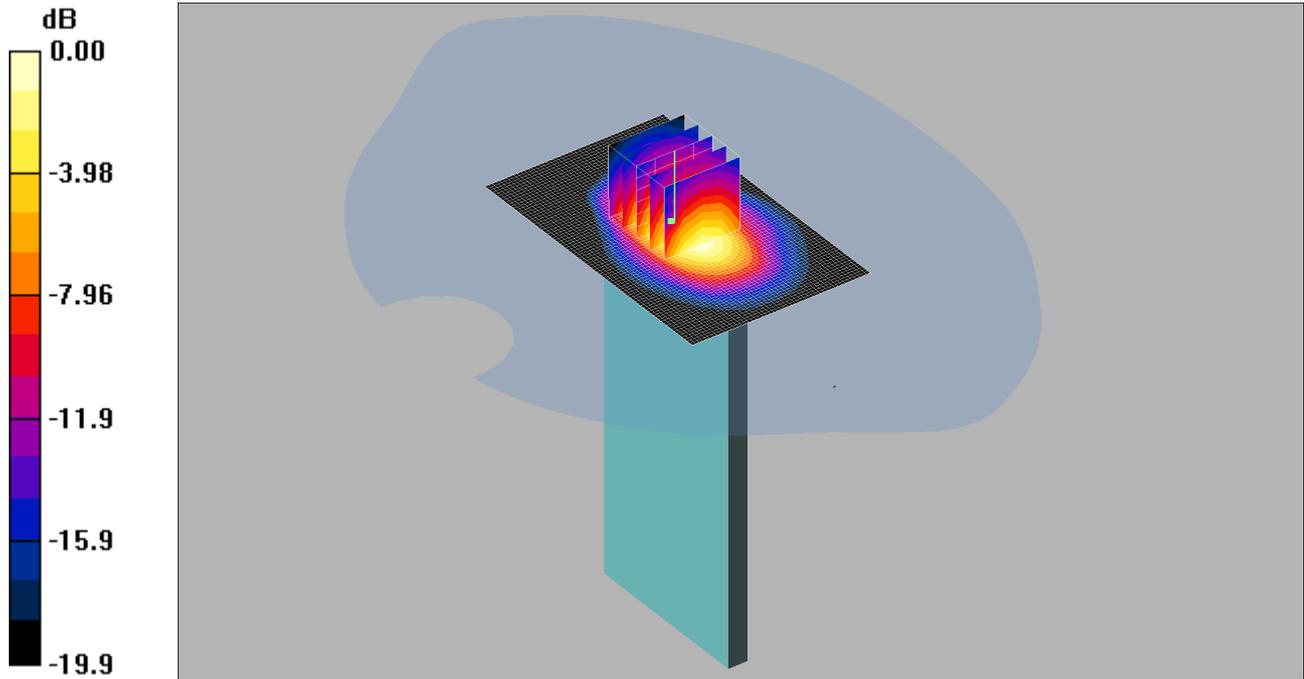
**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.025 mW/g**

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

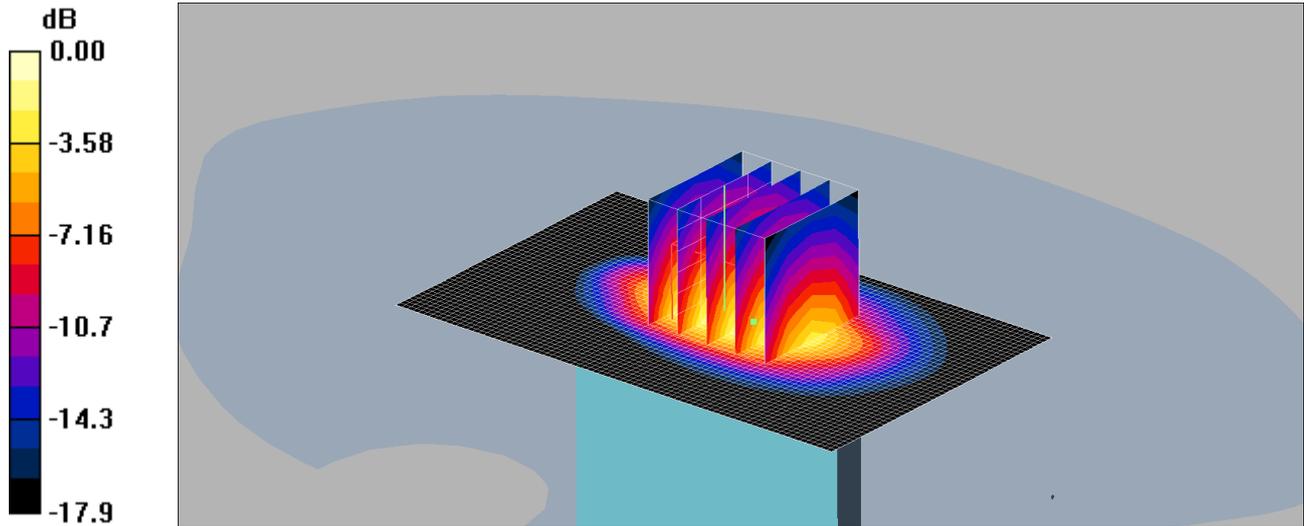
**SAR(1 g) = 0.981 mW/g; SAR(10 g) = 0.515 mW/g**

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

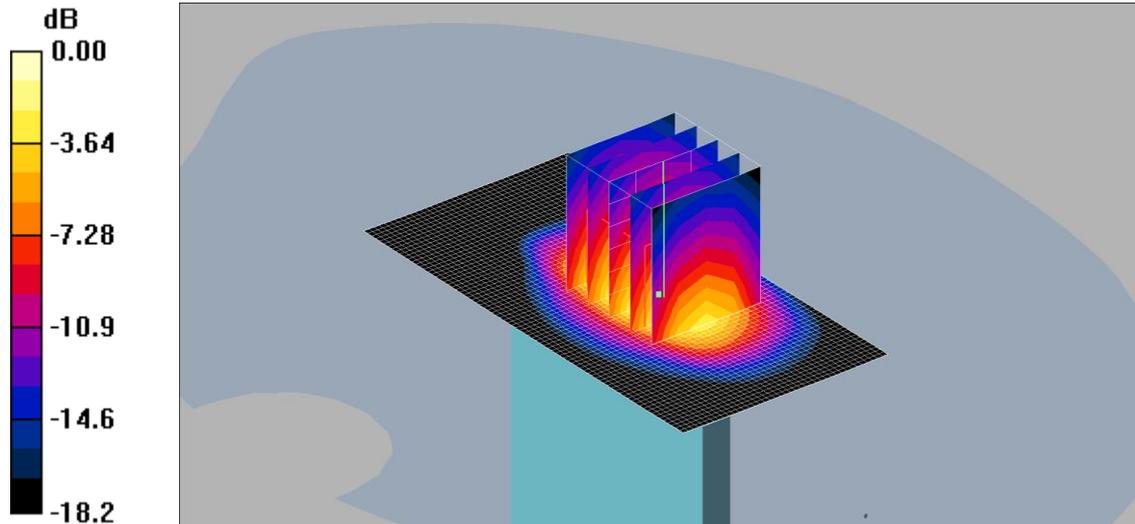
**Bottom of EUT Facing Phantom - Low 2 2 2/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.897 mW/g

**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):  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$

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

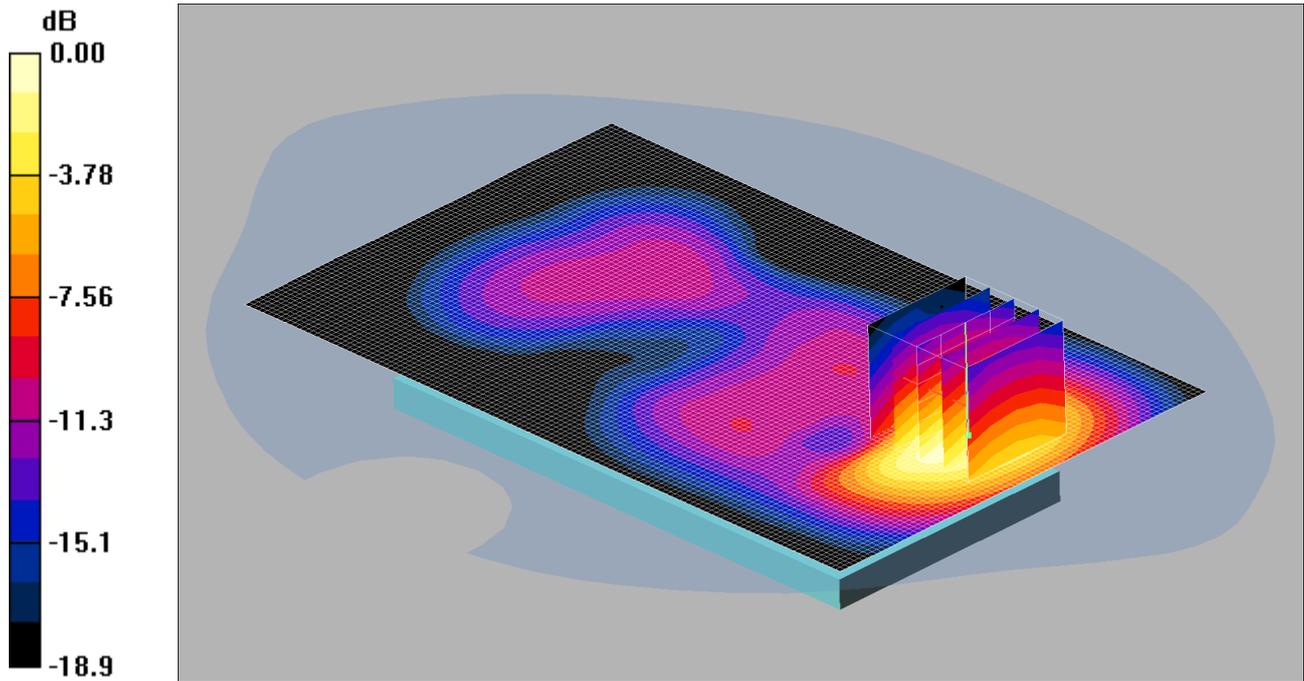
**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.573 mW/g**

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

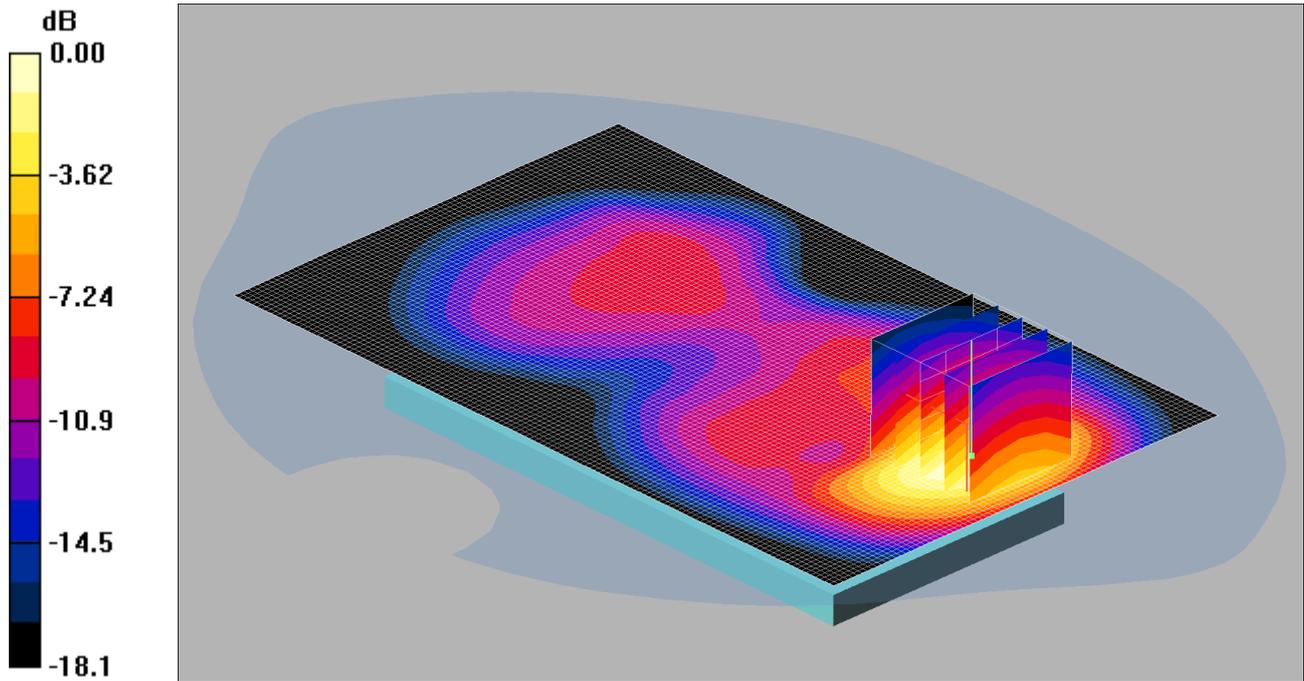
**SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.425 mW/g**

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

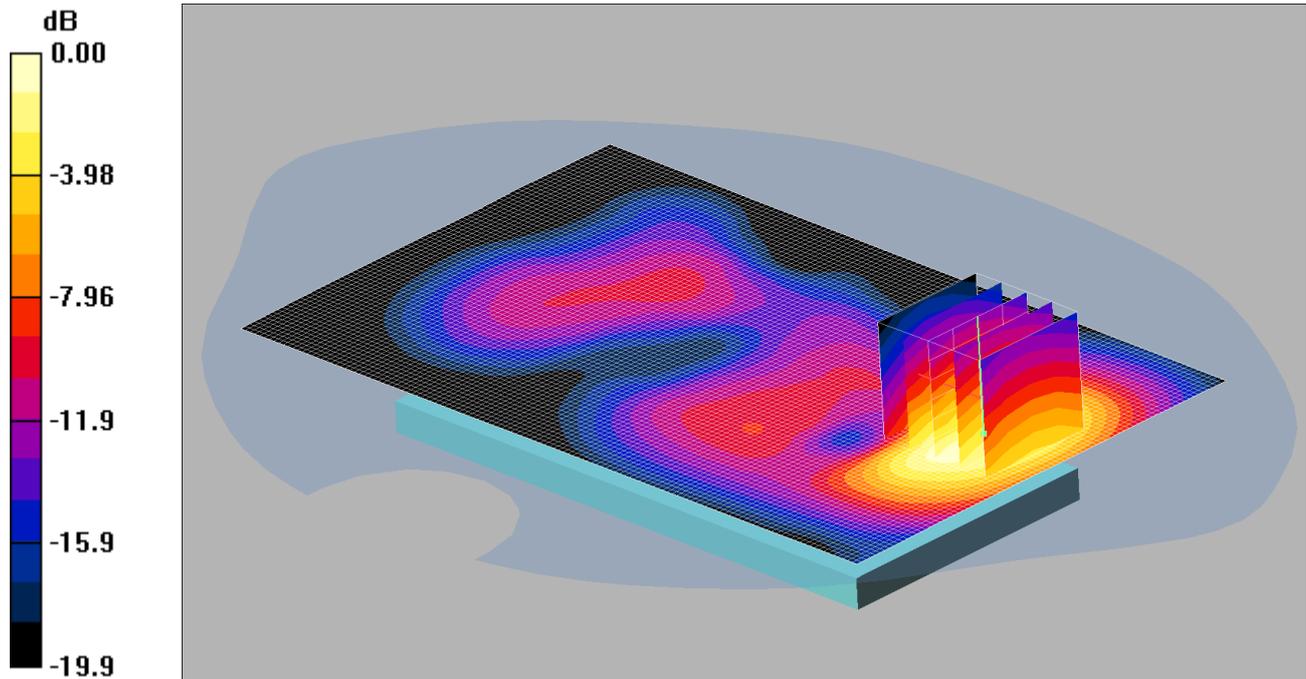
**SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.414 mW/g**

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):  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 50.8$ ;  $\rho = 1000 \text{ kg/m}^3$

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:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

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

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

Peak SAR (extrapolated) = 1.23 W/kg

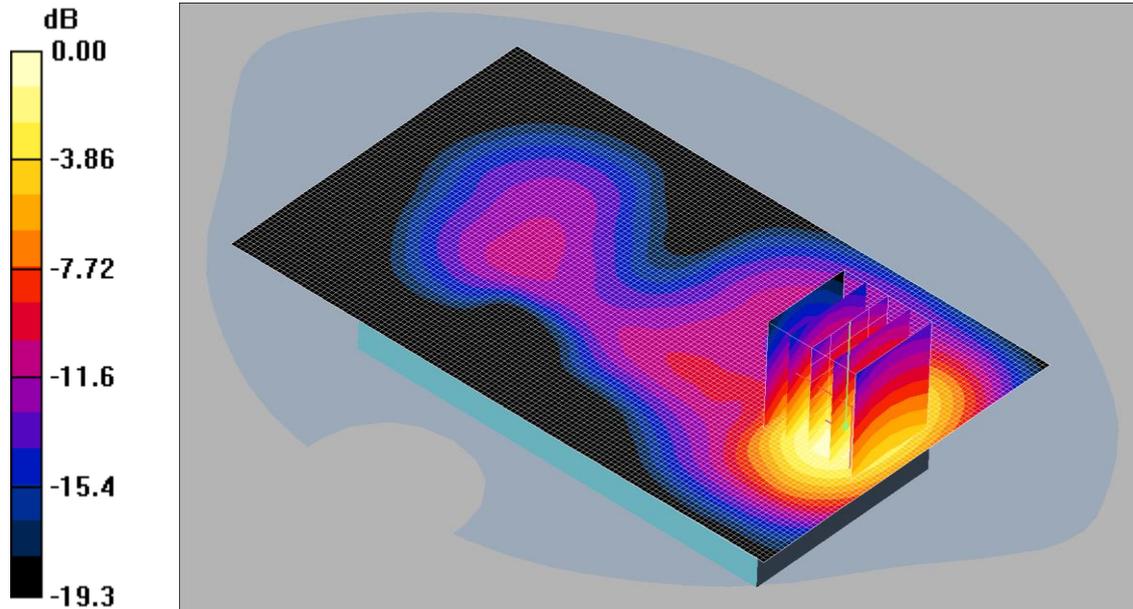
**SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.394 mW/g**

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

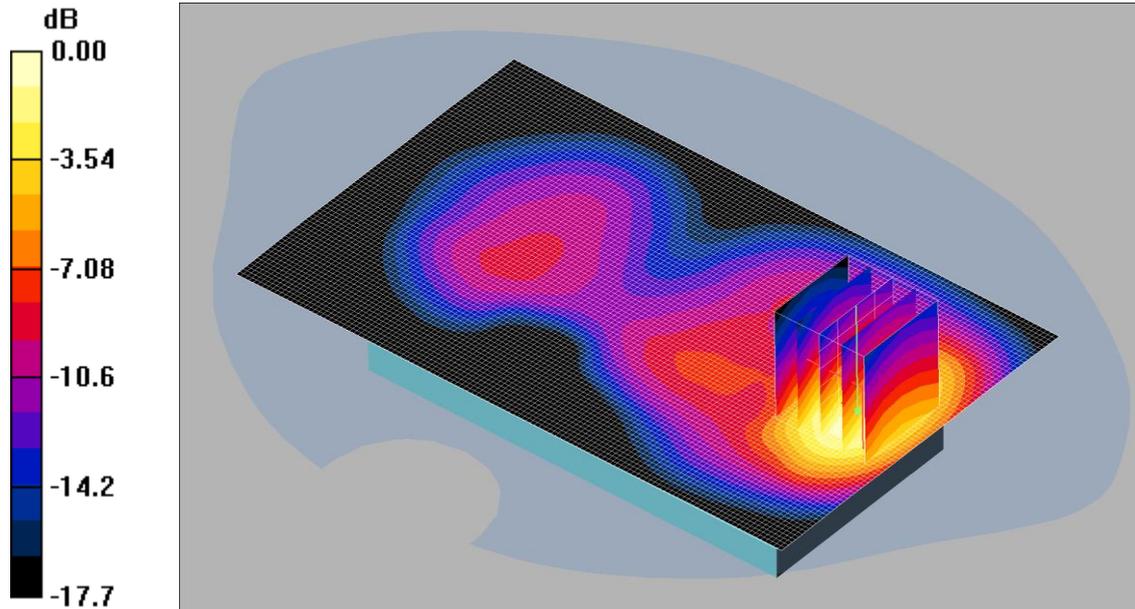
**SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.389 mW/g**

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

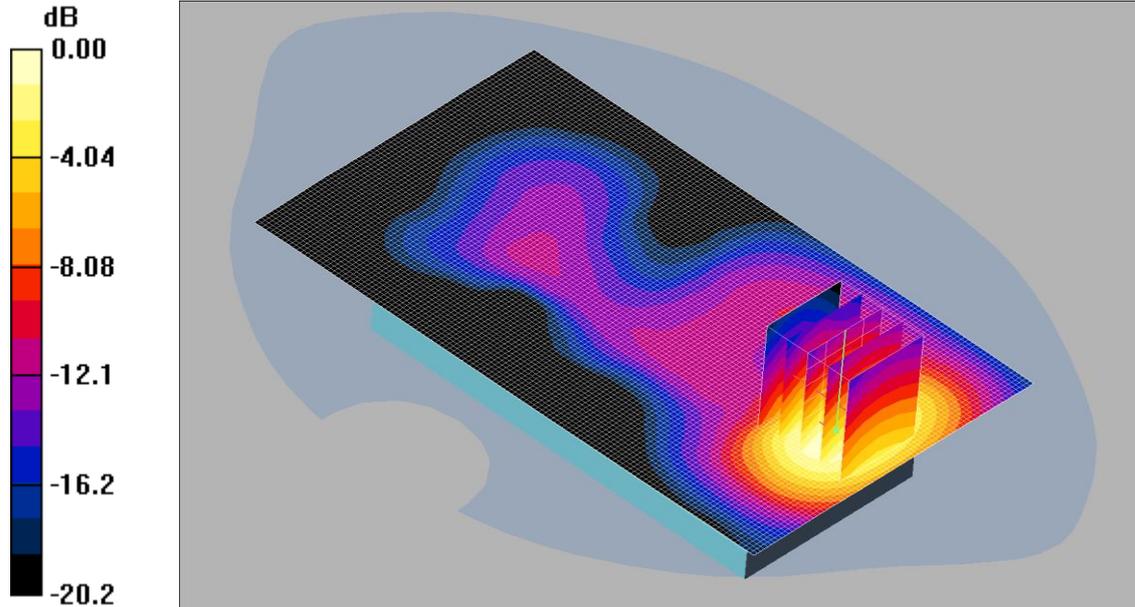
**SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.342 mW/g**

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



0 dB = 0.681mW/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):  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 50.8$ ;  $\rho = 1000 \text{ kg/m}^3$

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

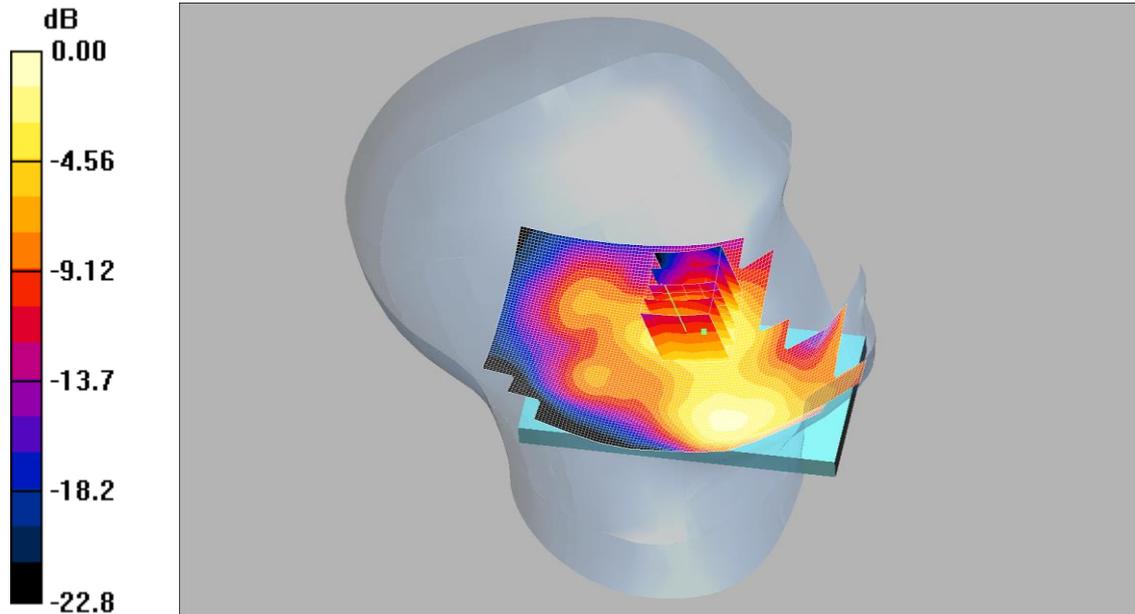
**SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.355 mW/g**

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

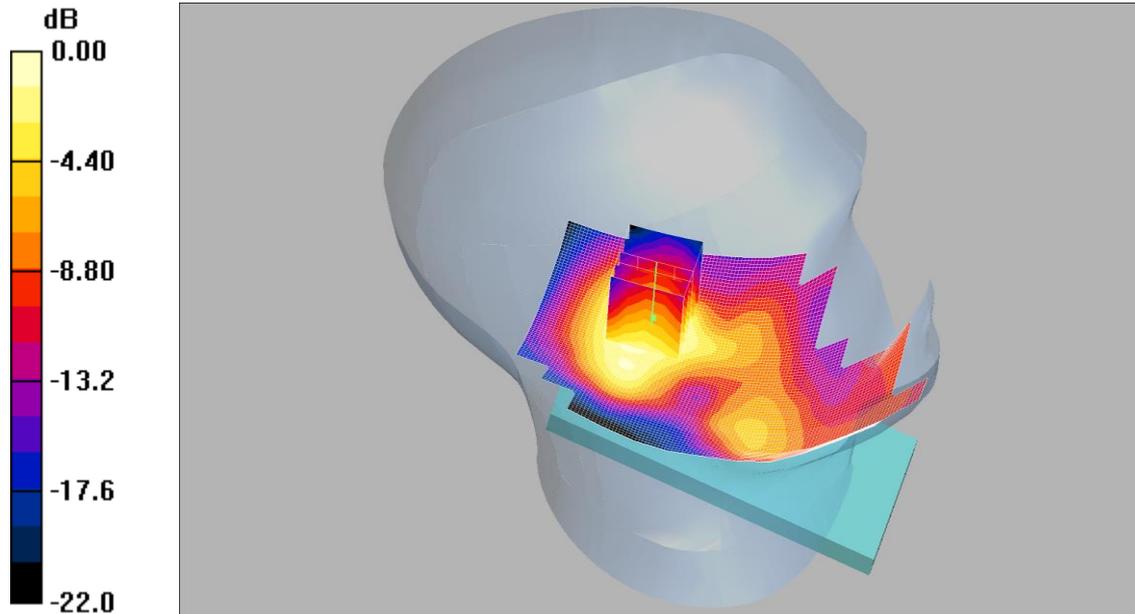
**SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.174 mW/g**

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

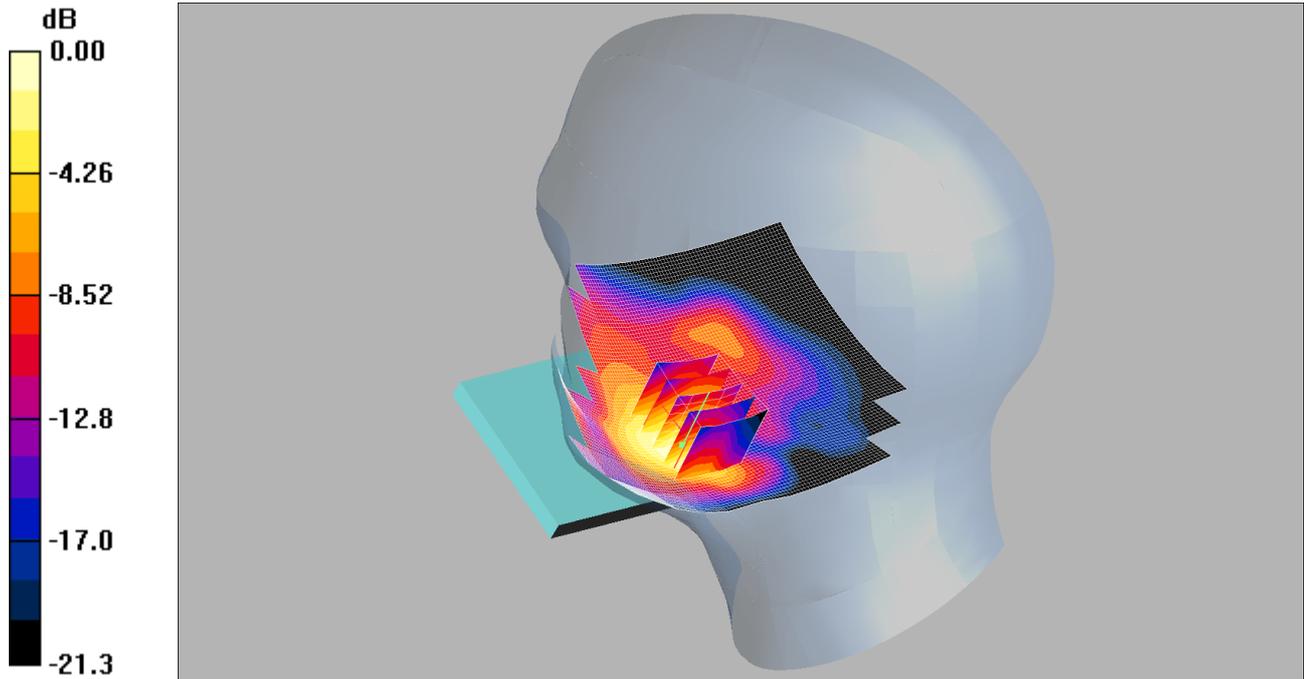
**SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.084 mW/g**

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

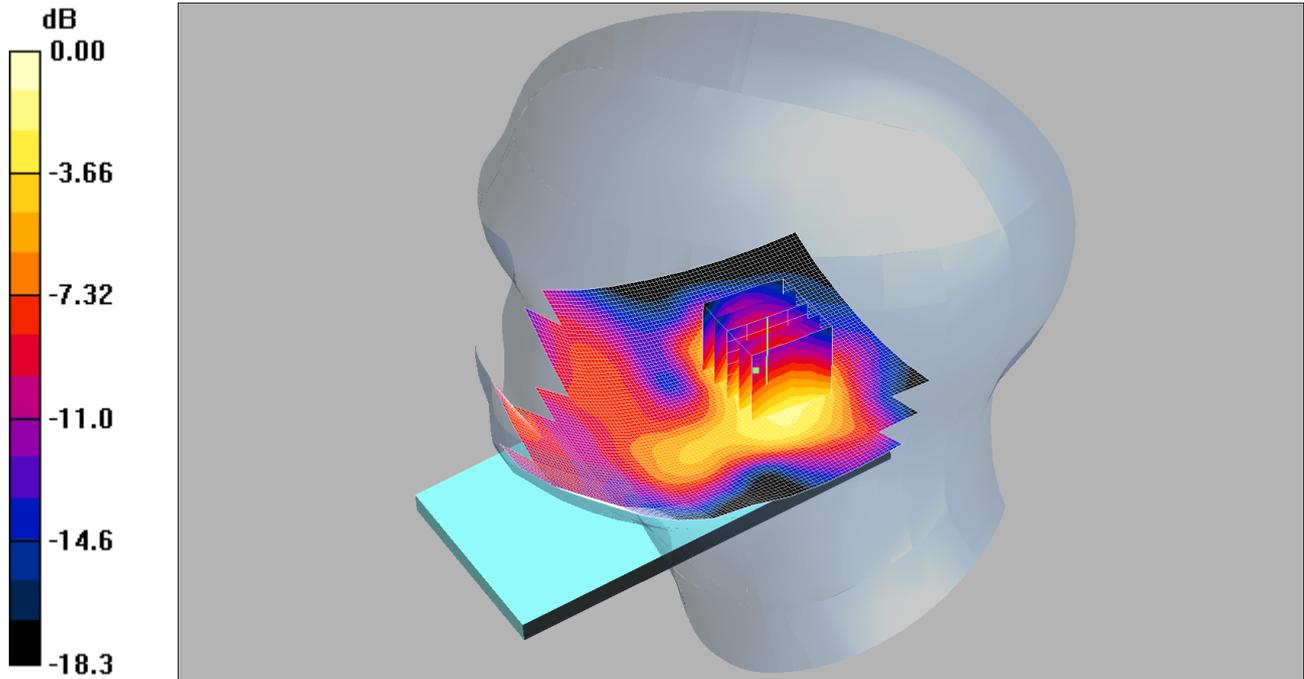
**SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.268 mW/g**

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

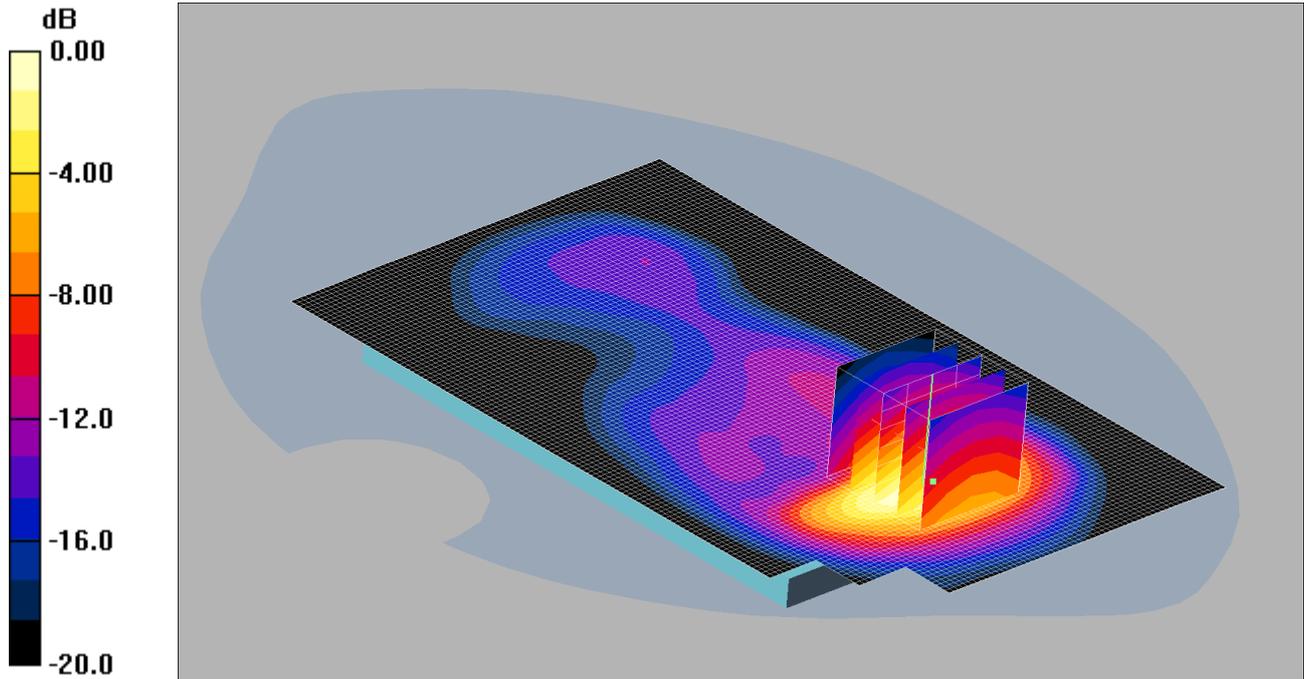
**SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.070 mW/g**

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

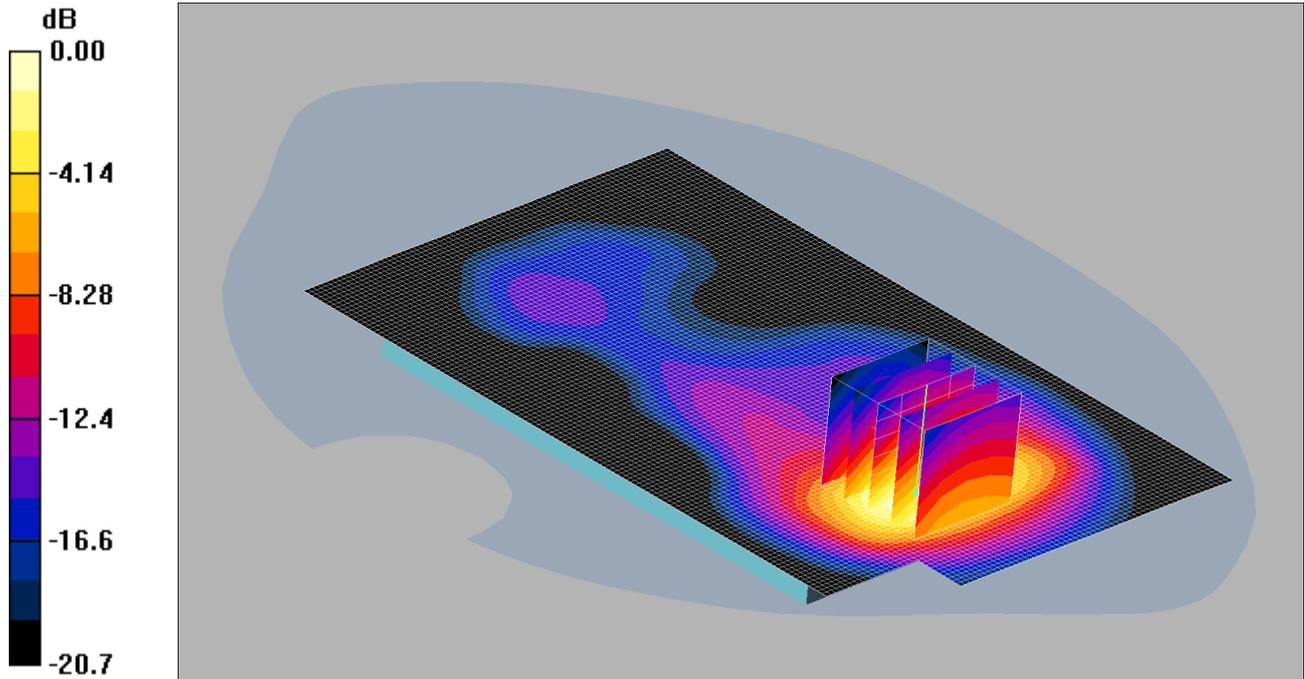
**SAR(1 g) = 0.609 mW/g; SAR(10 g) = 0.319 mW/g**

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

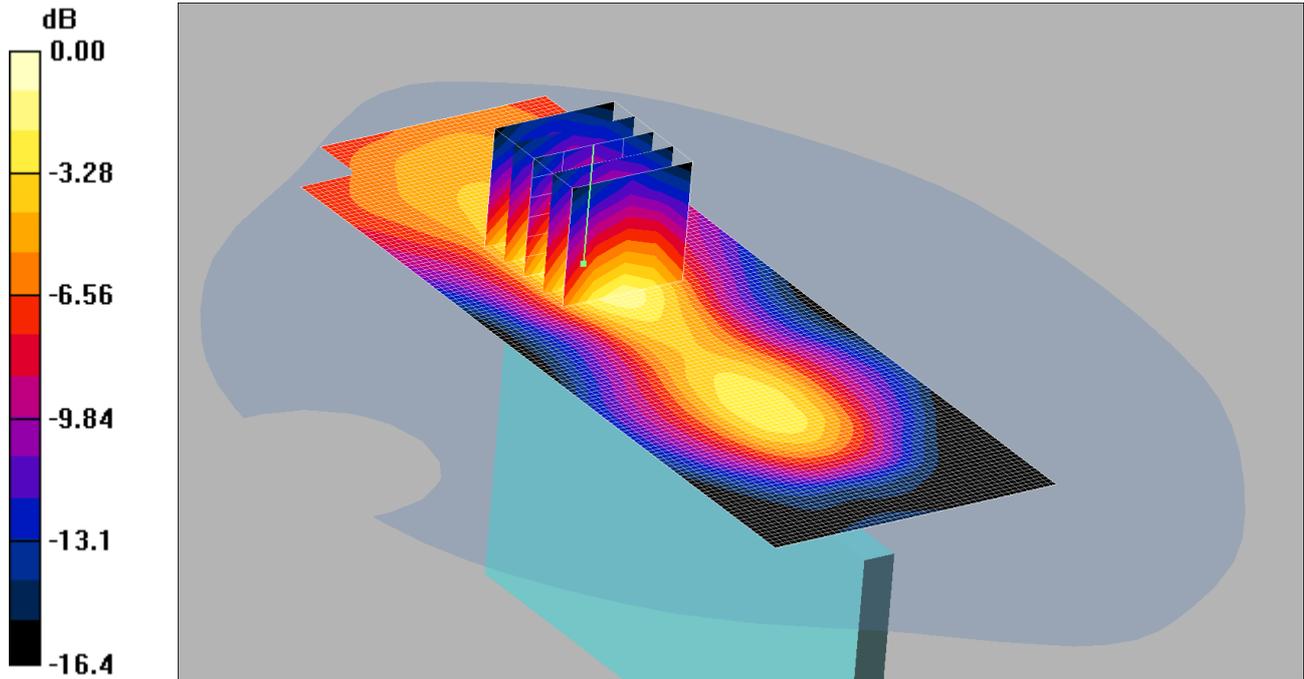
**SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.306 mW/g**

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

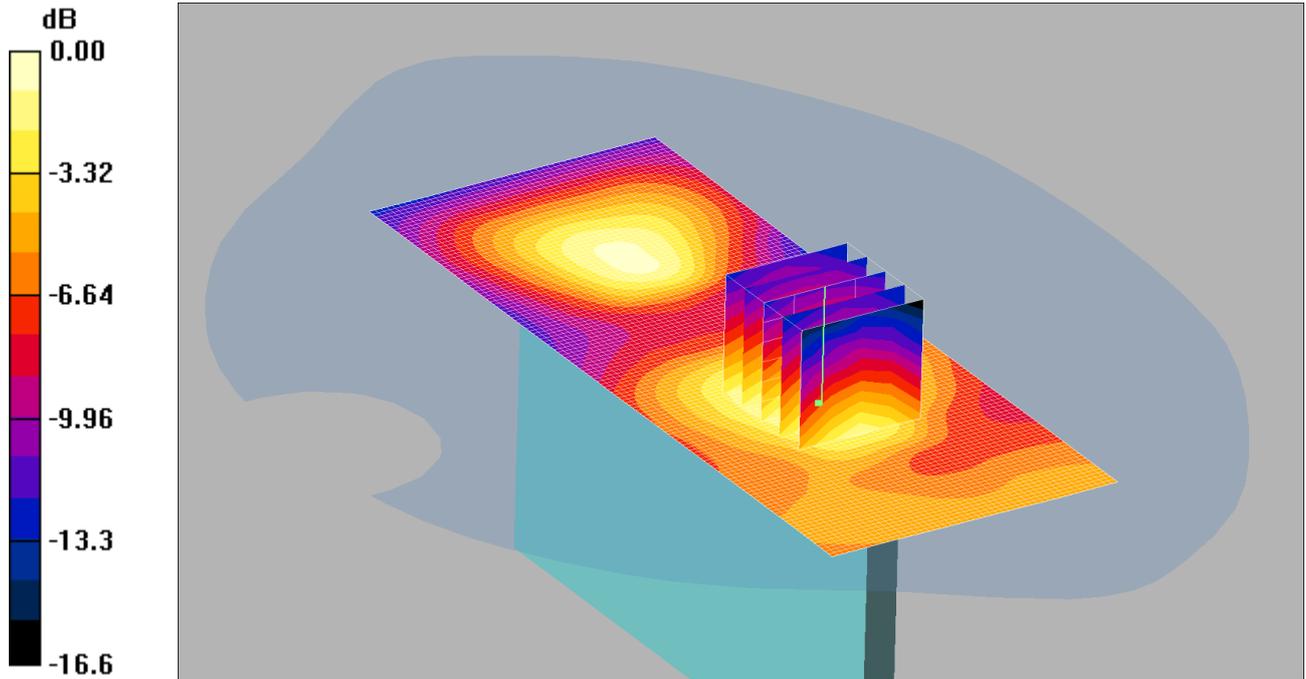
**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.036 mW/g**

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

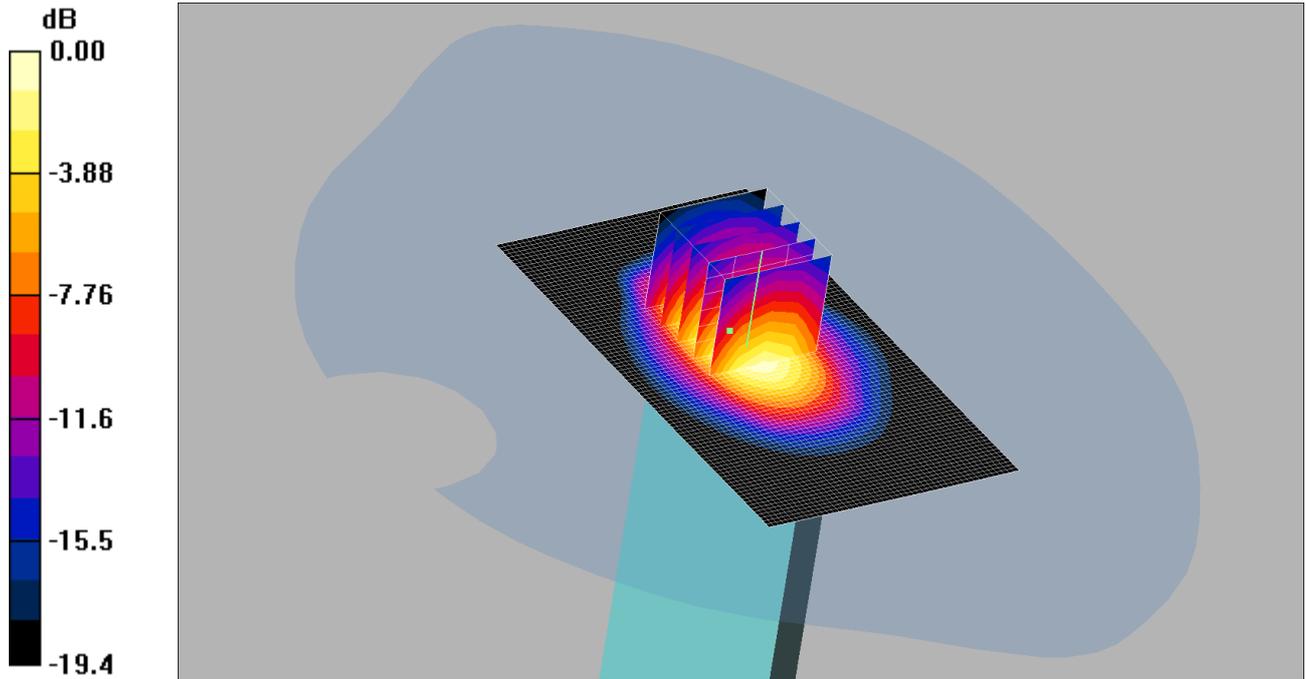
**SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.026 mW/g**

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

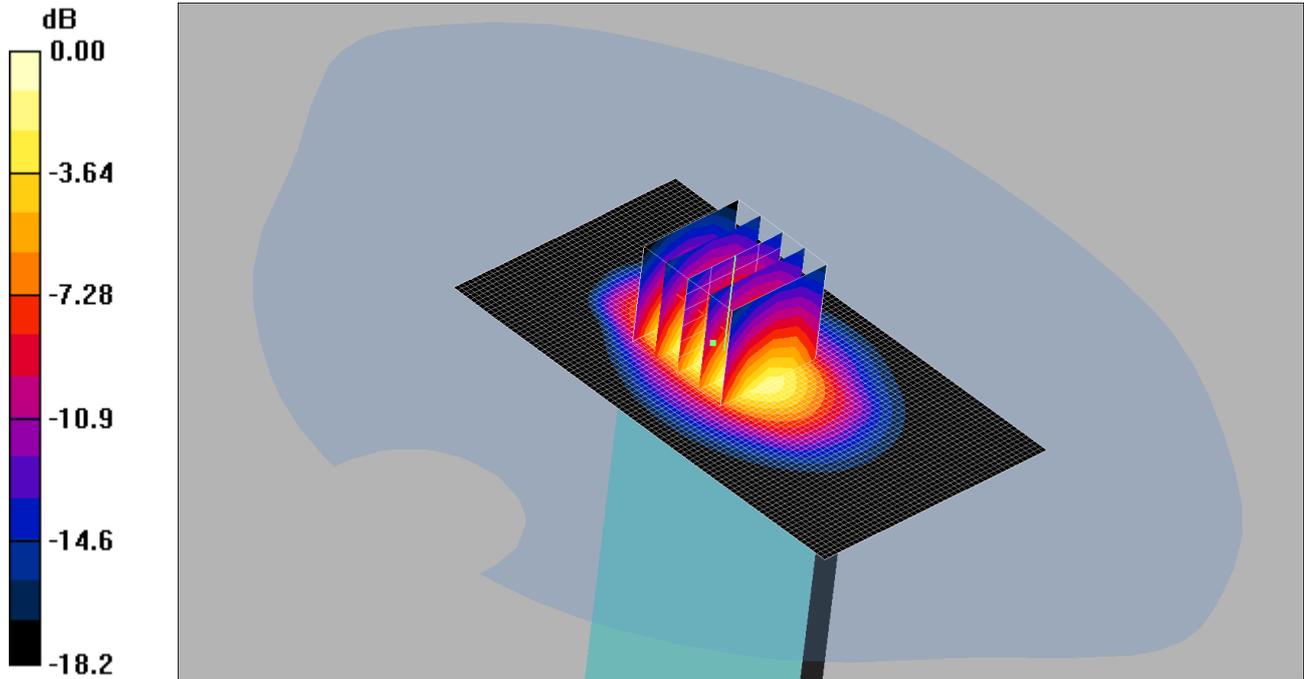
**SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.450 mW/g**

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

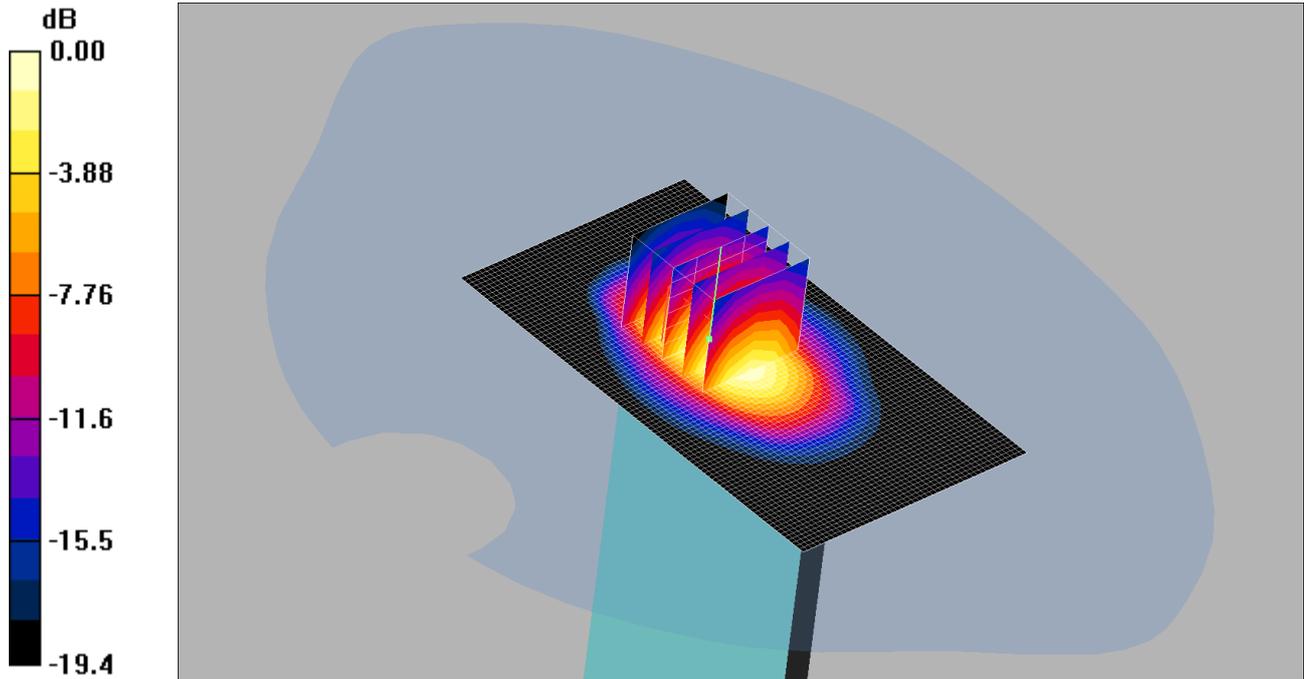
**SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.365 mW/g**

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):  $f = 1907.6 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 50.8$ ;  $\rho = 1000 \text{ kg/m}^3$

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:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

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

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

Peak SAR (extrapolated) = 1.58 W/kg

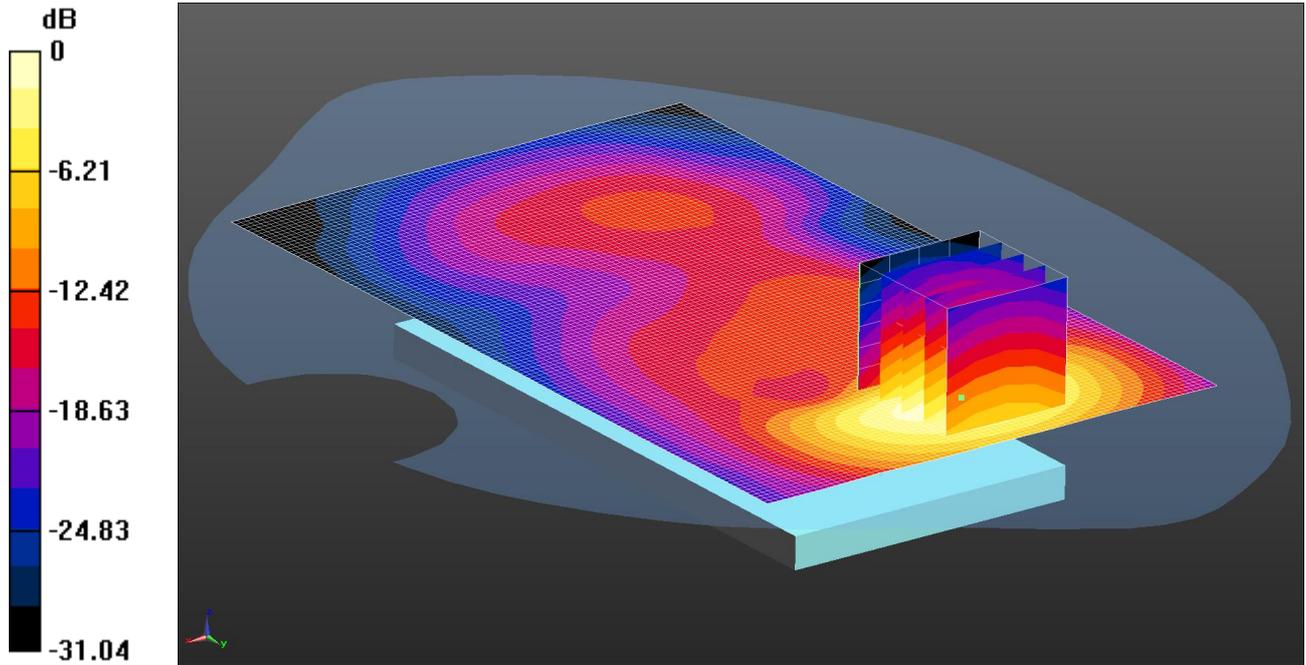
**SAR(1 g) = 0.906 mW/g; SAR(10 g) = 0.479 mW/g**

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

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

Peak SAR (extrapolated) = 1.94 W/kg

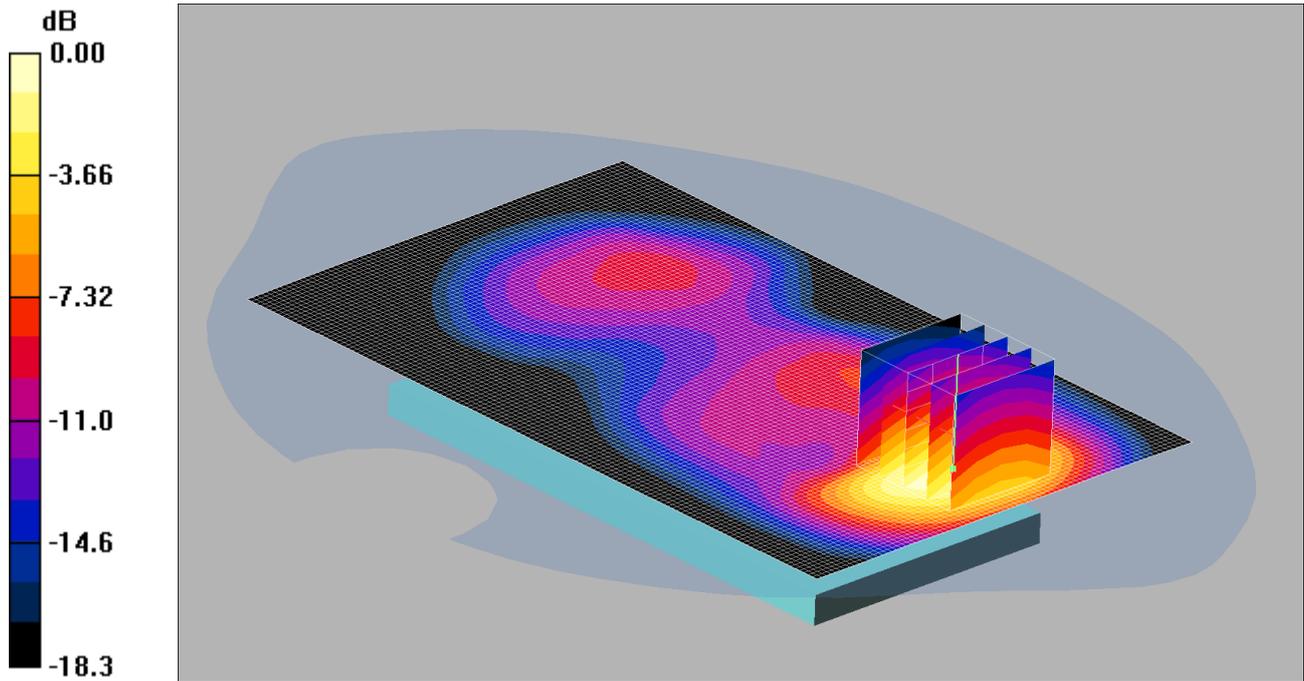
**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.656 W/kg**

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

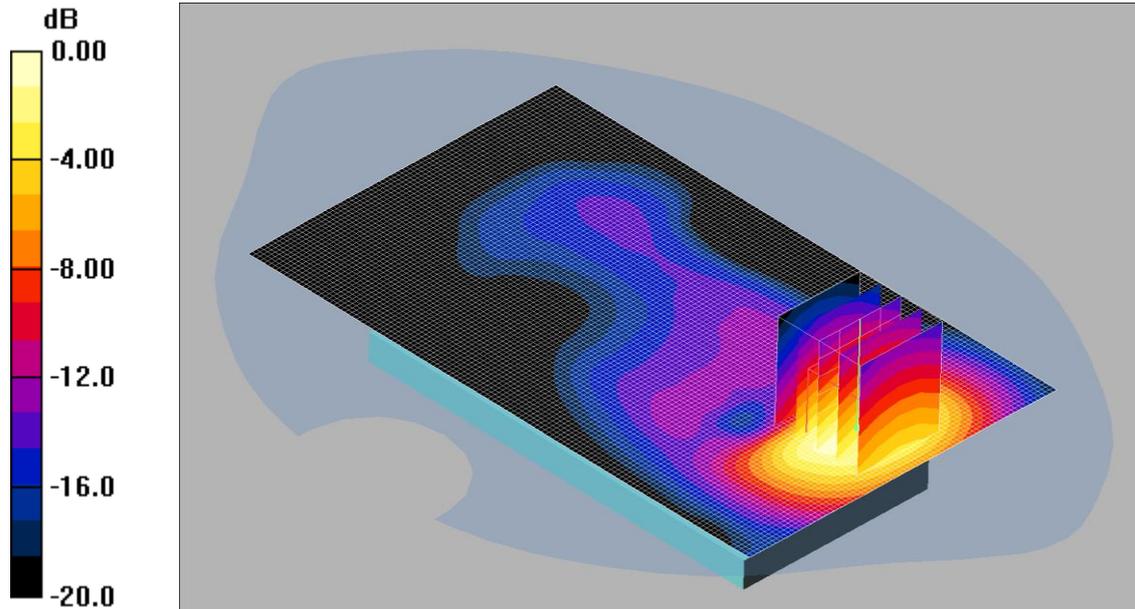
**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.594 mW/g**

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

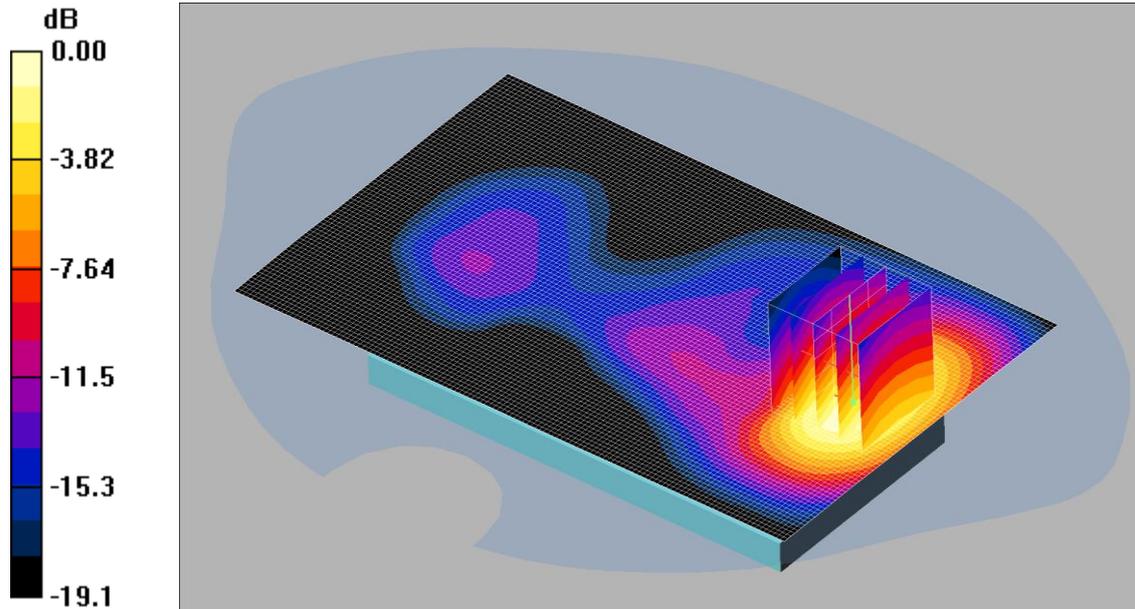
**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.625 mW/g**

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

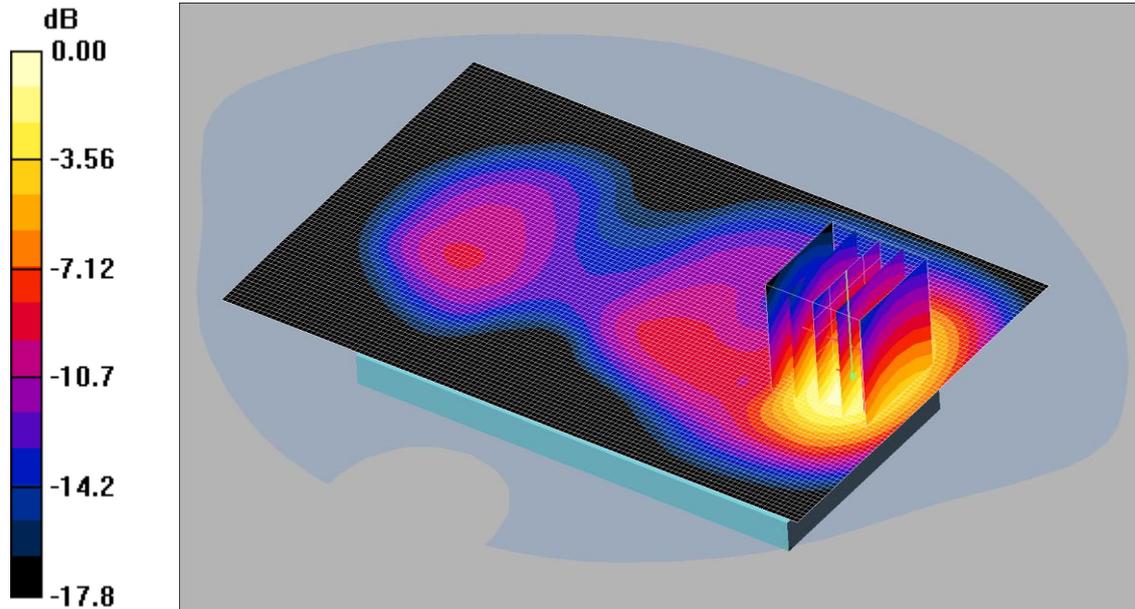
**SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.550 mW/g**

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

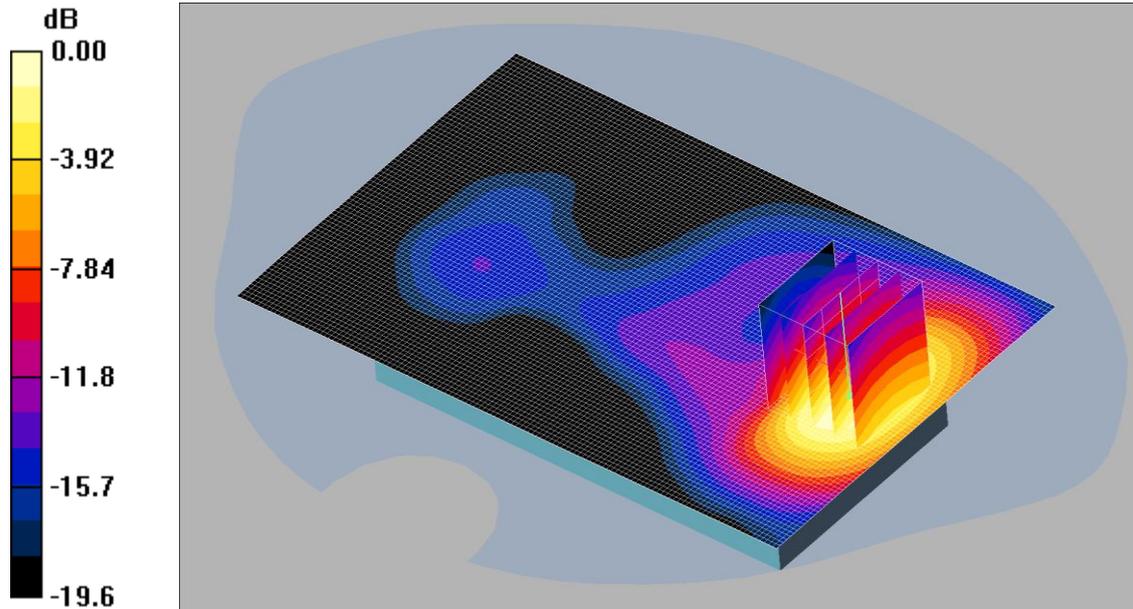
**SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.505 mW/g**

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

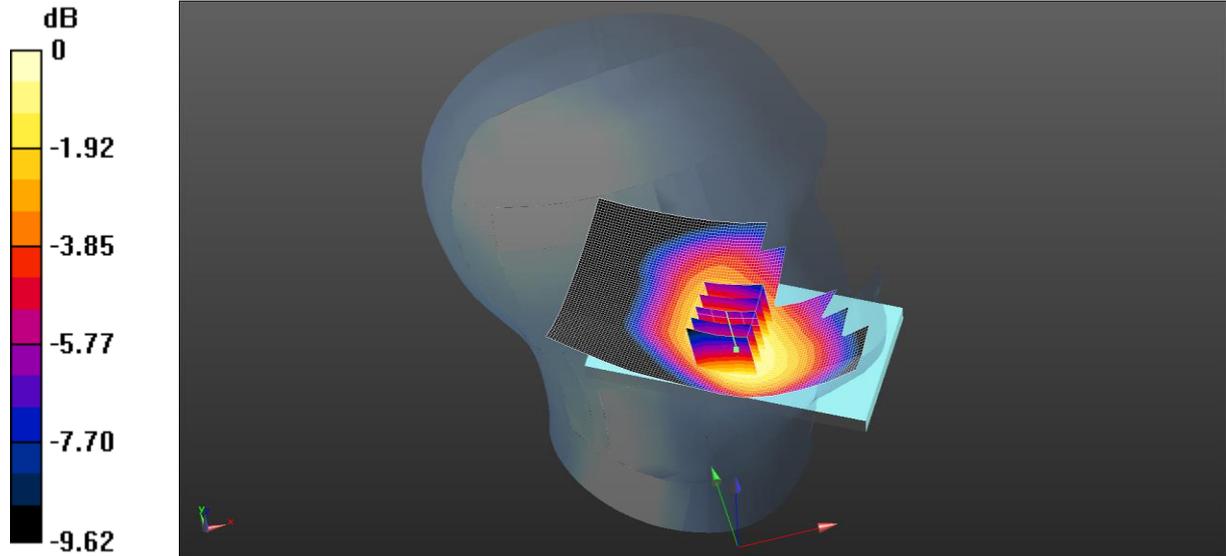
**SAR(1 g) = 0.903 mW/g; SAR(10 g) = 0.513 mW/g**

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

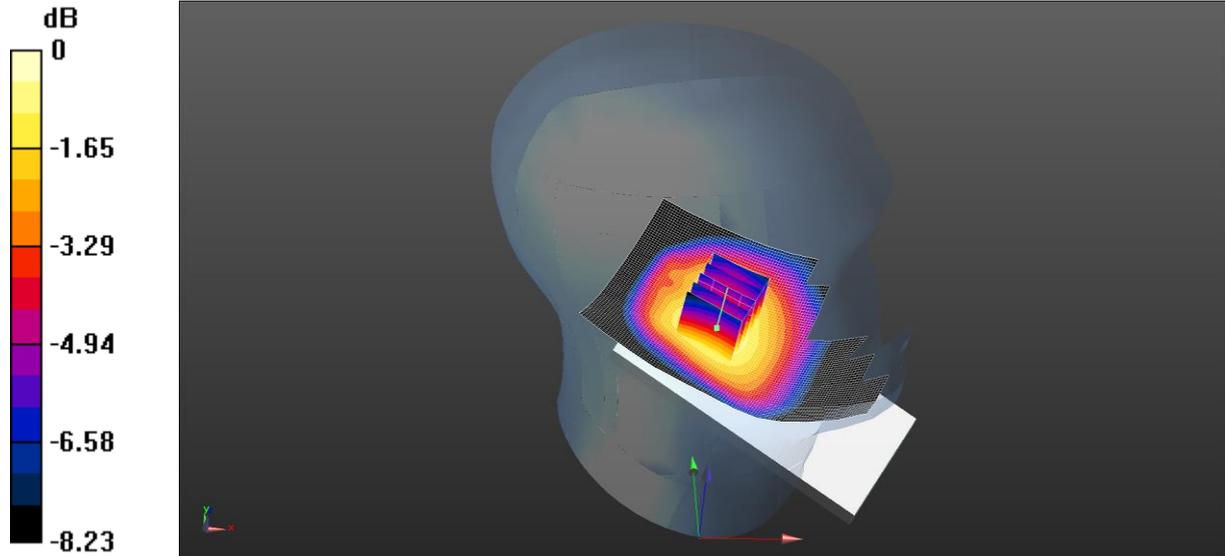
**SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.260 W/kg**

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

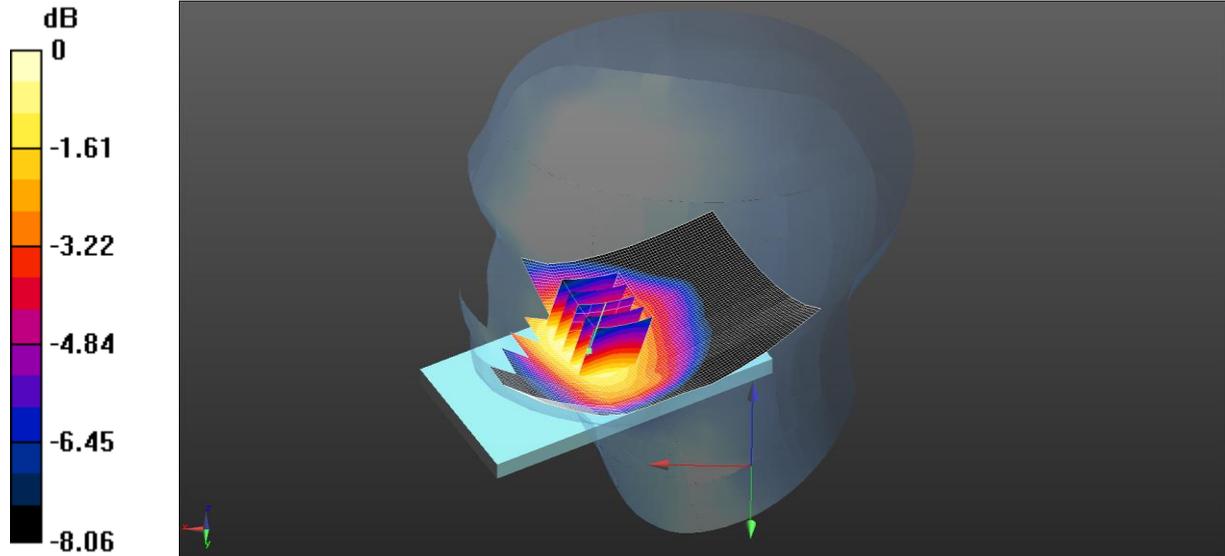
**SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.142 W/kg**

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

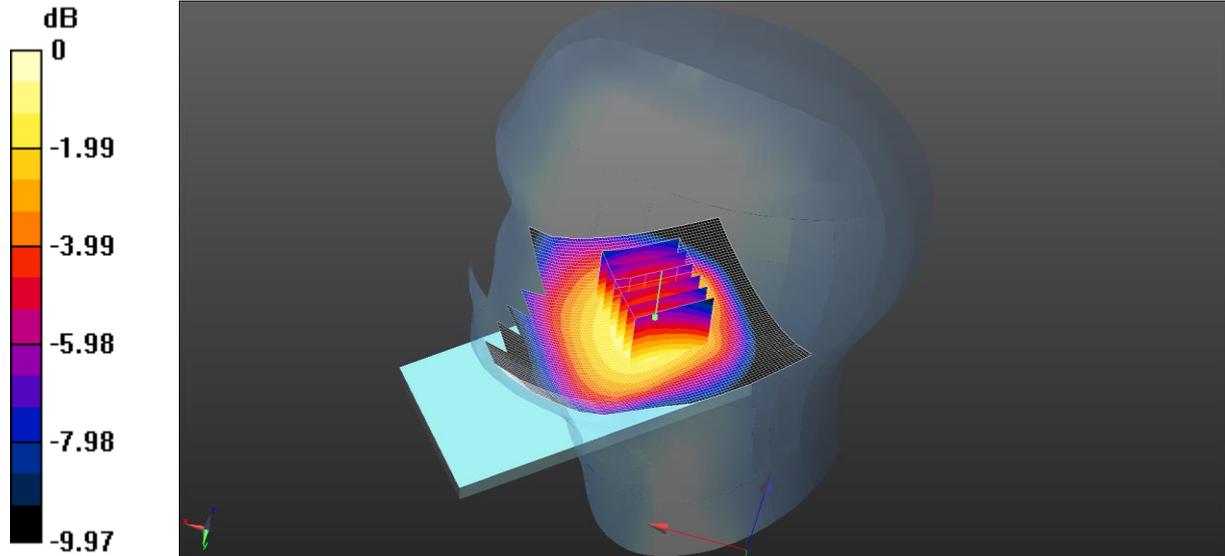
**SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.255 W/kg**

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

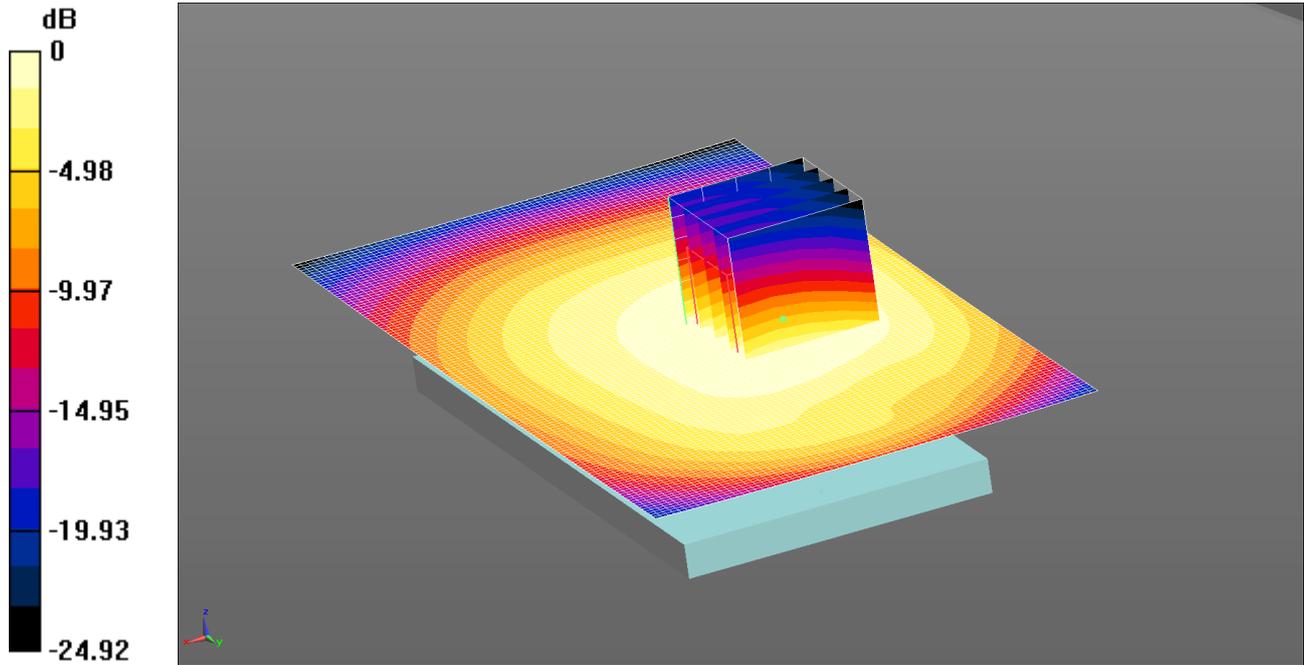
**SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.148 W/kg**

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

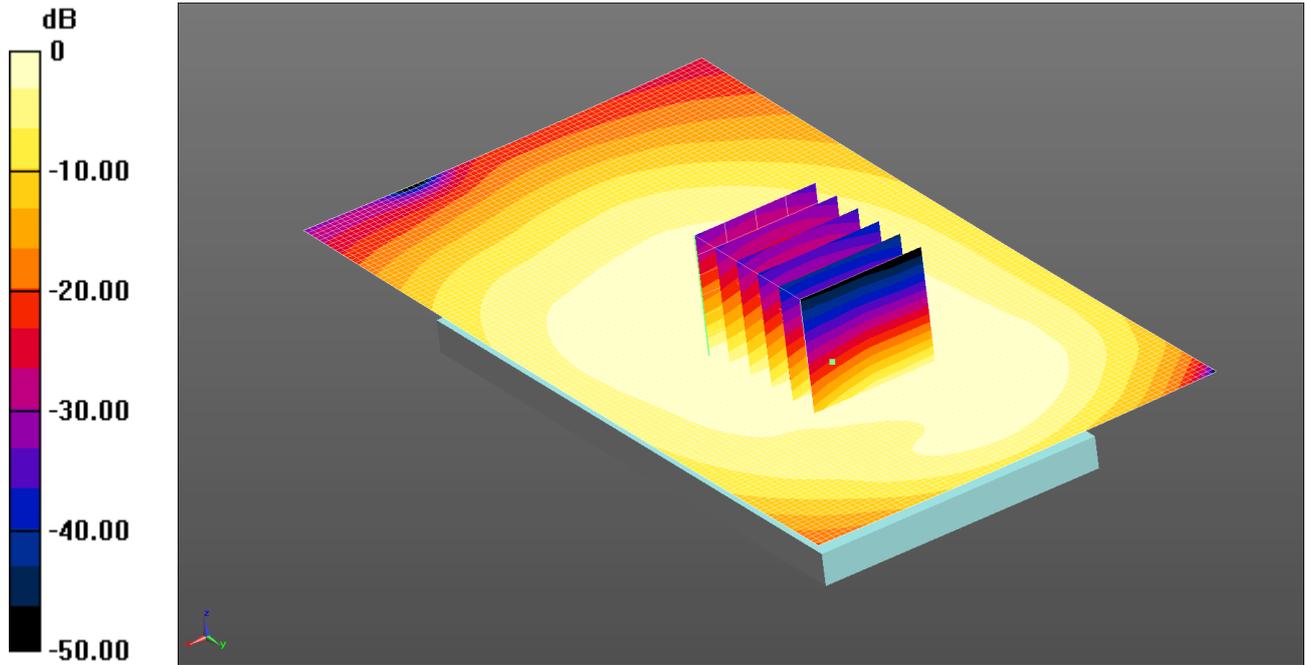
SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.315 W/kg

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

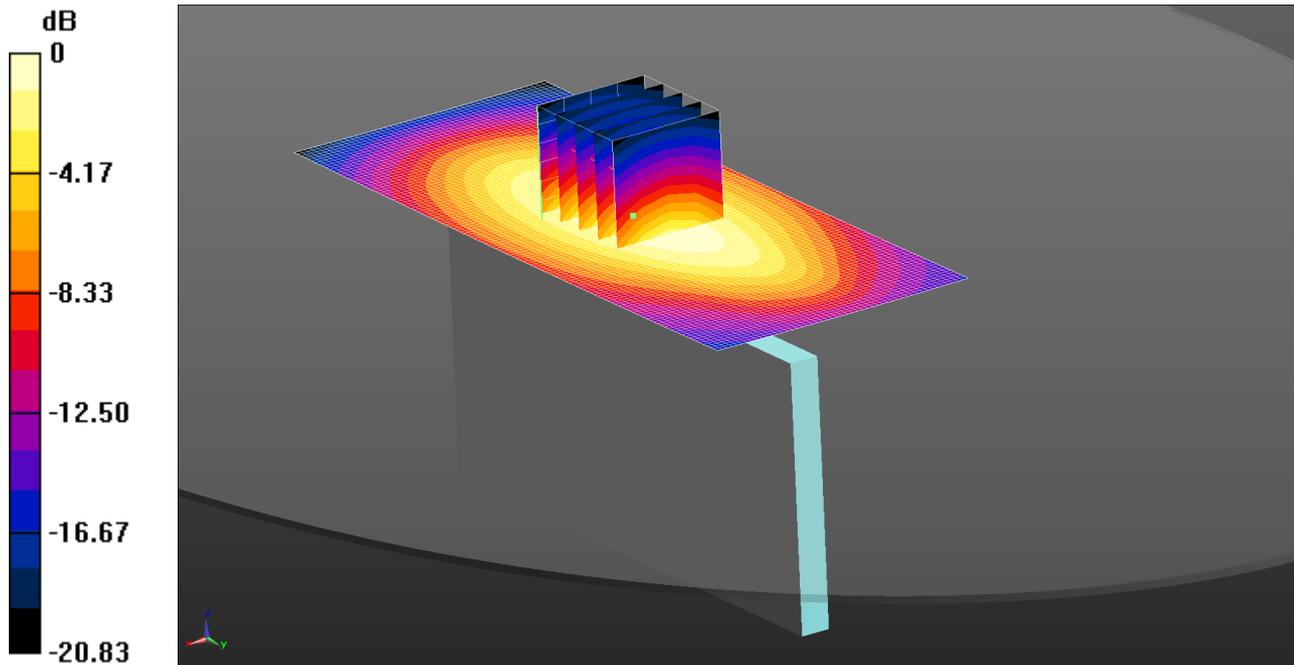
**SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.340 W/kg**

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

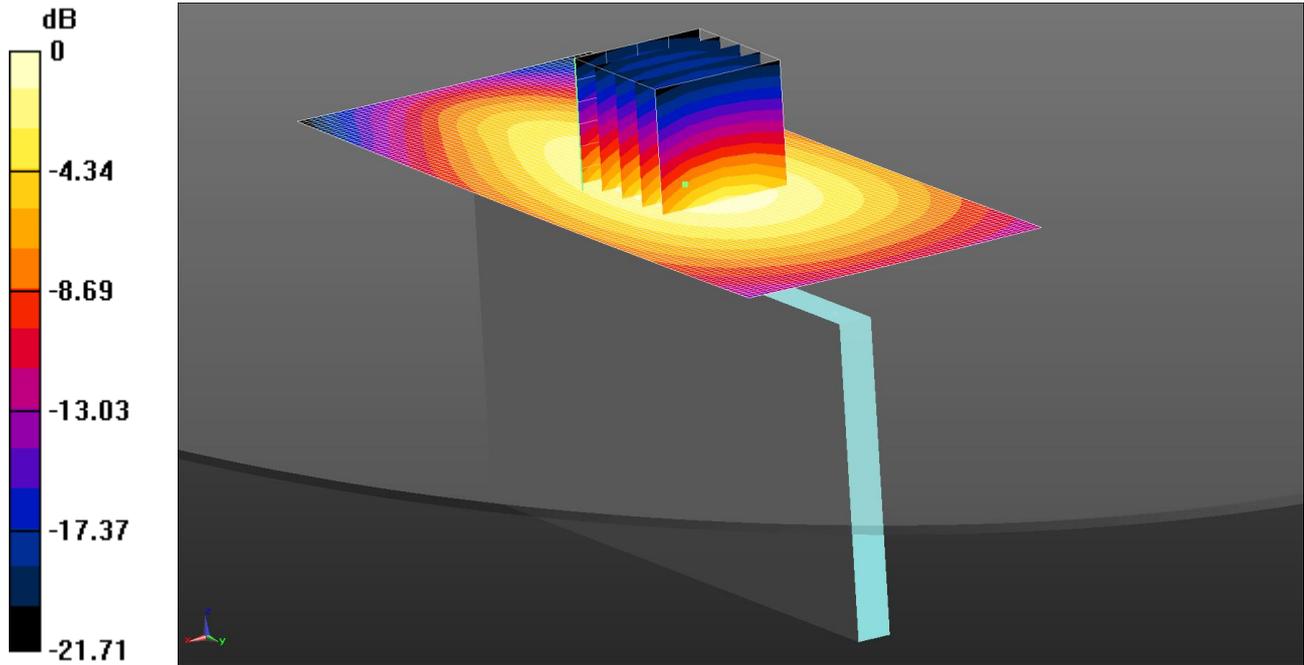
**SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.275 W/kg**

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

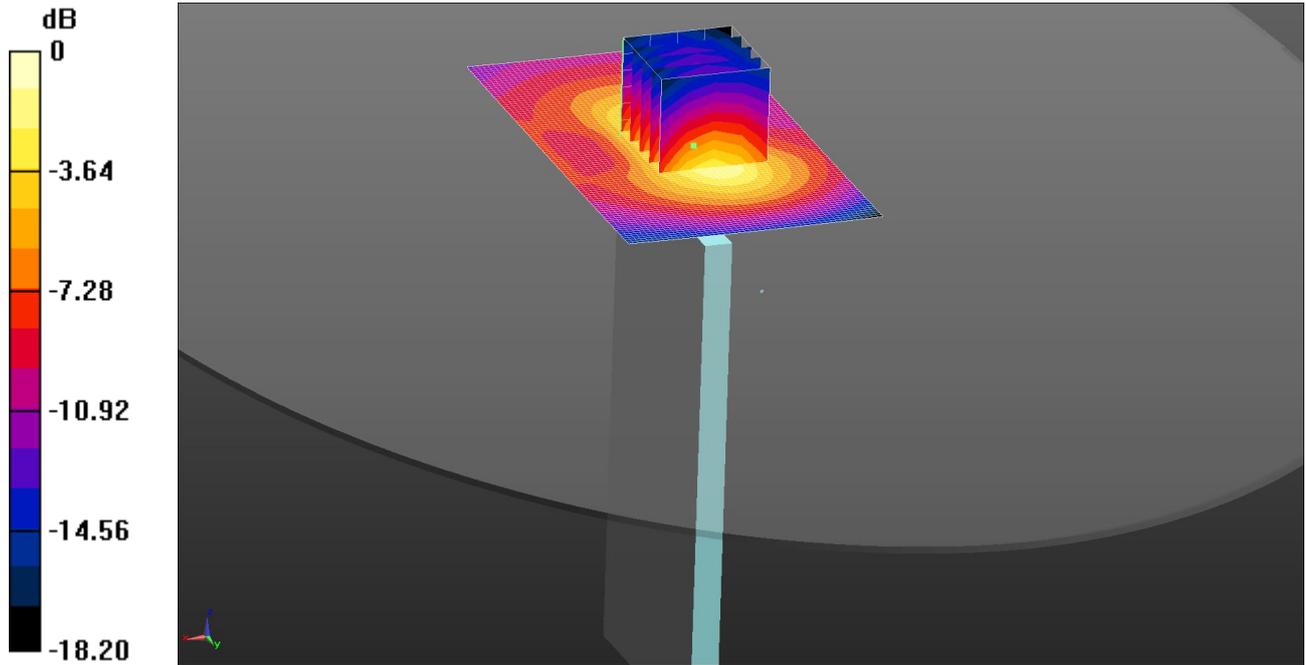
**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.142 W/kg**

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

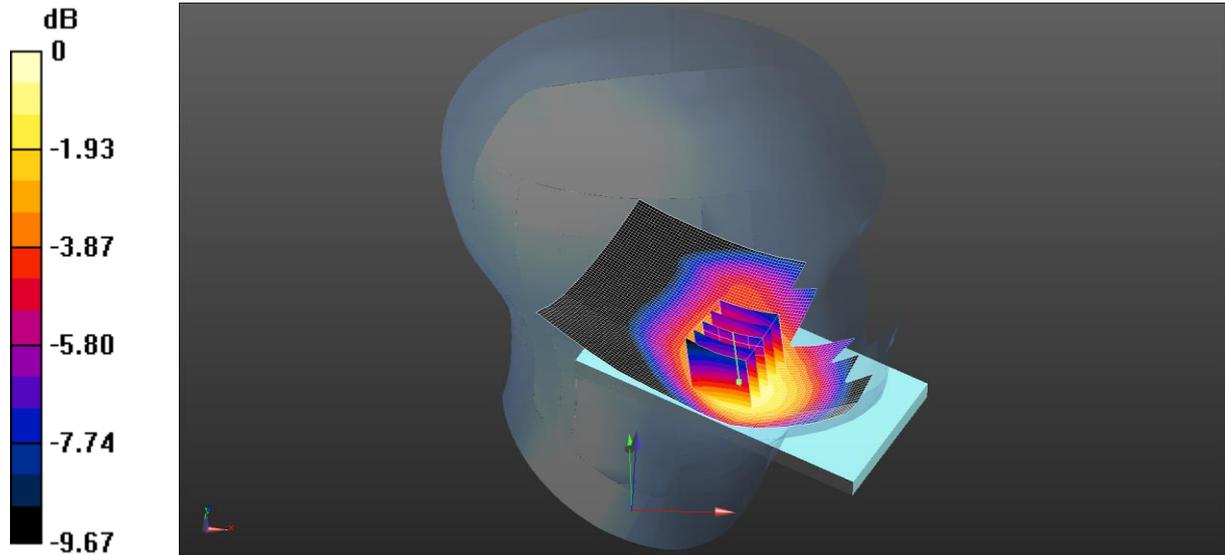
**SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.081 W/kg**

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

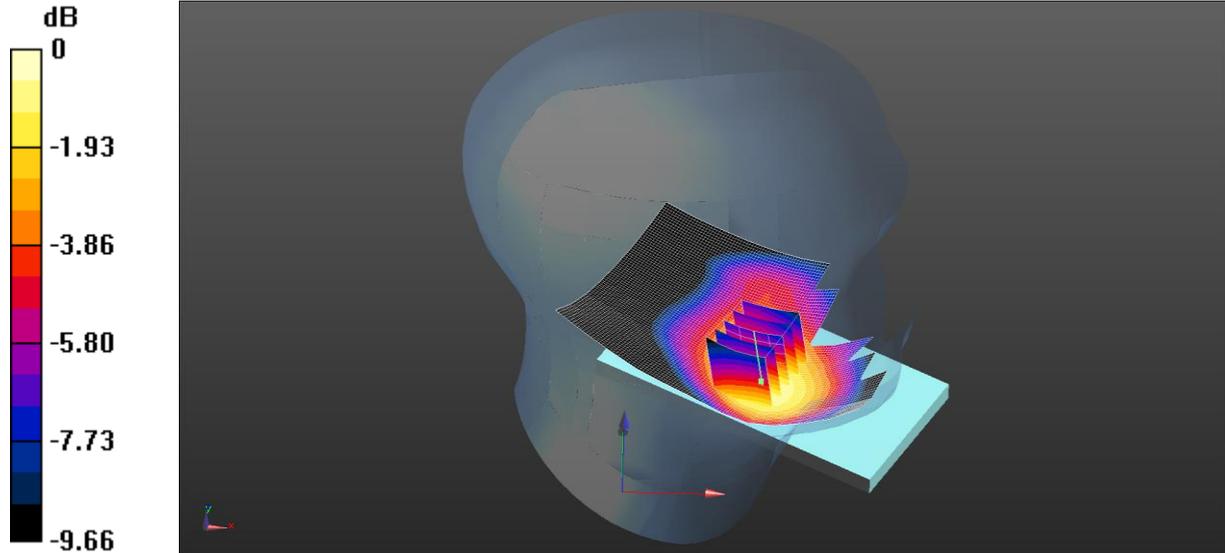
**SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.220 W/kg**

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

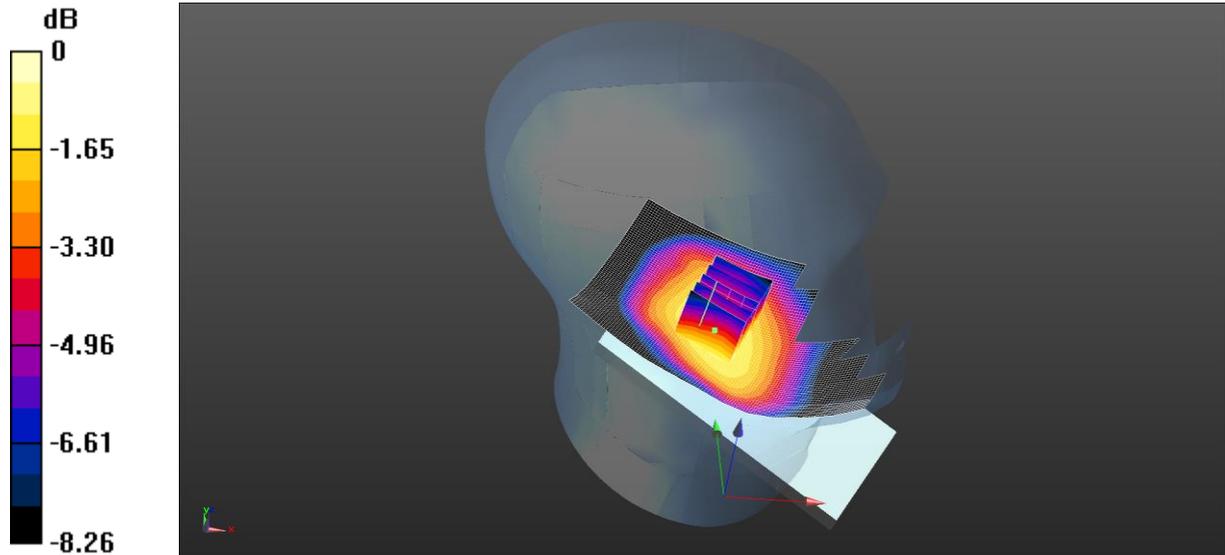
**SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.172 W/kg**

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

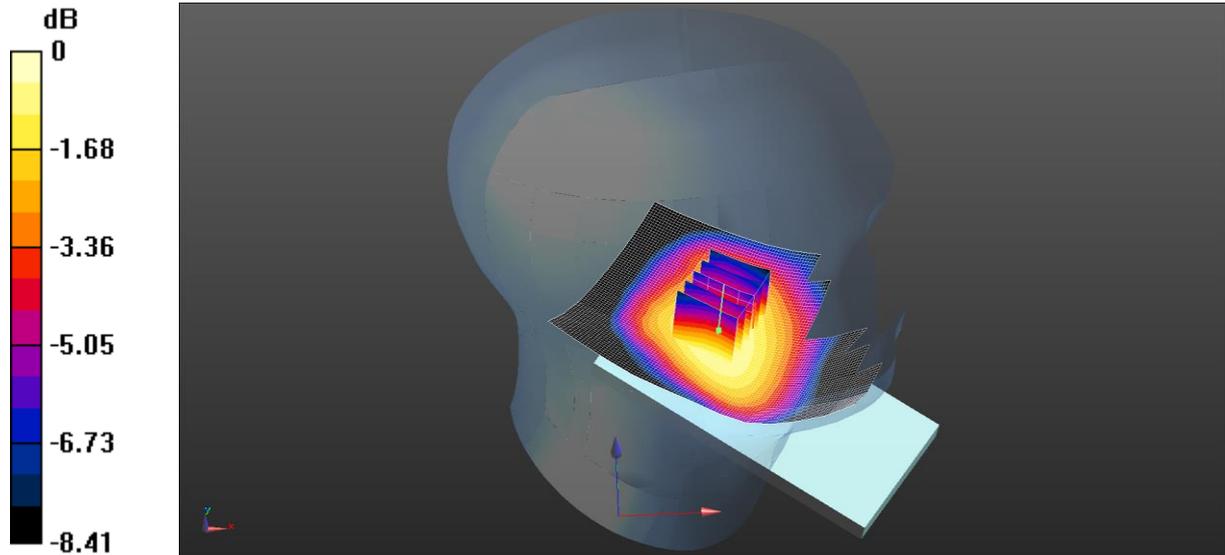
**SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.112 W/kg**

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

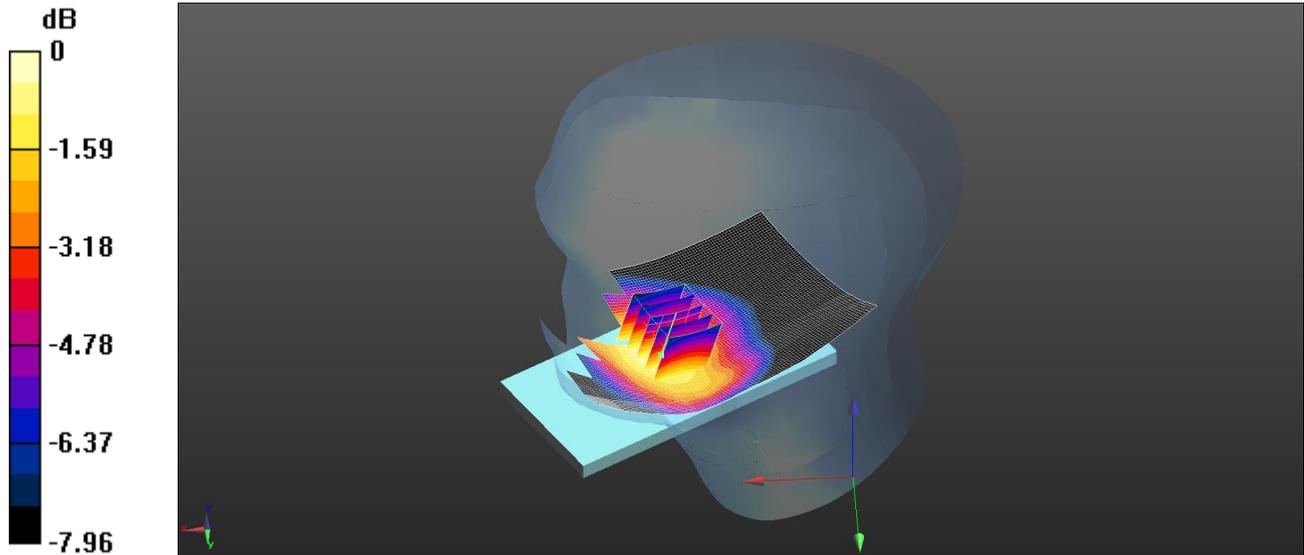
**SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.084 W/kg**

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

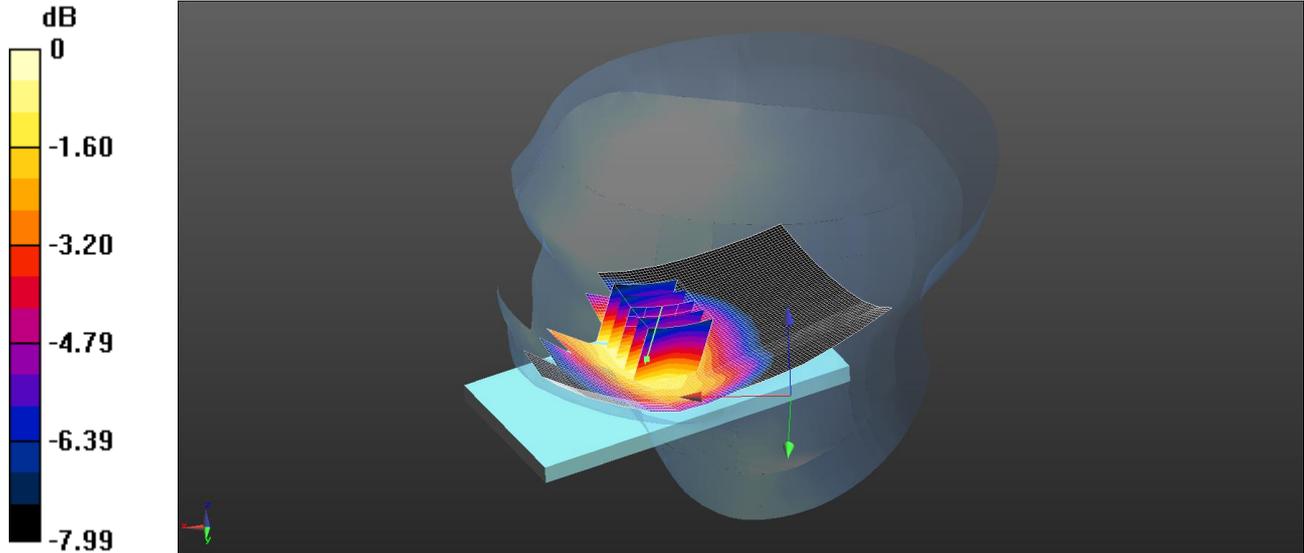
**SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.186 W/kg.**

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

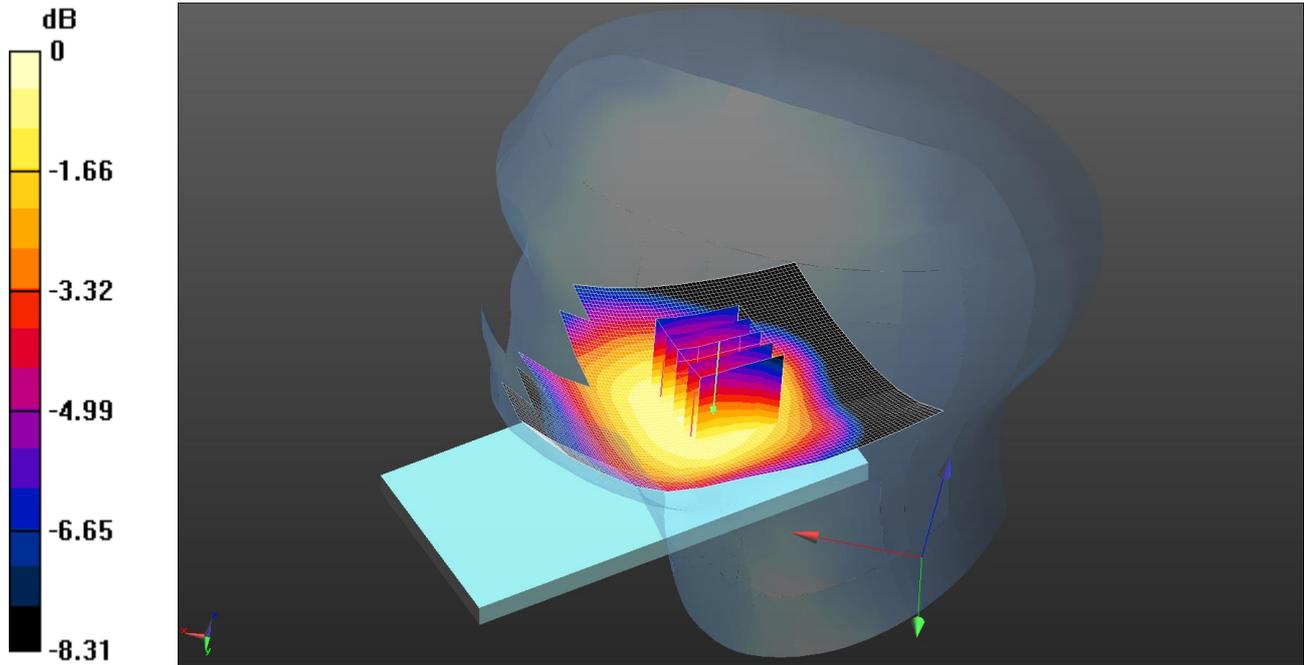
Communication System: UID 0, LTE Bands - 10MHz Channel BW (5); Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section  
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

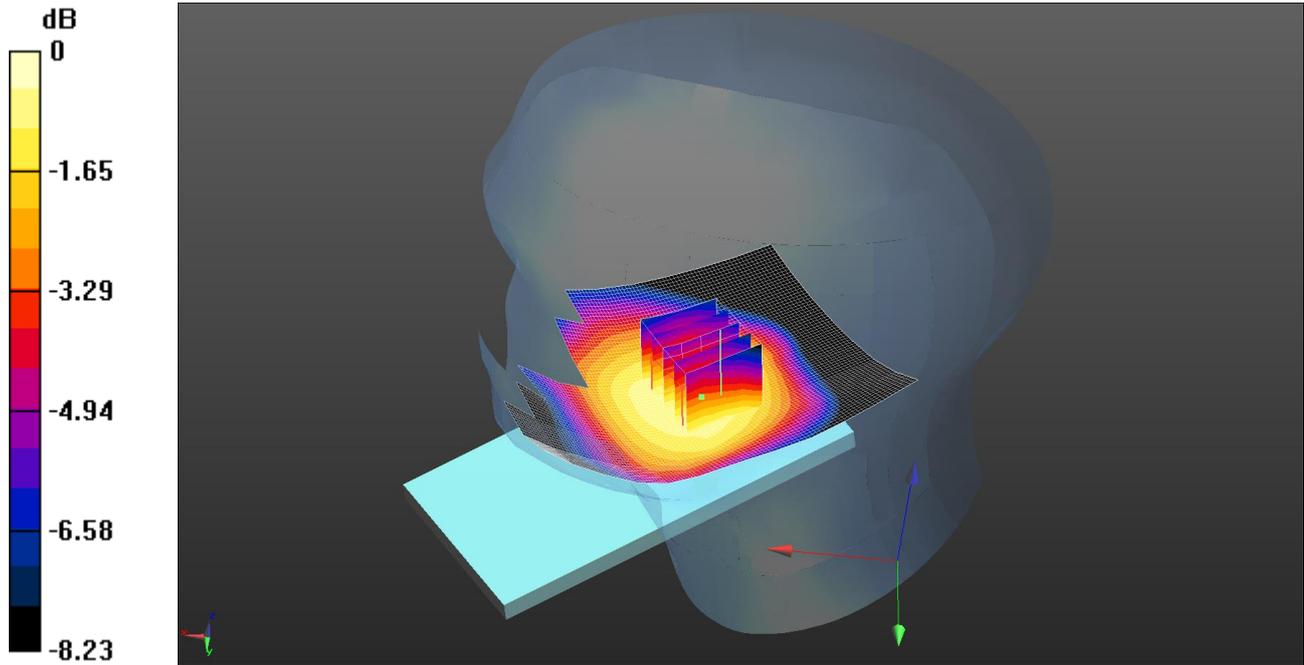
**SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.082 W/kg**

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