Appendix 3. 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 2Tx CH190
006	Back of EUT Facing Phantom GPRS850 2Tx CH190
007	Left of EUT Facing Phantom GPRS850 2Tx CH190
008	Right of EUT Facing Phantom GPRS850 2Tx CH190
009	Bottom of EUT Facing Phantom GPRS850 2Tx CH190
010	Front of EUT Facing Phantom GPRS850 DTM Class 9 CH190
011	Back of EUT Facing Phantom GPRS850 DTM Class 9 CH190
012	Touch Left PCS 1900 DTM Class 11 CH661
013	Tilt Left PCS 1900 DTM Class 11 CH661
014	Touch Right PCS 1900 DTM Class 11 CH661
015	Tilt Right PCS 1900 DTM Class 11 CH661
016	Front of EUT Facing Phantom GPRS1900 4Tx CH661
017	Back of EUT Facing Phantom GPRS1900 4Tx CH661
018	Left of EUT Facing Phantom GPRS1900 4Tx CH661
019	Right of EUT Facing Phantom GPRS1900 4Tx CH661
020	Bottom of EUT Facing Phantom GPRS1900 4Tx CH661
021	Bottom of EUT Facing Phantom GPRS1900 4Tx CH512
022	Bottom of EUT Facing Phantom GPRS1900 4Tx CH810
023	Front of EUT Facing Phantom at 15 mm DTM Class 11 CH661
024	Back of EUT Facing Phantom at 15 mm DTM Class 11 CH661
025	Touch Left UMTS FDD5 CH4183
026	Tilt Left UMTS FDD5 CH4183
027	Touch Right UMTS FDD5 CH4183
028	Tilt Right UMTS FDD5 CH4183
029	Front of EUT Facing Phantom UMTS FDD 5 CH4183
030	Back of EUT Facing Phantom UMTS FDD 5 CH4183
031	Left Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183
032	Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183
033	Bottom of EUT Facing Phantom UMTS FDD 5 CH4183
034	Touch Left WiFi 802.11b 1Mbps CH6
035	Tilt Left WiFi 802.11b 1Mbps CH6

Scan Reference Number	Title
036	Touch Right WiFi 802.11b 1Mbps CH6
037	Tilt Right WiFi 802.11b 1Mbps CH6
038	Front Of EUT Facing Phantom WiFi 802.11b 1Mbps CH6
039	Back Of EUT Facing Phantom WiFi 802.11b 1Mbps CH6
040	Left Of EUT Facing Phantom WiFi 802.11b 1Mbps CH6
041	Top of EUT Facing Phantom WiFi 802.11b 1Mbps CH6
042	Touch Left WLAN 802.11a 6Mbps CH48
043	Tilt Left WLAN 802.11a 6Mbps CH48
044	Touch Right WLAN 802.11a 6Mbps CH48
045	Tilt Right WLAN 802.11a 6Mbps 6Mbps CH48
046	Touch Right WLAN 802.11a 6Mbps CH60
047	Touch Right WLAN 802.11a 6Mbps CH100
048	Touch Right WLAN 802.11a 6Mbps CH157
049	Touch Right WLAN 802.11ac 40MHz 13.5Mbps CH38
050	Touch Right WLAN 802.11ac 40MHz 13.5Mbps CH54
051	Touch Right WLAN 802.11ac 40MHz 13.5Mbps CH110
052	Touch Right WLAN 802.11ac 40MHz 13.5Mbps CH159
053	Touch Right WLAN 802.11ac 80MHz 13.5Mbps CH42
054	Touch Right WLAN 802.11ac 80MHz 13.5Mbps CH58
055	Touch Right WLAN 802.11ac 80MHz 13.5Mbps CH106
056	Touch Right WLAN 802.11ac 80MHz 13.5Mbps CH155
057	Front of EUT Facing Phantom WiFi 802.11a 6Mbps CH48
058	Back of EUT Facing Phantom WiFi 802.11a 6Mbps CH48
059	Left Hand Side of EUT Facing Phantom WiFi 802.11a 6Mbps CH48
060	Back of EUT Facing Phantom WiFi 802.11a 6Mbps CH60
061	Back of EUT Facing Phantom WiFi 802.11a 6Mbps CH100
062	Back of EUT Facing Phantom WiFi 802.11a 6Mbps CH157
063	Back of EUT Facing Phantom WiFi 802.11ac 13.5Mbps CH38
064	Back of EUT Facing Phantom WiFi 802.11ac 13.5Mbps CH54
065	Back of EUT Facing Phantom WiFi 802.11ac 13.5Mbps CH110
066	Back of EUT Facing Phantom WiFi 802.11ac 13.5Mbps CH159
067	Back of EUT Facing Phantom WiFi 802.11ac 29.3Mbps CH42
068	Back of EUT Facing Phantom WiFi 802.11ac 29.3Mbps CH58
069	Back of EUT Facing Phantom WiFi 802.11ac 29.3Mbps CH106
070	Back of EUT Facing Phantom WiFi 802.11ac 29.3Mbps CH155

Scan Reference Number	Title
071	System Performance Check 900MHz Head 07 07 14
072	System Performance Check 900MHz Head 14 07 14
073	System Performance Check 900MHz Body 08 07 14
074	System Performance Check 900MHz Body 14 07 14
075	System Performance Check 1900MHz Head 07 07 14
076	System Performance Check 1900MHz Body 07 07 14
077	System Performance Check 2450MHz Head 10 07 14
078	System Performance Check 2450MHz Body 10 07 14
079	System Performance Check 5200 MHz Head 08 07 14
080	System Performance Check 5500 MHz Head 08 07 14
081	System Performance Check 5800 MHz Head 08 07 14
082	System Performance Check 5200 MHz Body 08 07 14
083	System Performance Check 5500 MHz Body 08 07 14
084	System Performance Check 5800 MHz Body 08 07 14

001: Touch Left DTM Class 9 CH190
Date: 14/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807
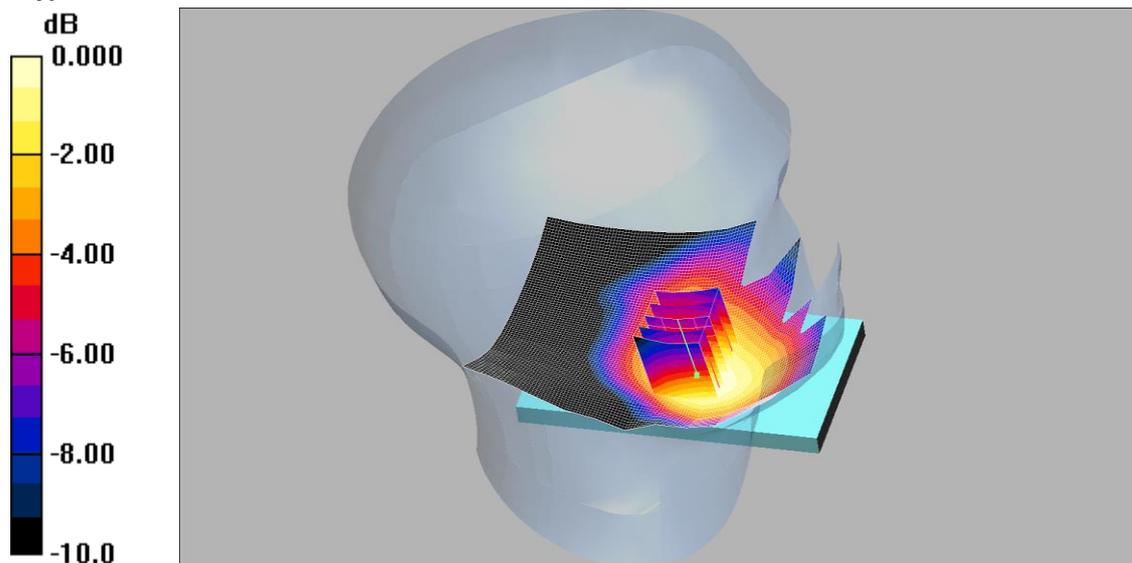
0 dB = 0.326mW/g

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; σ = 0.932 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(6.21, 6.21, 6.21);
- 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, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.331 mW/g

Touch Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.06 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 0.396 W/kg
SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.235 mW/g
Maximum value of SAR (measured) = 0.326 mW/g

002: Tilt Left DTM Class 9 CH190
Date: 14/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.221mW/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; σ = 0.932 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(6.21, 6.21, 6.21);
- 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, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159
Tilt Left - Middle/Area Scan 2 (81x131x1): Measurement grid: dx=15mm, dy=15mm

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

Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
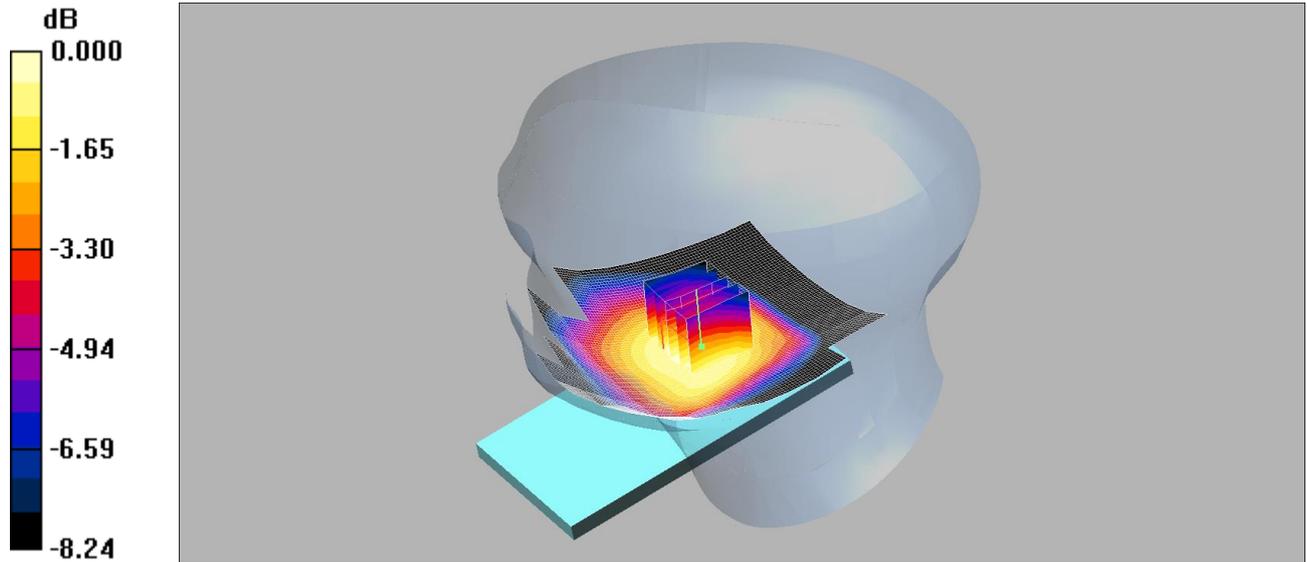Reference Value = 9.15 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 0.255 W/kg
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 0.221 mW/g

003: Touch Right DTM Class 9 CH190
Date: 15/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807
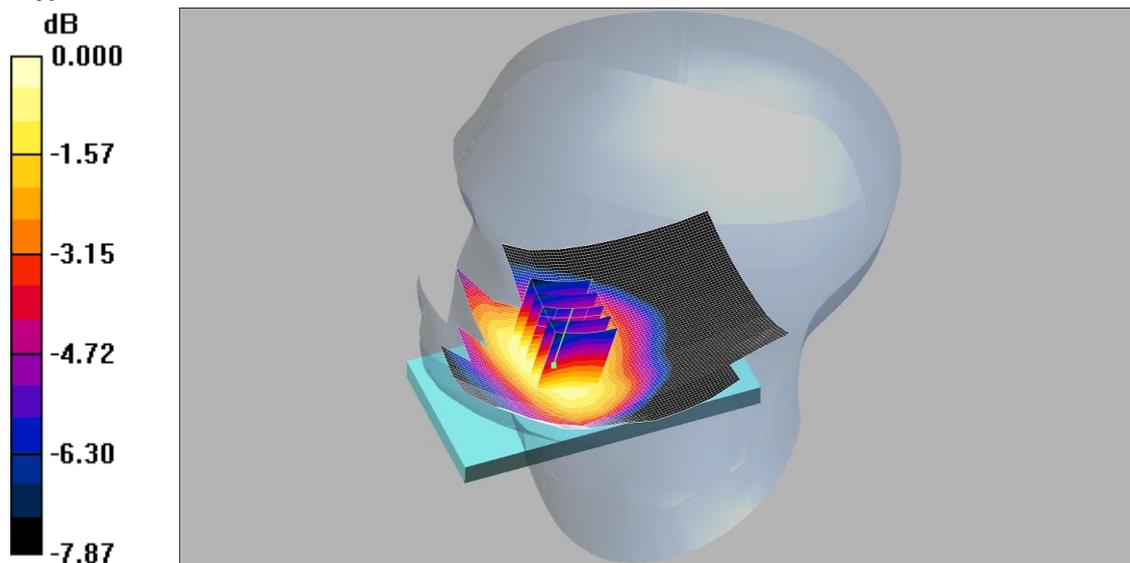
0 dB = 0.308mW/g

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; σ = 0.932 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(6.21, 6.21, 6.21);
- 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, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159
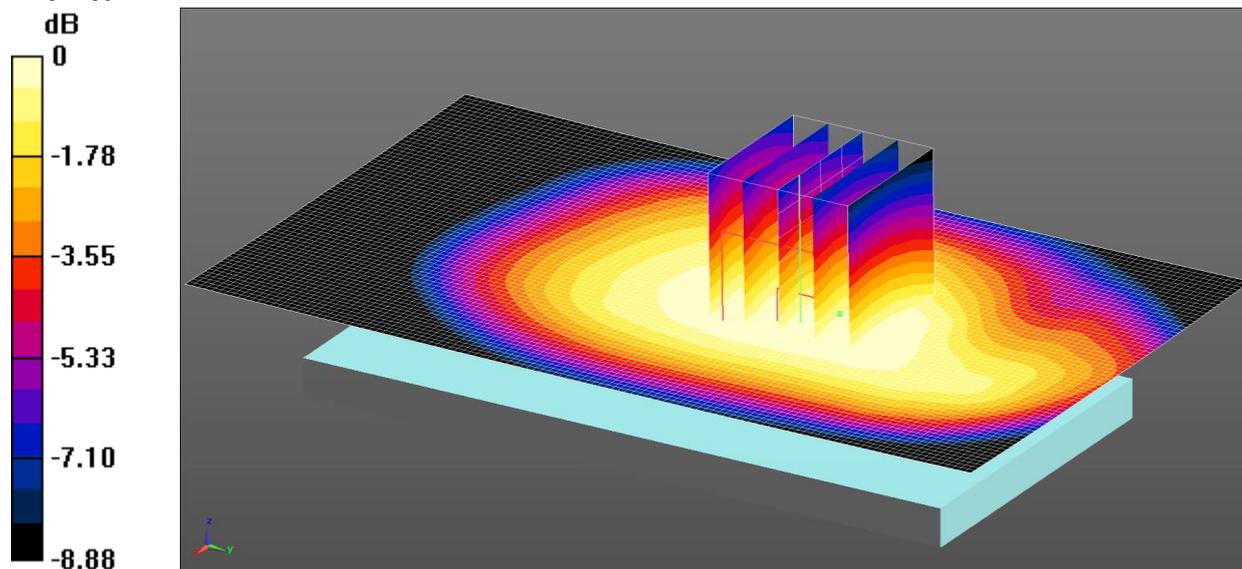
Touch Right - Middle/Area Scan 2 (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.300 mW/g

Touch Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.32 V/m; Power Drift = 0.036 dB
Peak SAR (extrapolated) = 0.355 W/kg
SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.227 mW/g

Maximum value of SAR (measured) = 0.308 mW/g

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004: Tilt Right DTM Class 9 CH190
Date: 16/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.185mW/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; σ = 0.932 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(6.21, 6.21, 6.21);
- 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, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Tilt Right - Middle 2/Area Scan 2 (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.182 mW/g

Tilt Right - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.32 V/m; Power Drift = -0.025 dB
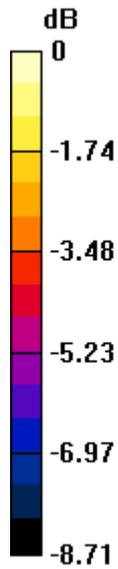Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.138 mW/g
Maximum value of SAR (measured) = 0.185 mW/g

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005: Front of EUT Facing Phantom GPRS850 2Tx CH190
Date: 14/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.407 W/kg = -3.90 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; σ = 1.024 S/m; ε_r = 54.877; ρ = 1000 kg/m^3
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 2/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.413 W/kg

Configuration/Front of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.33 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.484 W/kg
SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.304 W/kg
Maximum value of SAR (measured) = 0.407 W/kg

006: Back of EUT Facing Phantom GPRS850 2Tx CH190
Date: 14/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807
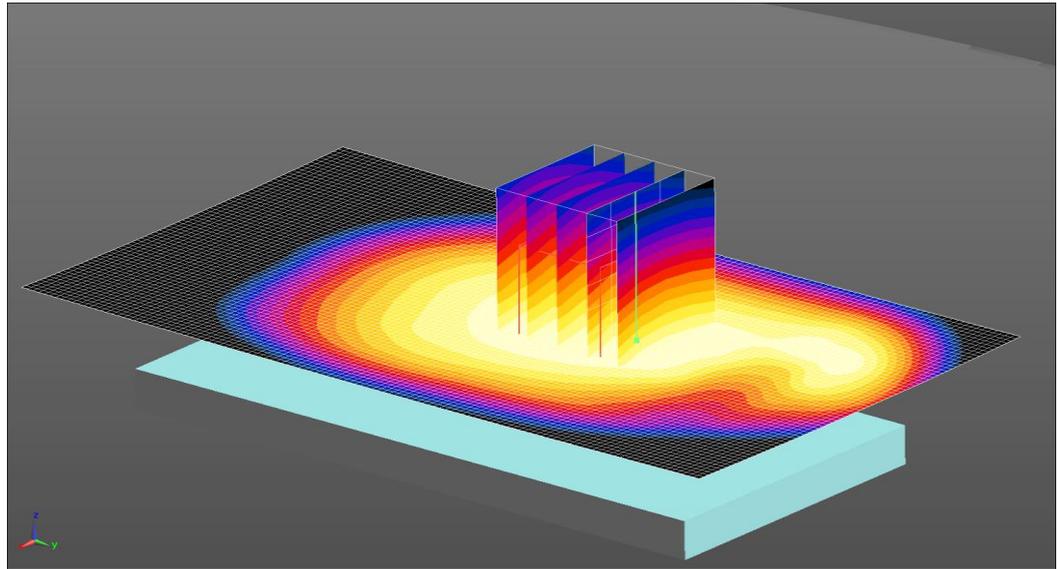
0 dB = 0.414 W/kg = -3.83 dBW/kg

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; σ = 1.024 S/m; ε_r = 54.877; ρ = 1000 kg/m^3
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 2/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.421 W/kg

Configuration/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 = 19.60 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.499 W/kg
SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.307 W/kg
Maximum value of SAR (measured) = 0.414 W/kg

007: Left of EUT Facing Phantom GPRS850 2Tx CH190
Date: 14/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807
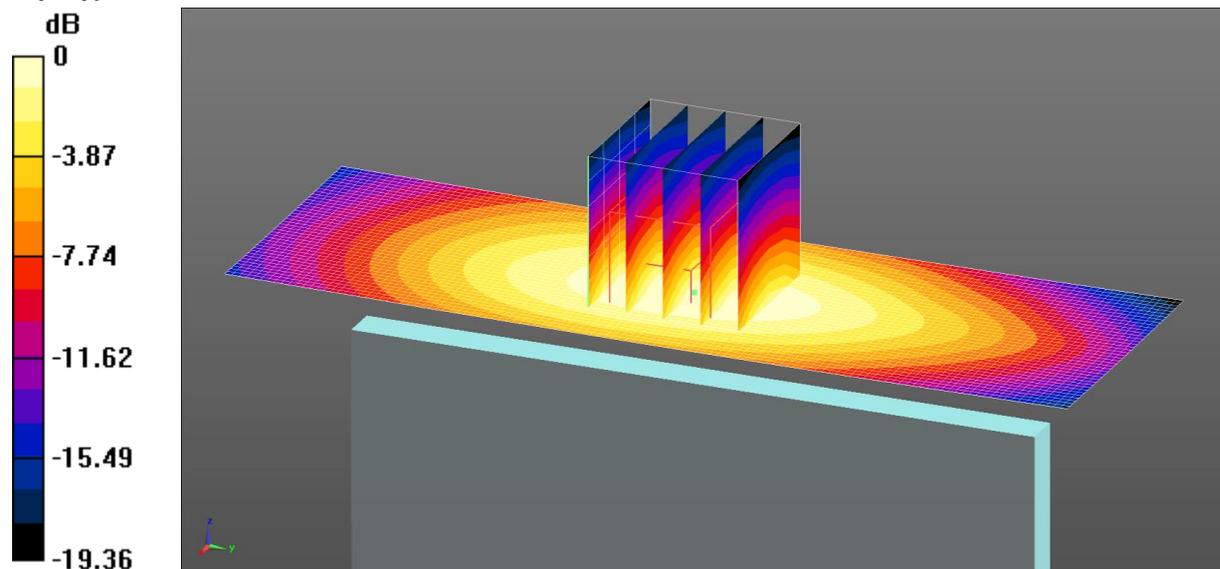
0 dB = 0.309 W/kg = -5.09 dBW/kg

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; σ = 1.024 S/m; ε_r = 54.877; ρ = 1000 kg/m^3
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 of EUT Facing Phantom - Middle/Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.309 W/kg

Configuration/Left of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm
Reference Value = 17.38 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.421 W/kg
SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.194 W/kg
Maximum value of SAR (measured) = 0.313 W/kg

008: Right of EUT Facing Phantom GPRS850 2Tx CH190
Date: 14/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807
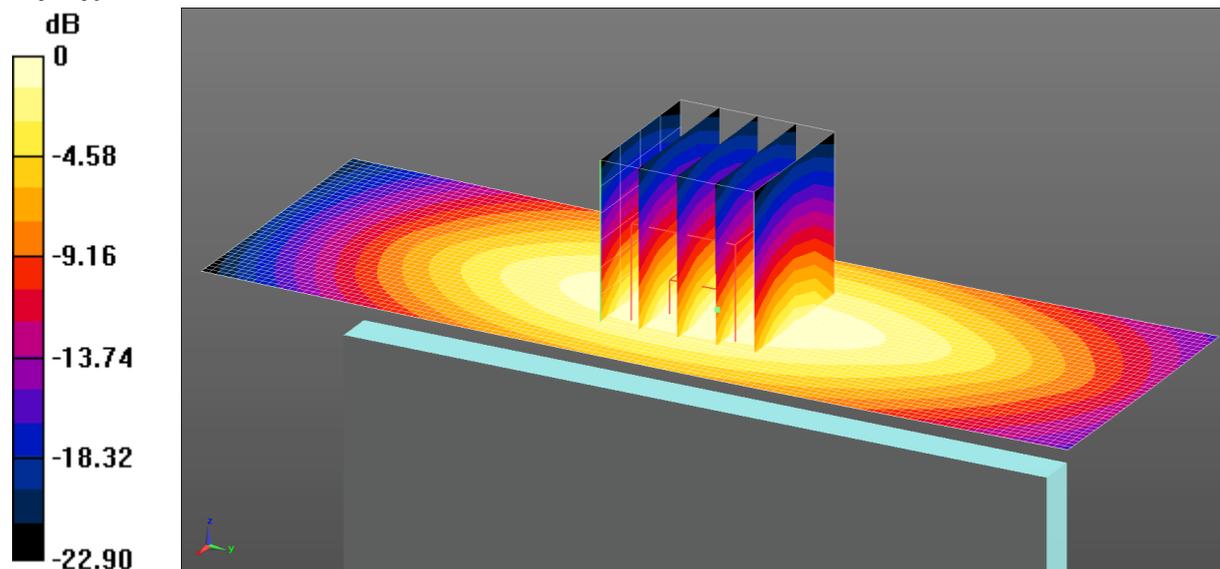
0 dB = 0.443 W/kg = -3.54 dBW/kg

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; σ = 1.024 S/m; $ε_r$ = 54.877; ρ = 1000 kg/m^3
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 of EUT Facing Phantom - Middle/Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.443 W/kg

Configuration/Right of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm
Reference Value = 20.59 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.285 W/kg
Maximum value of SAR (measured) = 0.452 W/kg

009: Bottom of EUT Facing Phantom GPRS850 2Tx CH190
Date: 14/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807
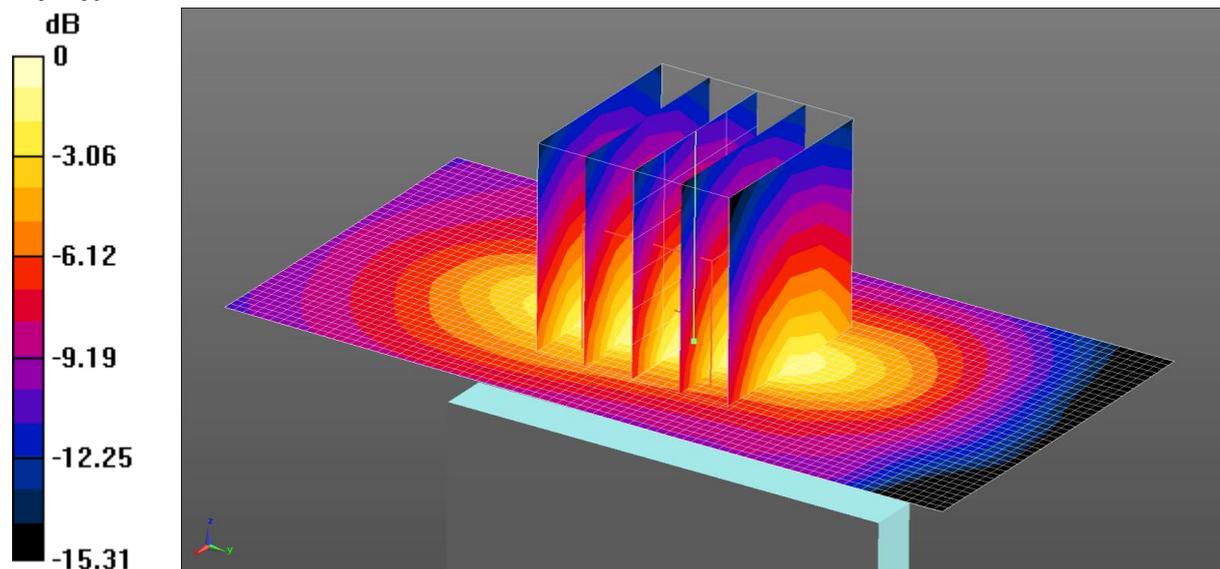
0 dB = 0.150 W/kg = -8.24 dBW/kg

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; σ = 1.024 S/m; ε_r = 54.877; ρ = 1000 kg/m^3
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 (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.145 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 = 12.20 V/m; Power Drift = -0.08 dB
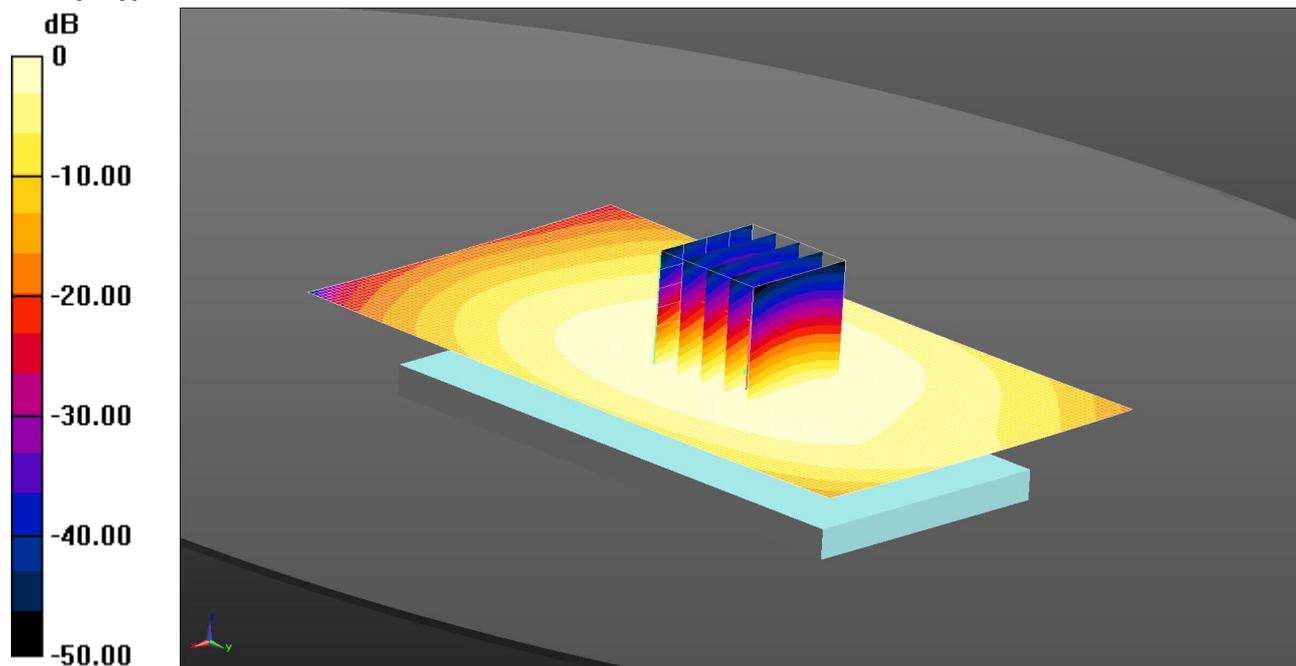Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.075 W/kg
Maximum value of SAR (measured) = 0.150 W/kg

010: Front of EUT Facing Phantom GPRS850 DTM Class 9 CH190
Date: 15-Jul-14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.406 W/kg = -3.91 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; σ = 1.024 S/m; ε_r = 54.877; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(9.96, 9.96, 9.96); Calibrated: 09-May-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15-Apr-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 2/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.406 W/kg

Configuration/Front of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.62 V/m; Power Drift = 0.05 dB
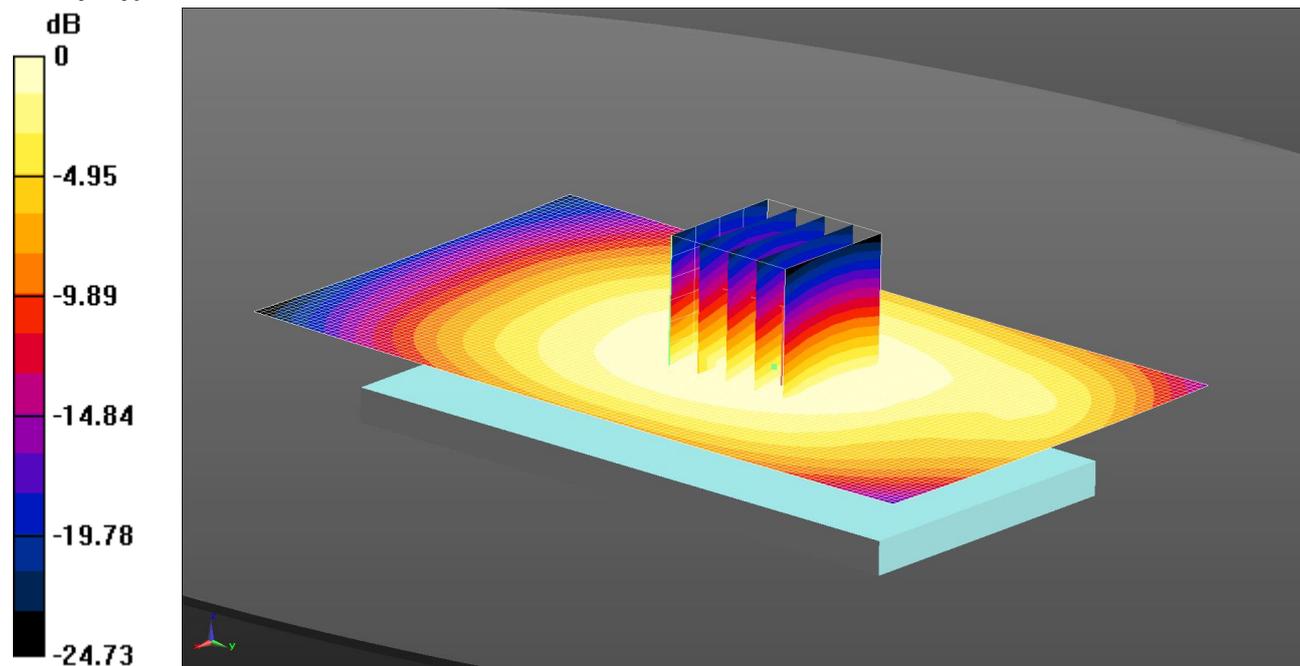Peak SAR (extrapolated) = 0.494 W/kg
SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.299 W/kg
Maximum value of SAR (measured) = 0.409 W/kg

011: Back of EUT Facing Phantom GPRS850 DTM Class 9 CH190
Date: 15-Jul-14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.397 W/kg = -4.02 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; σ = 1.024 S/m; ε_r = 54.877; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(9.96, 9.96, 9.96); Calibrated: 09-May-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15-Apr-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 2/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.397 W/kg

Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm
Reference Value = 19.44 V/m; Power Drift = 0.03 dB
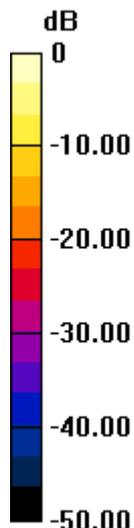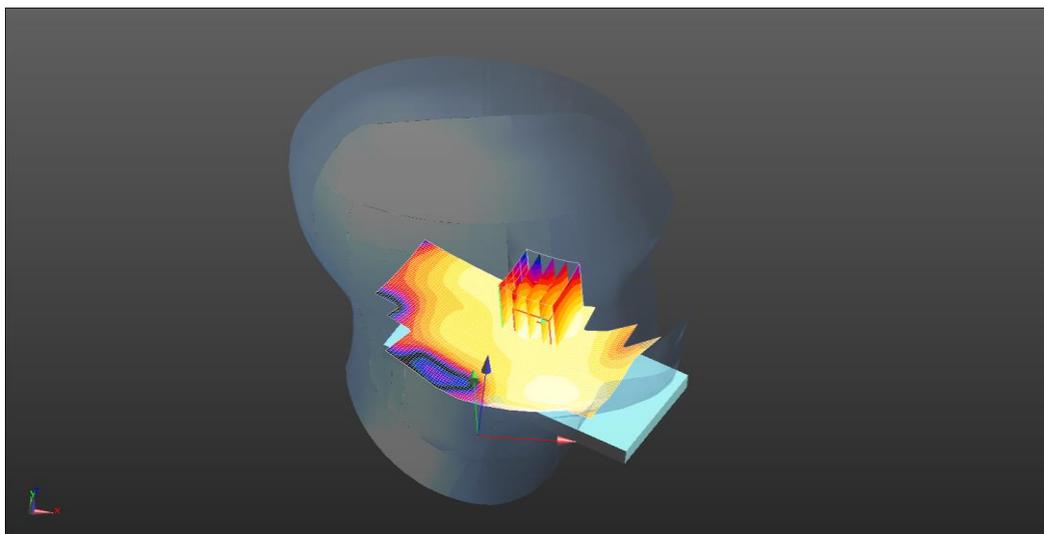Peak SAR (extrapolated) = 0.483 W/kg
SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.293 W/kg
Maximum value of SAR (measured) = 0.397 W/kg

012: Touch Left PCS 1900 DTM Class 11 CH661
Date: 7/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.231 W/kg = -6.37 dBW/kg

Communication System: UID 0, DTM 11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.66993
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.333 S/m; $ε_r$ = 40.233; ρ = 1000 kg/m^3
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 3 (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.231 W/kg

Configuration/Touch Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.05 V/m; Power Drift = 0.02 dB
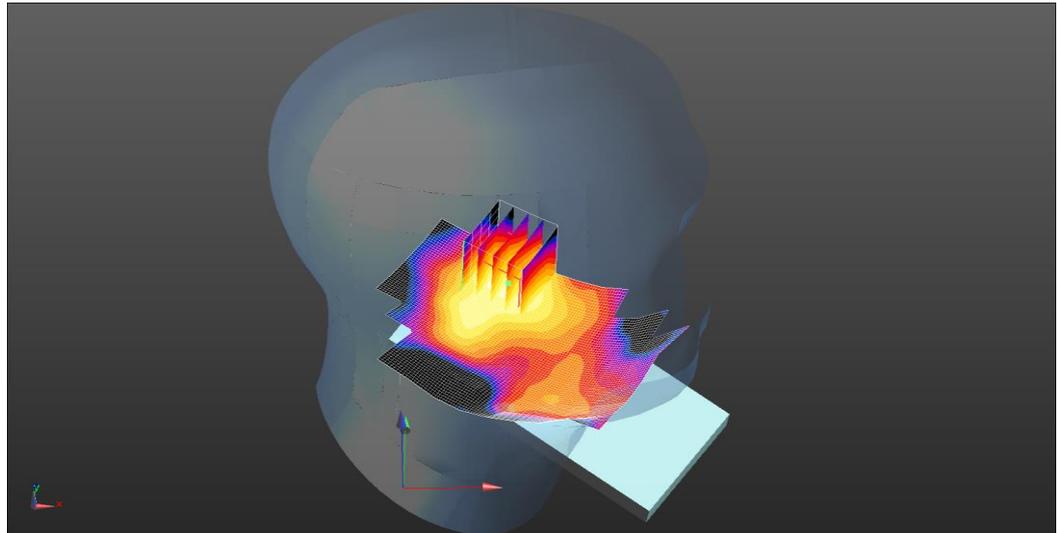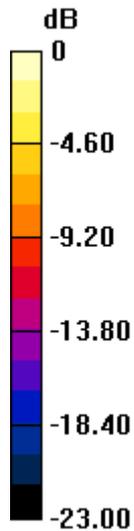Peak SAR (extrapolated) = 0.346 W/kg
SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.119 W/kg

Maximum value of SAR (measured) = 0.247 W/kg

013: Tilt Left PCS 1900 DTM Class 11 CH661
Date: 7/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.0941 W/kg = -10.26 dBW/kg

Communication System: UID 0, DTM 11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.66993
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.333 S/m; $ε_r$ = 40.233; ρ = 1000 kg/m^3
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 3 (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm.
Maximum value of SAR (interpolated) = 0.0988 W/kg

Configuration/Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.261 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.130 W/kg
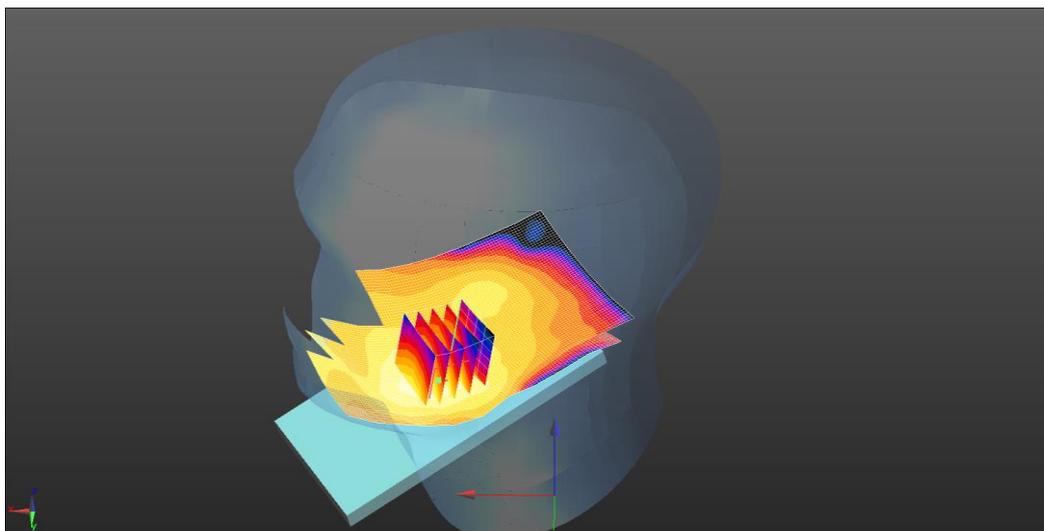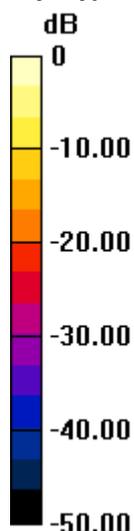**SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.050 W/kg**
Maximum value of SAR (measured) = 0.0941 W/kg

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

014: Touch Right PCS 1900 DTM Class 11 CH661
Date: 7/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.420 W/kg = -3.77 dBW/kg

Communication System: UID 0, DTM 11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.66993
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.333 S/m; ε_r = 40.233; ρ = 1000 kg/m^3
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 3 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.420 W/kg

Configuration/Touch Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.12 V/m; Power Drift = 0.11 dB
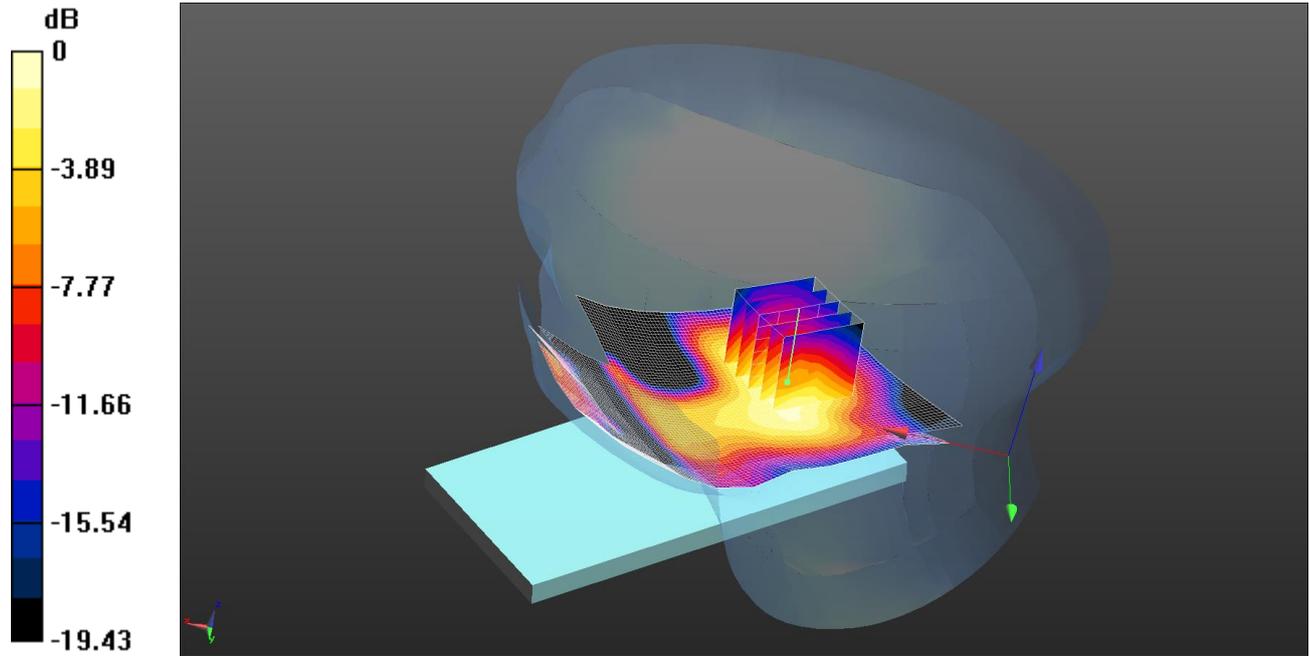Peak SAR (extrapolated) = 0.698 W/kg
SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 0.398 W/kg

015: Tilt Right PCS 1900 DTM Class 11 CH661
Date: 07/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.0952 W/kg = -10.21 dBW/kg

Communication System: UID 0 - n/a, DTM 11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.66993
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.333 S/m; ε_r = 40.233; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(7.96, 7.96, 7.96); Calibrated: 09/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1832
- ; SEMCAD X Version 14.6.9 (7117)
Configuration/Tilt Right - Middle/Area Scan 3 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0929 W/kg

Configuration/Tilt Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.159 V/m; Power Drift = 0.32 dB
Peak SAR (extrapolated) = 0.138 W/kg
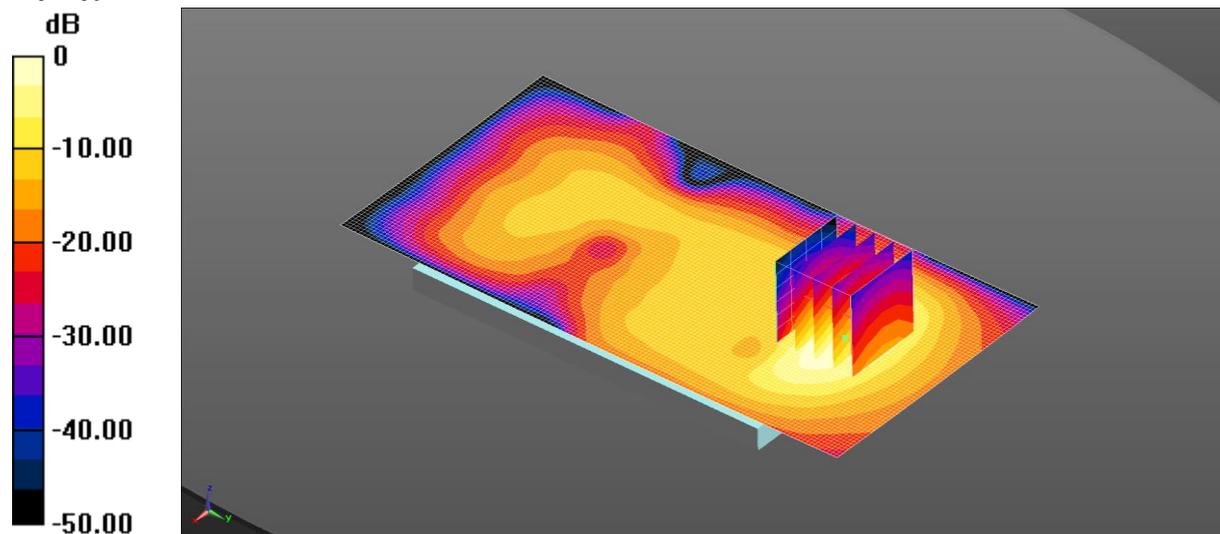**SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.050 W/kg**
Maximum value of SAR (measured) = 0.0952 W/kg

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

016: Front of EUT Facing Phantom GPRS1900 4Tx CH661
Date: 8/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.635 W/kg = -1.97 dBW/kg

Communication System: UID 0, GPRS 4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:1.99986
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.494 S/m; $ε_r$ = 52.007; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(7.74, 7.74, 7.74); 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.635 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 = 13.67 V/m; Power Drift = 0.03 dB
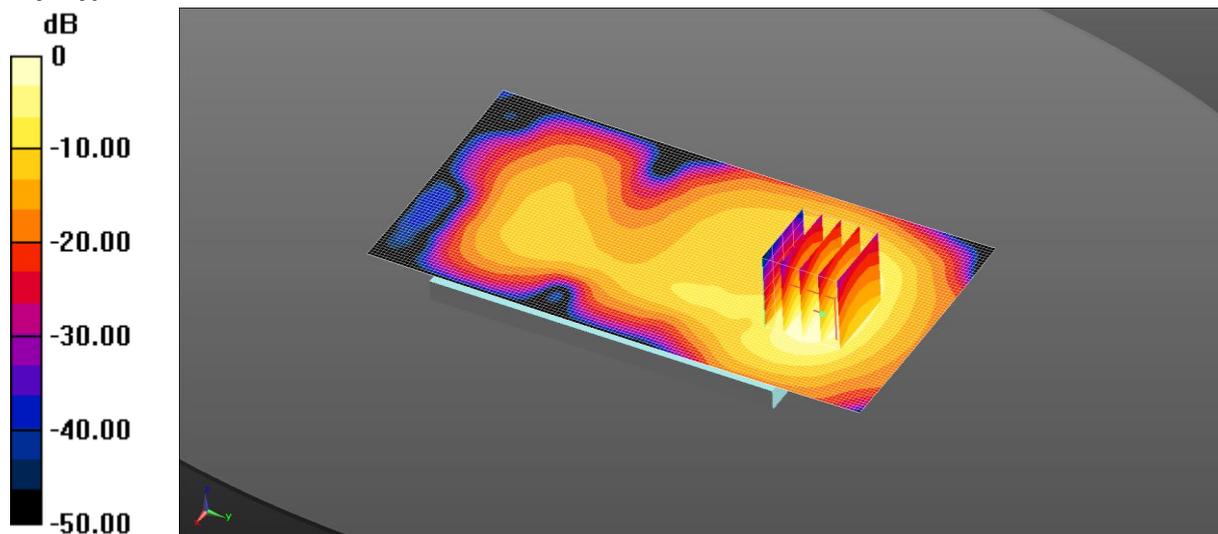Peak SAR (extrapolated) = 0.968 W/kg
SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 0.607 W/kg

017: Back of EUT Facing Phantom GPRS1900 4Tx CH661
Date: 8/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.545 W/kg = -2.64 dBW/kg

Communication System: UID 0, GPRS 4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:1.99986
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.494 S/m; ε_r = 52.007; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(7.74, 7.74, 7.74); 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.545 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 = 11.40 V/m; Power Drift = 0.04 dB
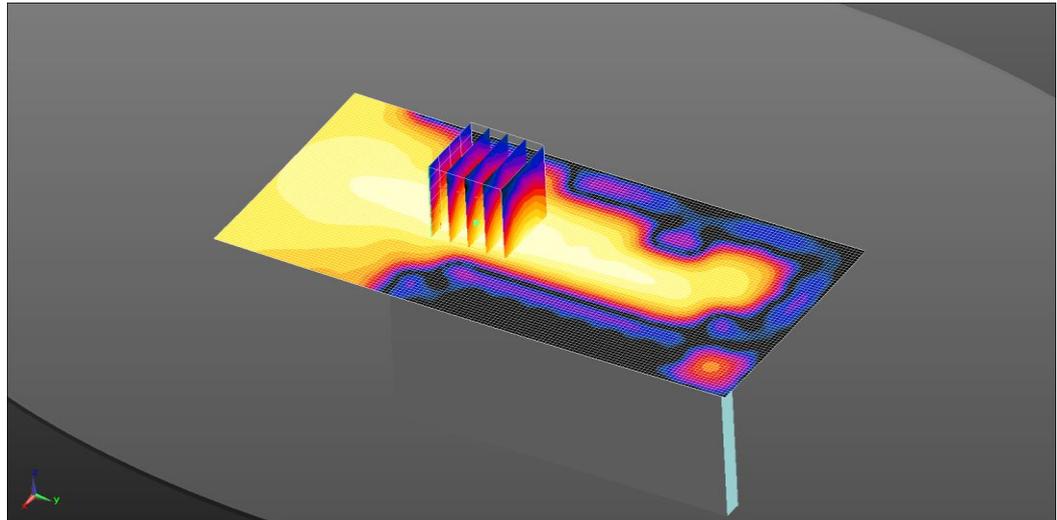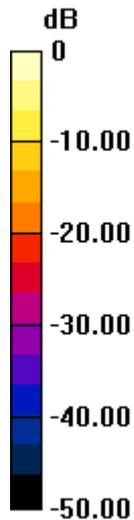Peak SAR (extrapolated) = 0.828 W/kg
SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.242 W/kg

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

018: Left of EUT Facing Phantom GPRS1900 4Tx CH661
Date: 8/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.0527 W/kg = -12.79 dBW/kg

Communication System: UID 0, GPRS 4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:1.99986
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.494 S/m; ε_r = 52.007; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(7.74, 7.74, 7.74); 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 of EUT Facing Phantom - Middle/Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0527 W/kg

Configuration/Left of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm
Reference Value = 5.331 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0740 W/kg
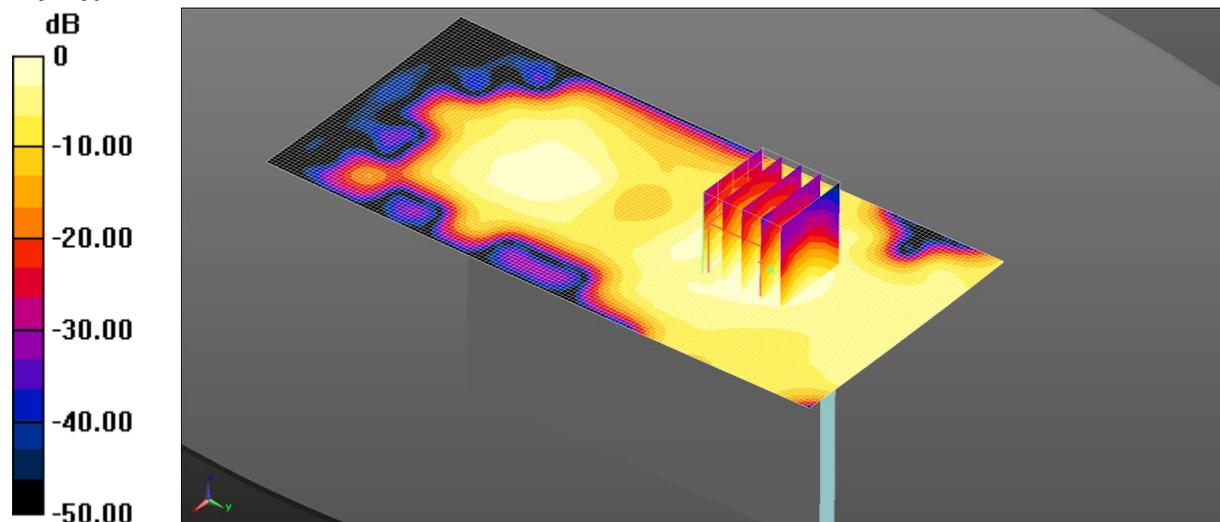**SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.024 W/kg**

Maximum value of SAR (measured) = 0.0489 W/kg

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

019: Right of EUT Facing Phantom GPRS1900 4Tx CH661
Date: 8/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.0361 W/kg = -14.42 dBW/kg

Communication System: UID 0, GPRS 4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:1.99986
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.494 S/m; ε_r = 52.007; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(7.74, 7.74, 7.74); 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 of EUT Facing Phantom - Middle/Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0361 W/kg

Configuration/Right of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.531 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0530 W/kg
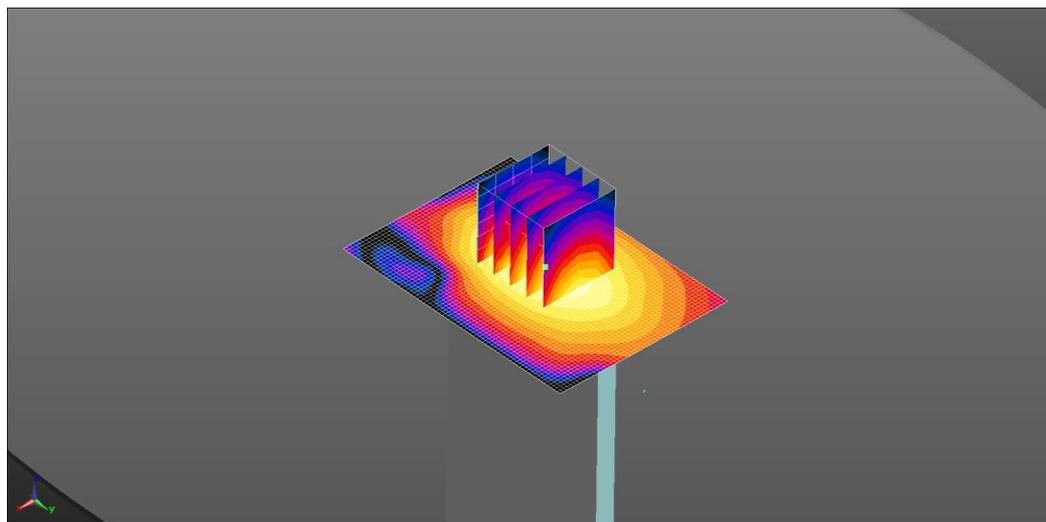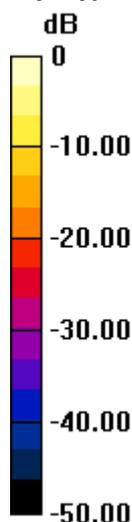**SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.0375 W/kg

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

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020: Bottom of EUT Facing Phantom GPRS1900 4Tx CH661
Date: 8/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.869 W/kg = -0.61 dBW/kg

Communication System: UID 0, GPRS 4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:1.99986
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.494 S/m; ε_r = 52.007; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(7.74, 7.74, 7.74); 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 (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.869 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 = 20.59 V/m; Power Drift = 0.13 dB
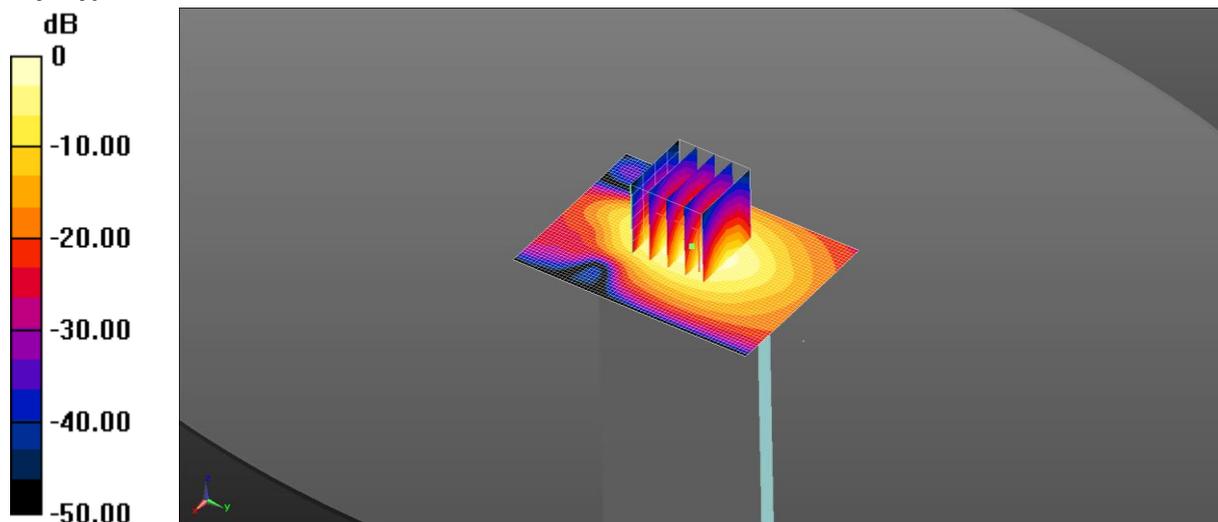Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.372 W/kg

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

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021: Bottom of EUT Facing Phantom GPRS1900 4Tx CH512
Date: 8/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.702 W/kg = -1.54 dBW/kg

Communication System: UID 0, GPRS 4Tx (0); Frequency: 1850.2 MHz;Duty Cycle: 1:1.99986
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.463 S/m; $ε_r$ = 52.069; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(7.74, 7.74, 7.74); 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 (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.702 W/kg

Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.81 V/m; Power Drift = 0.10 dB
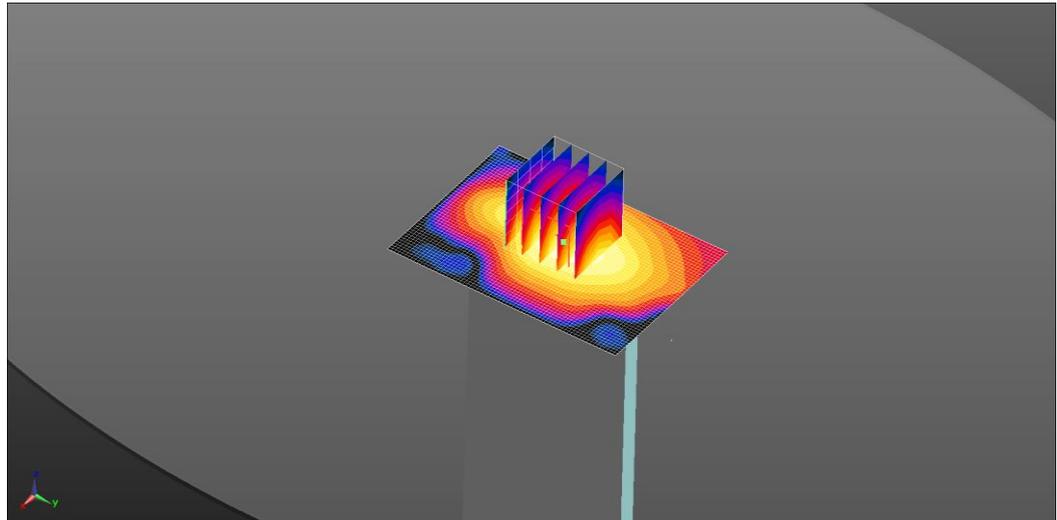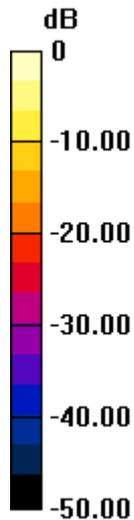Peak SAR (extrapolated) = 0.968 W/kg
SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 0.629 W/kg

022: Bottom of EUT Facing Phantom GPRS1900 4Tx CH810
Date: 9/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 1.18 W/kg = 0.72 dBW/kg

Communication System: UID 0, GPRS 4Tx (0); Frequency: 1909.8 MHz;Duty Cycle: 1:1.99986
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.523 S/m; ε_r = 51.941; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(7.74, 7.74, 7.74); 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 (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.18 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 = 23.27 V/m; Power Drift = 0.13 dB
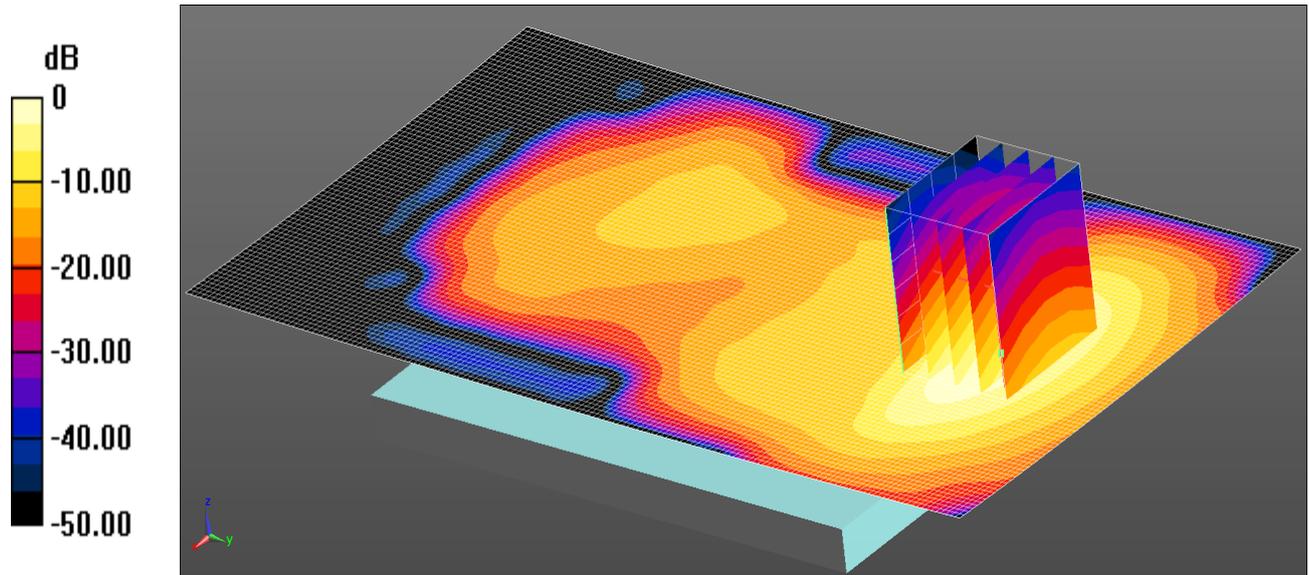Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.482 W/kg

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

023: Front of EUT Facing Phantom at 15 mm DTM Class 11 CH661
Date: 9/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.684 W/kg = -1.65 dBW/kg

Communication System: UID 0, DTM 11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.66993
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.494 S/m; εr = 52.007; ρ = 1000 kg/m3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(7.74, 7.74, 7.74); Calibrated: 09/05/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- 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 2 2 2/Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.684 W/kg

Configuration/Front of EUT Facing Phantom - Middle 2 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.152 V/m; Power Drift = 0.03 dB
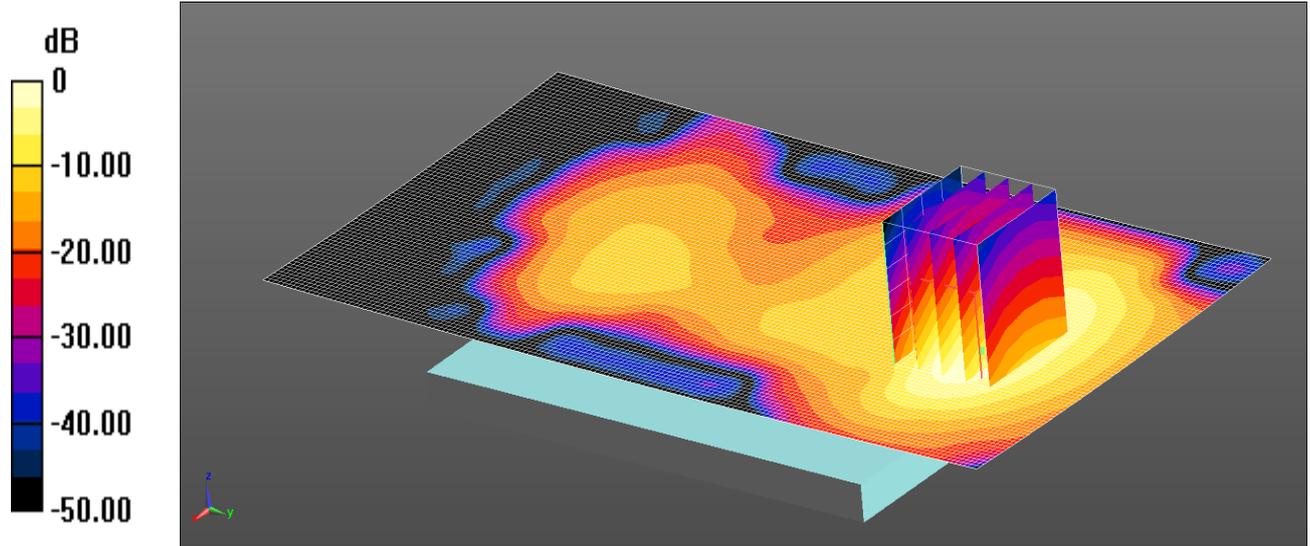Peak SAR (extrapolated) = 0.958 W/kg
SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.321 W/kg
Maximum value of SAR (measured) = 0.640 W/kg

024: Back of EUT Facing Phantom at 15 mm DTM Class 11 CH661
Date: 9/7/14
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.627 W/kg = -2.03 dBW/kg

Communication System: UID 0, DTM 11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.66993
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.494 S/m; εr = 52.007; ρ = 1000 kg/m3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(7.74, 7.74, 7.74); Calibrated: 09/05/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- 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 2 (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.627 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 = 2.837 V/m; Power Drift = -0.13 dB
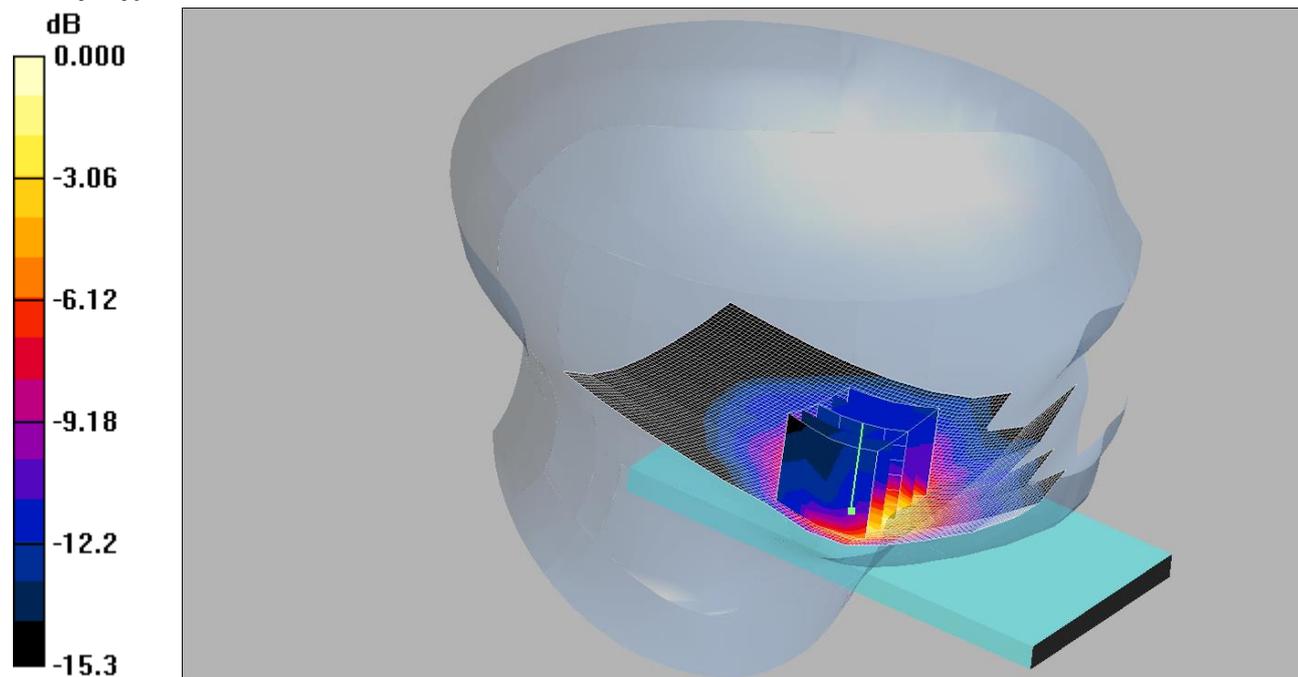Peak SAR (extrapolated) = 0.902 W/kg
SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.297 W/kg
Maximum value of SAR (measured) = 0.581 W/kg

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025: Touch Left UMTS FDD5 CH4183
Date: 09/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.159mW/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; σ = 0.918 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.54, 6.54, 6.54);
- 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) = 0.178 mW/g

Touch Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
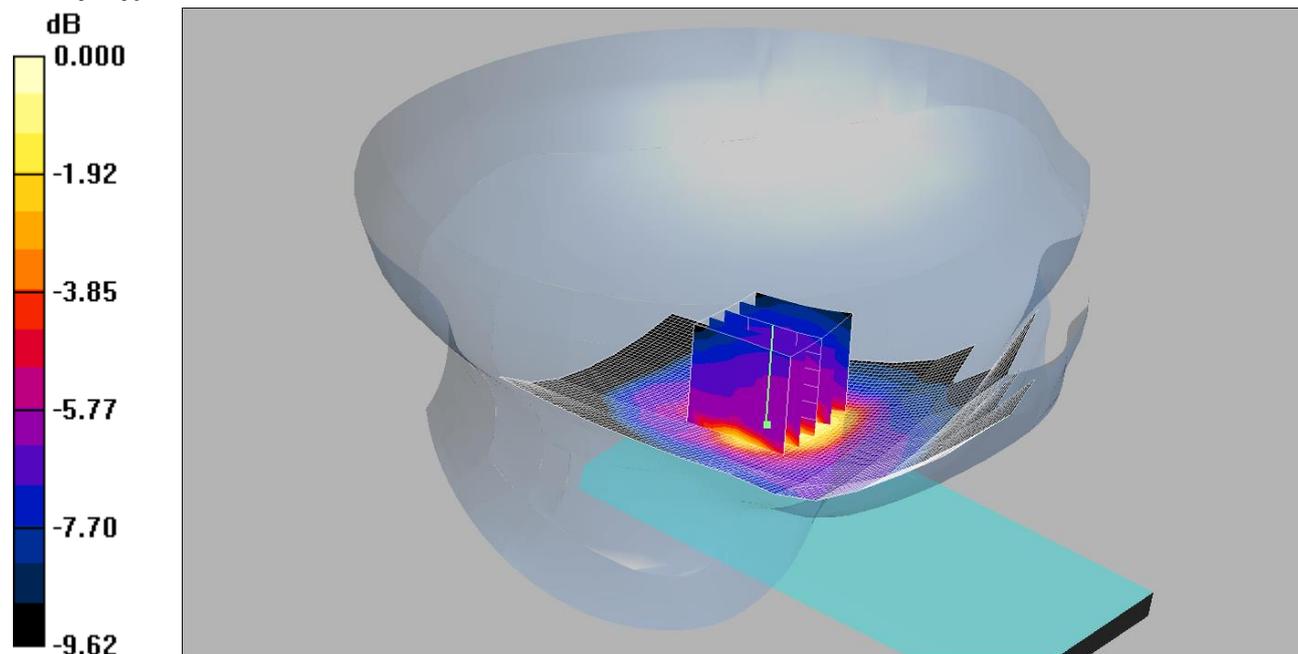Reference Value = 3.02 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.568 W/kg
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.159 mW/g

026: Tilt Left UMTS FDD5 CH4183
Date: 09/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.051mW/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; σ = 0.918 mho/m; ε$_r$ = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.54, 6.54, 6.54);
- 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) = 0.051 mW/g

Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
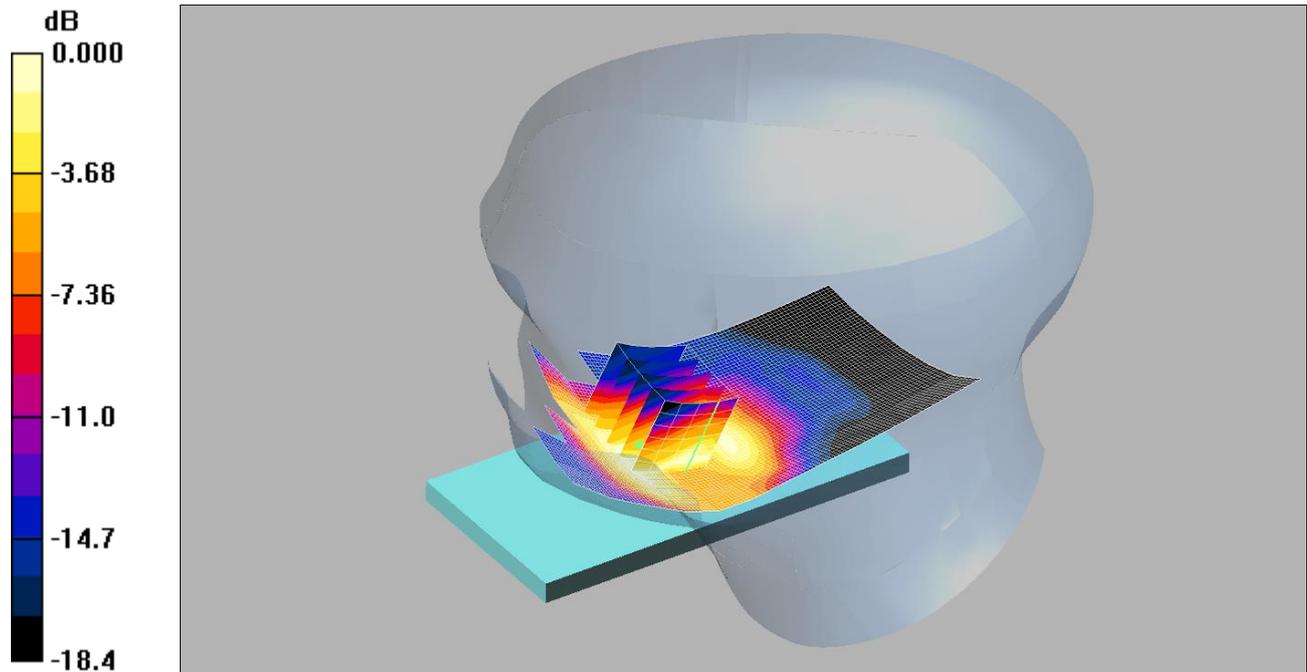Reference Value = 3.68 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.088 W/kg
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.051 mW/g

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

027: Touch Right UMTS FDD5 CH4183
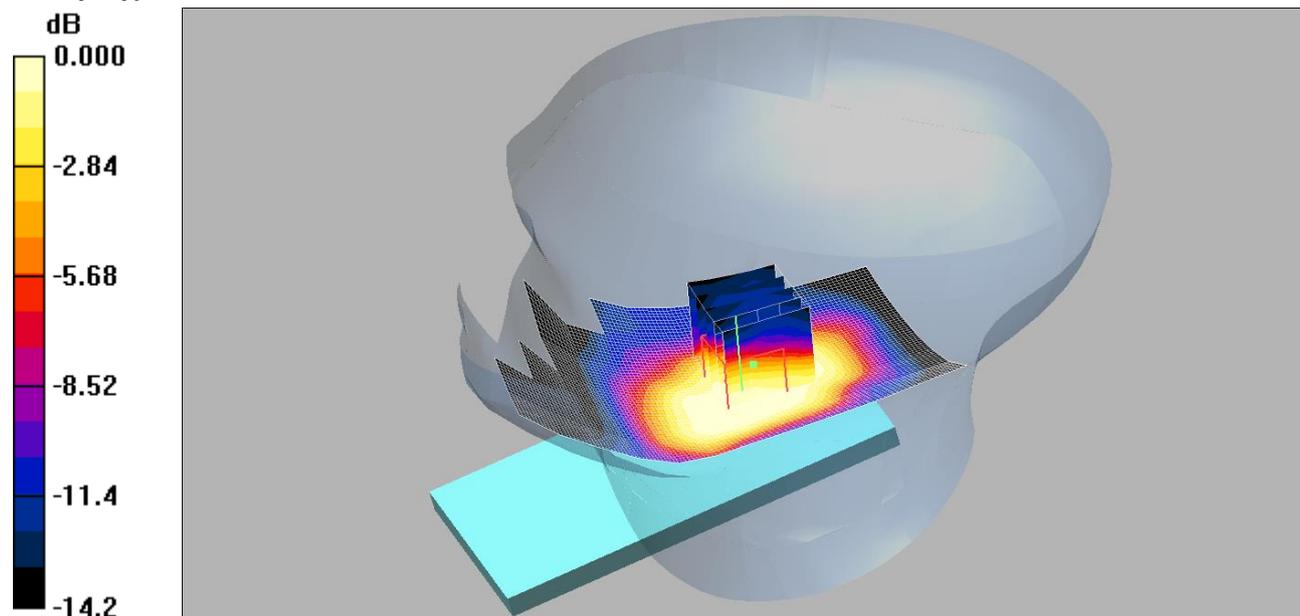Date: 09/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.179mW/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; σ = 0.918 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.54, 6.54, 6.54);
- 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) = 0.179 mW/g

Touch Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.61 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.395 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.179 mW/g

028: Tilt Right UMTS FDD5 CH4183
Date: 09/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.075mW/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; σ = 0.918 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.54, 6.54, 6.54);
- 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
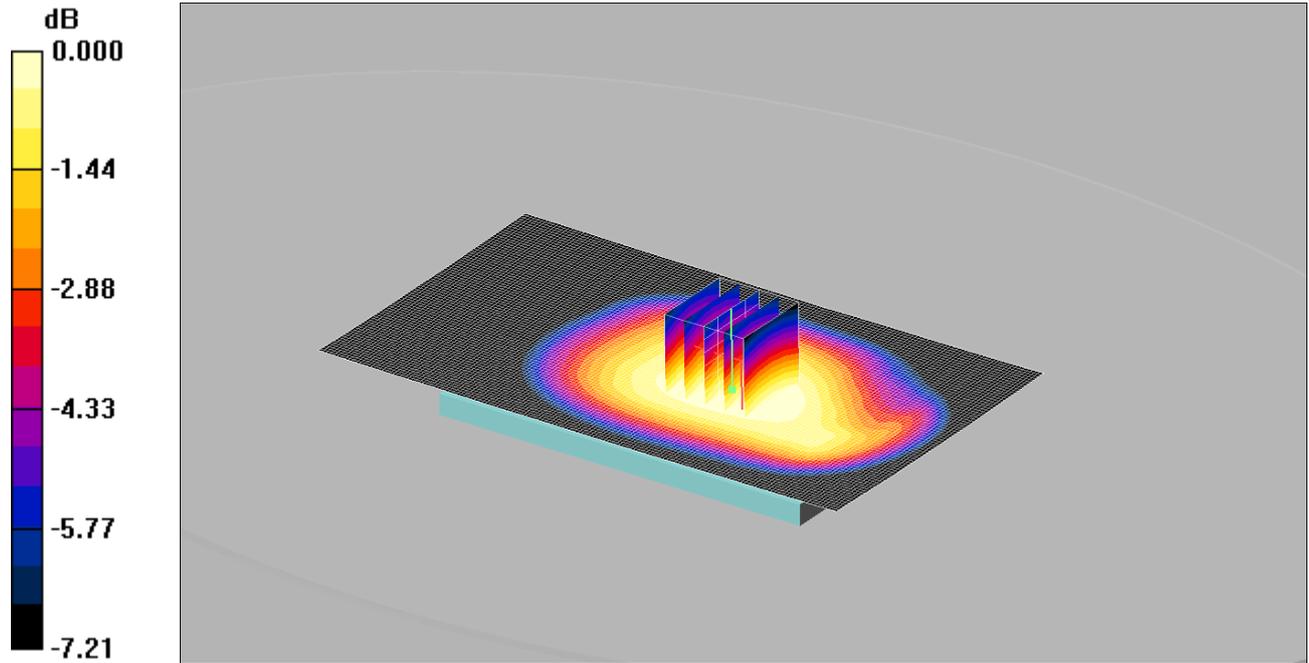Maximum value of SAR (interpolated) = 0.081 mW/g

Tilt Right - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.37 V/m; Power Drift = -0.343 dB
Peak SAR (extrapolated) = 0.088 W/kg
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.075 mW/g

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

029: Front of EUT Facing Phantom UMTS FDD 5 CH4183
Date: 08/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.420mW/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; σ = 0.972 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.22, 6.22, 6.22);
- 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) = 0.423 mW/g
Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 21.8 V/m; Power Drift = -0.017 dB
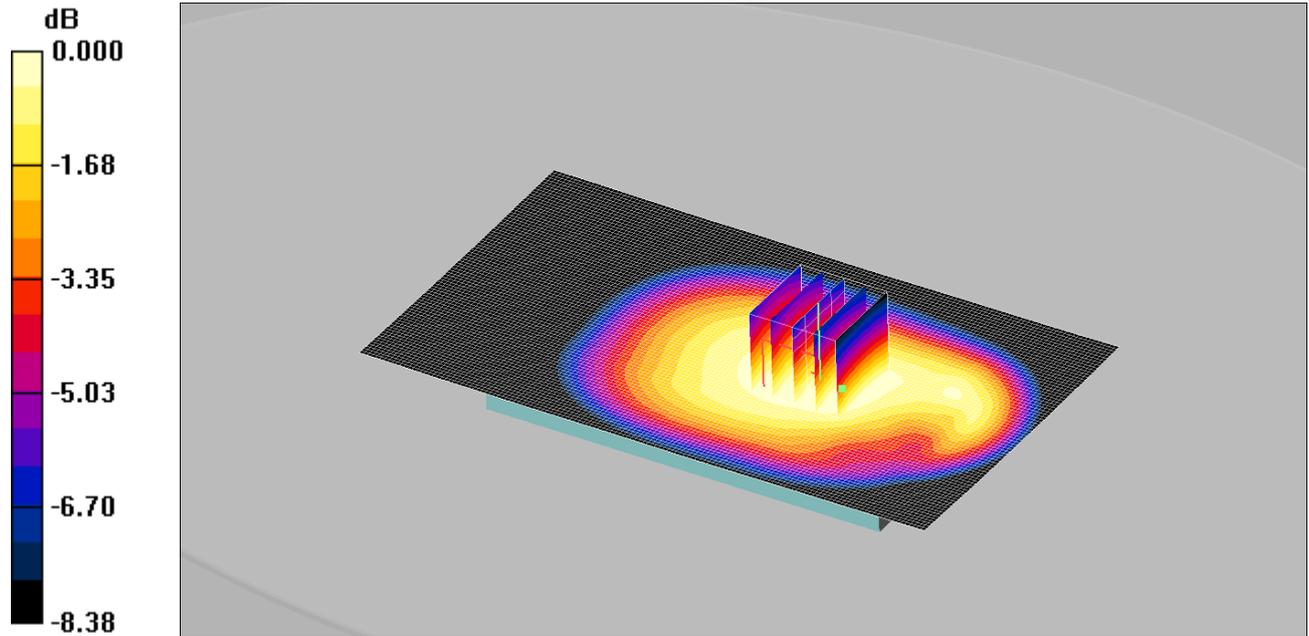Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.324 mW/g
Maximum value of SAR (measured) = 0.420 mW/g

030: Back of EUT Facing Phantom UMTS FDD 5 CH4183
Date: 08/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.445mW/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; σ = 0.972 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.22, 6.22, 6.22);
- 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/Area Scan 2 (81x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.447 mW/g
Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.7 V/m; Power Drift = -0.004 dB
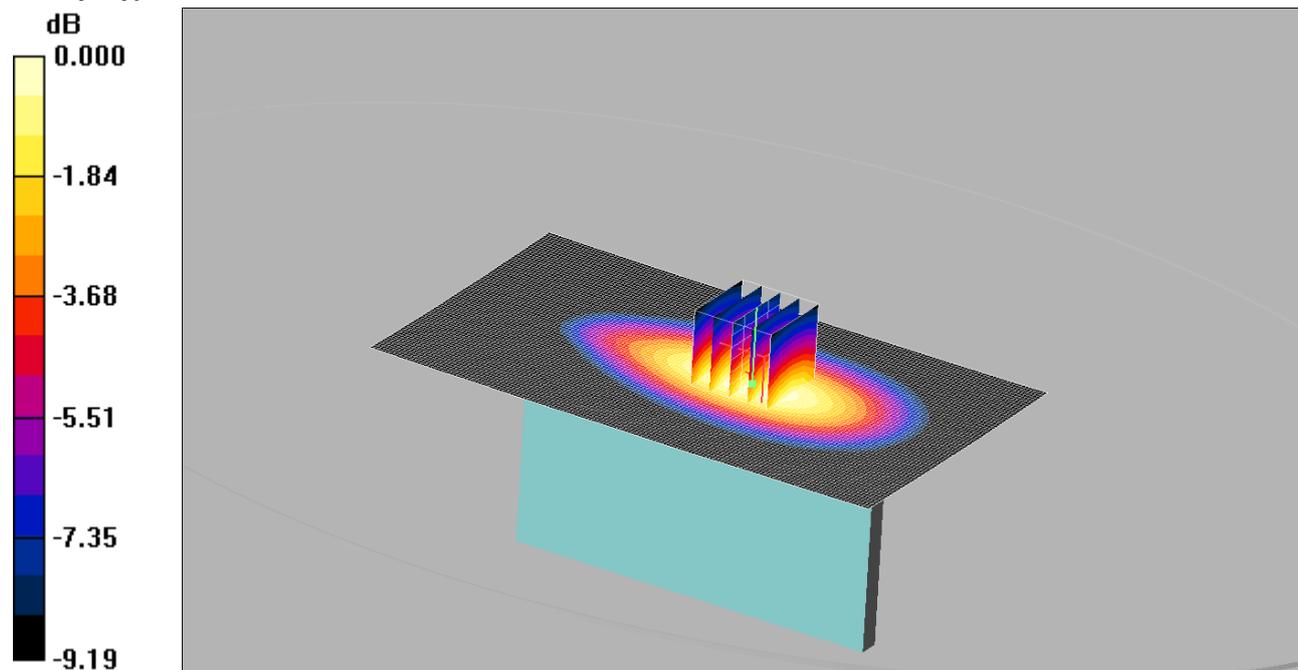Peak SAR (extrapolated) = 0.496 W/kg
SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.336 mW/g
Maximum value of SAR (measured) = 0.445 mW/g

031: Left Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183
Date: 08/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.356mW/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; σ = 0.972 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.22, 6.22, 6.22);
- 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) = 0.358 mW/g
Left of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.8 V/m; Power Drift = 0.038 dB
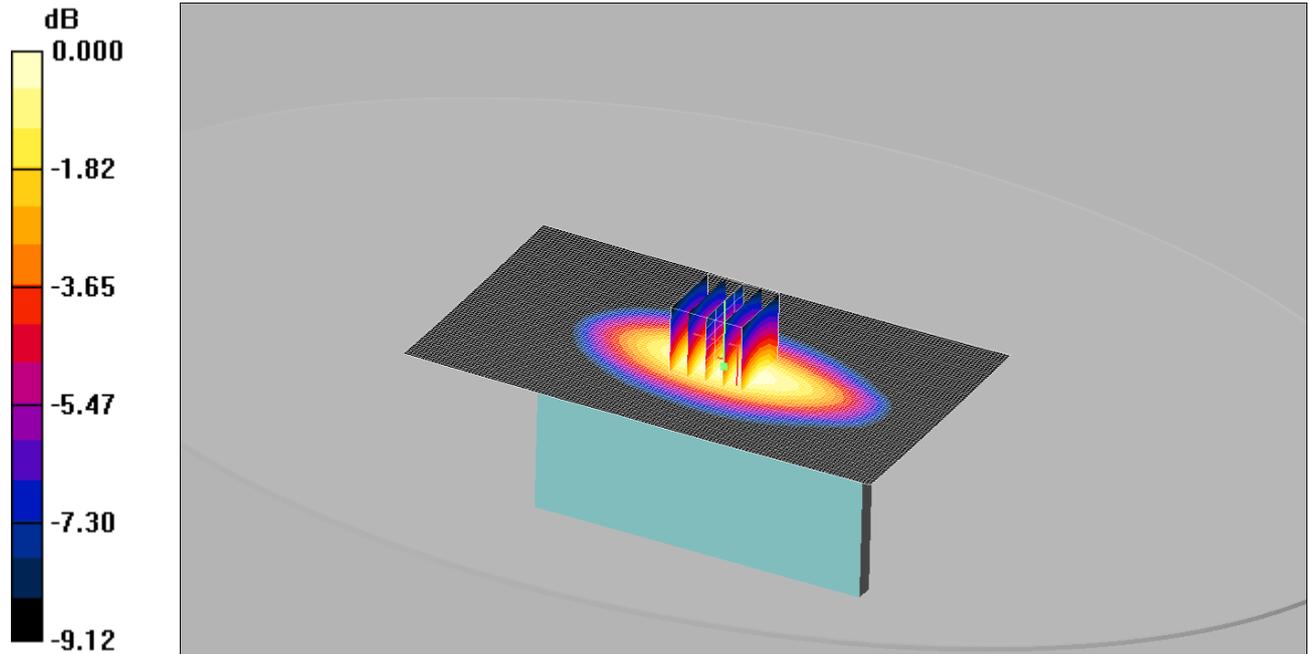Peak SAR (extrapolated) = 0.432 W/kg
SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.231 mW/g
Maximum value of SAR (measured) = 0.356 mW/g

032: Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183
Date: 08/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.560mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.972 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.22, 6.22, 6.22);
- 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) = 0.570 mW/g
Right of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.5 V/m; Power Drift = -0.058 dB
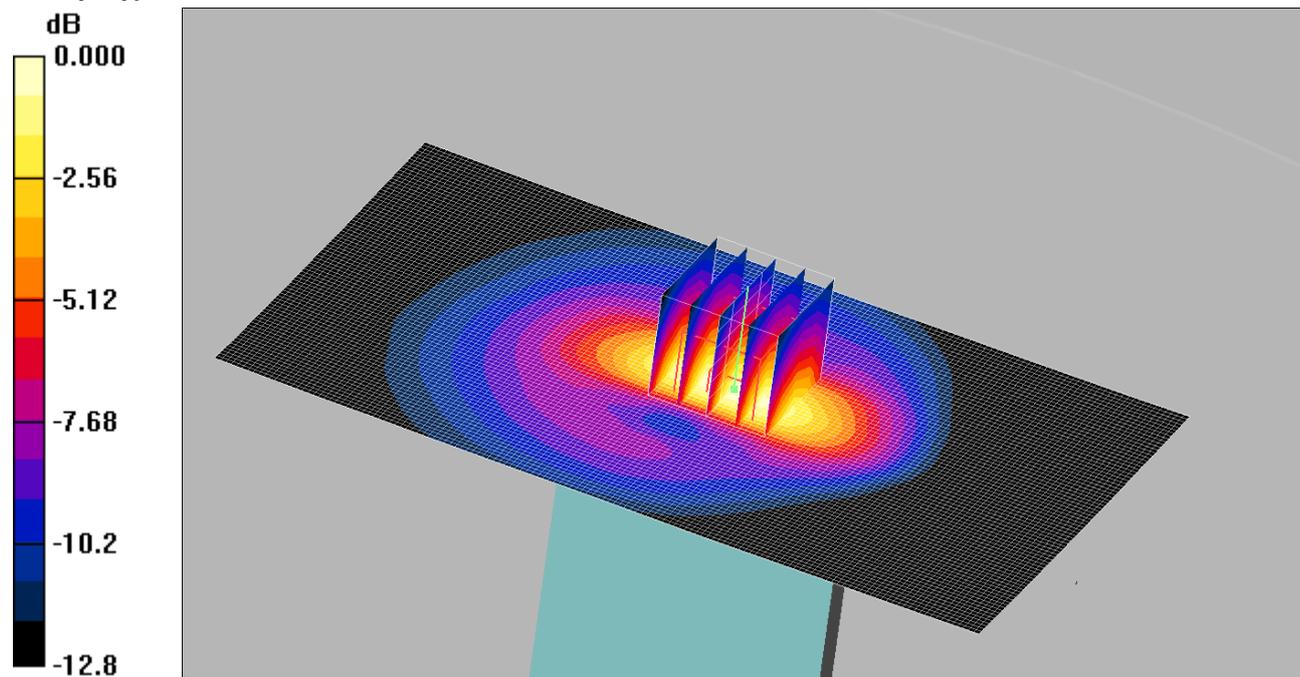Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.364 mW/g
Maximum value of SAR (measured) = 0.560 mW/g

033: Bottom of EUT Facing Phantom UMTS FDD 5 CH4183
Date: 08/07/2014
DUT: Sony; Type: FCC ID: PY7PM-0807

0 dB = 0.158mW/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; σ = 0.972 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.22, 6.22, 6.22);
- 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 (81x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.149 mW/g
Bottom of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.158 mW/g