

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

Scan Reference Number	Title
001	Touch Left GSM850 DTM Class 9 CH190
002	Tilt Left GSM850 DTM Class 9 CH190
003	Touch Right GSM850 DTM Class 9 CH190
004	Tilt Right GSM850 DTM Class 9 CH190
005	Front of EUT Facing Phantom GPRS 850 CH190
006	Back of EUT Facing Phantom GPRS 850 CH190
007	Left Hand Side of EUT Facing Phantom GPRS 850 CH190
008	Right Hand Side of EUT Facing Phantom GPRS 850 CH190
009	Bottom of EUT Facing Phantom GPRS 850 CH190
010	Front of EUT Facing Phantom GSM850 DTM 9 CH190
011	Back of EUT Facing Phantom GSM850 DTM 9 CH190
012	Touch Left PCS1900 DTM Class 11 CH661
013	Tilt Left PCS1900 DTM Class 11 CH661
014	Touch Right PCS1900 DTM Class 11 CH661
015	Tilt Right PCS1900 DTM Class 11 CH661
016	Front of EUT Facing Phantom GPRS1900 CH661
017	Back of EUT Facing Phantom GPRS1900 CH661
018	Left hand side of EUT Facing Phantom GPRS1900 CH661
019	Right hand side of EUT Facing Phantom GPRS1900 CH661
020	Bottom of EUT Facing Phantom GPRS1900 CH661
021	Bottom of EUT Facing Phantom GPRS1900 CH512
022	Bottom of EUT Facing Phantom GPRS1900 CH810
023	Front of EUT Facing Phantom DTM 11 PCS CH661
024	Front of EUT Facing Phantom DTM 11 PCS CH512
025	Front of EUT Facing Phantom DTM 11 PCS CH810
026	Back of EUT Facing Phantom DTM 11 PCS CH661
027	Back of EUT Facing Phantom DTM 11 PCS CH512
028	Back of EUT Facing Phantom DTM 11 PCS CH810
029	Touch Left UMTS Band 2 CH9400
030	Tilt Left UMTS Band 2 CH9400
031	Touch Right UMTS Band 2 CH9400
032	Tilt Right UMTS Band 2 CH9400

Scan Reference Number	Title
033	Front of EUT Facing Phantom UMTS Band 2 CH9400
034	Back of EUT Facing Phantom UMTS Band 2 CH9400
035	Left Hand Side of EUT Facing Phantom UMTS Band 2 CH9400
036	Right Hand Side of EUT Facing Phantom UMTS Band 2 CH9400
037	Bottom Hand Side of EUT Facing Phantom UMTS Band 2 CH9400
038	Bottom Hand Side of EUT Facing Phantom UMTS Band 2 CH9262
039	Bottom Hand Side of EUT Facing Phantom UMTS Band 2 CH9538
040	Front of EUT Facing Phantom at 15 mm UMTS Band 2 CH9400
041	Back of EUT Facing Phantom at 15 mm UMTS Band 2 CH9400
042	Touch Left UMTS FDD5 CH4183
043	Tilt Left UMTS FDD5 CH4183
044	Touch Right UMTS FDD5 CH4183
045	Tilt Right UMTS FDD5 CH4183
046	Front of EUT Facing Phantom UMTS FDD 5 CH4183
047	Back of EUT Facing Phantom UMTS FDD 5 CH4183
048	Left Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183
049	Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183
050	Bottom of EUT Facing Phantom UMTS FDD 5 CH4183
051	Touch Left LTE Band 17 1RB Low CH23790
052	Touch Left LTE Band 17 50%RB Low CH23790
053	Tilt Left LTE Band 17 1RB Low CH23790
054	Tilt Left LTE Band 17 50%RB Low CH23790
055	Touch Right LTE Band 17 1RB Low CH23790
056	Touch Right LTE Band 17 50%RB Low CH23790
057	Tilt Right LTE Band 17 1RB Low CH23790
058	Tilt Right LTE Band 17 50%RB Low CH23790
059	Front of EUT Facing Phantom LTE Band 17 1RB Low CH23790
060	Front of EUT Facing Phantom LTE Band 17 50%RB Low CH23790
061	Back of EUT Facing Phantom LTE Band 17 1RB Low CH23790
062	Back of EUT Facing Phantom LTE Band 17 50%RB Low CH23790
063	Left Hand Side of EUT Facing Phantom LTE Band 17 1RB Low CH23790
064	Left Hand Side of EUT Facing Phantom LTE Band 17 50%RB Low CH23790
065	Right Hand Side of EUT Facing Phantom LTE Band 17 1RB Low CH23790
066	Right Hand Side of EUT Facing Phantom LTE Band 17 50%RB Low CH23790

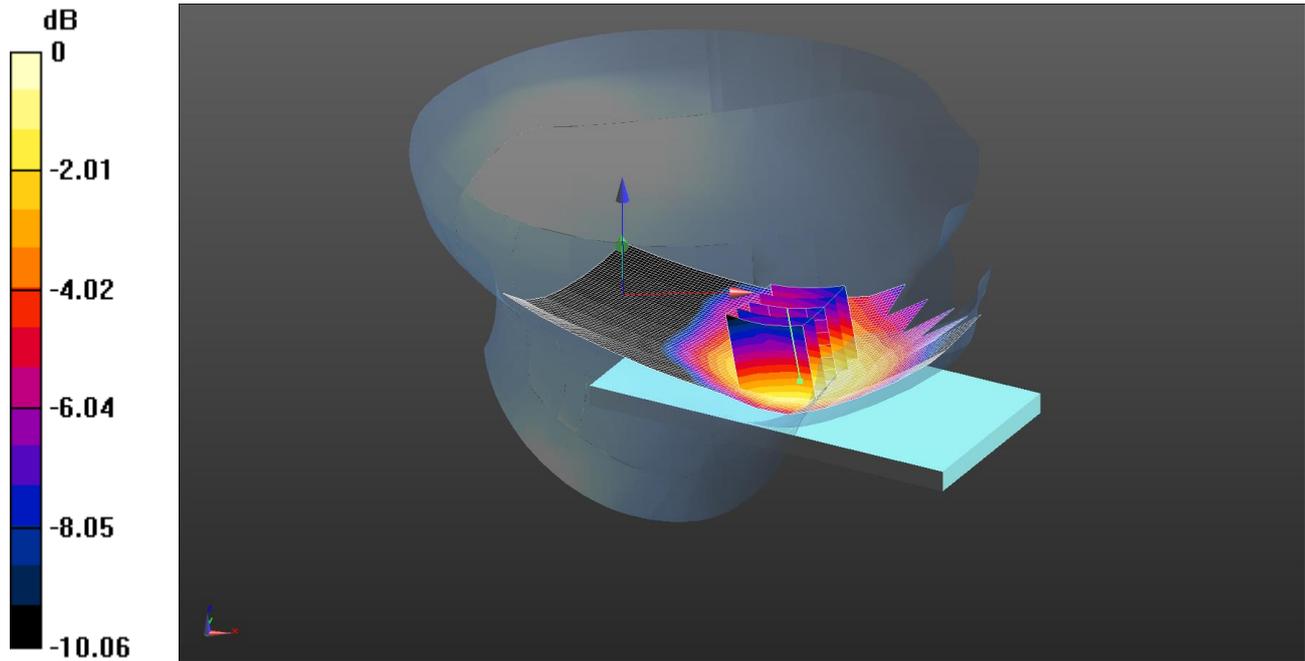
Scan Reference Number	Title
067	Bottom of EUT Facing Phantom LTE Band 17 1RB Low CH23790
068	Bottom of EUT Facing Phantom LTE Band 17 50%RB Low CH23790
069	Touch Left Wi-Fi 802.11b 1Mbps CH6
070	Tilt Left Wi-Fi 802.11b 1Mbps CH6
071	Touch Right Wi-Fi 802.11b 1Mbps CH6
072	Tilt Right Wi-Fi 802.11b 1Mbps CH6
073	Front of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
074	Back of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
075	Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
076	Top Hand Side Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
077	Touch Left WLAN 802.11a 6Mbps CH48
078	Tilt Left WLAN 802.11a 6Mbps CH48
079	Touch Right WLAN 802.11a 6Mbps CH48
080	Tilt Right WLAN 802.11a 6Mbps CH48
081	Touch Right WLAN 802.11a 6Mbps CH64
082	Touch Right WLAN 802.11a 6Mbps CH104
083	Touch Right WLAN 802.11a 6Mbps CH165
084	Touch Right WLAN 802.11a 13.5Mbps CH38
085	Touch Right WLAN 802.11a 13.5Mbps CH54
086	Touch Right WLAN 802.11a 13.5Mbps CH110
087	Touch Right WLAN 802.11a 13.5Mbps CH151
088	Touch Right WLAN 802.11ac 29.3Mbps CH42
089	Touch Right WLAN 802.11ac 29.3Mbps CH58
090	Touch Right WLAN 802.11ac 29.3Mbps CH106
091	Touch Right WLAN 802.11ac 29.3Mbps CH155
092	Front Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48
093	Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48
094	Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48
095	Top Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48
096	Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH64
097	Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH104
098	Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH165
099	Back Of EUT Facing Phantom Wi-Fi 802.11a 13.5Mbps CH38
100	Back Of EUT Facing Phantom Wi-Fi 802.11a 13.5Mbps CH54
101	Back Of EUT Facing Phantom Wi-Fi 802.11a 13.5Mbps CH110
102	Back Of EUT Facing Phantom Wi-Fi 802.11a 13.5Mbps CH151

Scan Reference Number	Title
103	Back Of EUT Facing Phantom Wi-Fi 802.11a 29.3Mbps CH42
104	Back Of EUT Facing Phantom Wi-Fi 802.11a 29.3Mbps CH58
105	Back Of EUT Facing Phantom Wi-Fi 802.11a 29.3Mbps CH106
106	Back Of EUT Facing Phantom Wi-Fi 802.11a 29.3Mbps CH155
107	System Performance Check 900MHz Head 23 06 14
108	System Performance Check 900MHz Head 23 06 14
109	System Performance Check 900MHz Body 23 06 14
110	System Performance Check 900MHz Body 23 06 14
111	System Performance Check 1900MHz Head 23 06 14
112	System Performance Check 1900MHz Head 25 06 14
113	System Performance Check 1900MHz Body 23 06 14
114	System Performance Check 1900MHz Body 26 06 14
115	System Performance Check 2450MHz Head 23 06 14
116	System Performance Check 2450MHz Body 23 06 14
117	System Performance Check 5200 MHz Head 24 06 14
118	System Performance Check 5500 MHz Head 24 06 14
119	System Performance Check 5800 MHz Head 24 06 14
120	System Performance Check 5200 MHz Body 23 06 14
121	System Performance Check 5500 MHz Body 23 06 14
122	System Performance Check 5800 MHz Body 23 06 14

001: Touch Left GSM850 DTM Class 9 CH190

Date: 24/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.172 W/kg = -7.64 dBW/kg

Communication System: UID 0, 850 MHz DTM 9 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 41.886$; $\rho = 1000$ kg/m³

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)
- 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 2 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.173 W/kg

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

Reference Value = 3.299 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.204 W/kg

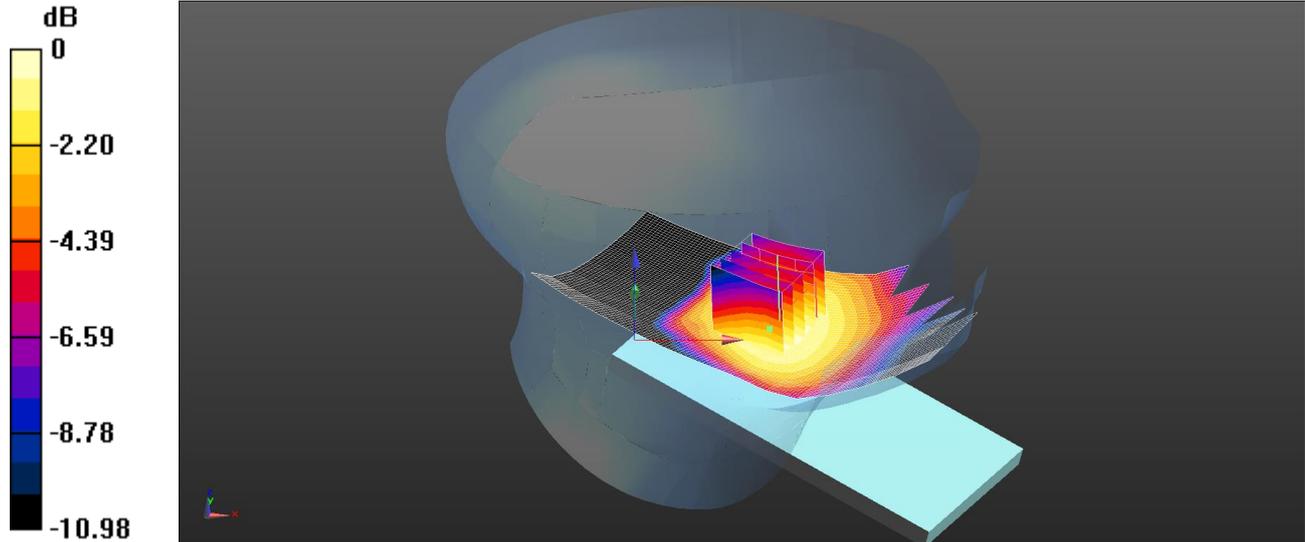
SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.172 W/kg

002: Tilt Left GSM850 DTM Class 9 CH190

Date: 24/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.0826 W/kg = -10.83 dBW/kg

Communication System: UID 0, 850 MHz DTM 9 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 41.886$; $\rho = 1000$ kg/m³

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)
- 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 2 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0791 W/kg

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

Reference Value = 5.520 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0970 W/kg

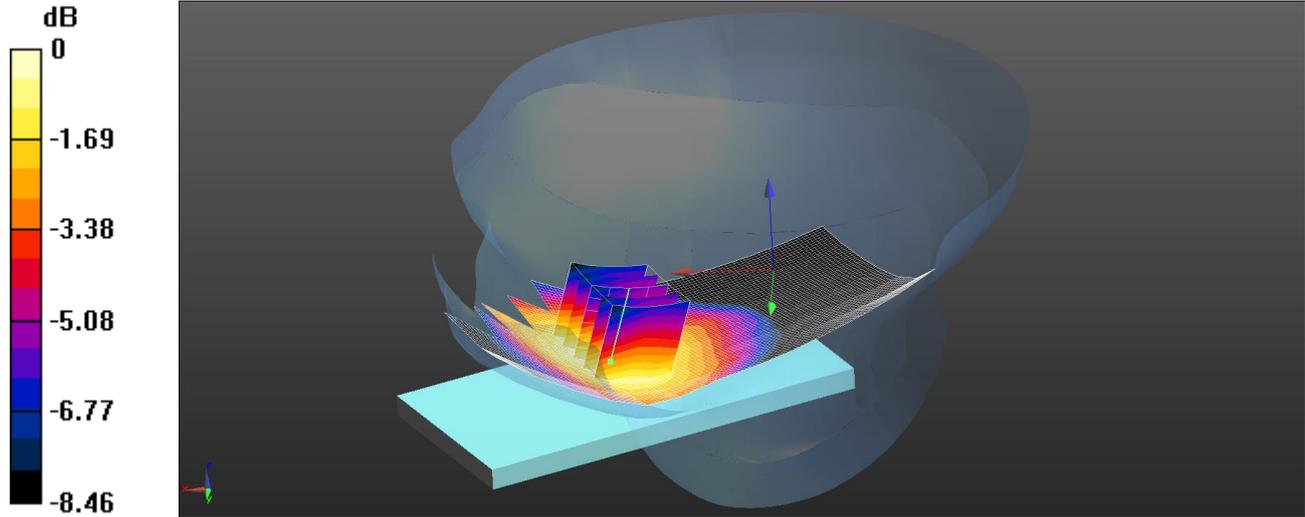
SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.0826 W/kg

003: Touch Right GSM850 DTM Class 9 CH190

Date: 24/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.162 W/kg = -7.90 dBW/kg

Communication System: UID 0, 850 MHz DTM 9 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 41.886$; $\rho = 1000$ kg/m³

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)
- 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 2 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.166 W/kg

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

Reference Value = 13.29 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.189 W/kg

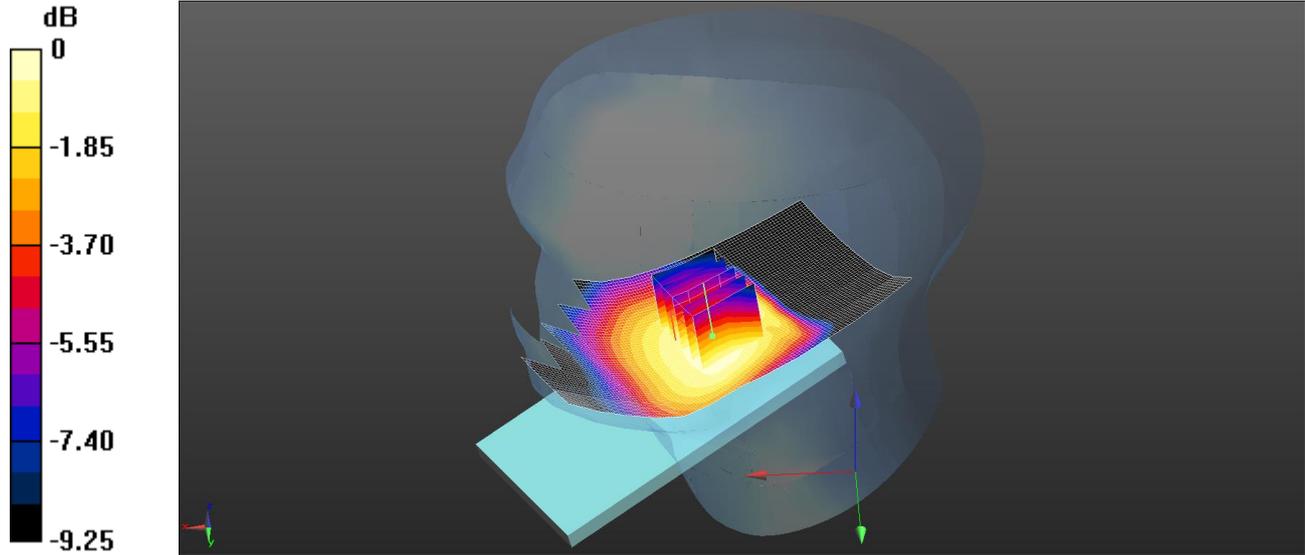
SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.162 W/kg

004: Tilt Right GSM850 DTM Class 9 CH190

Date: 24/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.0767 W/kg = -11.15 dBW/kg

Communication System: UID 0, 850 MHz DTM 9 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 41.886$; $\rho = 1000$ kg/m³

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)
- 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 2 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0775 W/kg

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

Reference Value = 8.737 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0900 W/kg

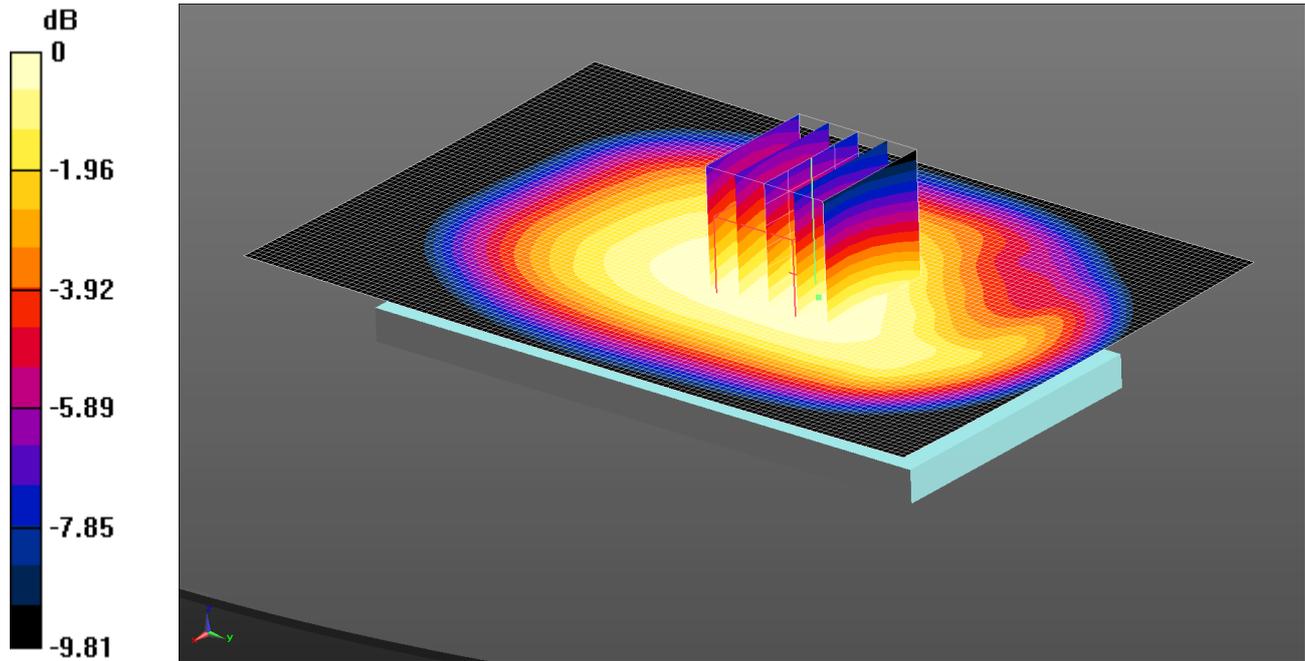
SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.0767 W/kg

005: Front of EUT Facing Phantom GPRS 850 CH190

Date: 24/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.444 W/kg = -3.53 dBW/kg

Communication System: UID 0, GPRS 2Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 53.132$; $\rho = 1000$ kg/m³

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)
- 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 (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.449 W/kg

Configuration/Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 20.24 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.542 W/kg

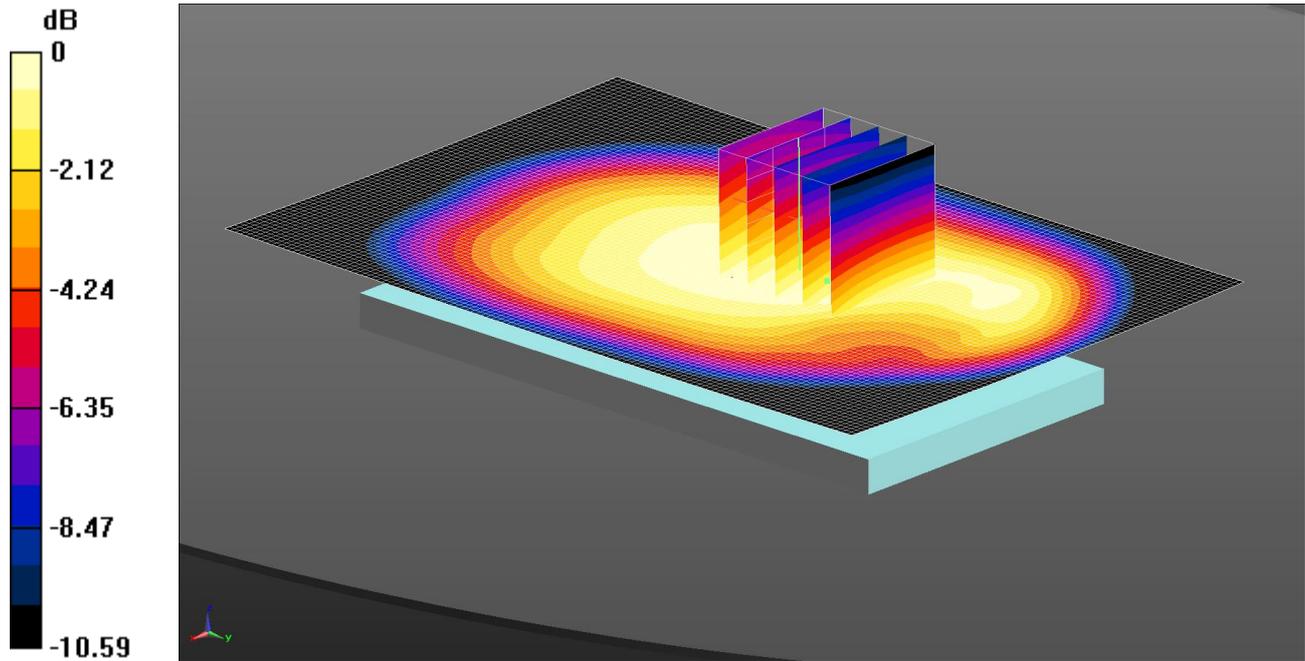
SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 0.444 W/kg

006: Back of EUT Facing Phantom GPRS 850 CH190

Date: 24/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.472 W/kg = -3.26 dBW/kg

Communication System: UID 0, GPRS 2Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 53.132$; $\rho = 1000$ kg/m³

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)
- 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 (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.478 W/kg

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

Reference Value = 20.77 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.575 W/kg

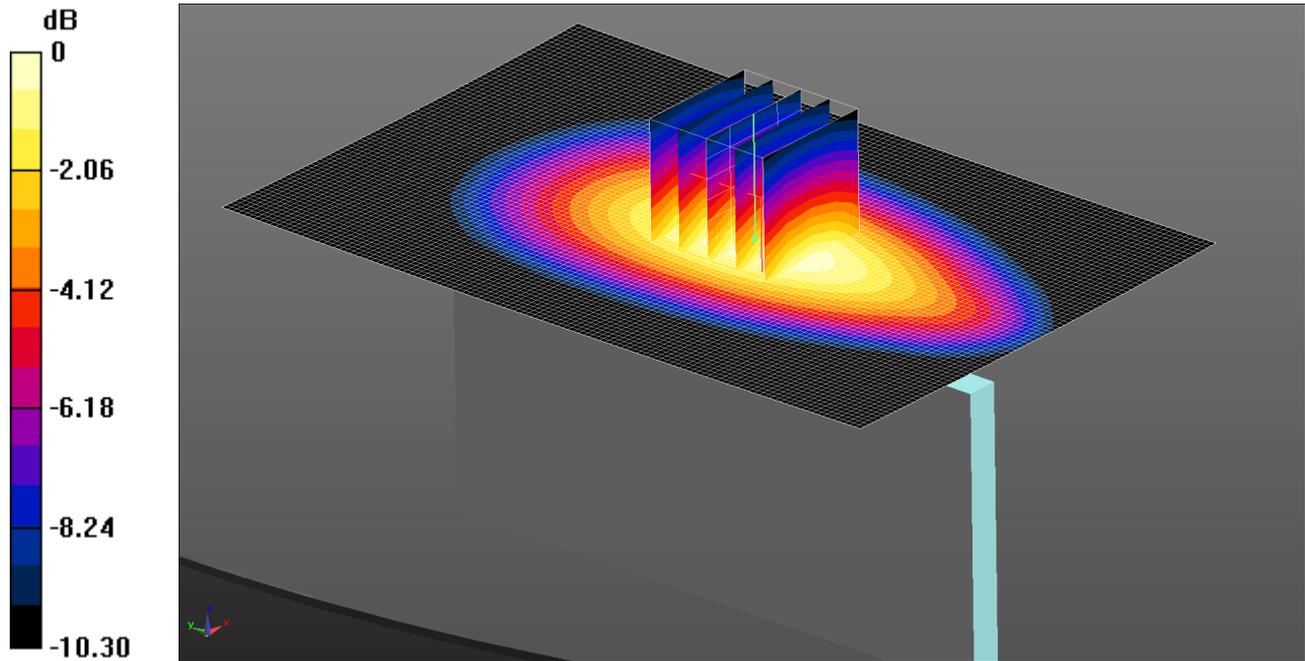
SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.339 W/kg

Maximum value of SAR (measured) = 0.472 W/kg

007: Left Hand Side of EUT Facing Phantom GPRS 850 CH190

Date: 24/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.281 W/kg = -5.51 dBW/kg

Communication System: UID 0, GPRS 2Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 53.132$; $\rho = 1000$ kg/m³

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)
- 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 (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.280 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 = 16.66 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.384 W/kg

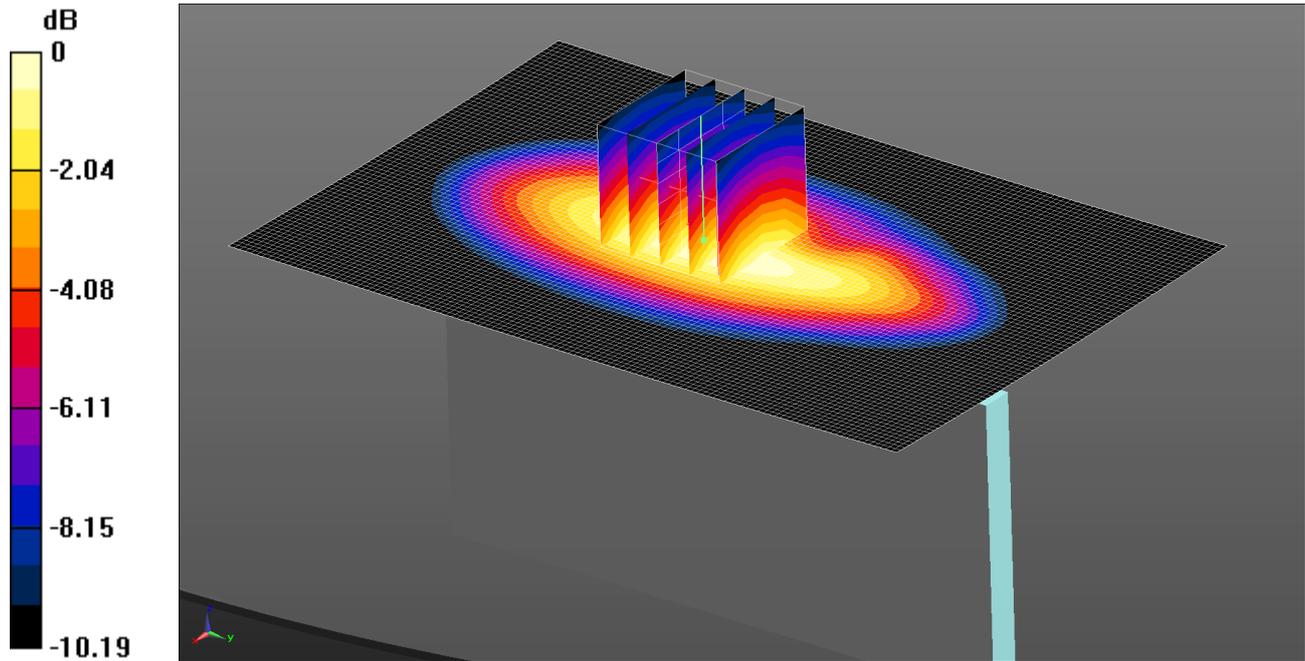
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 0.281 W/kg

008: Right Hand Side of EUT Facing Phantom GPRS 850 CH190

Date: 24/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.484 W/kg = -3.15 dBW/kg

Communication System: UID 0, GPRS 2Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 53.132$; $\rho = 1000$ kg/m³

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)
- 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 (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.496 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 = 21.71 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.652 W/kg

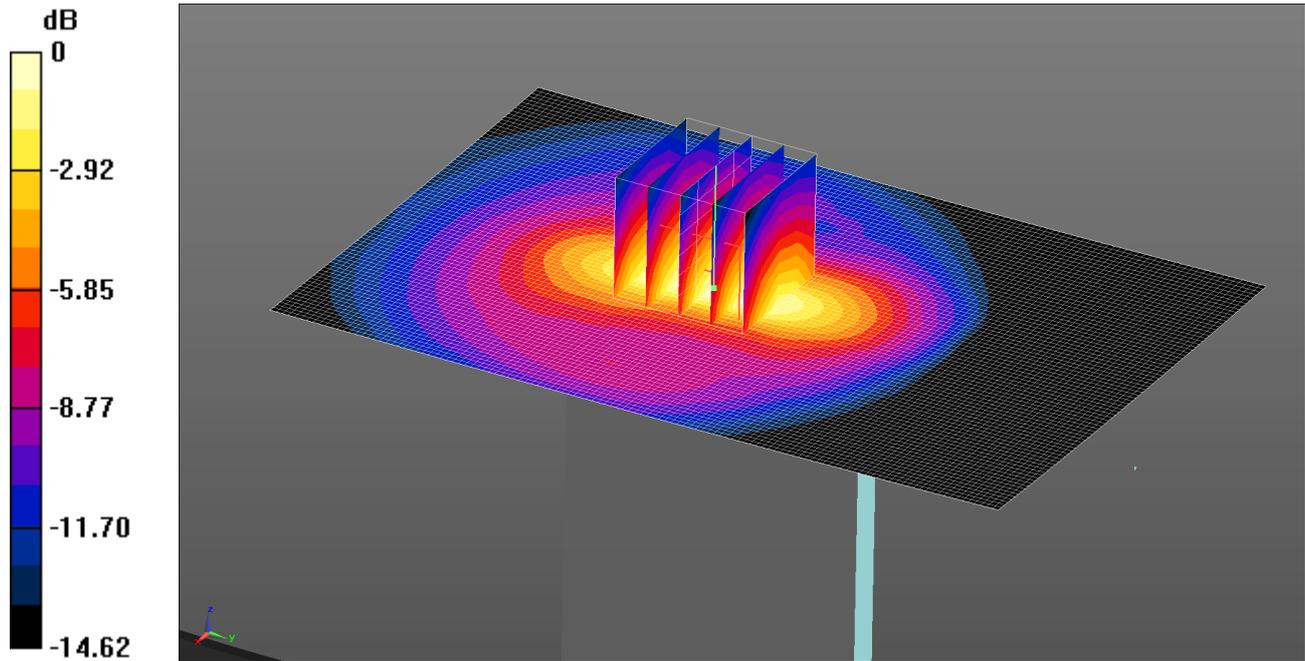
SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (measured) = 0.484 W/kg

009: Bottom of EUT Facing Phantom GPRS 850 CH190

Date: 24/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.169 W/kg = -7.72 dBW/kg

Communication System: UID 0, GPRS 2Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 53.132$; $\rho = 1000$ kg/m³

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)
- 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 (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.163 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 = 12.73 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.247 W/kg

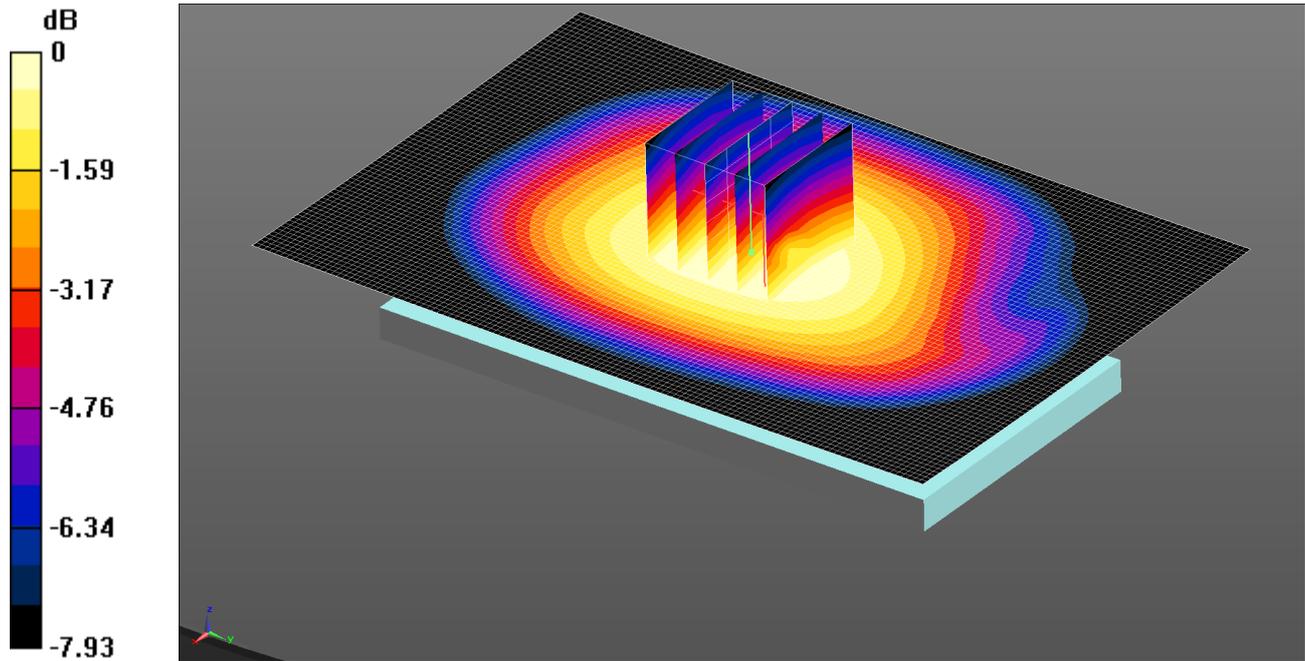
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.169 W/kg

010: Front of EUT Facing Phantom GSM850 DTM 9 CH190

Date: 24/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



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

Communication System: UID 0, 850 MHz DTM 9 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 53.132$; $\rho = 1000$ kg/m³

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)
- 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 (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.224 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 = 14.61 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.271 W/kg

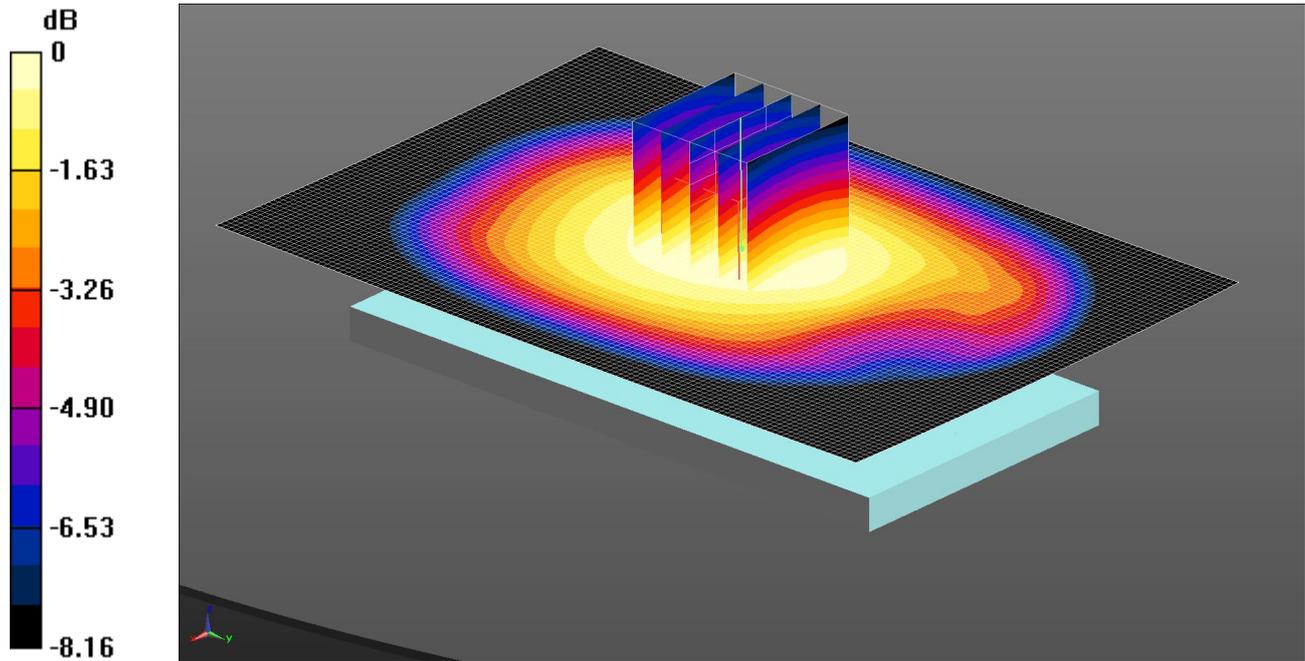
SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.224 W/kg

011: Back of EUT Facing Phantom GSM850 DTM 9 CH190

Date: 24/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.231 W/kg = -6.36 dBW/kg

Communication System: UID 0, 850 MHz DTM 9 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.03$ S/m; $\epsilon_r = 53.132$; $\rho = 1000$ kg/m³

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)
- 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 (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.232 W/kg

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

Reference Value = 14.84 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.280 W/kg

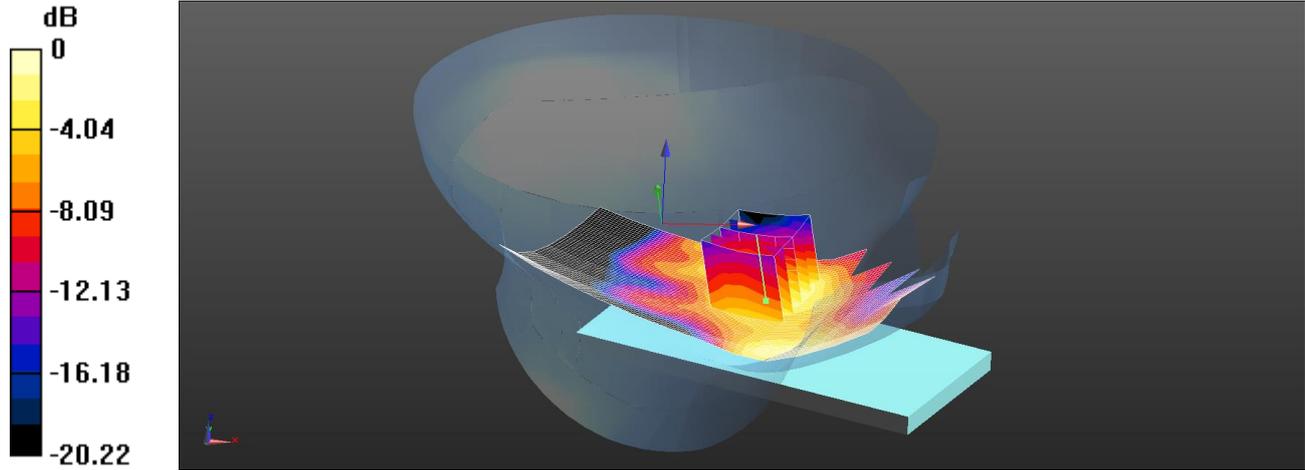
SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.231 W/kg

012: Touch Left PCS1900 DTM Class 11 CH661

Date: 26/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.287 W/kg = -5.42 dBW/kg

Communication System: UID 0, DTM 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.66993

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 39.724$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.96, 7.96, 7.96); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Left - Middle/Area Scan 2 (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 0.7560 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.489 W/kg

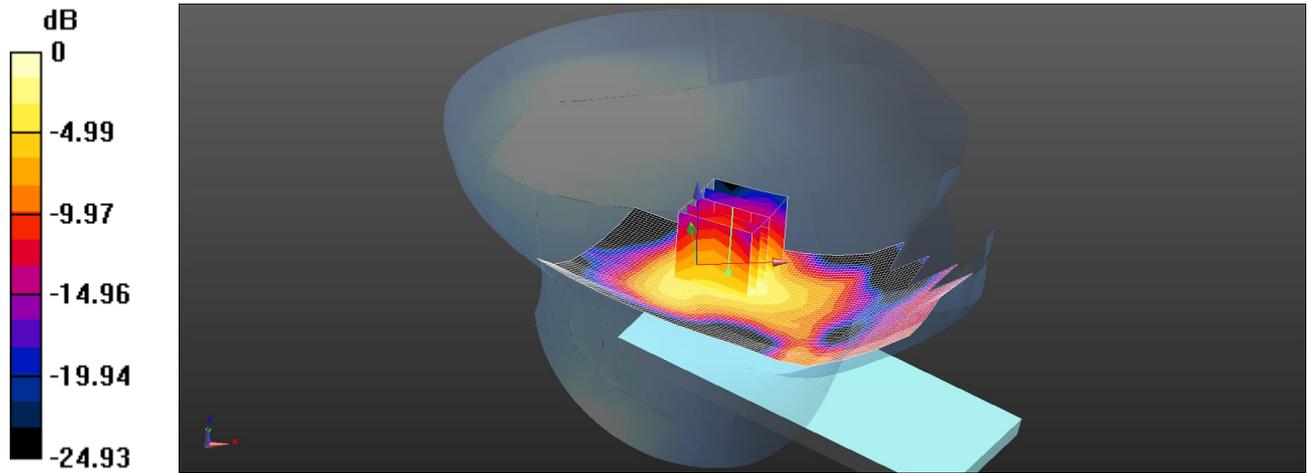
SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.152 W/kg

Maximum value of SAR (measured) = 0.287 W/kg

013: Tilt Left PCS1900 DTM Class 11 CH661

Date: 26/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.128 W/kg = -8.93 dBW/kg

Communication System: UID 0, DTM 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.66993

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 39.724$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.96, 7.96, 7.96); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Tilt Left - Middle/Area Scan 2 (61x111x1): 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 = 7.530 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.188 W/kg

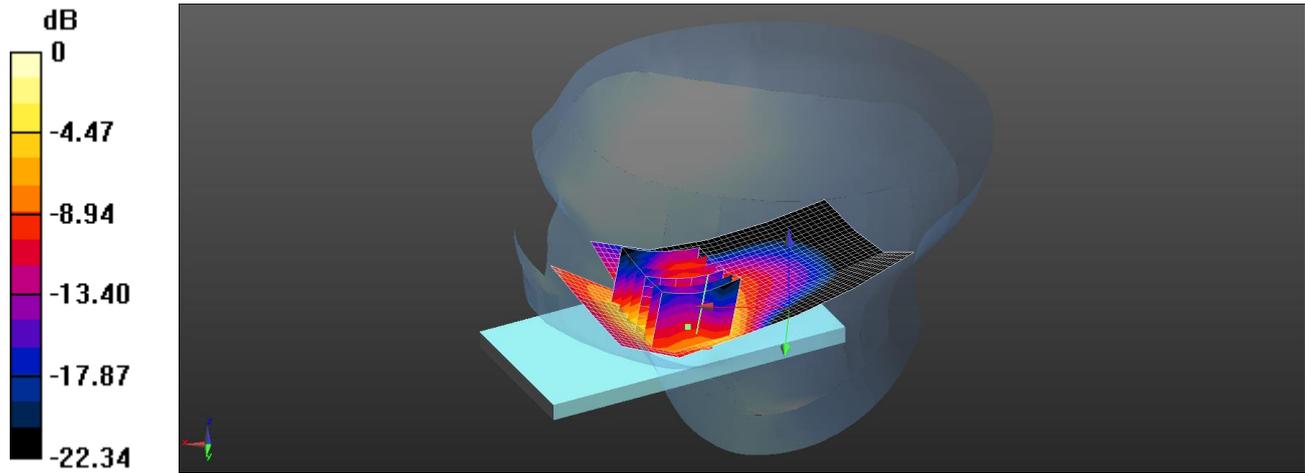
SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.128 W/kg

014: Touch Right PCS1900 DTM Class 11 CH661

Date: 26/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.479 W/kg = -3.20 dBW/kg

Communication System: UID 0, DTM 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.66993

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 39.724$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.96, 7.96, 7.96); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right- Middle/Area Scan 2 2 (31x51x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Maximum value of SAR (interpolated) = 0.327 W/kg

Configuration/Touch Right- Middle/Zoom Scan (5x5x7) 2 (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.11 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.801 W/kg

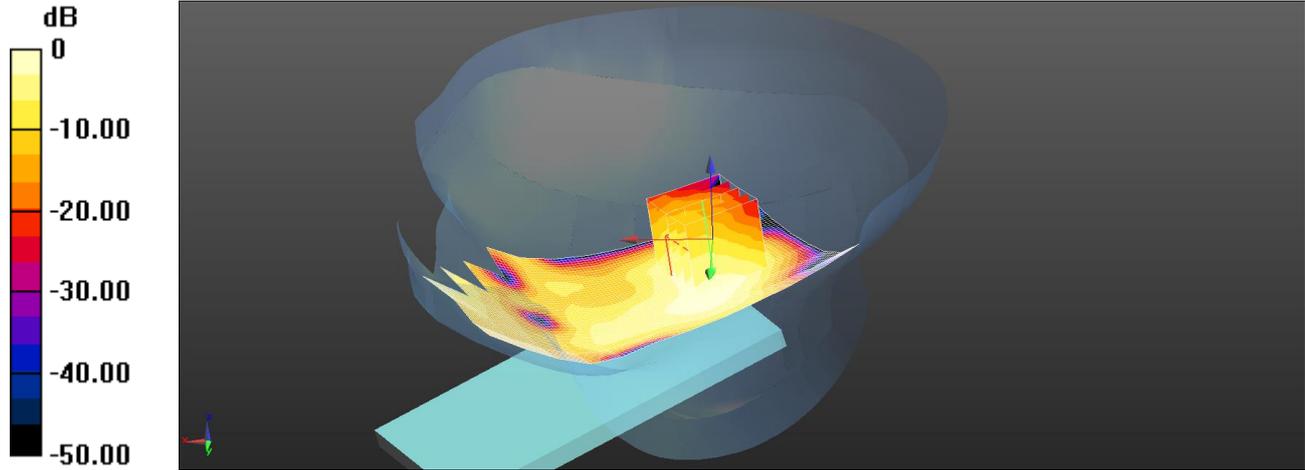
SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.247 W/kg

Maximum value of SAR (measured) = 0.479 W/kg

015: Tilt Right PCS1900 DTM Class 11 CH661

Date: 26/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.111 W/kg = -9.55 dBW/kg

Communication System: UID 0, DTM 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.66993

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 39.724$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.96, 7.96, 7.96); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Tilt Right- Middle 2/Area Scan 2 (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.131 W/kg

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

Reference Value = 6.880 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.171 W/kg

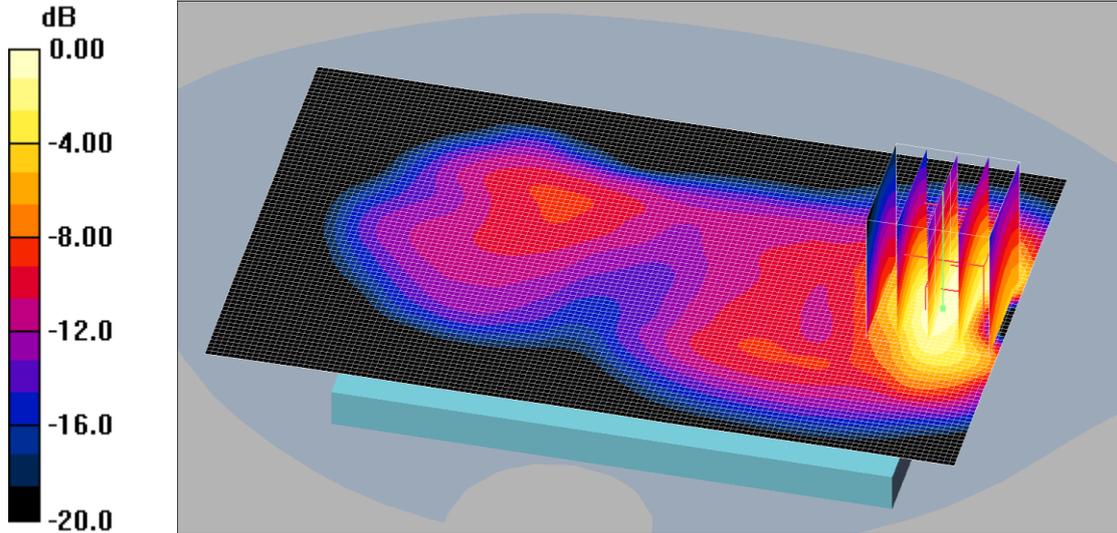
SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.111 W/kg

016: Front of EUT Facing Phantom GPRS1900 CH661

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.380mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

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 2 2/Area Scan 2 (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.446 mW/g

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

Reference Value = 3.34 V/m; Power Drift = 0.191 dB

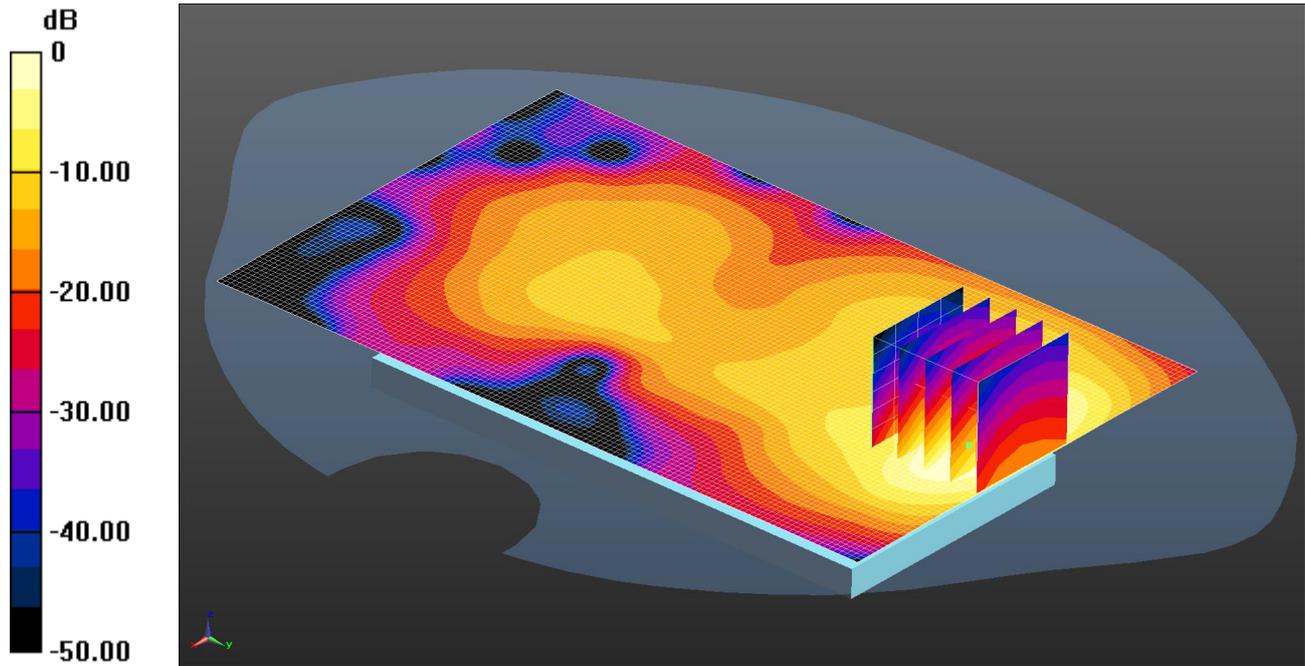
Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.188 mW/g

Maximum value of SAR (measured) = 0.380 mW/g

017: Back of EUT Facing Phantom GPRS1900 CH661
 Date: 25/6/14

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.548 W/kg = -2.61 dBW/kg

Communication System: UID 0, GPRS 1900 4Tx; Frequency: 1880 MHz; Duty Cycle: 1:2
 Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 52.812$; $\rho = 1000$ kg/m³
 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/Back of EUT Facing Phantom - Middle 2 2/Area Scan 2 (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.548 W/kg

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

Reference Value = 3.241 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.893 W/kg

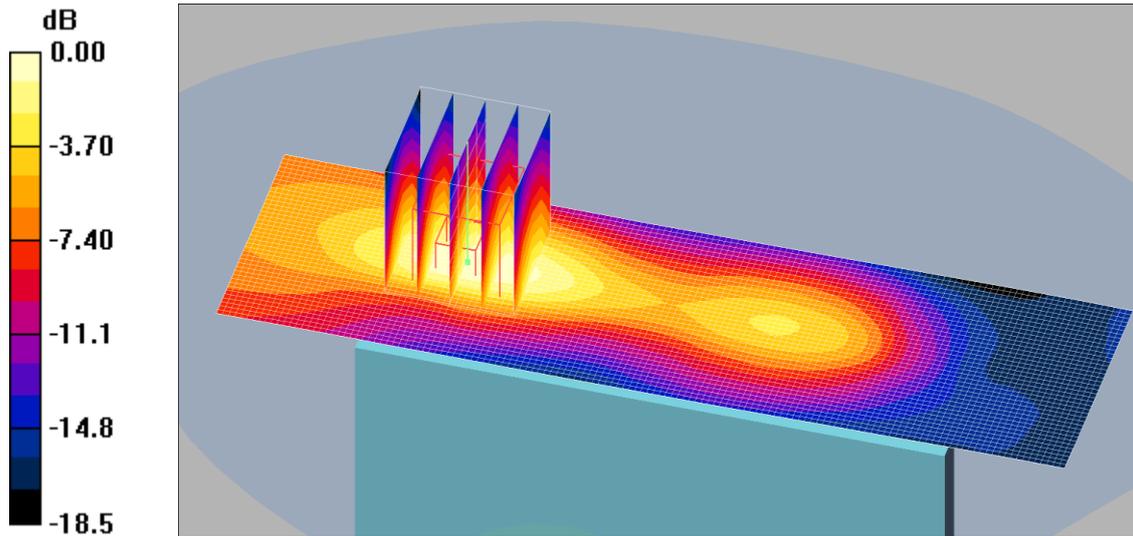
SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.562 W/kg

018: Left hand side of EUT Facing Phantom GPRS1900 CH661

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.090mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

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 2 2/Area Scan 2 (41x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.090 mW/g

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

Reference Value = 4.37 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.134 W/kg

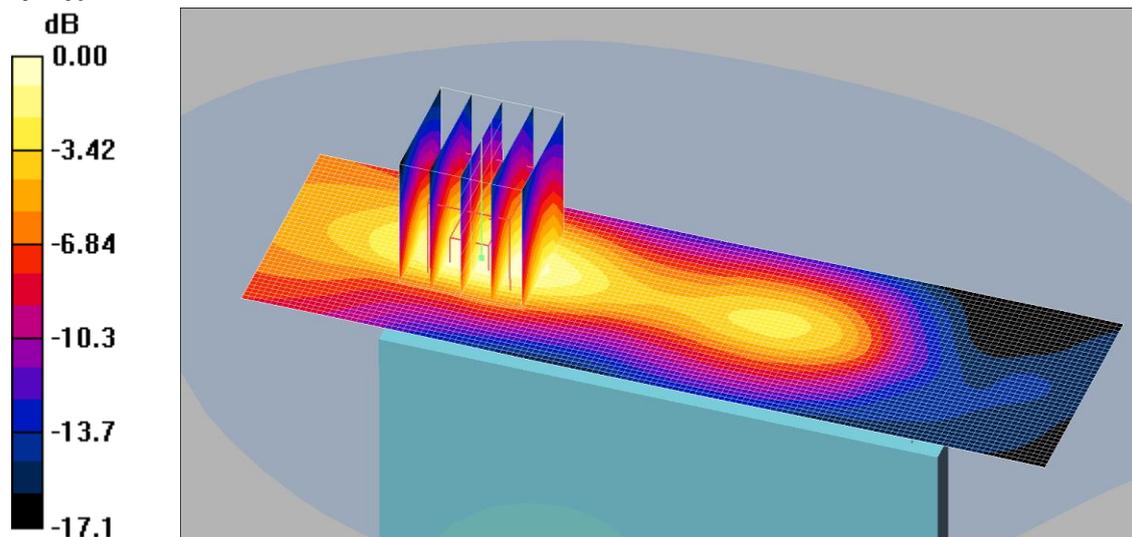
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.090 mW/g

019: Right hand side of EUT Facing Phantom GPRS1900 CH661

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.075mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

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 2 2/Area Scan 2 (41x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.077 mW/g

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

Reference Value = 4.20 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.038 mW/g

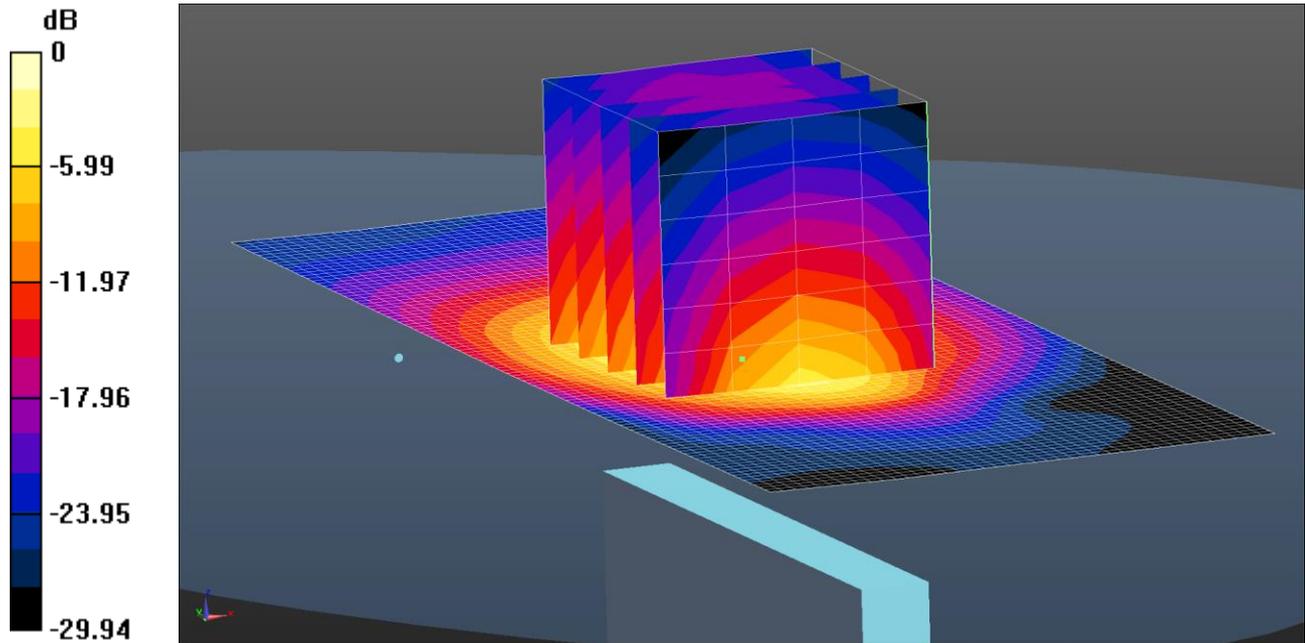
Maximum value of SAR (measured) = 0.075 mW/g

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

020: Bottom of EUT Facing Phantom GPRS1900 CH661

Date: 25/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.981 W/kg = -0.08 dBW/kg

Communication System: UID 0, GPRS 1900 4Tx; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 52.812$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67); Calibrated: 2/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/8/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Bottom of EUT Facing Phantom - Middle 2 2/Area Scan 2 (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.981 W/kg

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

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

Reference Value = 23.67 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.36 W/kg

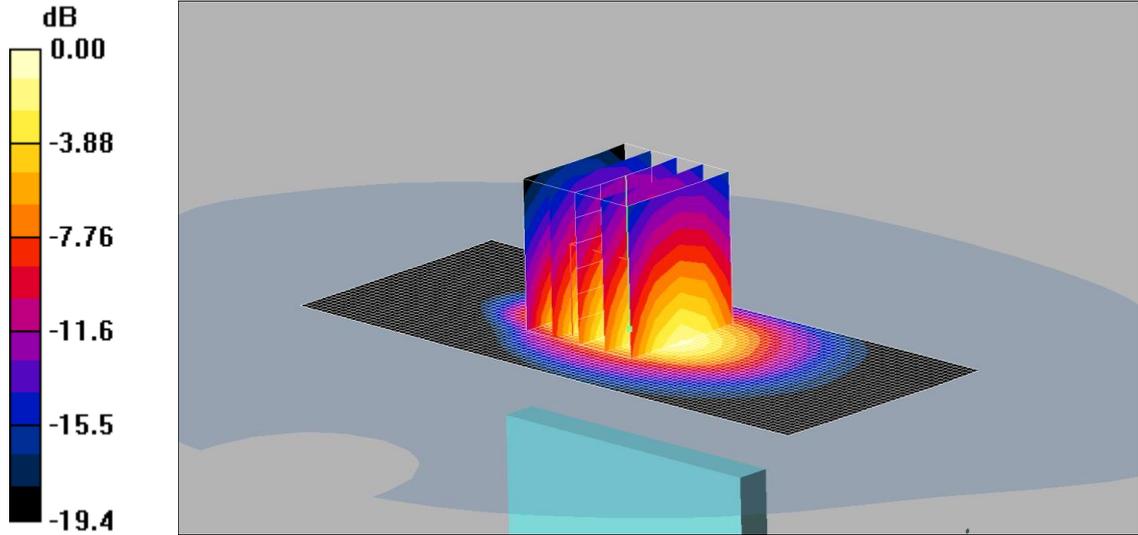
SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.411 W/kg

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

021: Bottom of EUT Facing Phantom GPRS1900 CH512

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.693mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$

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

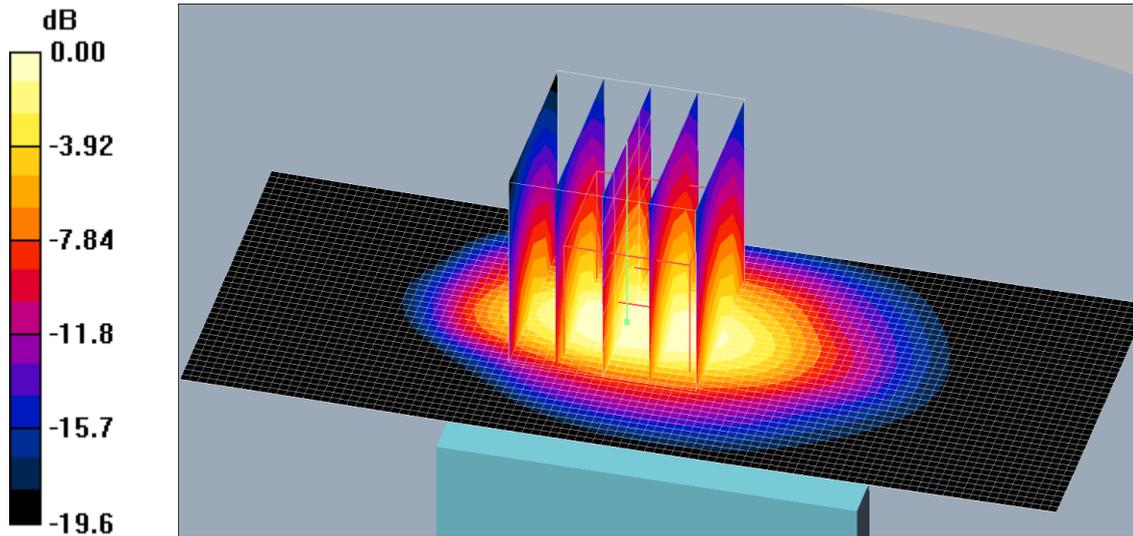
Bottom of EUT Facing Phantom/Area Scan 2 (41x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.787 mW/g

Bottom of EUT Facing Phantom/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 20.8 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 0.983 W/kg
SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.325 mW/g
 Maximum value of SAR (measured) = 0.693 mW/g

022: Bottom of EUT Facing Phantom GPRS1900 CH810

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 1.16mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52.7$; $\rho = 1000 \text{ kg/m}^3$

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 2 2/Area Scan 2 (41x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 1.30 mW/g

Bottom of EUT Facing Phantom 2 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.4 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.82 W/kg

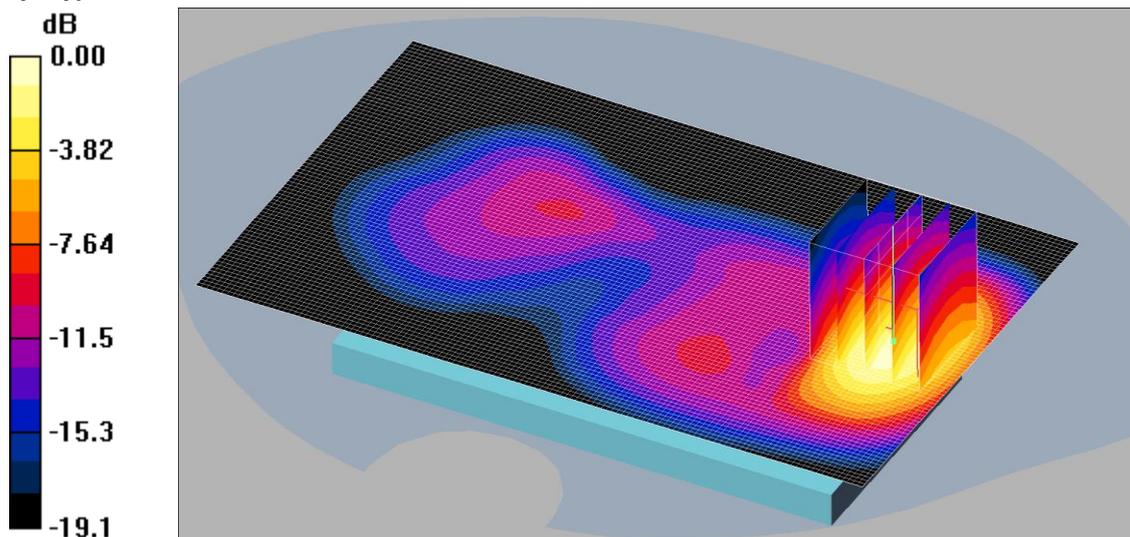
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.545 mW/g

Maximum value of SAR (measured) = 1.16 mW/g

023: Front of EUT Facing Phantom GPRS1900 CH661

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.927mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$

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

Maximum value of SAR (interpolated) = 0.901 mW/g

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

Reference Value = 4.96 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 1.40 W/kg

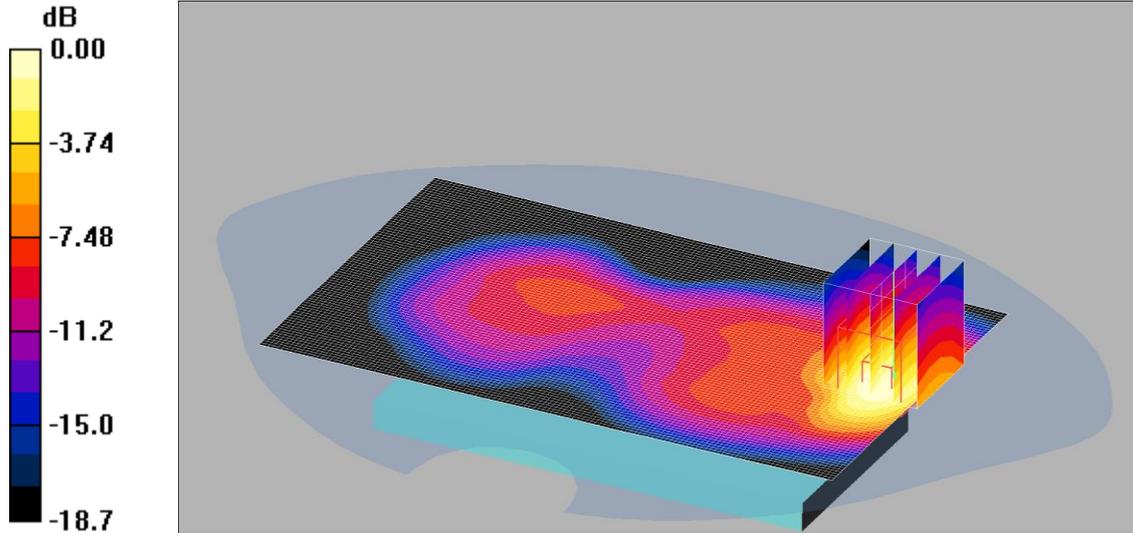
SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.460 mW/g

Maximum value of SAR (measured) = 0.927 mW/g

024: Front of EUT Facing Phantom GPRS1900 CH512

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.634mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$

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 2 2/Area Scan 2 (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.680 mW/g

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

Reference Value = 6.32 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.977 W/kg

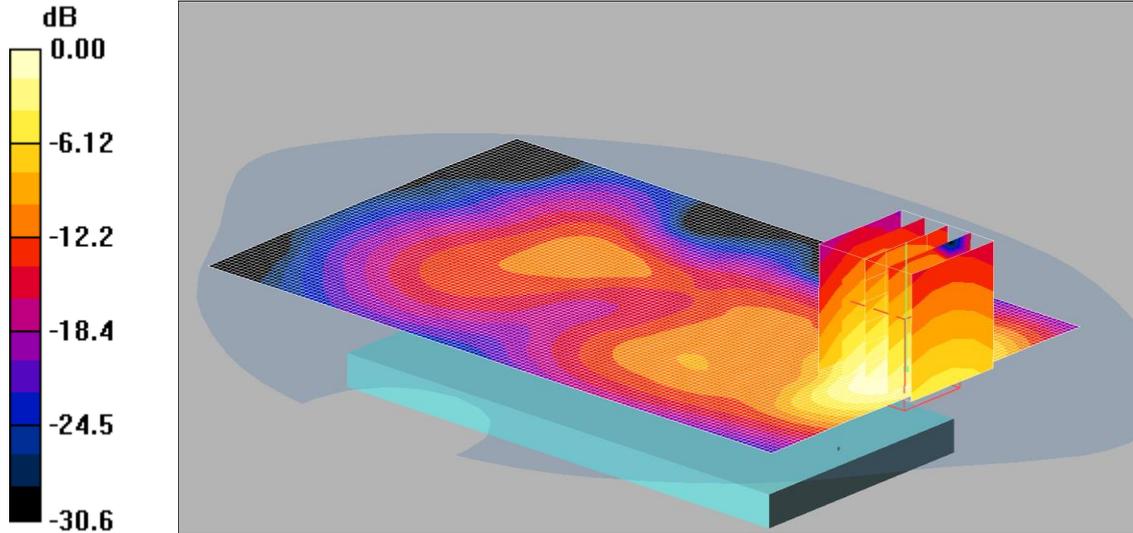
SAR(1 g) = 0.593 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.634 mW/g

025: Front of EUT Facing Phantom DTM 11 PCS CH810

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.935mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52.7$; $\rho = 1000 \text{ kg/m}^3$

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 2 2/Area Scan 2 (81x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 1.01 mW/g

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

Reference Value = 4.01 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 1.46 W/kg

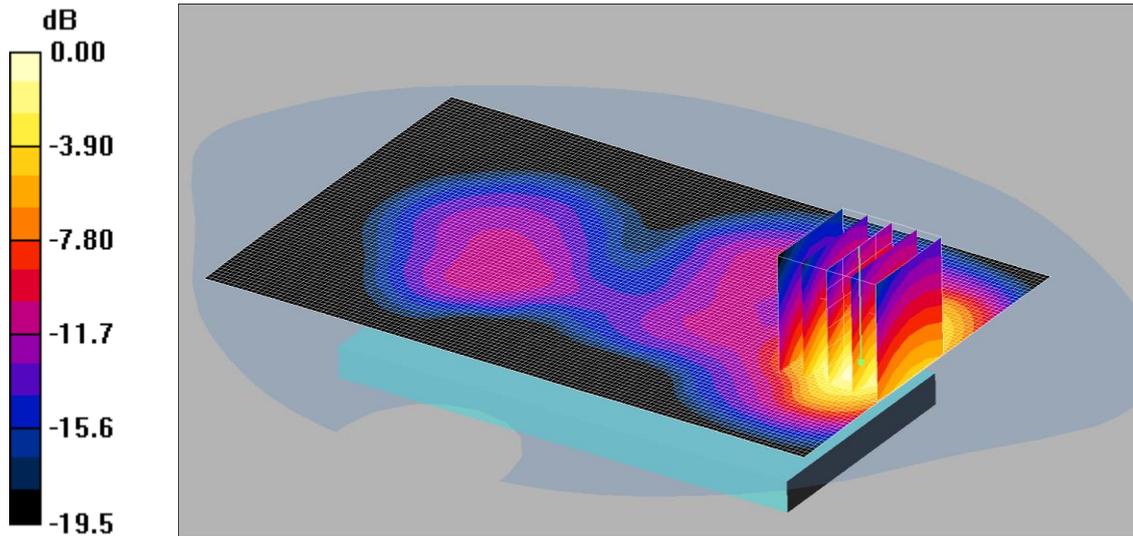
SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.478 mW/g

Maximum value of SAR (measured) = 0.935 mW/g

026: Back of EUT Facing Phantom DTM 11 PCS CH661

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.718mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

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 2 2/Area Scan 2 2 (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.720 mW/g

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

Reference Value = 3.74 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 1.10 W/kg

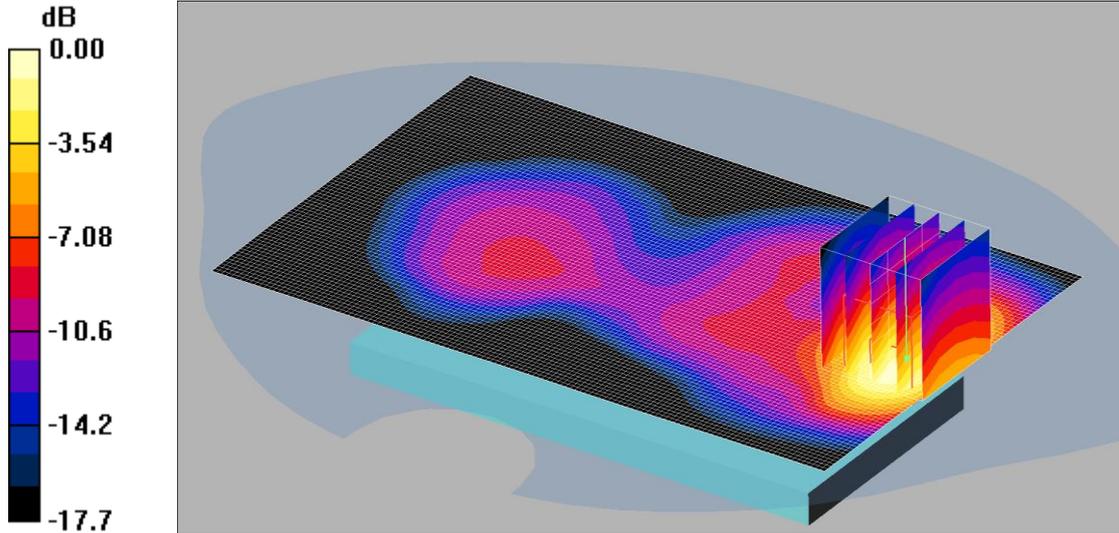
SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.366 mW/g

Maximum value of SAR (measured) = 0.718 mW/g

027: Back of EUT Facing Phantom DTM 11 PCS CH512

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.625mW/g

Communication System: GPRS 1900 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; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

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 2 2/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.629 mW/g

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

Reference Value = 5.17 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.965 W/kg

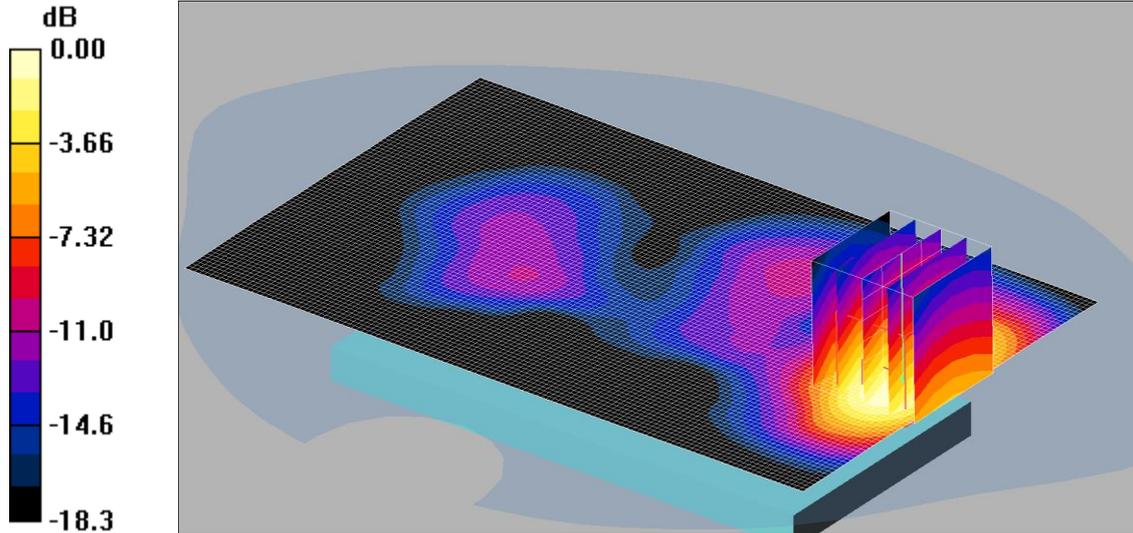
SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.625 mW/g

028: Back of EUT Facing Phantom DTM 11 PCS CH810

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.822mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52.7$; $\rho = 1000 \text{ kg/m}^3$

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 2 2/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.829 mW/g

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

Reference Value = 3.37 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 1.26 W/kg

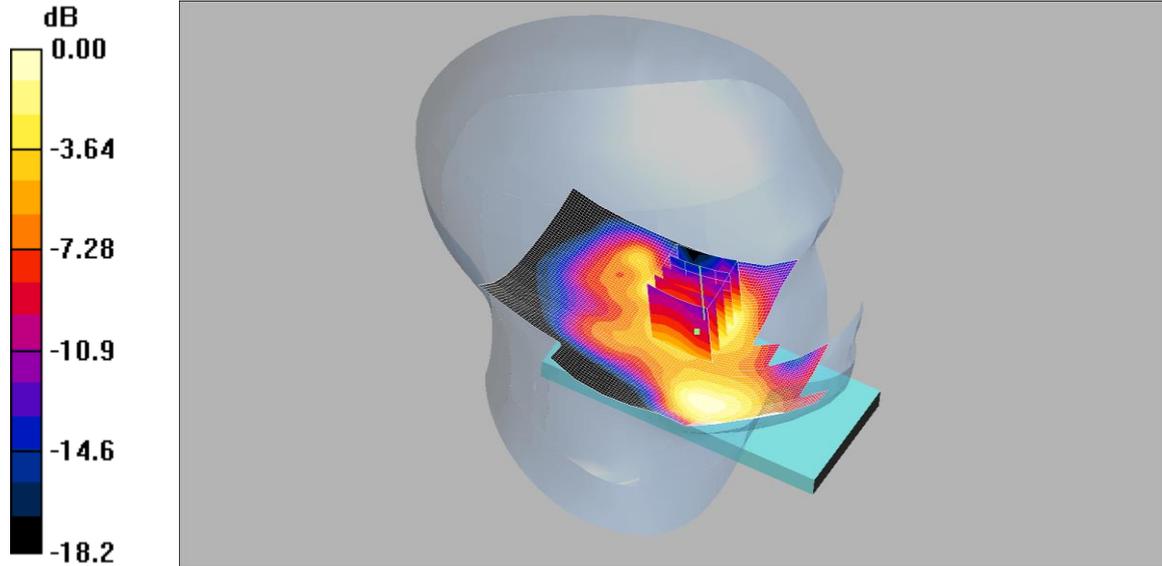
SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.424 mW/g

Maximum value of SAR (measured) = 0.822 mW/g

029: Touch Left UMTS Band 2 CH9400

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.364mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.32 \text{ mho/m}$; $\epsilon_r = 39.3$; $\rho = 1000 \text{ kg/m}^3$

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 (81x141x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 5.02 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.627 W/kg

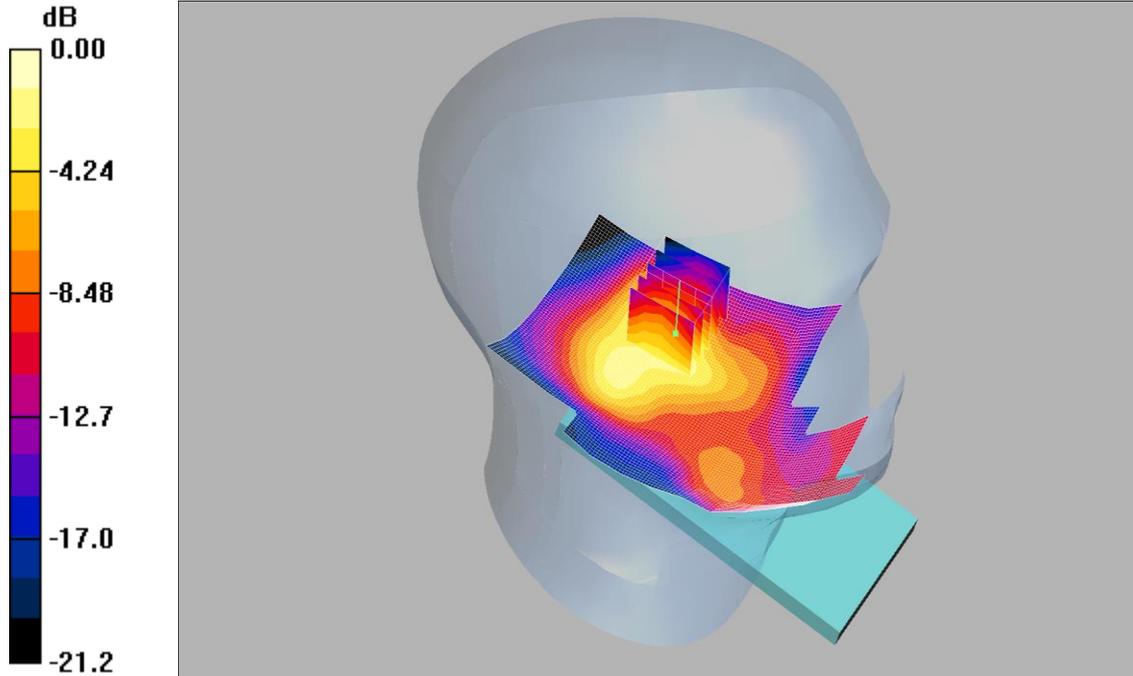
SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.195 mW/g

Maximum value of SAR (measured) = 0.364 mW/g

030: Tilt Left UMTS Band 2 CH9400

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.193mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.32 \text{ mho/m}$; $\epsilon_r = 39.3$; $\rho = 1000 \text{ kg/m}^3$

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 (81x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.197 mW/g

Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

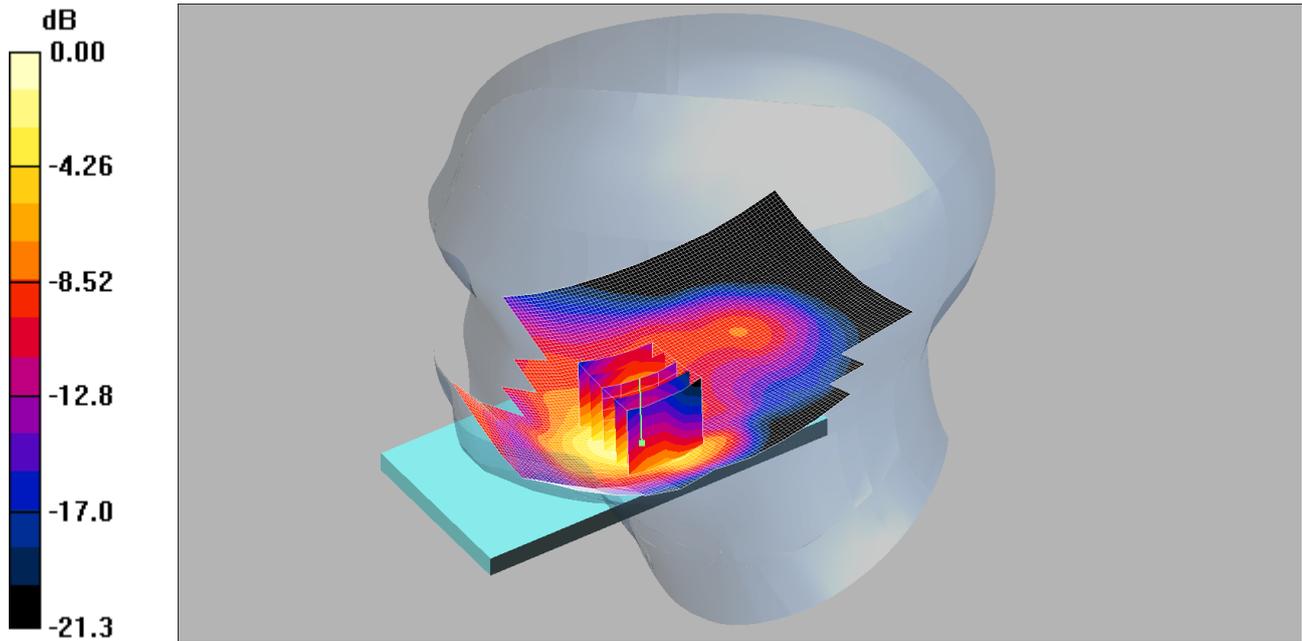
Reference Value = 9.17 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.193 mW/g

031: Touch Right UMTS Band 2 CH9400
 Date: 24/06/2014
 DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.573mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.32$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³
 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 (81x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.573 mW/g

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

Reference Value = 6.86 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.865 W/kg

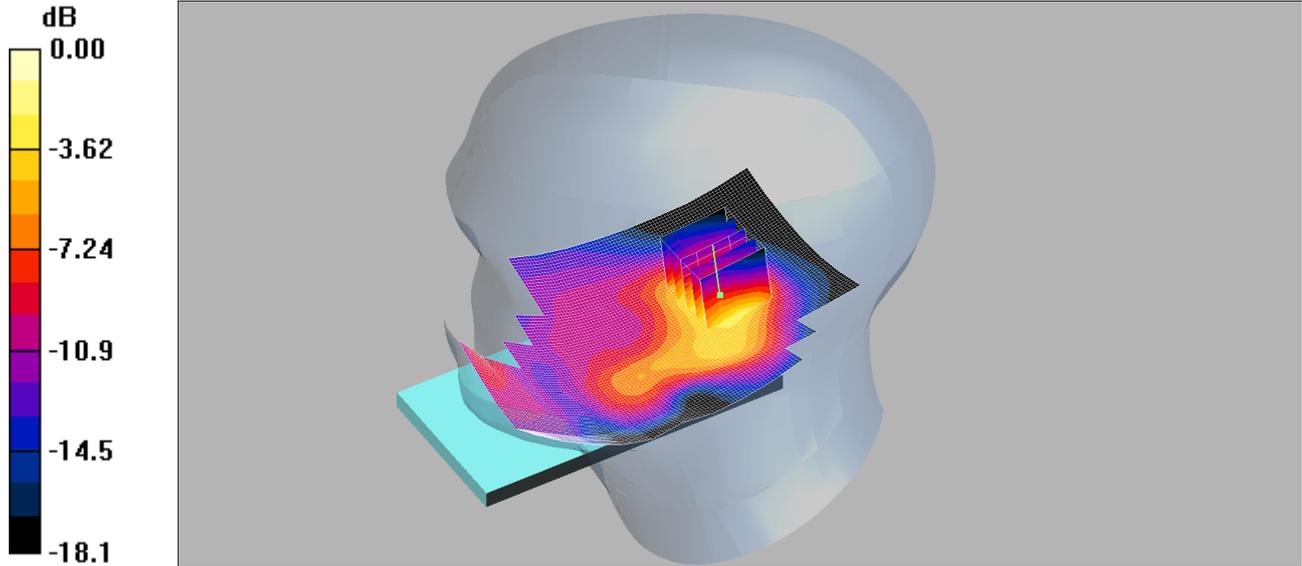
SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.573 mW/g

032: Tilt Right UMTS Band 2 CH9400

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.184mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.32 \text{ mho/m}$; $\epsilon_r = 39.3$; $\rho = 1000 \text{ kg/m}^3$

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 (81x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.202 mW/g

Tilt Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.5 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.289 W/kg

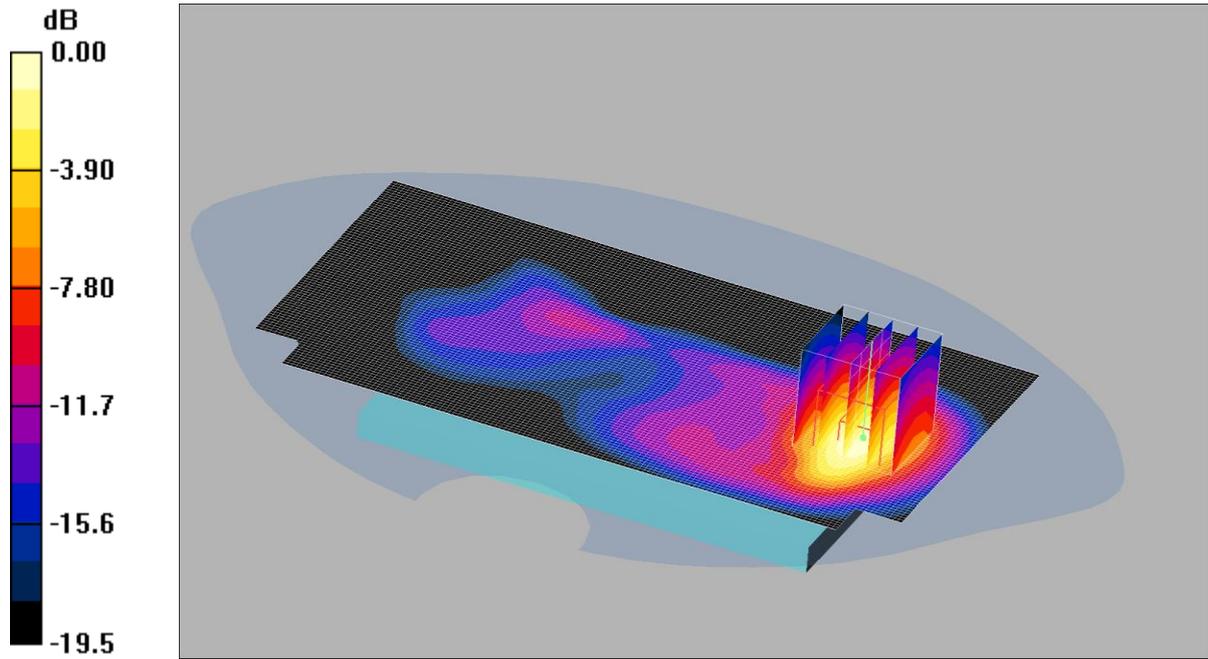
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.090 mW/g

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

033: Front of EUT Facing Phantom UMTS Band 2 CH9400

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.772mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$

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 - Middle/Area Scan (81x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.793 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 = 3.60 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.21 W/kg

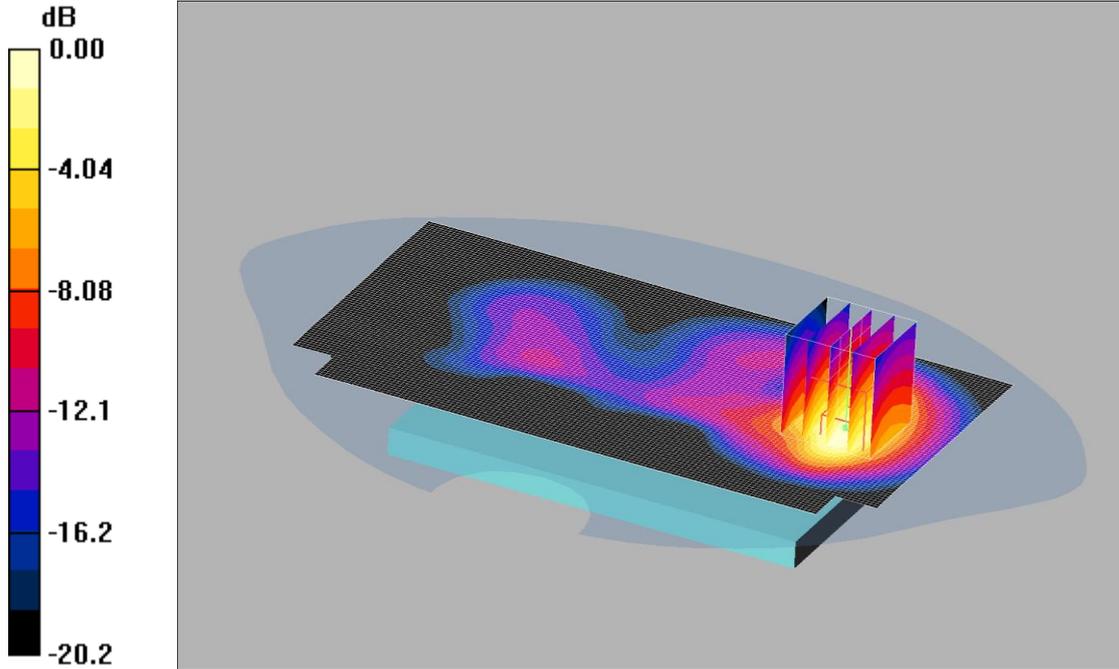
SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 0.772 mW/g

034: Back of EUT Facing Phantom UMTS Band 2 CH9400

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.677mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

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 (81x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.673 mW/g

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

Reference Value = 3.51 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 1.08 W/kg

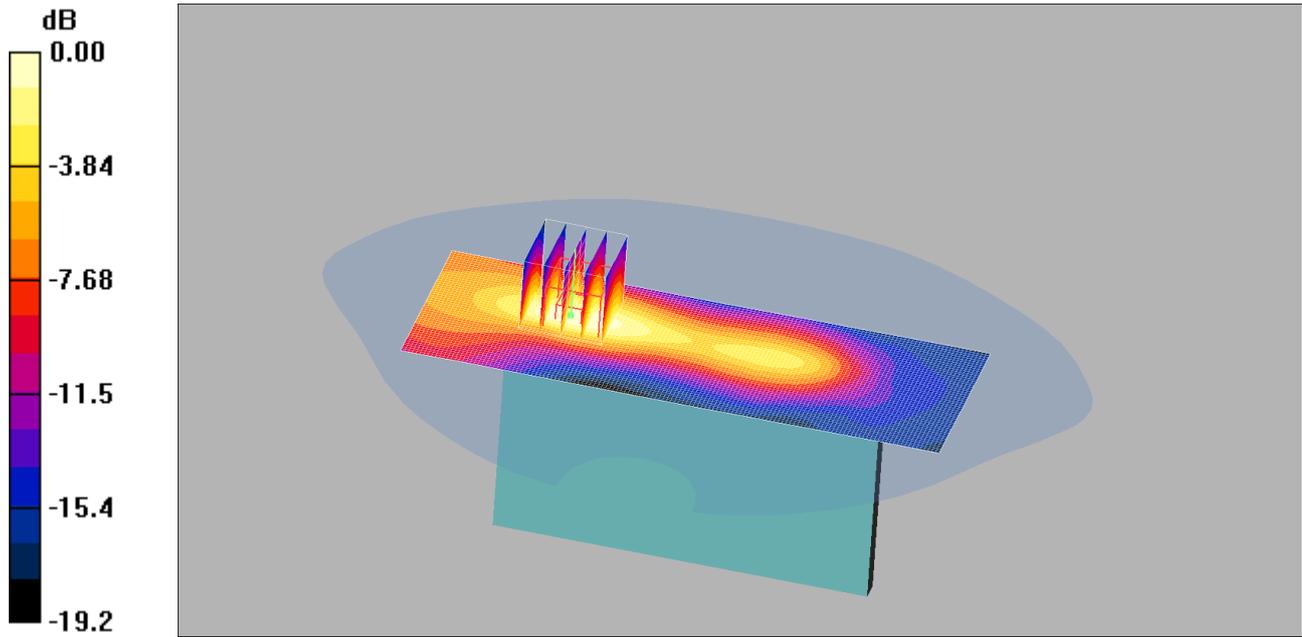
SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.325 mW/g

Maximum value of SAR (measured) = 0.677 mW/g

035: Left Hand Side of EUT Facing Phantom UMTS Band 2 CH9400

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.110mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

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) = 0.107 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 = 5.26 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.054 mW/g

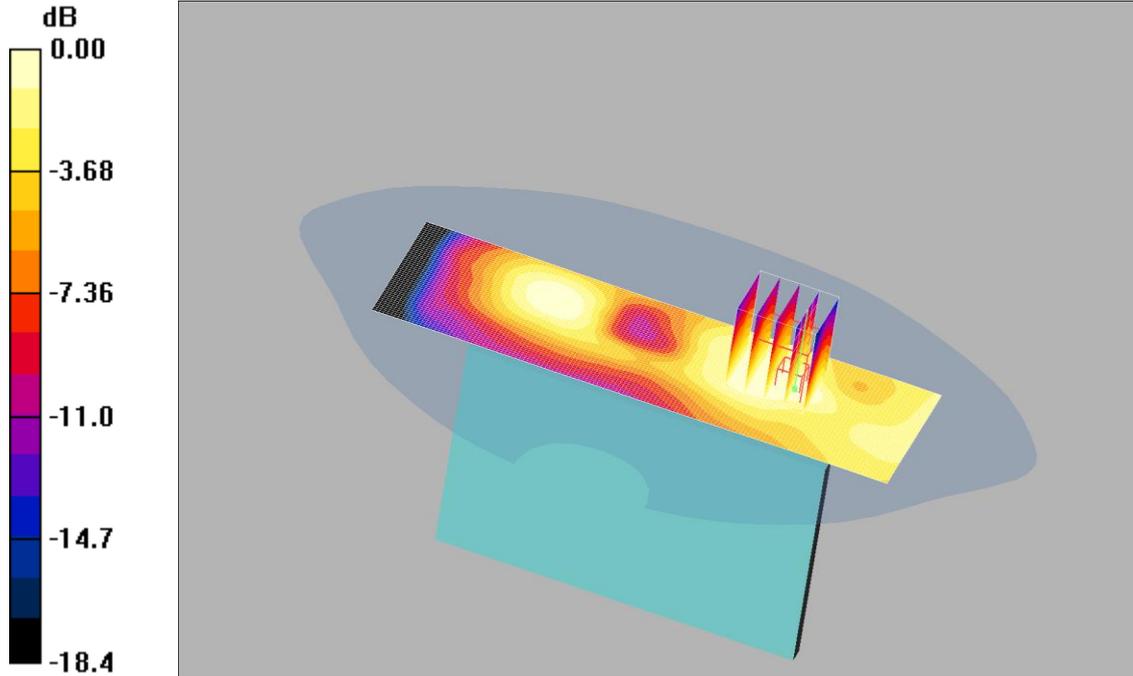
Maximum value of SAR (measured) = 0.110 mW/g

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

036: Right Hand Side of EUT Facing Phantom UMTS Band 2 CH9400

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.028mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

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 (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.028 mW/g

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

Reference Value = 2.14 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.039 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.017 mW/g

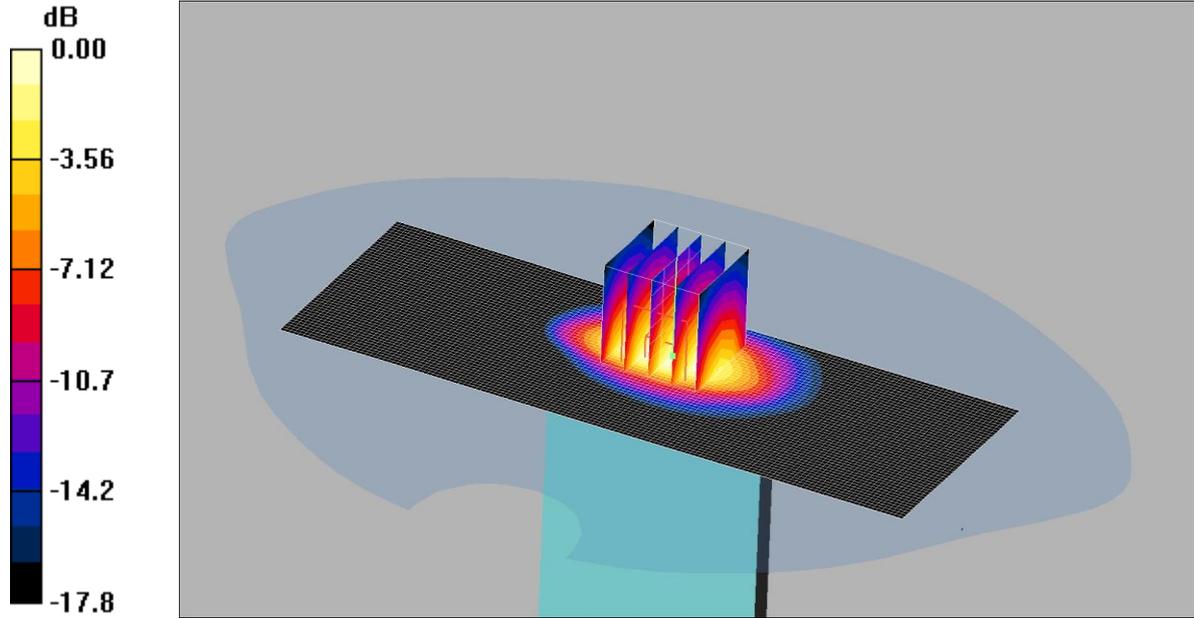
Maximum value of SAR (measured) = 0.028 mW/g

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

037: Bottom Hand Side of EUT Facing Phantom UMTS Band 2 CH9400

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 1.11mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$

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 - Middle/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.15 mW/g

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

Reference Value = 20.9 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 1.72 W/kg

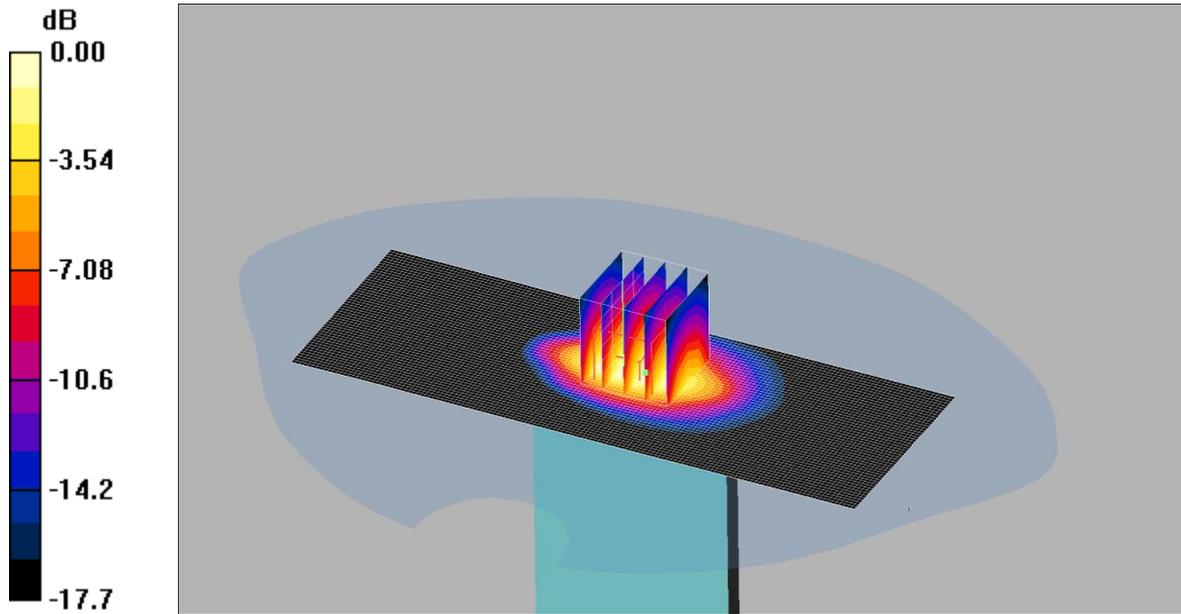
SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.523 mW/g

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

038: Bottom Hand Side of EUT Facing Phantom UMTS Band 2 CH9262

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.848mW/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; $\sigma = 1.47$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

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 (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.877 mW/g

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

Reference Value = 22.6 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 1.35 W/kg

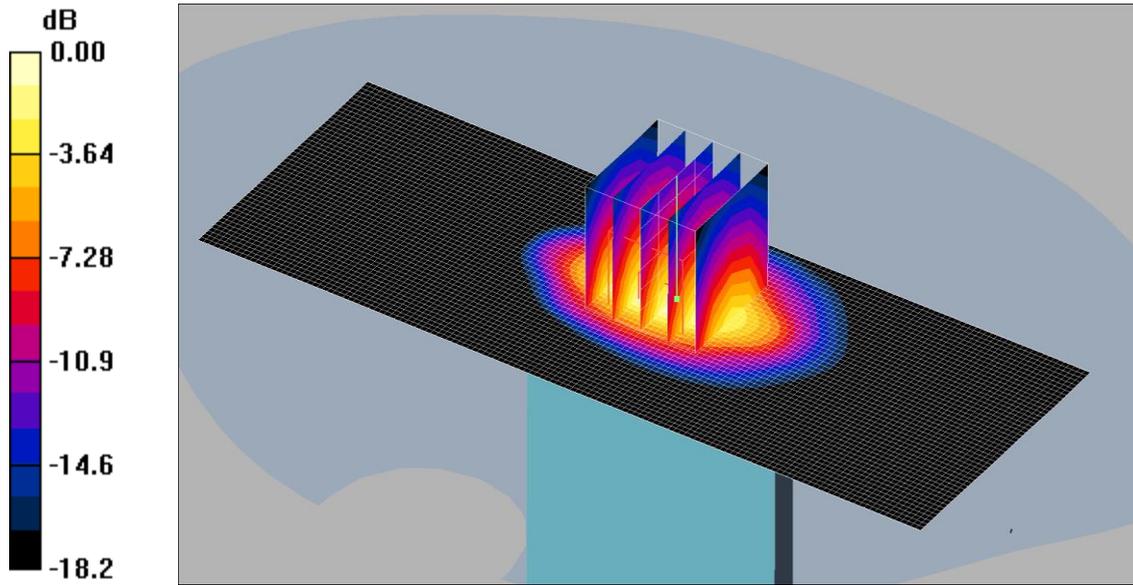
SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.409 mW/g

Maximum value of SAR (measured) = 0.848 mW/g

039: Bottom Hand Side of EUT Facing Phantom UMTS Band 2 CH9538

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 1.28mW/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; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

Do not use Bottom of EUT Facing Phantom - Middle/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.32 mW/g

Do not use Bottom of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.6 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 2.03 W/kg

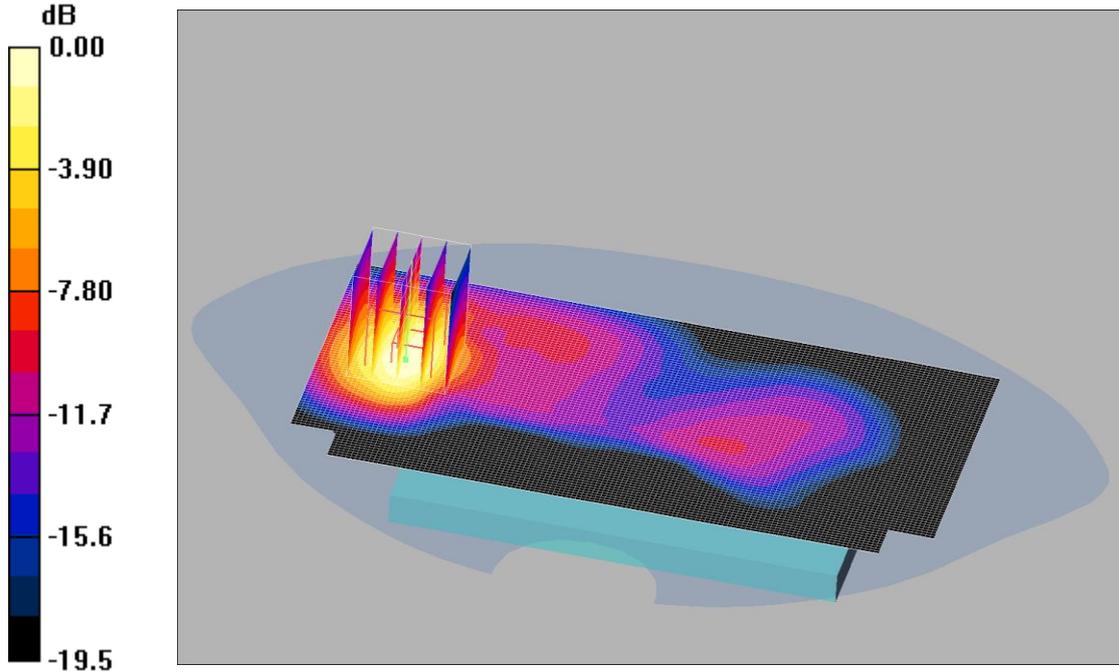
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.599 mW/g

Maximum value of SAR (measured) = 1.28 mW/g

040: Front of EUT Facing Phantom at 15 mm UMTS Band 2 CH9400

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.358mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$

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 - Middle/Area Scan (81x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.377 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 = 3.24 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.541 W/kg

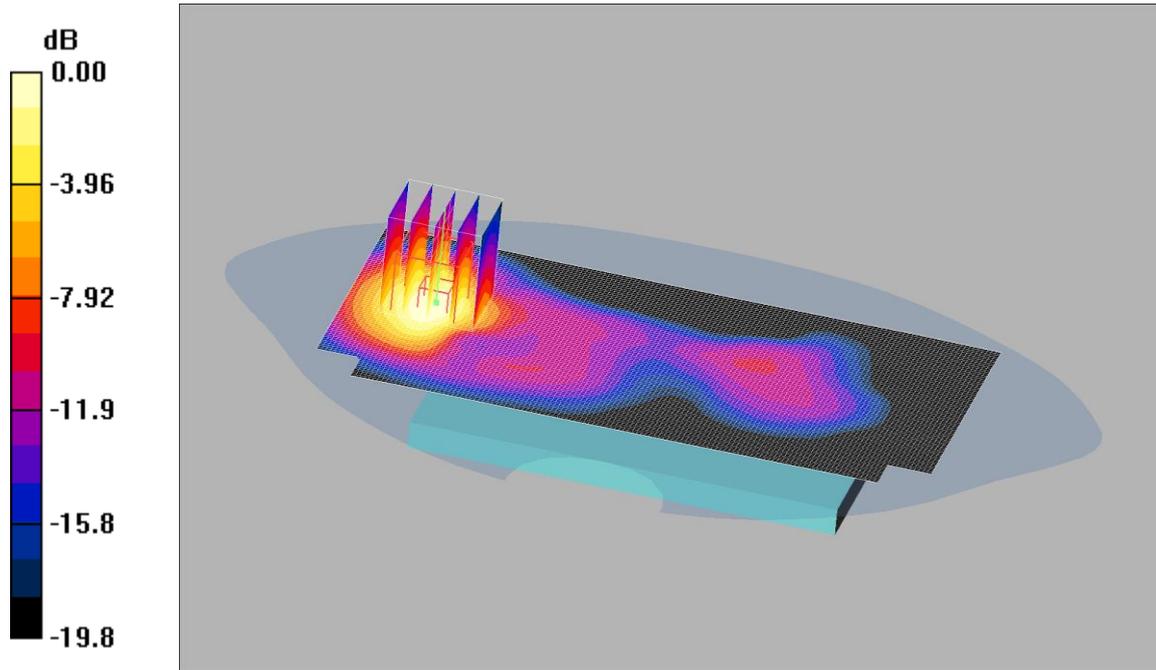
SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.183 mW/g

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

041: Back of EUT Facing Phantom at 15 mm UMTS Band 2 CH9400

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.332mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

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 (81x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.350 mW/g

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

Reference Value = 14.3 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.498 W/kg

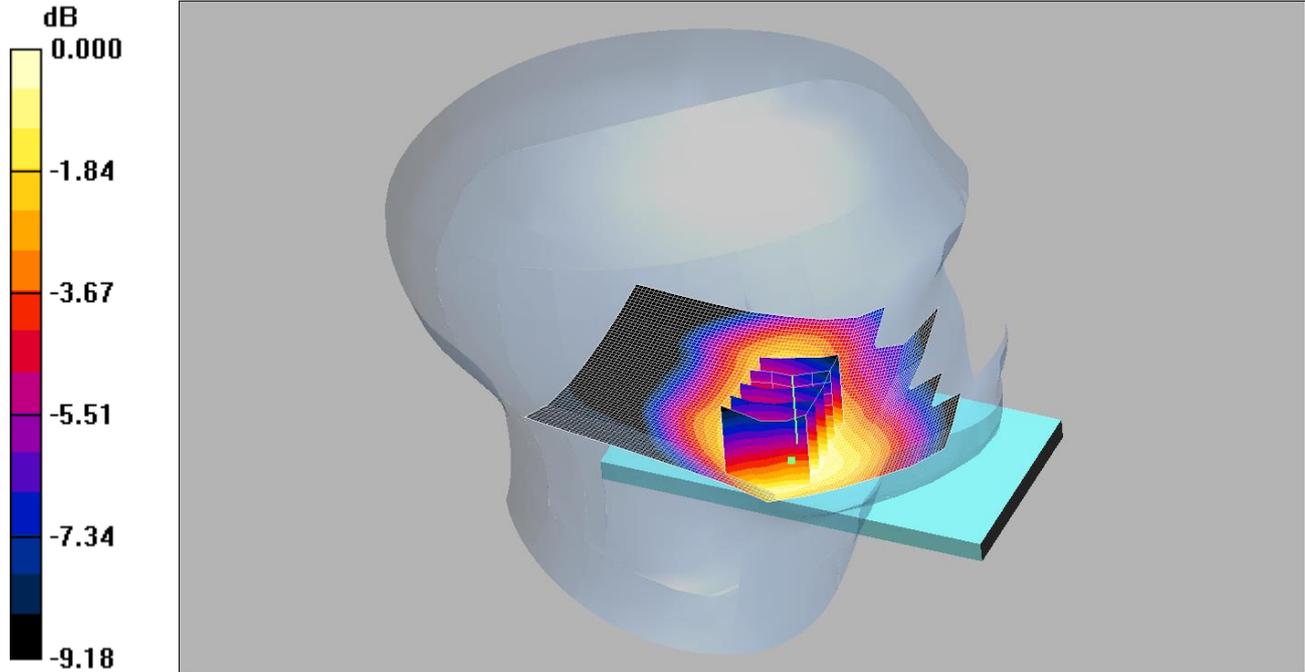
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.332 mW/g

042: Touch Left UMTS FDD5 CH4183

Date: 23/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.275mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 0.932 \text{ mho/m}$; $\epsilon_r = 43.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.13, 6.13, 6.13);
- 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 (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.298 mW/g

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

Reference Value = 7.52 V/m; Power Drift = 0.026 dB

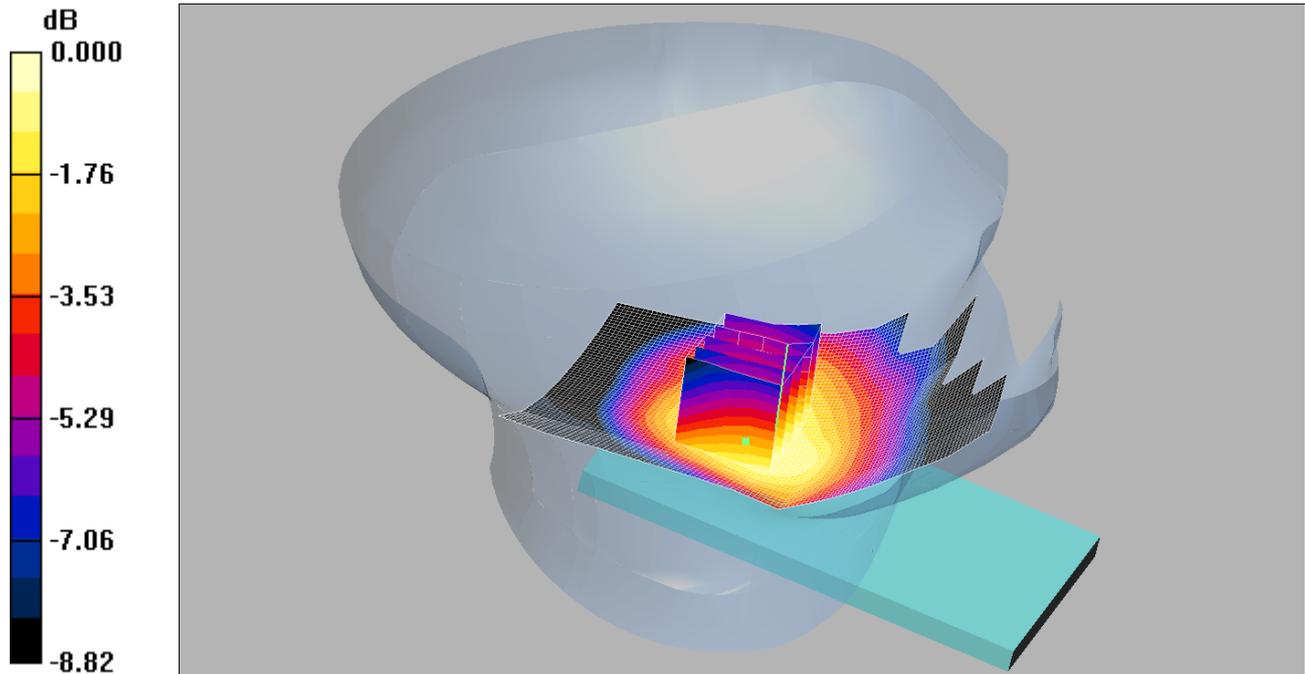
Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.196 mW/g

Maximum value of SAR (measured) = 0.275 mW/g

043: Tilt Left UMTS FDD5 CH4183
 Date: 23/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.226mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 0.932 \text{ mho/m}$; $\epsilon_r = 43.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.13, 6.13, 6.13);
- 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 (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.208 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 = 0.012 dB

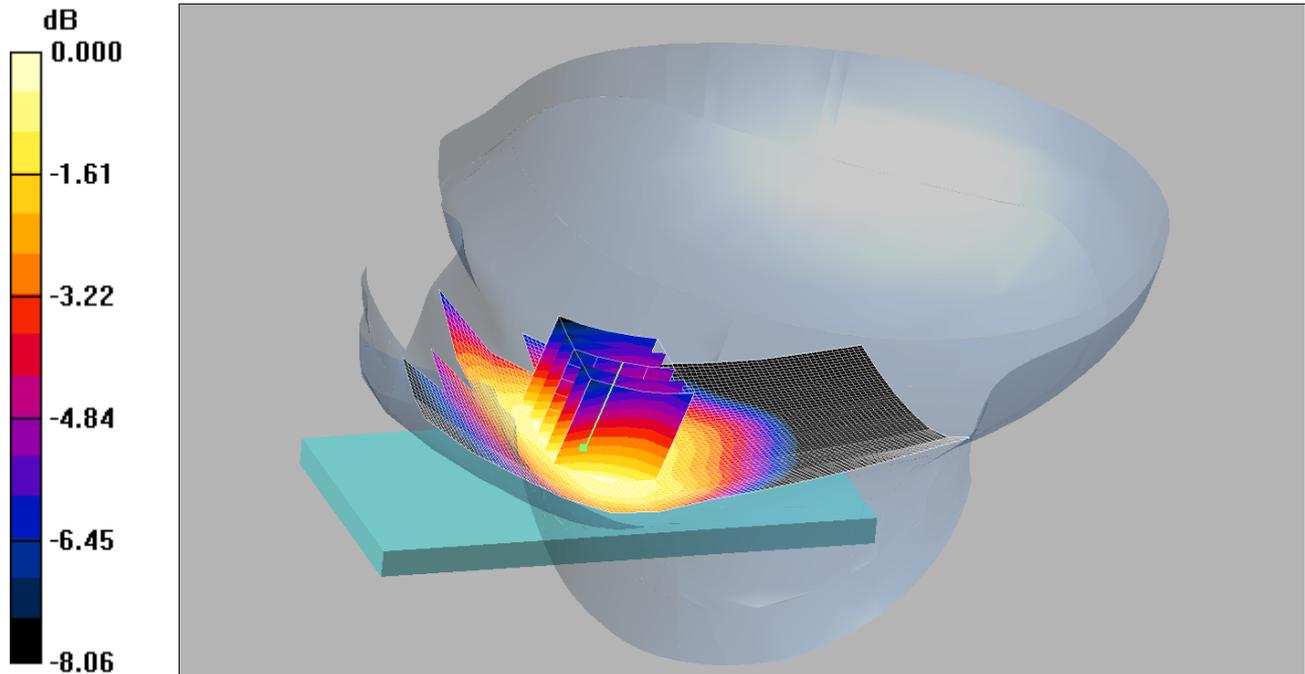
Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.226 mW/g

044: Touch Right UMTS FDD5 CH4183
 Date: 23/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.275mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.932$ mho/m; $\epsilon_r = 43.3$; $\rho = 1000$ kg/m³
 Phantom section: Right Section
 DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.13, 6.13, 6.13);
- 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/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.277 mW/g

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

Reference Value = 5.81 V/m; Power Drift = 0.054 dB

Peak SAR (extrapolated) = 0.323 W/kg

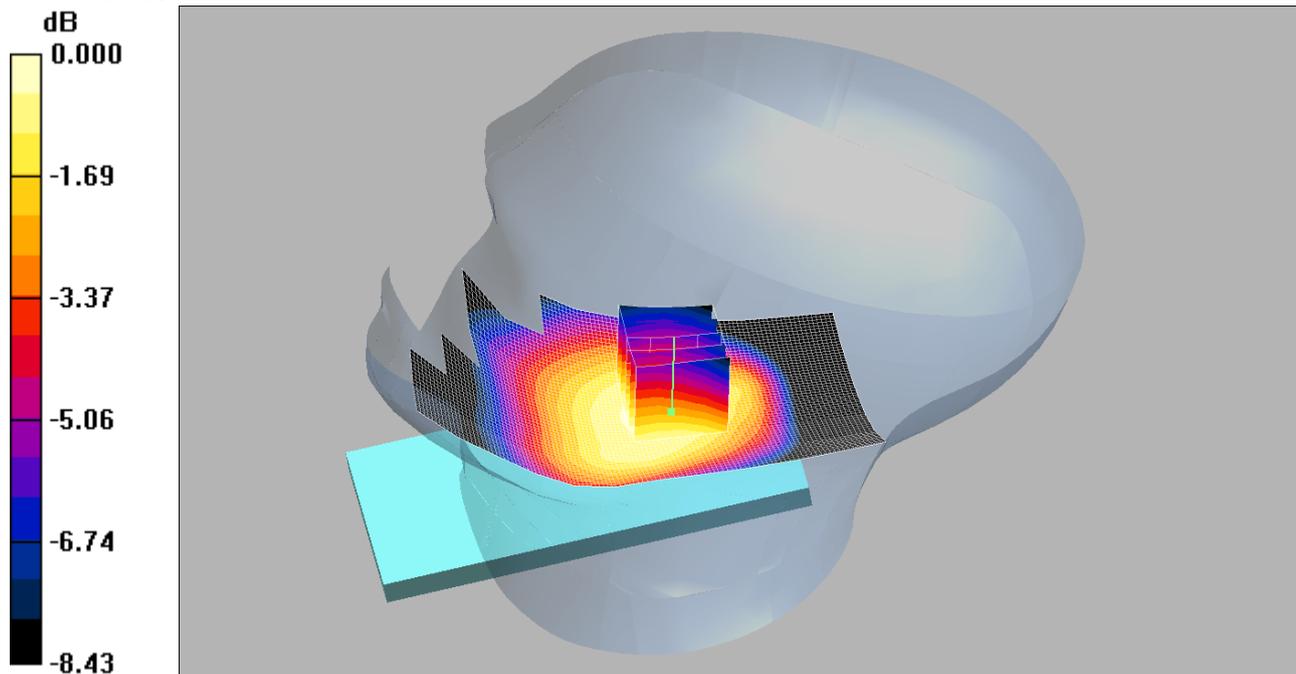
SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.205 mW/g

Maximum value of SAR (measured) = 0.275 mW/g

045: Tilt Right UMTS FDD5 CH4183

Date: 23/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.211mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.932$ mho/m; $\epsilon_r = 43.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.13, 6.13, 6.13);
- 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 Right - Middle/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 10.00 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 0.245 W/kg

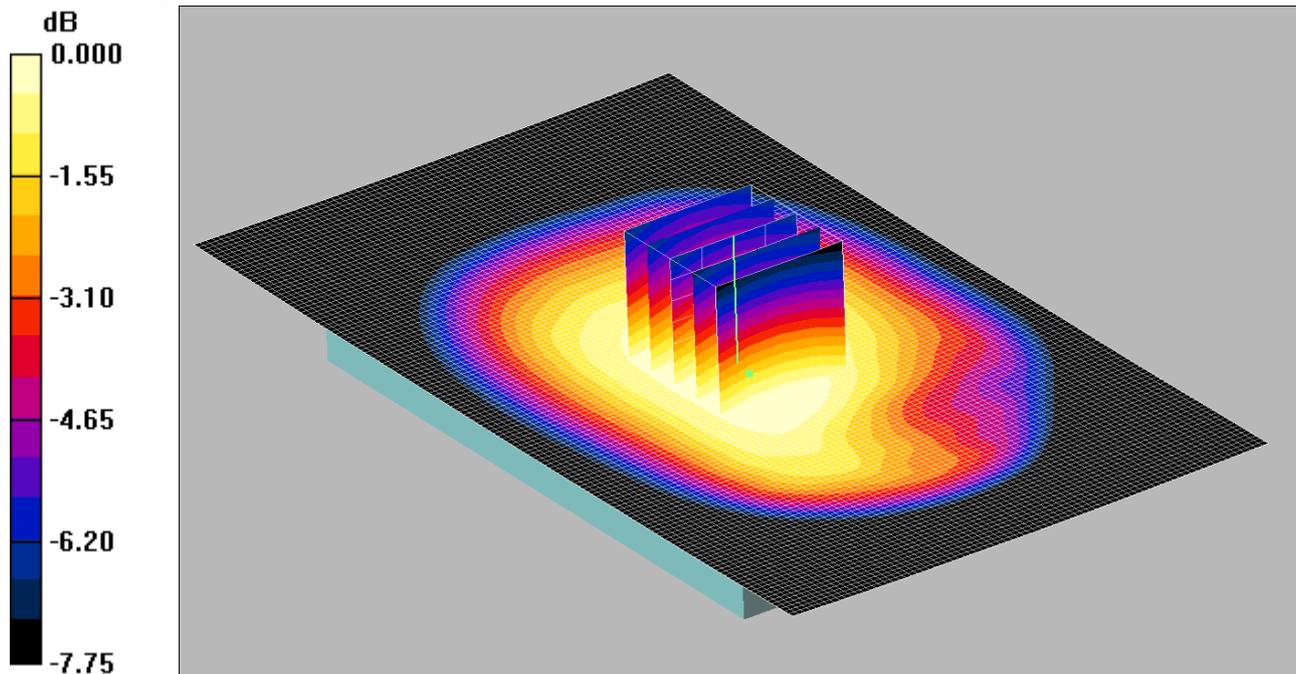
SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.157 mW/g

Maximum value of SAR (measured) = 0.211 mW/g

046: Front of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 23/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.416mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);

- 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/Area Scan 2 (81x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.418 mW/g

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

Reference Value = 20.8 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.474 W/kg

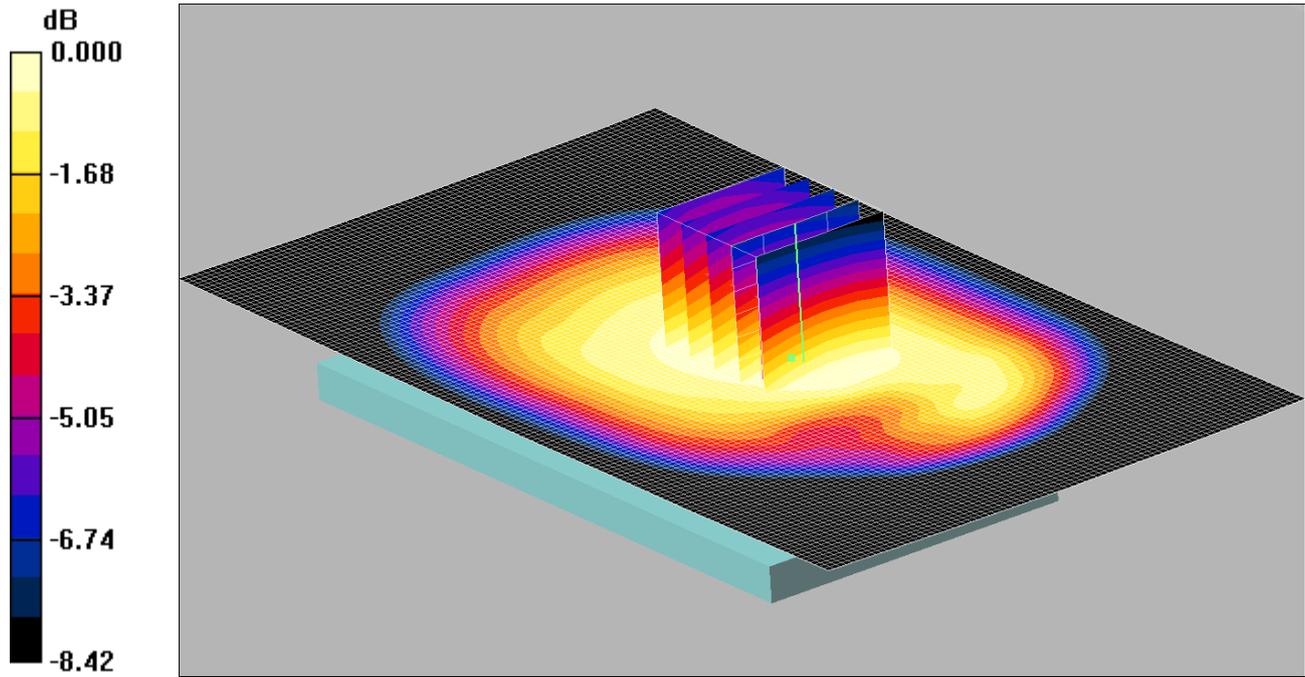
SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.314 mW/g

Maximum value of SAR (measured) = 0.416 mW/g

047: Back of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 23/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.463mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- 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) = 0.461 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 = 21.6 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.536 W/kg

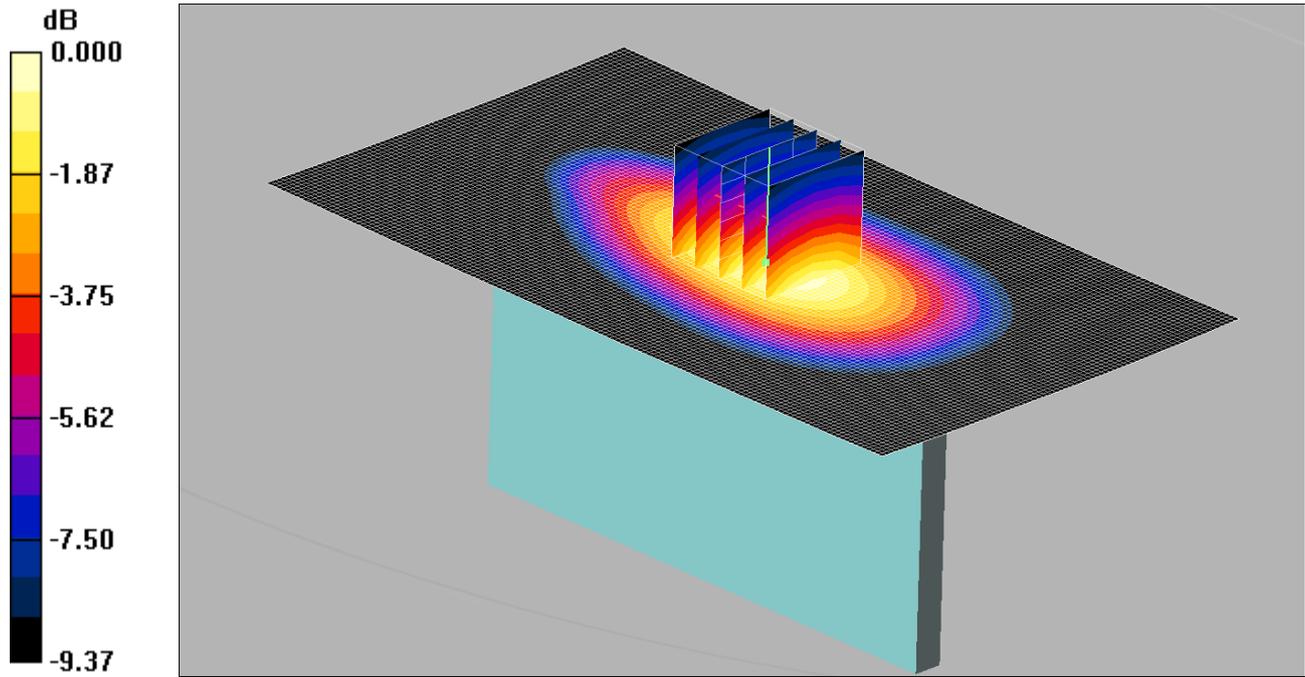
SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.463 mW/g

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

Date: 23/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.327mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- 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 of EUT Facing Phantom - Middle/Area Scan 2 (81x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.329 mW/g

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

Reference Value = 18.6 V/m; Power Drift = 0.052 dB

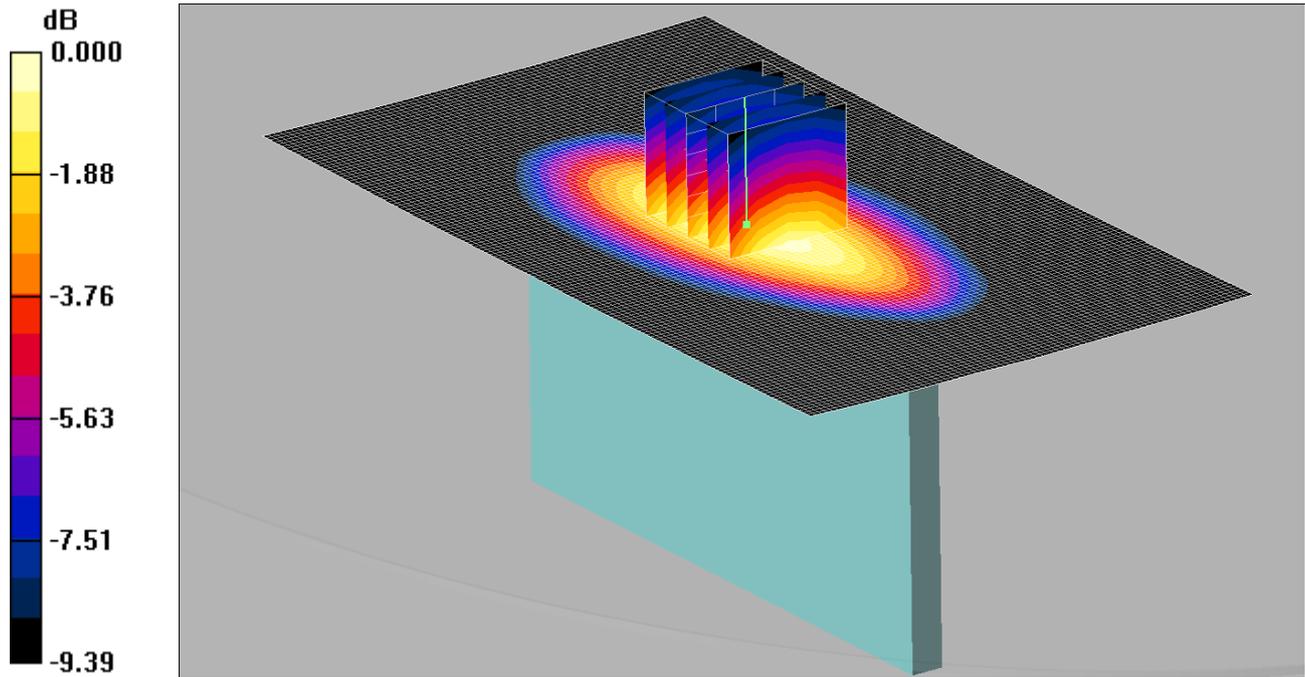
Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.210 mW/g

Maximum value of SAR (measured) = 0.327 mW/g

049: Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183
 Date: 23/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



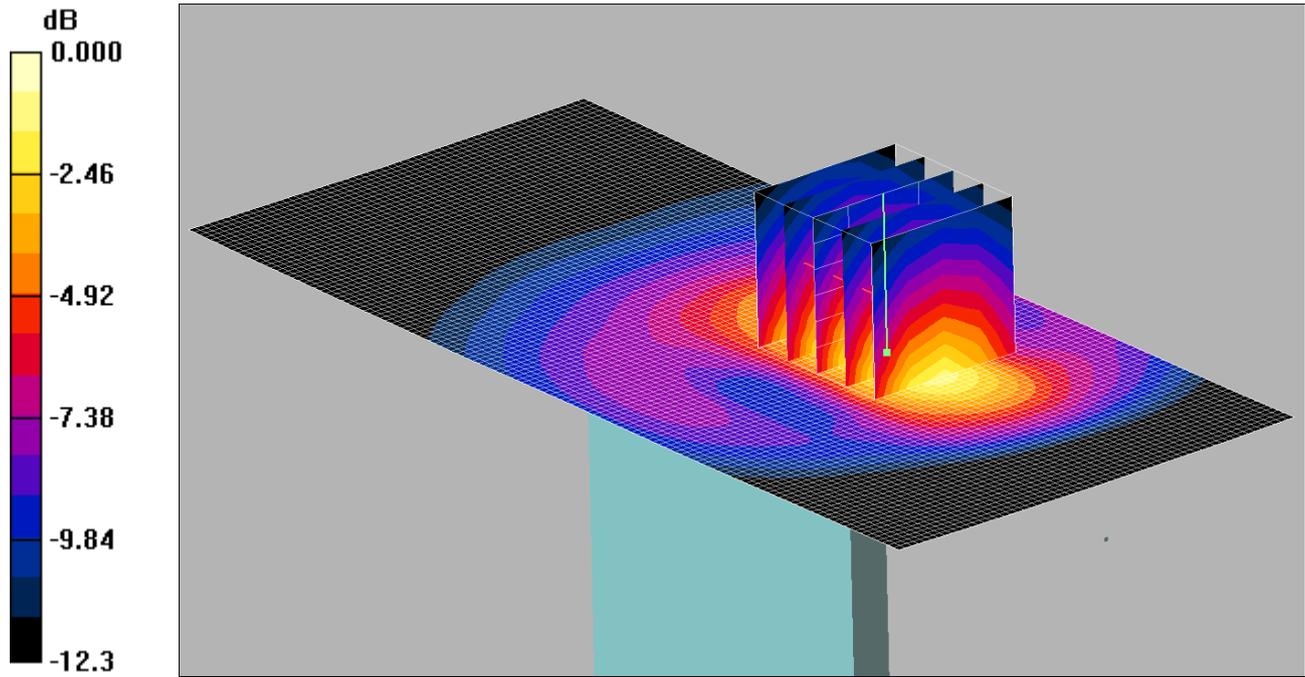
0 dB = 0.634mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 DASY4 Configuration:
 - Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
 - 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
 Right of EUT Facing Phantom - Middle/Area Scan 2 (81x141x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.630 mW/g
 Right of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 25.8 V/m; Power Drift = -0.045 dB
 Peak SAR (extrapolated) = 0.818 W/kg
 SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.402 mW/g
 Maximum value of SAR (measured) = 0.634 mW/g

050: Bottom of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 23/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.148mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- 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

Bottom of EUT Facing Phantom - Middle/Area Scan 2 (61x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.139 mW/g

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

Reference Value = 12.6 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.148 mW/g