

APPENDIX 3. SAR DISTRIBUTION SCANS

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

SAR DISTRIBUTION SCANS

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

Scan Reference Number	Title
001	Touch Left GSM850 CH190
002	Tilt Left GSM850 CH190
003	Touch Right GSM850 CH190
004	Tilt Right GSM850 CH190
005	Touch Right GSM850 CH128
006	Touch Right GSM850 CH251
007	Front of EUT Facing Phantom GPRS 850 CH190
008	Back of EUT Facing Phantom GPRS 850 CH190
009	Left of EUT Facing Phantom GPRS 850 CH190
010	Right of EUT Facing Phantom GPRS 850 CH190
011	Bottom of EUT Facing Phantom GPRS 850 CH190
012	Back of EUT Facing Phantom GPRS 850 CH128
013	Back of EUT Facing Phantom GPRS 850 CH251
014	Front of EUT Facing Phantom GSM 850 CH190
015	Back of EUT Facing Phantom GSM 850 CH190
016	Back of EUT Facing Phantom GSM 850 CH128
017	Back of EUT Facing Phantom GSM 850 CH251
018	Touch Left Phantom PCS 1900 CH661
019	Tilt Left Phantom PCS 1900 CH661
020	Touch Right Phantom PCS 1900 CH661
021	Tilt Right Phantom PCS 1900 CH661
022	Touch Right Phantom PCS 1900 CH512
023	Touch Right Phantom PCS 1900 CH810
024	Front of EUT Facing Phantom GPRS 1900 CH661
025	Front of EUT Facing Phantom GPRS 1900 CH512
026	Back of EUT Facing Phantom GPRS 1900 CH661
027	Left of EUT Facing Phantom GPRS 1900 CH661
028	Right of EUT Facing Phantom GPRS 1900 CH661
029	Bottom of EUT Facing Phantom GPRS 1900 CH661
030	Front of EUT Facing Phantom GPRS 1900 CH810
031	Bottom of EUT Facing Phantom GPRS 1900 CH810
032	Bottom of EUT Facing Phantom GPRS 1900 CH512

SAR Distribution Scans (Continued):

Scan Reference Number	Title
033	Front of EUT Facing Phantom PCS 1900 CH661
034	Back of EUT Facing Phantom PCS 1900 CH661
035	Back of EUT Facing Phantom PCS 1900 CH512
036	Back of EUT Facing Phantom PCS 1900 CH810
037	Touch Left UMTS FDD 2 CH9400
038	Tilt Left UMTS FDD 2 CH9400
039	Touch Right UMTS FDD 2 CH9400
040	Tilt Right UMTS FDD 2 CH9400
041	Touch Left UMTS FDD 2 CH9262
042	Touch Left UMTS FDD 2 CH9538
043	Front of EUT Facing Phantom UMTS FDD 2 CH9400
044	Back of EUT Facing Phantom UMTS FDD 2 CH9400
045	Left Hand Side of EUT Facing Phantom UMTS FDD 2 CH9400
046	Right Hand Side of EUT Facing Phantom UMTS FDD 2 CH9400
047	Bottom of EUT Facing Phantom UMTS FDD 2 CH9400
048	Back of EUT Facing Phantom UMTS FDD 2 CH9262
049	Back of EUT Facing Phantom UMTS FDD 2 CH9538
050	Front of EUT Facing Phantom at 15mm UMTS FDD 2 CH9538
051	Back of EUT Facing Phantom at 15mm UMTS FDD 2 CH9538
052	Front of EUT Facing Phantom at 15mm UMTS FDD 2 CH9262
053	Front of EUT Facing Phantom at 15mm UMTS FDD 2 CH9400
054	Touch Left UMTS FDD 4 CH1412
055	Tilt Left UMTS FDD 4 CH1412
056	Touch Right UMTS FDD 4 CH1412
057	Tilt Right UMTS FDD 4 CH1412
058	Touch Right UMTS FDD 4 CH1312
059	Touch Right UMTS FDD 4 CH1513
060	Front EUT Facing Phantom UMTS FDD 4 CH1412
061	Front EUT Facing Phantom UMTS FDD 4 CH1312
062	Front EUT Facing Phantom UMTS FDD 4 CH1513
063	Back EUT Facing Phantom UMTS FDD 4 CH1412
064	Back EUT Facing Phantom UMTS FDD 4 CH1312
065	Back EUT Facing Phantom UMTS FDD 4 CH1513
066	Left Hand Side EUT Facing Phantom UMTS FDD 4 CH1412
067	Right Hand Side EUT Facing Phantom UMTS FDD 4 CH1412
068	Bottom EUT Facing Phantom UMTS FDD 4 CH1412

SAR Distribution Scans (Continued):

Scan Reference Number	Title
069	Touch Left UMTS FDD 5 CH4183
070	Tilt Left UMTS FDD 5 CH4183
071	Touch Right UMTS FDD 5 CH4183
072	Tilt Right UMTS FDD 5 CH4183
073	Touch Right UMTS FDD 5 CH4132
074	Touch Right UMTS FDD 5 CH4233
075	Front of EUT Facing Phantom UMTS FDD 5 CH4183
076	Back of EUT Facing Phantom UMTS FDD 5 CH4183
077	Left Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183
078	Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183
079	Bottom of EUT Facing Phantom UMTS FDD 5 CH4183
080	Front of EUT Facing Phantom UMTS FDD 5 CH4132
081	Front of EUT Facing Phantom UMTS FDD 5 CH4233
082	Touch Left LTE Band 2 20MHz 1RB-Middle CH18700
083	Touch Left LTE Band 2 20MHz 50%RB-Middle CH18700
084	Tilt Left LTE Band 2 20MHz 1RB-Middle CH18700
085	Tilt Left LTE Band 2 20MHz 50%RB-Middle CH18700
086	Touch Right LTE Band 2 20MHz 1RB-Middle CH18700
087	Touch Right LTE Band 2 20MHz 50%RB-Low CH18700
088	Tilt Right LTE Band 2 20MHz 1RB-Middle CH18700
089	Tilt Right LTE Band 2 20MHz 50%RB-Middle CH18700
090	Touch Left LTE Band 2 20MHz 1RB-Middle CH18900
091	Touch Left LTE Band 2 20MHz 1RB-Middle CH19100
092	Front of EUT Facing Phantom LTE Band 2 20MHz 1RB Middle CH18700
093	Front of EUT Facing Phantom LTE Band 2 20MHz 50%RB Middle CH18700
094	Back of EUT Facing Phantom LTE Band 2 20MHz 1RB Middle CH18700
095	Back of EUT Facing Phantom LTE Band 2 20MHz 1RB Middle CH18900
096	Back of EUT Facing Phantom LTE Band 2 20MHz 1RB Middle CH19100
097	Back of EUT Facing Phantom LTE Band 2 20MHz 50%RB Middle CH18700
098	Back of EUT Facing Phantom LTE Band 2 20MHz 100%RB CH19100

SAR Distribution Scans (Continued):

Scan Reference Number	Title
099	Left of EUT Facing Phantom LTE Band 2 20MHz 1RB Middle CH18700
100	Left of EUT Facing Phantom LTE Band 2 20MHz 50%RB Middle CH18700
101	Right of EUT Facing Phantom LTE Band 2 20MHz 1RB Middle CH18700
102	Right of EUT Facing Phantom LTE Band 2 20MHz 50%RB Middle CH18700
103	Bottom of EUT Facing Phantom LTE Band 2 20MHz 1RB Middle CH18700
104	Bottom of EUT Facing Phantom LTE Band 2 20MHz 50%RB Middle CH18700
105	Touch Left LTE Band 4 20MHz 1RB Middle CH20300
106	Touch Left LTE Band 4 20MHz 50%RB Middle CH20175
107	Tilt Left LTE Band 4 20MHz 1RB Middle CH20300
108	Tilt Left LTE Band 4 20MHz 50%RB Middle CH20175
109	Touch Right LTE Band 4 20MHz 1RB Middle CH20300
110	Touch Right LTE Band 4 20MHz 50%RB Middle CH20175
111	Tilt Right LTE Band 4 20MHz 1RB Middle CH20300
112	Tilt Right LTE Band 4 20MHz 50%RB Middle CH20175
113	Touch Left LTE Band 4 20MHz 1RB Middle CH20050
114	Touch Left LTE Band 4 20MHz 1RB Middle CH20175
115	Front EUT Facing Phantom LTE Band 4 1RB Mid CH20300
116	Front EUT Facing Phantom LTE Band 4 50%RB Mid CH20175
117	Back of EUT Facing Phantom LTE Band 4 1RB Mid CH20300
118	Back of EUT Facing Phantom LTE Band 4 1RB Mid CH20050
119	Back of EUT Facing Phantom LTE Band 4 1RB Mid CH20175
120	Back of EUT Facing Phantom LTE Band 4 50%RB Mid CH20175
121	Left Hand Side of EUT Facing Phantom LTE Band 4 1RB Mid CH20300
122	Left Hand Side of EUT Facing Phantom LTE Band 4 50%RB Mid CH20175
123	Right Hand Side of EUT Facing Phantom LTE Band 4 1RB Mid CH20300
124	Right Hand Side of EUT Facing Phantom LTE Band 4 50%RB Mid CH20175
125	Bottom of EUT Facing Phantom LTE Band 4 1RB Mid CH20300
126	Bottom of EUT Facing Phantom LTE Band 4 50%RB Mid CH20175
127	Back of EUT Facing Phantom LTE Band 4 100%RB CH20300
128	Touch Left LTE Band 12 1RB Low CH23060
129	Touch Left LTE Band 12 50%RB High CH23060
130	Tilt Left LTE Band 12 1RB Low CH23060
131	Tilt Left LTE Band 12 50%RB High CH23060

SAR Distribution Scans (Continued):

Scan Reference Number	Title
132	Touch Right LTE Band 12 1RB Low CH23060
133	Touch Right LTE Band 12 50%RB High CH23060
134	Tilt Right LTE Band 12 1RB Low CH23060
135	Tilt Right LTE Band 12 50%RB High CH23060
136	Touch Right LTE Band 12 1RB Low CH23095
137	Touch Right LTE Band 12 1RB Low CH23130
138	Front of EUT Facing Phantom LTE Band 12 1RB Low CH23060
139	Front of EUT Facing Phantom LTE Band 12 50%RB High CH23060
140	Back of EUT Facing Phantom LTE Band 12 1RB Low CH23060
141	Back of EUT Facing Phantom LTE Band 12 50%RB High CH23060
142	Left hand Side of EUT Facing Phantom LTE Band 12 1RB Low CH23060
143	Left hand Side of EUT Facing Phantom LTE Band 12 50%RB High CH23060
144	Right hand Side of EUT Facing Phantom LTE Band 12 1RB Low CH23060
145	Right hand Side of EUT Facing Phantom LTE Band 12 50%RB High CH23060
146	Bottom of EUT Facing Phantom LTE Band 12 1RB Low CH23060
147	Bottom of EUT Facing Phantom LTE Band 12 50%RB High CH23060
148	Back of EUT Facing Phantom LTE Band 12 1RB Low CH23095
149	Back of EUT Facing Phantom LTE Band 12 1RB Low CH23130
150	Touch Left Wi-Fi 802.11b 1Mbps CH6
151	Tilt Left Wi-Fi 802.11b 1Mbps CH6
152	Touch Right Wi-Fi 802.11b 1Mbps CH6
153	Tilt Right Wi-Fi 802.11b 1Mbps CH6
154	Touch Right Wi-Fi 802.11b 1Mbps CH1
155	Touch Right Wi-Fi 802.11b 1Mbps CH11
156	Front Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
157	Back Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
158	Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
159	Top Side Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
160	Front Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH1
161	Front Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH11
162	Front of EUT Facing Phantom at 15mm Wi-Fi 802.11b 1Mbps CH6
163	Back of EUT Facing Phantom at 15mm Wi-Fi 802.11b 1Mbps CH6
164	Front of EUT Facing Phantom 15mm Wi-Fi 802.11b 1Mbps CH1
165	Front of EUT Facing Phantom 15mm Wi-Fi 802.11b 1Mbps CH11
166	Front of EUT Facing Phantom 0mm Power Backoff Enabled Wi-Fi 802.11b 1Mbps CH6
167	Front of EUT Facing Phantom 18mm Power Backoff Disabled Wi-Fi 802.11b 1Mbps CH6

SAR Distribution Scans (Continued):

Scan Reference Number	Title
168	Touch Left WLAN 802.11a HT20 CH48
169	Tilt Left WLAN 802.11a HT20 CH48
170	Touch Right WLAN 802.11a HT20 CH48
171	Tilt Right WLAN 802.11a HT20 CH48
172	Touch Right WLAN 802.11a HT20 CH52
173	Touch Right WLAN 802.11a HT20 CH104
174	Touch Right WLAN 802.11a HT20 CH149
175	Touch Right WLAN 802.11n 20MHz CH48
176	Touch Right WLAN 802.11n 20MHz CH64
177	Touch Right WLAN 802.11n 20MHz CH112
178	Touch Right WLAN 802.11n 20MHz CH149
179	Touch Right WLAN 802.11ac 40MHz CH38
180	Touch Right WLAN 802.11ac 40MHz CH54
181	Touch Right WLAN 802.11ac 40MHz CH134
182	Touch Right WLAN 802.11ac 40MHz CH151
183	Touch Right WLAN 802.11ac 80MHz CH42
184	Touch Right WLAN 802.11ac 80MHz CH58
185	Touch Right WLAN 802.11ac 80MHz CH106
186	Touch Right WLAN 802.11ac 80MHz CH155
187	Front Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48
188	Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48
189	Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48
190	Top Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48
191	Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH52
192	Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH104
193	Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH149
194	Back Of EUT Facing Phantom WLAN 802.11n 20MHz CH48
195	Back Of EUT Facing Phantom WLAN 802.11n 20MHz CH64
196	Back Of EUT Facing Phantom WLAN 802.11n 20MHz CH112
197	Back Of EUT Facing Phantom WLAN 802.11n 20MHz CH149
198	Back Of EUT Facing Phantom Wi-Fi 802.11ac 40MHz 13.5Mbps CH38
199	Back Of EUT Facing Phantom Wi-Fi 802.11ac 40MHz 13.5Mbps CH54
200	Back Of EUT Facing Phantom Wi-Fi 802.11ac 40MHz 13.5Mbps CH134
201	Back Of EUT Facing Phantom Wi-Fi 802.11ac 40MHz 13.5Mbps CH151
202	Back Of EUT Facing Phantom Wi-Fi 802.11ac 80MHz 13.5Mbps CH42
203	Back Of EUT Facing Phantom Wi-Fi 802.11ac 80MHz 29.3Mbps CH58
204	Back Of EUT Facing Phantom Wi-Fi 802.11ac 80MHz 29.3Mbps CH106
205	Back Of EUT Facing Phantom Wi-Fi 802.11ac 80MHz 29.3Mbps CH155

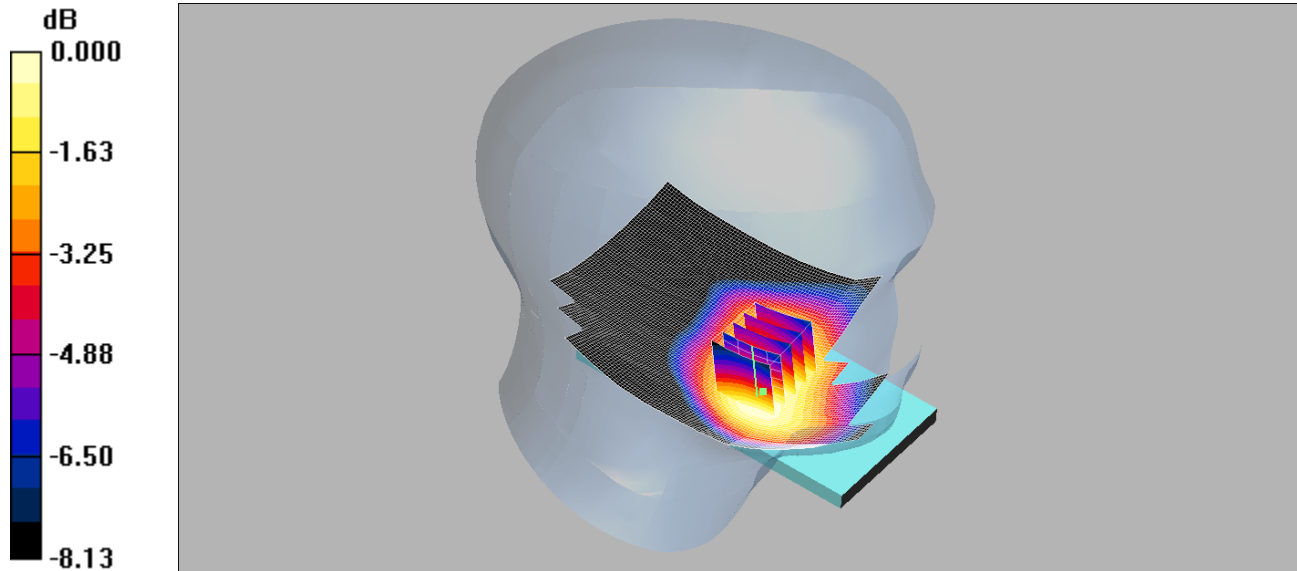
SAR Distribution Scans (Continued):

Scan Reference Number	Title
206	System Performance Check 750MHz Body 29 05 14
207	System Performance Check 750MHz Body 29 05 14
208	System Performance Check 900MHz Head 27 05 14
209	System Performance Check 900MHz Body 27 05 14
210	System Performance Check 1800MHz Head 27 05 14
211	System Performance Check 1800MHz Body 27 05 14
212	System Performance Check 1900MHz Head 27 05 14
213	System Performance Check 1900MHz Body 27 05 14
214	System Performance Check 1900MHz Body 29 05 14
215	System Performance Check 2450MHz Head 30 05 14
216	System Performance Check 2450MHz Body 02 06 14
217	System Performance Check 5200 MHz Head 02 06 14
218	System Performance Check 5200 MHz Head 08 07 14
219	System Performance Check 5500 MHz Head 02 06 14
220	System Performance Check 5500 MHz Head 08 07 14
221	System Performance Check 5800 MHz Head 02 06 14
222	System Performance Check 5800 MHz Head 08 07 14
223	System Performance Check 5200 MHz Body 05 06 14
224	System Performance Check 5200 MHz Body 09 06 14
225	System Performance Check 5200 MHz Body 08 07 14
226	System Performance Check 5500 MHz Body 05 06 14
227	System Performance Check 5500 MHz Body 09 06 14
228	System Performance Check 5500 MHz Body 08 07 14
229	System Performance Check 5800 MHz Body 05 06 14
230	System Performance Check 5800 MHz Body 09 06 14
231	System Performance Check 5800 MHz Body 08 07 14

001: Touch Left GSM850 CH190

Date: 27/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.115mW/g

Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(10.19, 10.19, 10.19);
- Sensor-Surface: 2.5mm (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 (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.116 mW/g

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

Reference Value = 2.43 V/m; Power Drift = 0.206 dB

Peak SAR (extrapolated) = 0.129 W/kg

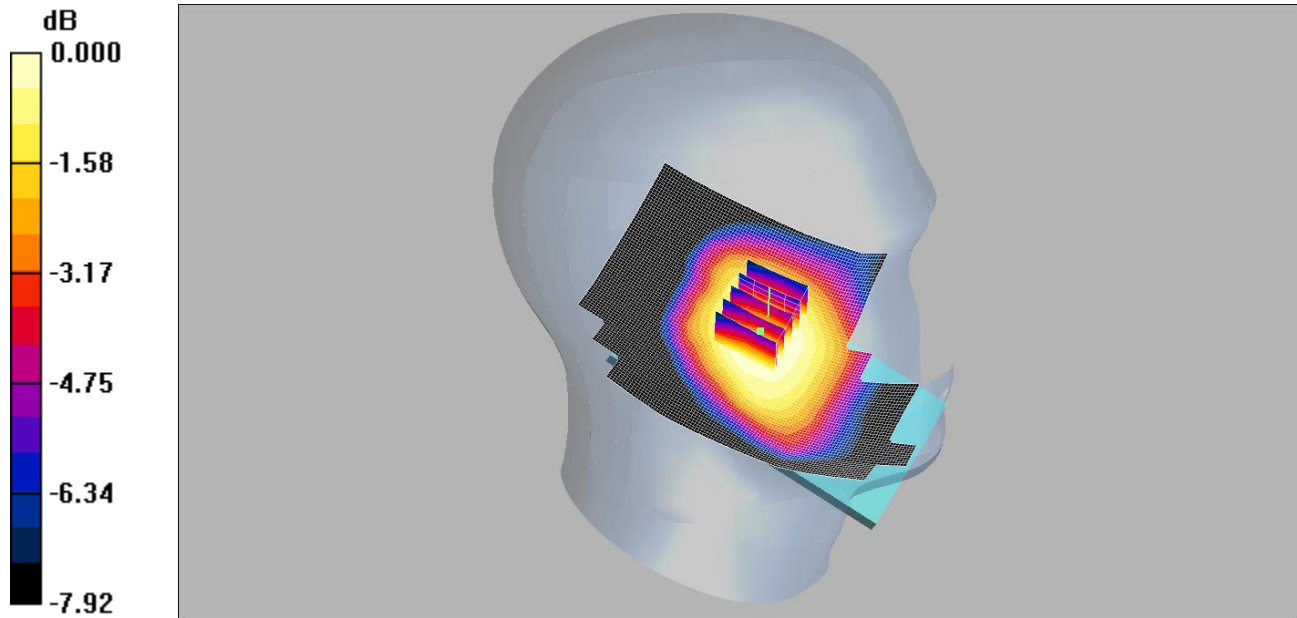
SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.115 mW/g

002: Tilt Left GSM850 CH190

Date: 27/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.063mW/g

Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.067 mW/g

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

Reference Value = 4.99 V/m; Power Drift = -0.196 dB

Peak SAR (extrapolated) = 0.072 W/kg

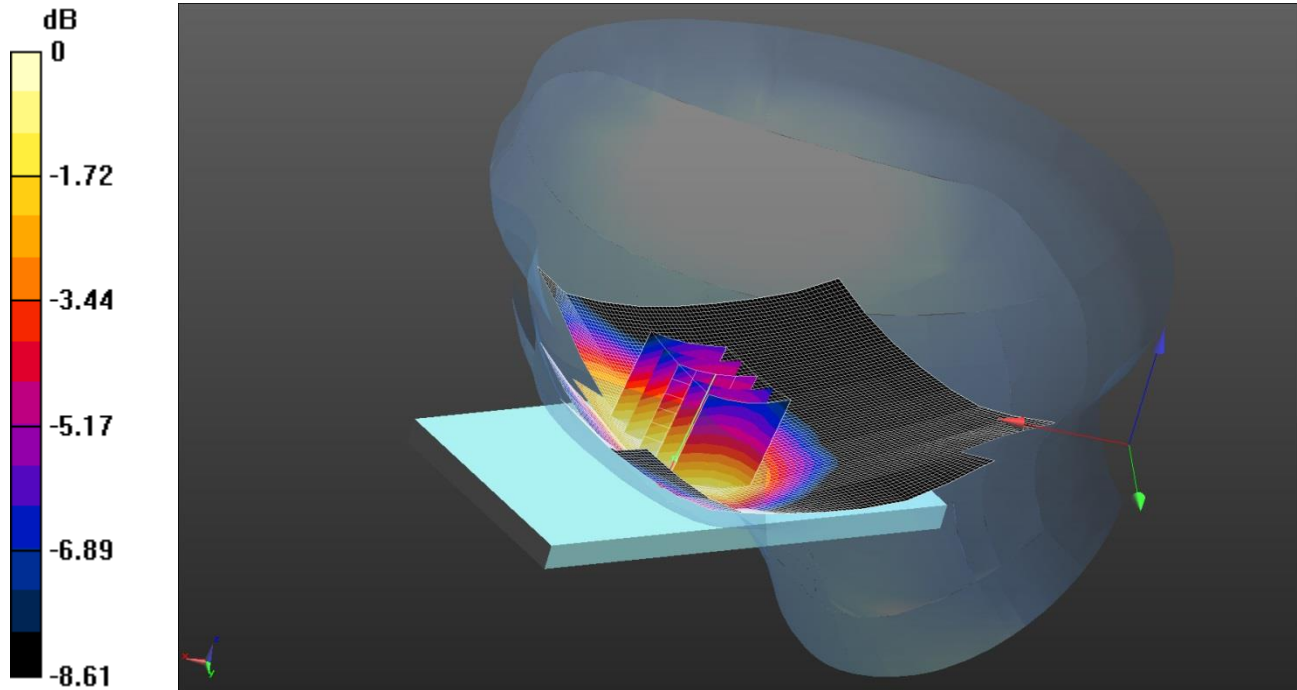
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.063 mW/g

003: Touch Right GSM850 CH190

Date: 27/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.139mW/g

Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.143 mW/g

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

Reference Value = 12.8 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.161 W/kg

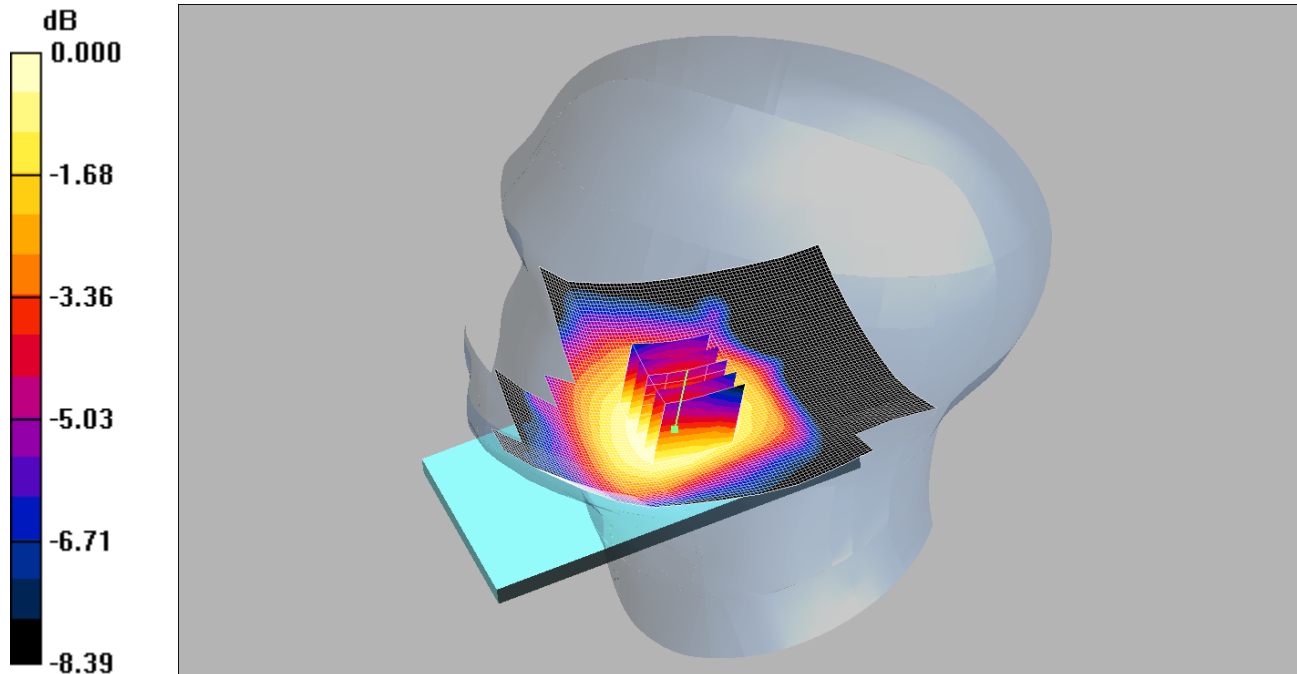
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.139 mW/G

004: Tilt Right GSM850 CH190

Date: 27/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.071mW/g

Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.074 mW/g

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

Reference Value = 8.98 V/m; Power Drift = -0.186 dB

Peak SAR (extrapolated) = 0.080 W/kg

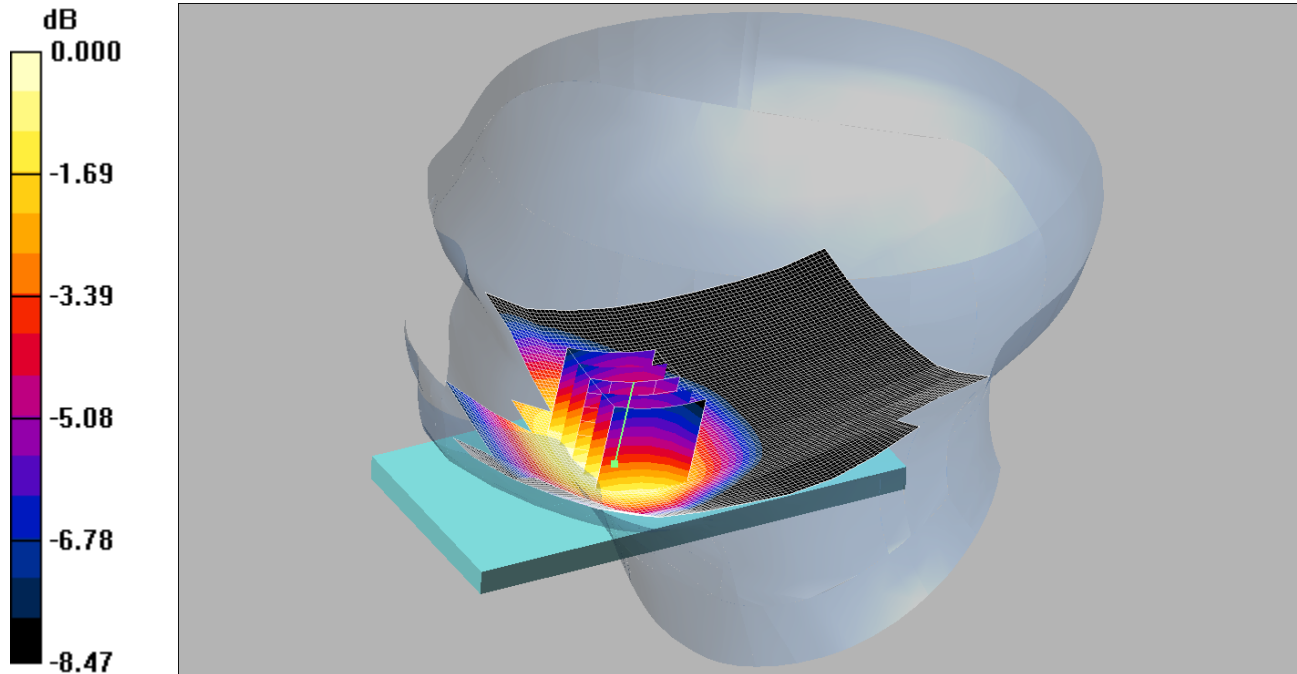
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.054 mW/g

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

005: Touch Right GSM850 CH128

Date: 27/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.168mW/g

Communication System: GSM 850 MHz; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.892$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

Touch Right - Low/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.174 mW/g

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

Reference Value = 13.1 V/m; Power Drift = -0.169 dB

Peak SAR (extrapolated) = 0.197 W/kg

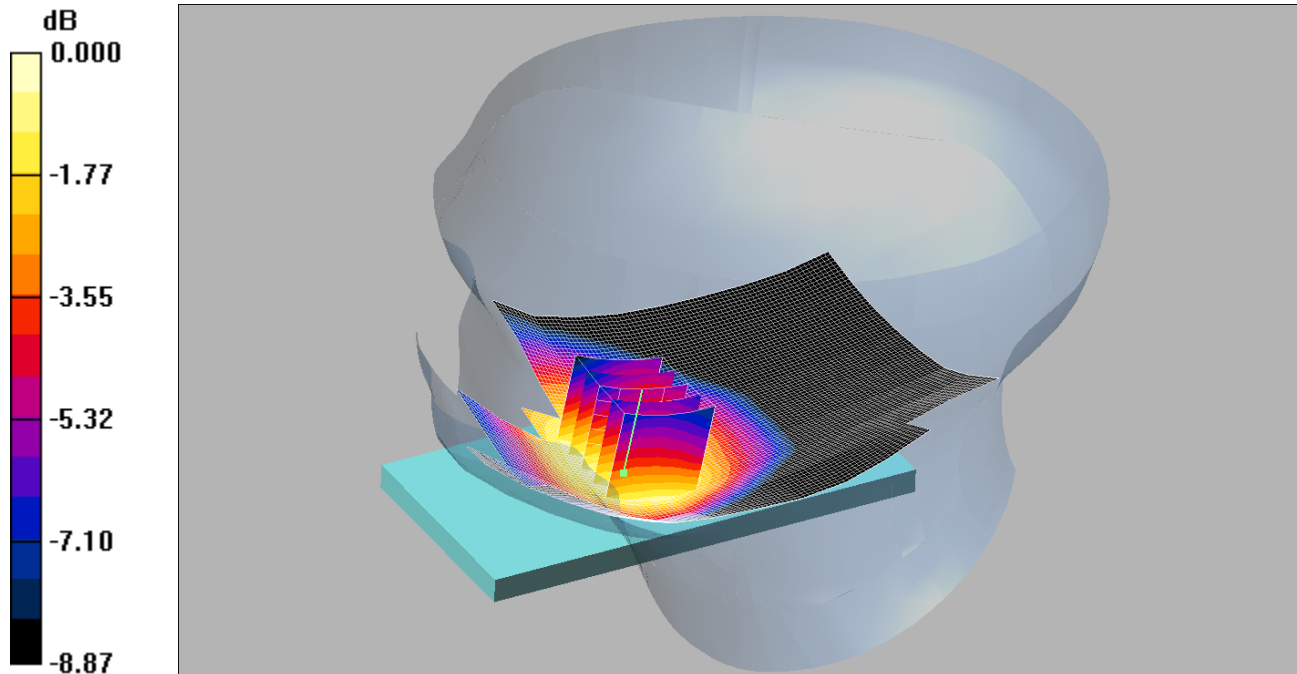
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.125 mW/g

Maximum value of SAR (measured) = 0.168 mW/g

006: Touch Right GSM850 CH251

Date: 27/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.121mW/g

Communication System: GSM 850 MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

Touch Right - High/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.122 mW/g

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

Reference Value = 3.15 V/m; Power Drift = -0.190 dB

Peak SAR (extrapolated) = 0.141 W/kg

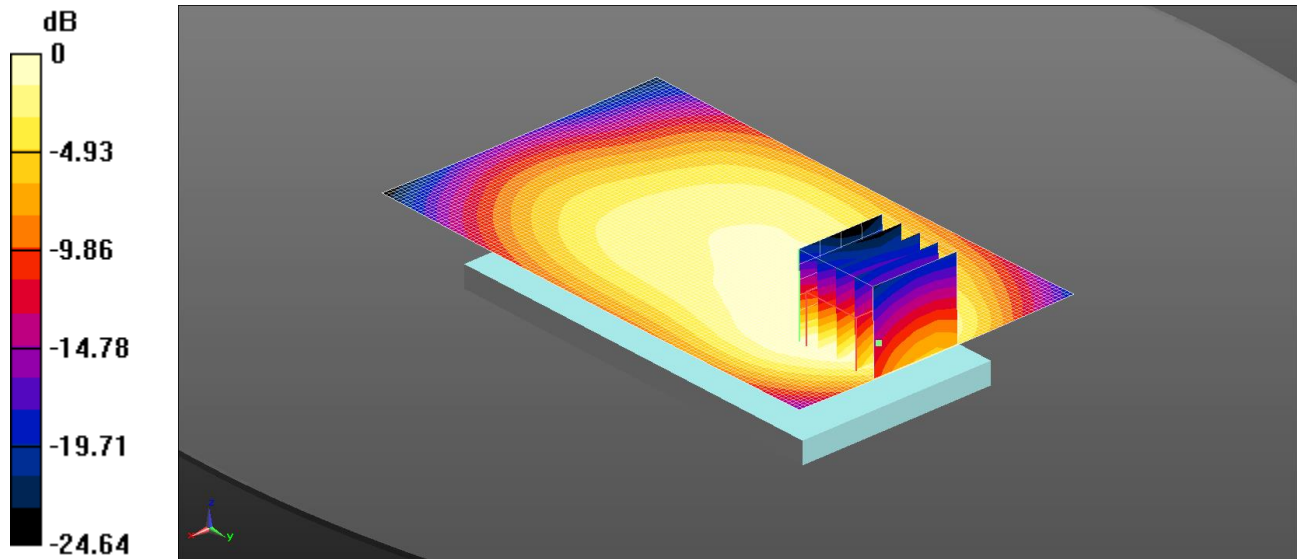
SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.121 mW/g

007: Front of EUT Facing Phantom GPRS 850 CH190

Date: 28-05-14

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.323 W/kg = -4.90 dBW/kg

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

Medium: MSL900 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.043$ S/m; $\epsilon_r = 53.323$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15); Calibrated: 08-01-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18-11-13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Front of EUT Facing Phantom (Middle)/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.323 W/kg

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

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

Reference Value = 15.000 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.498 W/kg

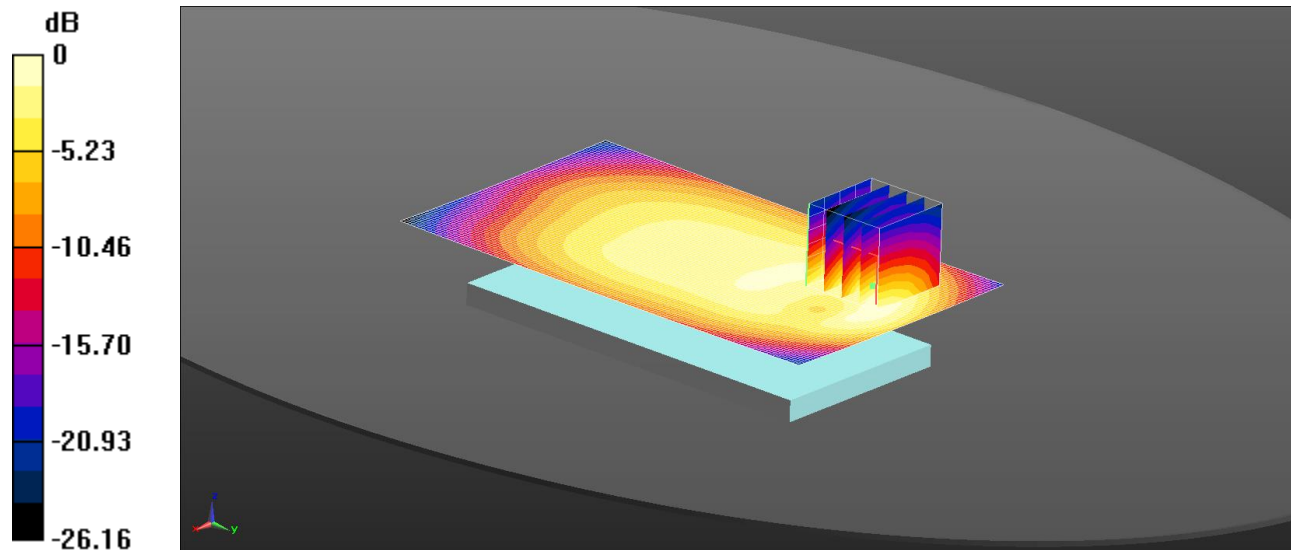
SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.332 W/kg

008: Back of EUT Facing Phantom GPRS 850 CH190

Date: 28-05-14

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.468 W/kg = -3.29 dBW/kg

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

Medium: MSL900 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.043$ S/m; $\epsilon_r = 53.323$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15); Calibrated: 08-01-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18-11-13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Back of EUT Facing Phantom (Middle)/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.468 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 = 16.303 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.723 W/kg

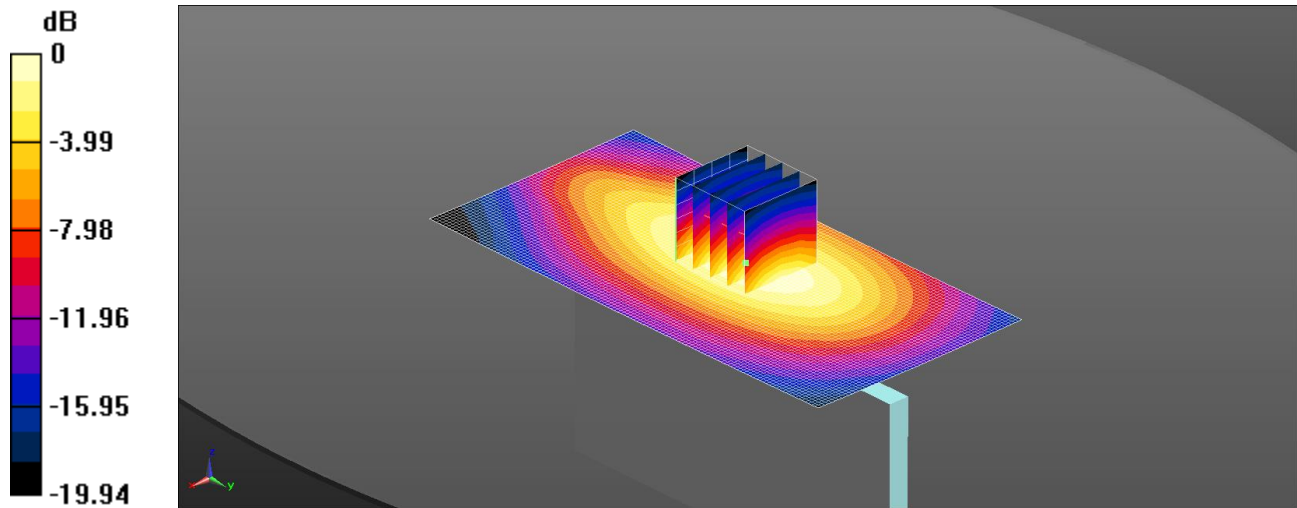
SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.458 W/kg

009: Left of EUT Facing Phantom GPRS 850 CH190

Date: 28-05-14

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.201 W/kg = -6.97 dBW/kg

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

Medium: MSL900 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.043$ S/m; $\epsilon_r = 53.323$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15); Calibrated: 08-01-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18-11-13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Left of EUT Facing Phantom (Middle)/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.201 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 = 14.142 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.259 W/kg

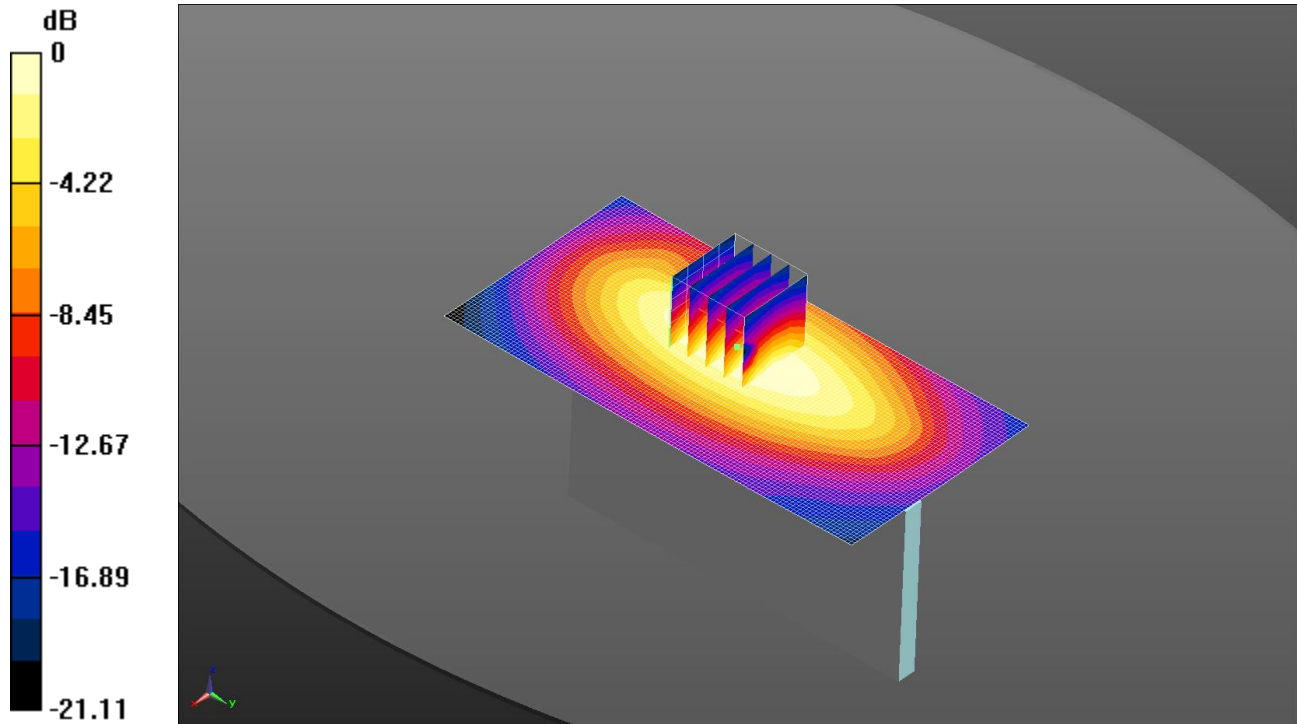
SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.199 W/kg

010: Right of EUT Facing Phantom GPRS 850 CH190

Date: 28-05-14

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



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

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

Medium: MSL900 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.043$ S/m; $\epsilon_r = 53.323$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15); Calibrated: 08-01-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18-11-13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Right of EUT Facing Phantom (Middle)/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.404 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 = 19.871 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.531 W/kg

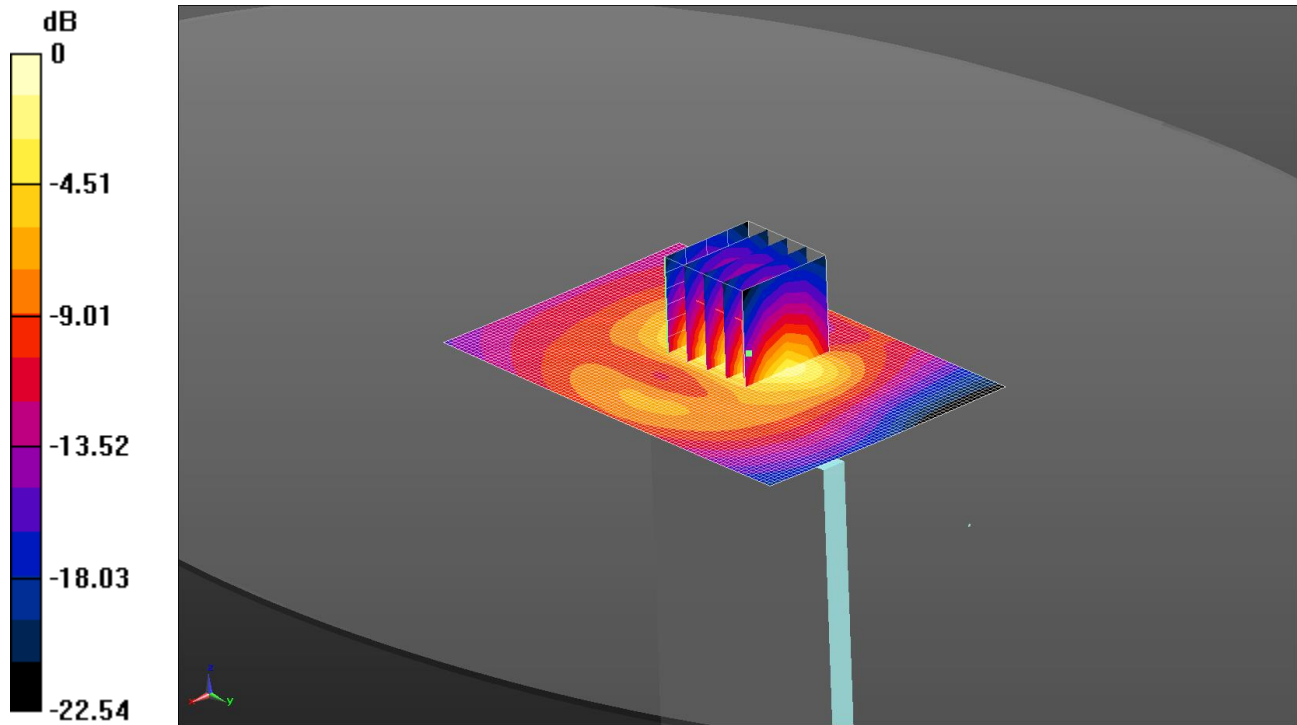
SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.260 W/kg

Maximum value of SAR (measured) = 0.407 W/kg

011: Bottom of EUT Facing Phantom GPRS 850 CH190

Date: 28-05-14

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.184 W/kg = -7.35 dBW/kg

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

Medium: MSL900 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.043$ S/m; $\epsilon_r = 53.323$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15); Calibrated: 08-01-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18-11-13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Bottom of EUT Facing Phantom (Middle)/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.184 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 = 13.425 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.315 W/kg

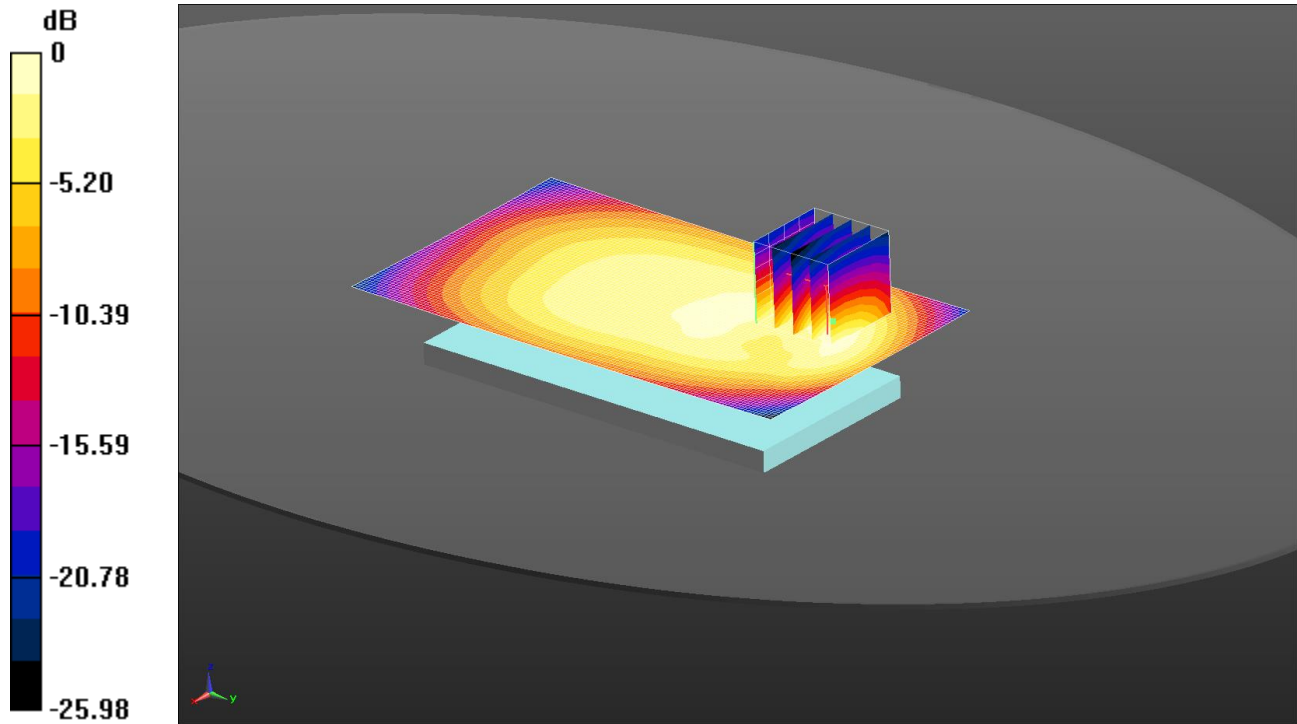
SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.086 W/kg

Maximum value of SAR (measured) = 0.189 W/kg

012: Back of EUT Facing Phantom GPRS 850 CH128

Date: 28-05-14

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.508 W/kg = -2.94 dBW/kg

Communication System: UID 0, GPRS 2Tx (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.00037

Medium: MSL900 Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 1.036$ S/m; $\epsilon_r = 53.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15); Calibrated: 08-01-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18-11-13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Back of EUT Facing Phantom (Low)/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.508 W/kg

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

Reference Value = 18.196 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.773 W/kg

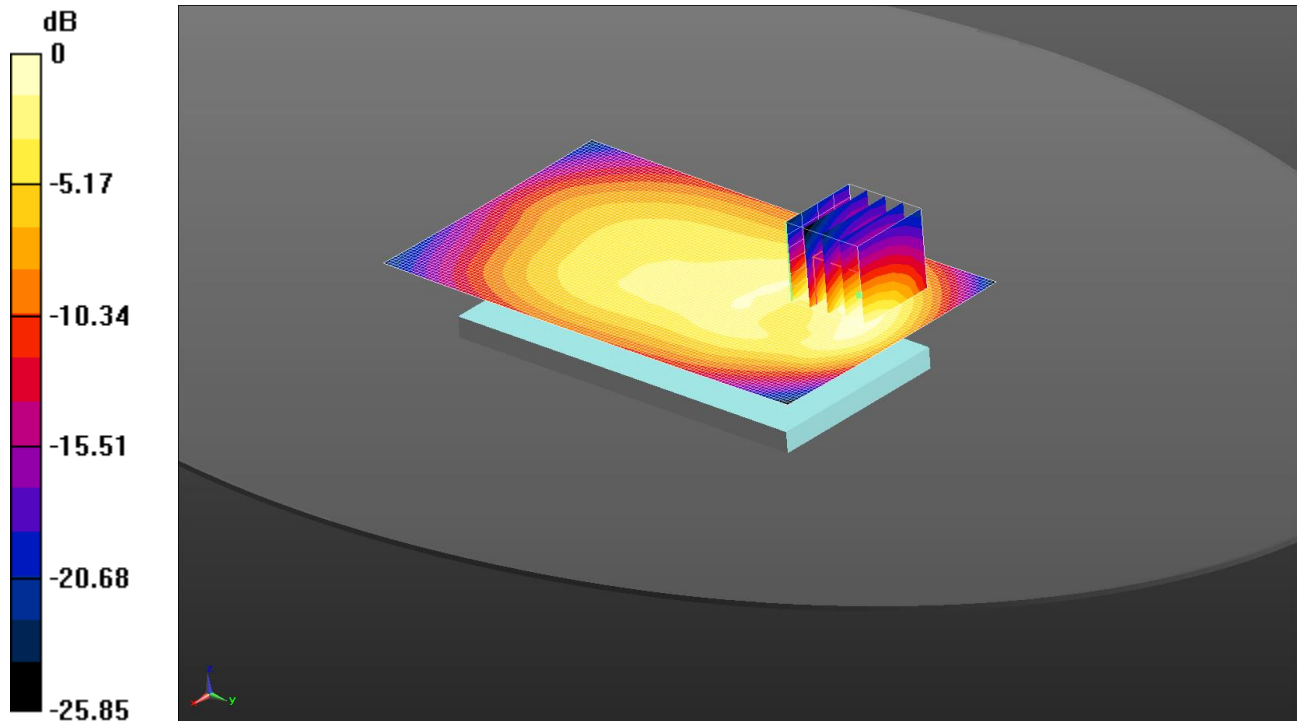
SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.259 W/kg

Maximum value of SAR (measured) = 0.485 W/kg

013: Back of EUT Facing Phantom GPRS 850 CH251

Date: 28-05-14

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.494 W/kg = -3.06 dBW/kg

Communication System: UID 0, GPRS 2Tx (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.00037

Medium: MSL900 Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.051$ S/m; $\epsilon_r = 53.258$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15); Calibrated: 08-01-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18-11-13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Back of EUT Facing Phantom (High)/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.494 W/kg

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

Reference Value = 15.227 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.774 W/kg

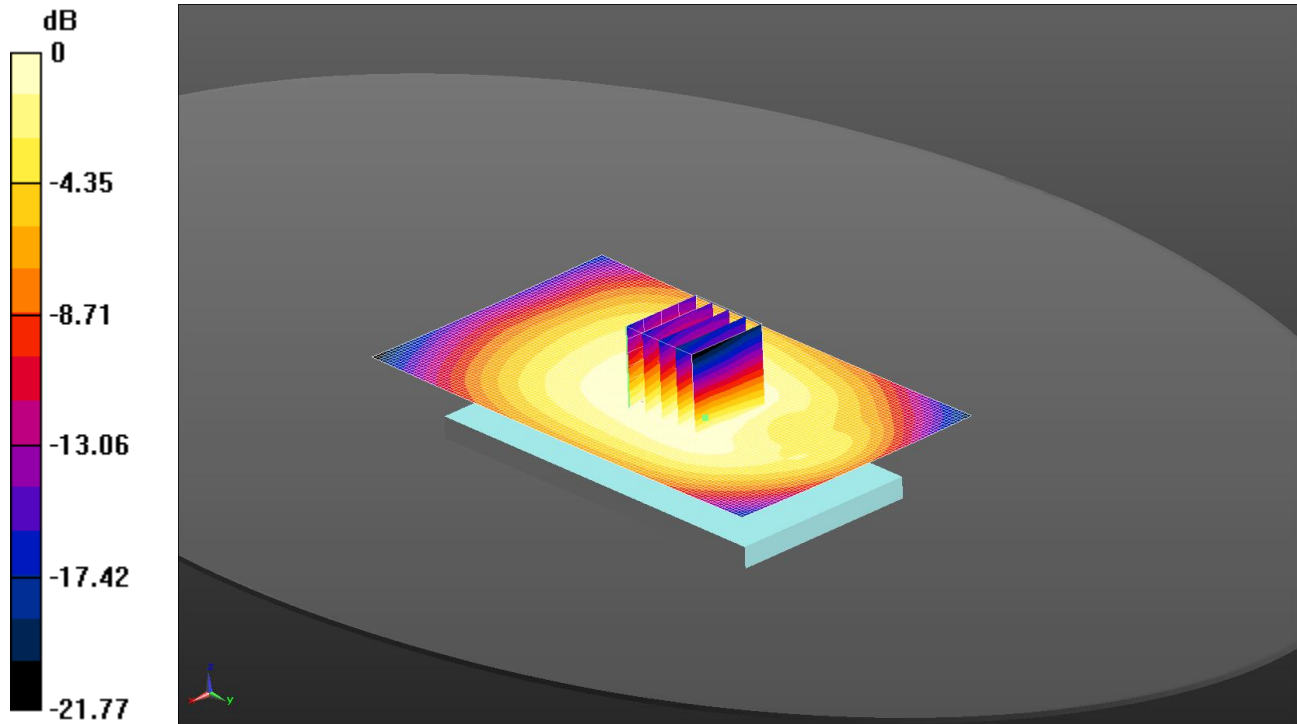
SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.250 W/kg

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

014: Front of EUT Facing Phantom BodyWorn GSM 850 CH190

Date: 28-05-14

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



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

Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium: MSL900 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.043$ S/m; $\epsilon_r = 53.323$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15); Calibrated: 08-01-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18-11-13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Front of EUT Facing Phantom Body Worn (Middle)/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Configuration/Front of EUT Facing Phantom Body Worn (Middle)/Zoom Scan (5x5x7) 2 2 2 2 (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.096 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.250 W/kg

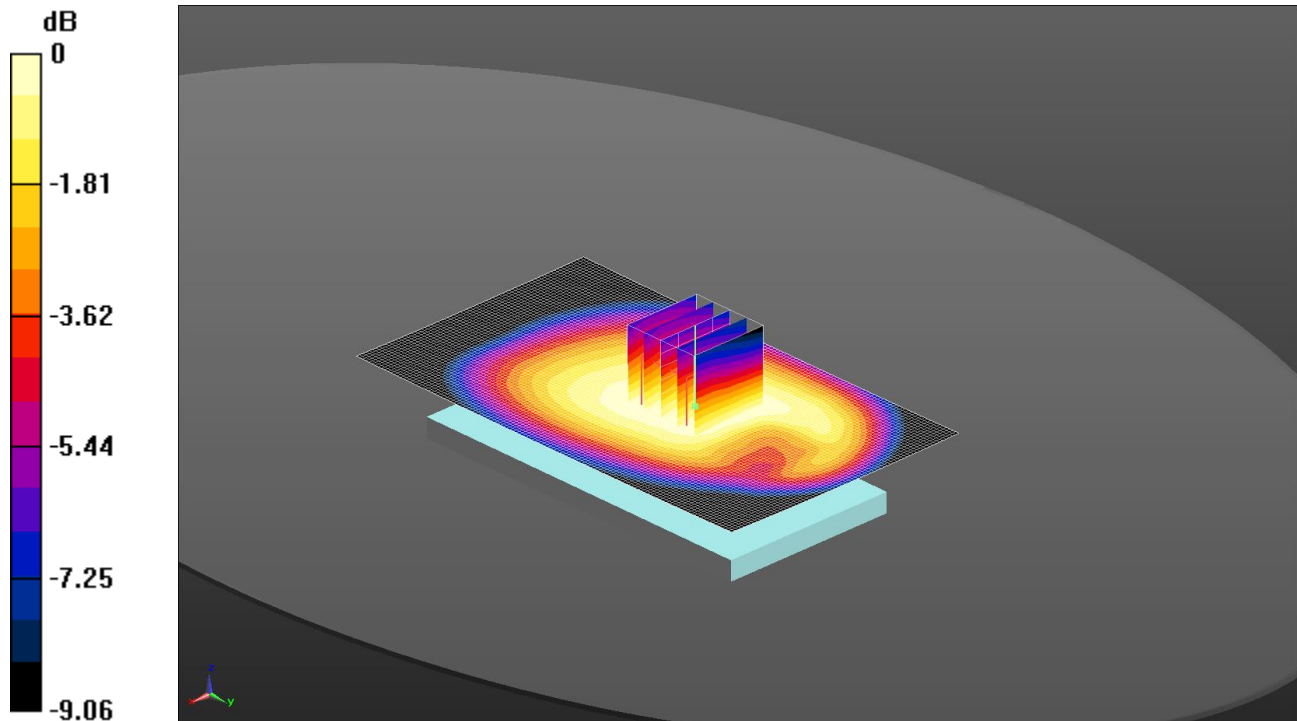
SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.212 W/kg

015: Back of EUT Facing Phantom BodyWorn GSM 850 CH190

Date: 28-05-14

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.226 W/kg = -6.46 dBW/kg

Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium: MSL900 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.043$ S/m; $\epsilon_r = 53.323$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15); Calibrated: 08-01-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18-11-13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Back of EUT Facing Phantom BodyWorn (Mid)/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.227 W/kg

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

Reference Value = 14.423 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.268 W/kg

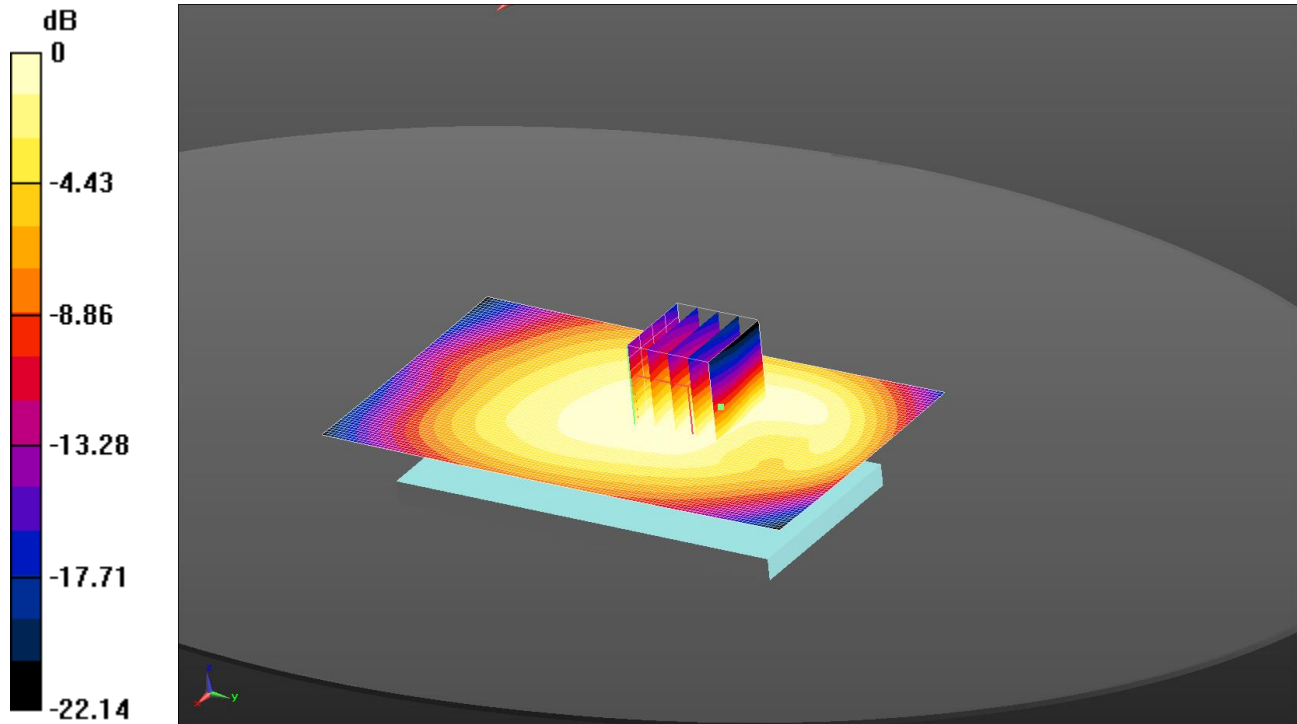
SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.226 W/kg

016: Back of EUT Facing Phantom BodyWorn GSM 850 CH128

Date: 28-05-14

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.239 W/kg = -6.21 dBW/kg

Communication System: UID 0, Generic GSM (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium: MSL900 Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 1.036$ S/m; $\epsilon_r = 53.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15); Calibrated: 08-01-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18-11-13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Back of EUT Facing Phantom BodyWorn (Low)/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.239 W/kg

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

Reference Value = 14.534 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.294 W/kg

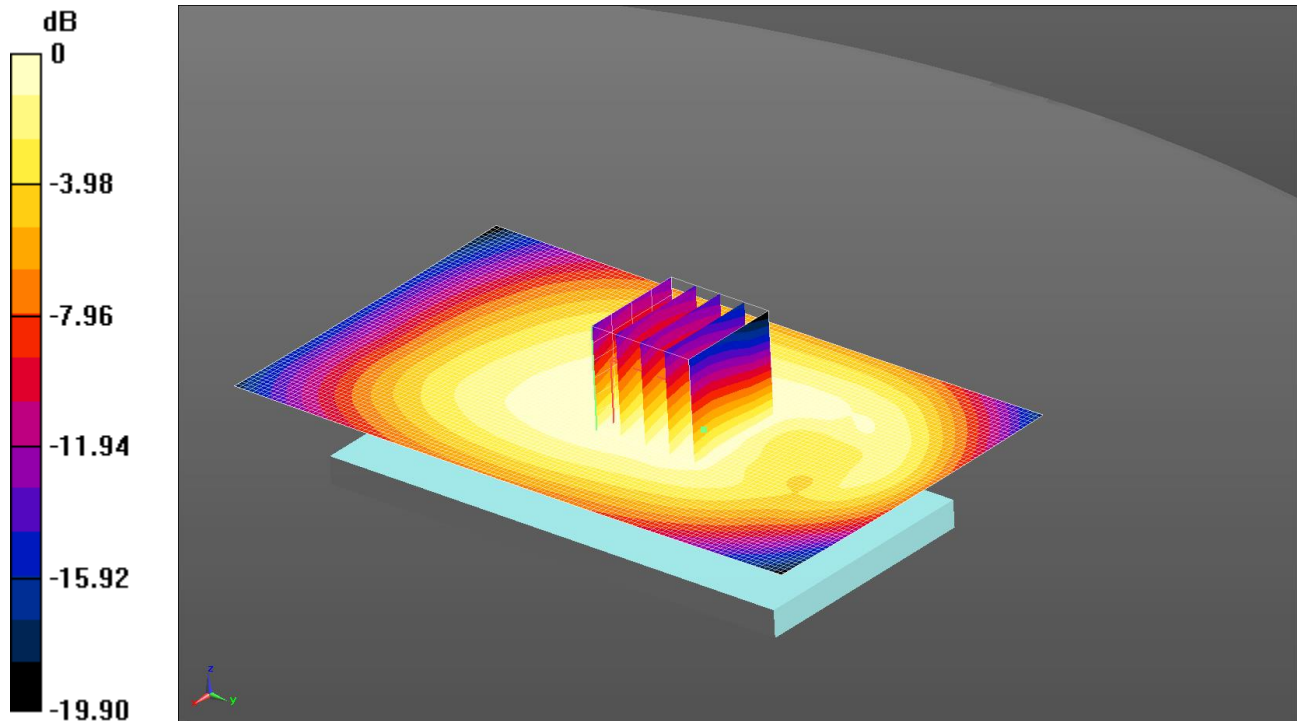
SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.239 W/kg

017: Back of EUT Facing Phantom BodyWorn GSM 850 CH251

Date: 28-05-14

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1SOV



0 dB = 0.209 W/kg = -6.79 dBW/kg

Communication System: UID 0, Generic GSM (0); Frequency: 848.6 MHz; Duty Cycle: 1:8.30042

Medium: MSL900 Medium parameters used (interpolated): $f = 848.6$ MHz; $\sigma = 1.05$ S/m; $\epsilon_r = 53.259$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15); Calibrated: 08-01-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18-11-13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Back of EUT Facing Phantom BodyWorn (High)/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 13.917 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.243 W/kg

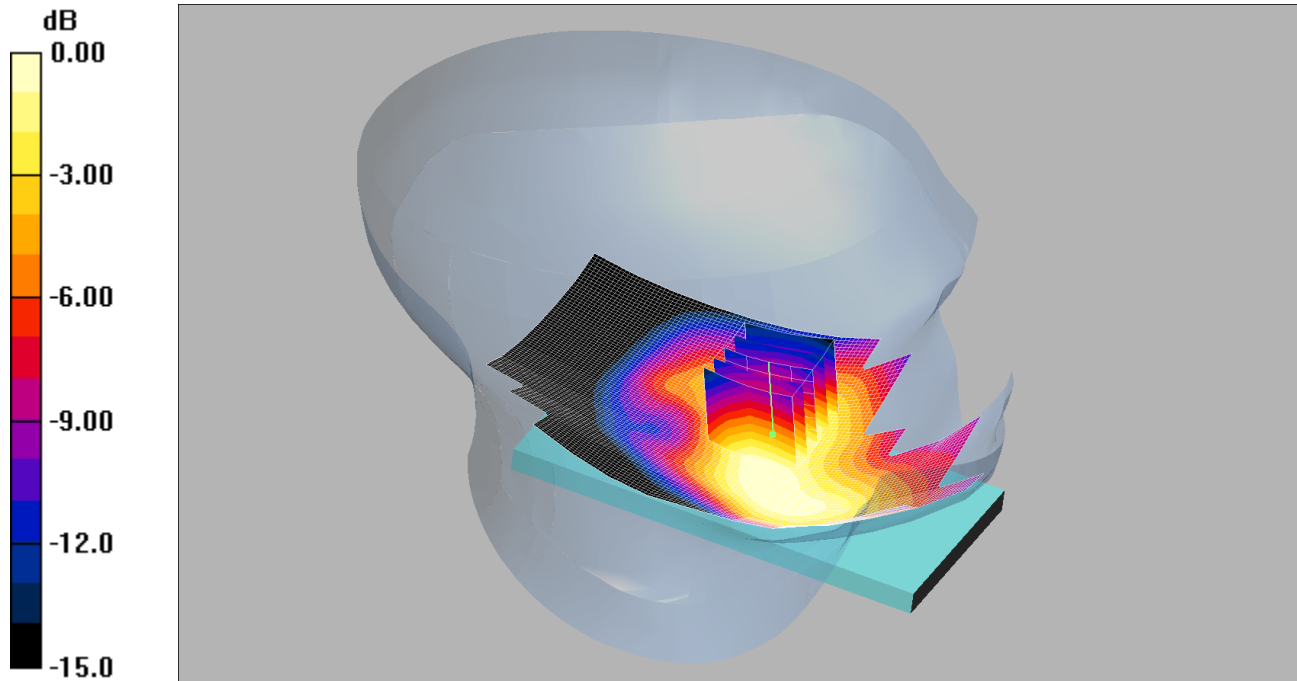
SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.207 W/kg

018: Touch Left Phantom PCS 1900 CH661

Date: 29/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.290mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.294 mW/g

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

Reference Value = 4.50 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.404 W/kg

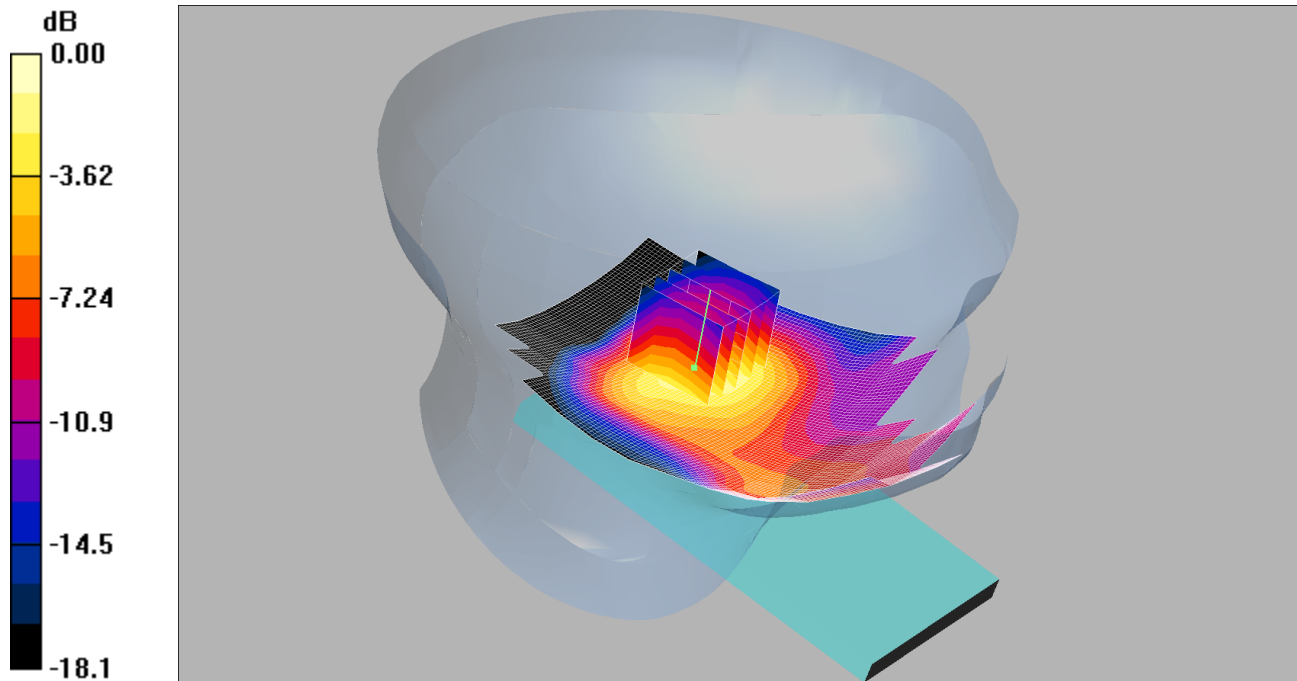
SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.290 mW/g

019: Tilt Left Phantom PCS 1900 CH661

Date: 29/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.210mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

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 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.232 mW/g

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

Reference Value = 6.59 V/m; Power Drift = 0.190 dB

Peak SAR (extrapolated) = 0.331 W/kg

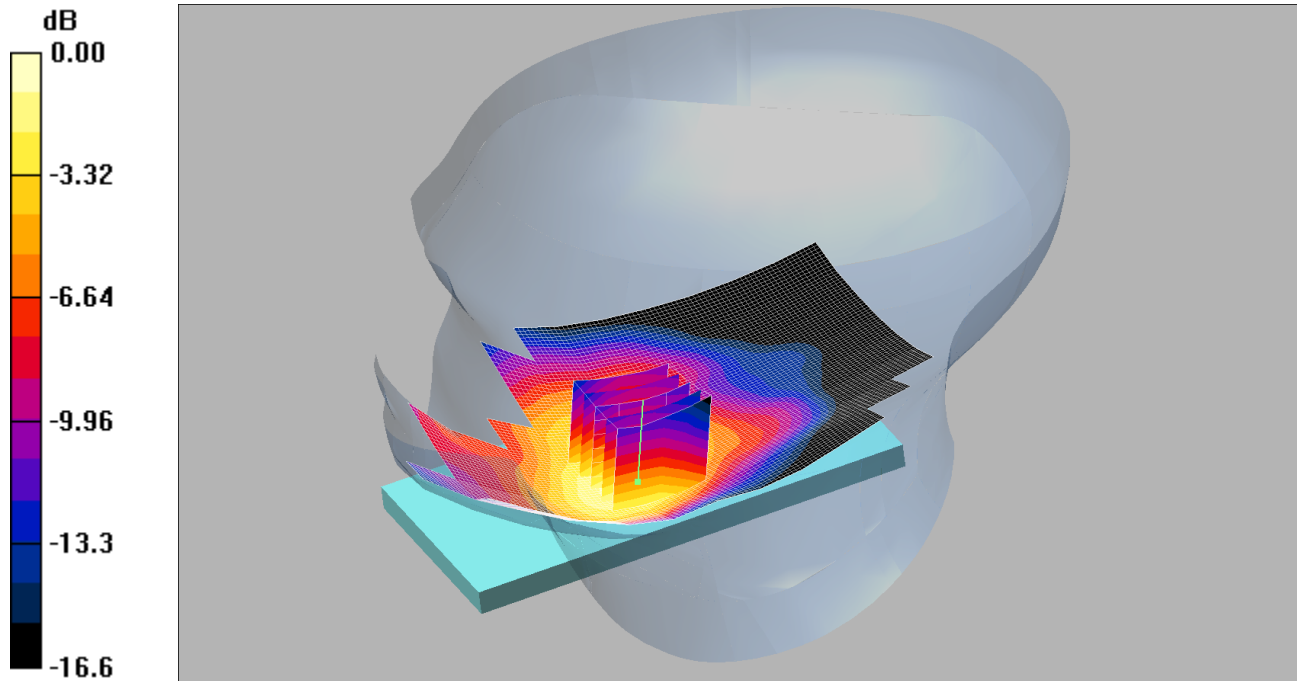
SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.115 mW/g

Maximum value of SAR (measured) = 0.210 mW/g

020: Touch Right Phantom PCS 1900 CH661

Date: 29/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.388mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ 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 (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 3.38 V/m; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 0.534 W/kg

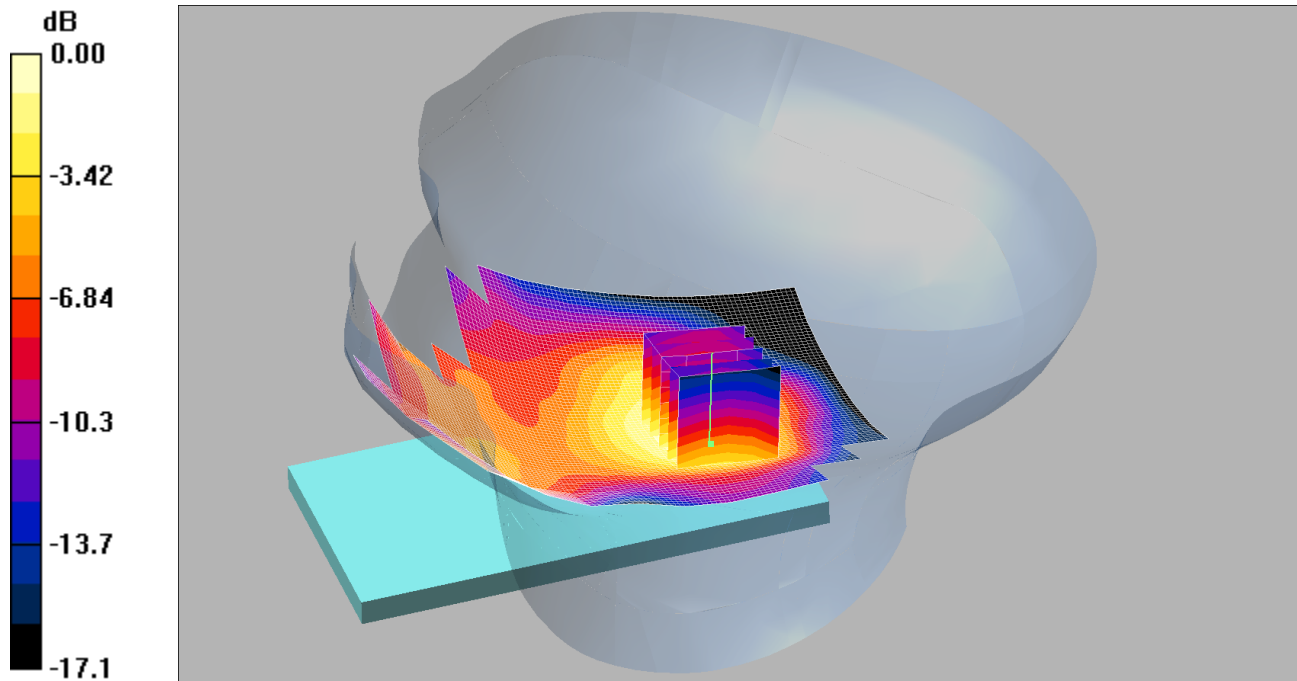
SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.224 mW/g

Maximum value of SAR (measured) = 0.388 mW/g

021: Tilt Right Phantom PCS 1900 CH661

Date: 29/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.159mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ 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

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

Maximum value of SAR (interpolated) = 0.176 mW/g

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

Reference Value = 7.71 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.231 W/kg

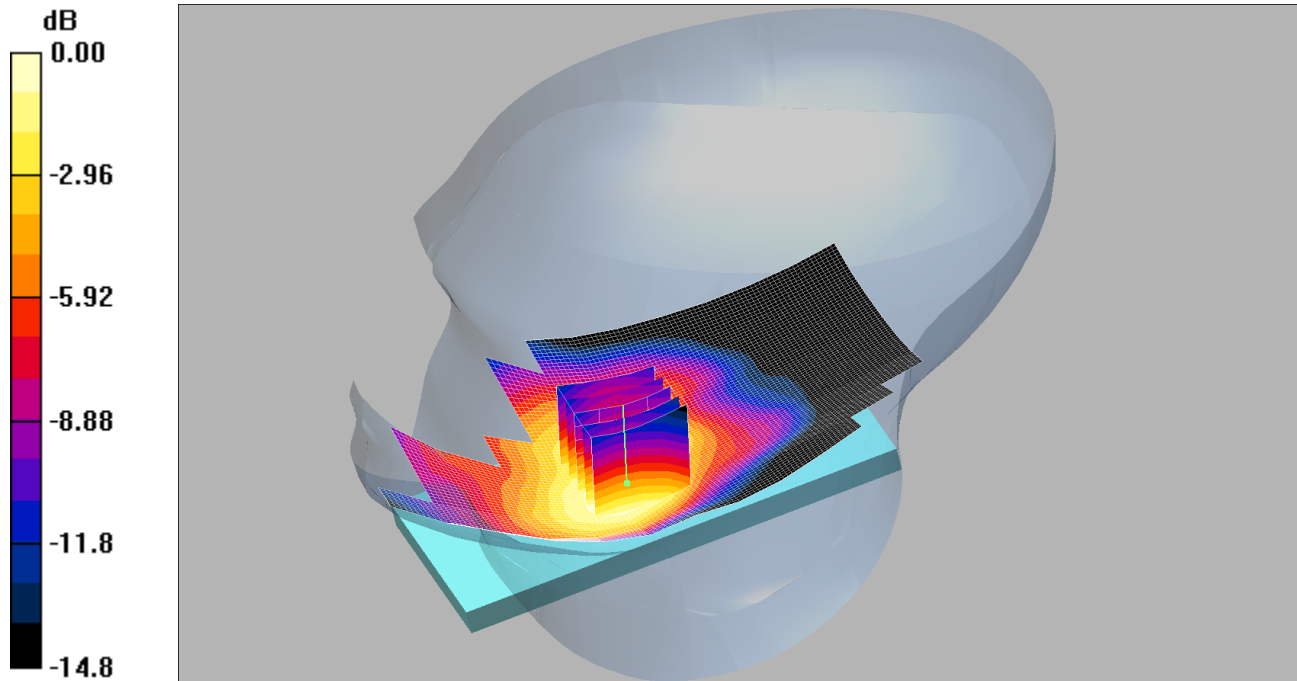
SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.159 mW/g

022: Touch Right Phantom PCS 1900 CH512

Date: 29/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.367mW/g

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ 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 Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.381 mW/g

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

Reference Value = 3.52 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.500 W/kg

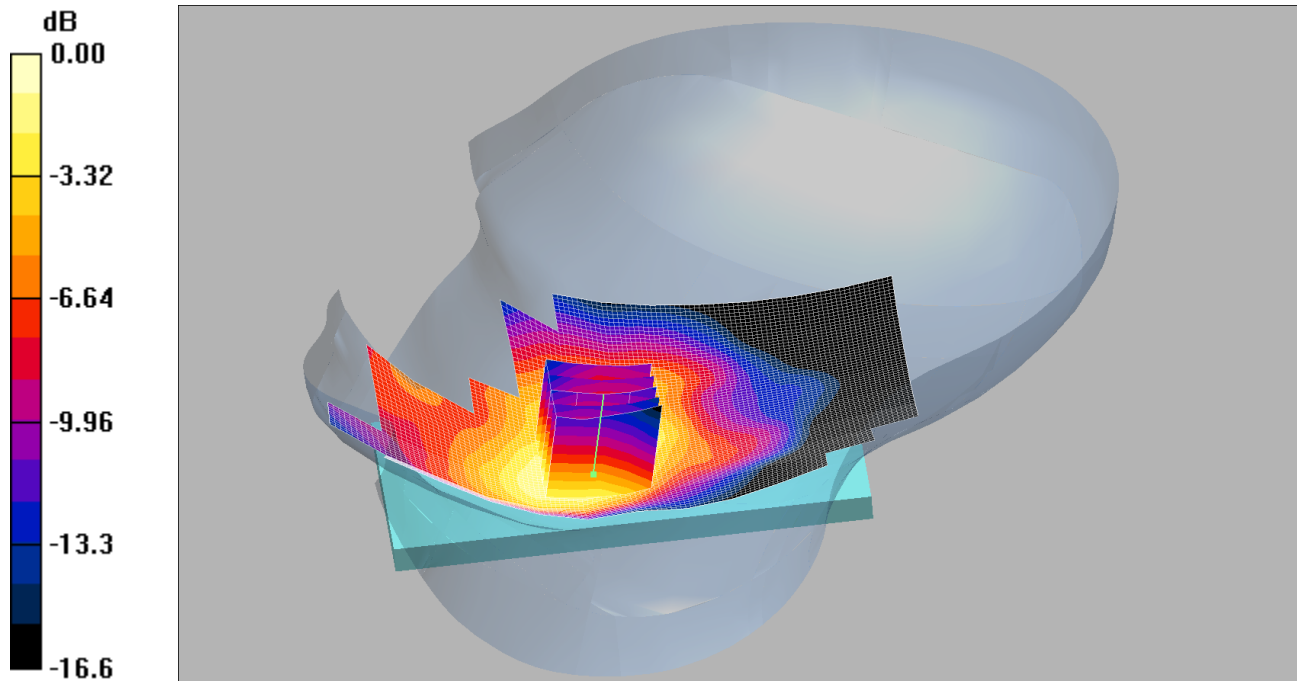
SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.227 mW/g

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

023: Touch Right Phantom PCS 1900 CH810

Date: 29/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.318mW/g

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ 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 High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.326 mW/g

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

Reference Value = 3.40 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.455 W/kg

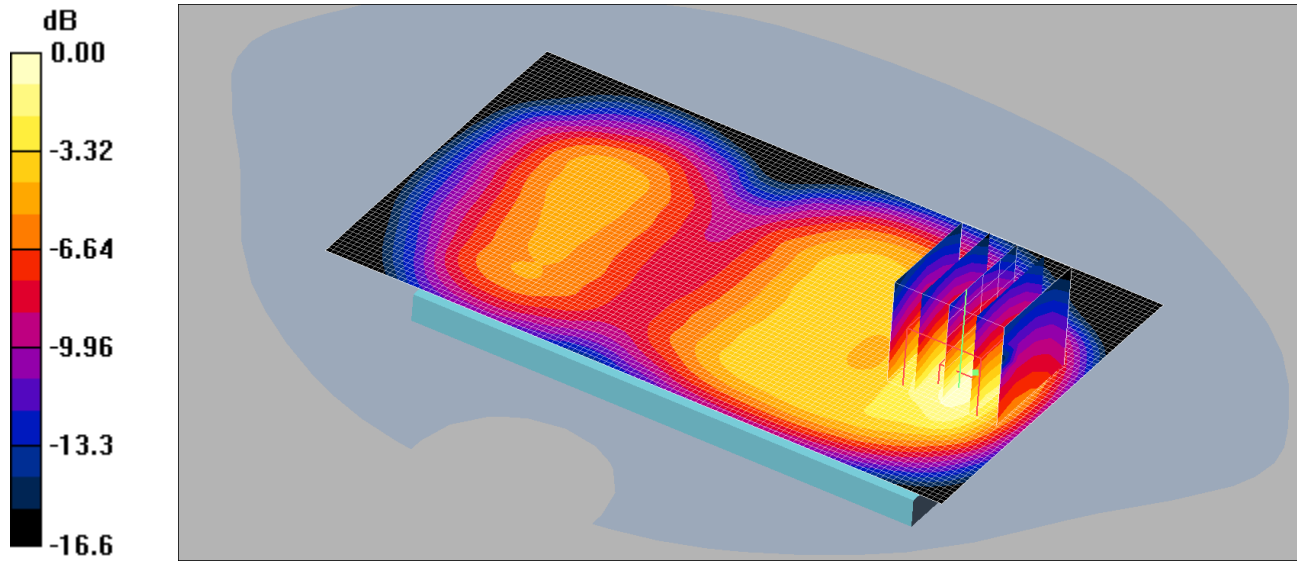
SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.318 mW/g

024: Front of EUT Facing Phantom GPRS 1900 CH661

Date: 30/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.737mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.676 mW/g

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

Reference Value = 9.18 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 1.12 W/kg

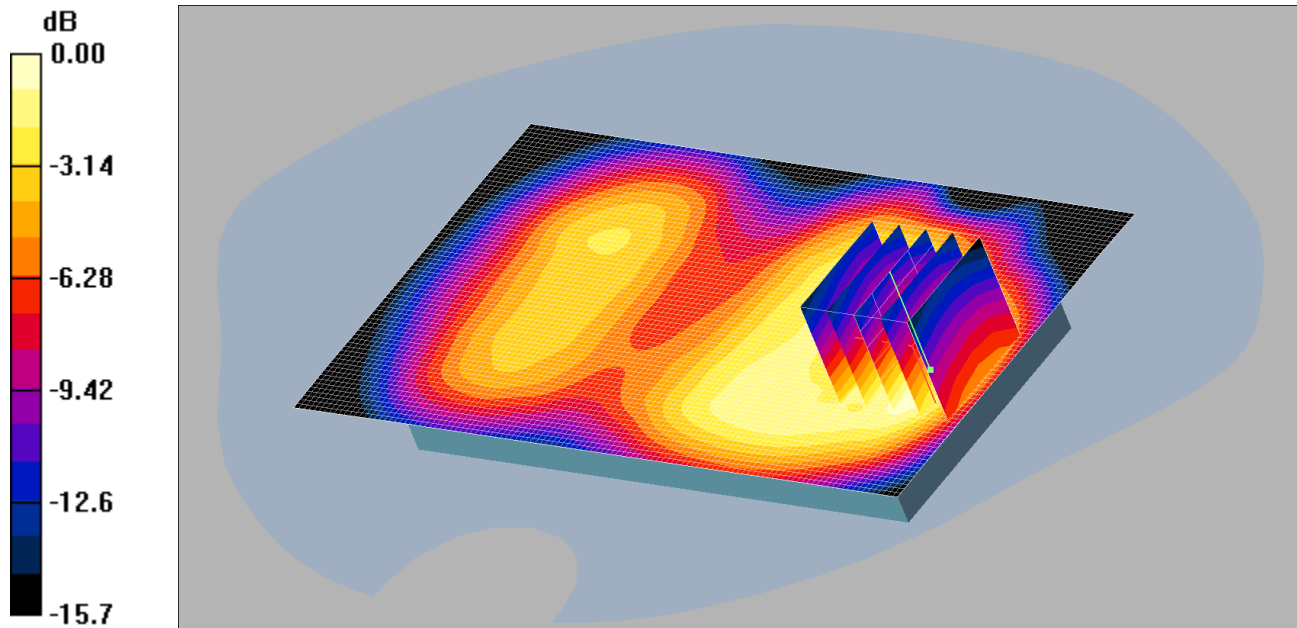
SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.374 mW/g

Maximum value of SAR (measured) = 0.737 mW/g

025: Front of EUT Facing Phantom GPRS 1900 CH512

Date: 30/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.558mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.580 mW/g

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

Reference Value = 8.74 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.823 W/kg

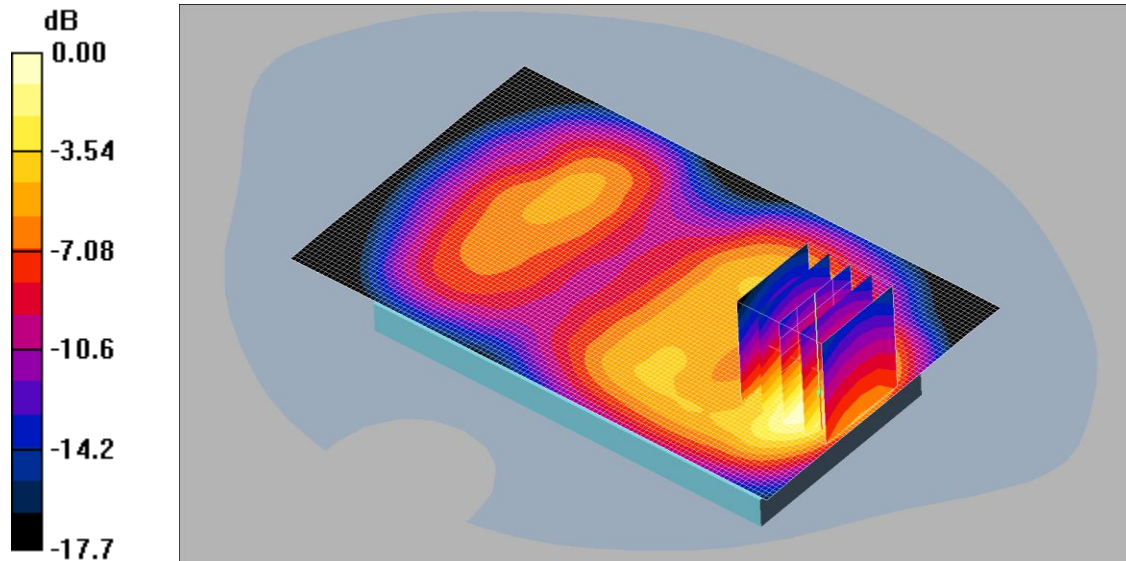
SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 0.558 mW/g

026: Front of EUT Facing Phantom GPRS 1900 CH810

Date: 30/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.938mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.928 mW/g

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

Reference Value = 8.67 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 1.42 W/kg

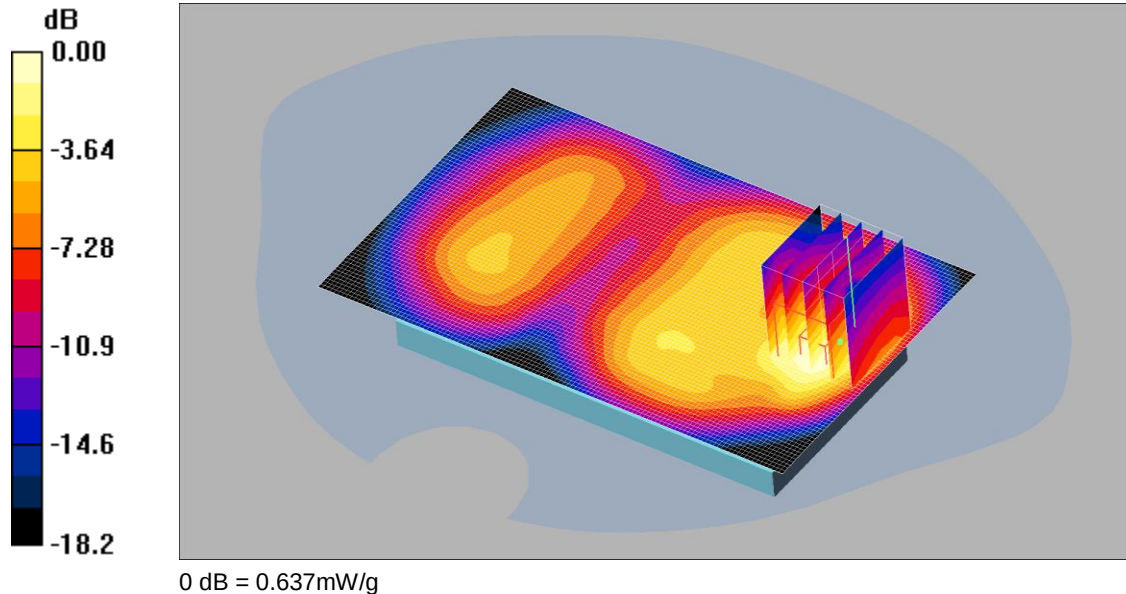
SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.457 mW/g

Maximum value of SAR (measured) = 0.938 mW/g

027: Back of EUT Facing Phantom GPRS 1900 CH661

Date: 30/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 7.79 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 1.04 W/kg

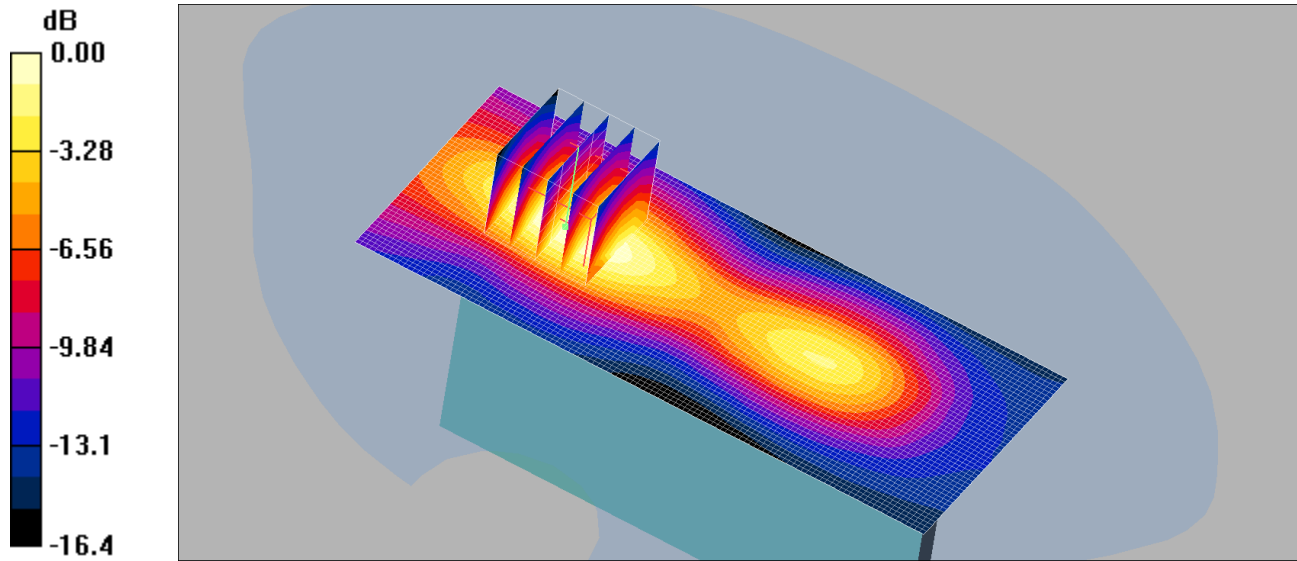
SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.338 mW/g

Maximum value of SAR (measured) = 0.637 mW/g

028: Left of EUT Facing Phantom GPRS 1900 CH661

Date: 30/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.276mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left of EUT Facing Phantom - Middle/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 8.03 V/m; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.413 W/kg

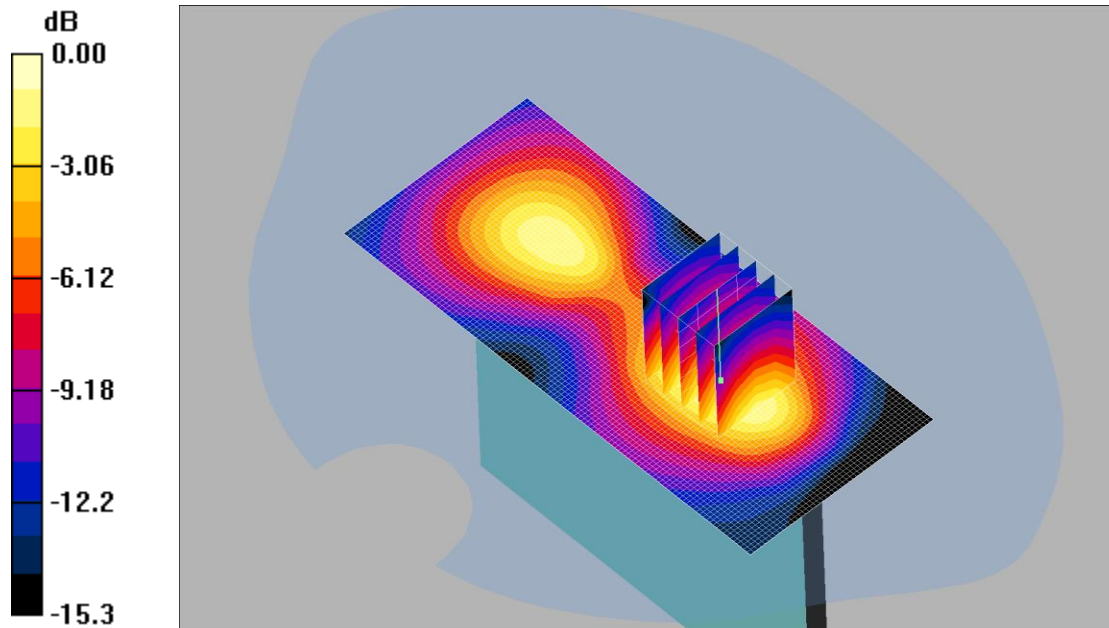
SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 0.276 mW/g

029: Right of EUT Facing Phantom GPRS 1900 CH661

Date: 30/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.299mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Right of EUT Facing Phantom - Middle/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.302 mW/g

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

Reference Value = 6.95 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.430 W/kg

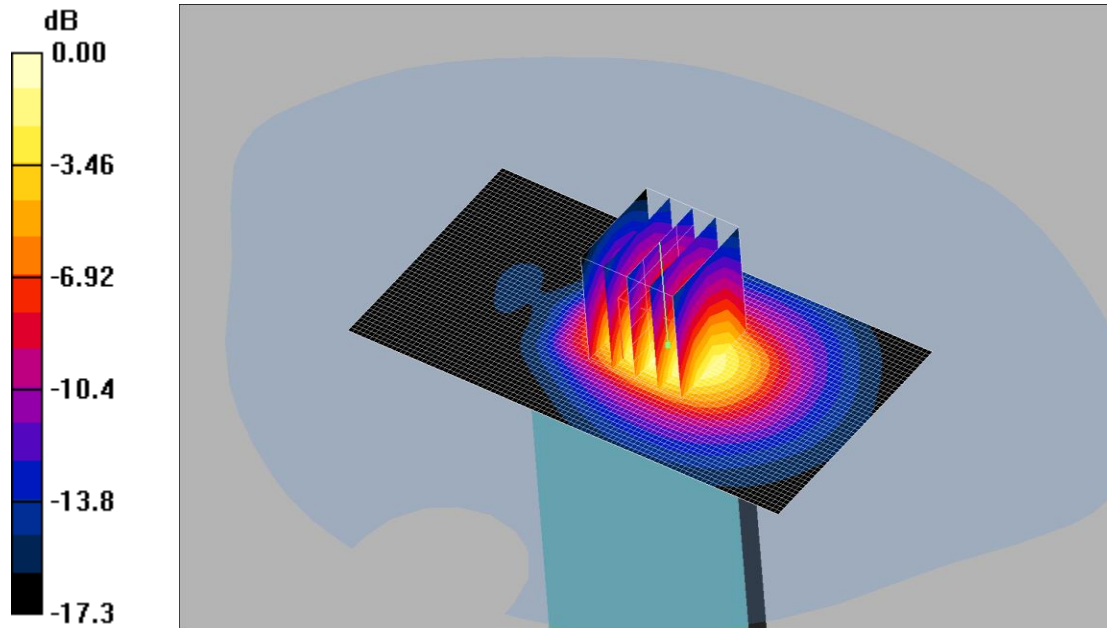
SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.163 mW/g

Maximum value of SAR (measured) = 0.299 mW/g

030: Bottom of EUT Facing Phantom GPRS 1900 CH661

Date: 30/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.910mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - Middle/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.07 mW/g

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

Reference Value = 23.2 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.38 W/kg

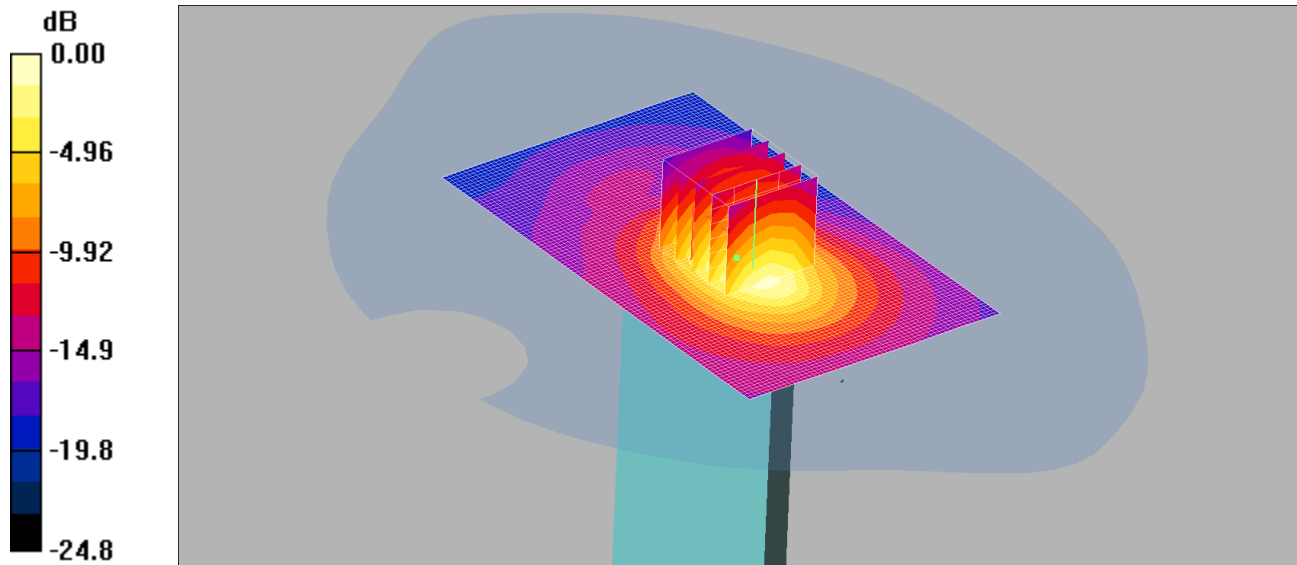
SAR(1 g) = 0.822 mW/g; SAR(10 g) = 0.452 mW/g

Maximum value of SAR (measured) = 0.910 mW/g

031: Bottom of EUT Facing Phantom GPRS 1900 CH512

Date: 30/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.749mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - Low 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.804 mW/g

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

Reference Value = 20.7 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 1.15 W/kg

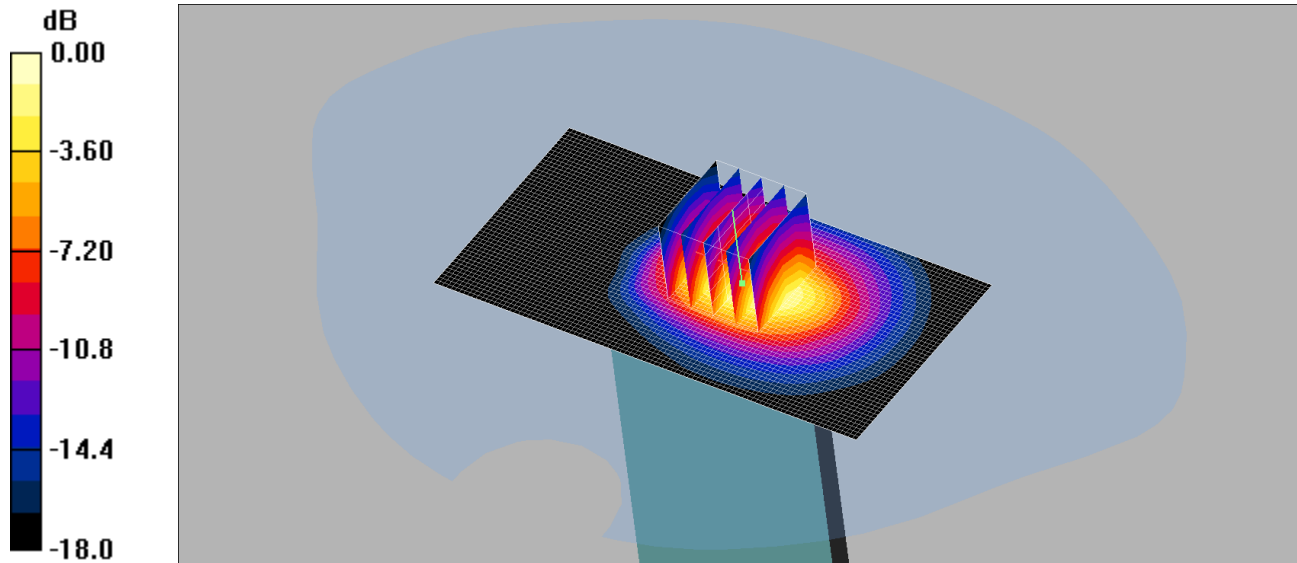
SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.378 mW/g

Maximum value of SAR (measured) = 0.749 mW/g

032: Bottom of EUT Facing Phantom GPRS 1900 CH810

Date: 30/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 1.34mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - High/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.51 mW/g

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

Reference Value = 27.3 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 2.07 W/kg

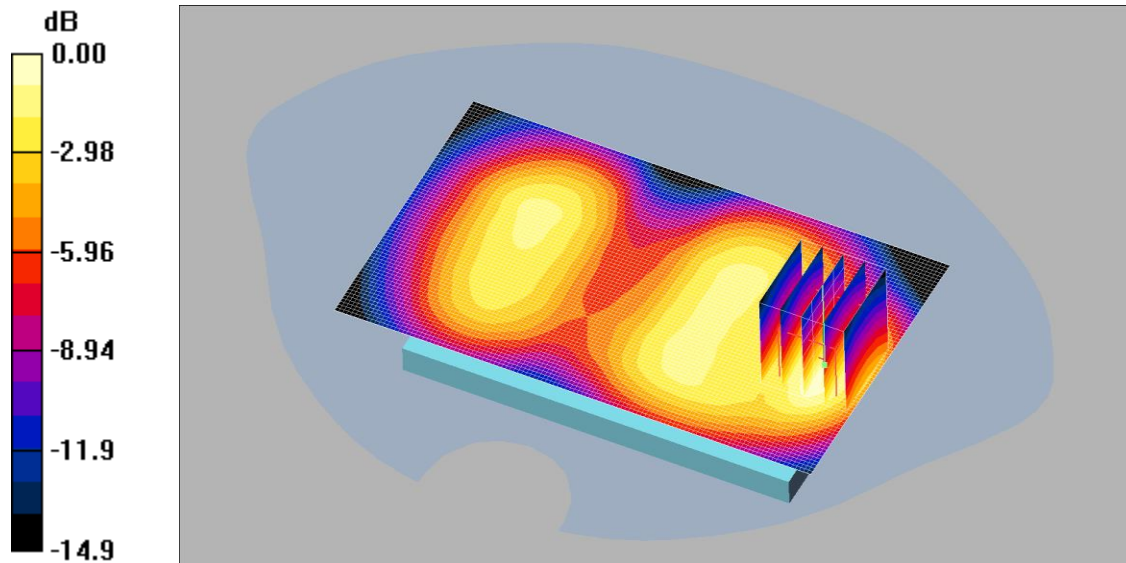
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.654 mW/g

Maximum value of SAR (measured) = 1.34 mW/g

033: Front of EUT Facing Phantom PCS 1900 CH661

Date: 30/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.287mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.291 mW/g

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

Reference Value = 6.61 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.419 W/kg

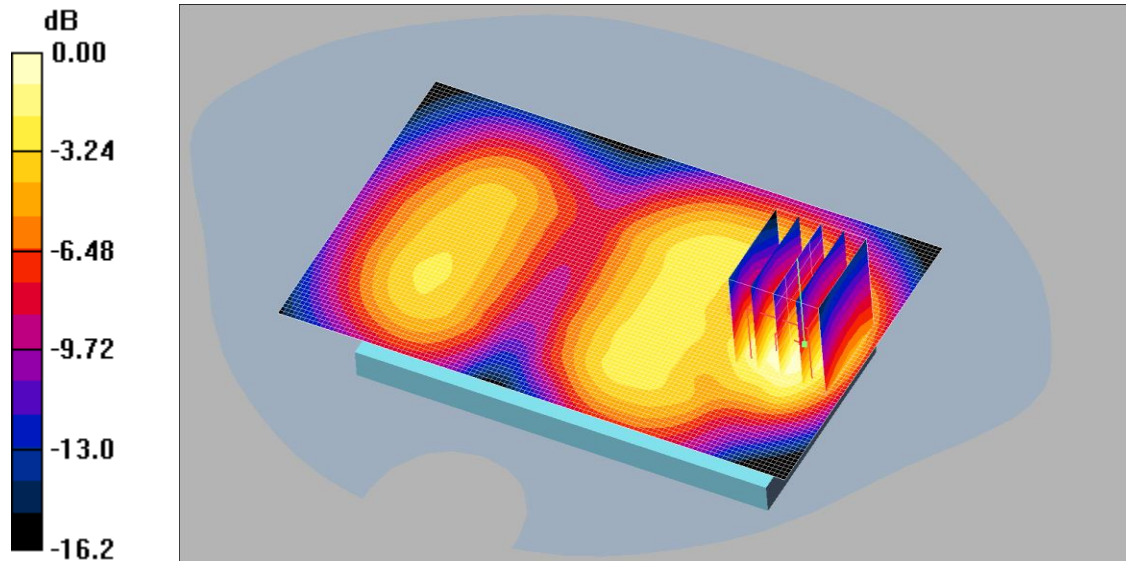
SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.155 mW/g

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

034: Back of EUT Facing Phantom PCS 1900 CH661

Date: 30/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.296mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 6.45 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.444 W/kg

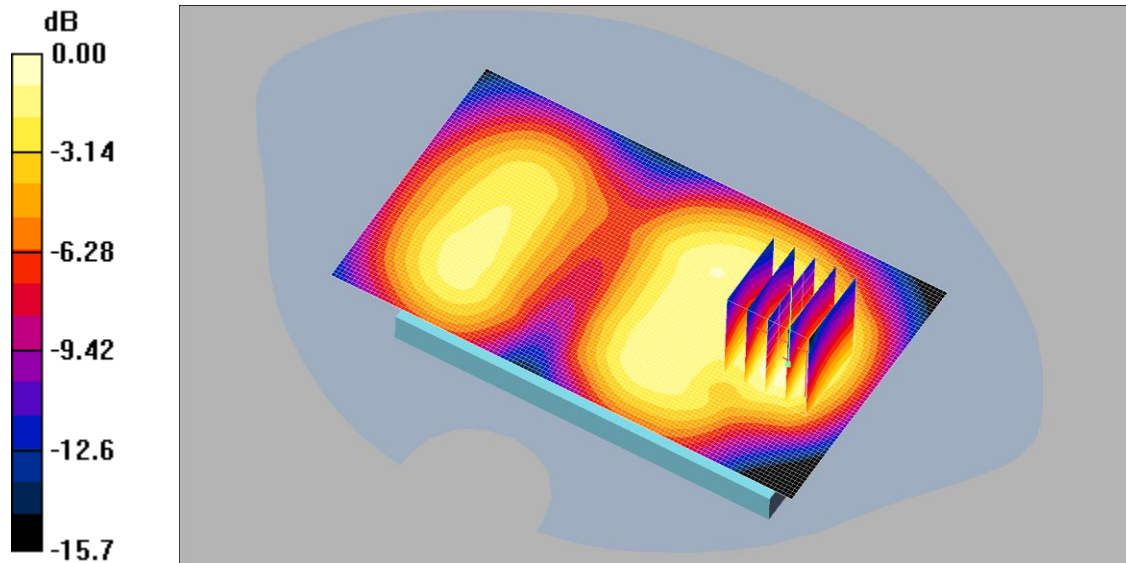
SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 0.296 mW/g

035: Back of EUT Facing Phantom PCS 1900 CH512

Date: 30/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.234mW/g

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.240 mW/g

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

Reference Value = 7.16 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.341 W/kg

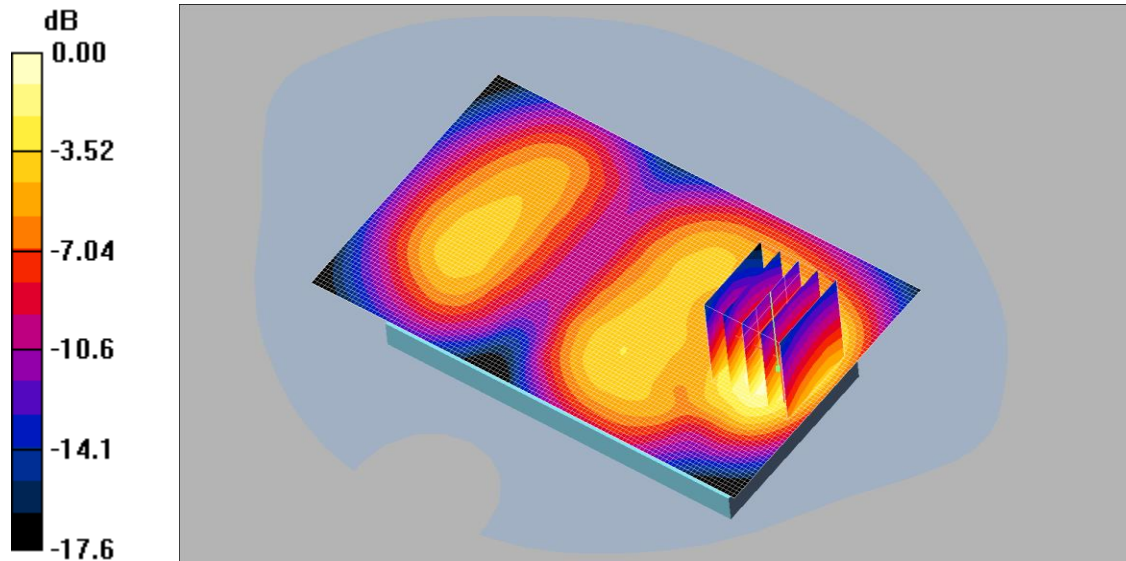
SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.132 mW/g

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

036: Back of EUT Facing Phantom PCS 1900 CH810

Date: 30/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S12



0 dB = 0.364mW/g

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.360 mW/g

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

Reference Value = 6.32 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 0.549 W/kg

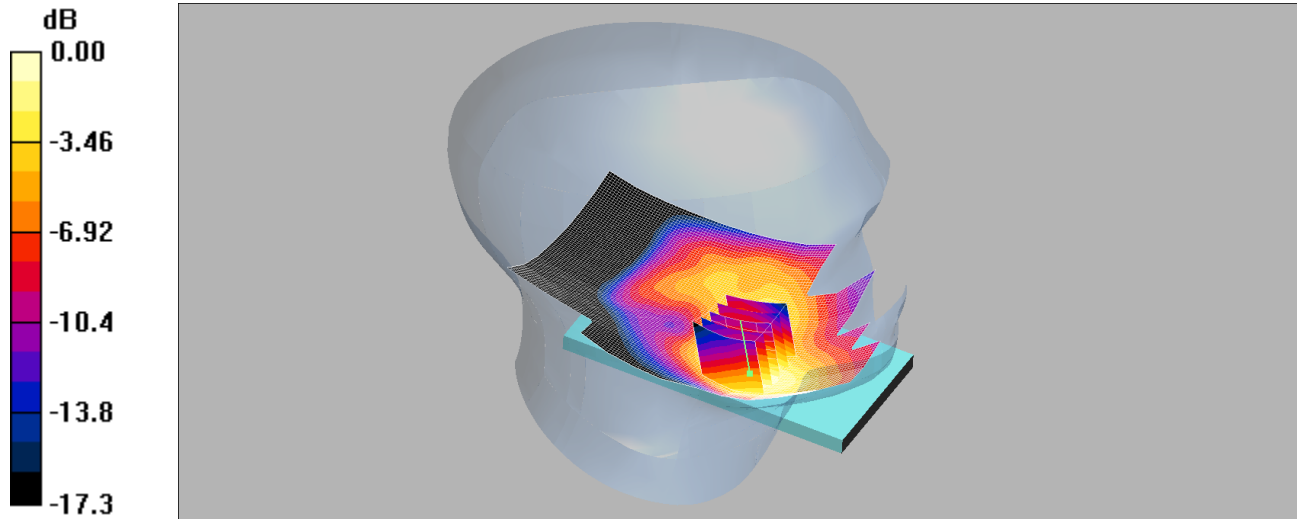
SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.192 mW/g

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

037: Touch Left UMTS FDD 2 CH9400

Date: 28/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RYM



0 dB = 0.532mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.556 mW/g

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

Reference Value = 7.09 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.774 W/kg

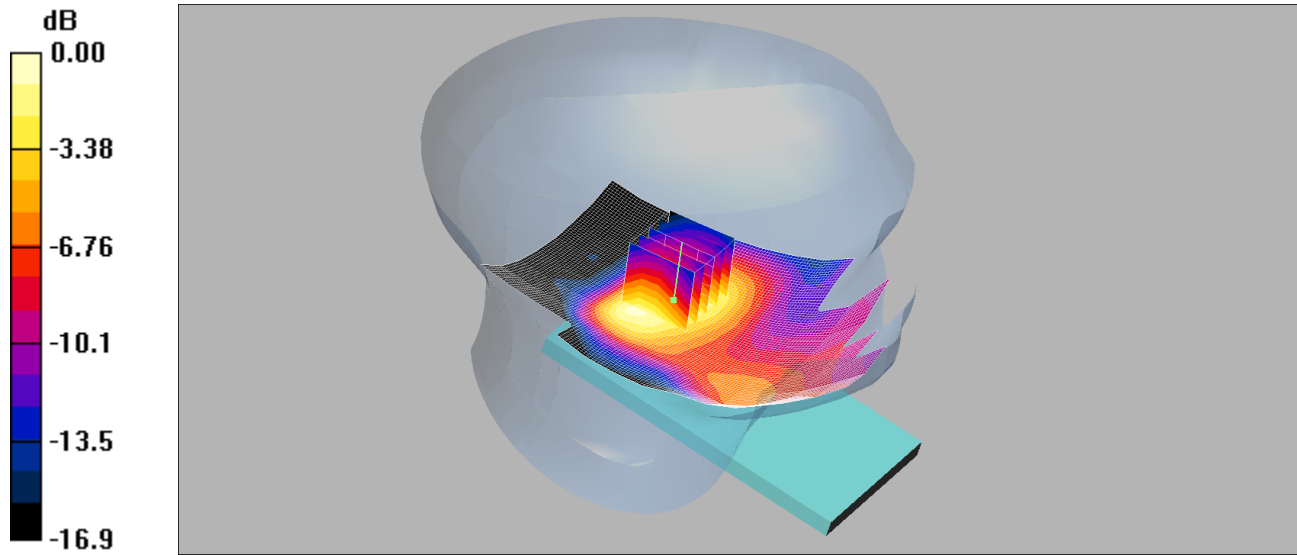
SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.336 mW/g

Maximum value of SAR (measured) = 0.532 mW/g

038: Tilt Left UMTS FDD 2 CH9400

Date: 28/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RYM



0 dB = 0.288mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.296 mW/g

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

Reference Value = 10.2 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.445 W/kg

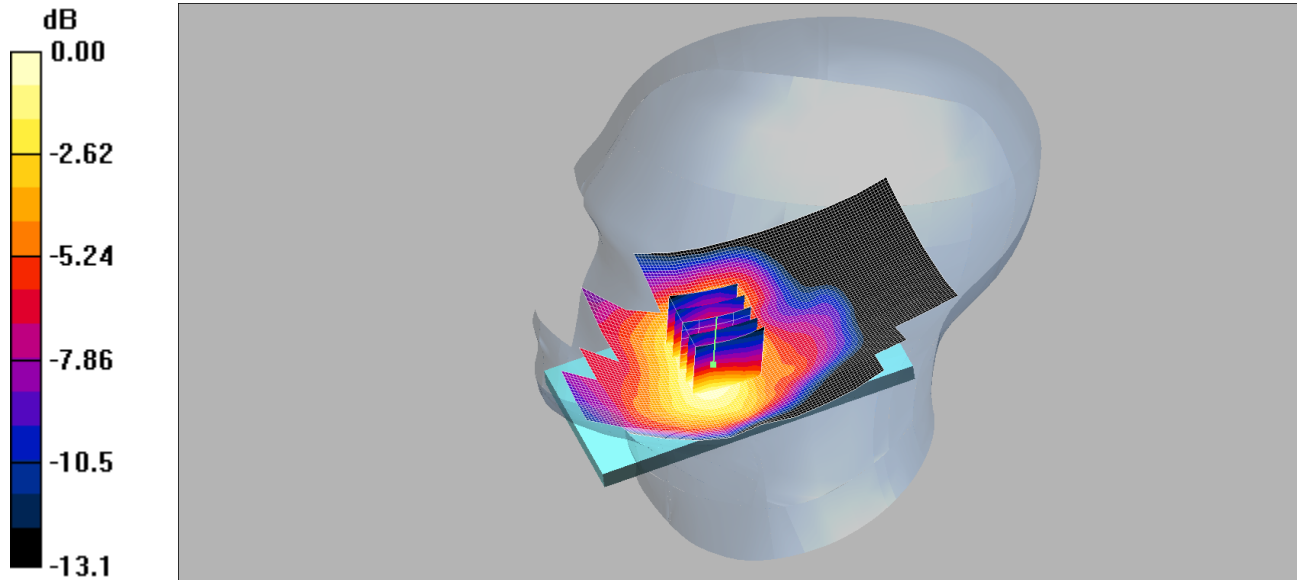
SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.163 mW/g

Maximum value of SAR (measured) = 0.288 mW/g

039: Touch Right UMTS FDD 2 CH9400

Date: 28/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RYM



0 dB = 0.473mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ 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:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.482 mW/g

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

Reference Value = 5.98 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.659 W/kg

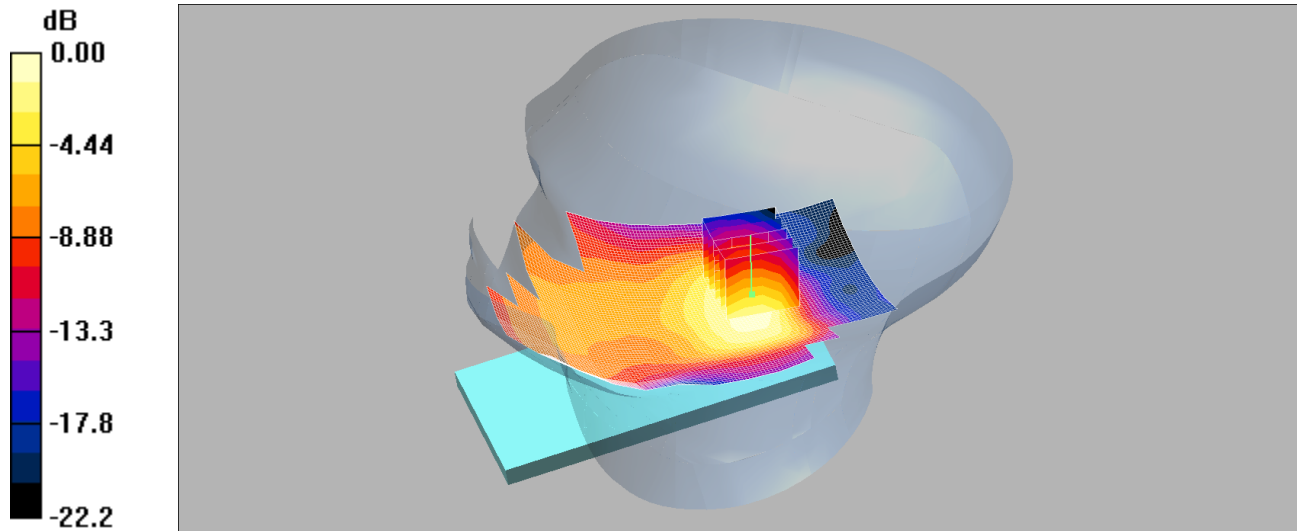
SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.287 mW/g

Maximum value of SAR (measured) = 0.473 mW/g

040: Tilt Right UMTS FDD 2 CH9400

Date: 28/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RYM



0 dB = 0.261mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ 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:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

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

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

Reference Value = 11.8 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.390 W/kg

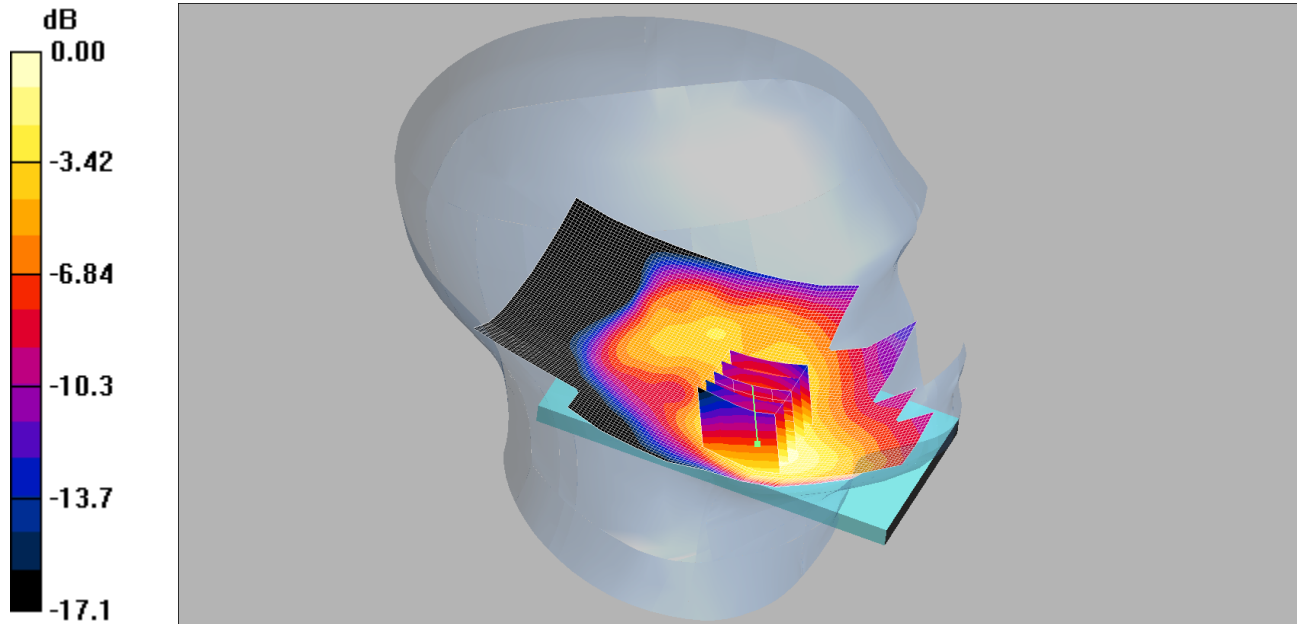
SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.261 mW/g

041: Touch Left UMTS FDD 2 CH9262

Date: 28/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RYM



0 dB = 0.518mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.550 mW/g

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

Reference Value = 9.35 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.746 W/kg

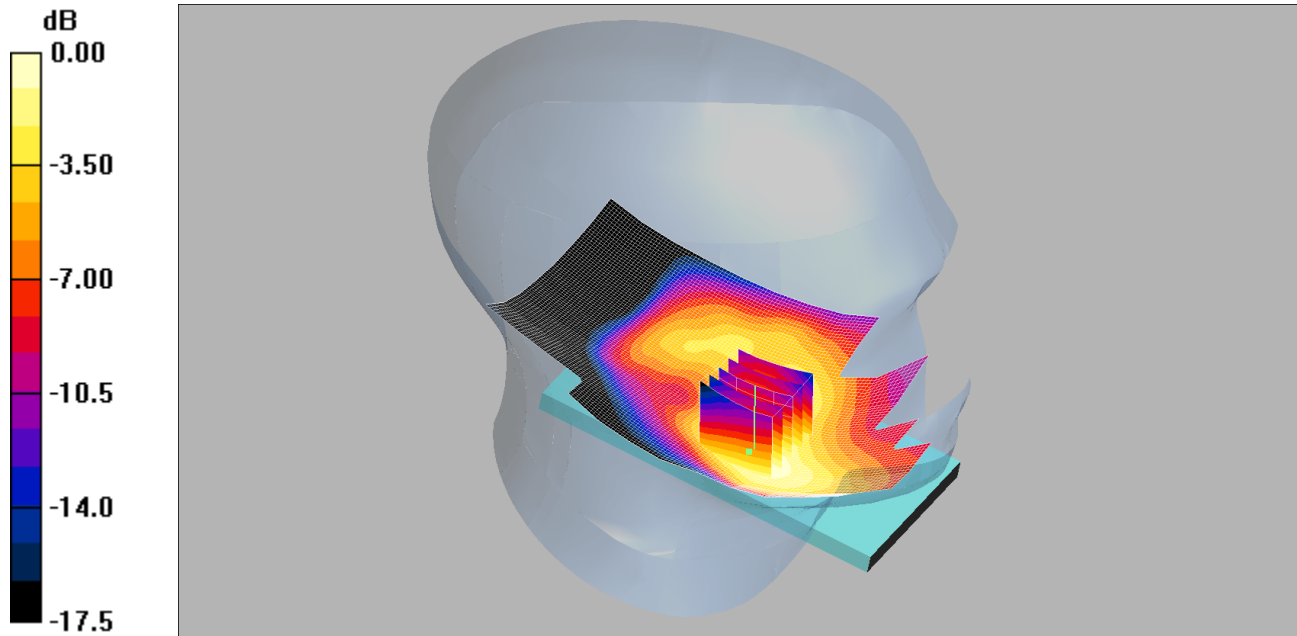
SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.518 mW/g

042: Touch Left UMTS FDD 2 CH9538

Date: 28/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1RYM



0 dB = 0.383mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.400 mW/g

Touch Left - High/Zoom Scan (5x5x7) 3 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.23 V/m; Power Drift = 0.172 dB

Peak SAR (extrapolated) = 0.532 W/kg

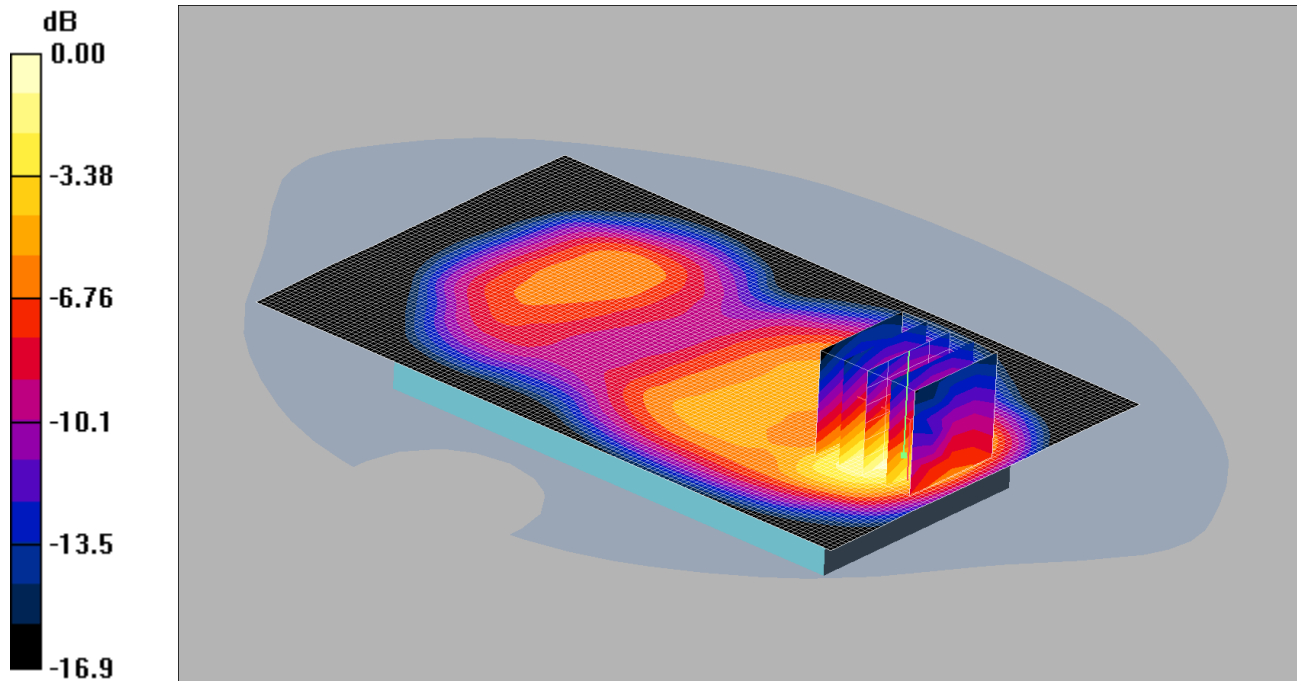
SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.383 mW/g

043: Front of EUT Facing Phantom UMTS FDD 2 CH9400

Date: 28/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



0 dB = 0.620mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.588 mW/g

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

Reference Value = 8.51 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.942 W/kg

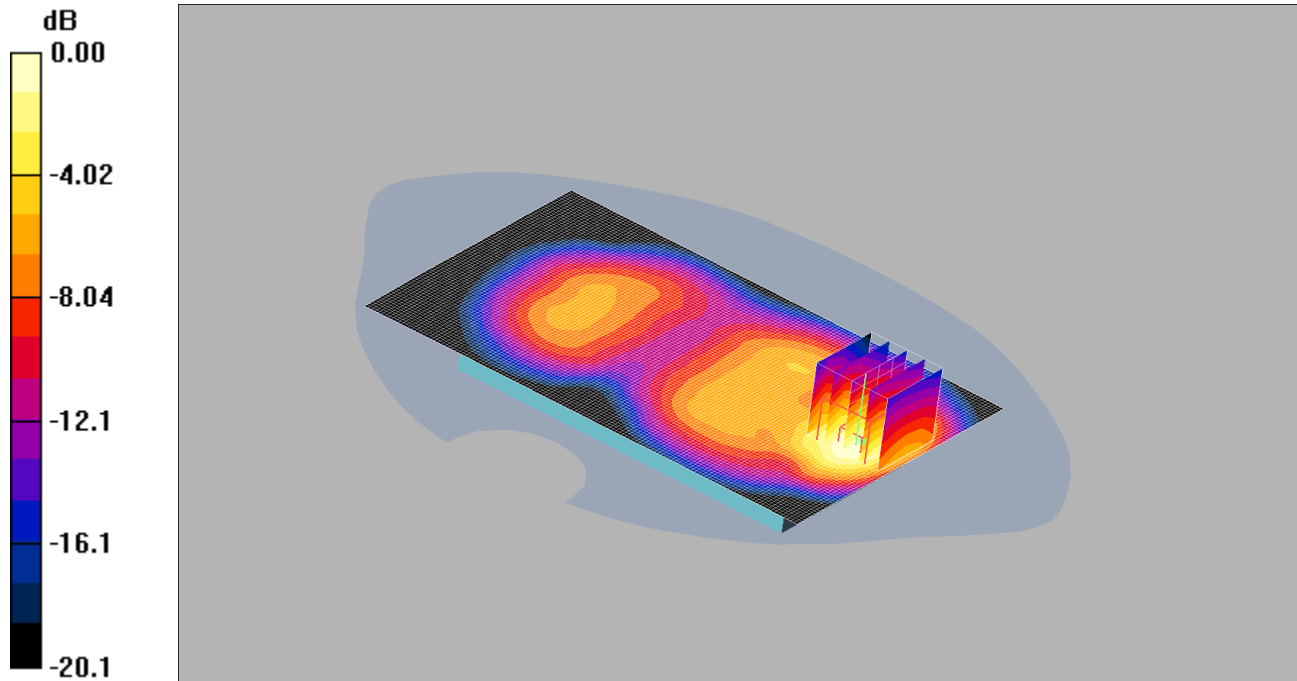
SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.620 mW/g

044: Back of EUT Facing Phantom UMTS FDD 2 CH9400

Date: 28/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



0 dB = 0.620mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

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

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

Reference Value = 6.69 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.964 W/kg

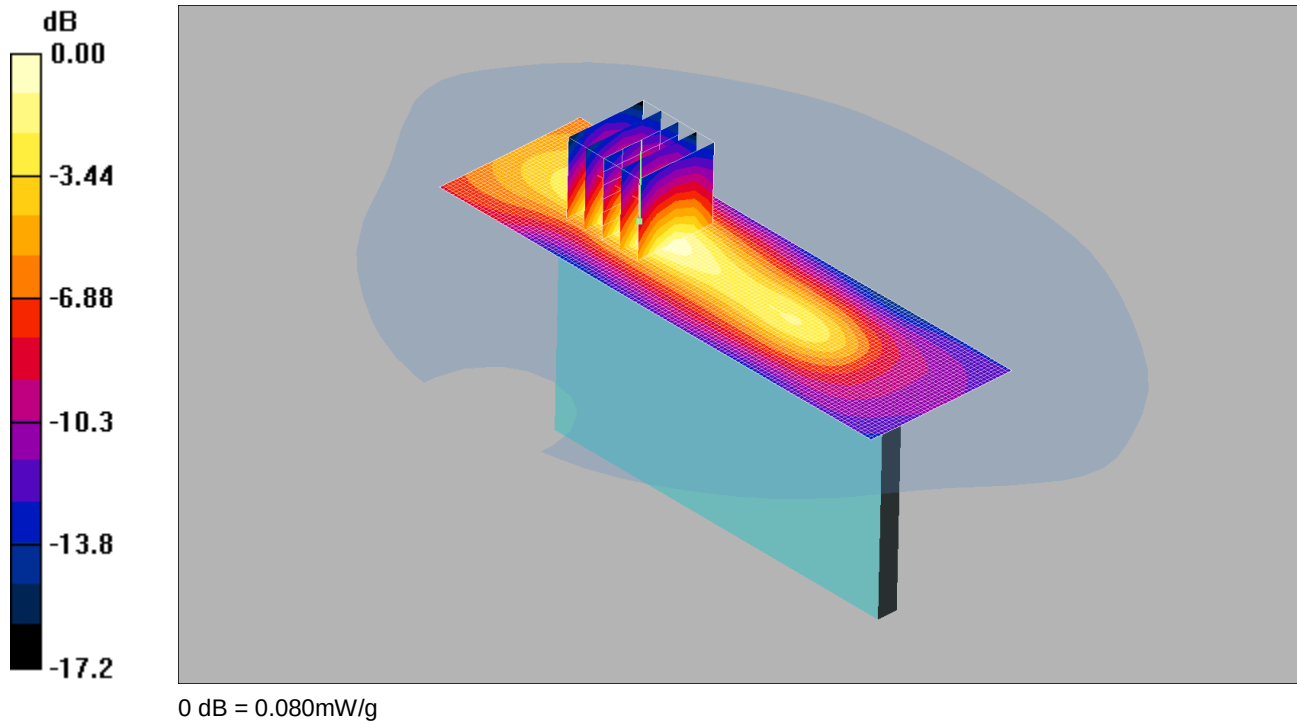
SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.620 mW/g

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

Date: 28/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side - Middle/Area Scan (41x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.082 mW/g

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

Reference Value = 5.39 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.041 mW/g

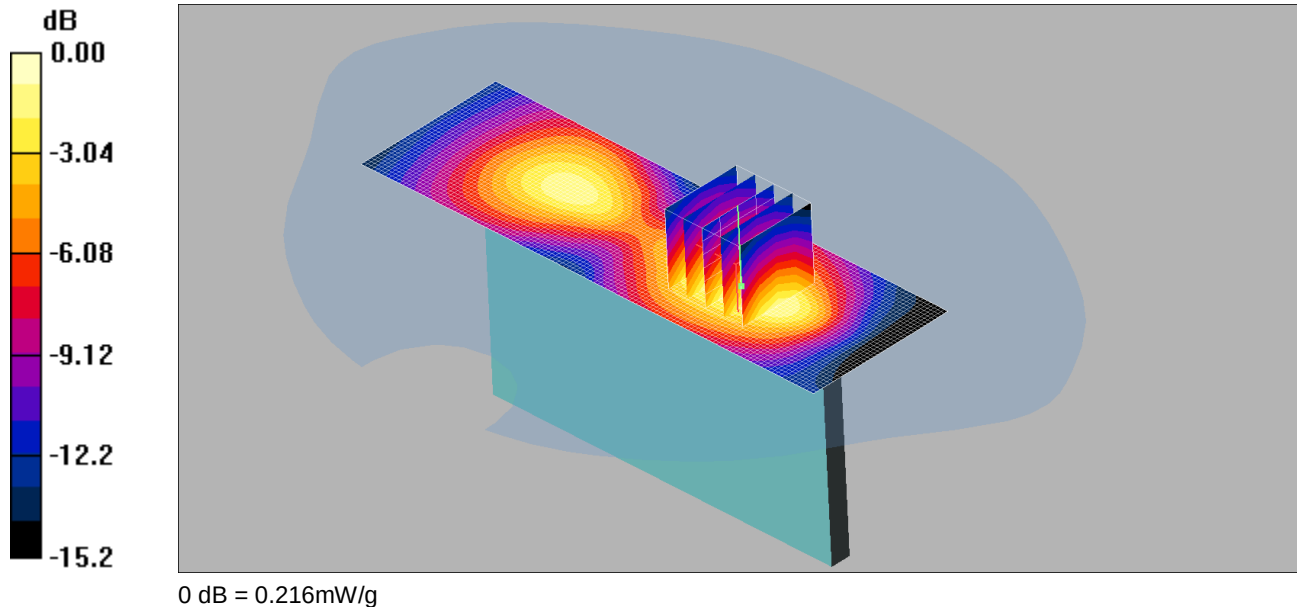
Maximum value of SAR (measured) = 0.080 mW/g

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

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

Date: 29/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Hand Side - Middle/Area Scan (41x131x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 6.64 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.308 W/kg

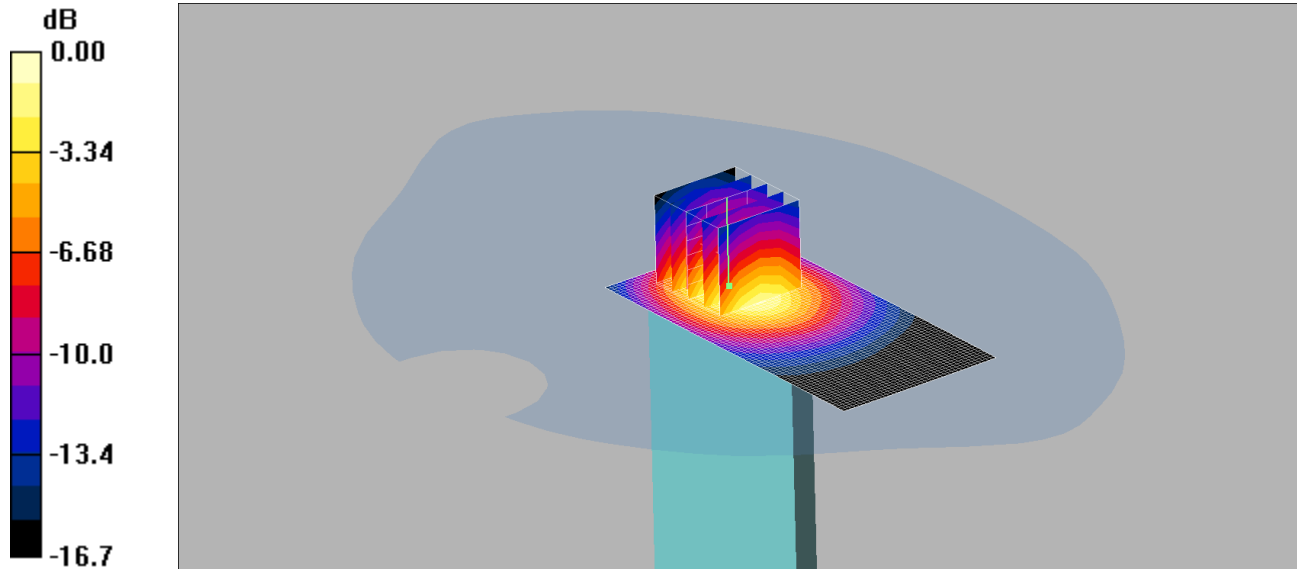
SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.216 mW/g

047: Bottom of EUT Facing Phantom UMTS FDD 2 CH9400

Date: 29/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



0 dB = 0.526mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side - Middle/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.543 mW/g

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

Reference Value = 18.2 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.776 W/kg

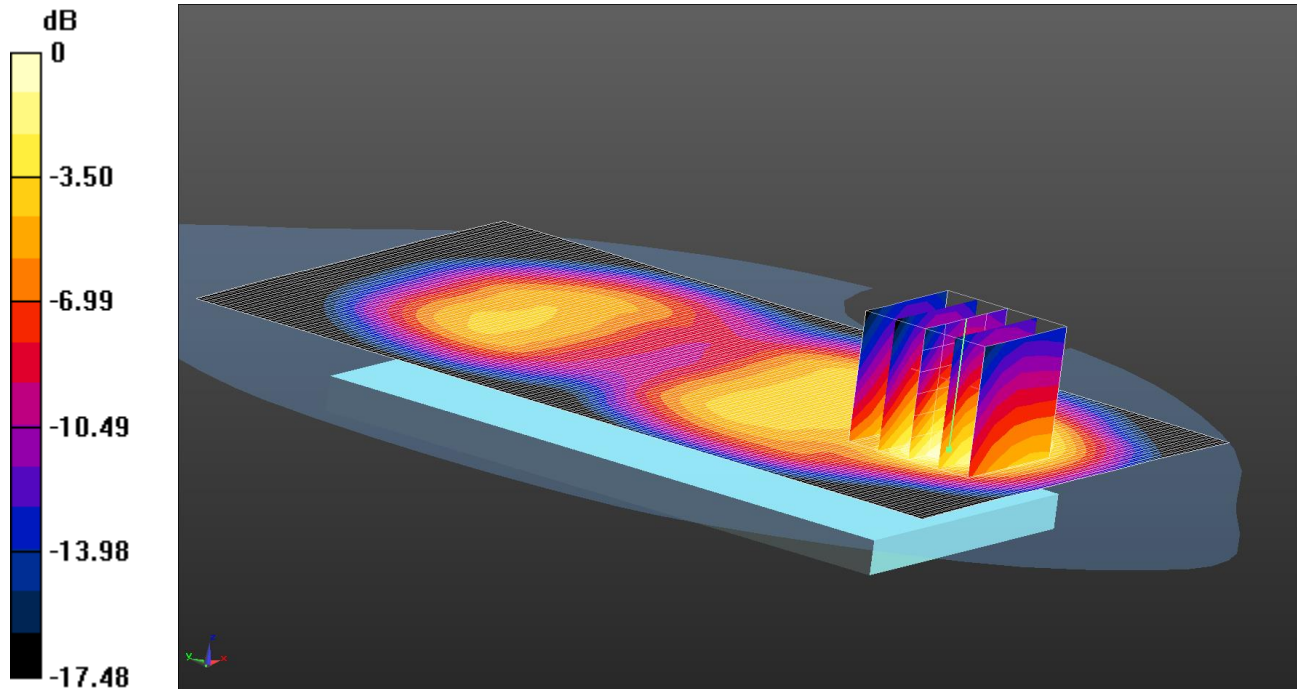
SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.280 mW/g

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

048: Back of EUT Facing Phantom UMTS FDD 2 CH9262

Date: 29/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



0 dB = 0.499mW/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; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.492 mW/g

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

Reference Value = 7.13 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.755 W/kg

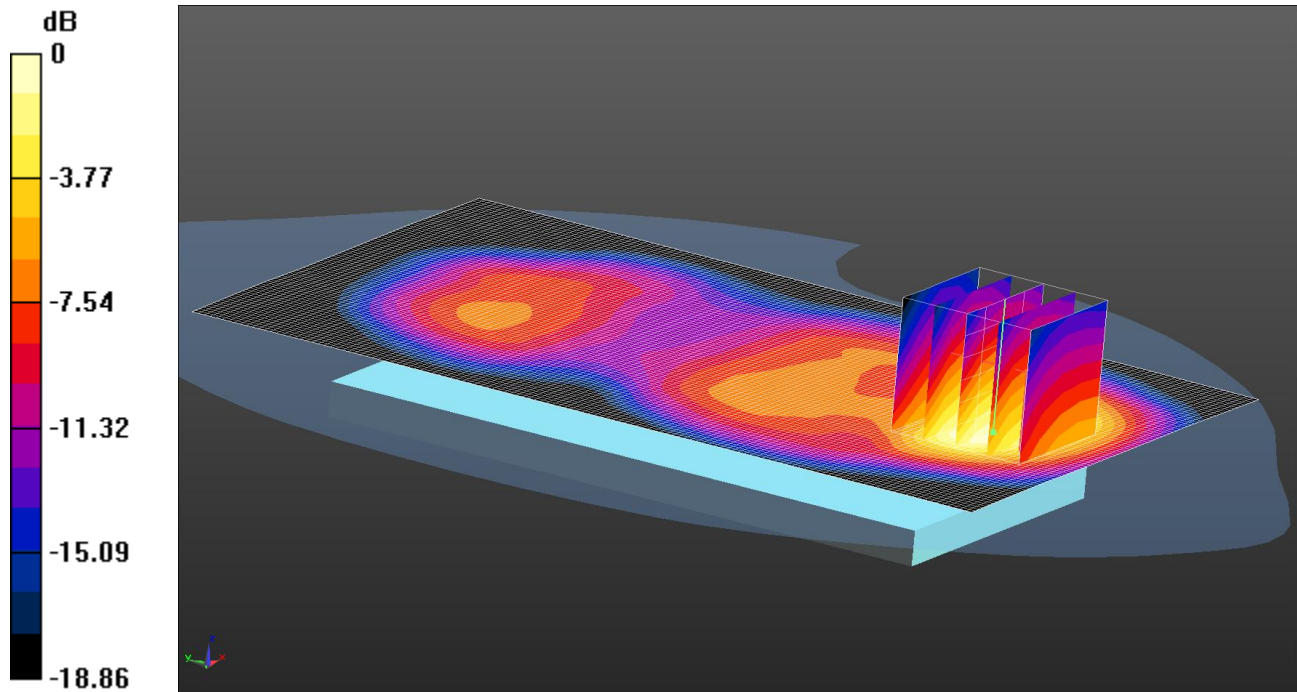
SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 0.499 mW/g

049: Back of EUT Facing Phantom UMTS FDD 2 CH9538

Date: 29/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



0 dB = 0.738mW/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; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.736 mW/g

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

Reference Value = 7.01 V/m; Power Drift = 0.107 dB

Peak SAR (extrapolated) = 1.13 W/kg

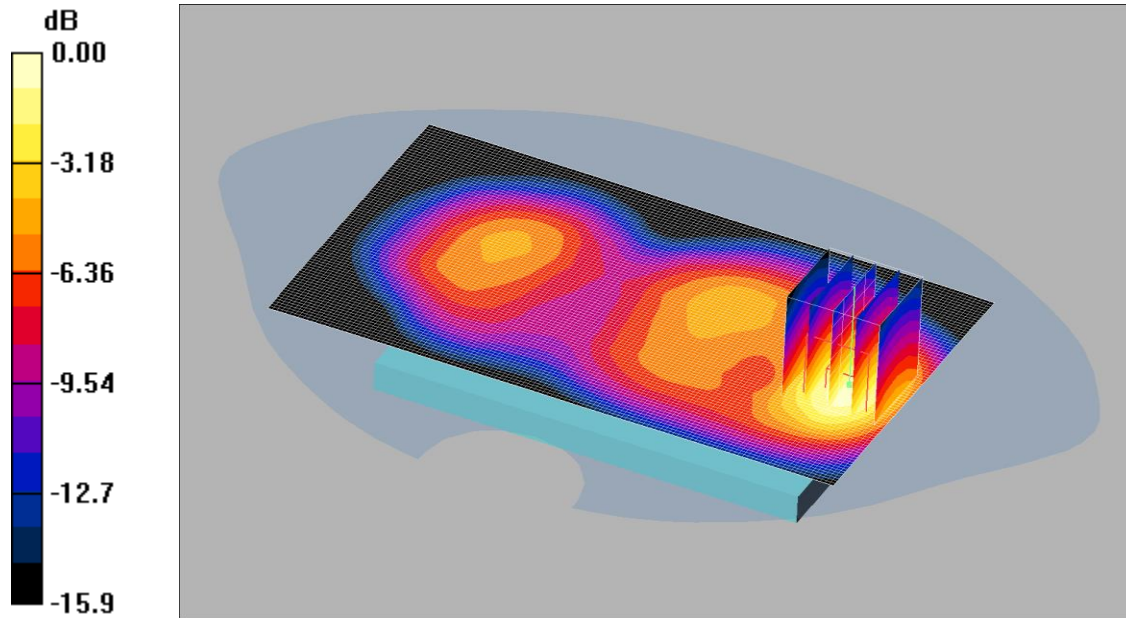
SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.380 mW/g

Maximum value of SAR (measured) = 0.738 mW/g

050: Front of EUT Facing Phantom at 15mm UMTS FDD 2 CH9538

Date: 29/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



0 dB = 0.566mW/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; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.552 mW/g

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

Reference Value = 8.43 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.831 W/kg

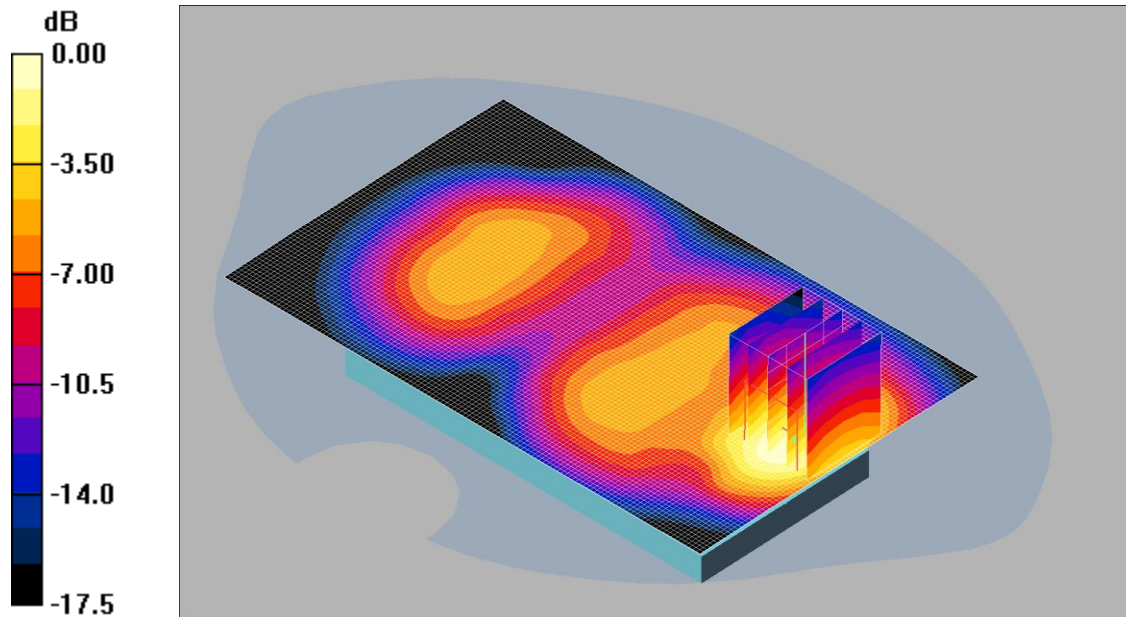
SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.296 mW/g

Maximum value of SAR (measured) = 0.566 mW/g

051: Back of EUT Facing Phantom at 15mm UMTS FDD 2 CH9538

Date: 29/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



0 dB = 0.460mW/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; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

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

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

Reference Value = 6.46 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.680 W/kg

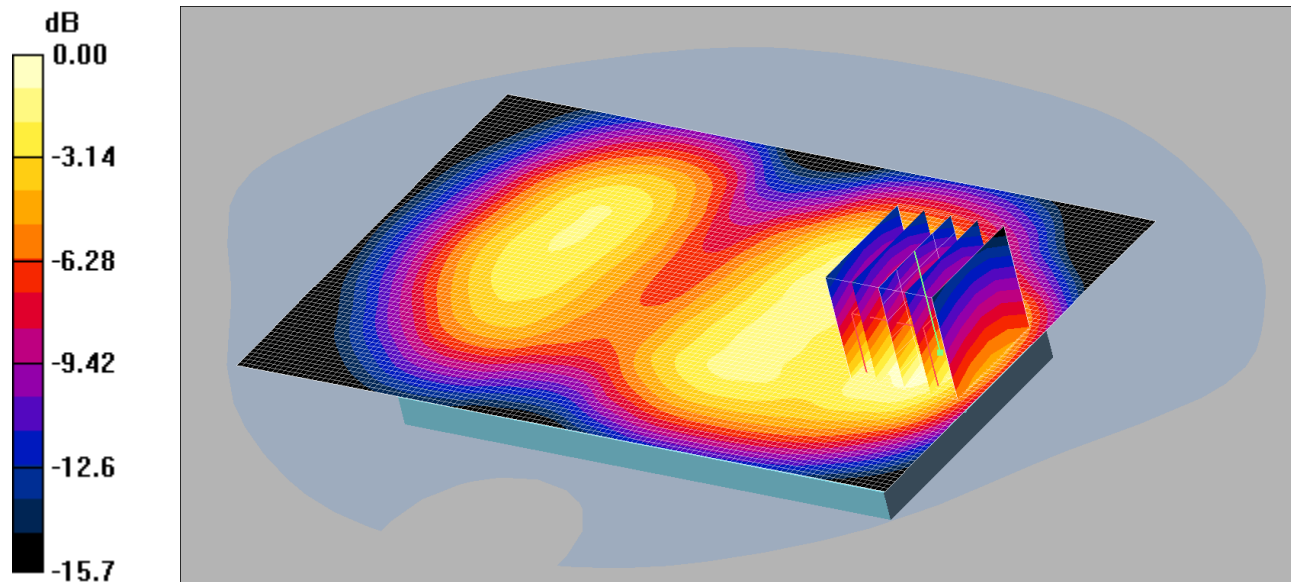
SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.460 mW/g

052: Front of EUT Facing Phantom at 15mm UMTS FDD 2 CH9262

Date: 29/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



0 dB = 0.381mW/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; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.383 mW/g

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

Reference Value = 8.87 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.554 W/kg

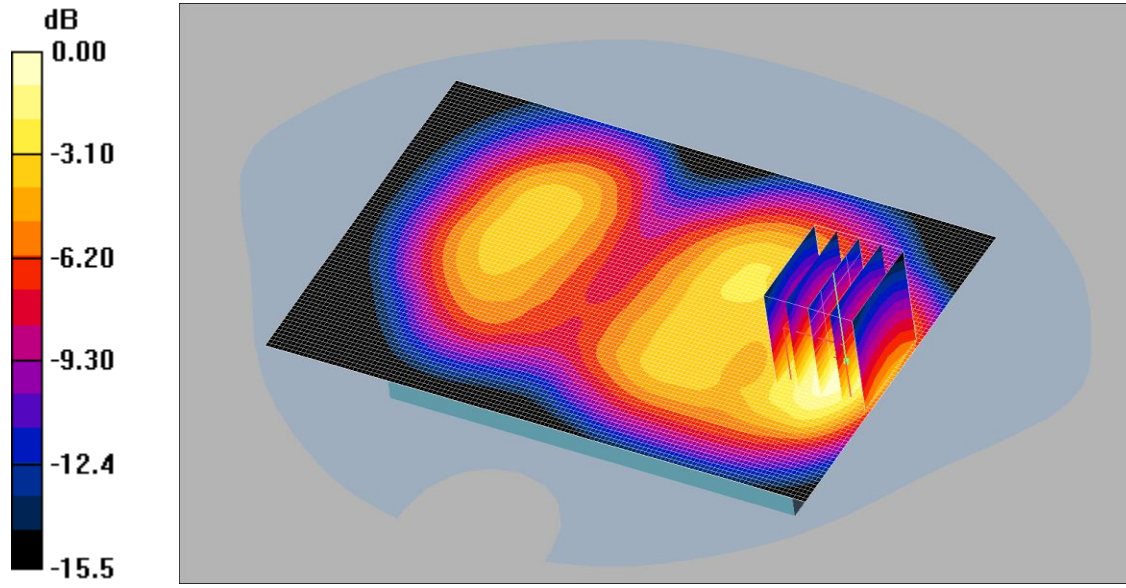
SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.211 mW/g

Maximum value of SAR (measured) = 0.381 mW/g

053: Front of EUT Facing Phantom at 15mm UMTS FDD 2 CH9400

Date: 29/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



0 dB = 0.475mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ 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:1805
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.486 mW/g

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

Reference Value = 8.47 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 0.692 W/kg

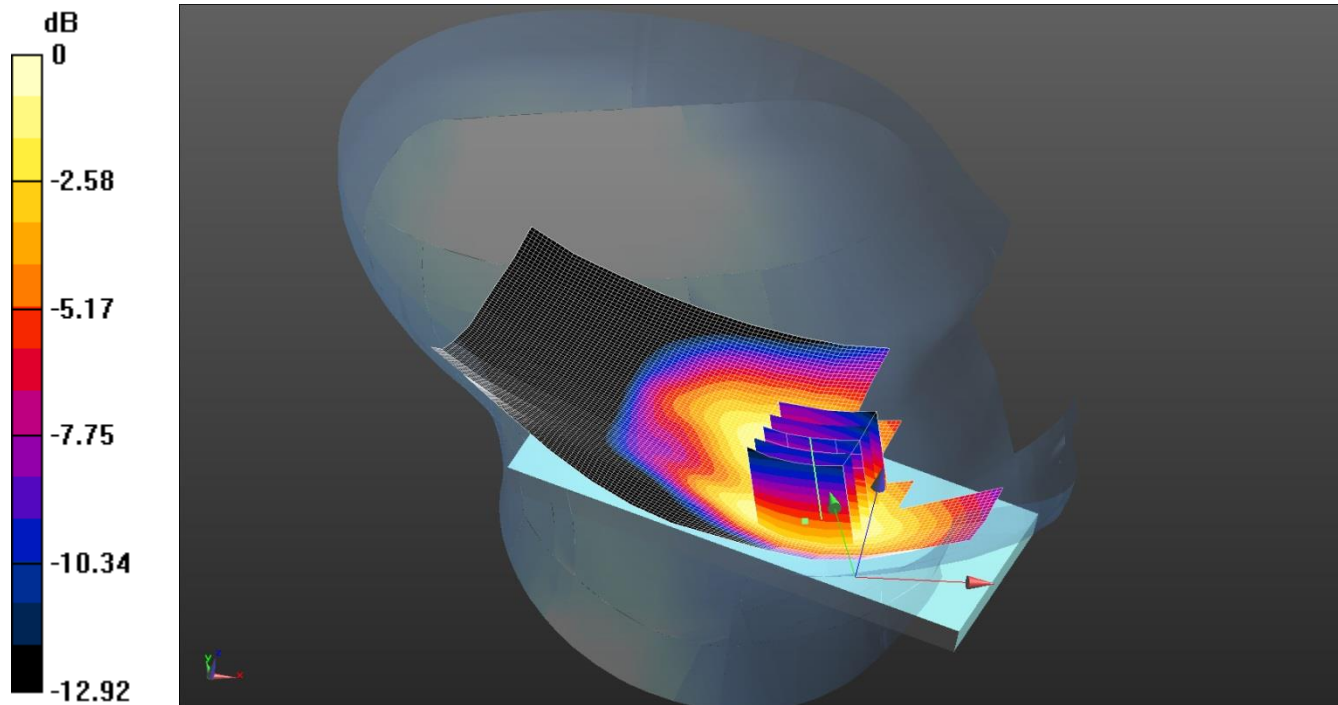
SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.475 mW/g

054: Touch Left UMTS FDD 4 CH1412

Date: 27/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



0 dB = 0.520 W/kg = -2.84 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.32$ S/m; $\epsilon_r = 40.373$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.25, 5.25, 5.25); Calibrated: 16/04/2014;

Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 10/04/2014

- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Left - Middle/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.539 W/kg

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

Reference Value = 5.266 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.691 W/kg

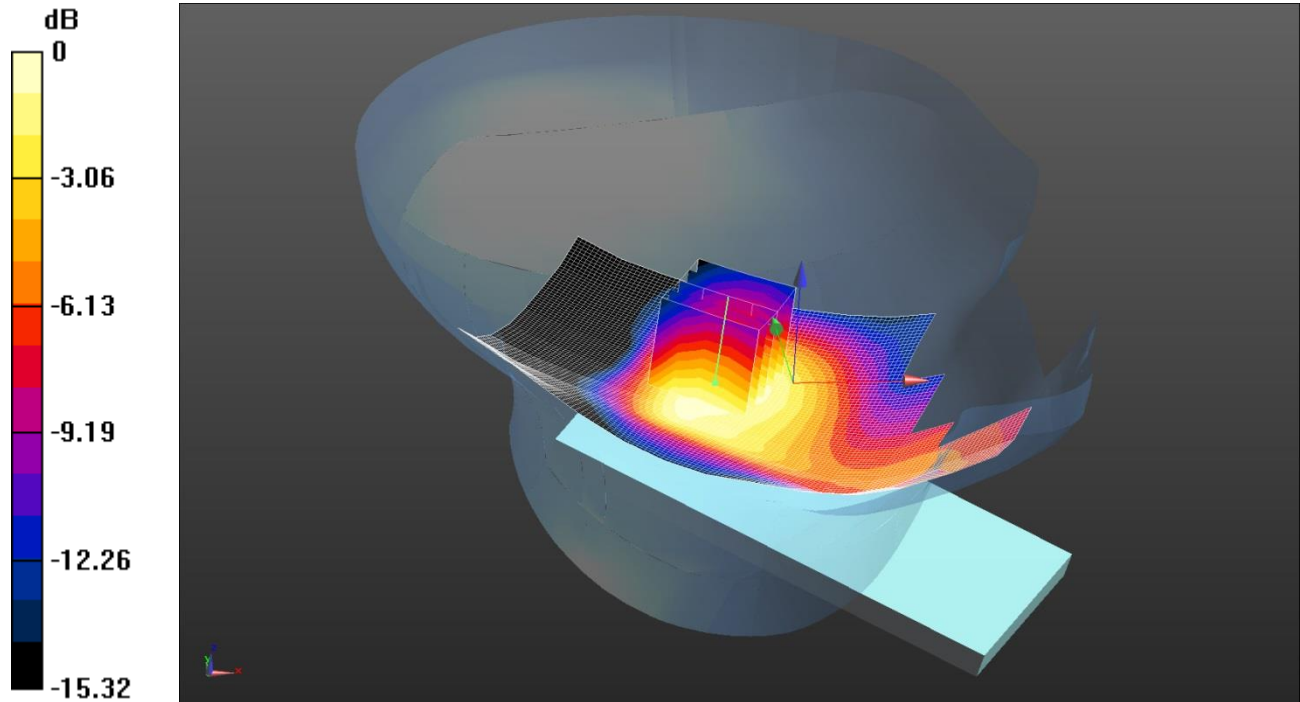
SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 0.520 W/kg

055: Tilt Left UMTS FDD 4 CH1412

Date: 27/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



0 dB = 0.292 W/kg = -5.35 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.32$ S/m; $\epsilon_r = 40.373$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.25, 5.25, 5.25); Calibrated: 16/04/2014;

Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 10/04/2014

- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Tilt Left - Middle/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.321 W/kg

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

Reference Value = 11.103 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.365 W/kg

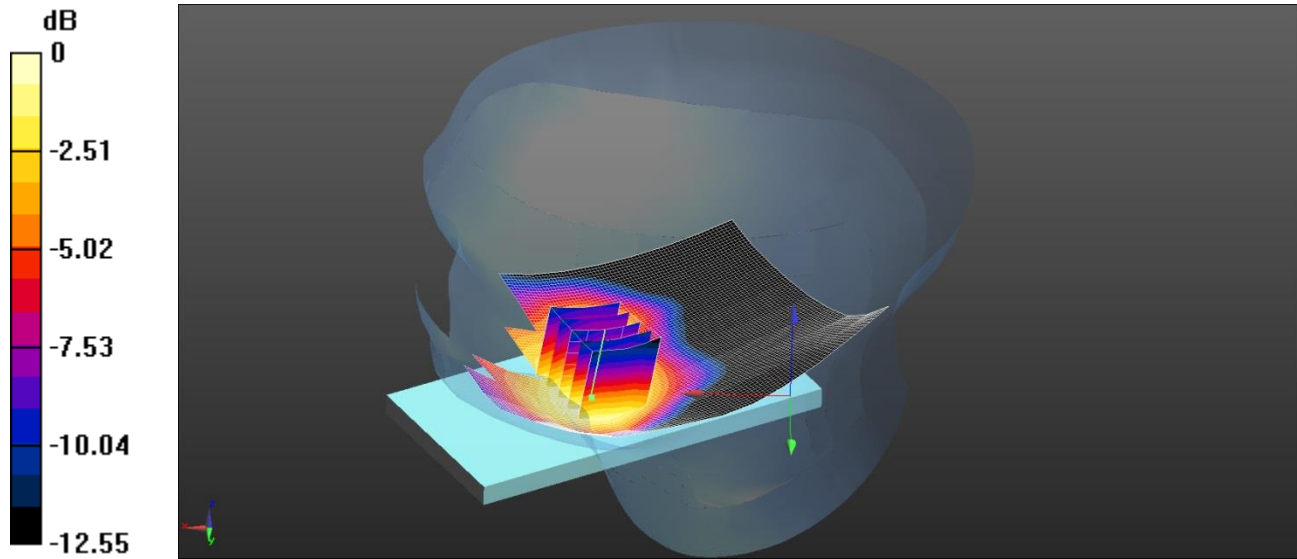
SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.184 W/kg

Maximum value of SAR (measured) = 0.292 W/kg

056: Touch Right UMTS FDD 4 CH1412

Date: 28/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



0 dB = 0.531 W/kg = -2.75 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.32$ S/m; $\epsilon_r = 40.373$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.25, 5.25, 5.25); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 10/04/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.543 W/kg

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

Reference Value = 5.293 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.640 W/kg

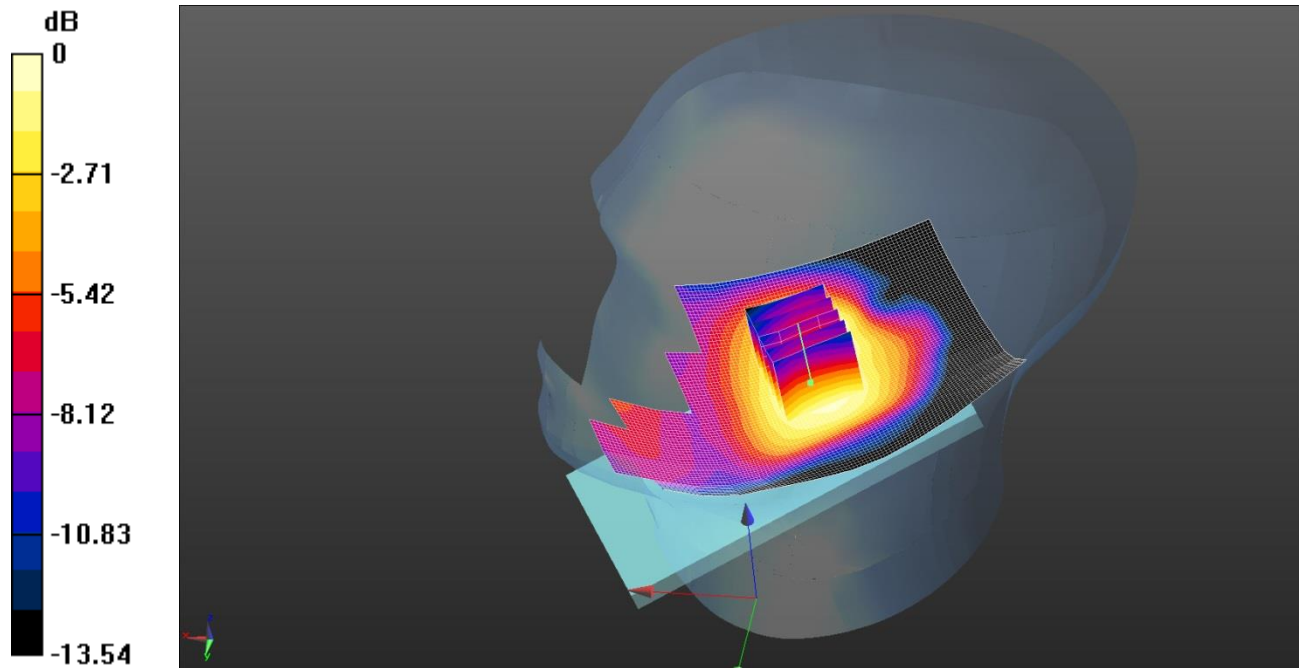
SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 0.531 W/kg

057: Tilt Right UMTS FDD 4 CH1412

Date: 27/05/2014

DUT: Sony; Type: FCC ID: PY7PM-0801; Serial: CB5A1Z1S1S



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

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.32$ S/m; $\epsilon_r = 40.373$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.25, 5.25, 5.25); Calibrated: 16/04/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 10/04/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Tilt Right - Middle/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.276 W/kg

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

Reference Value = 9.606 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.176 W/kg

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