

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
SCN/89439JD02/001	Touch Left GSM CH190
SCN/89439JD02/002	Tilt Left GSM CH190
SCN/89439JD02/003	Touch Right GSM CH190
SCN/89439JD02/004	Tilt Right GSM CH190
SCN/89439JD02/005	Touch Right GSM CH128
SCN/89439JD02/006	Touch Right GSM CH251
SCN/89439JD02/007	Front of EUT Facing Phantom GPRS CH190
SCN/89439JD02/008	Back of EUT Facing Phantom GPRS CH190
SCN/89439JD02/009	Back of EUT Facing Phantom GPRS CH128
SCN/89439JD02/010	Back of EUT Facing Phantom GPRS CH251
SCN/89439JD02/011	Left Hand Side of EUT Facing Phantom GPRS CH190
SCN/89439JD02/012	Left Hand Side of EUT Facing Phantom GPRS CH128
SCN/89439JD02/013	Left Hand Side of EUT Facing Phantom GPRS CH251
SCN/89439JD02/014	Right Hand Side of EUT Facing Phantom GPRS CH190
SCN/89439JD02/015	Right Hand Side of EUT Facing Phantom GPRS CH128
SCN/89439JD02/016	Right Hand Side of EUT Facing Phantom GPRS CH251
SCN/89439JD02/017	Bottom of EUT Facing Phantom GPRS CH190
SCN/89439JD02/018	Back of EUT Facing Phantom at 15mm GSM CH190
SCN/89439JD02/019	Back of EUT Facing Phantom at 15mm GSM CH128
SCN/89439JD02/020	Back of EUT Facing Phantom at 15mm GSM CH251
SCN/89439JD02/021	Back of EUT Facing Phantom at 15mm with PHF GSM CH128
SCN/89439JD02/022	Touch Left PCS1900 CH661
SCN/89439JD02/023	Tilt Left PCS1900 CH661
SCN/89439JD02/024	Touch Right PCS1900 CH661
SCN/89439JD02/025	Tilt Right PCS1900 CH661
SCN/89439JD02/026	Touch Right PCS1900 CH512
SCN/89439JD02/027	Touch Right PCS1900 CH810
SCN/89439JD02/028	Front of EUT Facing Phantom GPRS CH661
SCN/89439JD02/029	Back of EUT Facing Phantom GPRS CH661
SCN/89439JD02/030	Left Hand Side of EUT Facing Phantom GPRS CH661
SCN/89439JD02/031	Right Hand Side of EUT Facing Phantom GPRS CH661
SCN/89439JD02/032	Bottom of EUT Facing Phantom GPRS CH661
SCN/89439JD02/033	Front of EUT Facing Phantom GPRS CH512

SAR Distribution Scans (Continued)

Scan Reference Number	Title
SCN/89439JD02/034	Front of EUT Facing Phantom GPRS CH810
SCN/89439JD02/035	Front of EUT Facing Phantom PCS CH512
SCN/89439JD02/036	Front of EUT Facing Phantom PCS CH661
SCN/89439JD02/037	Front of EUT Facing Phantom PCS CH810
SCN/89439JD02/038	Back of EUT Facing Phantom with PHF PCS CH512
SCN/89439JD02/039	Touch Left UMTS FDD 5 CH4183
SCN/89439JD02/040	Tilt Left UMTS FDD 5 CH4183
SCN/89439JD02/041	Touch Right UMTS FDD 5 CH4183
SCN/89439JD02/042	Tilt Right UMTS FDD 5 CH4183
SCN/89439JD02/043	Touch Right UMTS FDD 5 CH4132
SCN/89439JD02/044	Touch Right UMTS FDD 5 CH4233
SCN/89439JD02/045	Front of EUT Facing Phantom UMTS FDD 5 CH4183
SCN/89439JD02/046	Front of EUT Facing Phantom UMTS FDD 5 CH4132
SCN/89439JD02/047	Front of EUT Facing Phantom UMTS FDD 5 CH4233
SCN/89439JD02/048	Back of EUT Facing Phantom UMTS FDD 5 CH4183
SCN/89439JD02/049	Left Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183
SCN/89439JD02/050	Left Hand Side of EUT Facing Phantom UMTS FDD 5 CH4132
SCN/89439JD02/051	Left Hand Side of EUT Facing Phantom UMTS FDD 5 CH4233
SCN/89439JD02/052	Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183
SCN/89439JD02/053	Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4132
SCN/89439JD02/054	Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4233
SCN/89439JD02/055	Bottom of EUT Facing Phantom UMTS FDD 5 CH4183
SCN/89439JD02/056	Front of EUT Facing Phantom at 15mm UMTS FDD 5 CH4183
SCN/89439JD02/057	Front of EUT Facing Phantom at 15mm UMTS FDD 5 CH4132
SCN/89439JD02/058	Front of EUT Facing Phantom at 15mm UMTS FDD 5 CH4233
SCN/89439JD02/059	Front of EUT Facing Phantom with PHF at 15mm UMTS FDD 5 CH4132
SCN/89439JD02/060	Touch Left LTE Band 5 10 MHz BW 50% RB QPSK CH20525
SCN/89439JD02/061	Touch Left LTE Band 5 10MHz BW 1RB Low End QPSK CH20525
SCN/89439JD02/062	Touch Left LTE Band 5 10MHz BW 1RB High End QPSK CH20525
SCN/89439JD02/063	Touch Left LTE Band 5 10MHz BW 50% RB 16-QAM CH20525
SCN/89439JD02/064	Touch Left LTE Band 5 10MHz BW 1RB Low End 16-QAM CH20525
SCN/89439JD02/065	Touch Left LTE Band 5 10MHz BW 1RB High End 16-QAM CH20525
SCN/89439JD02/066	Tilt Left LTE Band 5 10 MHz BW 50% RB QPSK CH20525
SCN/89439JD02/067	Tilt Left LTE Band 5 10MHz BW 1RB Low End QPSK CH20525
SCN/89439JD02/068	Tilt Left LTE Band 5 10MHz BW 1RB High End QPSK CH20525
SCN/89439JD02/069	Tilt Left LTE Band 5 10MHz BW 50%RB 16-QAM CH20525
SCN/89439JD02/070	Tilt Left LTE Band 5 10MHz BW 1RB Low End 16-QAM CH20525

SAR Distribution Scans (Continued)

Scan Reference Number	Title
SCN/89439JD02/071	Tilt Left LTE Band 5 10MHz BW 1RB High End 16-QAM CH20525
SCN/89439JD02/072	Touch Right LTE Band 5 10 MHz BW 50% RB QPSK CH20525
SCN/89439JD02/073	Touch Right LTE Band 5 10 MHz BW 1 RB Low End QPSK CH20525
SCN/89439JD02/074	Touch Right LTE Band 5 10 MHz BW 1 RB High End QPSK CH20525
SCN/89439JD02/075	Touch Right LTE Band 5 10 MHz BW 50% RB 16-QAM CH20525
SCN/89439JD02/076	Touch Right LTE Band 5 10 MHz BW 1 RB Low End 16-QAM CH20525
SCN/89439JD02/077	Touch Right LTE Band 5 10 MHz BW 1 RB High End 16-QAM CH20525
SCN/89439JD02/078	Tilt Right LTE Band 5 10 MHz BW 50% RB QPSK CH20525
SCN/89439JD02/079	Tilt Right LTE Band 5 10MHz BW 1RB Low End QPSK CH20525
SCN/89439JD02/080	Tilt Right LTE Band 5 10MHz BW 1RB High End QPSK CH20525
SCN/89439JD02/081	Tilt Right LTE Band 5 10MHz BW 50% RB 16-QAM CH20525
SCN/89439JD02/082	Tilt Right LTE Band 5 10MHz BW 1 RB Low End 16-QAM CH20525
SCN/89439JD02/083	Tilt Right LTE Band 5 10MHz BW 1 RB High End 16-QAM CH20525
SCN/89439JD02/084	Touch Left LTE Band 5 10MHz BW 1RB High End QPSK CH20450
SCN/89439JD02/085	Touch Left LTE Band 5 10MHz BW 1RB High End QPSK CH20600
SCN/89439JD02/086	Front of EUT Facing Phantom 5 10 MHz BW 50% RB QPSK CH20525
SCN/89439JD02/087	Front of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End QPSK CH2052
SCN/89439JD02/088	Front of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20525
SCN/89439JD02/089	Front of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB 16-QAM CH20525
SCN/89439JD02/090	Front of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Low End 16-QAM CH20525
SCN/89439JD02/091	Front of EUT Facing Phantom LTE Band 5 10MHz BW 1RB High End 16-QAM CH20525
SCN/89439JD02/092	Back of EUT Facing Phantom 5 10 MHz BW 50% RB QPSK CH20525
SCN/89439JD02/093	Back of EUT Facing Phantom 5 10 MHz BW 1 RB Low End QPSK CH20525
SCN/89439JD02/094	Back of EUT Facing Phantom 5 10 MHz BW 1 RB High End QPSK CH20525
SCN/89439JD02/095	Back of EUT Facing Phantom 5 10 MHz BW 50% RB 16-QAM CH20525
SCN/89439JD02/096	Back of EUT Facing Phantom 5 10 MHz BW 1 RB Low End 16-QAM CH20525
SCN/89439JD02/097	Back of EUT Facing Phantom 5 10 MHz BW 1 RB High End 16-QAM CH20525

SAR Distribution Scans (Continued)

Scan Reference Number	Title
SCN/89439JD02/098	Left Hand Side of EUT Facing Phantom 5 10 MHz BW 50% RB QPSK CH20525
SCN/89439JD02/099	Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End QPSK CH20525
SCN/89439JD02/100	Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20525
SCN/89439JD02/101	Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB 16-QAM CH20525
SCN/89439JD02/102	Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End 16-QAM CH20525
SCN/89439JD02/103	Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End 16-QAM CH20525
SCN/89439JD02/104	Right Hand Side of EUT Facing Phantom 5 10 MHz BW 50% RB QPSK CH20525
SCN/89439JD02/105	Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End QPSK CH20525
SCN/89439JD02/106	Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20525
SCN/89439JD02/107	Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB 16-QAM CH20525
SCN/89439JD02/108	Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End 16-QAM CH20525
SCN/89439JD02/109	Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End 16-QAM CH20525
SCN/89439JD02/110	Bottom of EUT Facing Phantom 5 10 MHz BW 50% RB QPSK CH20525
SCN/89439JD02/111	Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End QPSK CH20525
SCN/89439JD02/112	Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20525
SCN/89439JD02/113	Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB 16-QAM CH20525
SCN/89439JD02/114	Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End QPSK CH20525
SCN/89439JD02/115	Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20525
SCN/89439JD02/116	Front of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End QPSK CH20450
SCN/89439JD02/117	Front of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20600
SCN/89439JD02/118	Front of EUT Facing Phantom at 15mm With PHF LTE Band 5 10MHz BW 1 RB Low End QPSK CH20450
SCN/89439JD02/119	Touch Left LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
SCN/89439JD02/120	Touch Left LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20525
SCN/89439JD02/121	Touch Left LTE Band 5 1.4MHz BW 1 RB High End QPSK CH20525
SCN/89439JD02/122	Touch Left LTE Band 5 1.4MHz BW 50% RB 16-QAM CH20525

SAR Distribution Scans (Continued)

Scan Reference Number	Title
SCN/89439JD02/123	Touch Left LTE Band 5 1.4MHz BW 1 RB Low End 16-QAM CH20525
SCN/89439JD02/124	Touch Left LTE Band 5 1.4MHz BW 1 RB High End 16-QAM CH20525
SCN/89439JD02/125	Tilt Left LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
SCN/89439JD02/126	Tilt Left LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20525
SCN/89439JD02/127	Tilt Left LTE Band 5 1.4MHz BW 1 RB High End QPSK CH20525
SCN/89439JD02/128	Tilt Left LTE Band 5 1.4MHz BW 50% RB 16-QAM CH20525
SCN/89439JD02/129	Tilt Left LTE Band 5 1.4MHz BW 1 RB Low End 16-QAM CH20525
SCN/89439JD02/130	Tilt Left LTE Band 5 1.4MHz BW 1 RB High End 16-QAM CH20525
SCN/89439JD02/131	Touch Right LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
SCN/89439JD02/132	Touch Right LTE Band 5 1.4MHz BW 50% RB QPSK CH20407
SCN/89439JD02/133	Touch Right LTE Band 5 1.4MHz BW 50% RB QPSK CH20643
SCN/89439JD02/134	Touch Right LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20643
SCN/89439JD02/135	Touch Right LTE Band 5 1.4MHz BW 1 RB High End QPSK CH20643
SCN/89439JD02/136	Touch Right LTE Band 5 1.4MHz BW 50% RB 16-QAM CH20525
SCN/89439JD02/137	Touch Right LTE Band 5 1.4MHz BW 1RB Low End 16-QAM CH20525
SCN/89439JD02/138	Touch Right LTE Band 5 1.4MHz BW 1RB High End 16-QAM CH20525
SCN/89439JD02/139	Tilt Right LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
SCN/89439JD02/140	Tilt Right LTE Band 5 1.4MHz BW 1RB Low End QPSK CH20525
SCN/89439JD02/141	Tilt Right LTE Band 5 1.4MHz BW 1RB High End QPSK CH20525
SCN/89439JD02/142	Tilt Right LTE Band 5 1.4MHz BW 50%RB 16-QAM CH20525
SCN/89439JD02/143	Tilt Right LTE Band 5 1.4MHz BW 1RB Low End 16-QAM CH20525
SCN/89439JD02/144	Tilt Right LTE Band 5 1.4MHz BW 1RB High End 16-QAM CH20525
SCN/89439JD02/145	Touch Right LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20525
SCN/89439JD02/146	Touch Right LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20407
SCN/89439JD02/147	Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
SCN/89439JD02/148	Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20525
SCN/89439JD02/149	Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1 RB High End QPSK CH20525
SCN/89439JD02/150	Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB 16-QAM CH20525
SCN/89439JD02/151	Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End 16-QAM CH20525
SCN/89439JD02/152	Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End 16-QAM CH20525
SCN/89439JD02/153	Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
SCN/89439JD02/154	Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End QPSK CH20525

SAR Distribution Scans (Continued)

Scan Reference Number	Title
SCN/89439JD02/155	Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End QPSK CH20525
SCN/89439JD02/156	Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB 16-QAM CH20525
SCN/89439JD02/157	Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End 16-QAM CH20525
SCN/89439JD02/158	Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End 16-QAM CH20525
SCN/89439JD02/159	Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
SCN/89439JD02/160	Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End QPSK CH20525
SCN/89439JD02/161	Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End QPSK CH20525
SCN/89439JD02/162	Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB 16-QAM CH20525
SCN/89439JD02/163	Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End 16-QAM CH20525
SCN/89439JD02/164	Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End 16-QAM CH20525
SCN/89439JD02/165	Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
SCN/89439JD02/166	Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End QPSK CH20525
SCN/89439JD02/167	Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End QPSK CH20525
SCN/89439JD02/168	Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB 16-QAM CH20525
SCN/89439JD02/169	Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End 16-QAM CH20525
SCN/89439JD02/170	Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End 16-QAM CH20525
SCN/89439JD02/171	Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
SCN/89439JD02/172	Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End QPSK CH20525
SCN/89439JD02/173	Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End QPSK CH20525
SCN/89439JD02/174	Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 50%RB 16-QAM CH20525
SCN/89439JD02/175	Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End 16-QAM CH20525
SCN/89439JD02/176	Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End 16-QAM CH2052
SCN/89439JD02/177	Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20407

SAR Distribution Scans (Continued)

Scan Reference Number	Title
SCN/89439JD02/178	Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20643
SCN/89439JD02/179	Front of EUT Facing Phantom at 15mm With PHF LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20407
SCN/89439JD02/180	Touch Left WLAN802.11g 6Mbps CH6
SCN/89439JD02/181	Tilt Left WLAN802.11g 6Mbps CH6
SCN/89439JD02/182	Touch Right WLAN802.11g 6Mbps CH6
SCN/89439JD02/183	Tilt Right WLAN802.11g 6Mbps CH6
SCN/89439JD02/184	Touch Left WLAN802.11g 6Mbps CH1
SCN/89439JD02/185	Touch Left WLAN802.11g 6Mbps CH11
SCN/89439JD02/186	Touch Left WLAN802.11b 1Mbps CH1
SCN/89439JD02/187	Front of EUT Facing Phantom WLAN802.11g 6Mbps CH6
SCN/89439JD02/188	Back of EUT Facing Phantom WLAN802.11g 6Mbps CH6
SCN/89439JD02/189	Left Hand Side of EUT Facing Phantom WLAN802.11g 6Mbps CH6
SCN/89439JD02/190	Right Hand Side of EUT Facing Phantom WLAN802.11g 6Mbps CH6
SCN/89439JD02/191	Top of EUT Facing Phantom WLAN802.11g 6Mbps CH6
SCN/89439JD02/192	Front of EUT Facing Phantom WLAN802.11g 6Mbps CH1
SCN/89439JD02/193	Front of EUT Facing Phantom WLAN802.11g 6Mbps CH11
SCN/89439JD02/194	Front of EUT Facing Phantom WLAN802.11b 1Mbps CH1
SCN/89439JD02/195	Front of EUT Facing Phantom at 15mm WLAN802.11g 6Mbps CH11
SCN/89439JD02/196	Front of EUT Facing Phantom at 15mm WLAN802.11b 1Mbps CH1
SCN/89439JD02/197	Front of EUT Facing Phantom at 15mm with PHF WLAN802.11g 6Mbps CH11
SCN/89439JD02/198	System Performance Check 900MHz Head 07 09 12
SCN/89439JD02/199	System Performance Check 900MHz Head 13 09 12
SCN/89439JD02/200	System Performance Check 900MHz Head 13 11 12
SCN/89439JD02/201	System Performance Check 900MHz Head 14 11 12
SCN/89439JD02/202	System Performance Check 900MHz Head 14 09 12
SCN/89439JD02/203	System Performance Check 900MHz Body 08 09 12
SCN/89439JD02/204	System Performance Check 900MHz Body 10 09 12
SCN/89439JD02/205	System Performance Check 900MHz Body 11 09 12
SCN/89439JD02/206	System Performance Check 900MHz Body 15 09 12
SCN/89439JD02/207	System Performance Check 900MHz Body 17 09 12
SCN/89439JD02/208	System Performance Check 900MHz Body 10 11 12
SCN/89439JD02/209	System Performance Check 900MHz Body 12 11 12
SCN/89439JD02/210	System Performance Check 900MHz Body 13 11 12

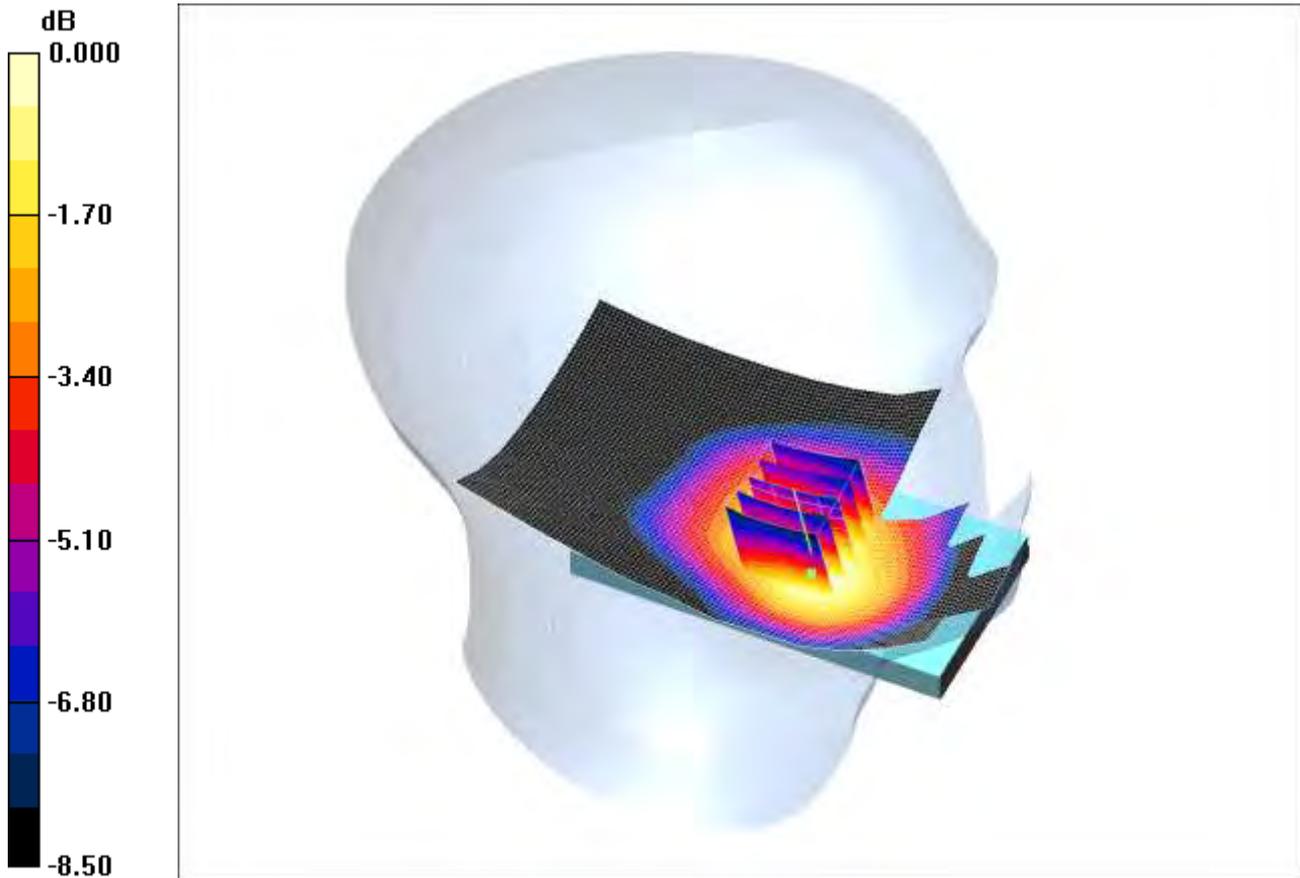
SAR Distribution Scans (Continued)

Scan Reference Number	Title
SCN/89439JD02/211	System Performance Check 1900MHz Head 12 09 12
SCN/89439JD02/212	System Performance Check 1900MHz Body 08 09 12
SCN/89439JD02/213	System Performance Check 1900MHz Body 10 09 12
SCN/89439JD02/214	System Performance Check 2450MHz Head 17 09 12
SCN/89439JD02/215	System Performance Check 2450MHz Body 14 09 12

SCN/89439JD02/001: Touch Left GSM CH190

Date: 07/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.780mW/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; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.756 mW/g

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

Reference Value = 8.98 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.880 W/kg

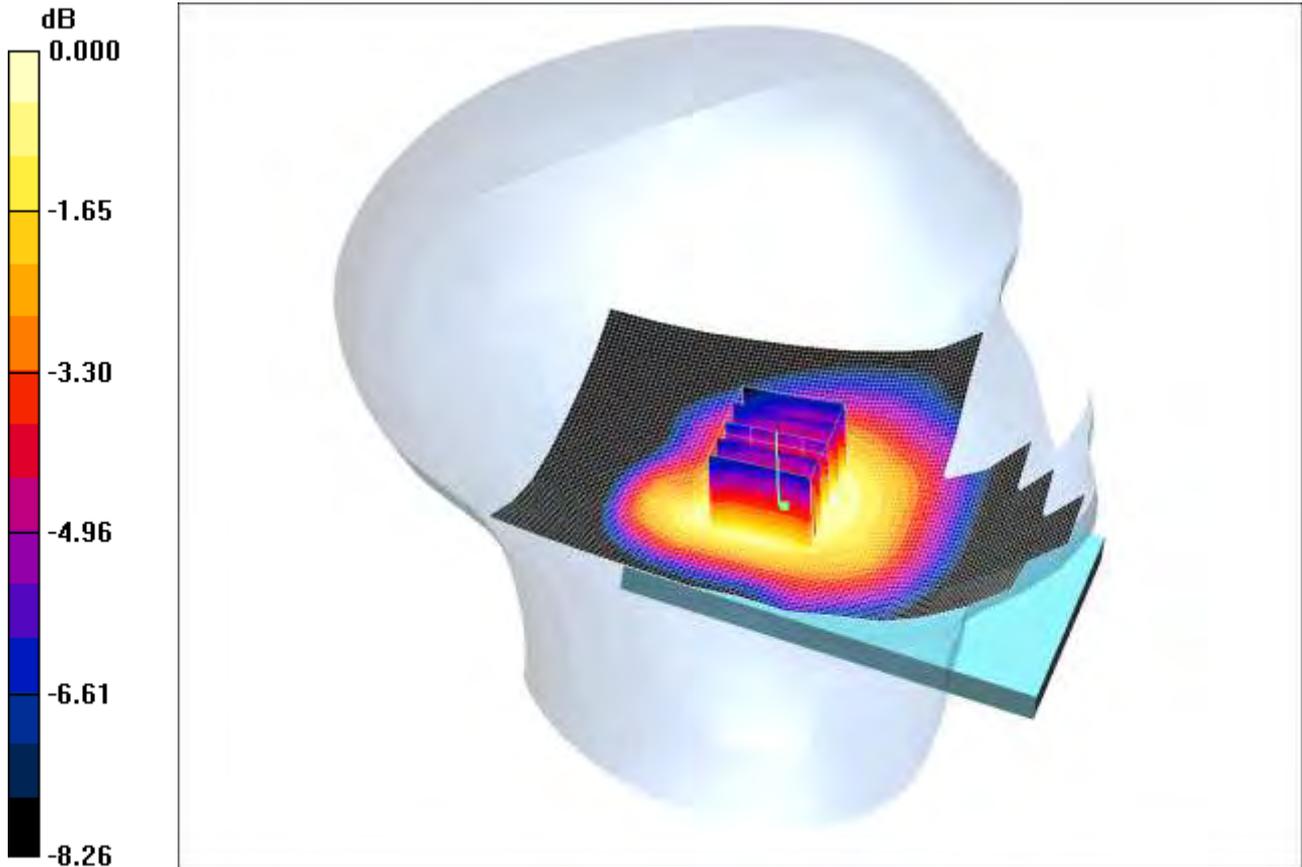
SAR(1 g) = 0.693 mW/g; SAR(10 g) = 0.524 mW/g.

Maximum value of SAR (measured) = 0.780 mW/g

SCN/89439JD02/002: Tilt Left GSM CH190

Date: 07/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.470mW/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; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.477 mW/g

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

Reference Value = 14.8 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 0.516 W/kg

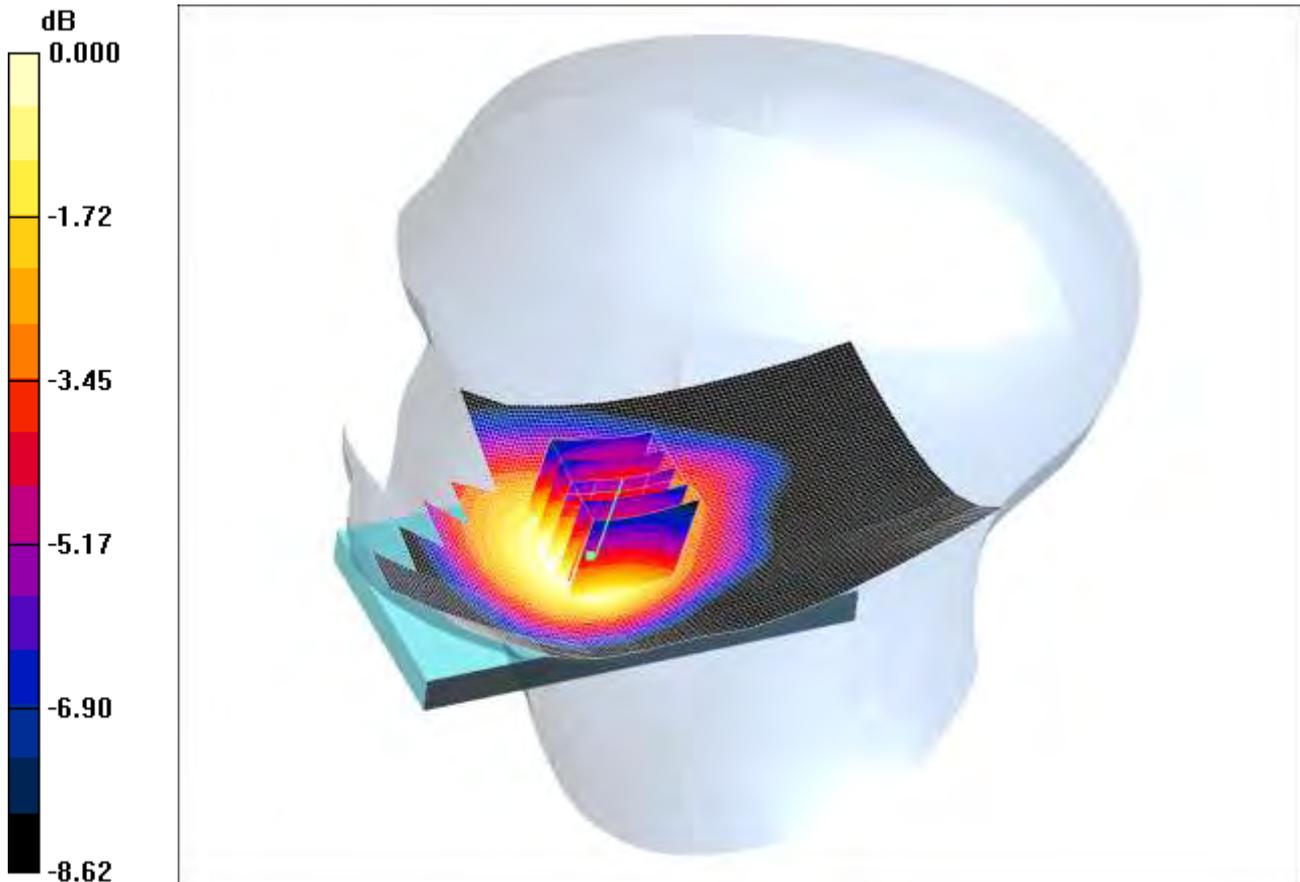
SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.328 mW/g

Maximum value of SAR (measured) = 0.470 mW/g

SCN/89439JD02/003: Touch Right GSM CH190

Date: 07/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.785mW/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; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 10.4 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.863 W/kg

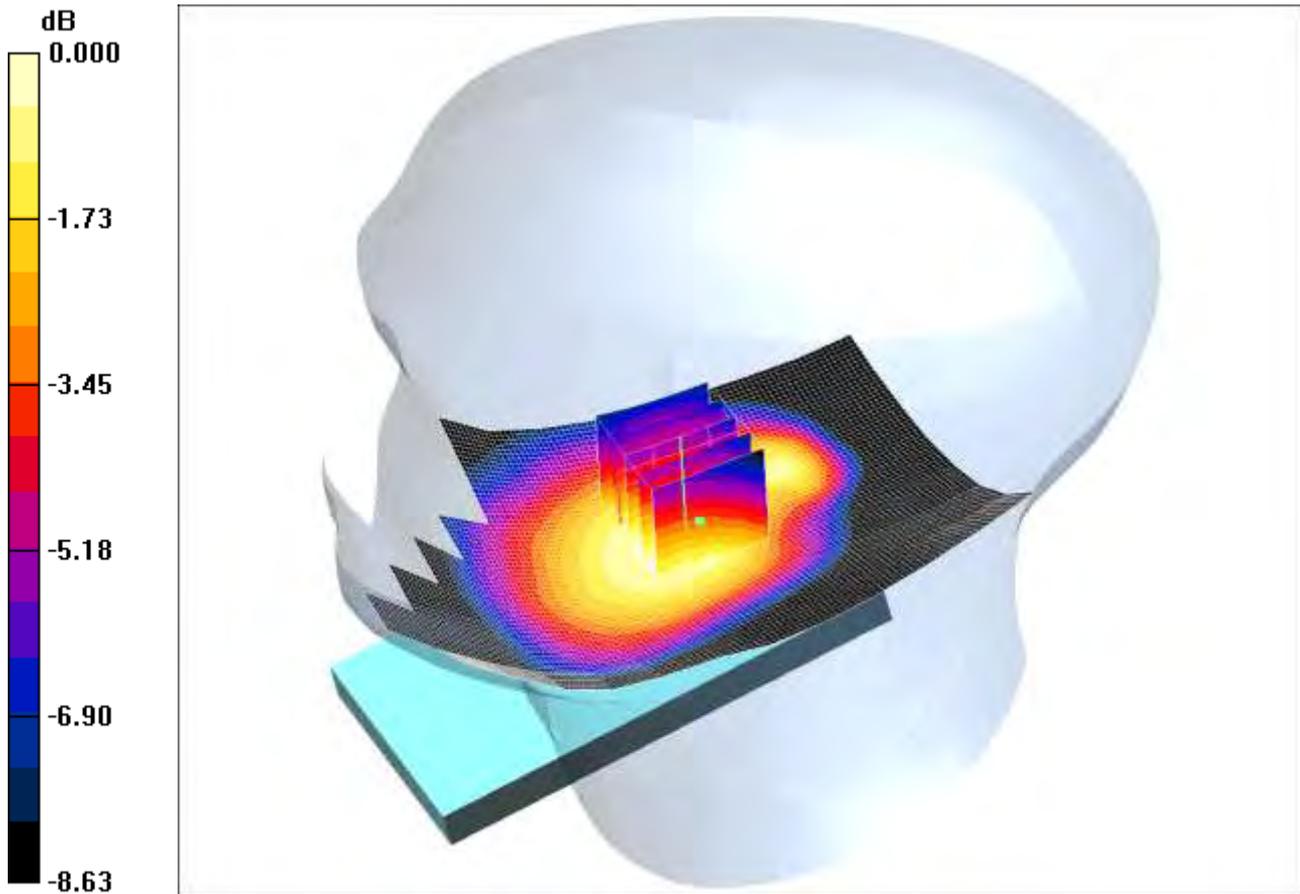
SAR(1 g) = 0.715 mW/g; SAR(10 g) = 0.551 mW/g.

Maximum value of SAR (measured) = 0.785 mW/g

SCN/89439JD02/004: Tilt Right GSM CH190

Date: 07/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.545mW/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; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Tilt Right - Middle 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.545 mW/g

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

Reference Value = 15.6 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.589 W/kg

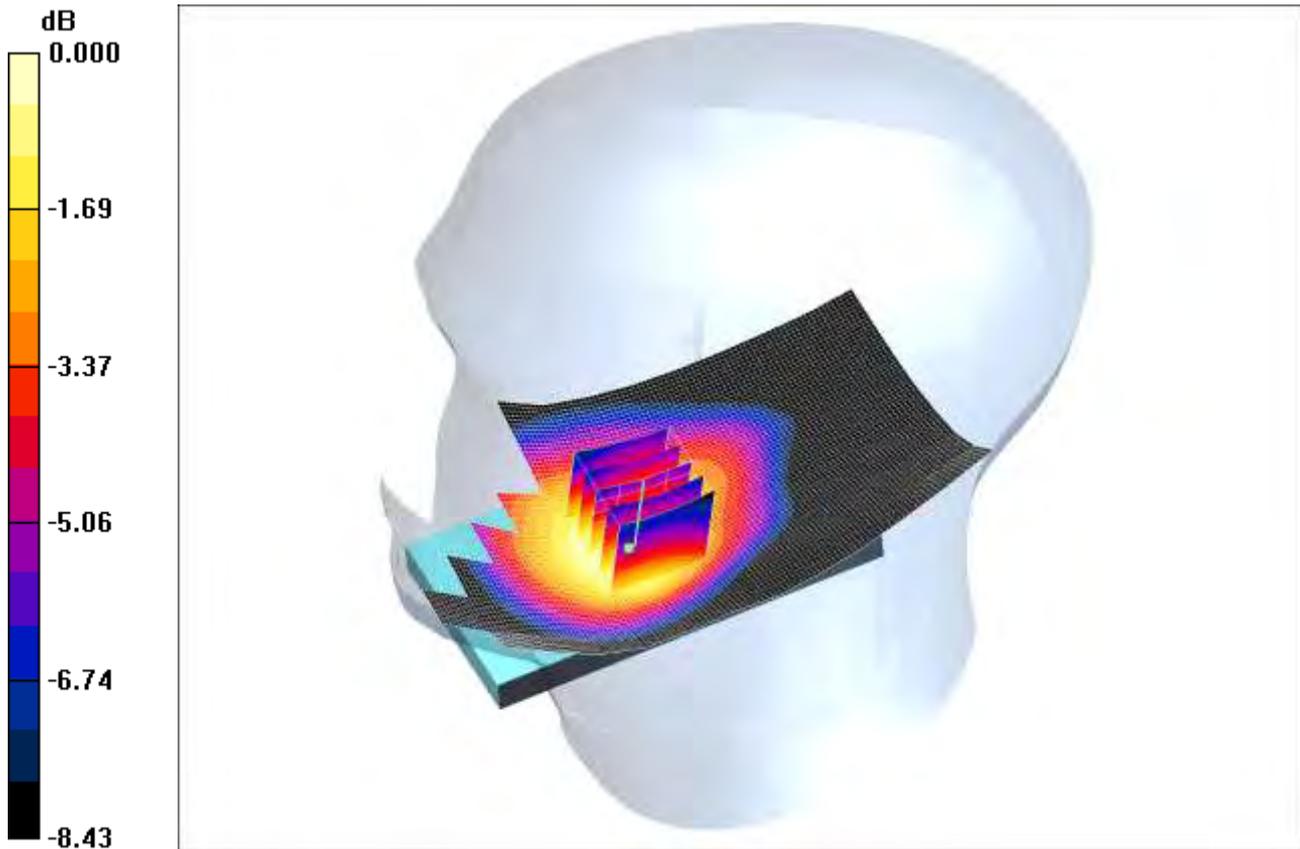
SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 0.545 mW/g

SCN/89439JD02/005: Touch Right GSM CH128

Date: 07/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.780mW/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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Right - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 9.56 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.856 W/kg

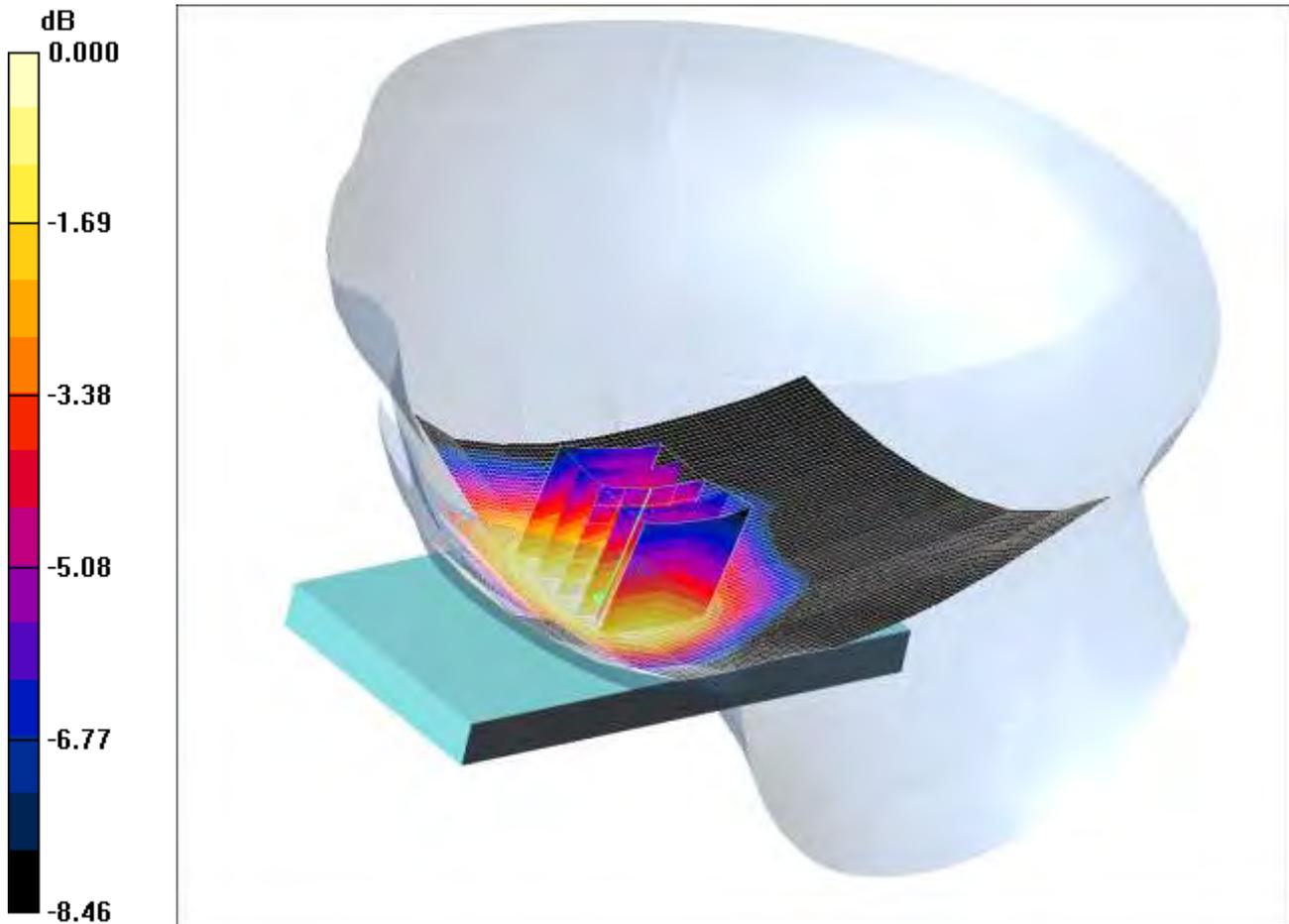
SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.535 mW/g

Maximum value of SAR (measured) = 0.780 mW/g

SCN/89439JD02/006: Touch Right GSM CH251

Date: 07/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.907mW/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; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Right - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.916 mW/g

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

Reference Value = 9.89 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 1.01 W/kg

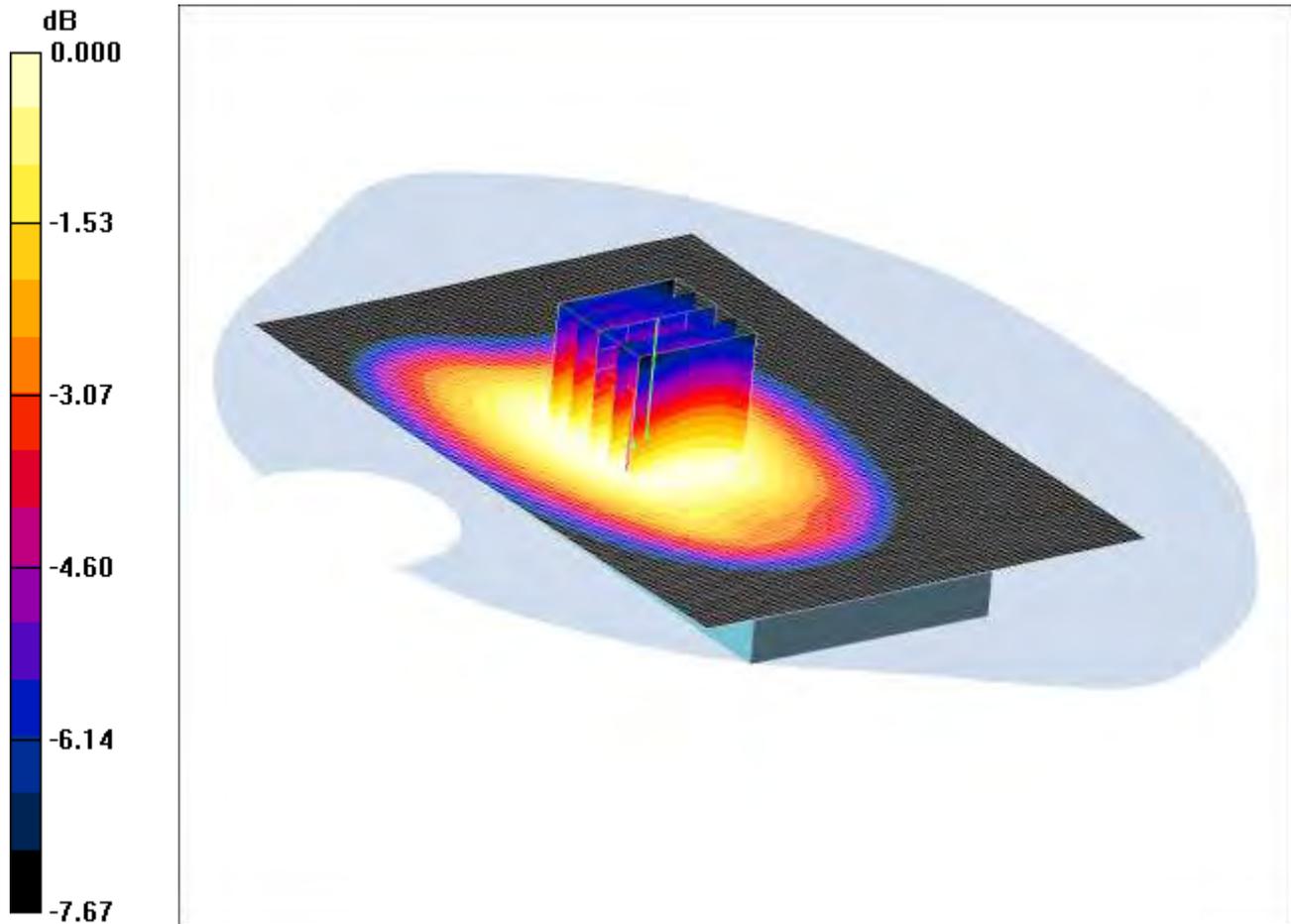
SAR(1 g) = 0.831 mW/g; SAR(10 g) = 0.643 mW/g

Maximum value of SAR (measured) = 0.907 mW/g

SCN/89439JD02/007: Front of EUT Facing Phantom GPRS CH190

Date: 08/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.872mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Front of EUT Facing Phantom - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.930 mW/g

Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 3 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.5 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.961 W/kg

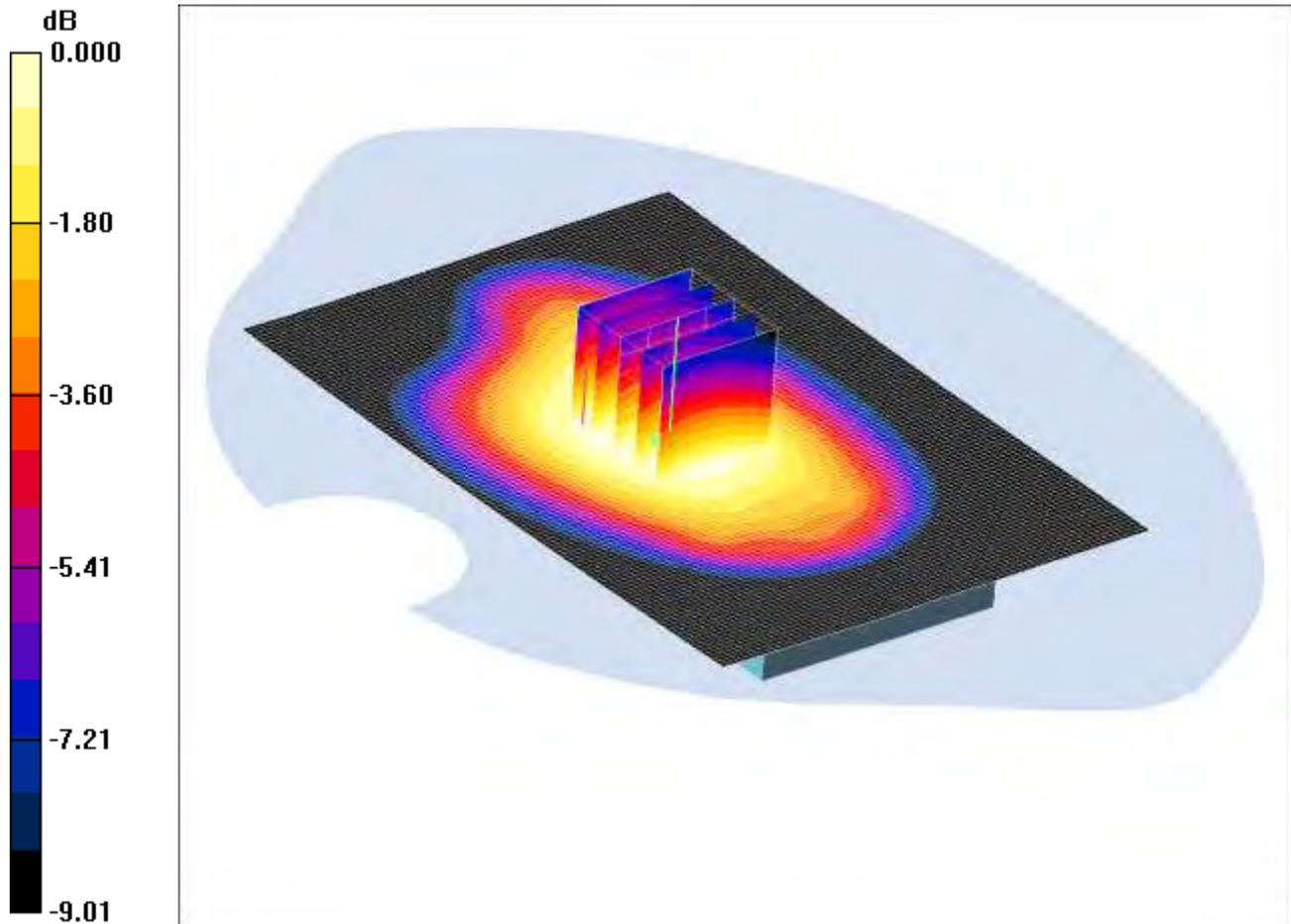
SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.615 mW/g

Maximum value of SAR (measured) = 0.872 mW/g

SCN/89439JD02/008: Back of EUT Facing Phantom GPRS CH190

Date: 08/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.914mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Back of EUT Facing Phantom - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.925 mW/g

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

Reference Value = 29.3 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 1.03 W/kg

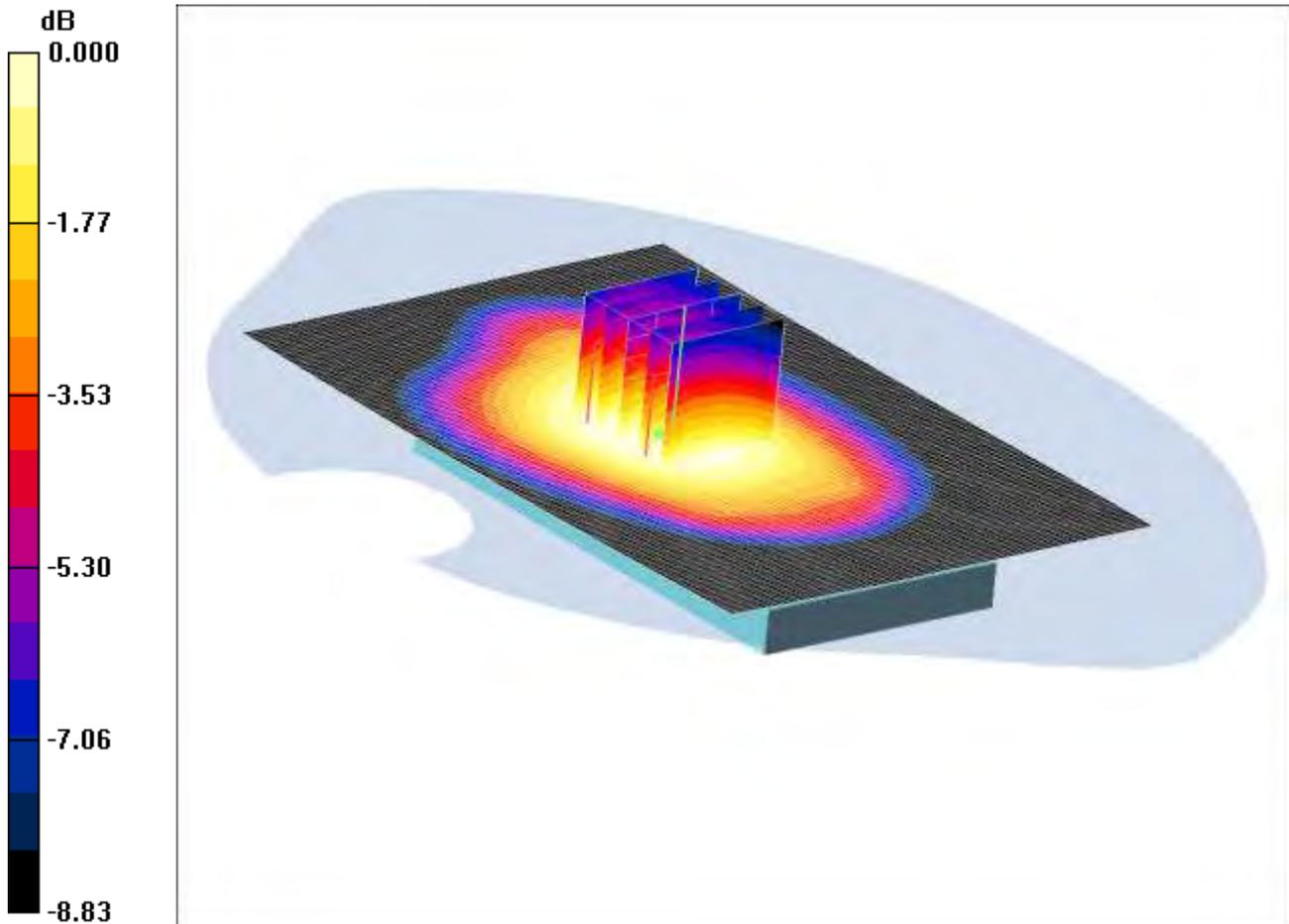
SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.626 mW/g

Maximum value of SAR (measured) = 0.914 mW/g

SCN/89439JD02/009: Back of EUT Facing Phantom GPRS CH128

Date: 08/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.984mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Back of EUT Facing Phantom - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.995 mW/g

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

Reference Value = 30.5 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 1.10 W/kg

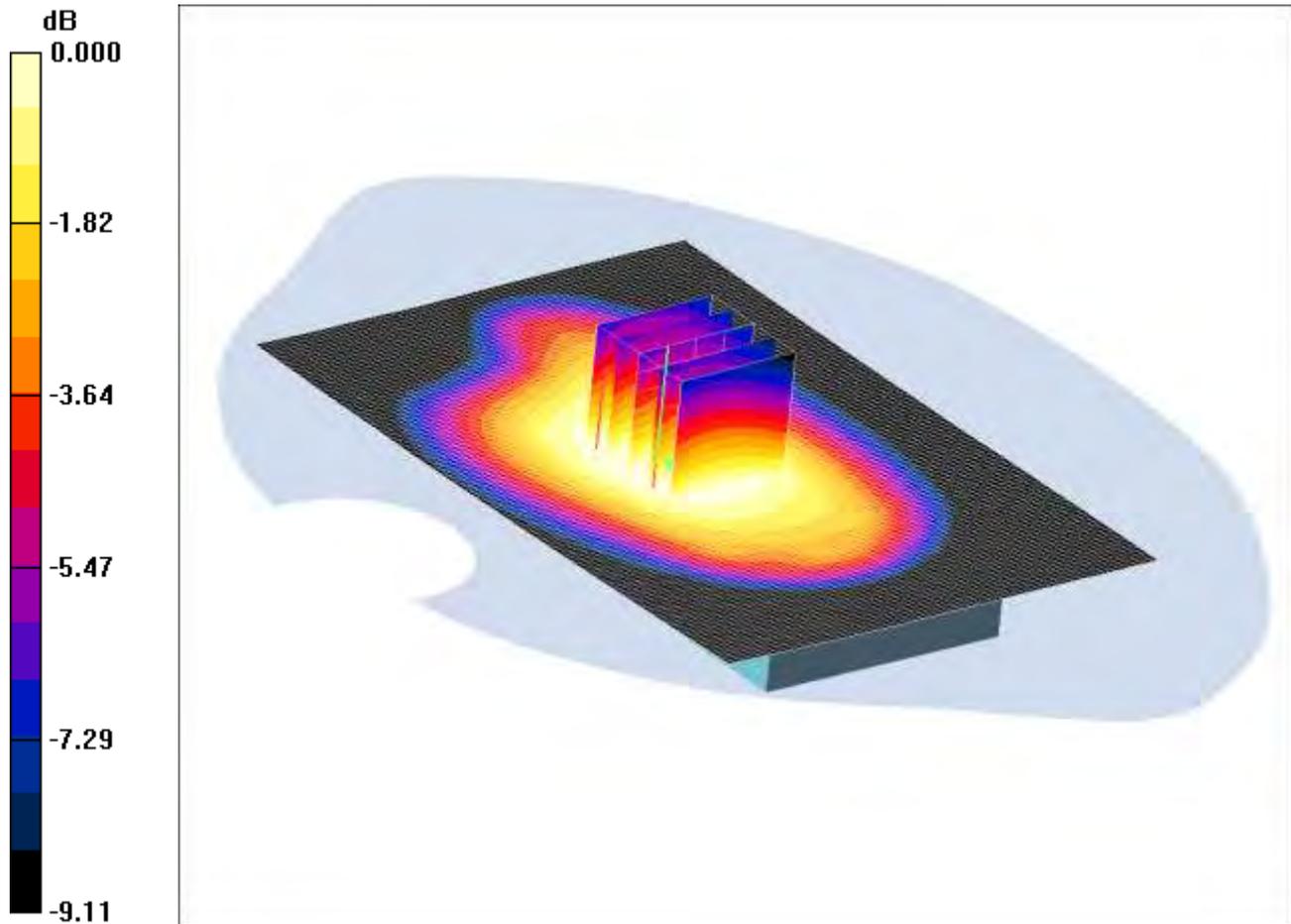
SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.679 mW/g

Maximum value of SAR (measured) = 0.984 mW/g

SCN/89439JD02/010: Back of EUT Facing Phantom GPRS CH251

Date: 08/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.869mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Back of EUT Facing Phantom -High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 28.5 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.975 W/kg

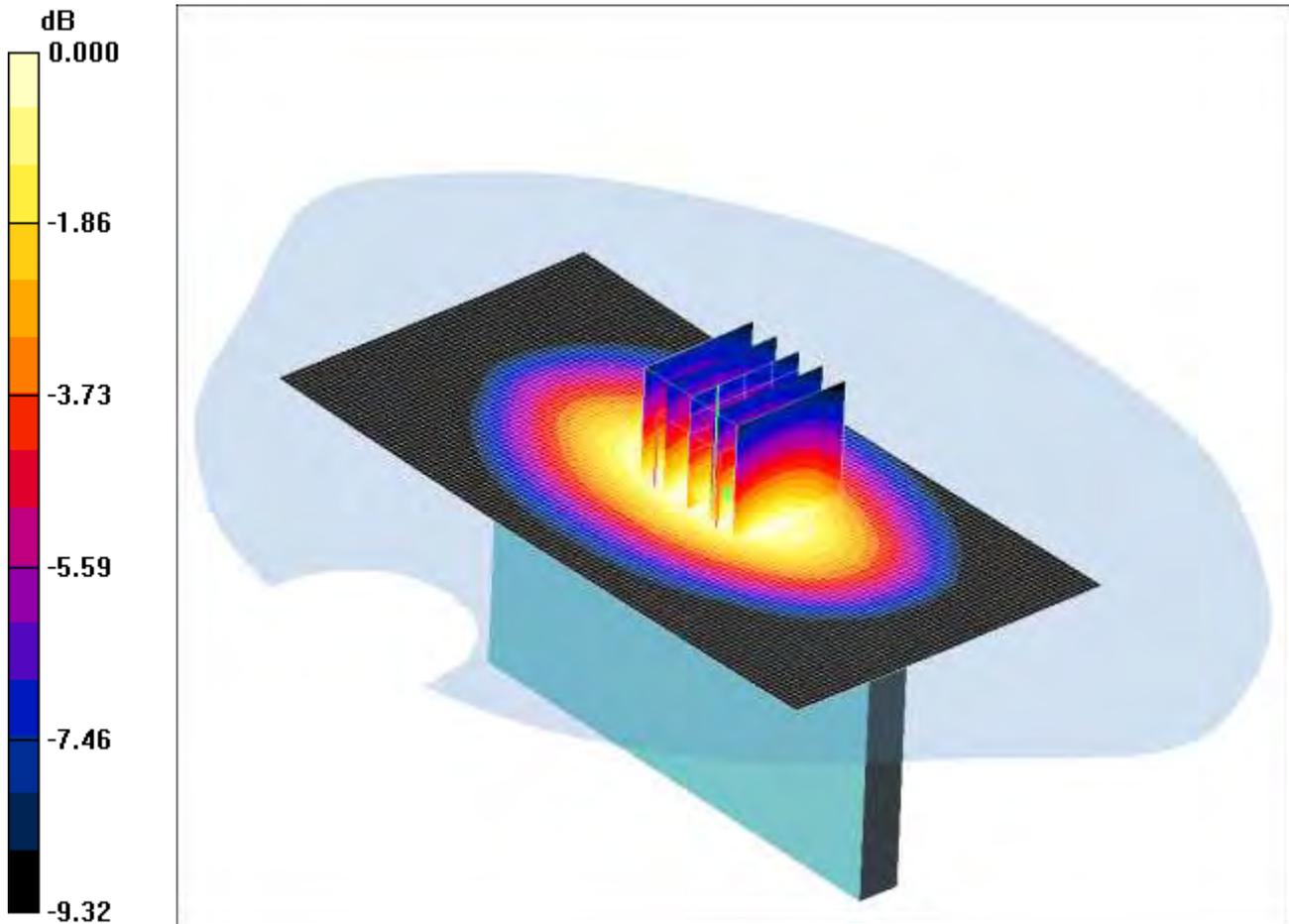
SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.604 mW/g

Maximum value of SAR (measured) = 0.869 mW/g

SCN/89439JD02/011: Left Hand Side of EUT Facing Phantom GPRS CH190

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 1.20mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Hand Side of EUT Facing Phantom - Middle 2 2 2/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.27 mW/g

Left Hand Side of EUT Facing Phantom - Middle 2 2 2/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0:

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

Reference Value = 35.4 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 1.44 W/kg

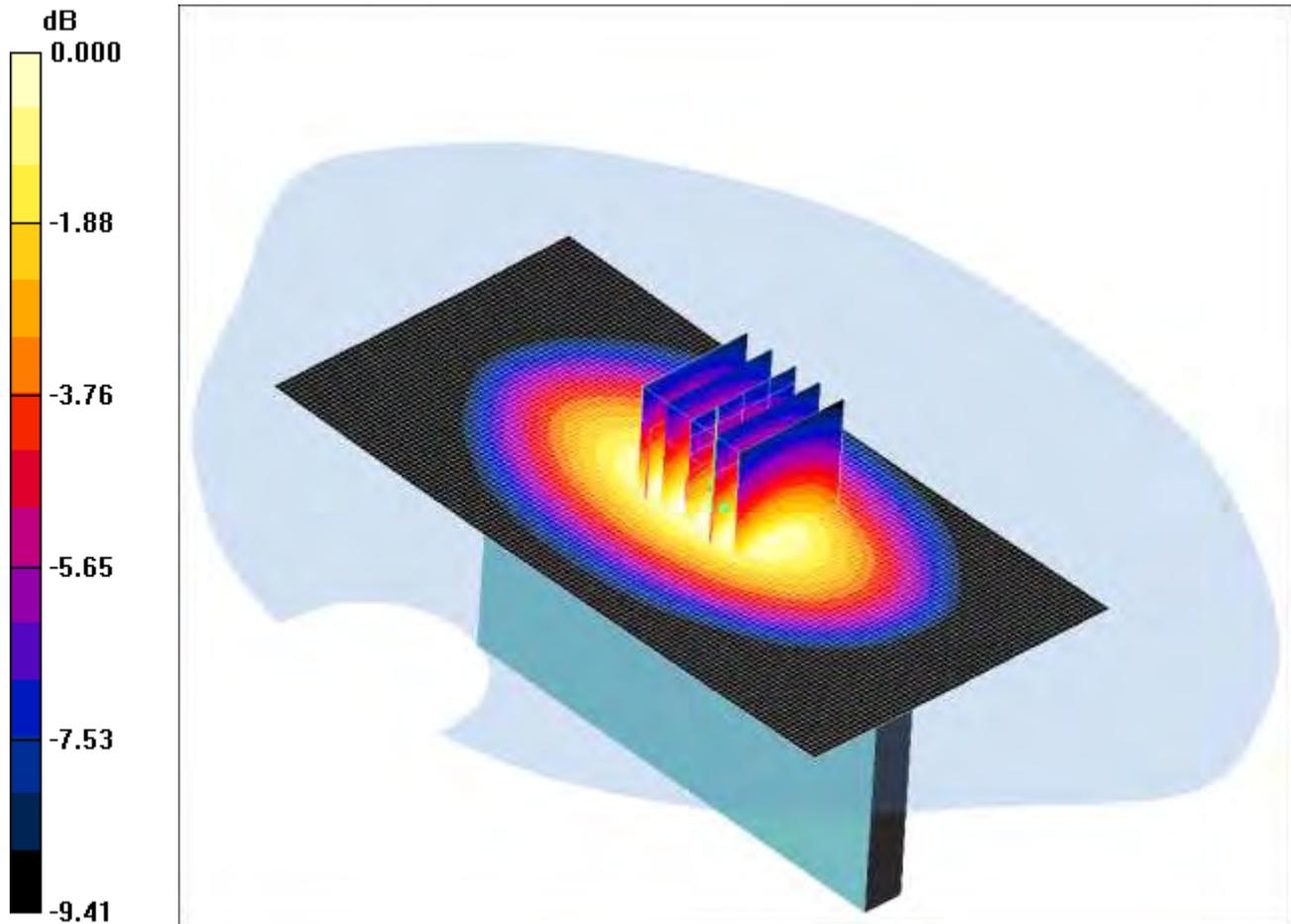
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.738 mW/g

Maximum value of SAR (measured) = 1.20 mW/g

SCN/89439JD02/012: Left Hand Side of EUT Facing Phantom GPRS CH128

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 1.38mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Hand Side of EUT Facing Phantom - Low/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.37 mW/g

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

Reference Value = 38.3 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 1.64 W/kg

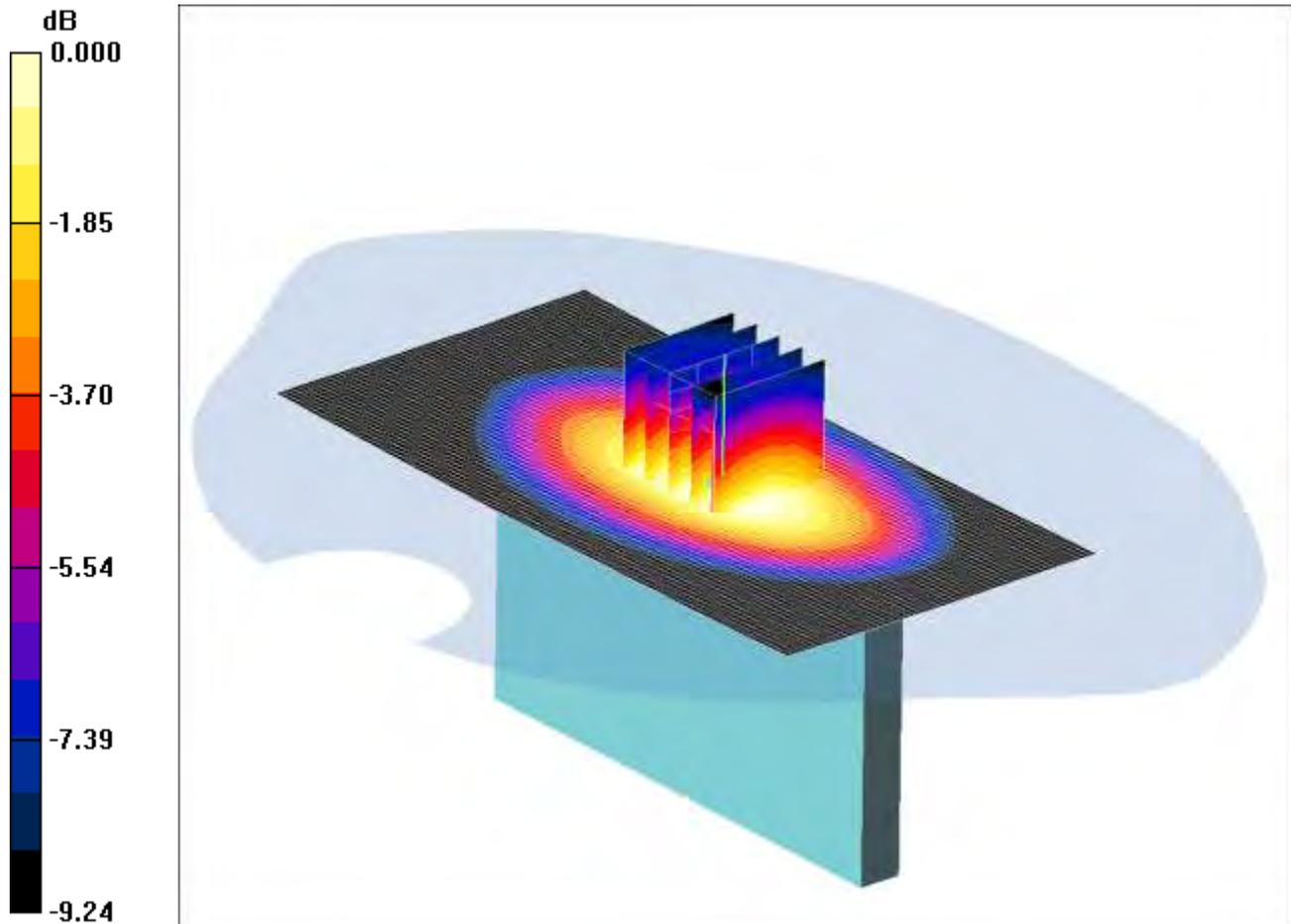
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.856 mW/g

Maximum value of SAR (measured) = 1.38 mW/g

SCN/89439JD02/013: Left Hand Side of EUT Facing Phantom GPRS CH251

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 1.06mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Hand Side of EUT Facing Phantom - High/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.09 mW/g

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

Reference Value = 32.7 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 1.26 W/kg

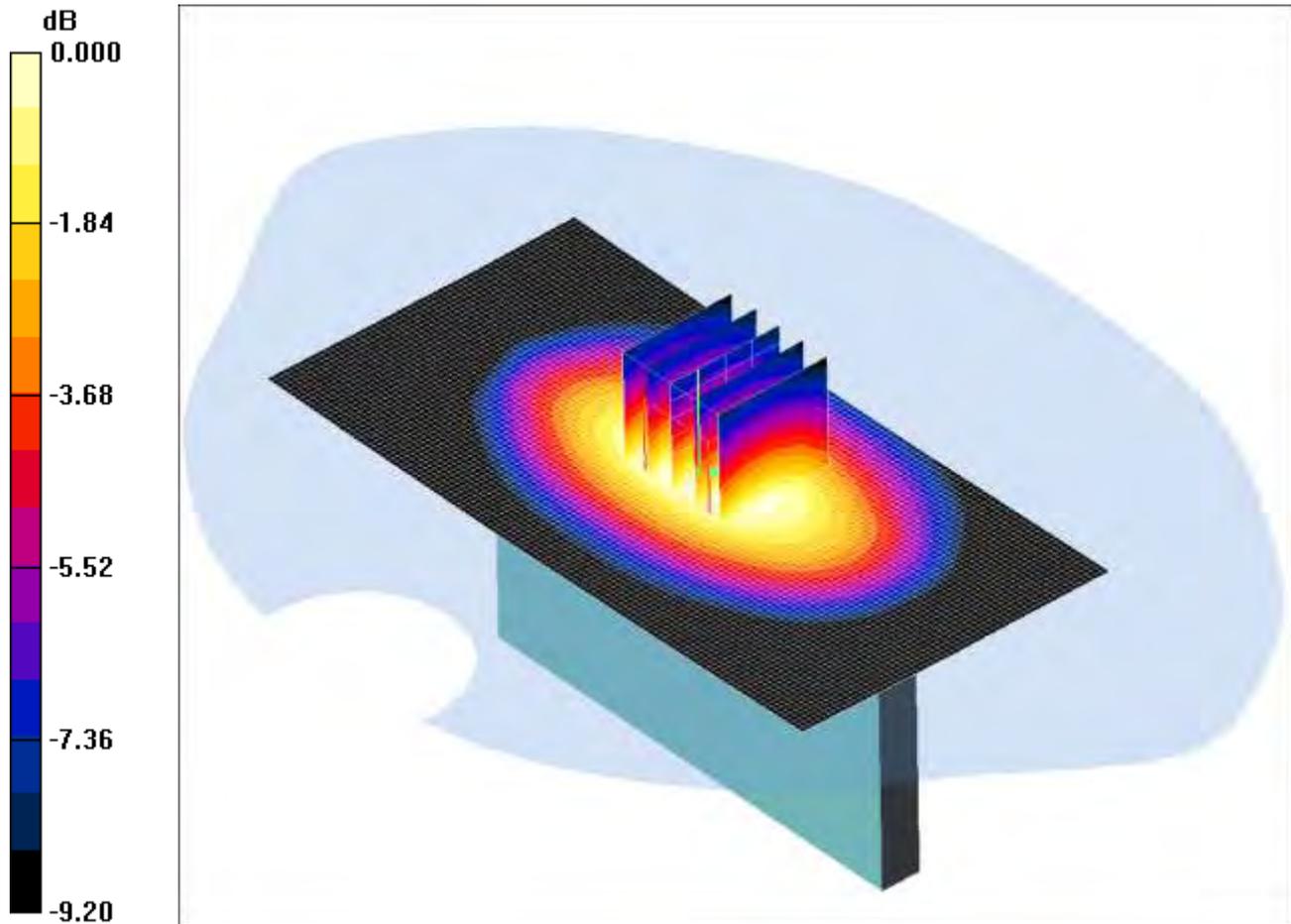
SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.650 mW/g

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

SCN/89439JD02/014: Right Hand Side of EUT Facing Phantom GPRS CH190

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 1.16mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Hand Side of EUT Facing Phantom - Middle/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 34.8 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.40 W/kg

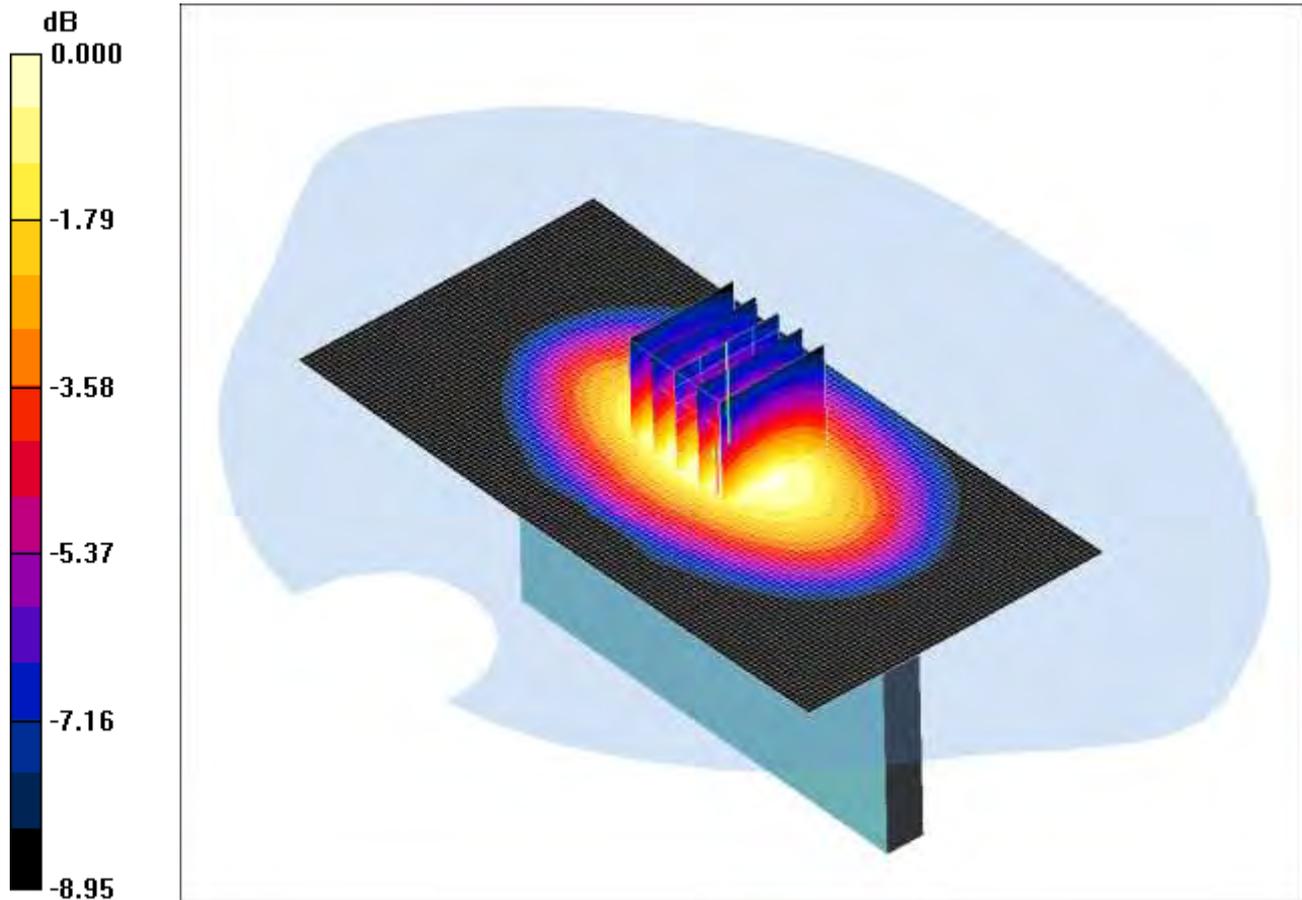
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.718 mW/g

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

SCN/89439JD02/015: Right Hand Side of EUT Facing Phantom GPRS CH128

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 1.23mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Hand Side of EUT Facing Phantom - Low/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.27 mW/g

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

Reference Value = 35.6 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 1.44 W/kg

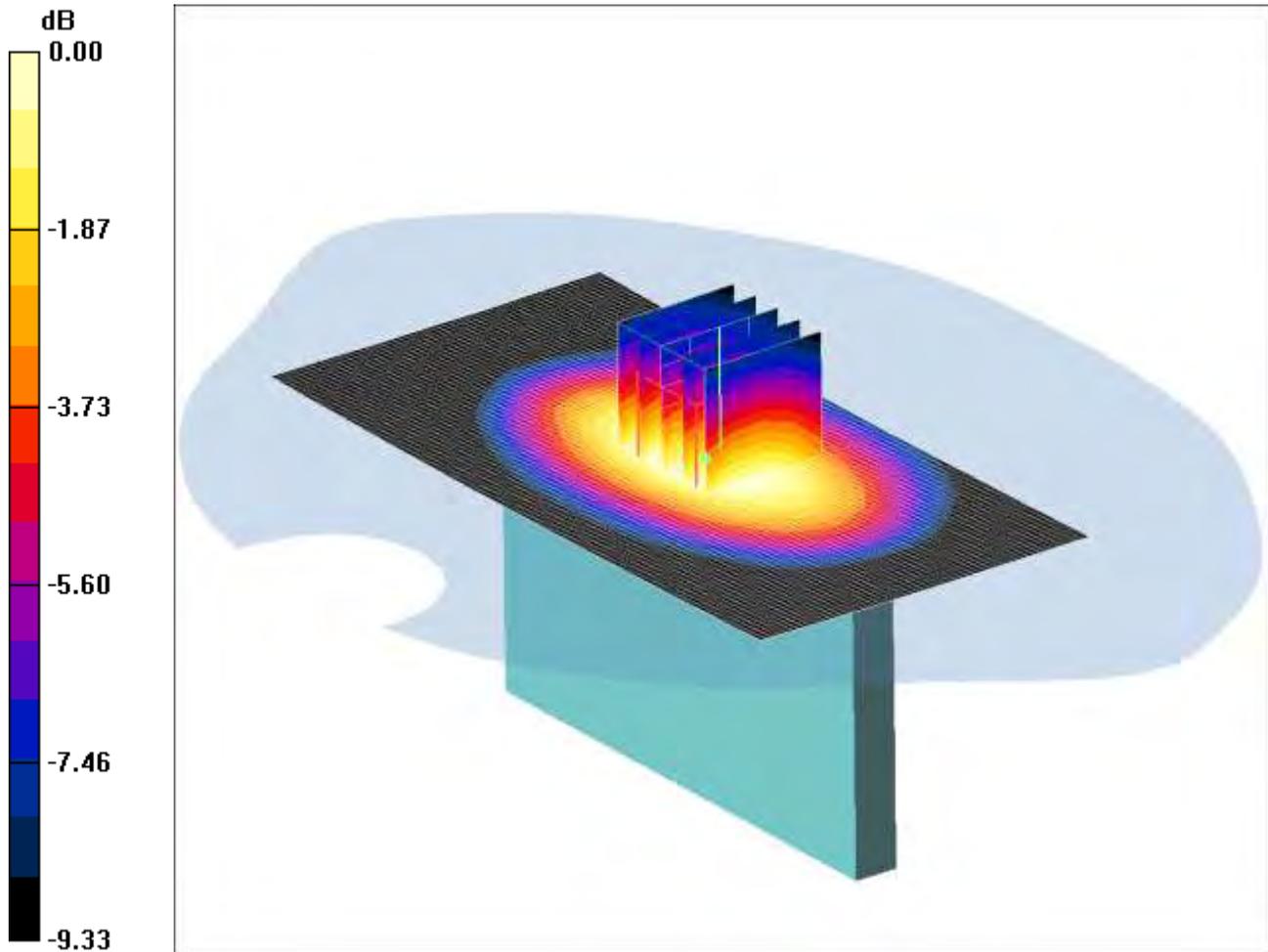
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.753 mW/g

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

SCN/89439JD02/016: Right Hand Side of EUT Facing Phantom GPRS CH251

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 1.01mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Hand Side of EUT Facing Phantom - High/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 32.8 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.21 W/kg

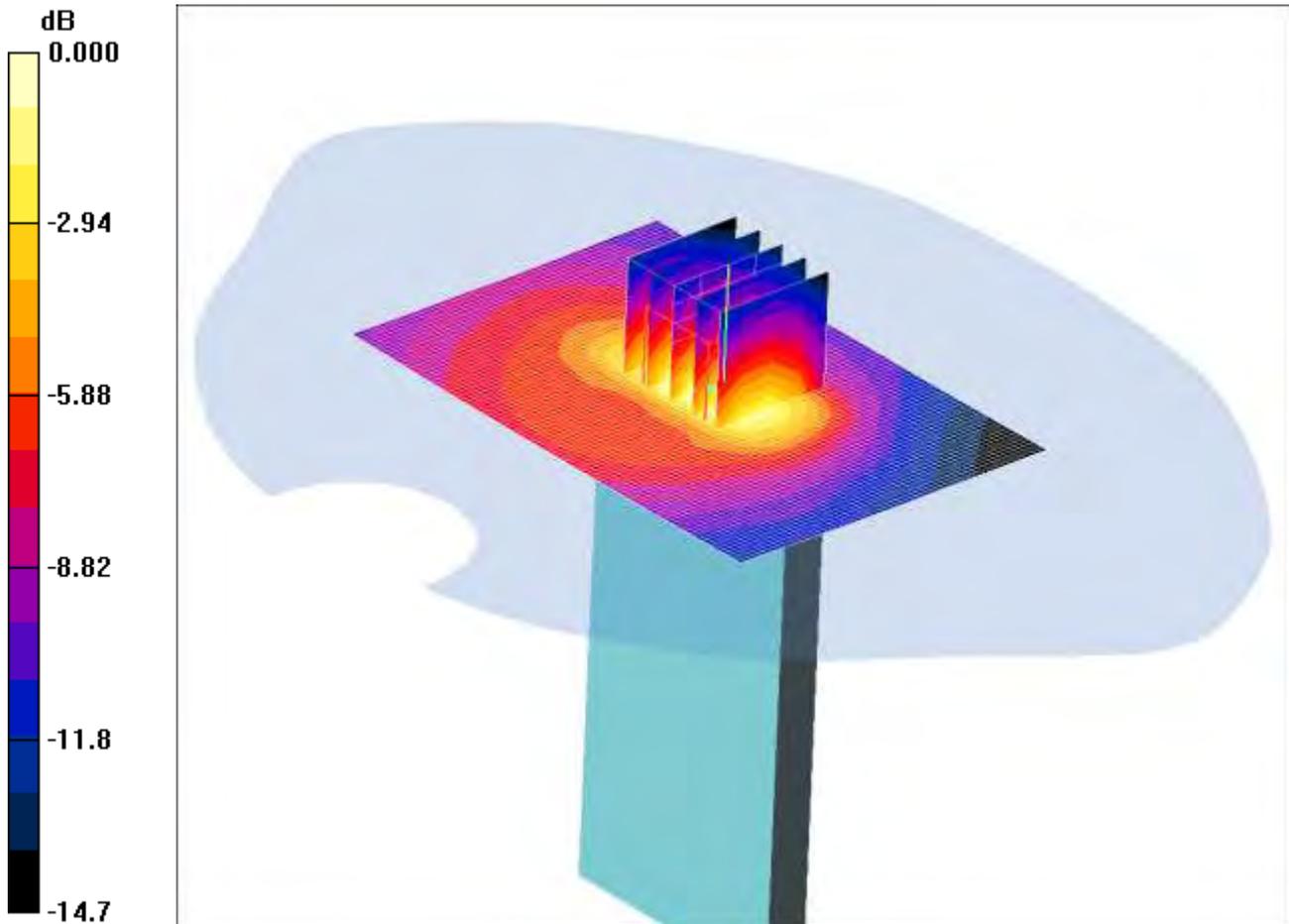
SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.628 mW/g

Maximum value of SAR (measured) = 1.01 mW/g

SCN/89439JD02/017: Bottom of EUT Facing Phantom GPRS CH190

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.221mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Bottom of EUT Facing Phantom - Middle/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.225 mW/g

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

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

Reference Value = 14.1 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.319 W/kg

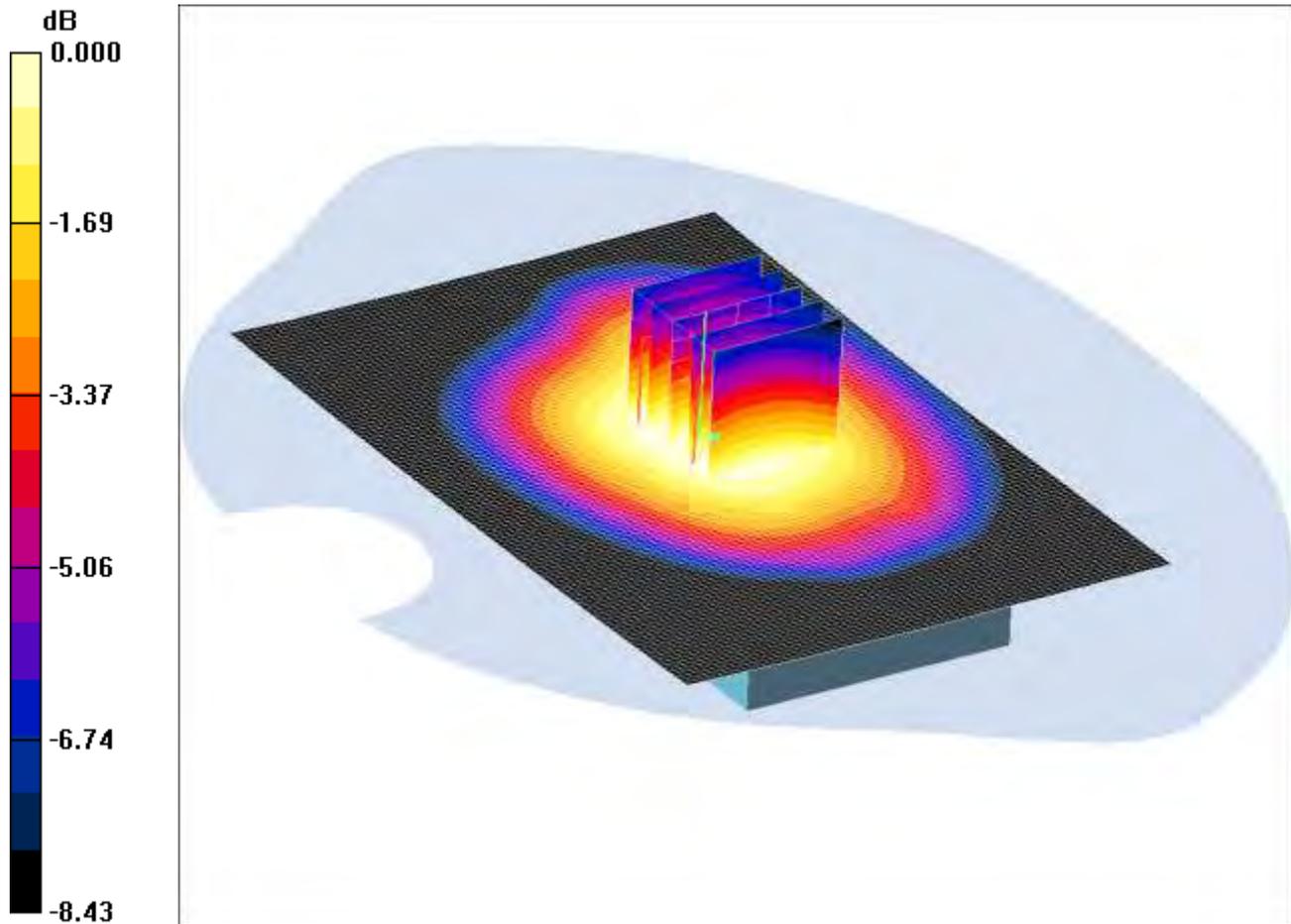
SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.098 mW/g

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

SCN/89439JD02/018: Back of EUT Facing Phantom at 15mm GSM CH190

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Back of EUT Facing Phantom at 15mm - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.750 mW/g

Back of EUT Facing Phantom at 15mm - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.0 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.806 W/kg

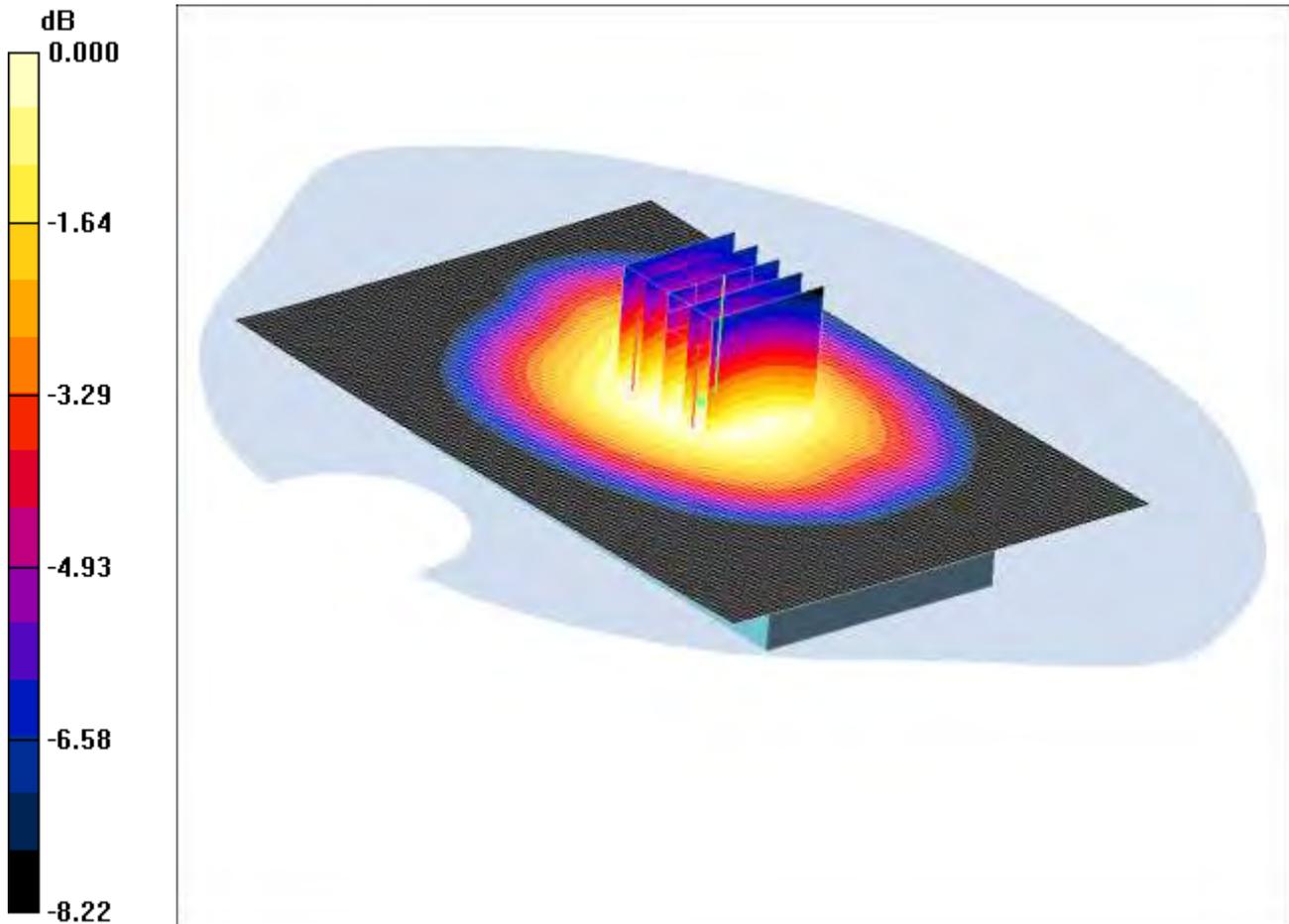
SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.508 mW/g

Maximum value of SAR (measured) = 0.725 mW/g

SCN/89439JD02/019: Back of EUT Facing Phantom at 15mm GSM CH128

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.809mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Back of EUT Facing Phantom at 15mm - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.842 mW/g

Back of EUT Facing Phantom at 15mm - Low/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.6 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.900 W/kg

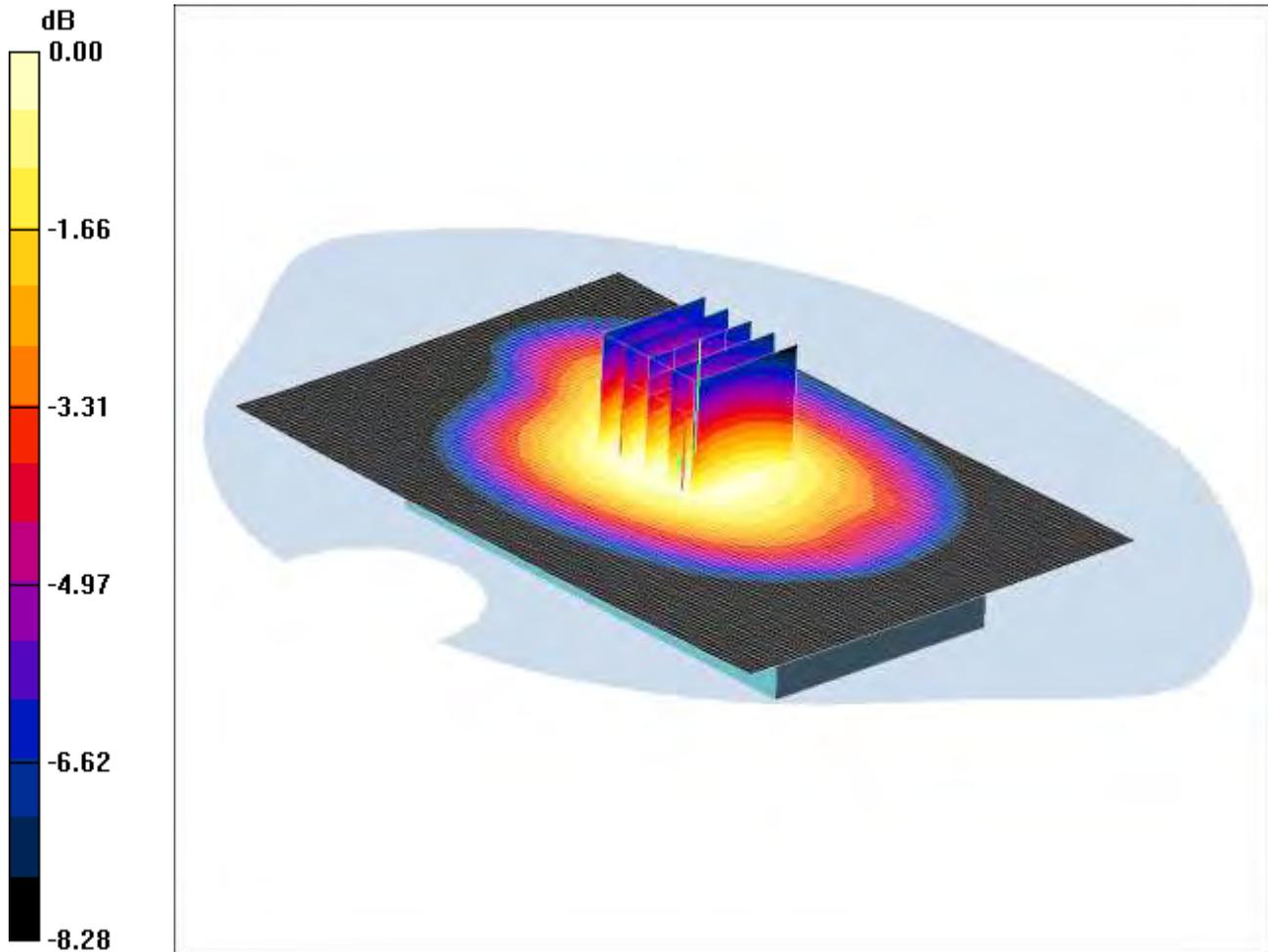
SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.565 mW/g

Maximum value of SAR (measured) = 0.809 mW/g

SCN/89439JD02/020: Back of EUT Facing Phantom at 15mm GSM CH251

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.691mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom at 15mm -High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.716 mW/g

Back of EUT Facing Phantom at 15mm -High/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 26.2 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.770 W/kg

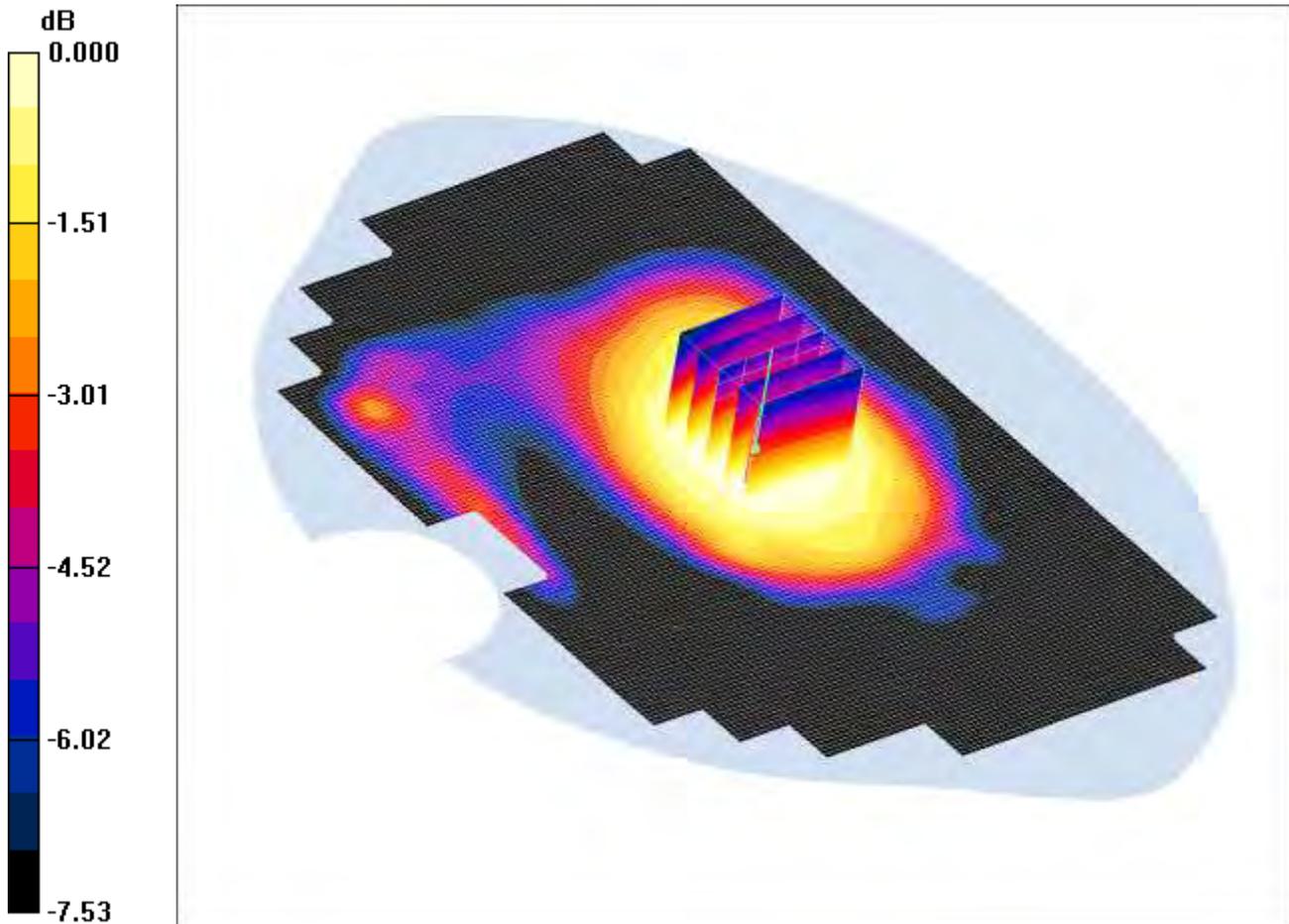
SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.482 mW/g

Maximum value of SAR (measured) = 0.691 mW/g

SCN/89439JD02/021: Back of EUT Facing Phantom at 15mm with PHF GSM CH128

Date 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.612mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Back of EUT Facing Phantom at 15mm with PHF - Low/Area Scan (101x161x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.647 mW/g

Back of EUT Facing Phantom at 15mm with PHF - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement

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

Reference Value = 24.3 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.683 W/kg

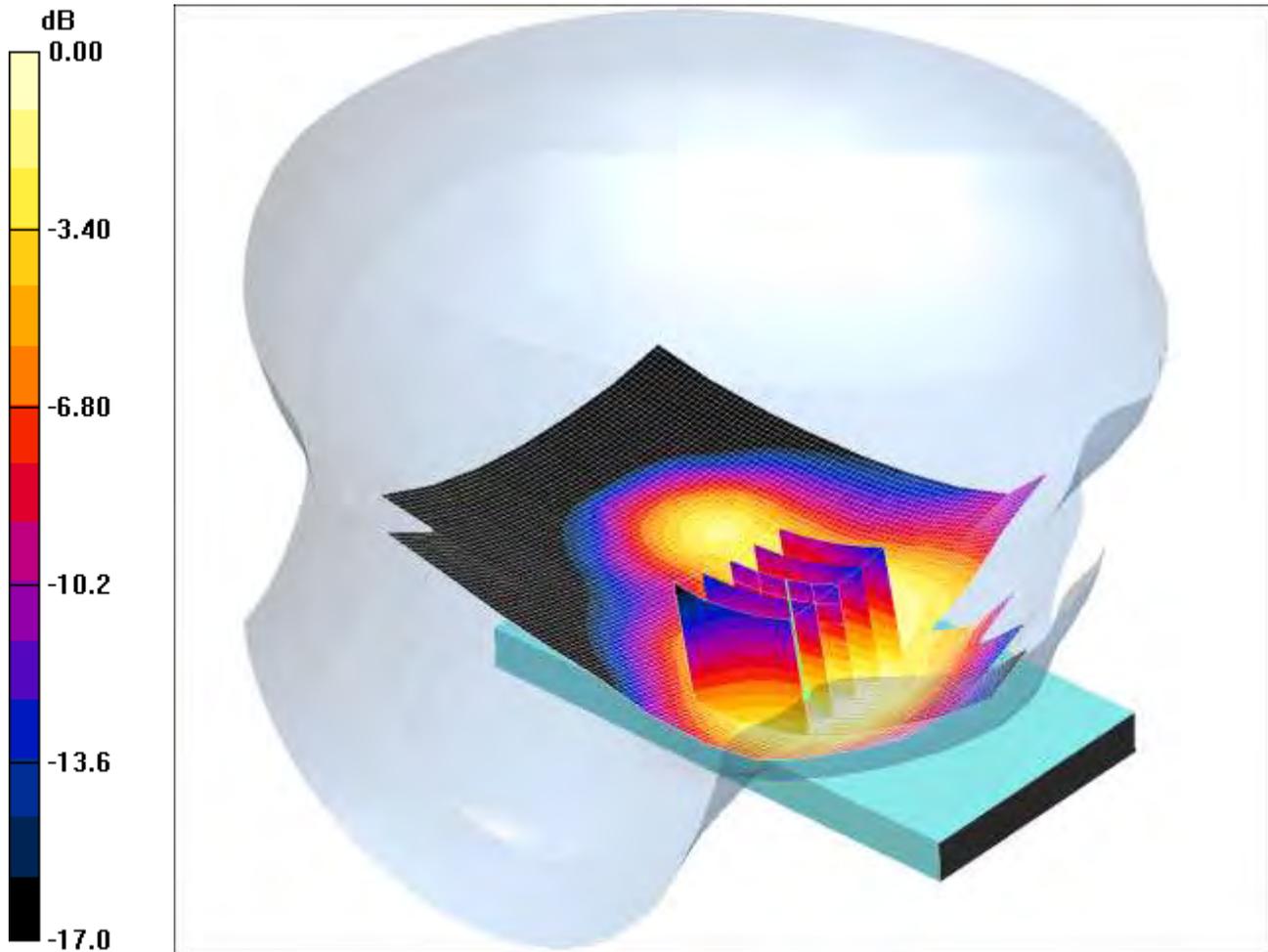
SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.437 mW/g

Maximum value of SAR (measured) = 0.612 mW/g

SCN/89439JD02/022: Touch Left PCS1900 CH661

Date: 12/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.561mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.92, 4.92, 4.92); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 8.49 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.799 W/kg

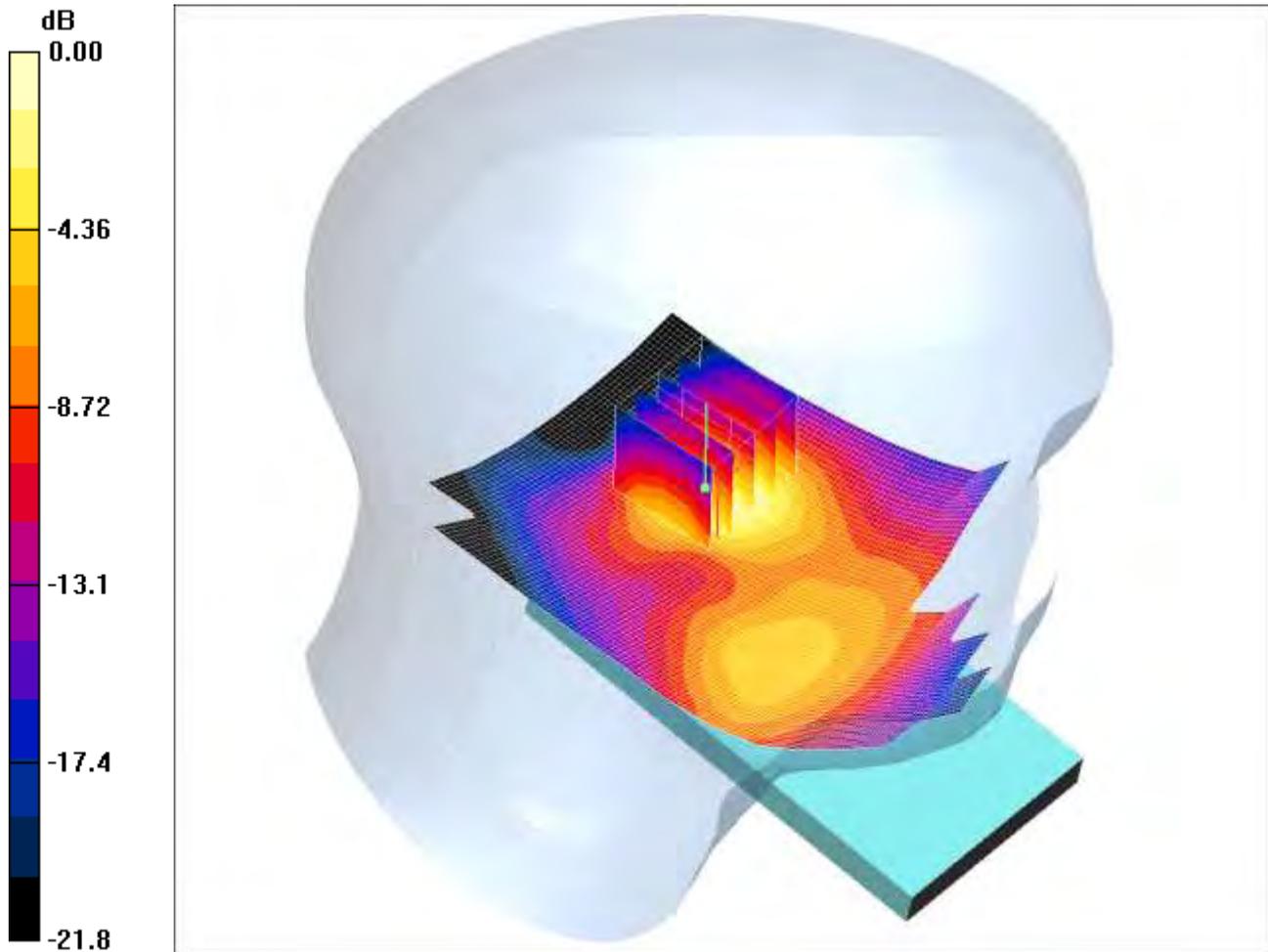
SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.561 mW/g

SCN/89439JD02/023: Tilt Left PCS1900 CH661

Date: 12/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.549mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.92, 4.92, 4.92); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.622 mW/g

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

Reference Value = 10.7 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.836 W/kg

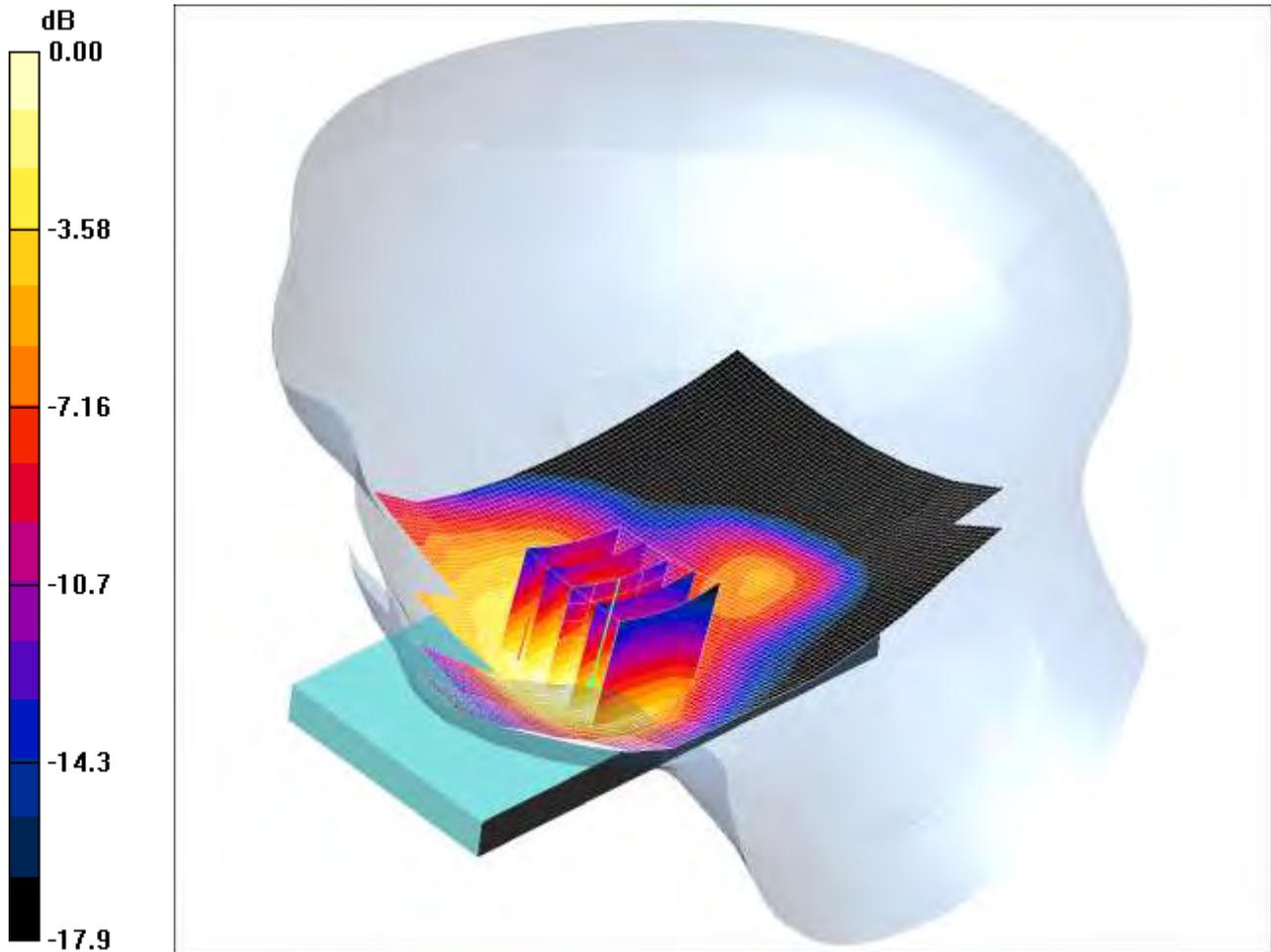
SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.549 mW/g

SCN/89439JD02/024: Touch Right PCS1900 CH661

Date: 12/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.704mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.92, 4.92, 4.92); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.693 mW/g

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

Reference Value = 6.39 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 0.861 W/kg

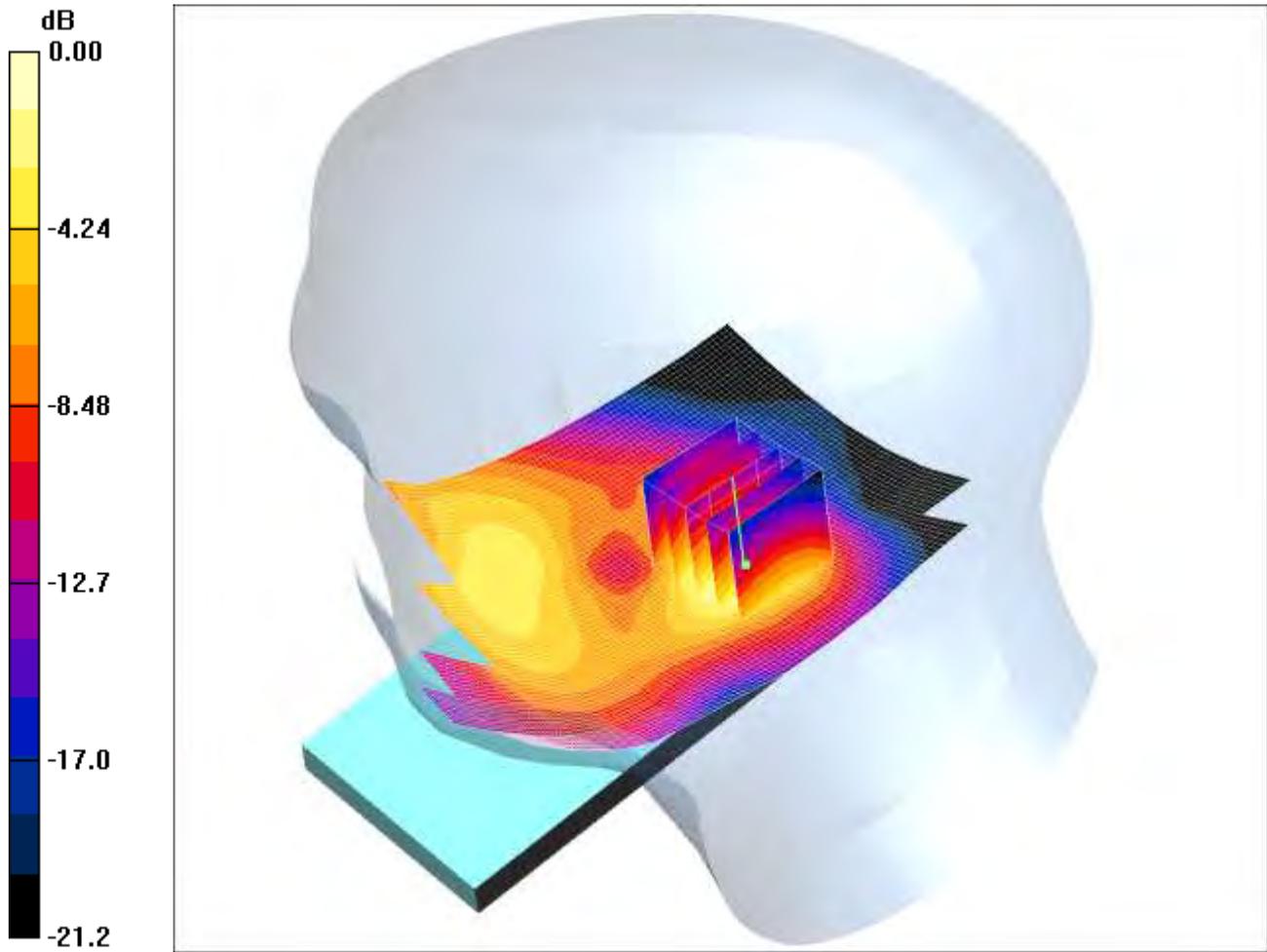
SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.403 mW/g

Maximum value of SAR (measured) = 0.704 mW/g

SCN/89439JD02/025: Tilt Right PCS1900 CH661

Date: 12/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.337mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.92, 4.92, 4.92); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 9.15 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.494 W/kg

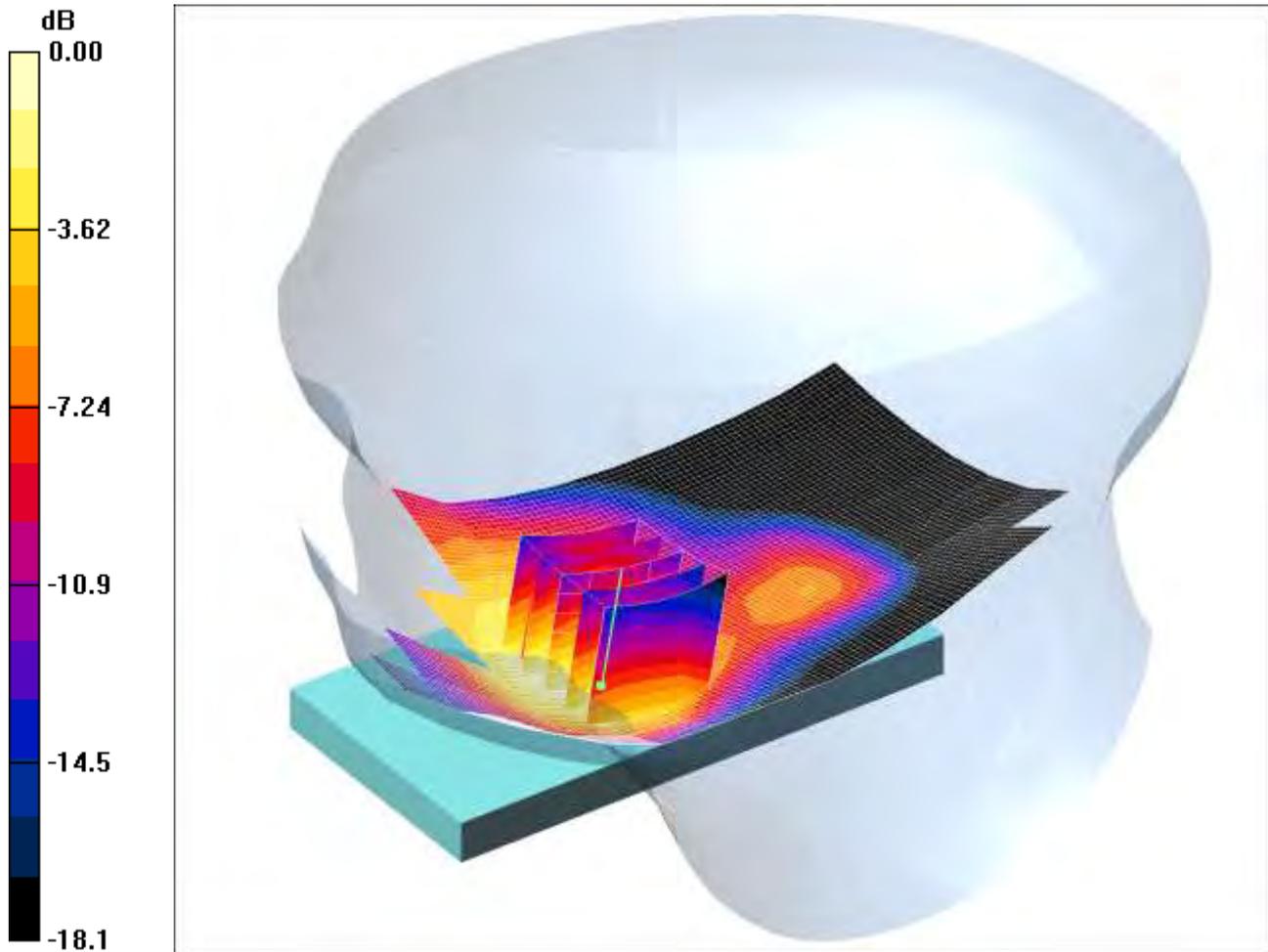
SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.337 mW/g

SCN/89439JD02/026: Touch Right PCS1900 CH512

Date: 12/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.668mW/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; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.92, 4.92, 4.92); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Right - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 6.73 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.806 W/kg

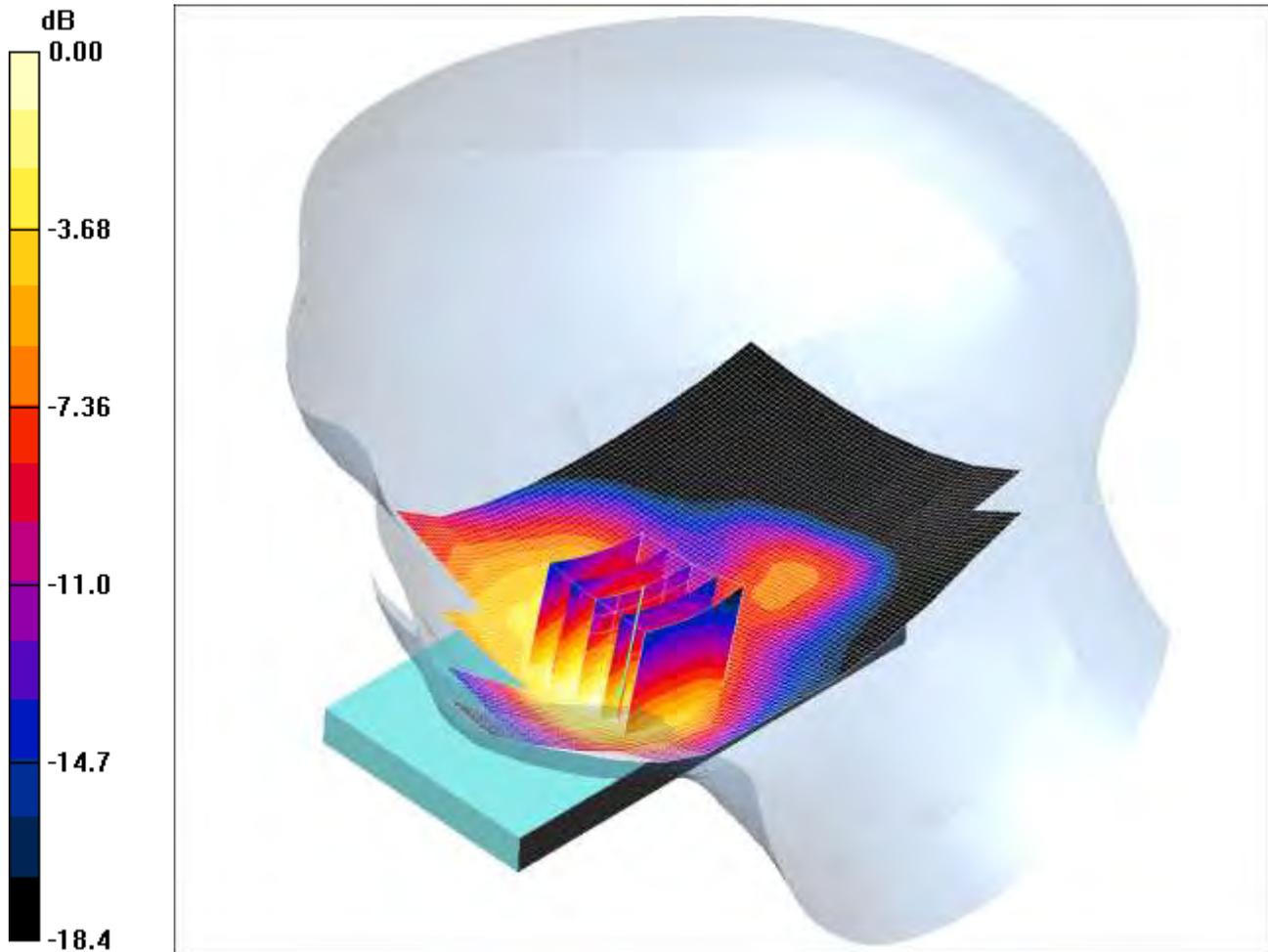
SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.387 mW/g

Maximum value of SAR (measured) = 0.668 mW/g

SCN/89439JD02/027: Touch Right PCS1900 CH810

Date: 12/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.765mW/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; $\sigma = 1.44$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.92, 4.92, 4.92); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Right - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.755 mW/g

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

Reference Value = 5.99 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.956 W/kg

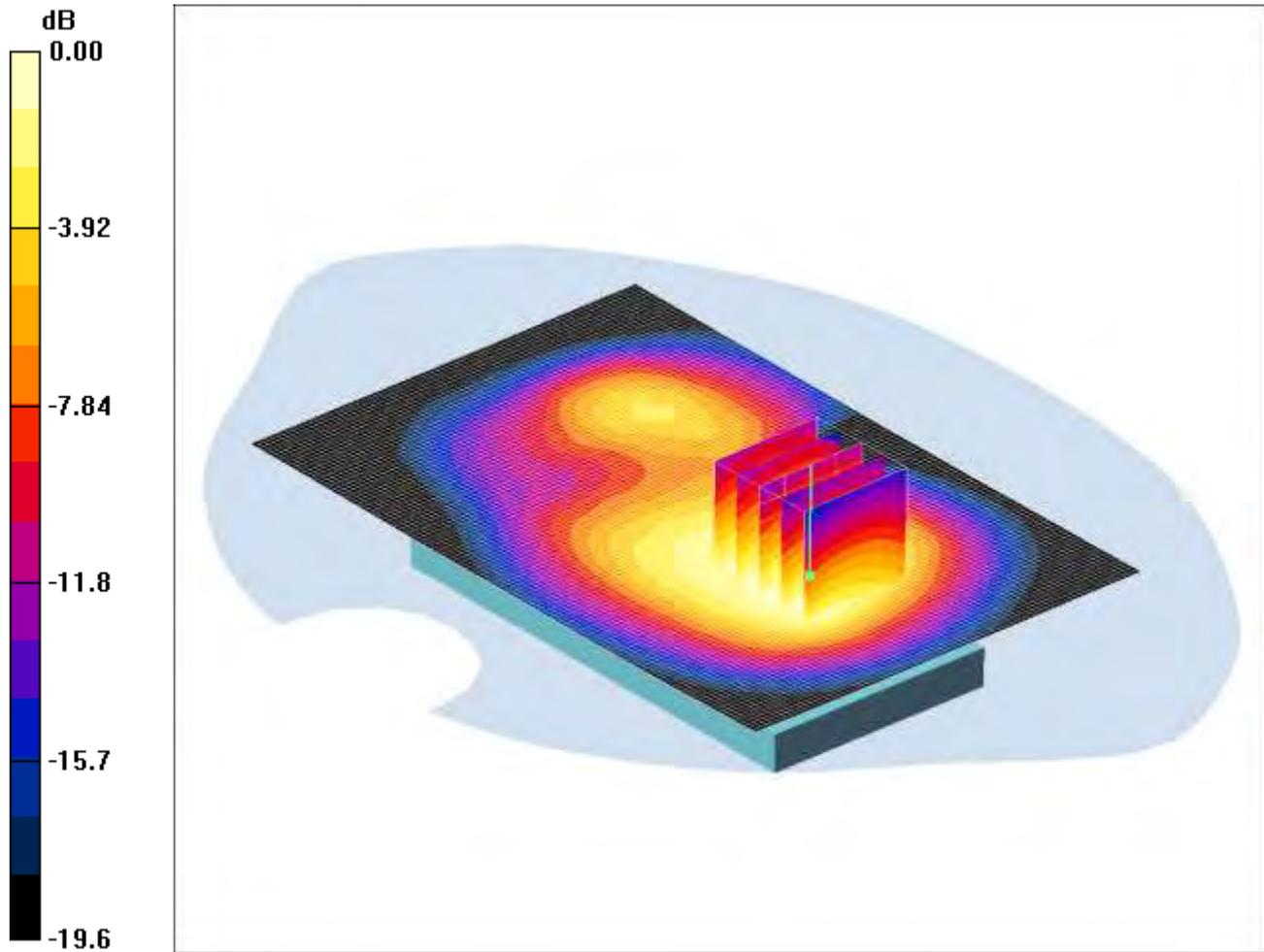
SAR(1 g) = 0.686 mW/g; SAR(10 g) = 0.426 mW/g

Maximum value of SAR (measured) = 0.765 mW/g

SCN/89439JD02/028: Front of EUT Facing Phantom GPRS CH661

Date: 08/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.859mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

Reference Value = 16.4 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 1.18 W/kg

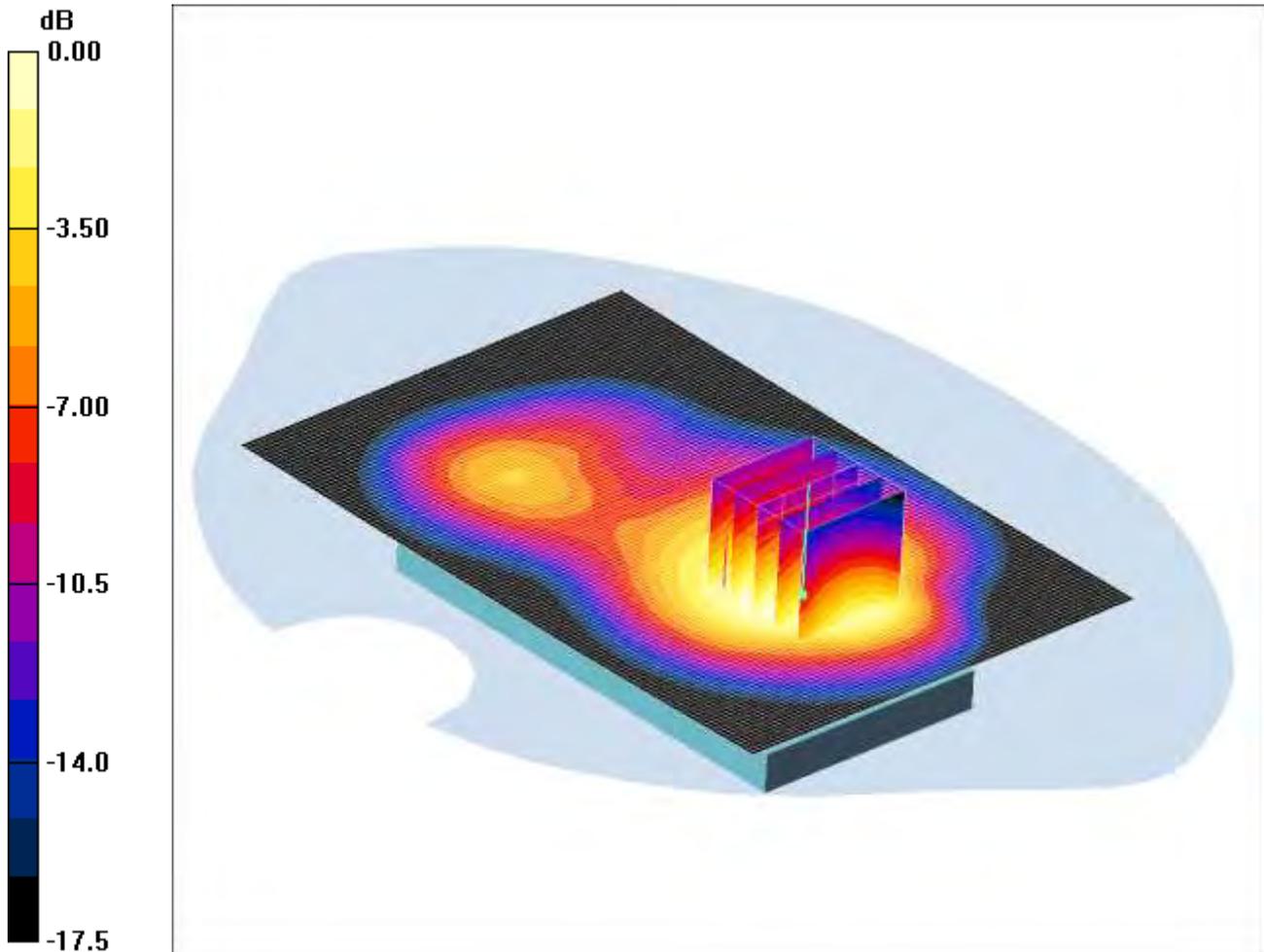
SAR(1 g) = 0.794 mW/g; SAR(10 g) = 0.512 mW/g

Maximum value of SAR (measured) = 0.859 mW/g

SCN/89439JD02/029: Back of EUT Facing Phantom GPRS CH661

Date: 08/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.816mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Middle 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.833 mW/g

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

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

Reference Value = 14.6 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 1.38 W/kg

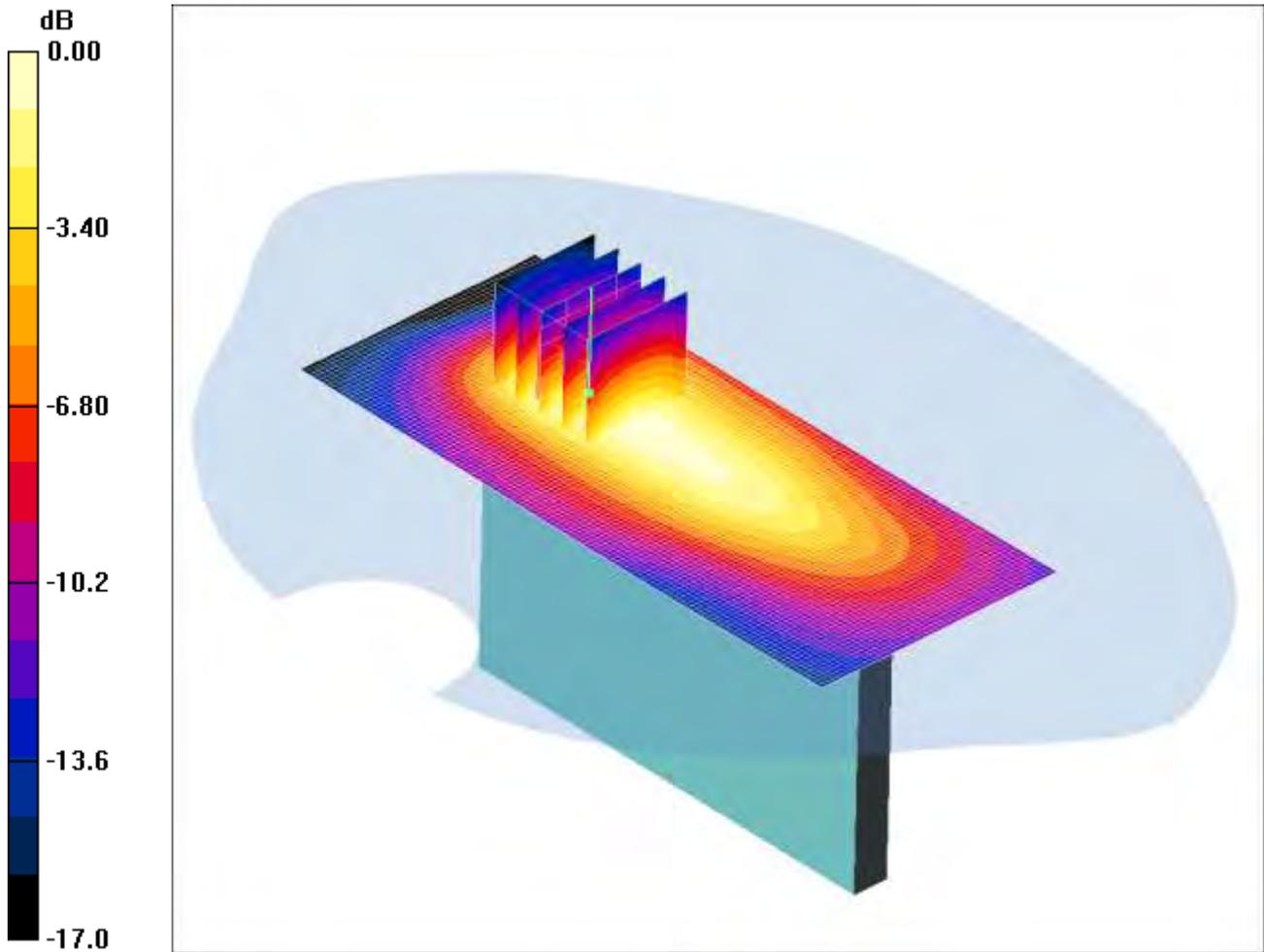
SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.494 mW/g

Maximum value of SAR (measured) = 0.816 mW/g

SCN/89439JD02/030: Left Hand Side of EUT Facing Phantom GPRS CH661

Date: 08/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.339mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side of EUT Facing Phantom - Middle 2/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 14.5 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.497 W/kg

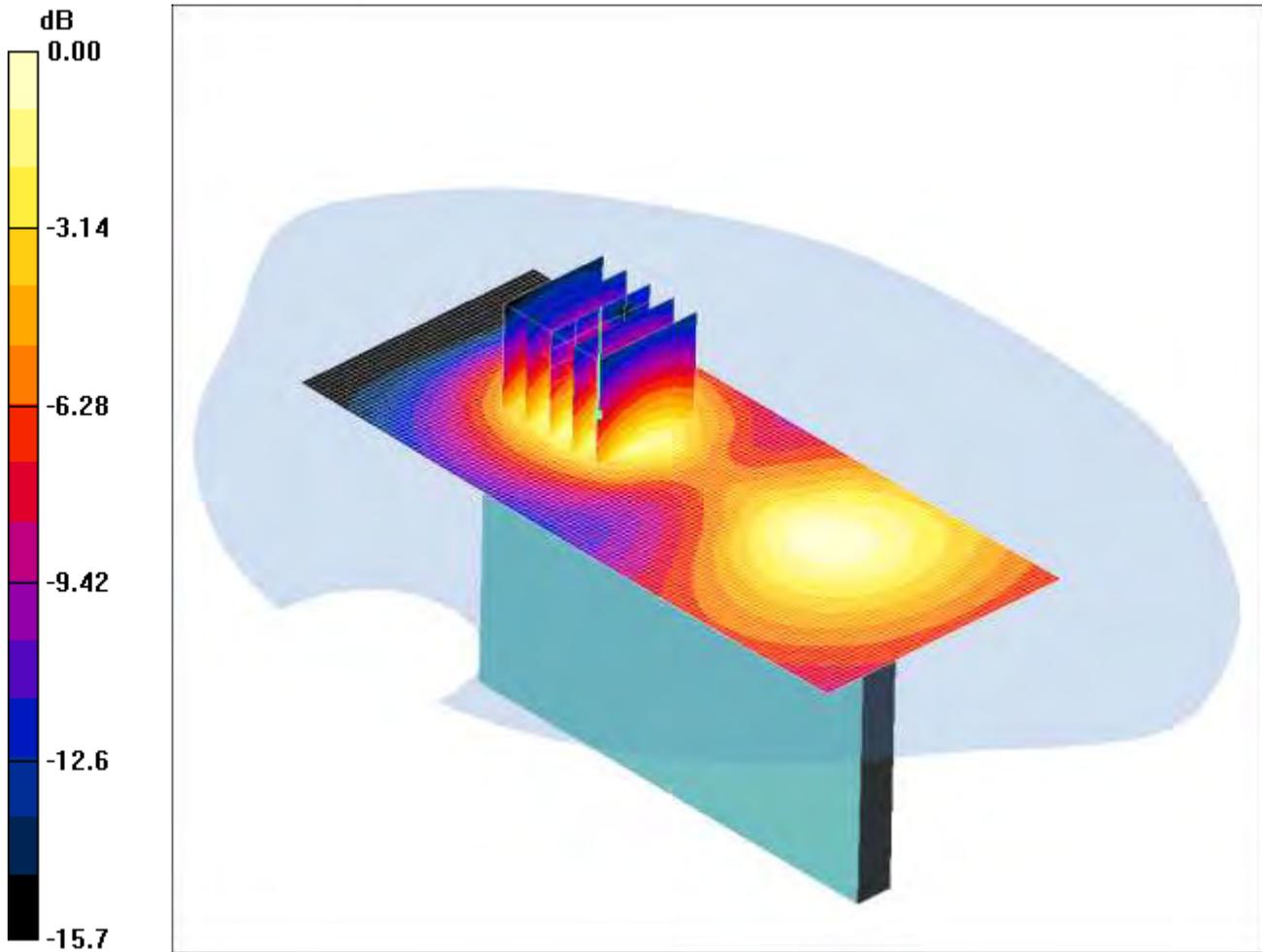
SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.189 mW/g

Maximum value of SAR (measured) = 0.339 mW/g

SCN/89439JD02/031: Right Hand Side of EUT Facing Phantom GPRS CH661

Date: 08/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.210mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.212 mW/g

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

Reference Value = 6.47 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.300 W/kg

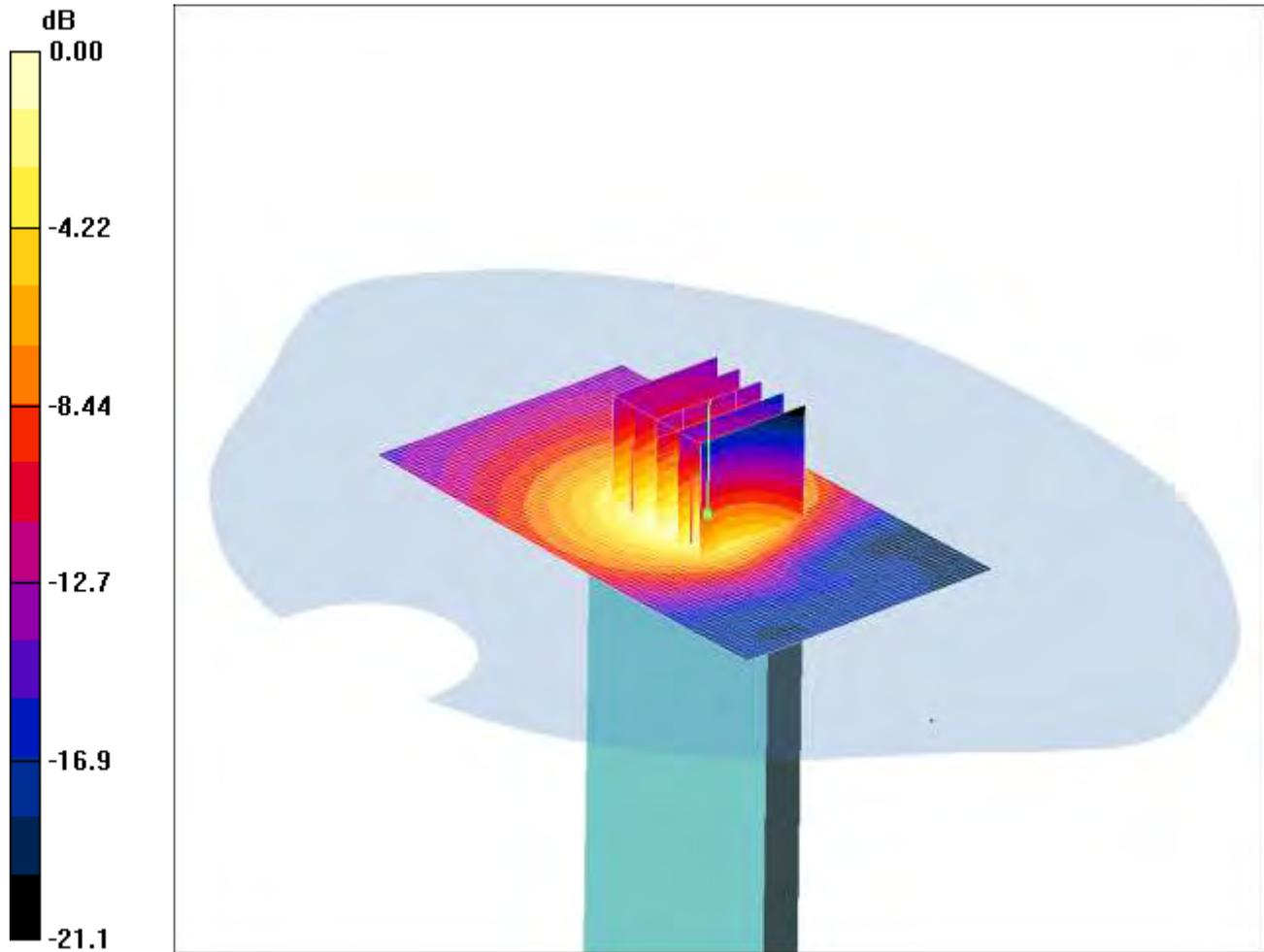
SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.116 mW/g

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

SCN/89439JD02/032: Bottom of EUT Facing Phantom GPRS CH661

Date: 08/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.477mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.549 mW/g

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

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

Reference Value = 19.0 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.716 W/kg

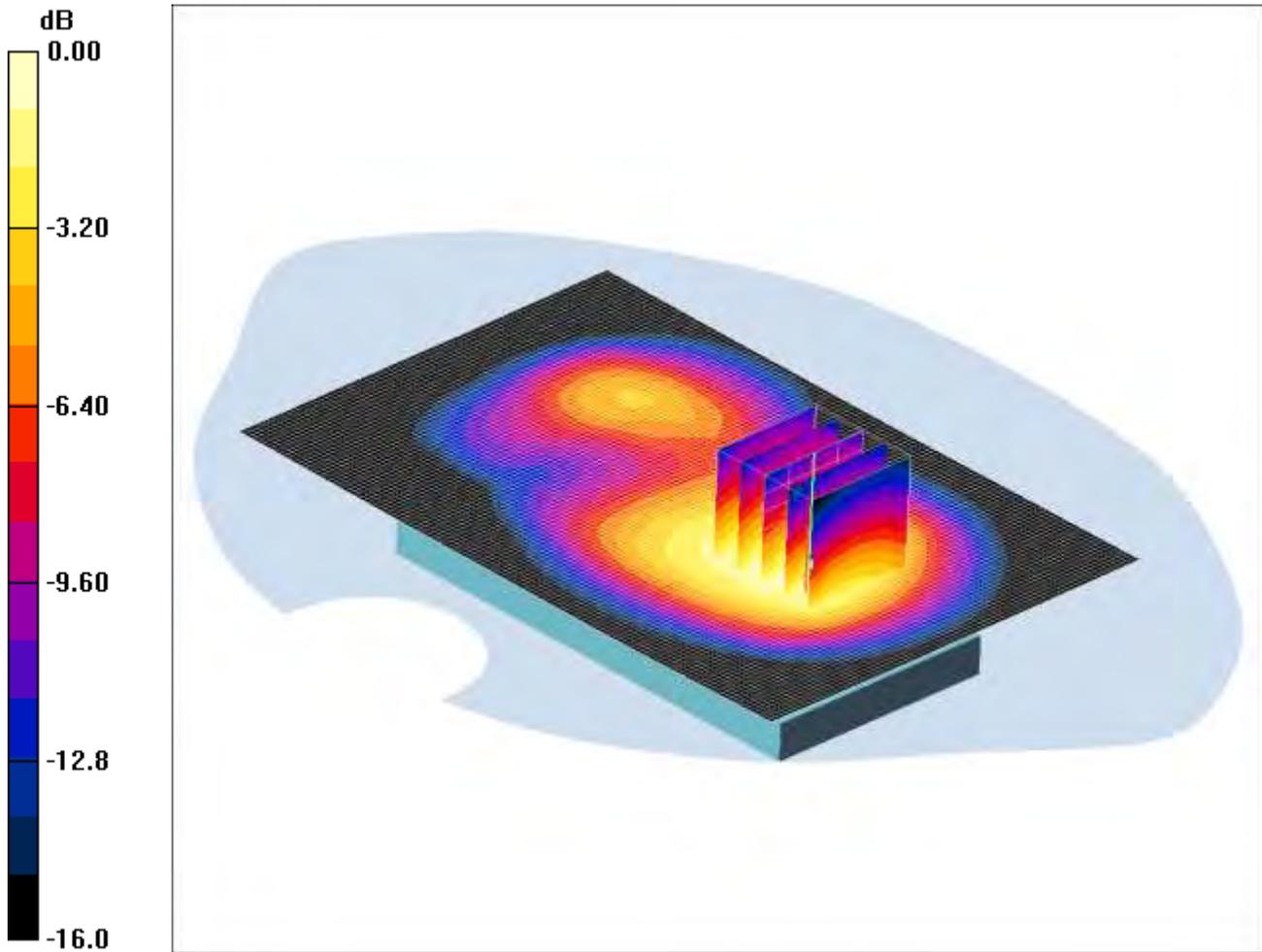
SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.477 mW/g

SCN/89439JD02/033: Front of EUT Facing Phantom GPRS CH512

Date: 08/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.959mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.991 mW/g

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

Reference Value = 14.8 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 1.30 W/kg

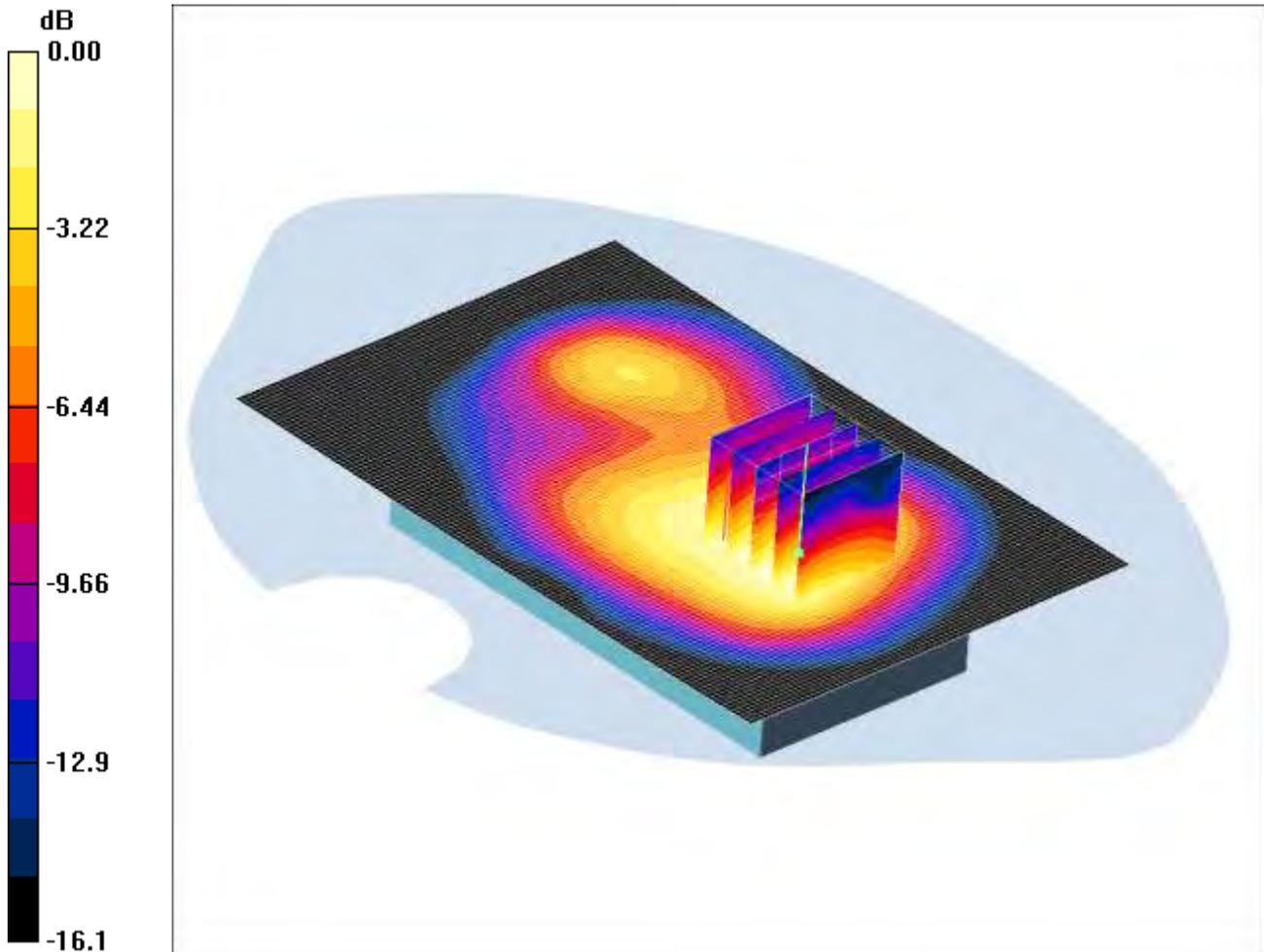
SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.568 mW/g

Maximum value of SAR (measured) = 0.959 mW/g

SCN/89439JD02/034: Front of EUT Facing Phantom GPRS CH810

Date: 08/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.869mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.893 mW/g

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

Reference Value = 18.1 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.20 W/kg

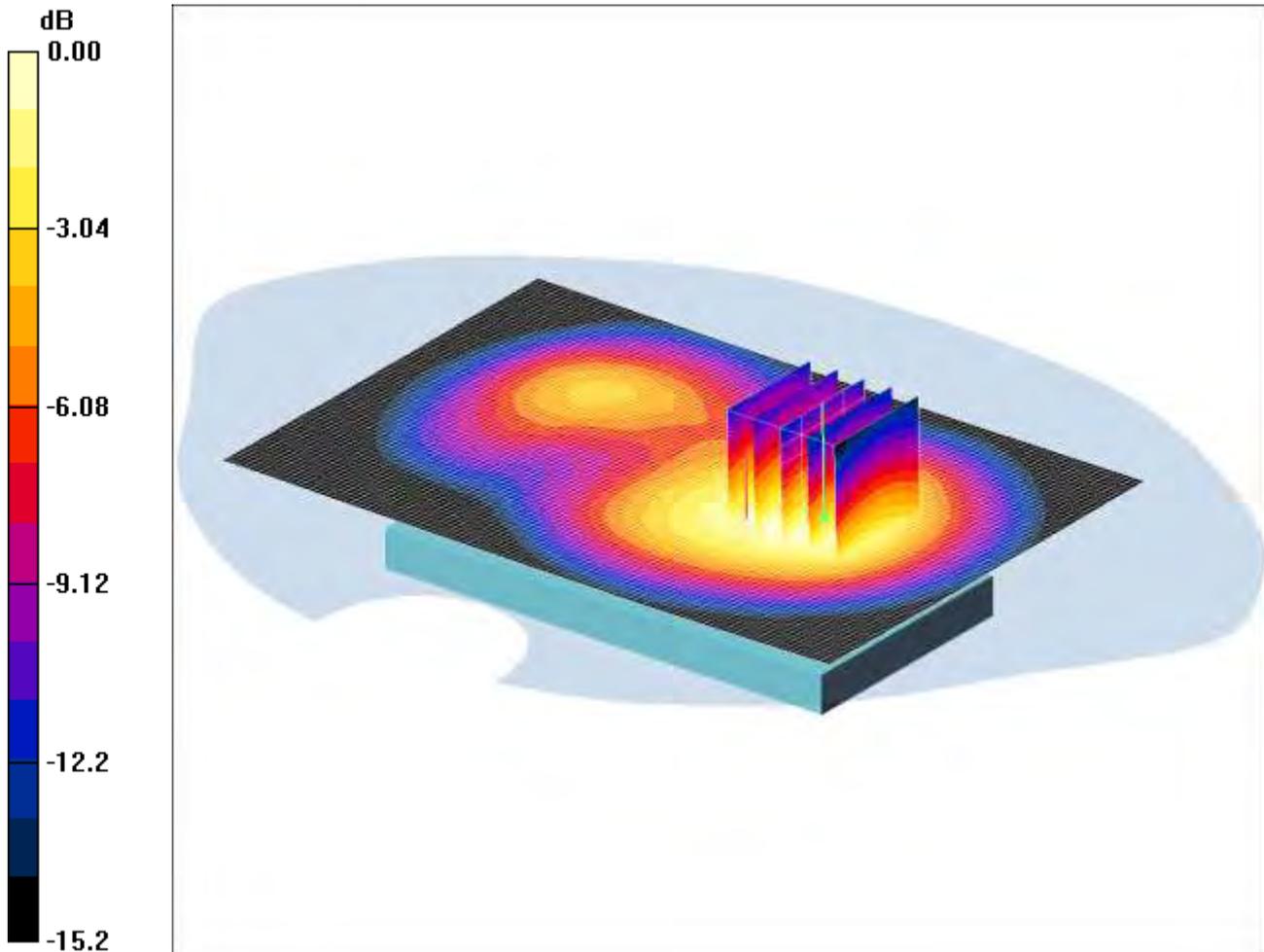
SAR(1 g) = 0.813 mW/g; SAR(10 g) = 0.525 mW/g

Maximum value of SAR (measured) = 0.869 mW/g

SCN/89439JD02/035: Front of EUT Facing Phantom PCS CH512

Date: 10/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.443mW/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; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 11.0 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.603 W/kg

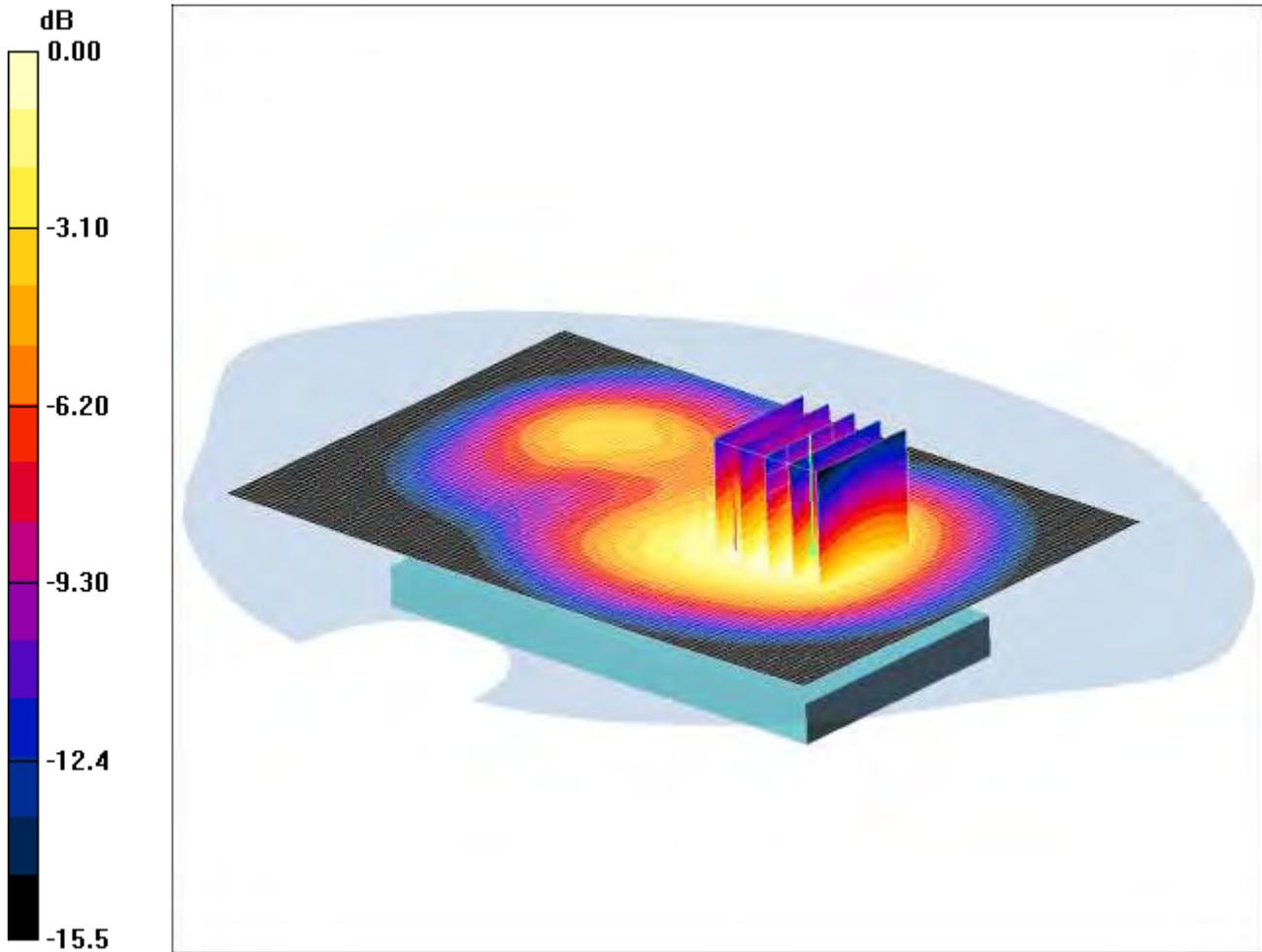
SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.270 mW/g

Maximum value of SAR (measured) = 0.443 mW/g

SCN/89439JD02/036: Front of EUT Facing Phantom PCS CH661

Date: 10/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.428mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle/Area Scan (81x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.435 mW/g

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

Reference Value = 11.9 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.584 W/kg

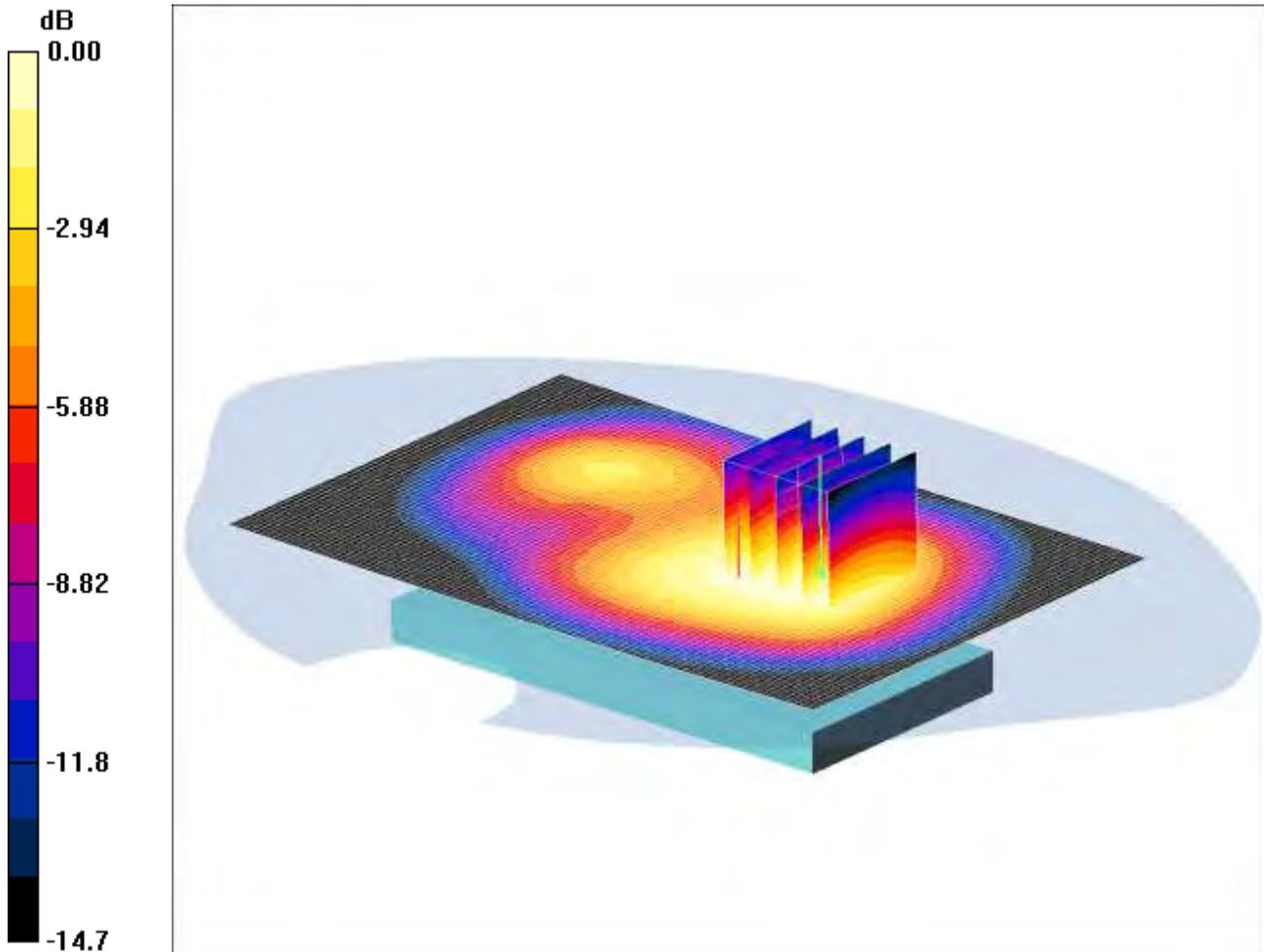
SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 0.428 mW/g

SCN/89439JD02/037: Front of EUT Facing Phantom PCS CH810

Date: 10/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.396mW/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; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - High 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.405 mW/g

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

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

Reference Value = 12.7 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.554 W/kg

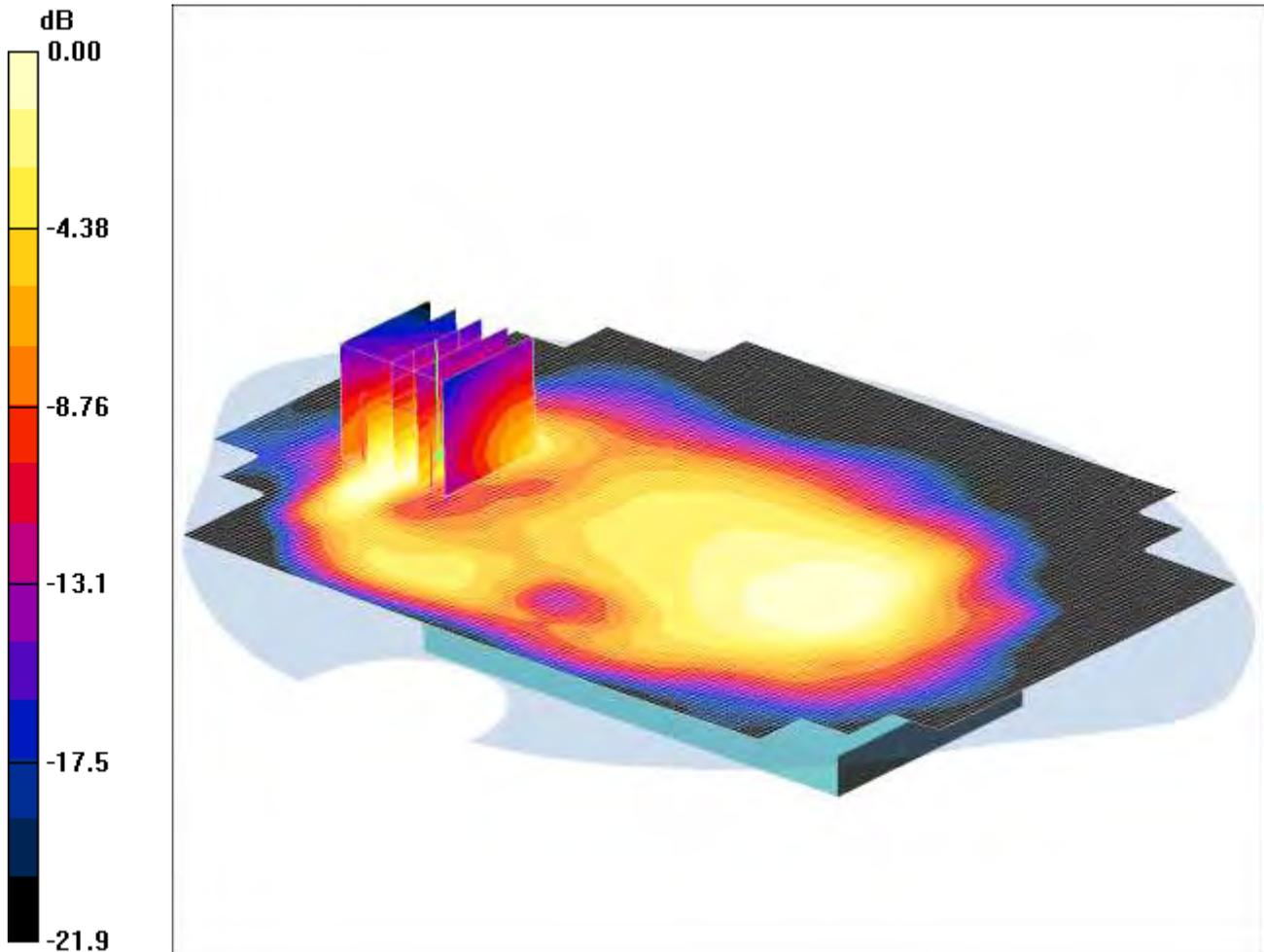
SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.396 mW/g

SCN/89439JD02/038: Back of EUT Facing Phantom with PHF PCS CH512

Date: 10/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT671



0 dB = 0.380mW/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; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Low/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.435 mW/g

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

Reference Value = 12.2 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.768 W/kg

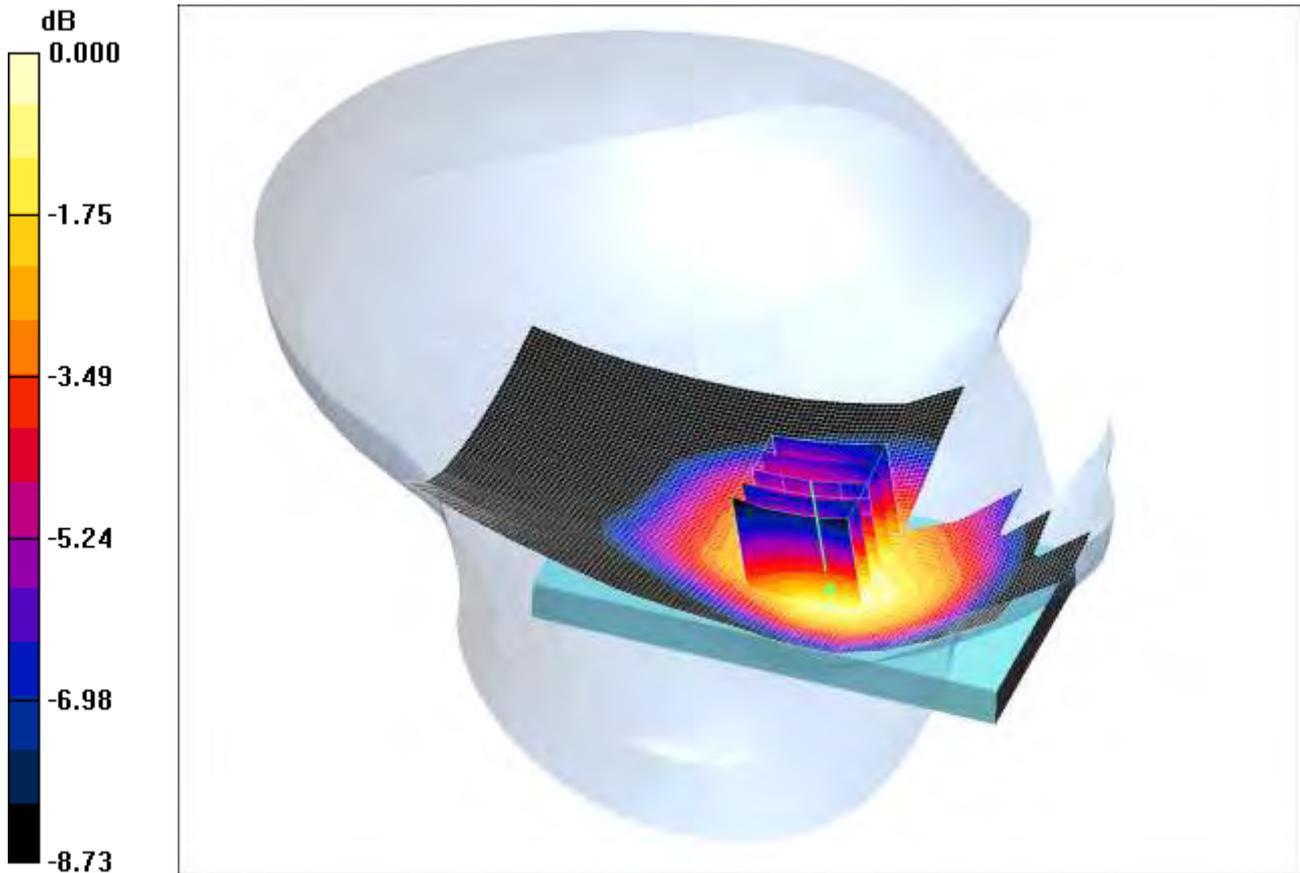
SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.178 mW/g

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

SCN/89439JD02/039: Touch Left UMTS FDD 5 CH4183

Date: 13/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.809mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.791 mW/g

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

Reference Value = 9.22 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.891 W/kg

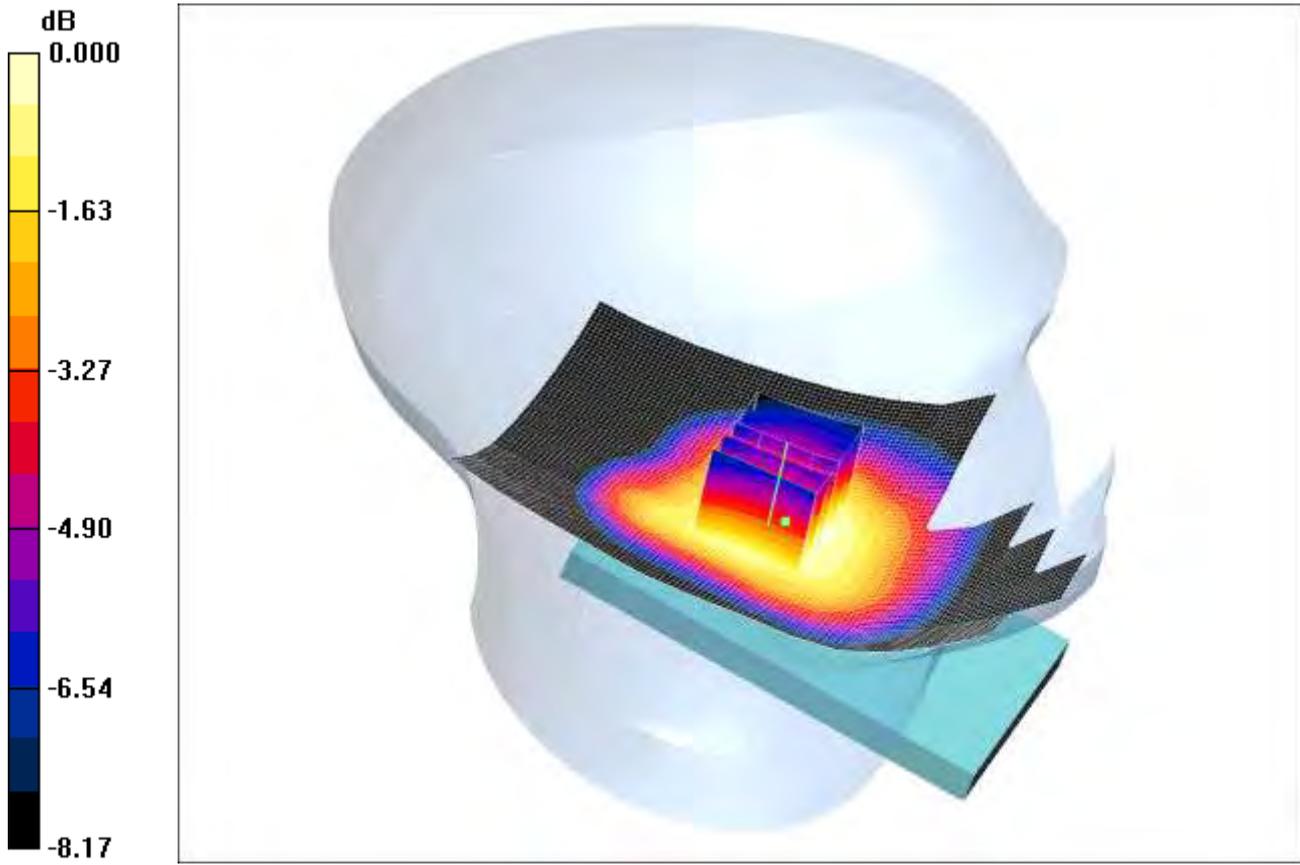
SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.538 mW/g

Maximum value of SAR (measured) = 0.809 mW/g

SCN/89439JD02/040: Tilt Left UMTS FDD 5 CH4183

Date: 13/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.632mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 15.3 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.693 W/kg

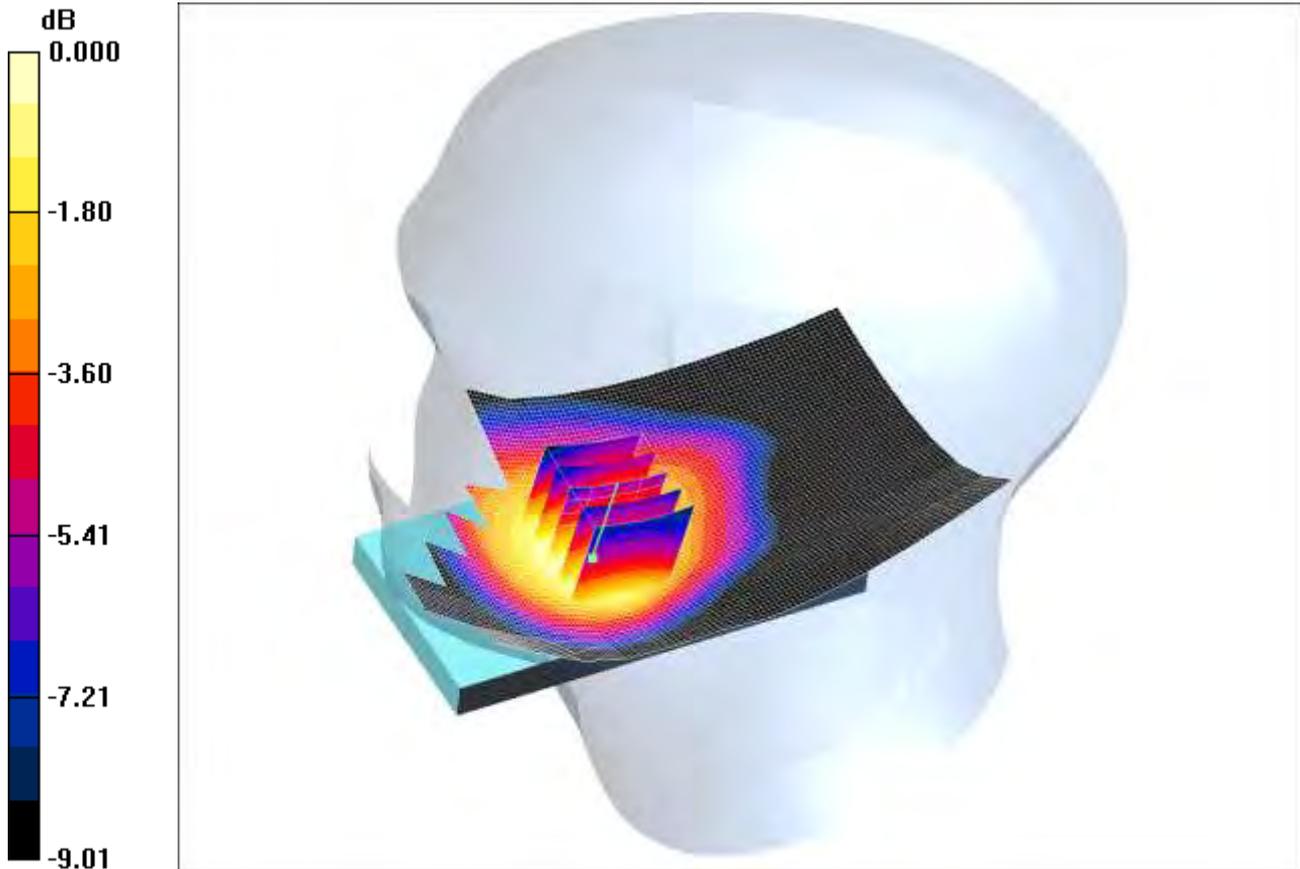
SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.447 mW/g

Maximum value of SAR (measured) = 0.632 mW/g

SCN/89439JD02/041: Touch Right UMTS FDD 5 CH4183

Date: 13/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.854mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.867 mW/g

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

Reference Value = 9.51 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 0.956 W/kg

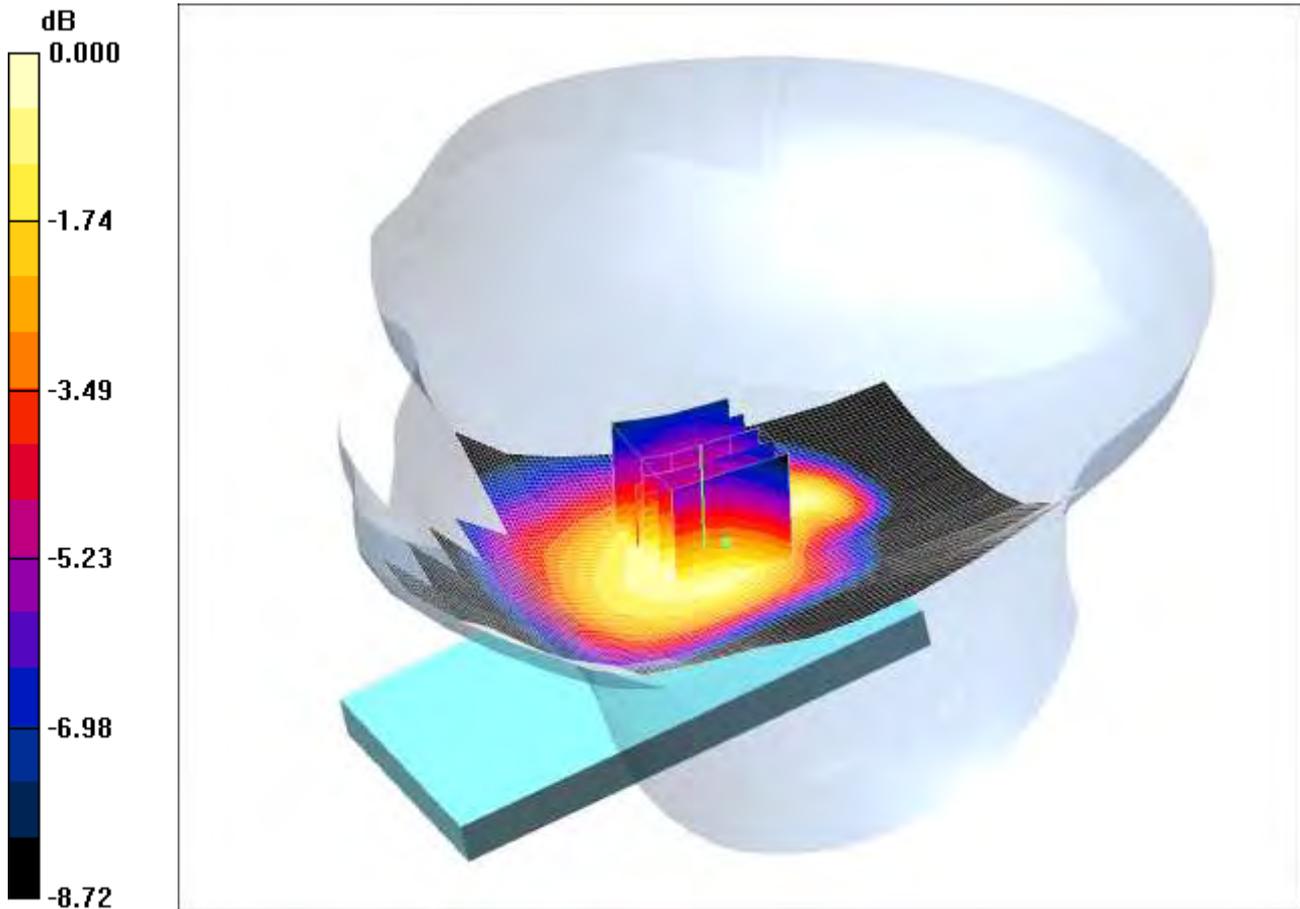
SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.591 mW/g

Maximum value of SAR (measured) = 0.854 mW/g

SCN/89439JD02/042: Tilt Right UMTS FDD 5 CH4183

Date: 13/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.574mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.587 mW/g

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

Reference Value = 15.3 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 0.647 W/kg

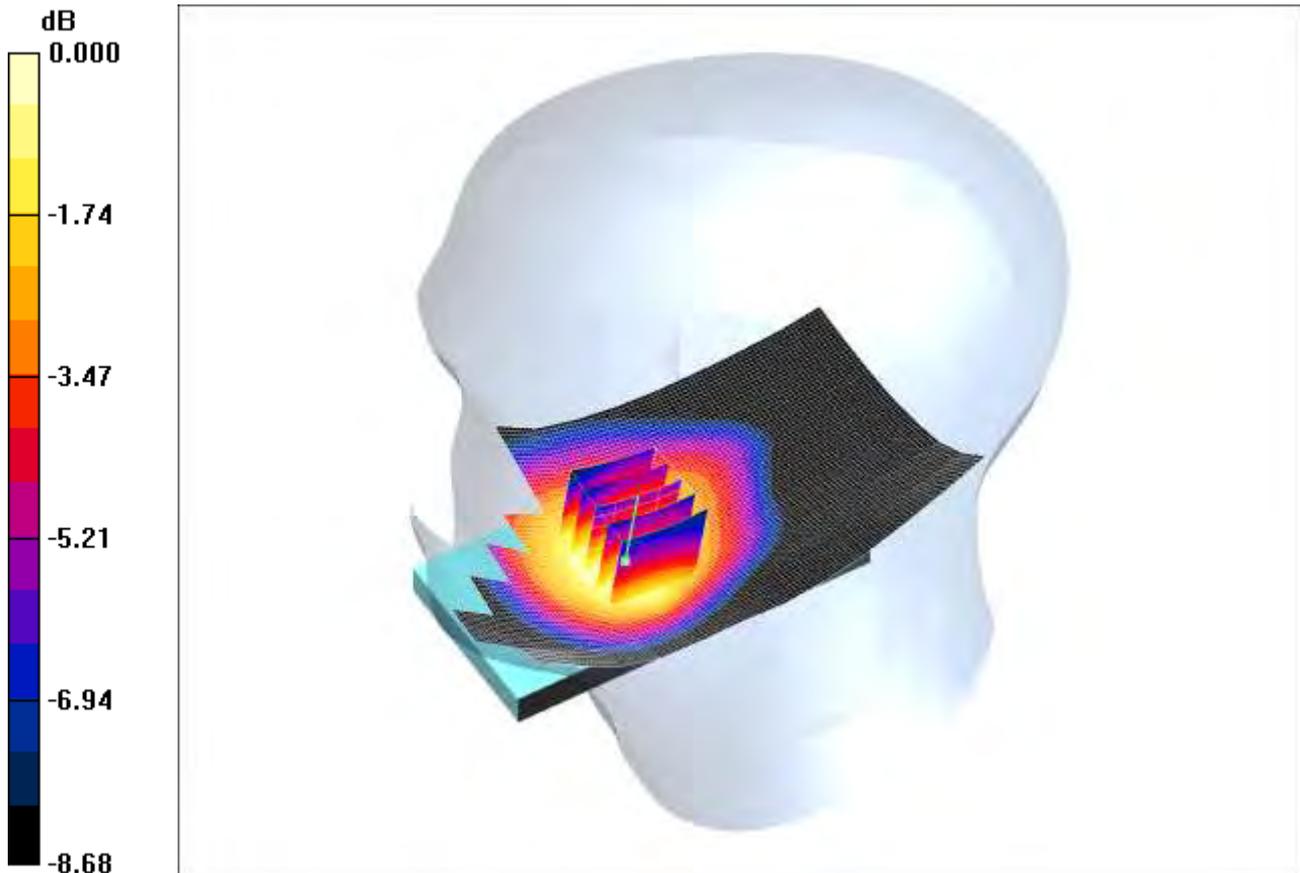
SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.395 mW/g

Maximum value of SAR (measured) = 0.574 mW/g

SCN/89439JD02/043: Touch Right UMTS FDD 5 CH4132

Date: 13/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.937mW/g

Communication System: UMTS-FDD 5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 42.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Right - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.952 mW/g

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

Reference Value = 10.2 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 1.05 W/kg

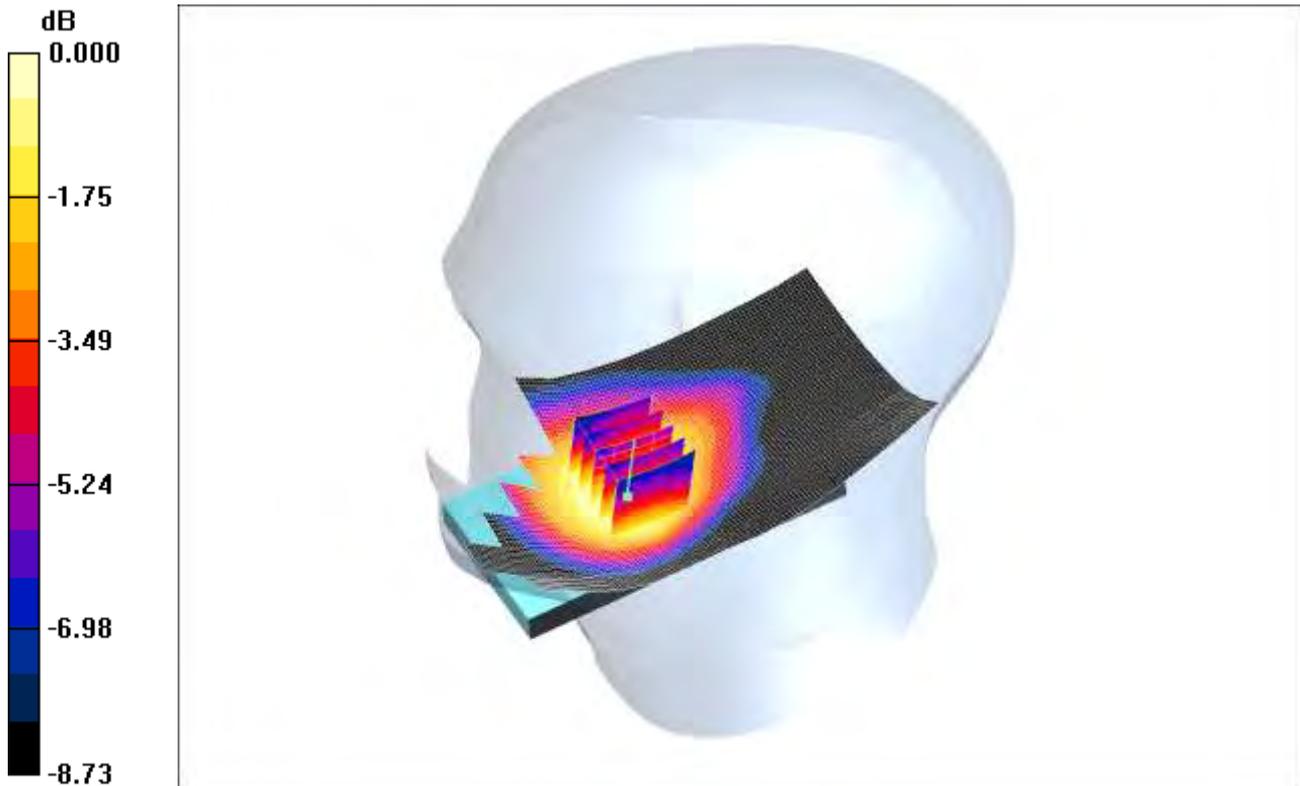
SAR(1 g) = 0.858 mW/g; SAR(10 g) = 0.657 mW/g

Maximum value of SAR (measured) = 0.937 mW/g

SCN/89439JD02/044: Touch Right UMTS FDD 5 CH4233

Date: 13/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.912mW/g

Communication System: UMTS-FDD 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Right - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.936 mW/g

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

Reference Value = 10.4 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 1.01 W/kg

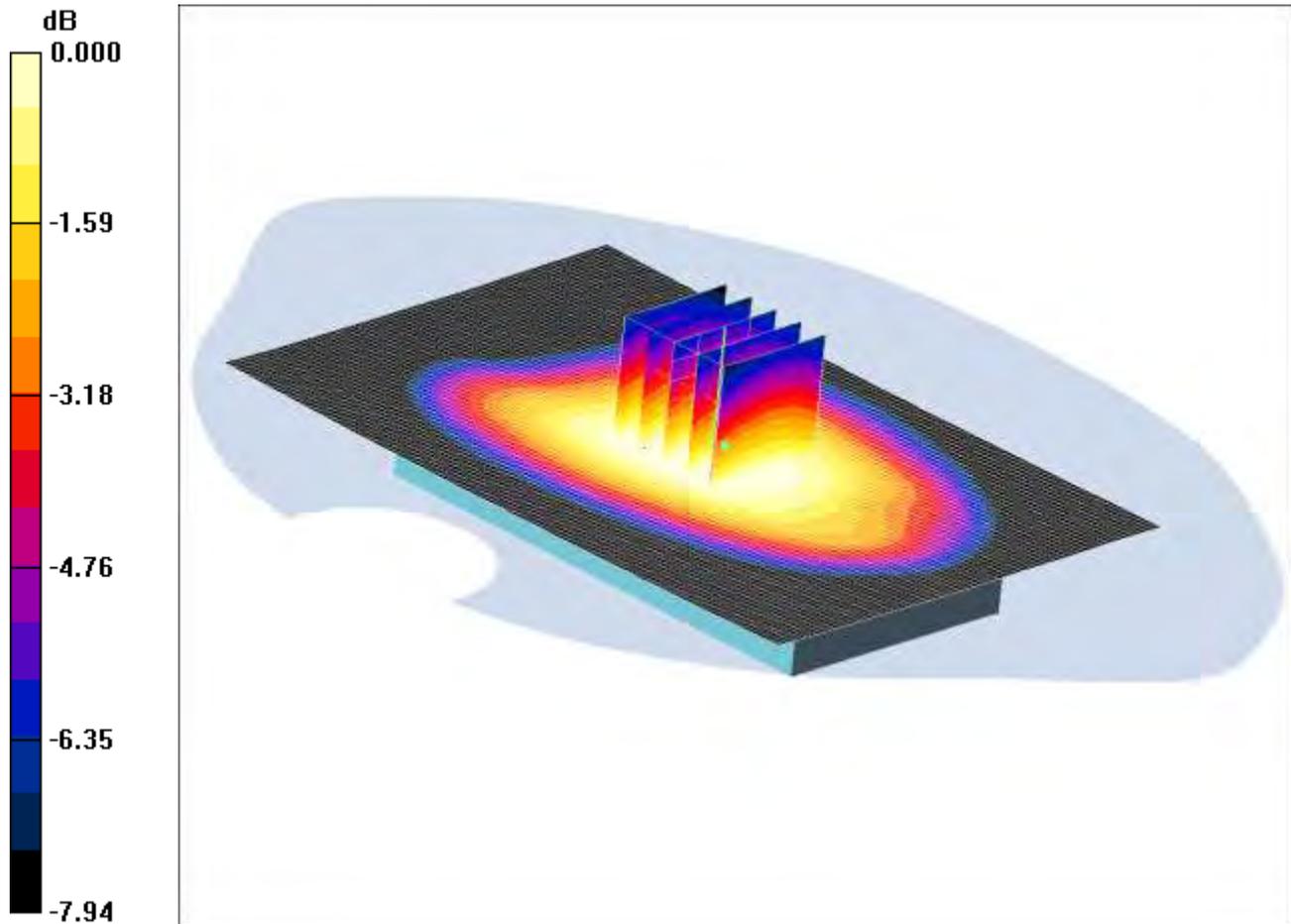
SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.644 mW/g

Maximum value of SAR (measured) = 0.912 mW/g

SCN/89439JD02/045: Front of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 10/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.982mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Front of EUT Facing Phantom - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.999 mW/g

Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 3 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 31.9 V/m; Power Drift = -0.151 dB

Peak SAR (extrapolated) = 1.10 W/kg

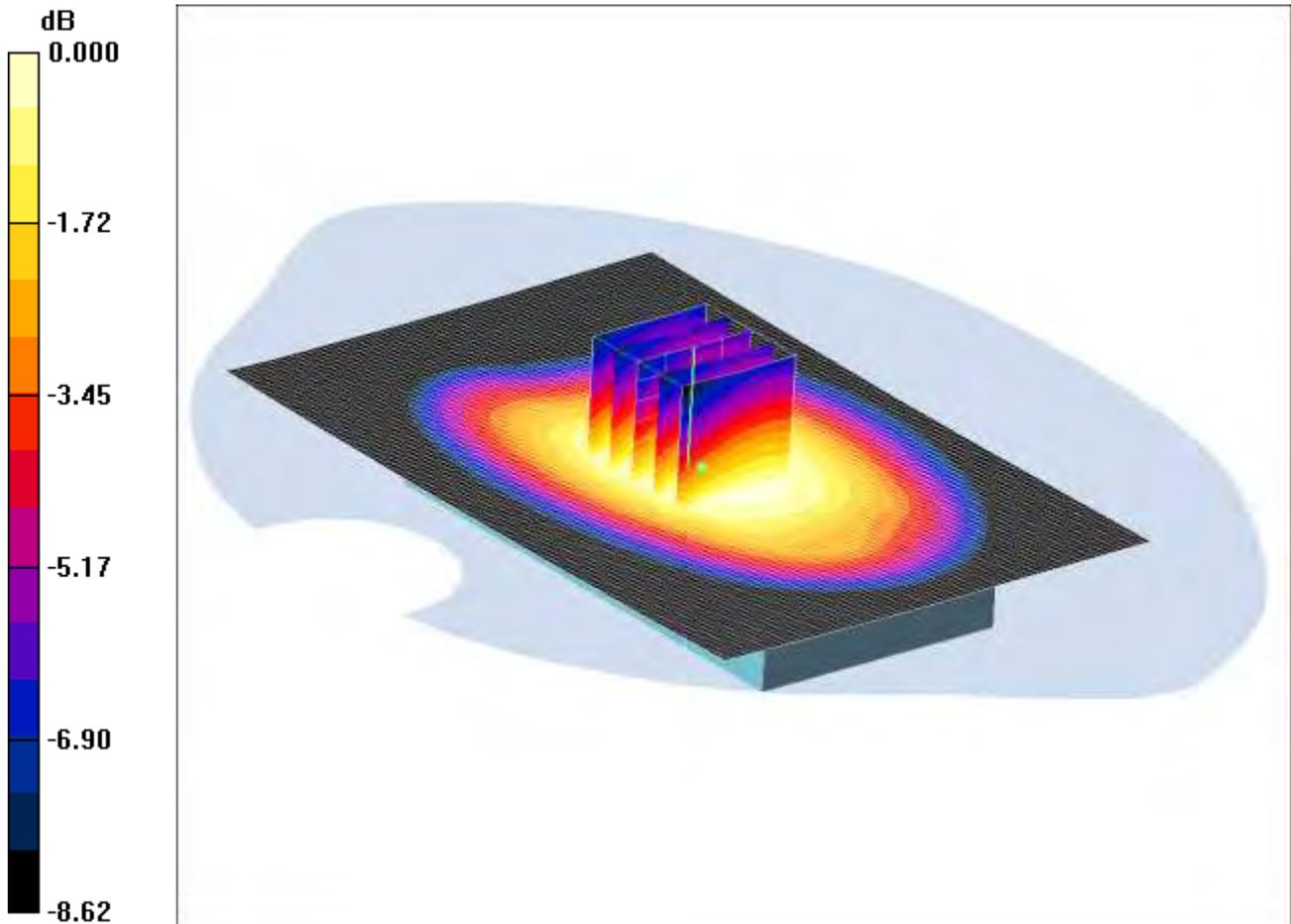
SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.686 mW/g

Maximum value of SAR (measured) = 0.982 mW/g

SCN/89439JD02/046: Front of EUT Facing Phantom UMTS FDD 5 CH4132

Date: 10/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 1.10mW/g

Communication System: UMTS-FDD 5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Front of EUT Facing Phantom - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.10 mW/g

Front of EUT Facing Phantom - Low/Zoom Scan (5x5x7) 2 3 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 33.3 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 1.23 W/kg

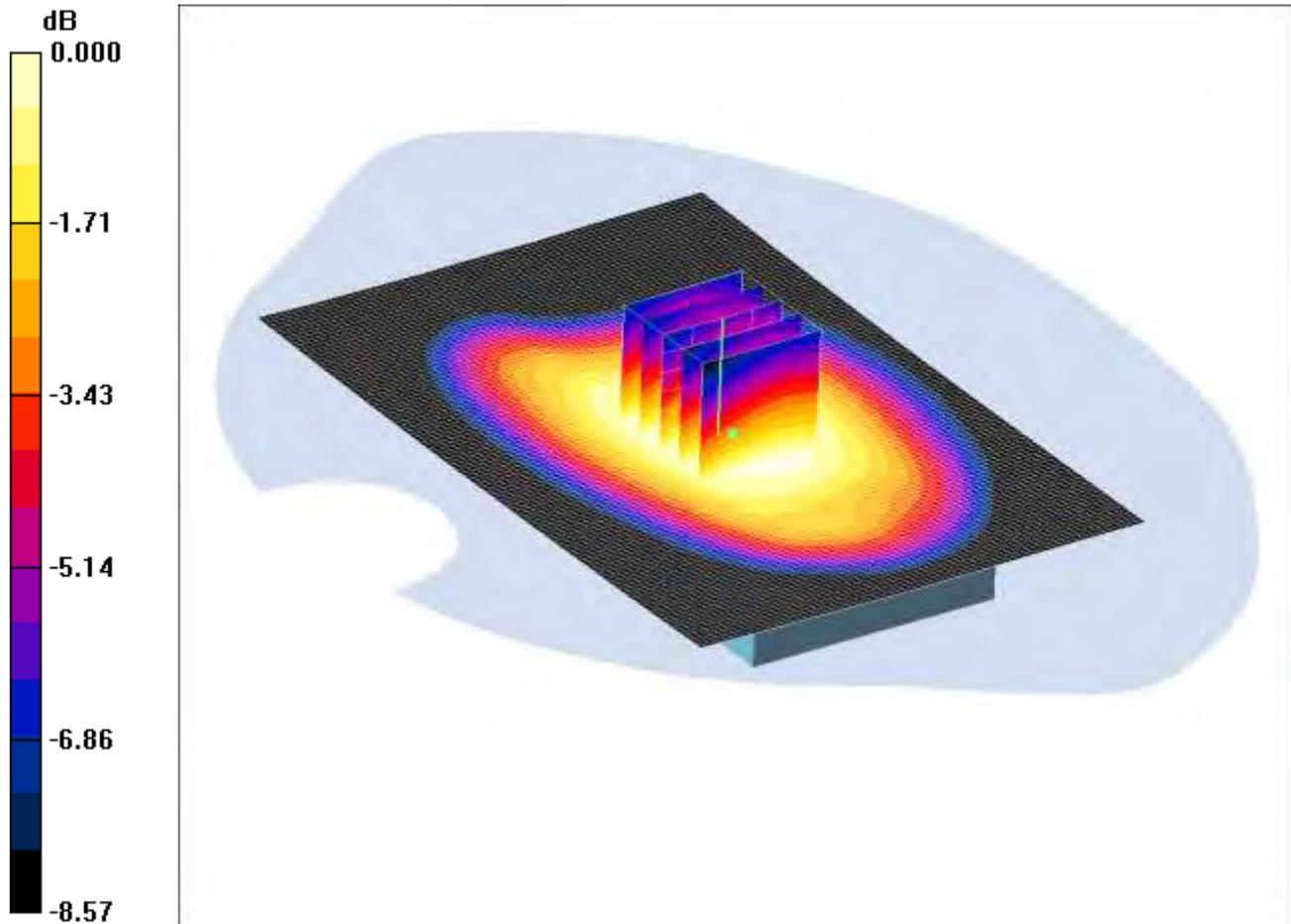
SAR(1 g) = 0.976 mW/g; SAR(10 g) = 0.752 mW/g

Maximum value of SAR (measured) = 1.10 mW/g

SCN/89439JD02/047: Front of EUT Facing Phantom UMTS FDD 5 CH4233

Date: 10/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.941mW/g

Communication System: UMTS-FDD 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Front of EUT Facing Phantom -High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.946 mW/g

Front of EUT Facing Phantom -High/Zoom Scan (5x5x7) 2 3 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 30.8 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 1.05 W/kg

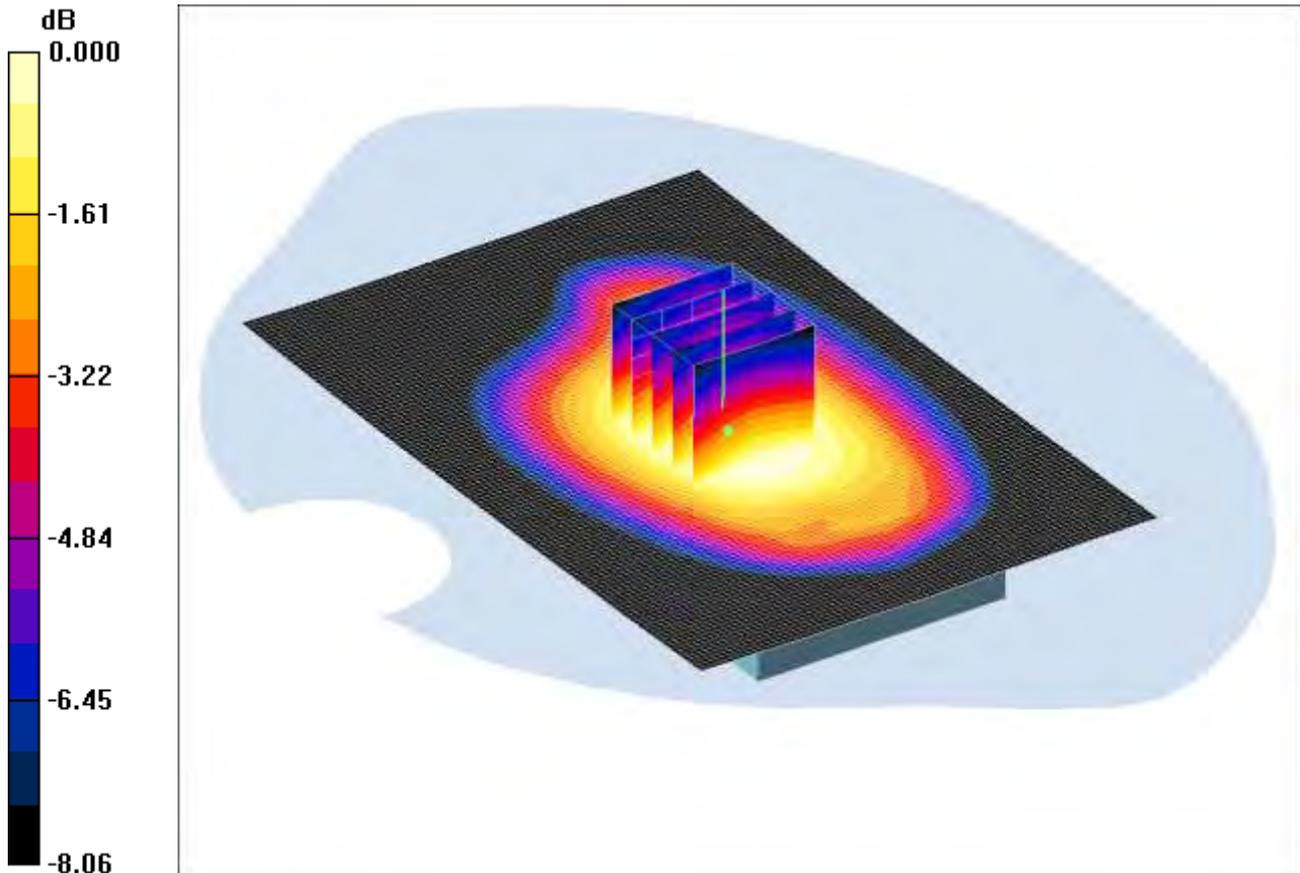
SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.656 mW/g

Maximum value of SAR (measured) = 0.941 mW/g

SCN/89439JD02/048: Back of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 10/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.855mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Back of EUT Facing Phantom -Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.871 mW/g

Back of EUT Facing Phantom -Middle/Zoom Scan (5x5x7) 2 3 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 30.1 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.958 W/kg

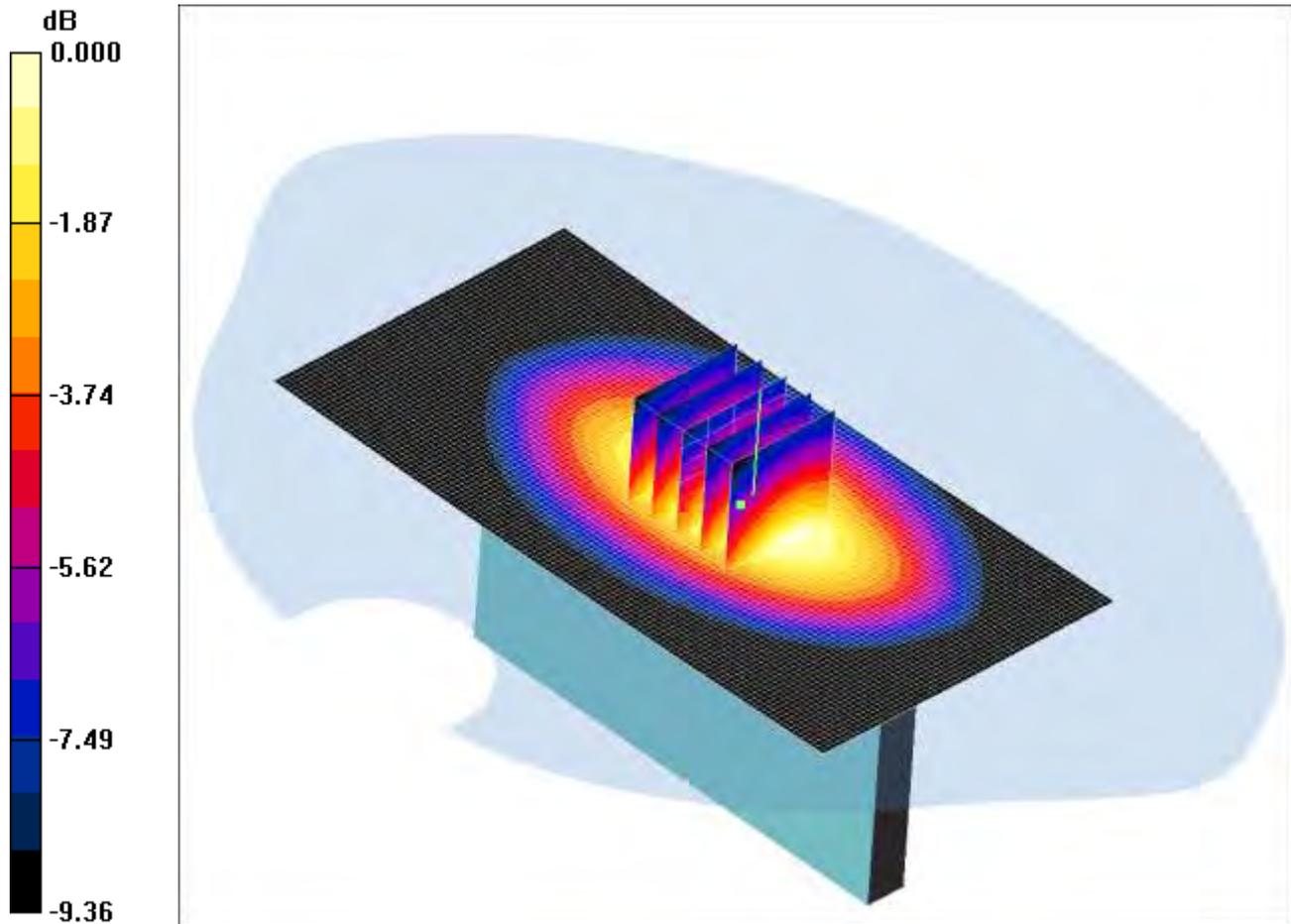
SAR(1 g) = 0.767 mW/g; SAR(10 g) = 0.593 mW/g

Maximum value of SAR (measured) = 0.855 mW/g

SCN/89439JD02/049: Left Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 1.31mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Hand Side of EUT Facing Phantom -Middle/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.35 mW/g

Left Hand Side of EUT Facing Phantom -Middle/Zoom Scan (5x5x7) 2 3 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.5 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 1.59 W/kg

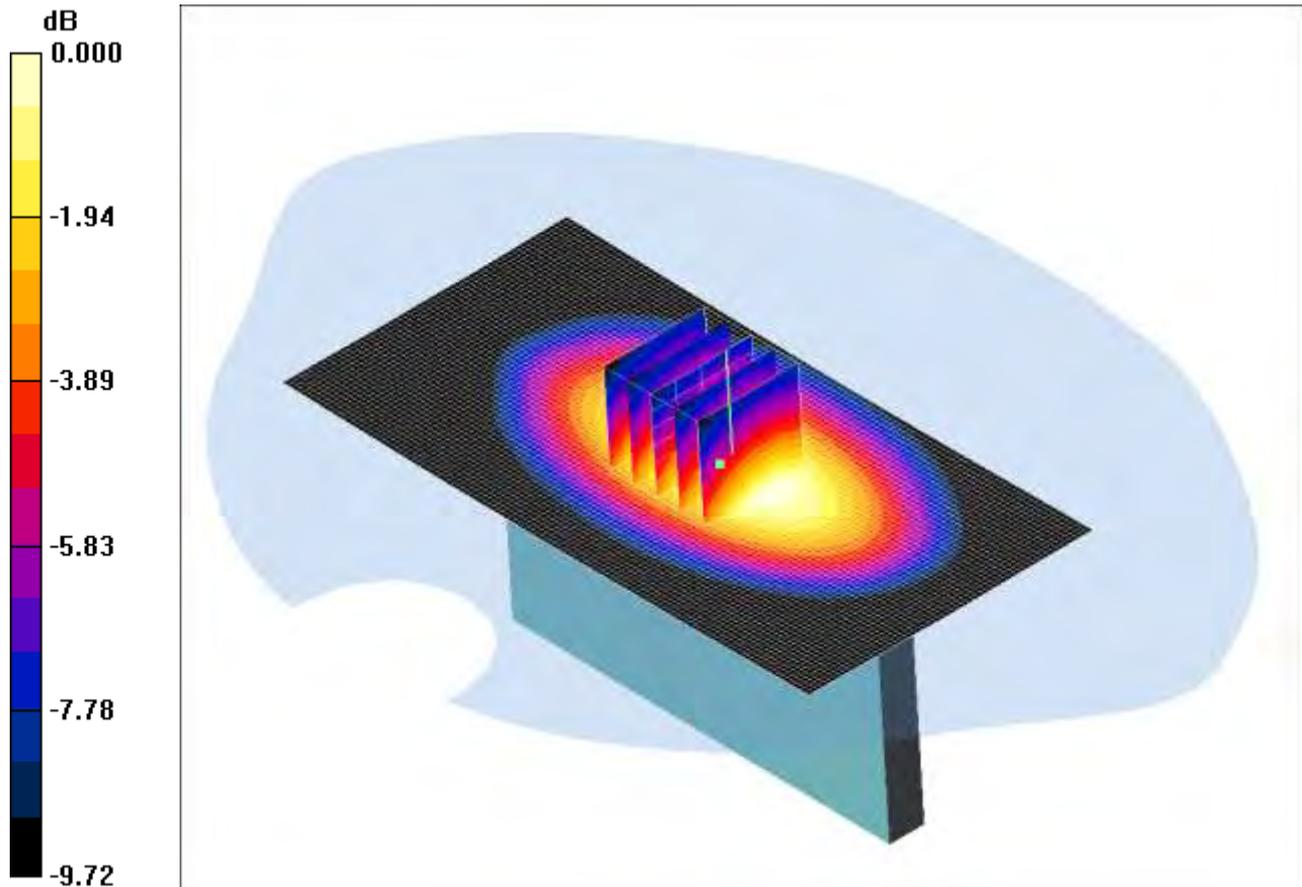
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.806 mW/g

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

SCN/89439JD02/050: Left Hand Side of EUT Facing Phantom UMTS FDD 5 CH4132

Date: 10/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 1.40mW/g

Communication System: UMTS-FDD 5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Hand Side of EUT Facing Phantom -Low/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.44 mW/g

Left Hand Side of EUT Facing Phantom -Low/Zoom Scan (5x5x7) 2 3 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.7 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.67 W/kg

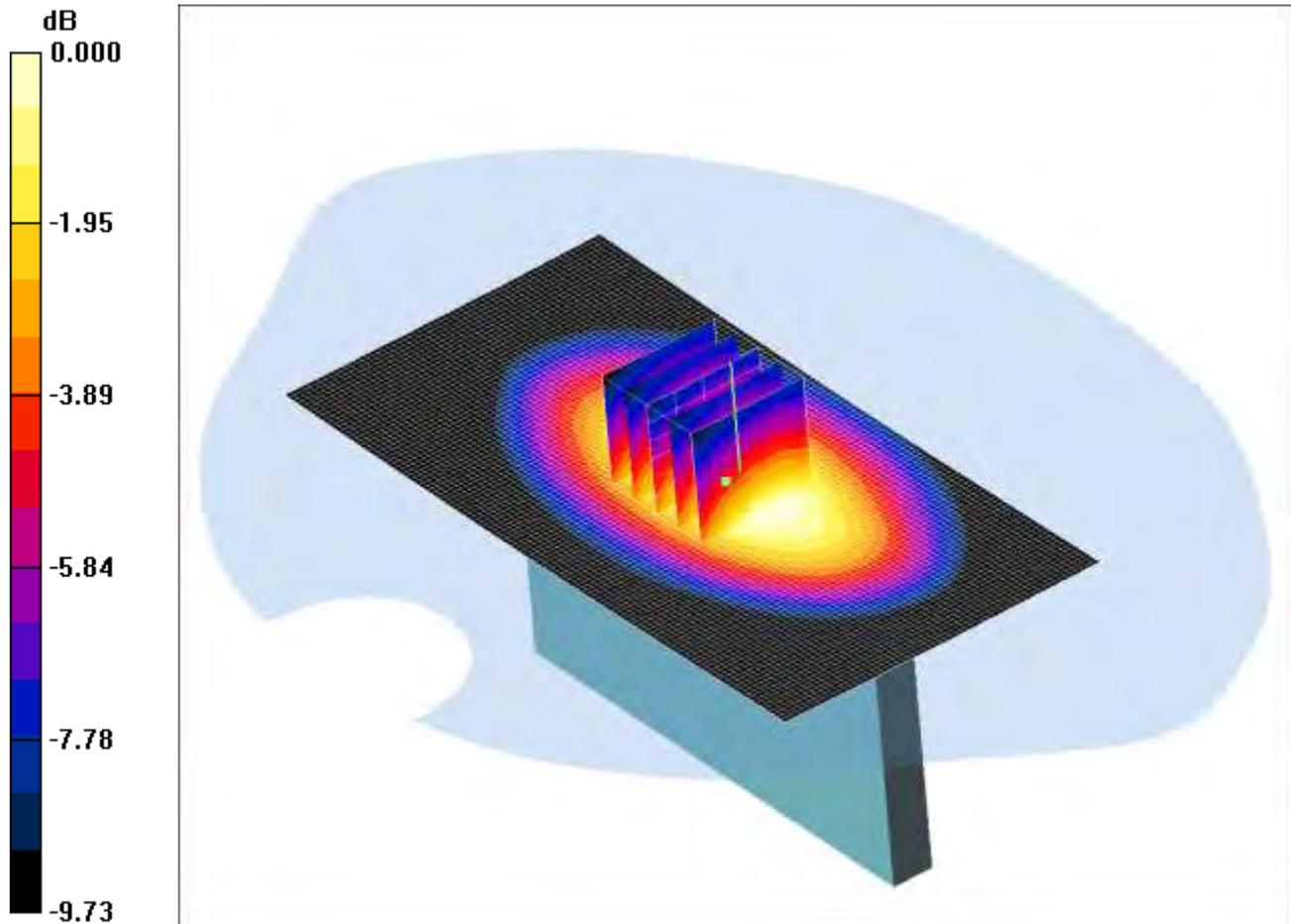
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.849 mW/g

Maximum value of SAR (measured) = 1.40 mW/g

SCN/89439JD02/051: Left Hand Side of EUT Facing Phantom UMTS FDD 5 CH4233

Date: 10/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 1.11mW/g

Communication System: UMTS-FDD 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Hand Side of EUT Facing Phantom -High/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

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

Left Hand Side of EUT Facing Phantom -High/Zoom Scan (5x5x7) 2 3 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.1 V/m; Power Drift = -0.171 dB

Peak SAR (extrapolated) = 1.34 W/kg

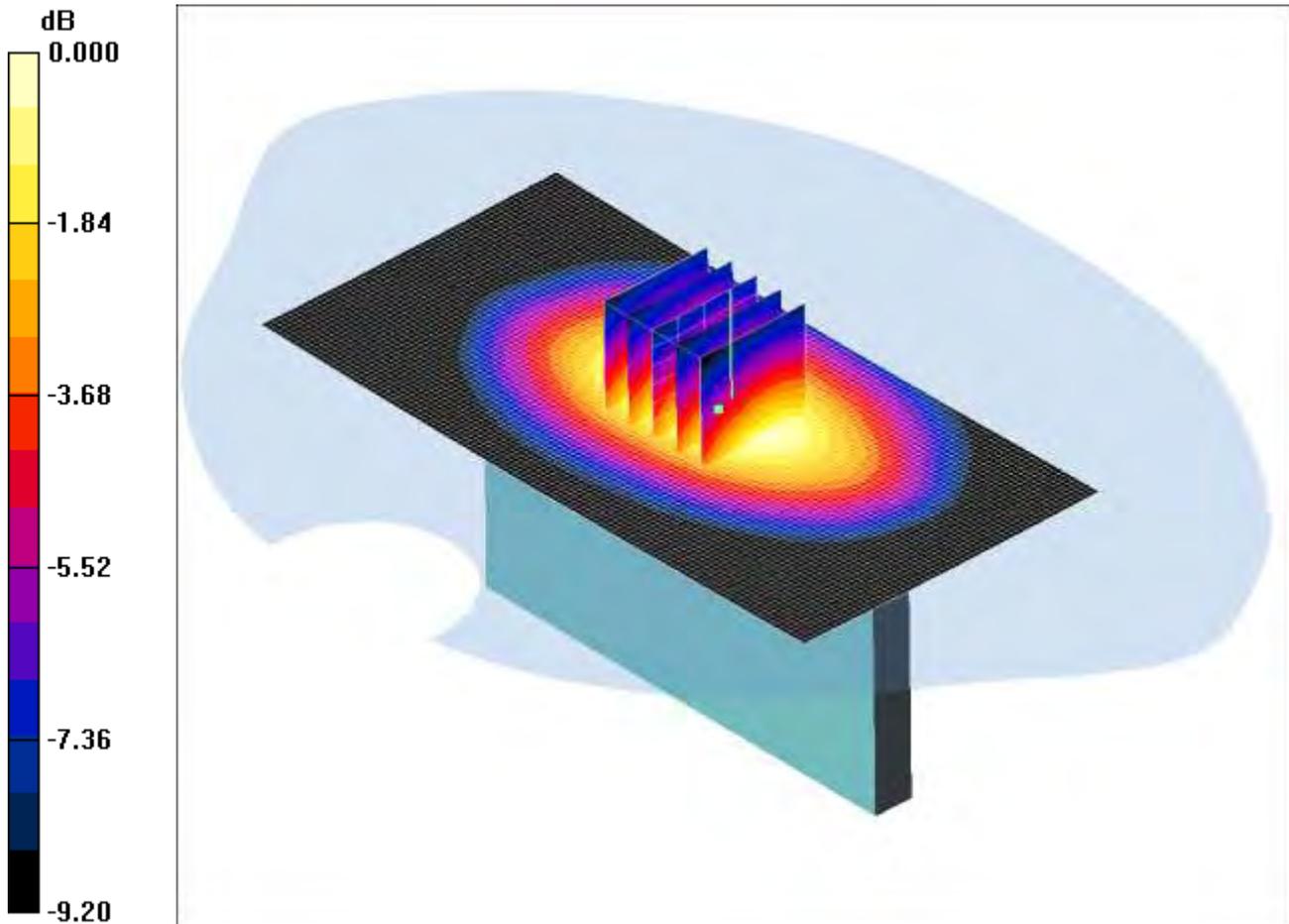
SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.684 mW/g

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

SCN/89439JD02/052: Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 1.10mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Hand Side of EUT Facing Phantom - Middle/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

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

Right Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 3 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.3 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 1.29 W/kg

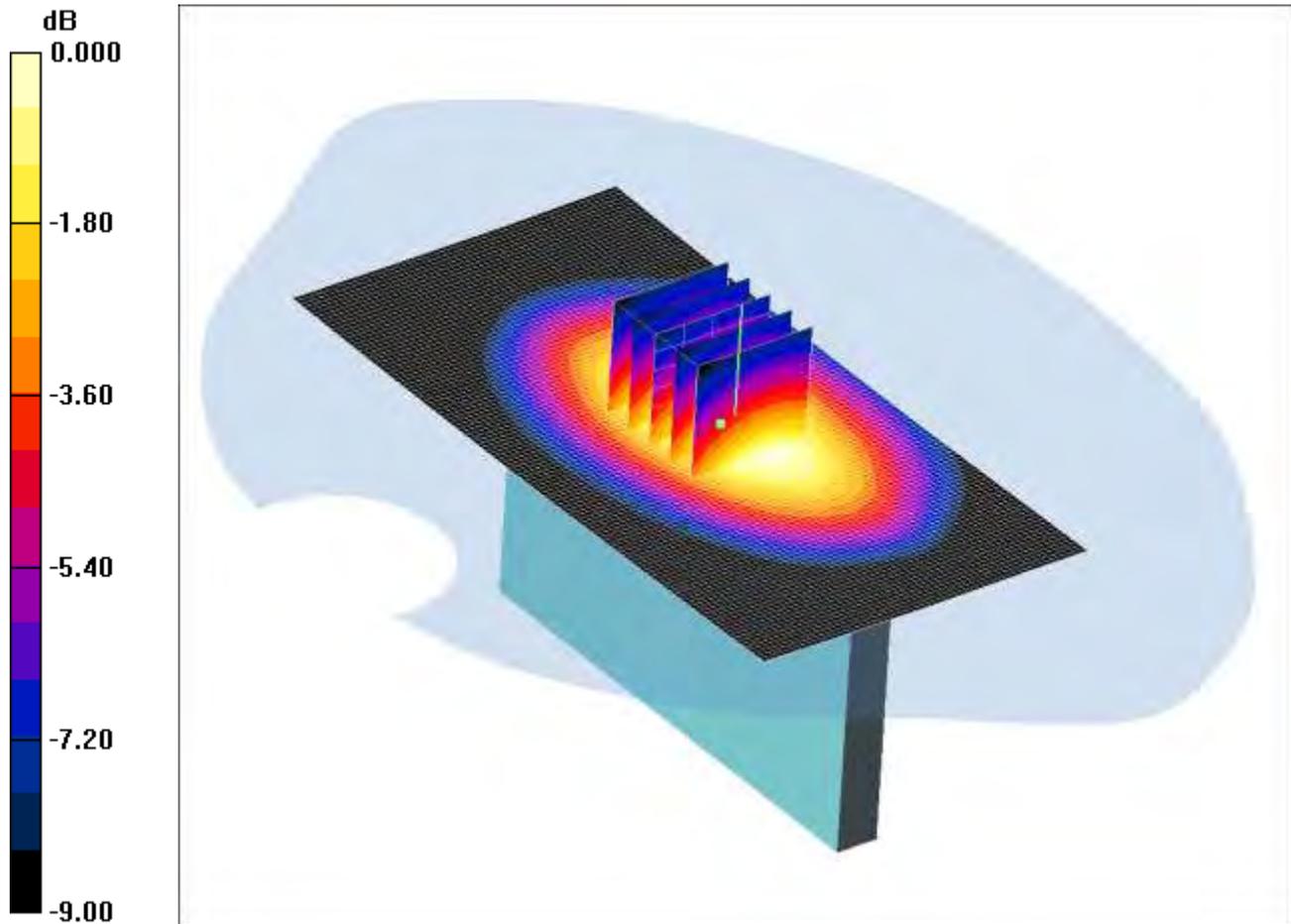
SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.683 mW/g

Maximum value of SAR (measured) = 1.10 mW/g

SCN/89439JD02/053: Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4132

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 1.07mW/g

Communication System: UMTS-FDD 5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Hand Side of EUT Facing Phantom - Low/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.10 mW/g

Right Hand Side of EUT Facing Phantom - Low/Zoom Scan (5x5x7) 2 3 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.3 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 1.26 W/kg

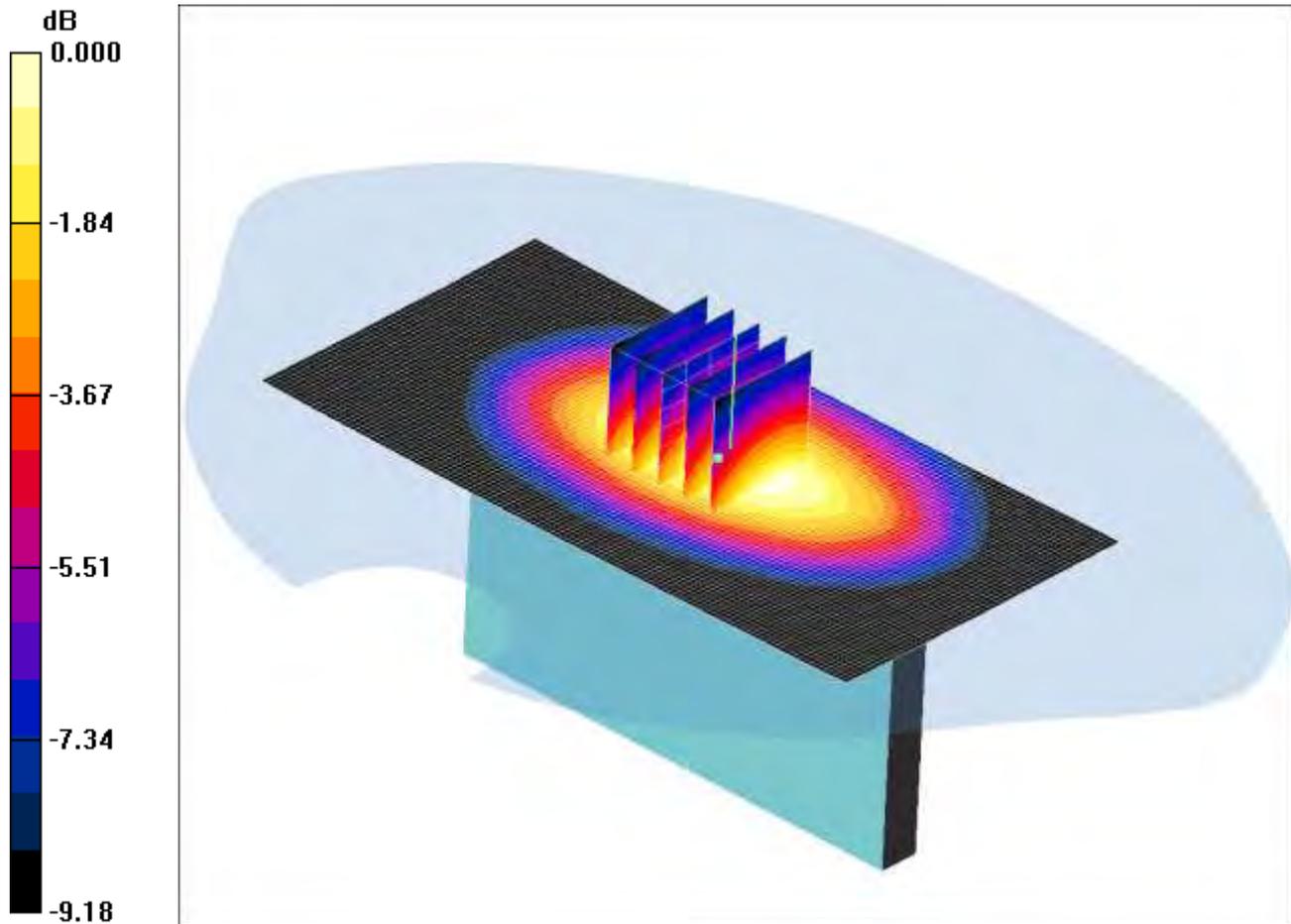
SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.668 mW/g

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

SCN/89439JD02/054: Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4233

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.967mW/g

Communication System: UMTS-FDD 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Hand Side of EUT Facing Phantom - High/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.02 mW/g

Right Hand Side of EUT Facing Phantom - High/Zoom Scan (5x5x7) 2 3 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.3 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 1.14 W/kg

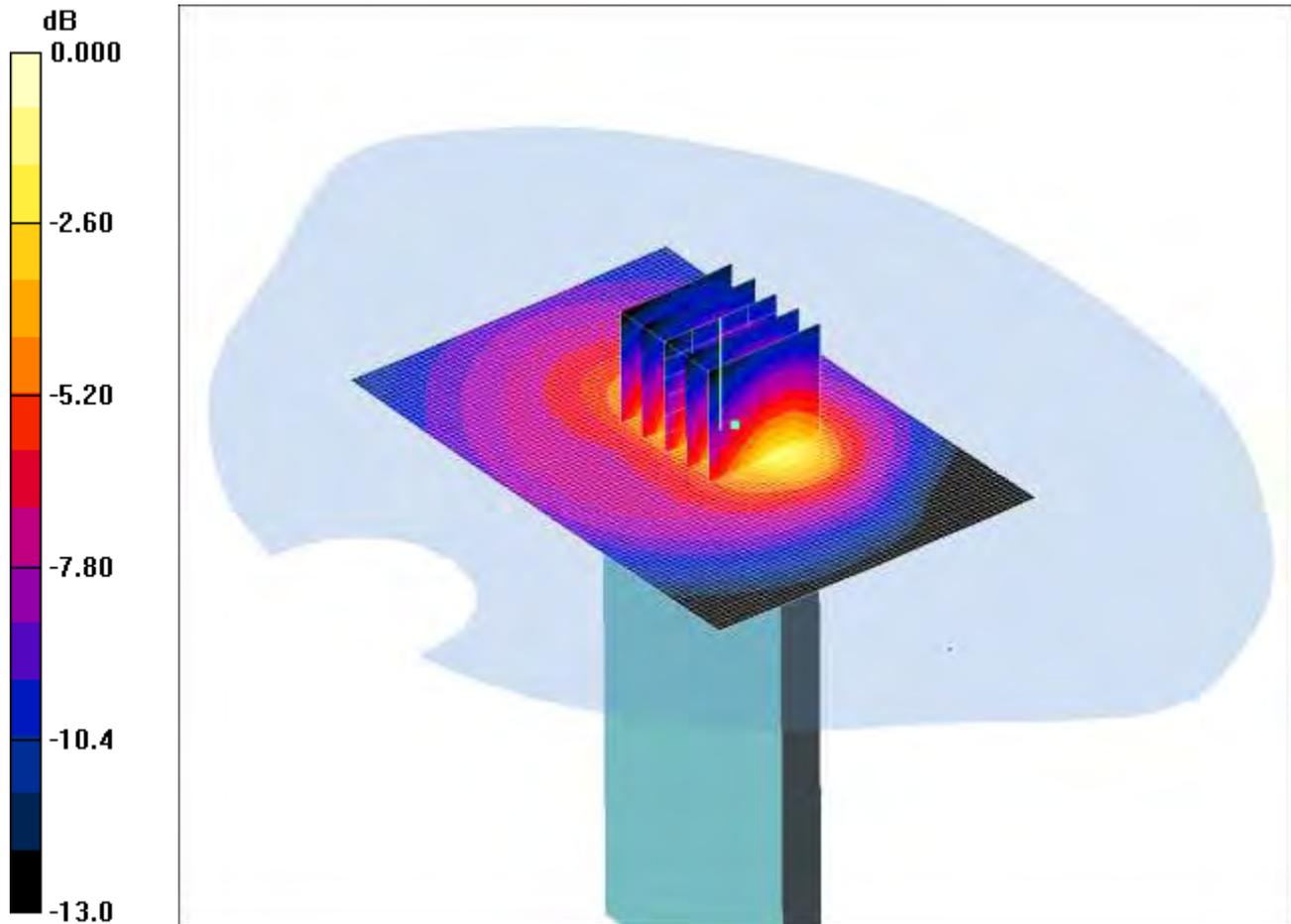
SAR(1 g) = 0.847 mW/g; SAR(10 g) = 0.600 mW/g

Maximum value of SAR (measured) = 0.967 mW/g

SCN/89439JD02/055: Bottom of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.293mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Bottom of EUT Facing Phantom - Middle/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.283 mW/g

Bottom of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 3 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 14.9 V/m; Power Drift = -0.092 dB

Peak SAR (extrapolated) = 0.403 W/kg

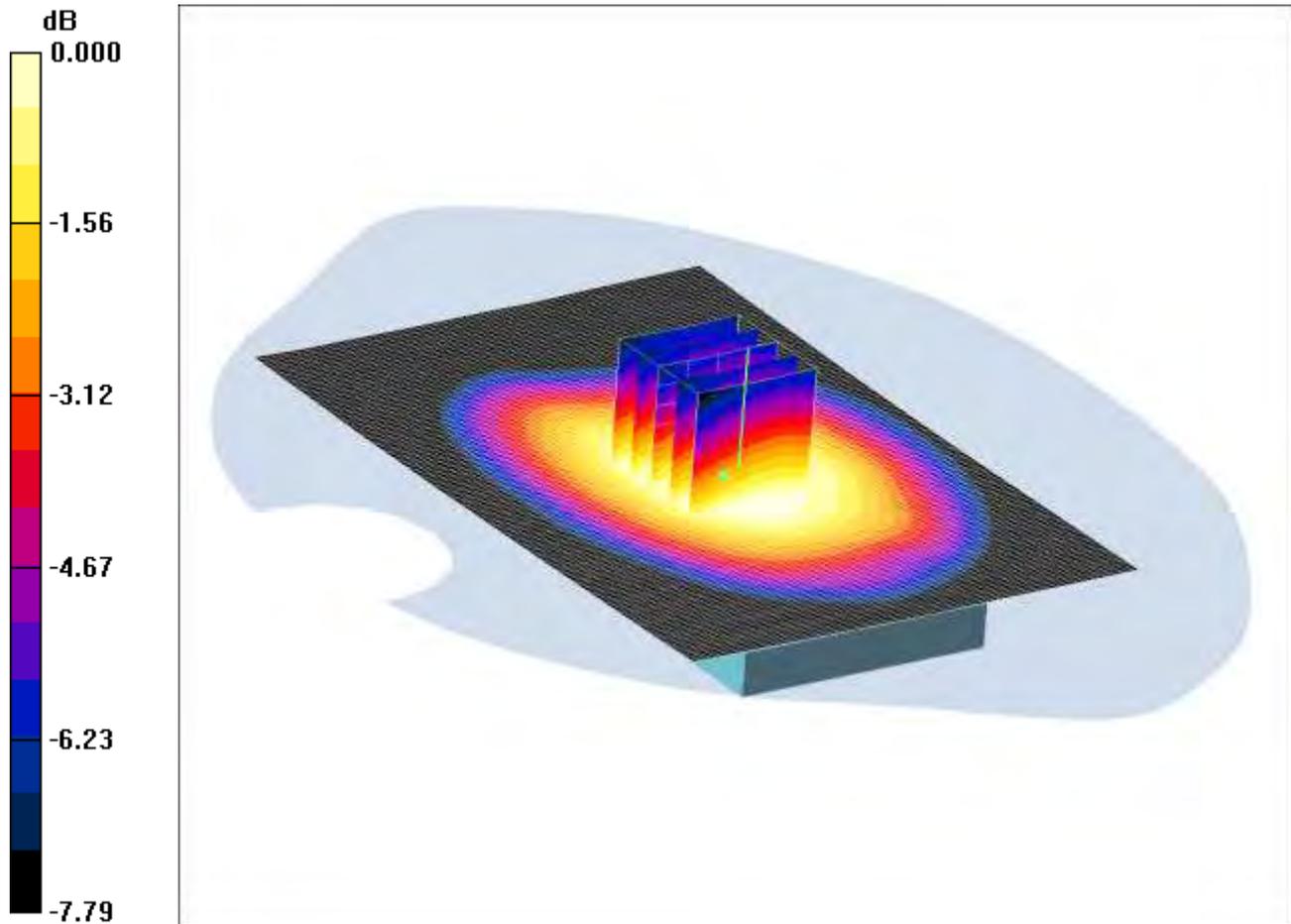
SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 0.293 mW/g

SCN/89439JD02/056: Front of EUT Facing Phantom at 15mm UMTS FDD 5 CH4183

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.860mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Front of EUT Facing Phantom at 15mm - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.879 mW/g

Front of EUT Facing Phantom at 15mm - Middle/Zoom Scan (5x5x7) 2 3 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.1 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.950 W/kg

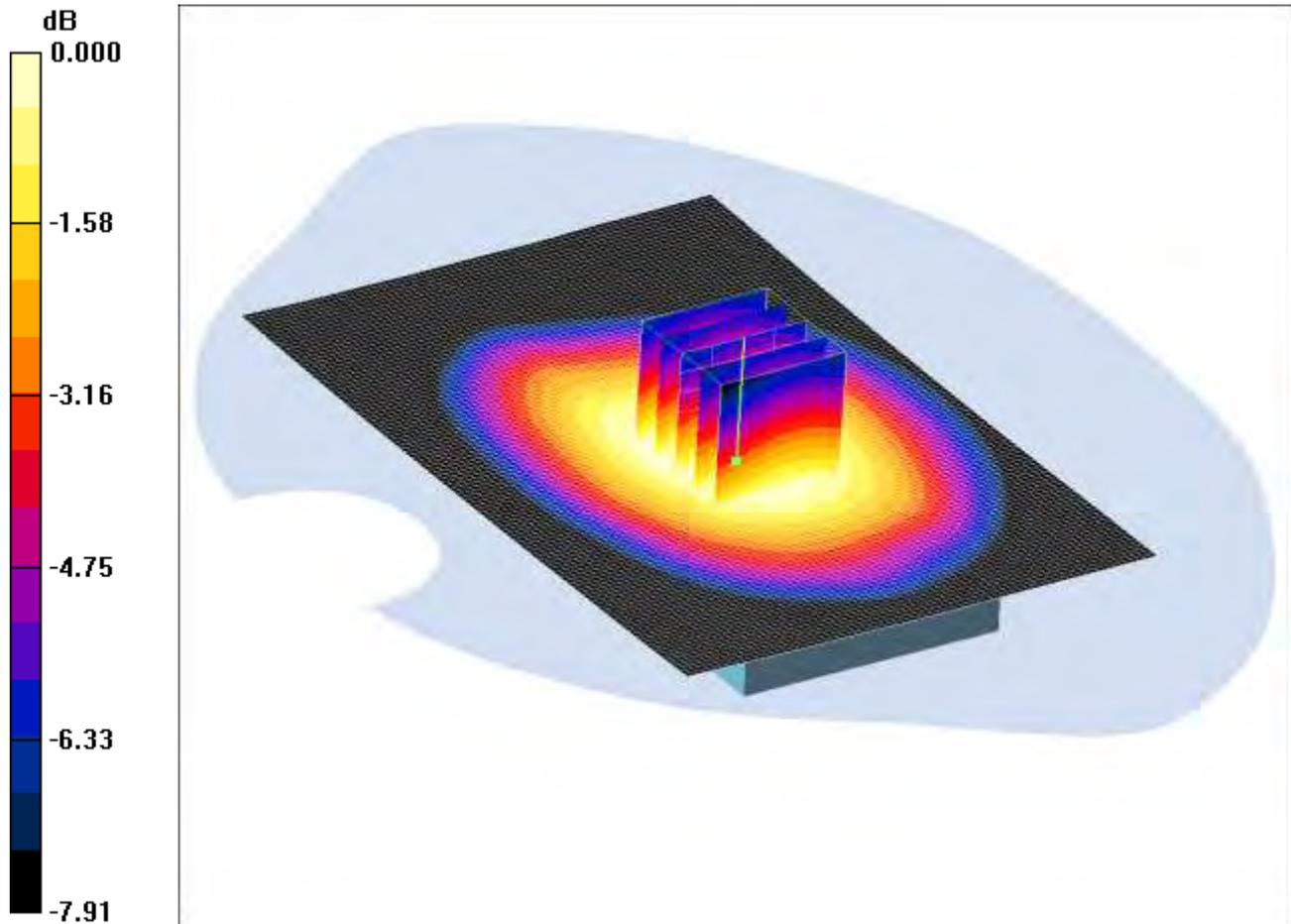
SAR(1 g) = 0.779 mW/g; SAR(10 g) = 0.605 mW/g

Maximum value of SAR (measured) = 0.860 mW/g

SCN/89439JD02/057: Front of EUT Facing Phantom at 15mm UMTS FDD 5 CH4132

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.931mW/g

Communication System: UMTS-FDD 5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Front of EUT Facing Phantom at 15mm - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.958 mW/g

Front of EUT Facing Phantom at 15mm - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.7 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 1.02 W/kg

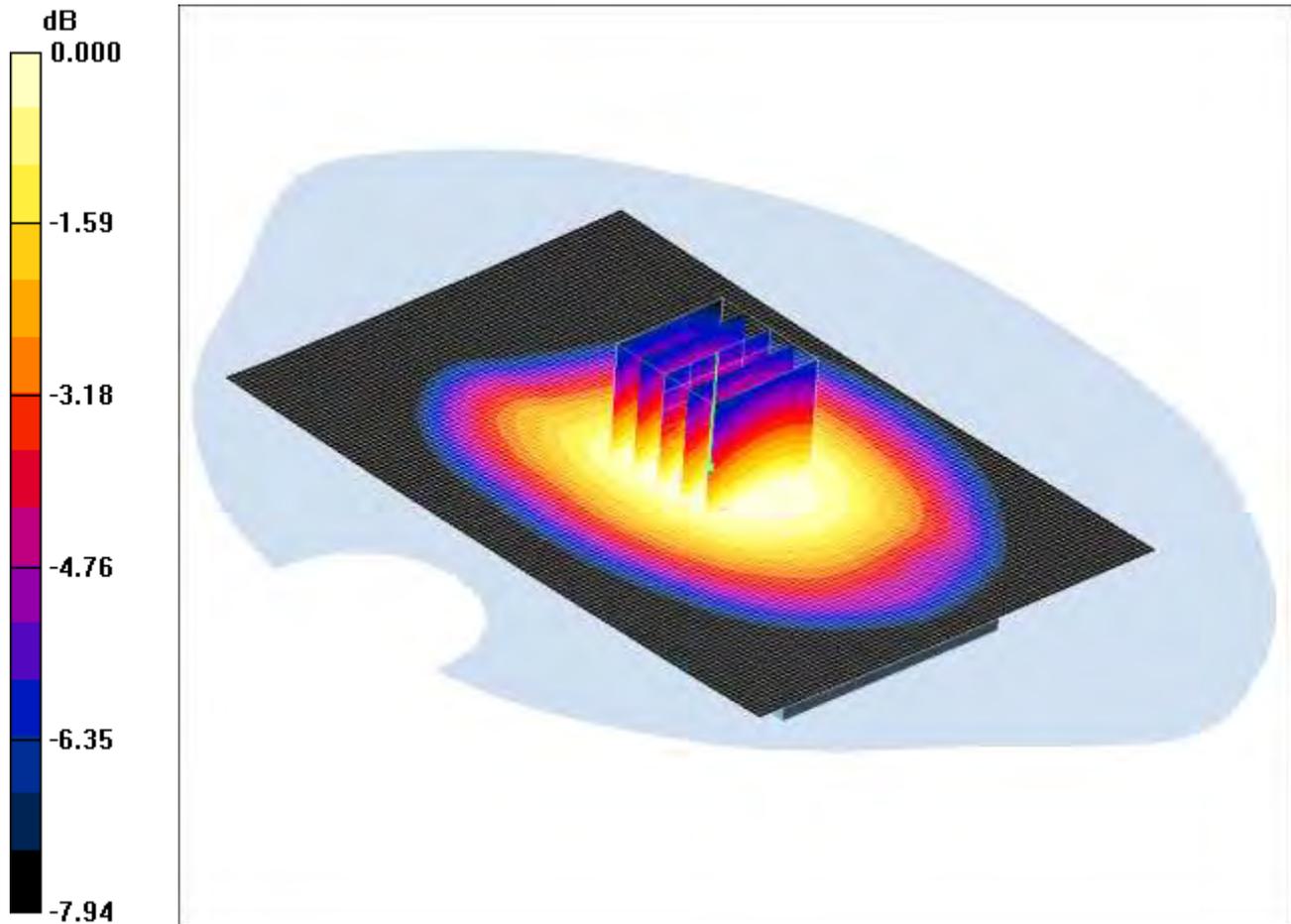
SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.656 mW/g

Maximum value of SAR (measured) = 0.931 mW/g

SCN/89439JD02/058: Front of EUT Facing Phantom at 15mm UMTS FDD 5 CH4233

Date: 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.804mW/g

Communication System: UMTS-FDD 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Front of EUT Facing Phantom at 15mm -High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.837 mW/g

Front of EUT Facing Phantom at 15mm -High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.5 V/m; Power Drift = -0.049 dB

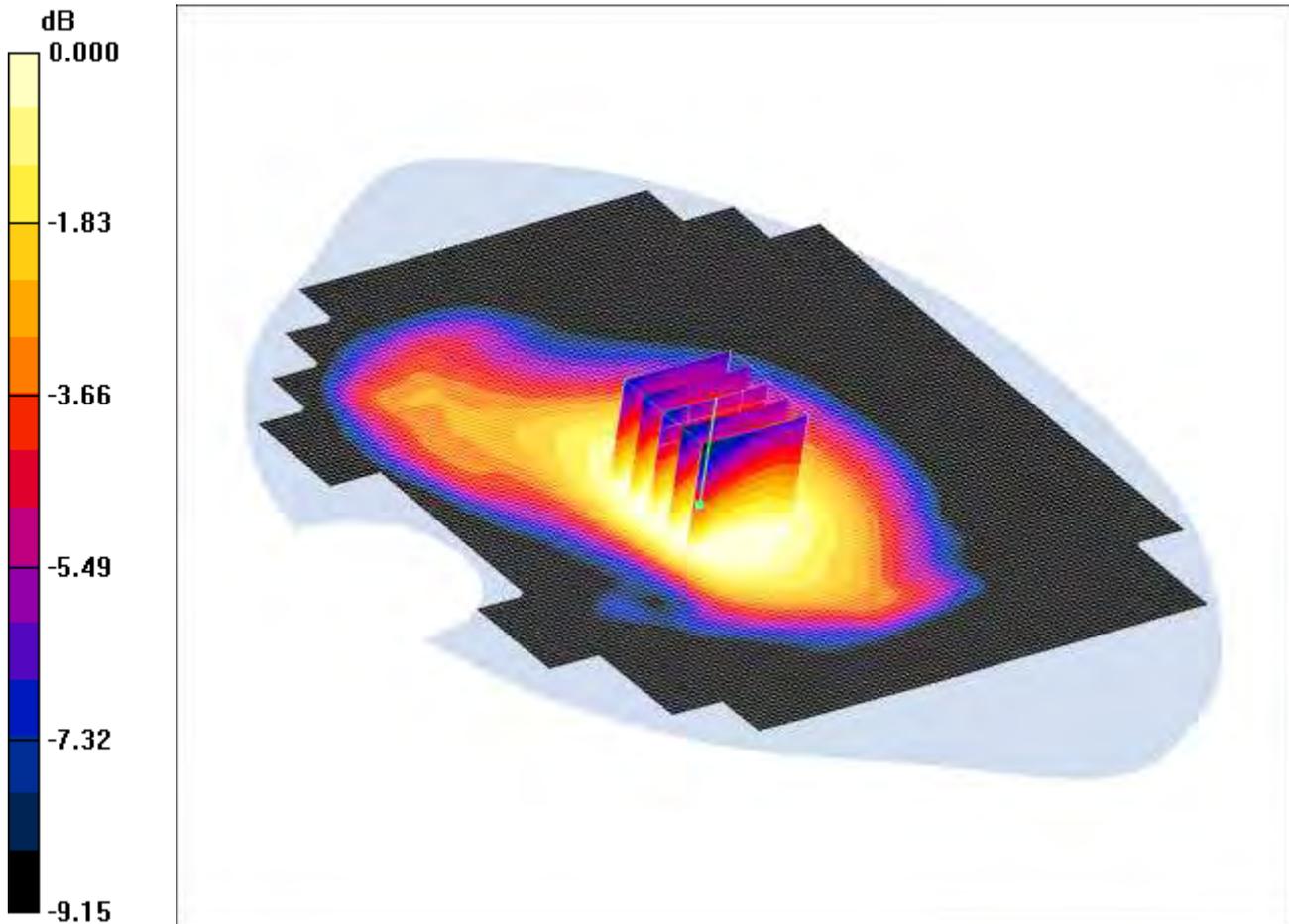
Peak SAR (extrapolated) = 0.888 W/kg

SAR(1 g) = 0.725 mW/g; SAR(10 g) = 0.562 mW/g

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

SCN/89439JD02/059: Front of EUT Facing Phantom with PHF at 15mm UMTS FDD 5 CH4132
Date 11/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.782mW/g

Communication System: UMTS-FDD 5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Front of EUT Facing Phantom with PHF at 15mm - Low/Area Scan (121x141x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.821 mW/g

Front of EUT Facing Phantom with PHF at 15mm - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement

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

Reference Value = 27.7 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.850 W/kg

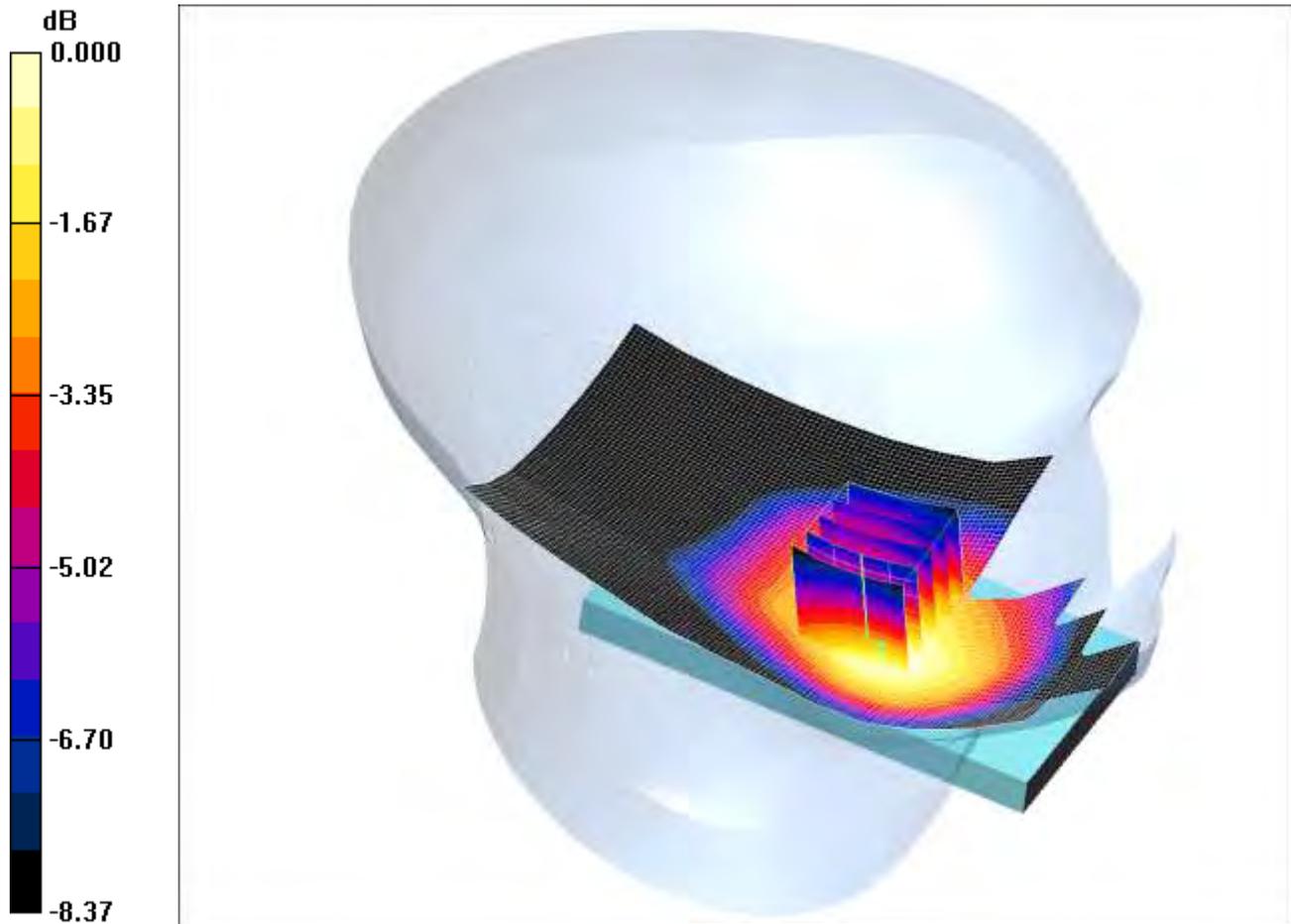
SAR(1 g) = 0.712 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 0.782 mW/g

SCN/89439JD02/060: Touch Left LTE Band 5 10 MHz BW 50% RB QPSK CH20525

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.552mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 6.95 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.620 W/kg

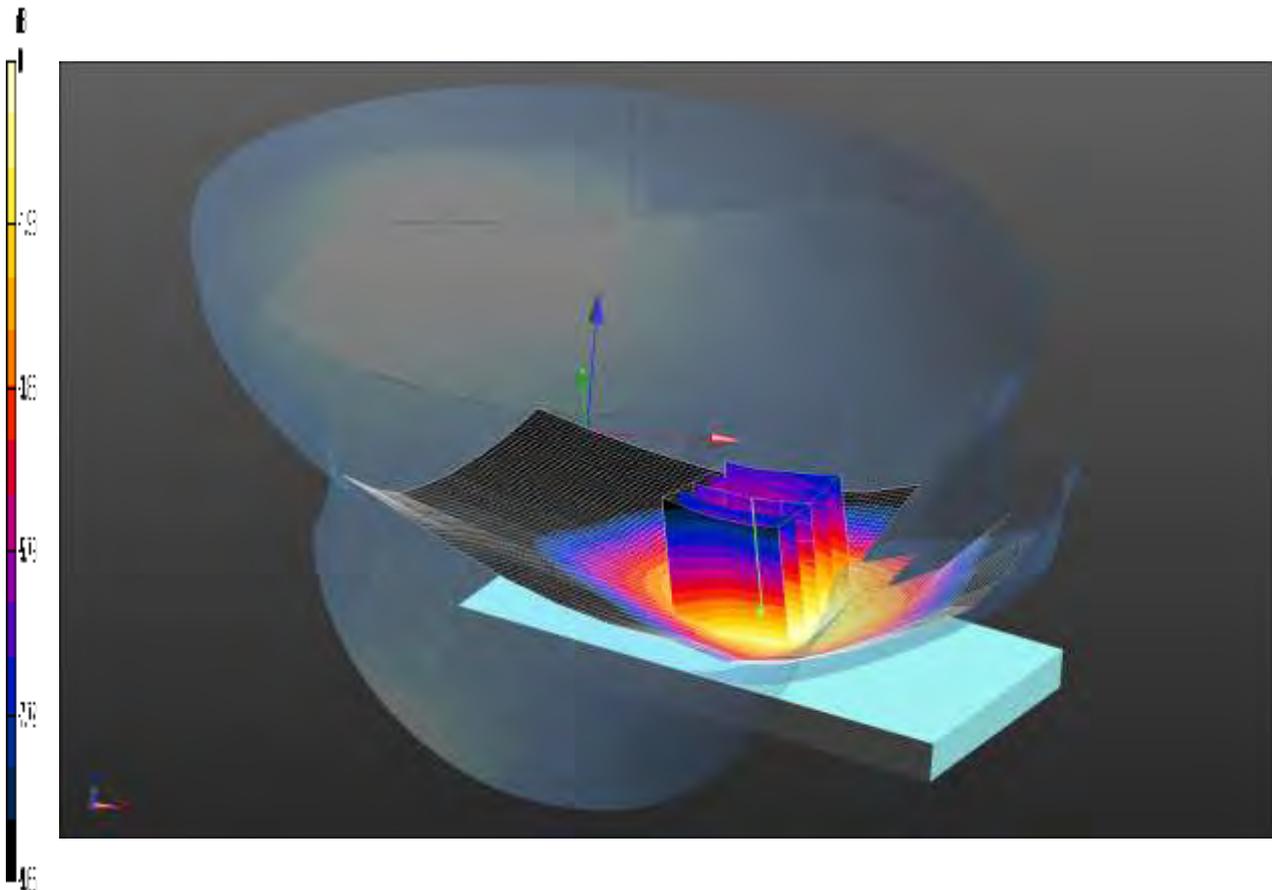
SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.373 mW/g

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

SCN/89439JD02/061: Touch Left LTE Band 5 10MHz BW 1RB Low End QPSK CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.863 W/kg = -0.64 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.888 W/kg

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

Reference Value = 9.520 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.09 W/kg

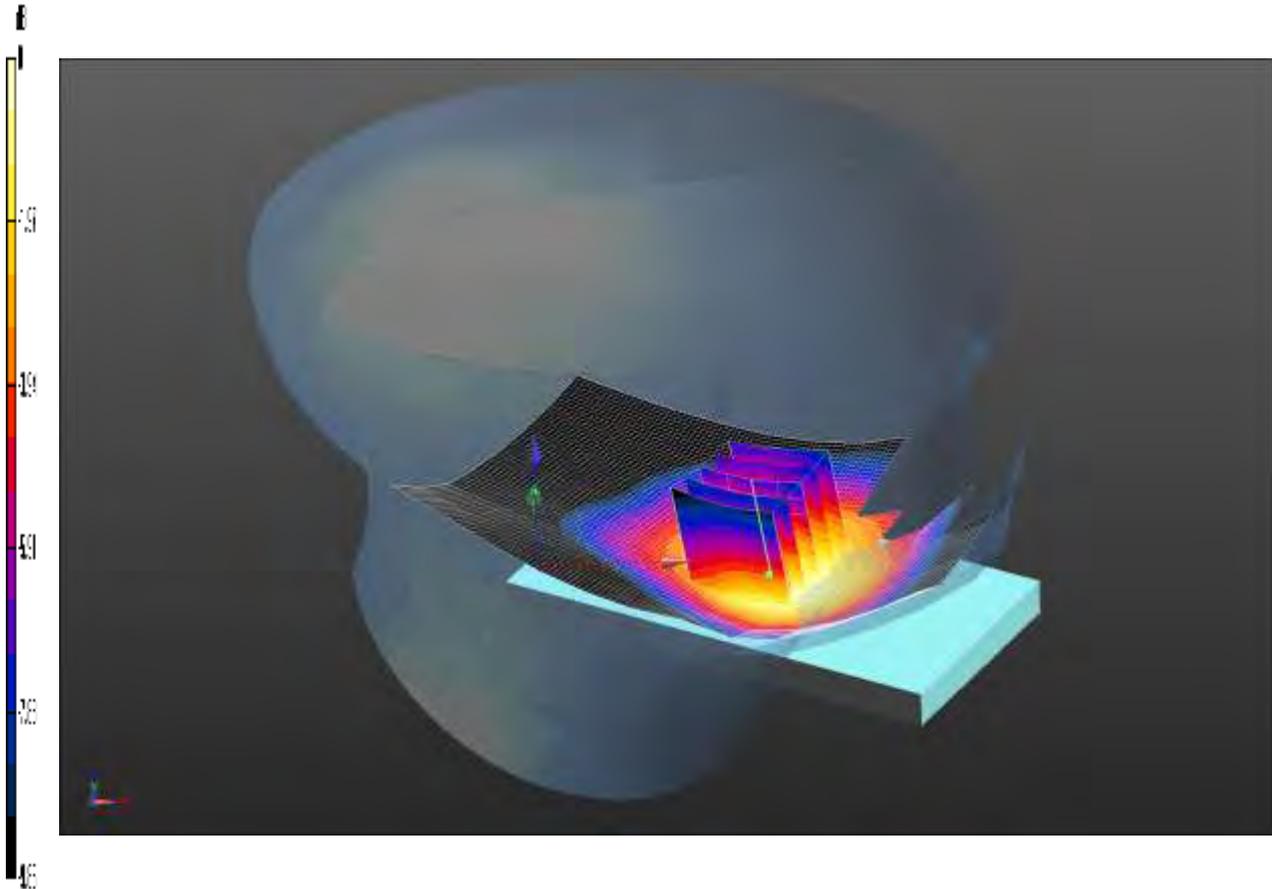
SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.604 W/kg

Maximum value of SAR (measured) = 0.863 W/kg

SCN/89439JD02/062: Touch Left LTE Band 5 10MHz BW 1RB High End QPSK CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.917 W/kg = -0.38 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.928 W/kg

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

Reference Value = 9.658 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.18 W/kg

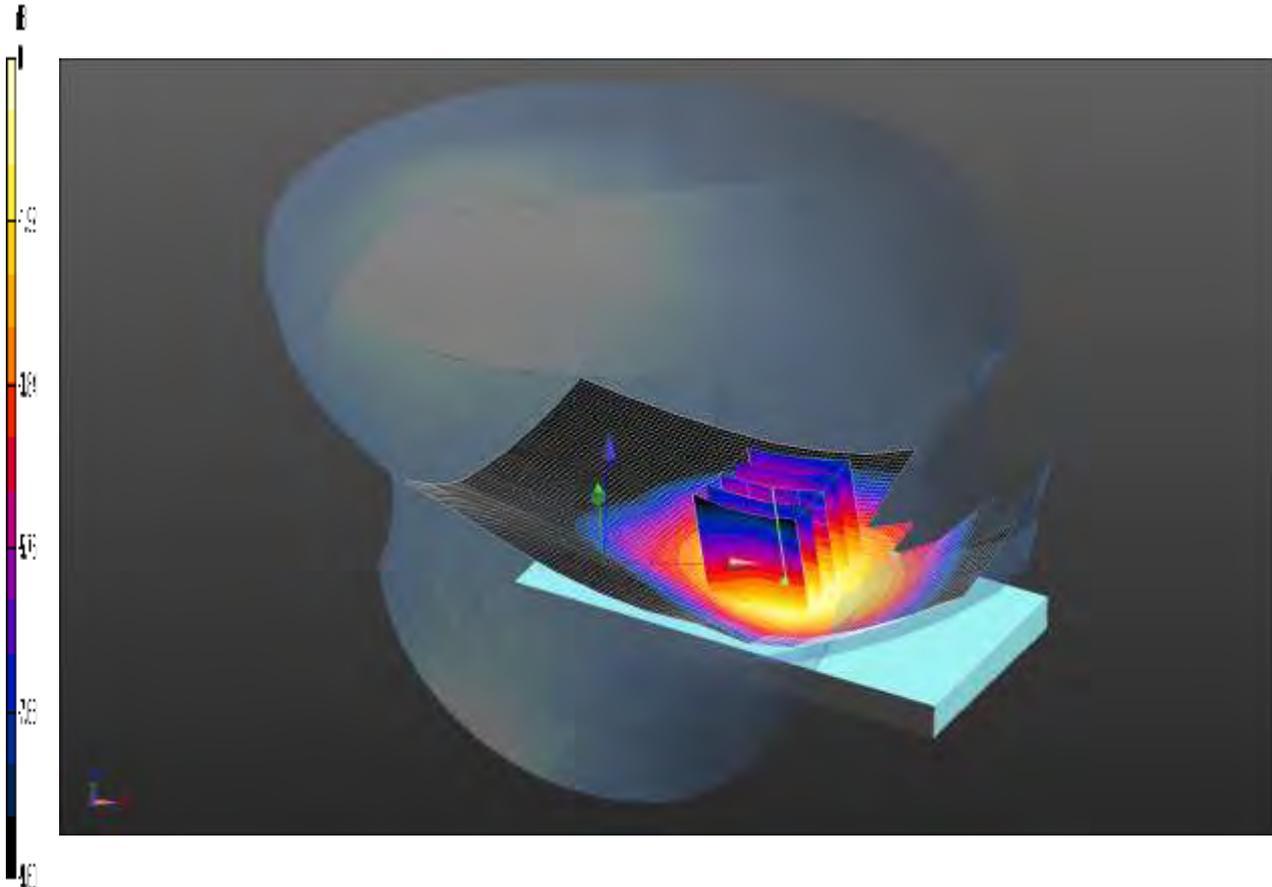
SAR(1 g) = 0.863 W/kg; SAR(10 g) = 0.621 W/kg

Maximum value of SAR (measured) = 0.917 W/kg

SCN/89439JD02/063: Touch Left LTE Band 5 10MHz BW 50% RB 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.511 W/kg = -2.92 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.509 W/kg

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

Reference Value = 7.222 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.642 W/kg

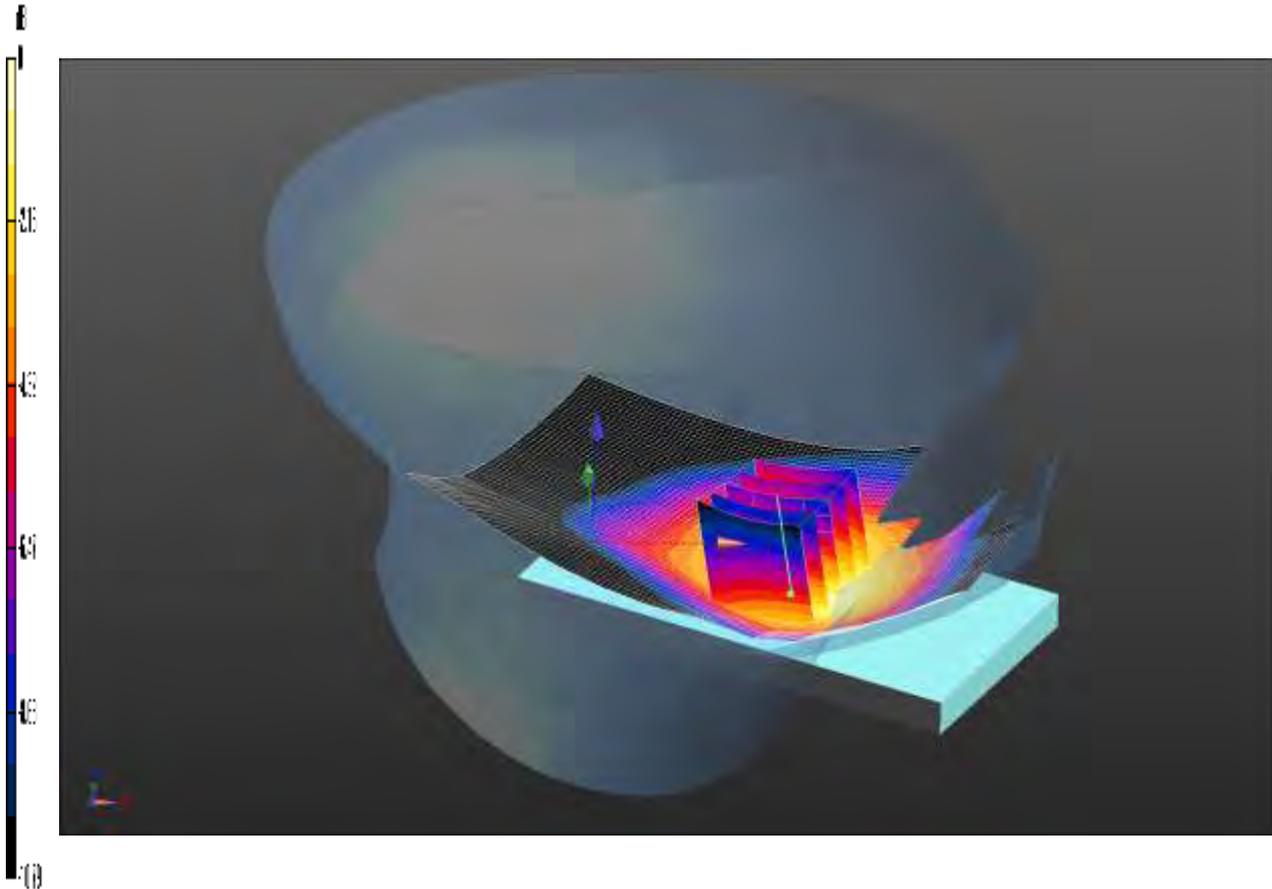
SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.353 W/kg

Maximum value of SAR (measured) = 0.511 W/kg

SCN/89439JD02/064: Touch Left LTE Band 5 10MHz BW 1RB Low End 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.662 W/kg = -1.79 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.662 W/kg

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

Reference Value = 8.552 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.856 W/kg

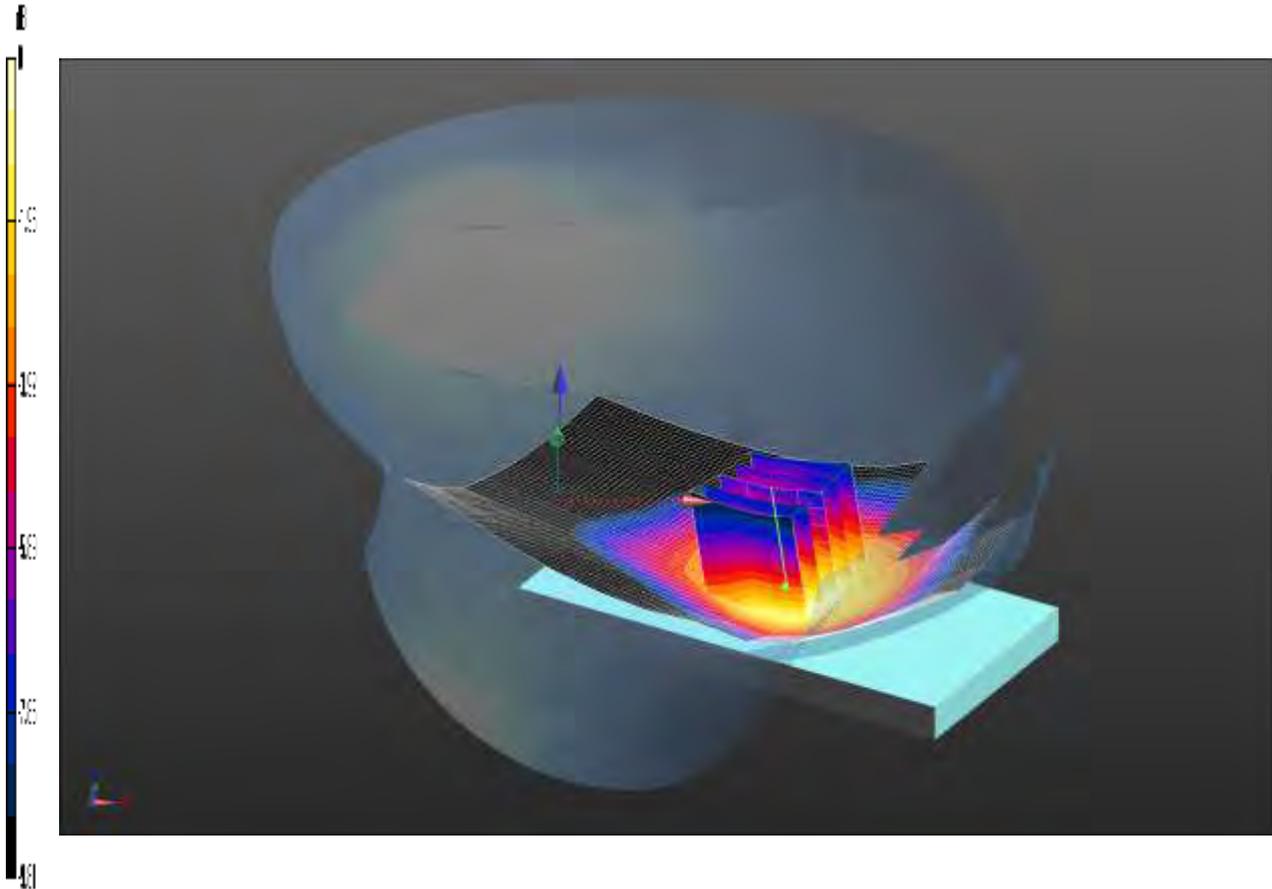
SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.453 W/kg

Maximum value of SAR (measured) = 0.662 W/kg

SCN/89439JD02/065: Touch Left LTE Band 5 10MHz BW 1RB High End 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.708 W/kg = -1.50 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.676 W/kg

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

Reference Value = 8.837 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.878 W/kg

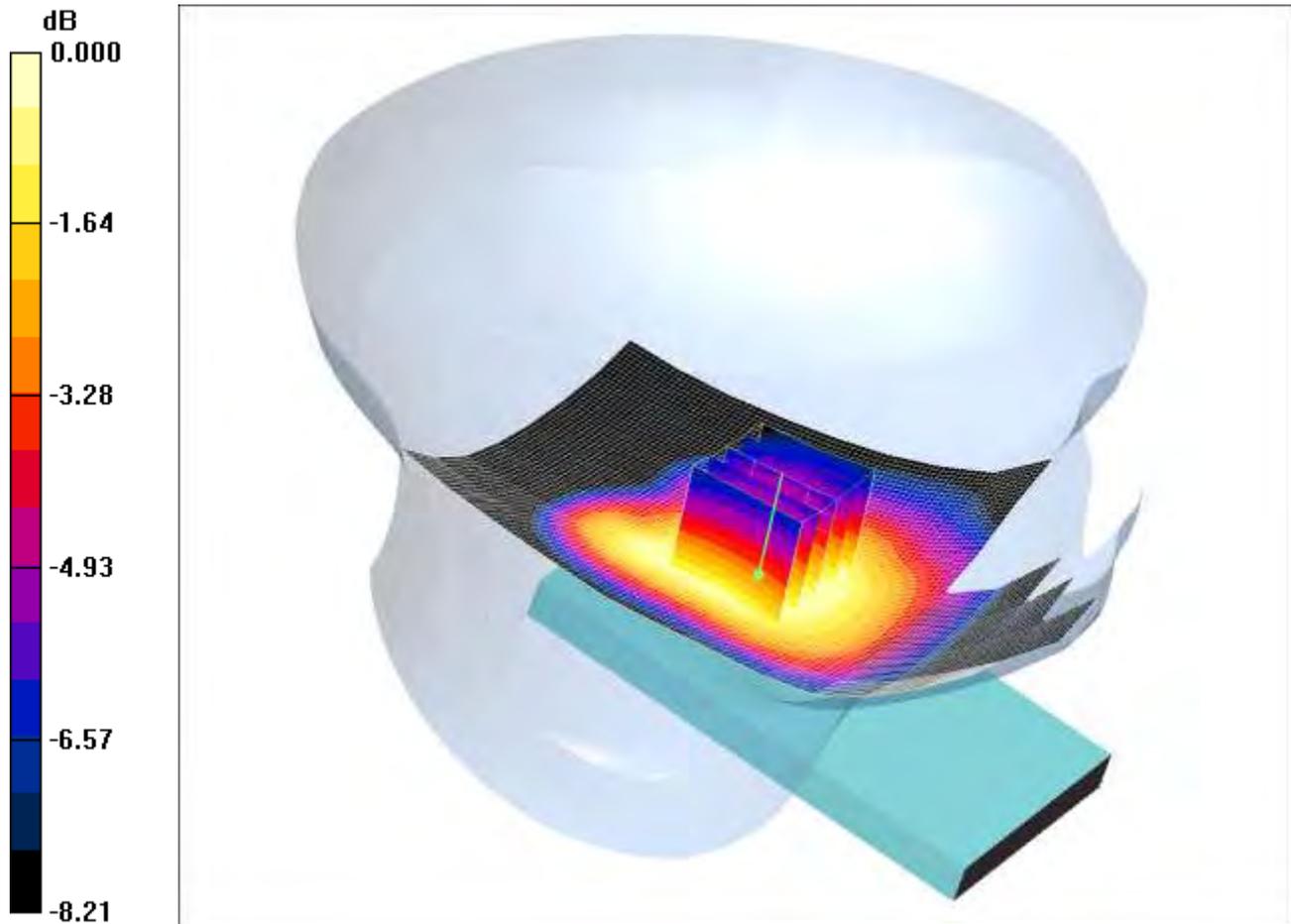
SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.472 W/kg

Maximum value of SAR (measured) = 0.708 W/kg

SCN/89439JD02/066: Tilt Left LTE Band 5 10 MHz BW 50% RB QPSK CH20525

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.310mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.315 mW/g

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

Reference Value = 11.5 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.346 W/kg

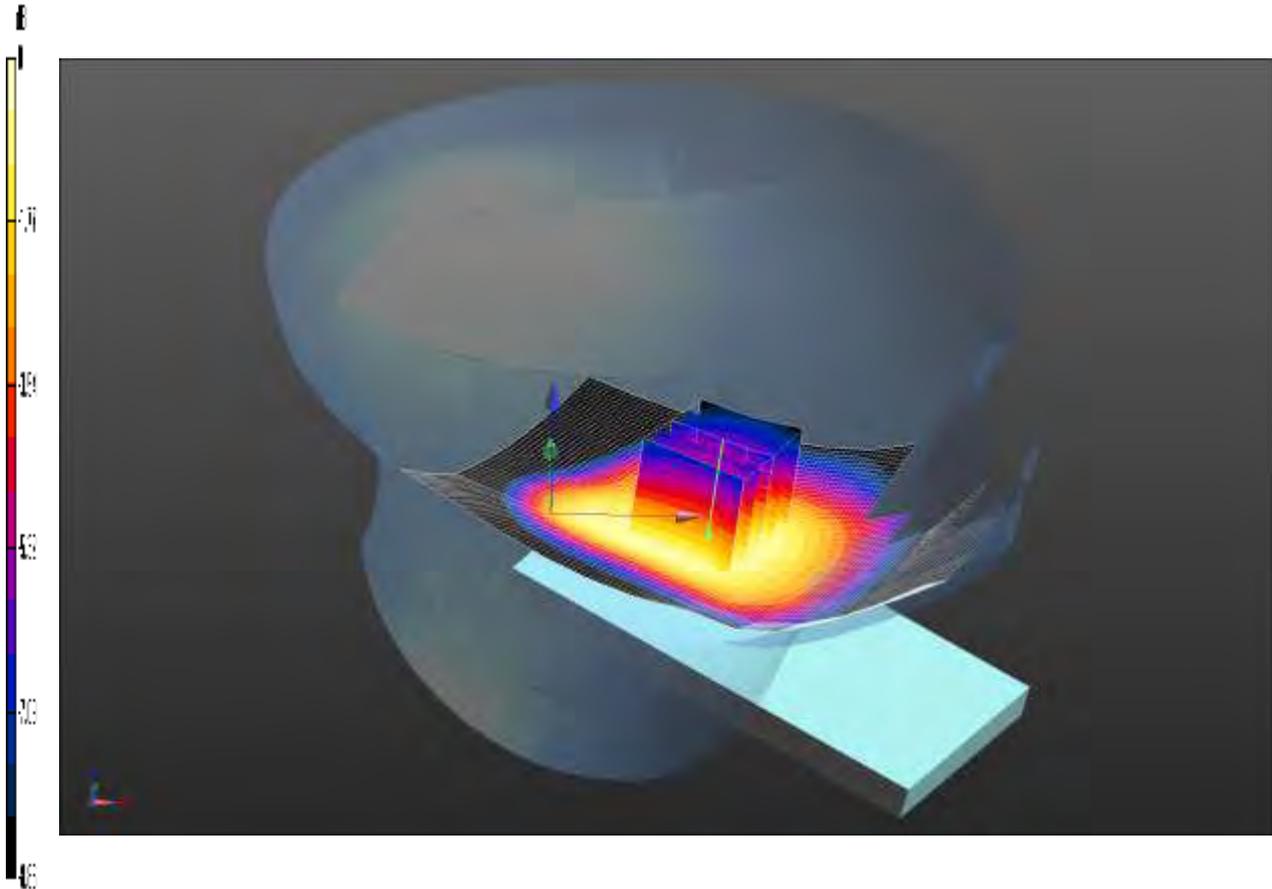
SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 0.310 mW/g

SCN/89439JD02/067: Tilt Left LTE Band 5 10MHz BW 1RB Low End QPSK CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.513 W/kg = -2.90 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.499 W/kg

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

Reference Value = 17.412 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.610 W/kg

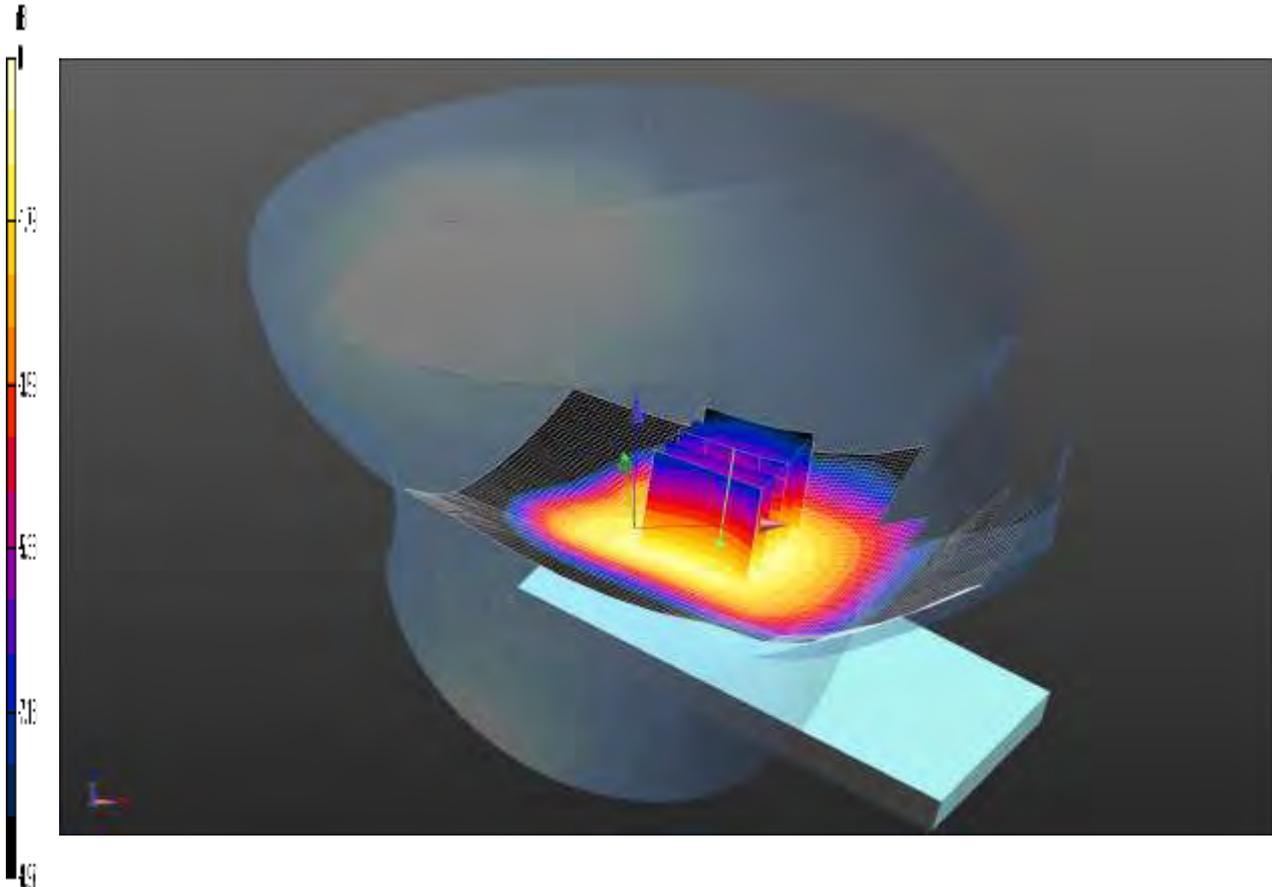
SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.371 W/kg

Maximum value of SAR (measured) = 0.513 W/kg

SCN/89439JD02/068: Tilt Left LTE Band 5 10MHz BW 1RB High End QPSK CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.512 W/kg = -2.91 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.907 mho/m; ϵ_r = 42.821; ρ = 1000 kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.501 W/kg

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

Reference Value = 17.167 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.589 W/kg

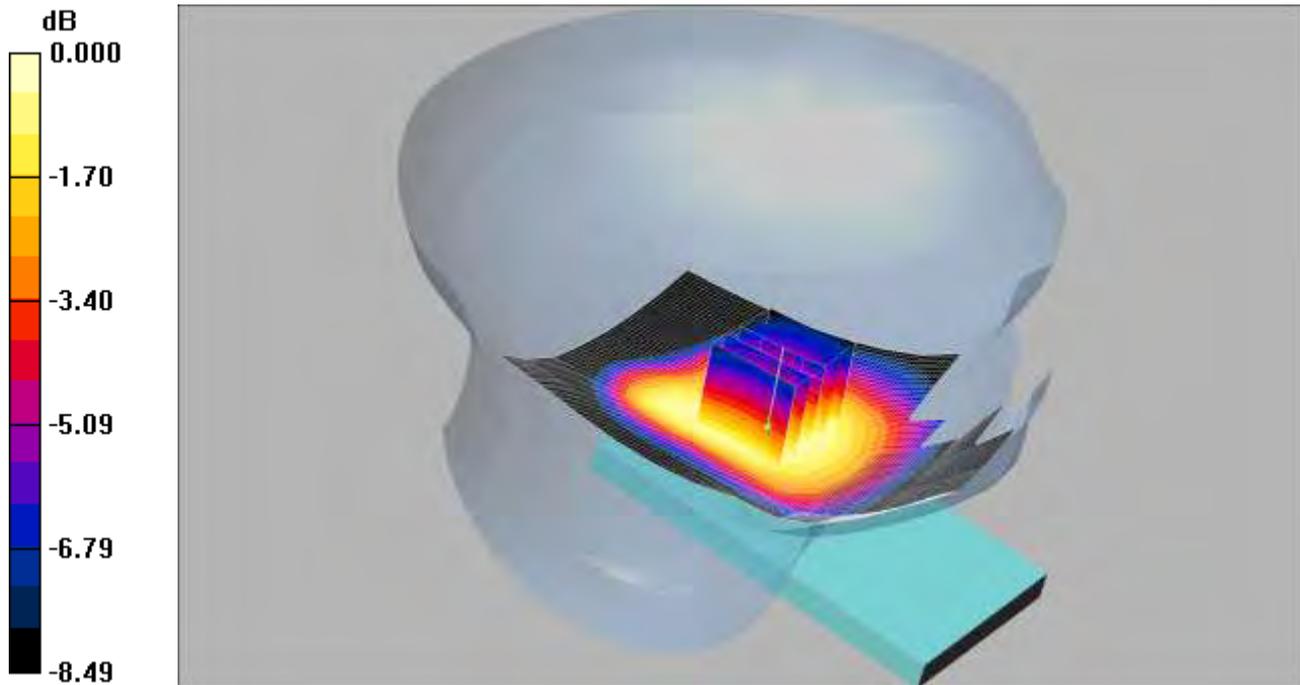
SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.363 W/kg

Maximum value of SAR (measured) = 0.512 W/kg

SCN/89439JD02/069: Tilt Left LTE Band 5 10MHz BW 50%RB 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.293mW/g

Communication System: **Not Specified**; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 13.1 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 0.339 W/kg

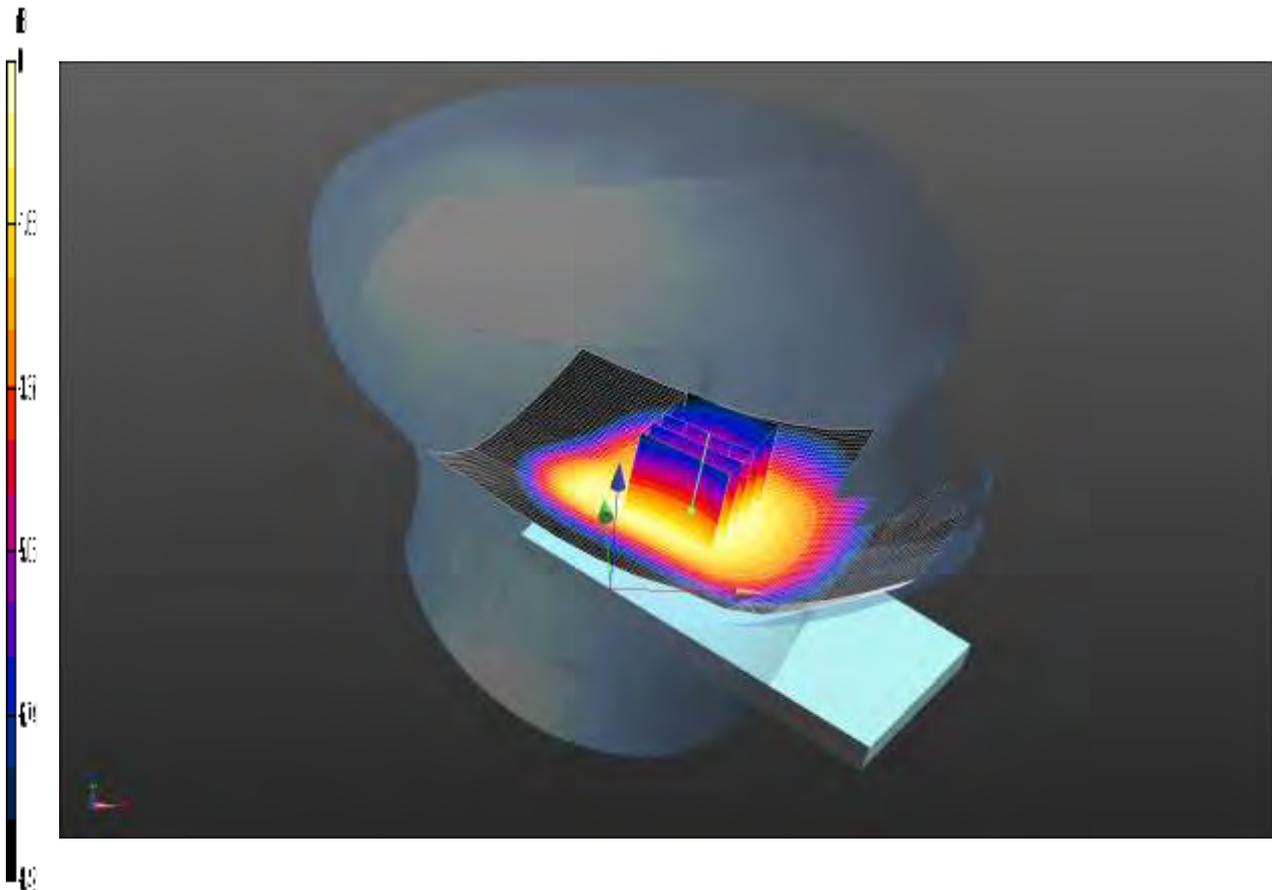
SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.211 mW/g

Maximum value of SAR (measured) = 0.293 mW/g

SCN/89439JD02/070: Tilt Left LTE Band 5 10MHz BW 1RB Low End 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.398 W/kg = -4.00 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.396 W/kg

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

Reference Value = 15.457 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.448 W/kg

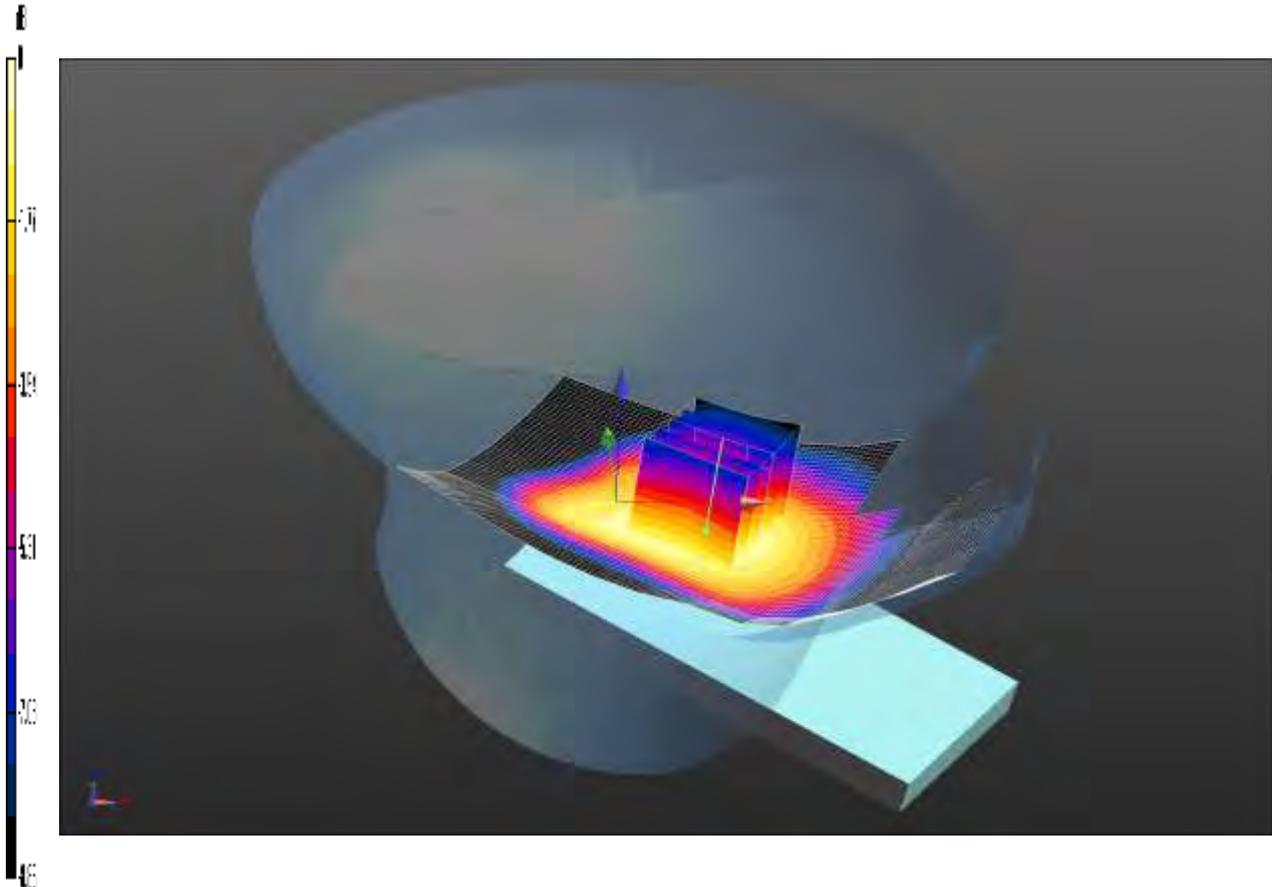
SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.398 W/kg

SCN/89439JD02/071: Tilt Left LTE Band 5 10MHz BW 1RB High End 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.395 W/kg = -4.03 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.390 W/kg

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

Reference Value = 14.938 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.461 W/kg

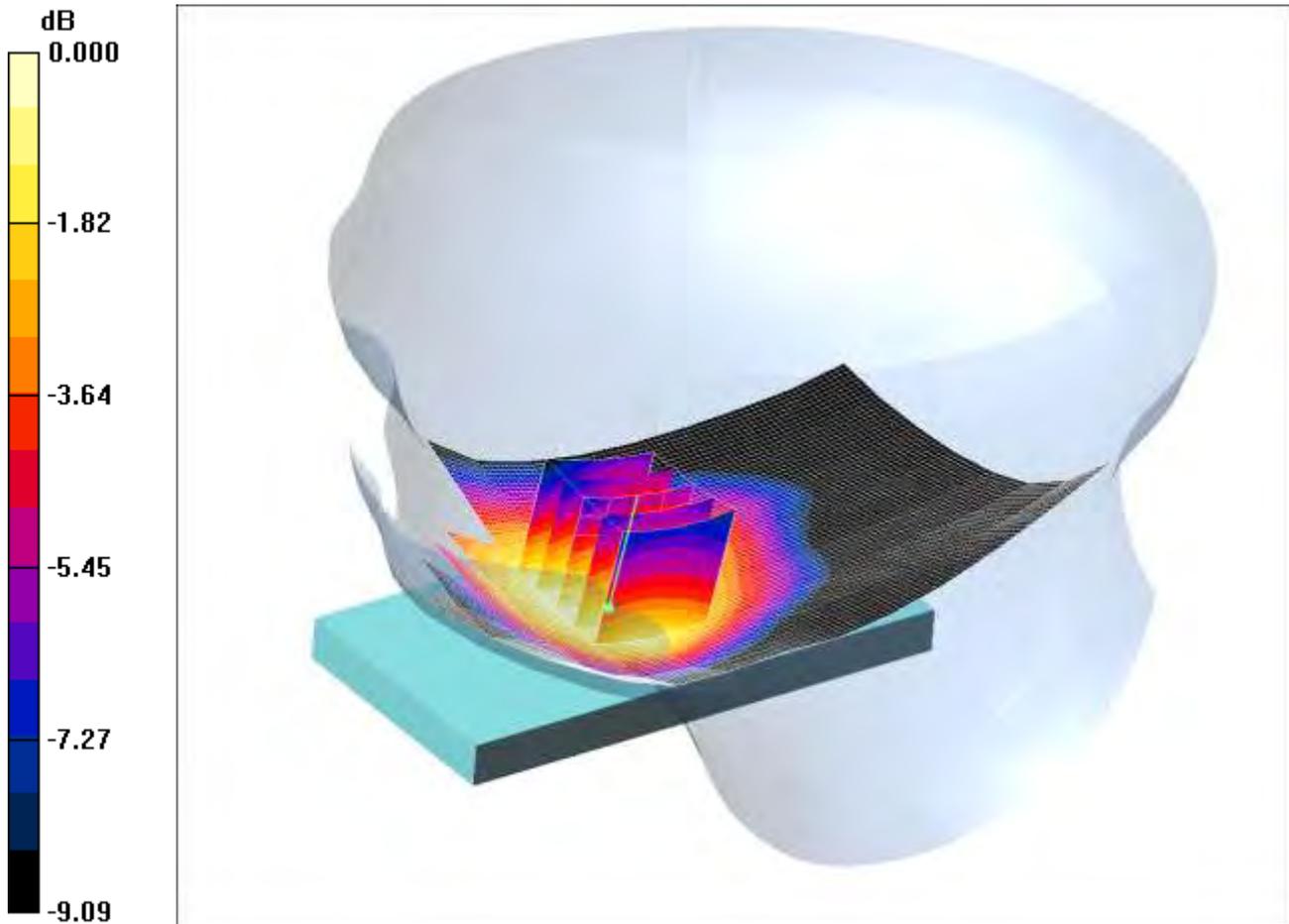
SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (measured) = 0.395 W/kg

SCN/89439JD02/072: Touch Right LTE Band 5 10 MHz BW 50% RB QPSK CH20525

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.543mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.555 mW/g

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

Reference Value = 7.79 V/m; Power Drift = 0.013 dB

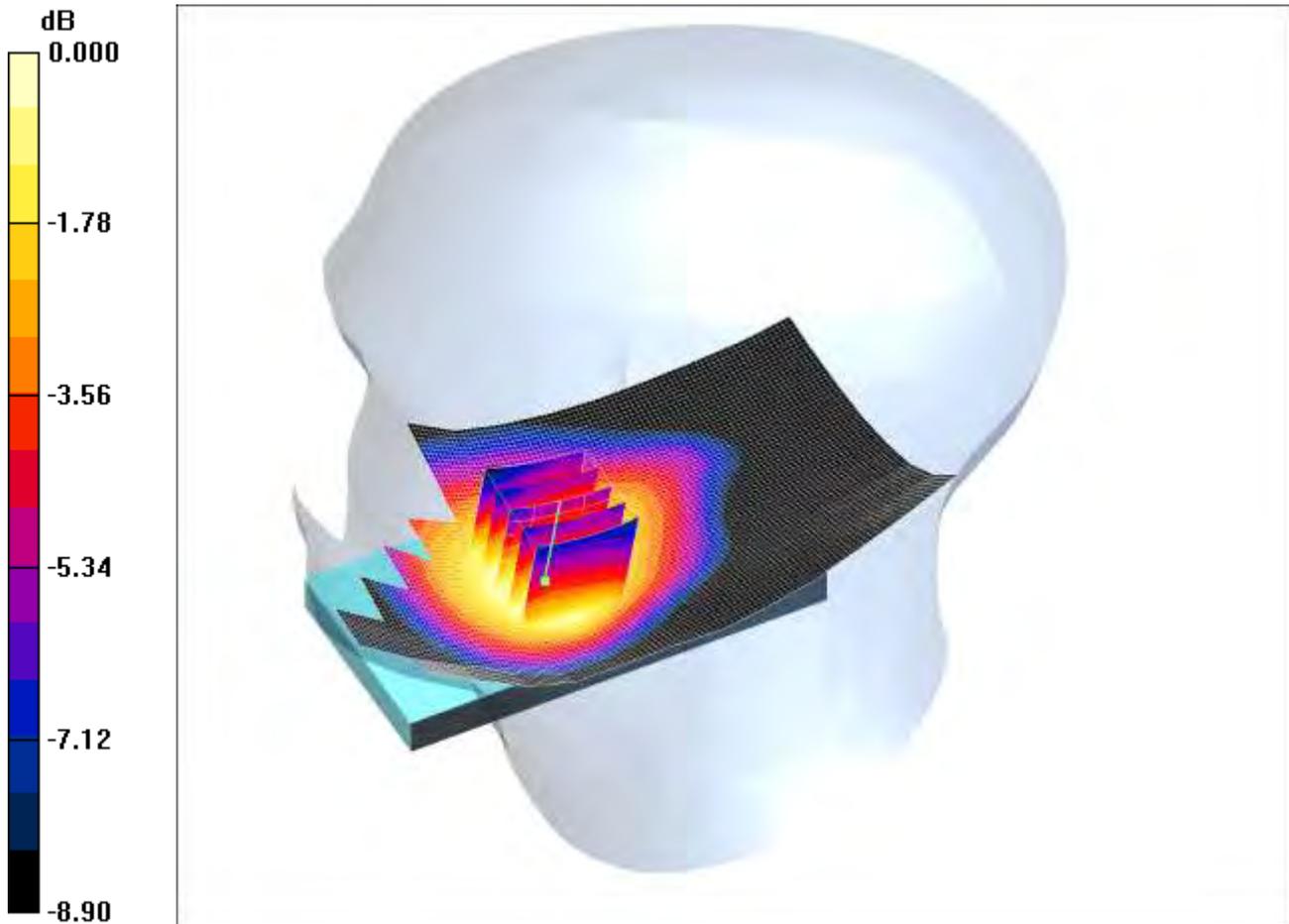
Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.381 mW/g

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

SCN/89439JD02/073: Touch Right LTE Band 5 10 MHz BW 1 RB Low End QPSK CH20525
Date 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.777mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Right - Middle 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.807 mW/g

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

Reference Value = 9.89 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.858 W/kg

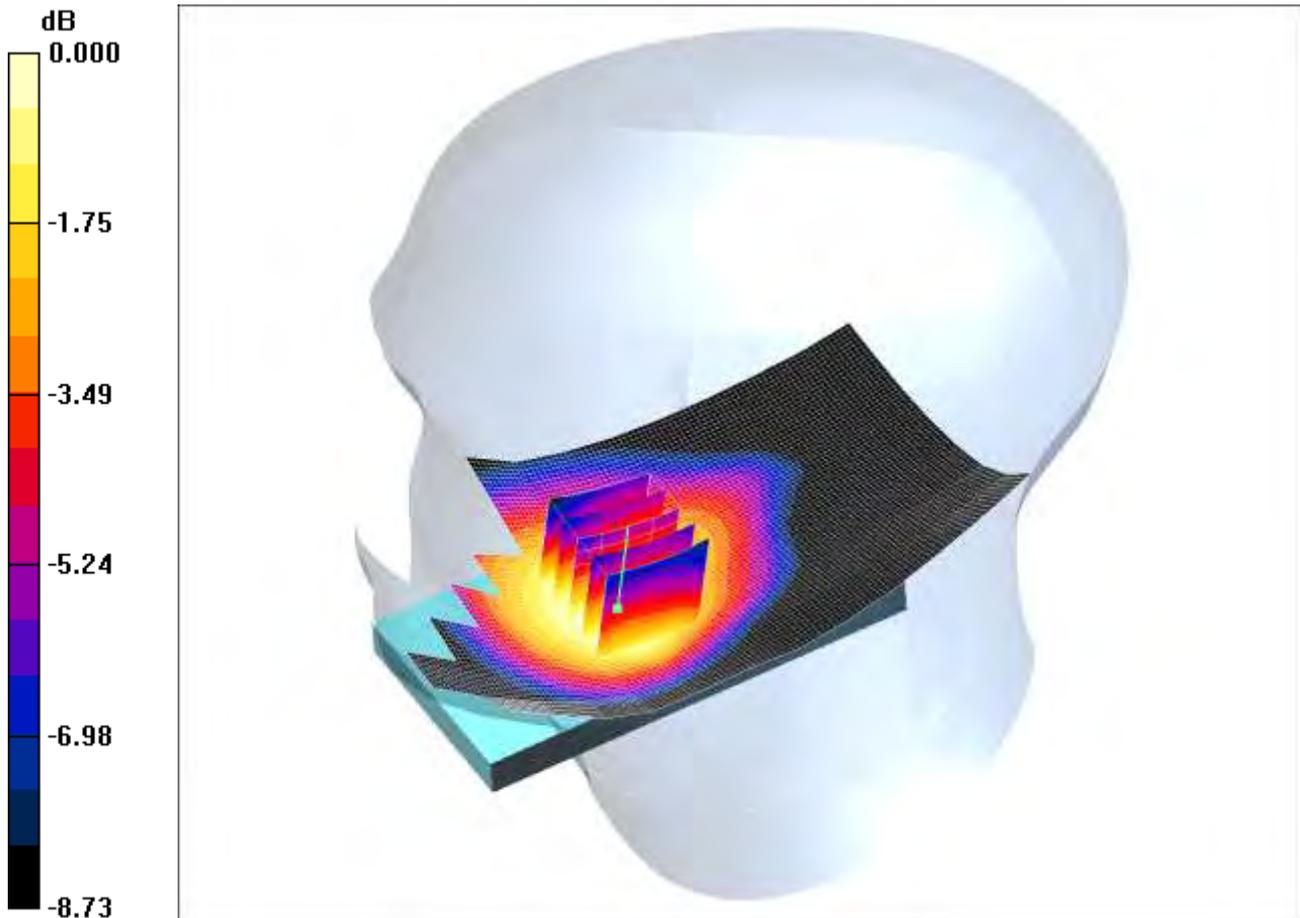
SAR(1 g) = 0.707 mW/g; SAR(10 g) = 0.544 mW/g

Maximum value of SAR (measured) = 0.777 mW/g

SCN/89439JD02/074: Touch Right LTE Band 5 10 MHz BW 1 RB High End QPSK CH20525

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.803mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Right - Middle 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.831 mW/g

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

Reference Value = 9.35 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.888 W/kg

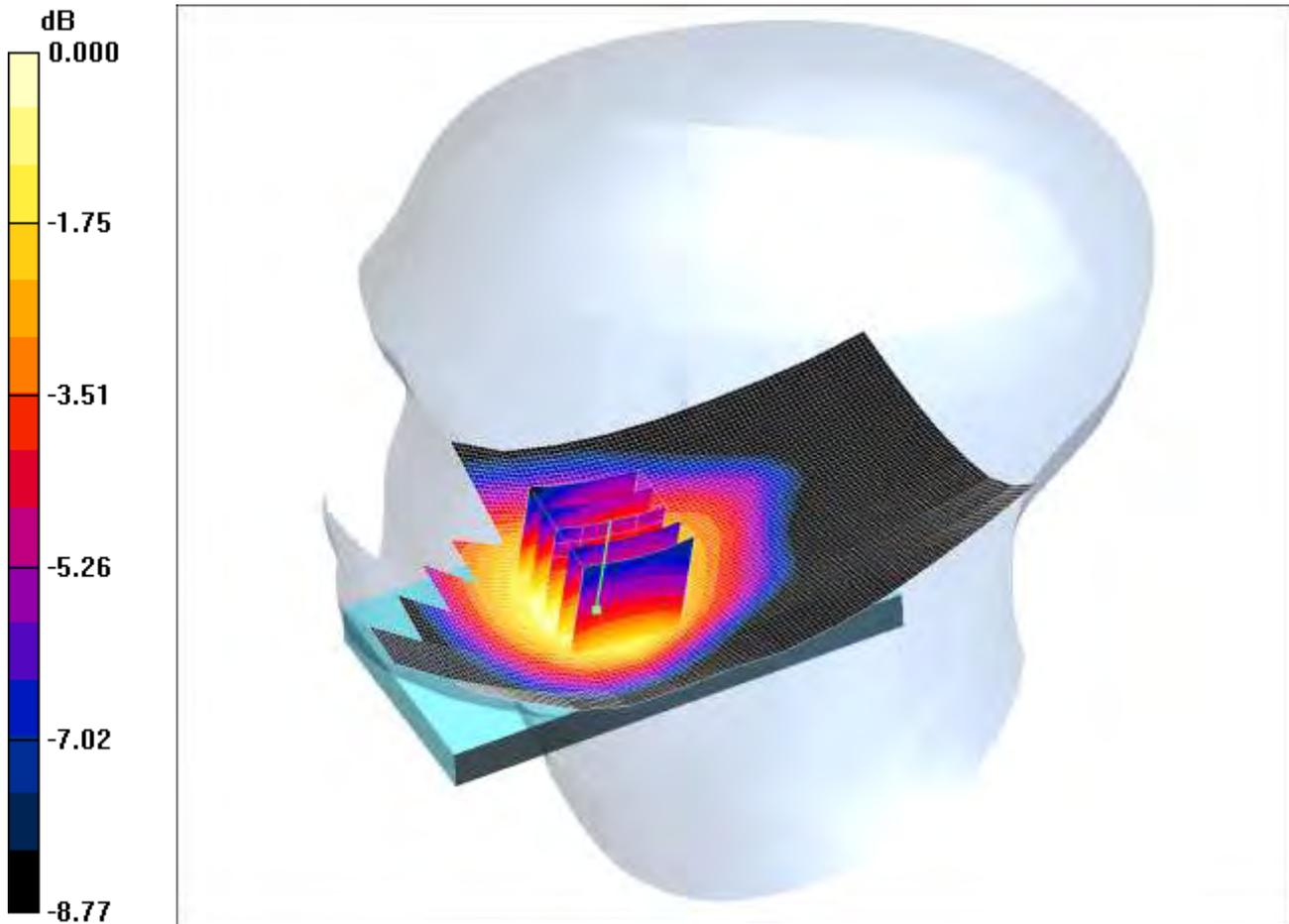
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.572 mW/g

Maximum value of SAR (measured) = 0.803 mW/g

SCN/89439JD02/075: Touch Right LTE Band 5 10 MHz BW 50% RB 16QAM CH20525

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.442mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Right - Middle 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 7.15 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.483 W/kg

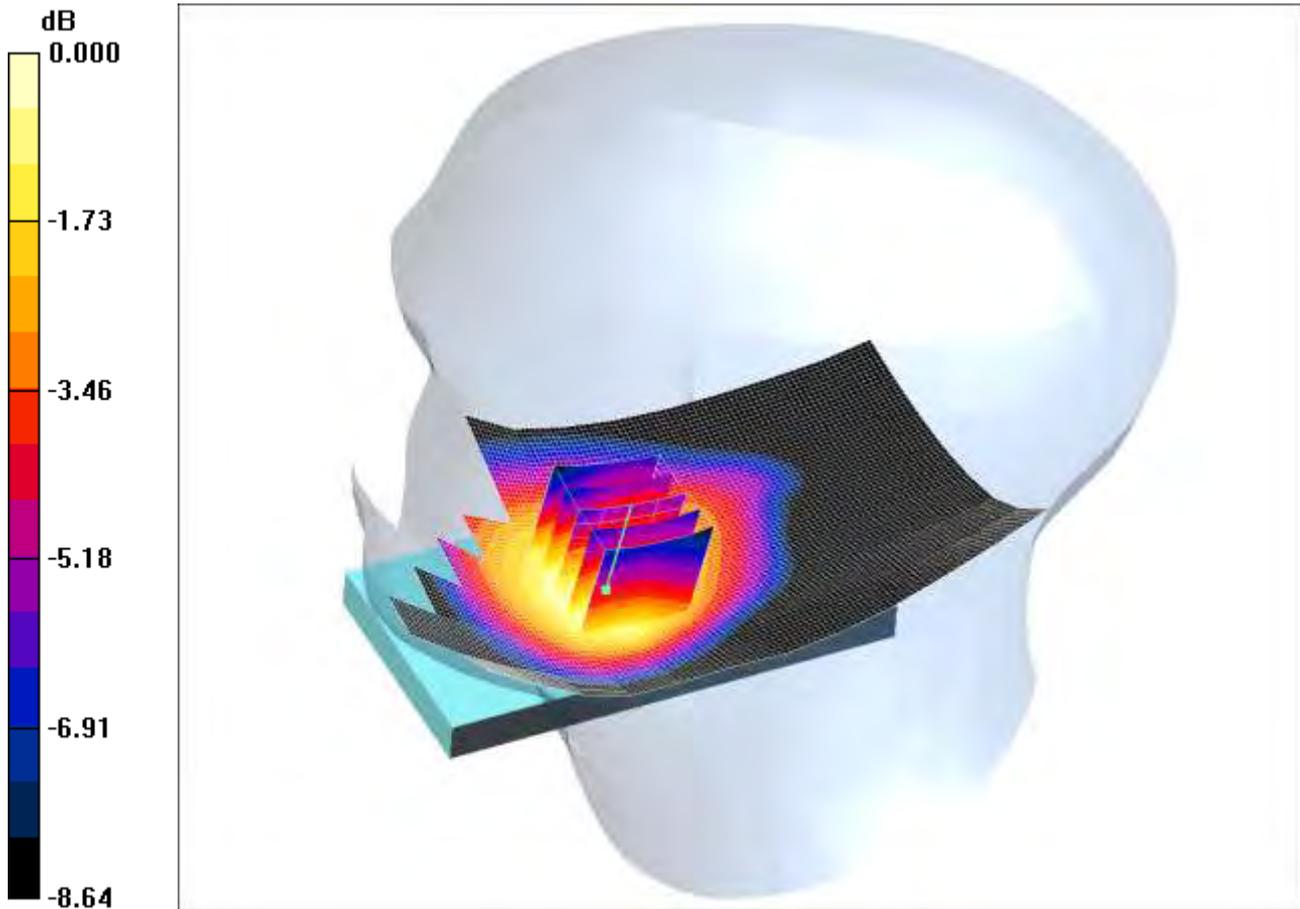
SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.442 mW/g

SCN/89439JD02/076: Touch Right LTE Band 5 10 MHz BW 1 RB Low End 16QAM CH20525

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.630mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Right - Middle 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.612 mW/g

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

Reference Value = 8.43 V/m; Power Drift = 0.107 dB

Peak SAR (extrapolated) = 0.686 W/kg

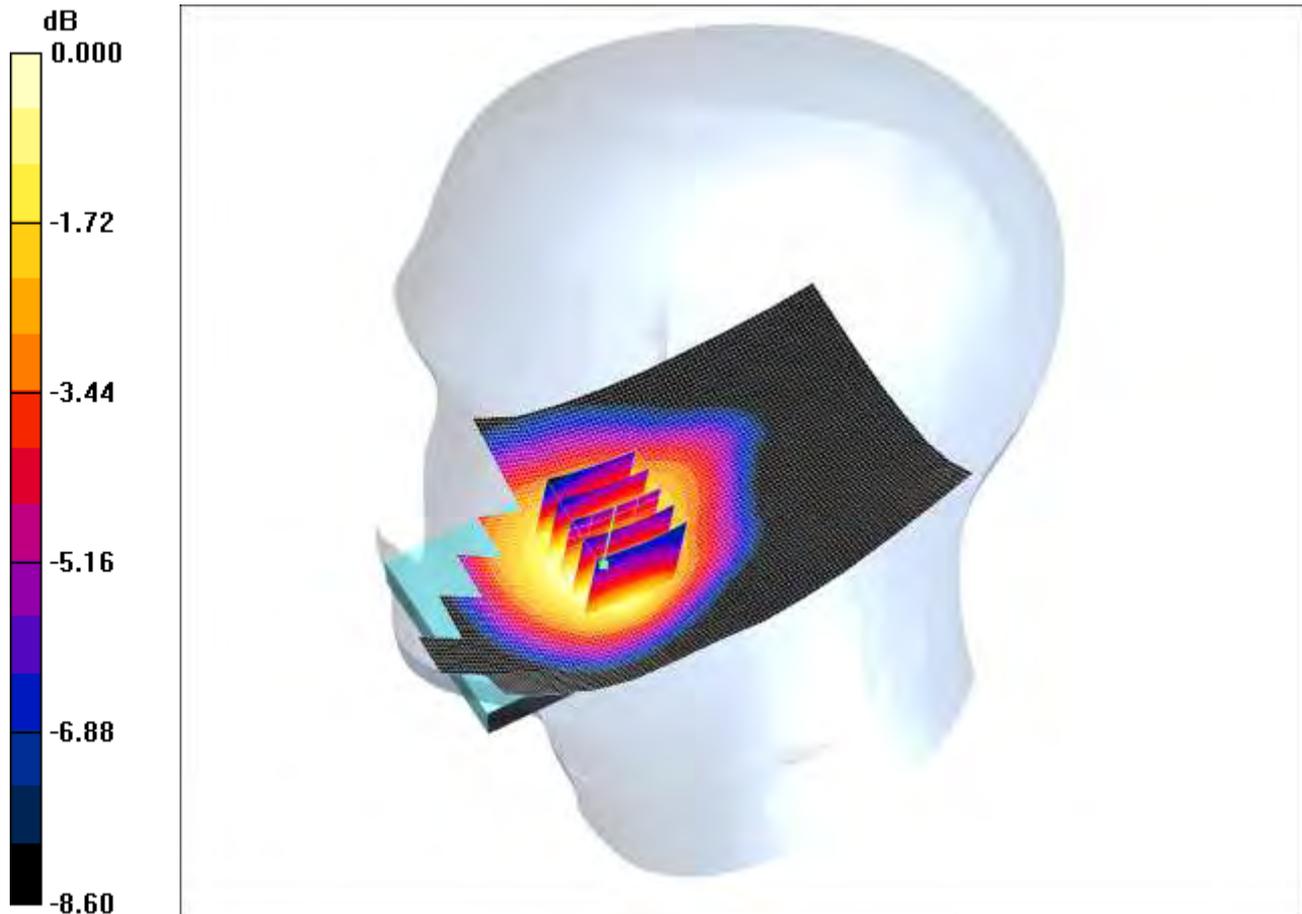
SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.439 mW/g

Maximum value of SAR (measured) = 0.630 mW/g

SCN/89439JD02/077: Touch Right LTE Band 5 10 MHz BW 1 RB High End 16QAM CH20525

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.649mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Right - Middle 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.652 mW/g

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

Reference Value = 8.39 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.705 W/kg

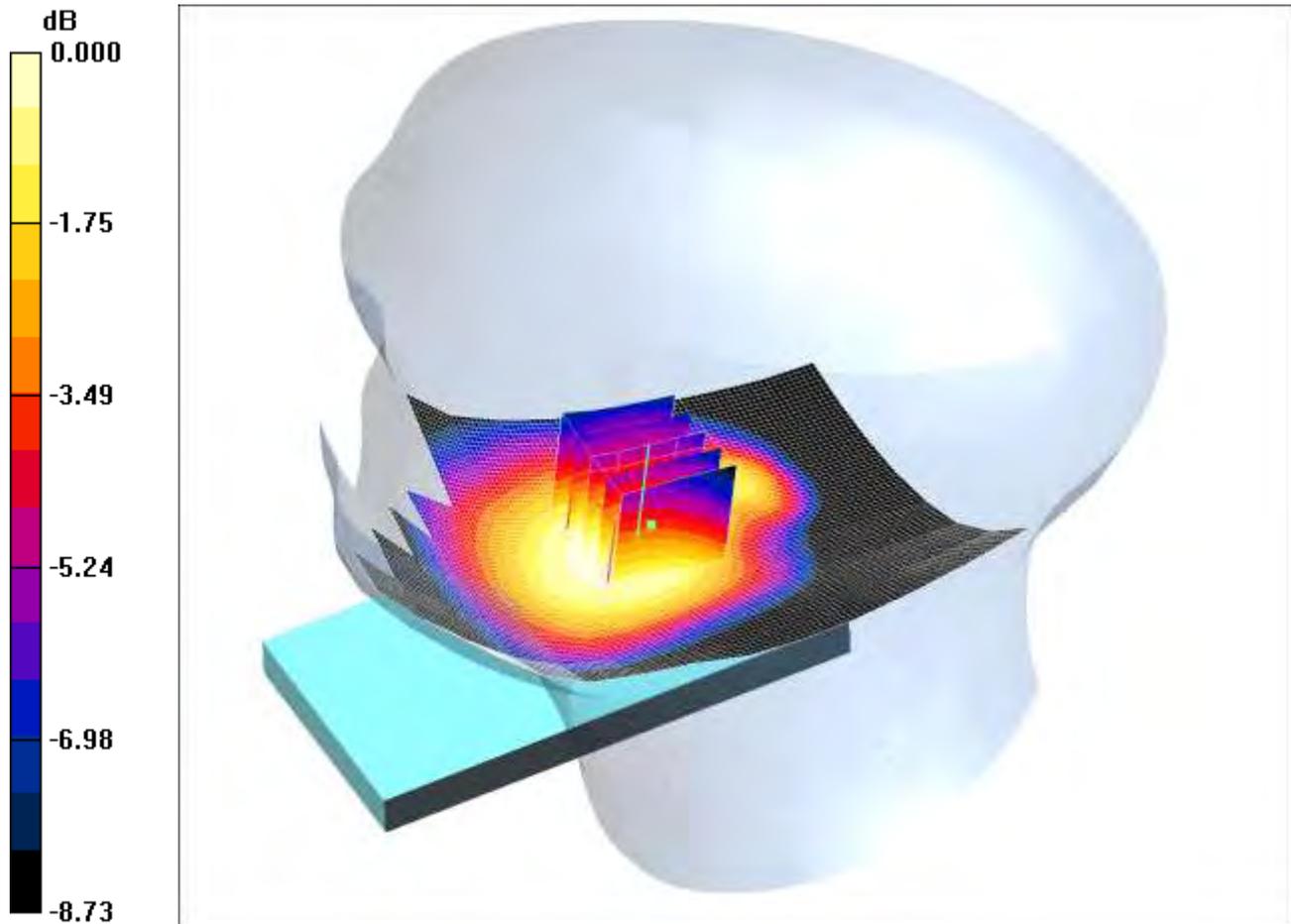
SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.458 mW/g

Maximum value of SAR (measured) = 0.649 mW/g

SCN/89439JD02/078: Tilt Right LTE Band 5 10 MHz BW 50% RB QPSK CH20525

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.371mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.379 mW/g

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

Reference Value = 11.9 V/m; Power Drift = 0.171 dB

Peak SAR (extrapolated) = 0.411 W/kg

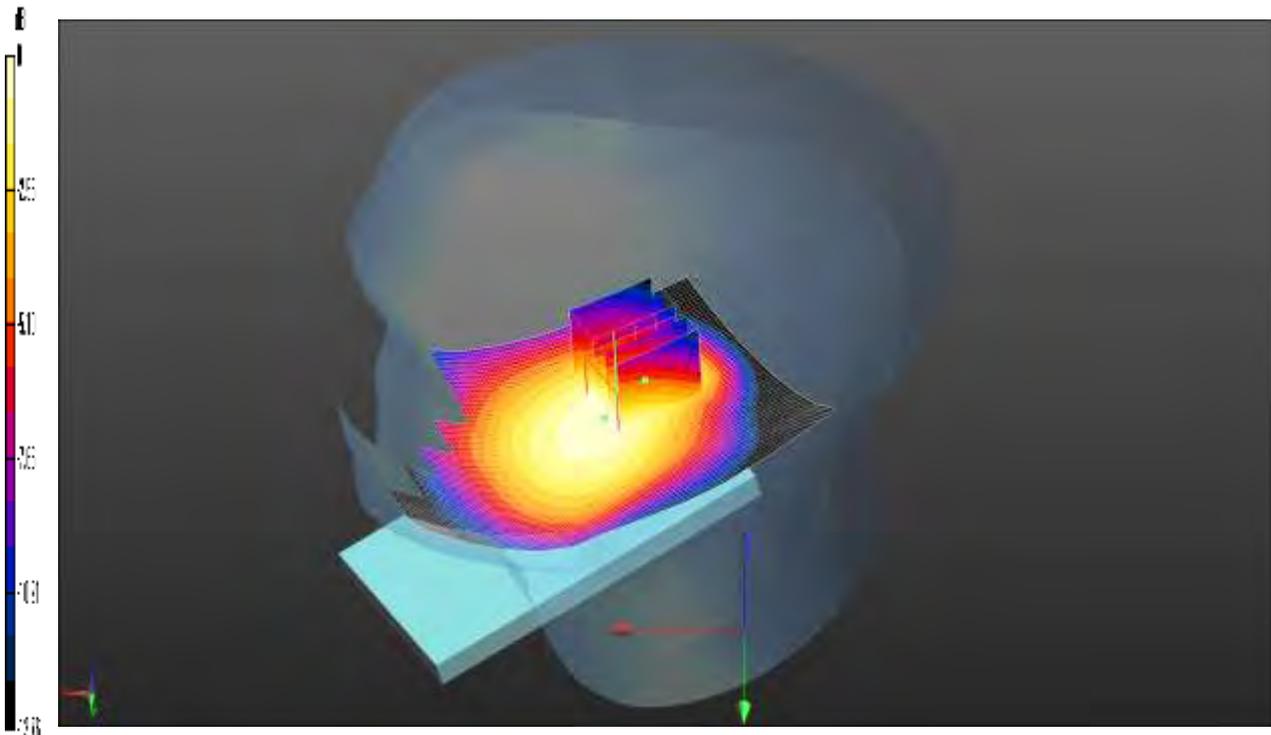
SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 0.371 mW/g

SCN/89439JD02/079: Tilt Right LTE Band 5 10MHz BW 1RB Low End QPSK CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.517 W/kg = -2.87 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

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

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

Reference Value = 17.322 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.681 W/kg

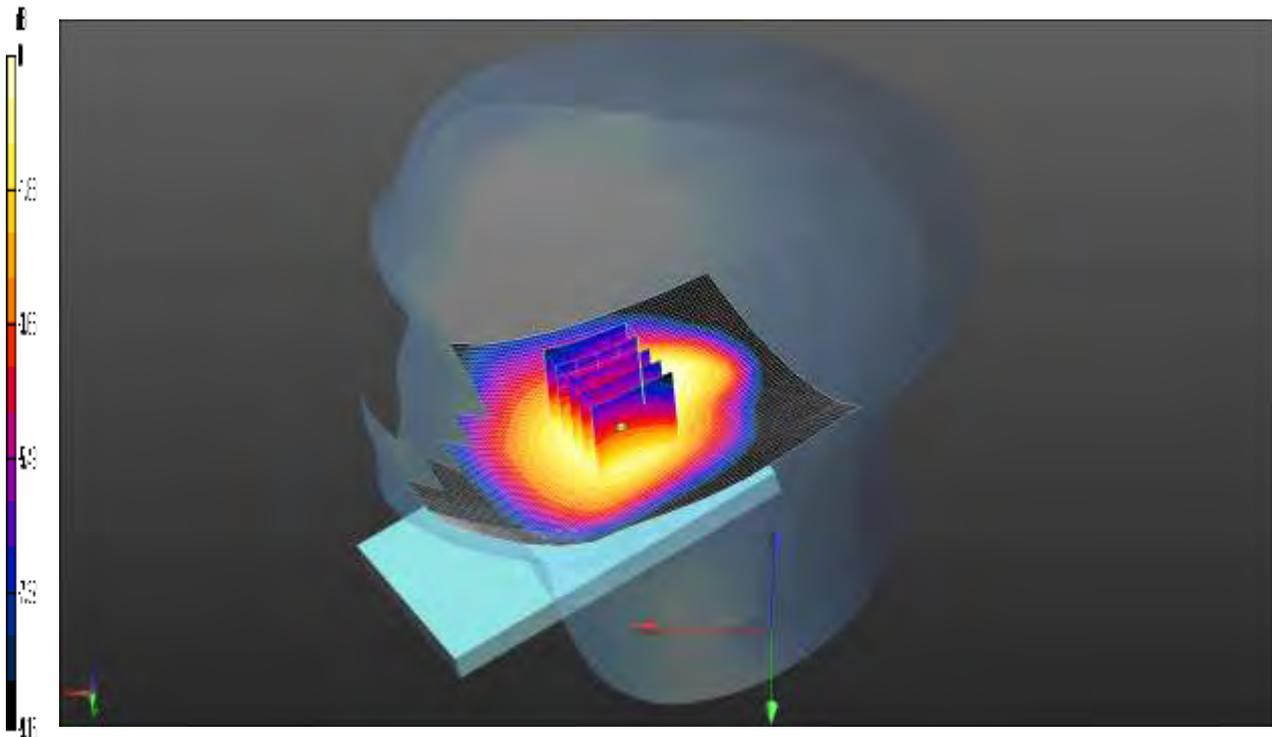
SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.347 W/kg

Maximum value of SAR (measured) = 0.517 W/kg

SCN/89439JD02/080: Tilt Right LTE Band 5 10MHz BW 1RB High End QPSK CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.467 W/kg = -3.31 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.478 W/kg

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

Reference Value = 16.978 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.562 W/kg

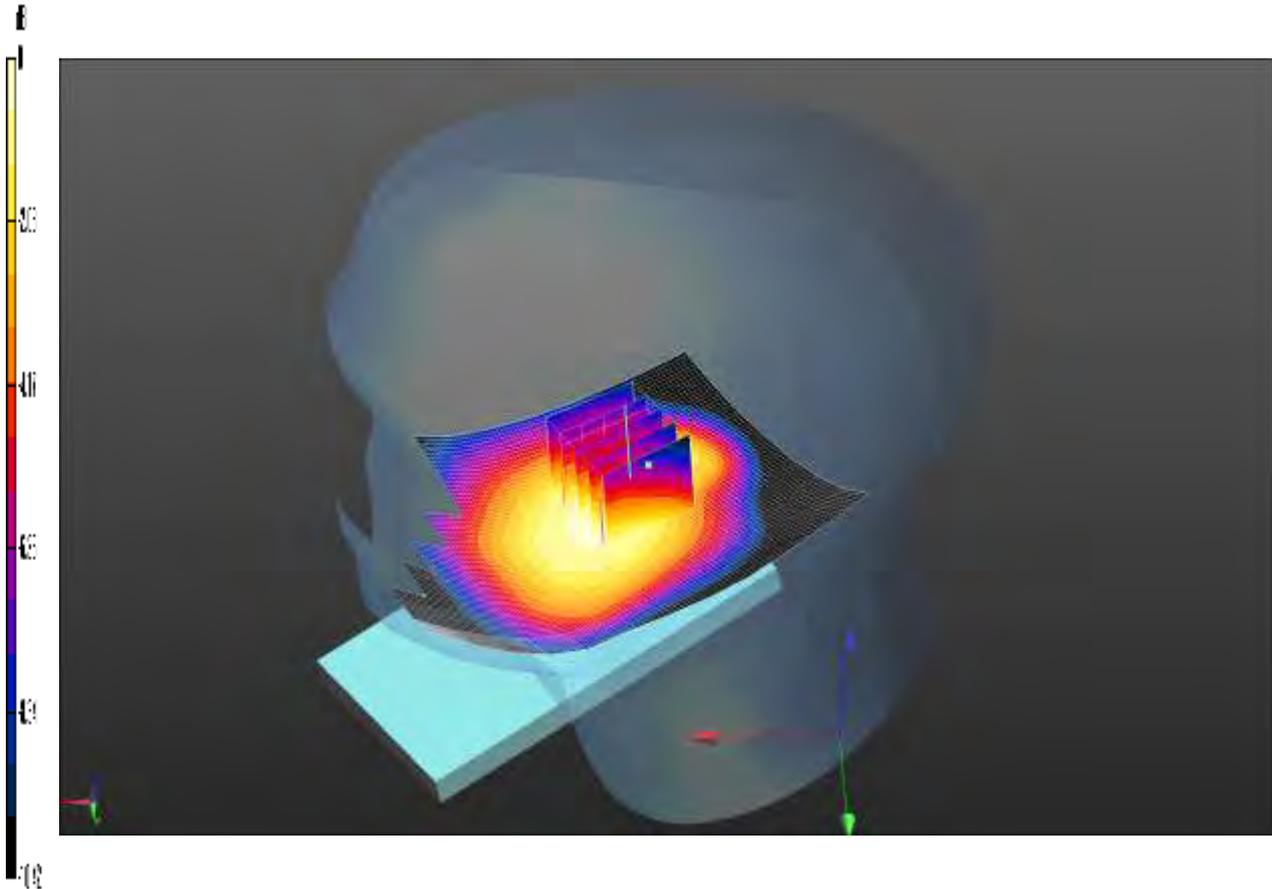
SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 0.467 W/kg

SCN/89439JD02/081: Tilt Right LTE Band 5 10MHz BW 50% RB 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.290 W/kg = -5.38 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.286 W/kg

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

Reference Value = 12.815 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.371 W/kg

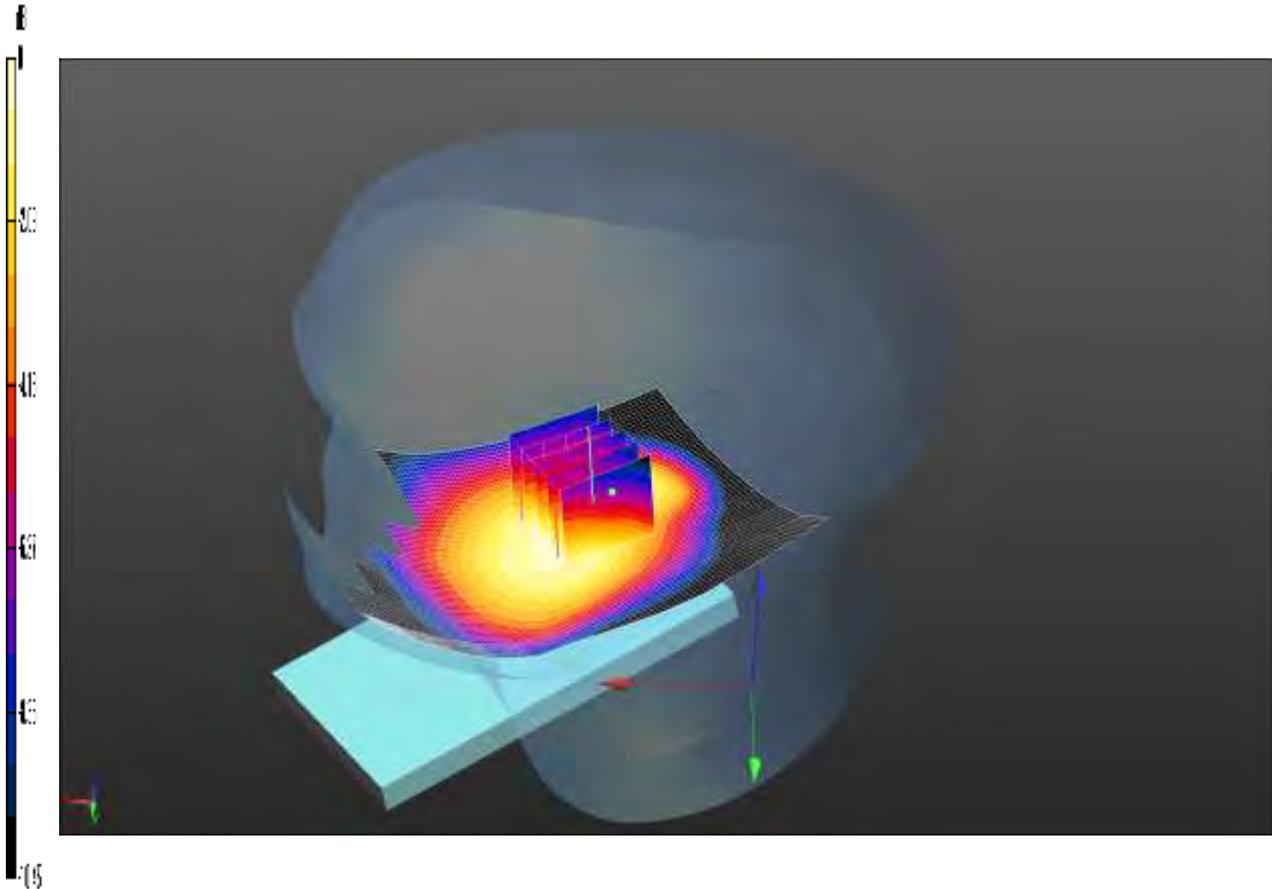
SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.290 W/kg

SCN/89439JD02/082: Tilt Right LTE Band 5 10MHz BW 1 RB Low End 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.385 W/kg = -4.15 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.395 W/kg

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

Reference Value = 14.856 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.492 W/kg

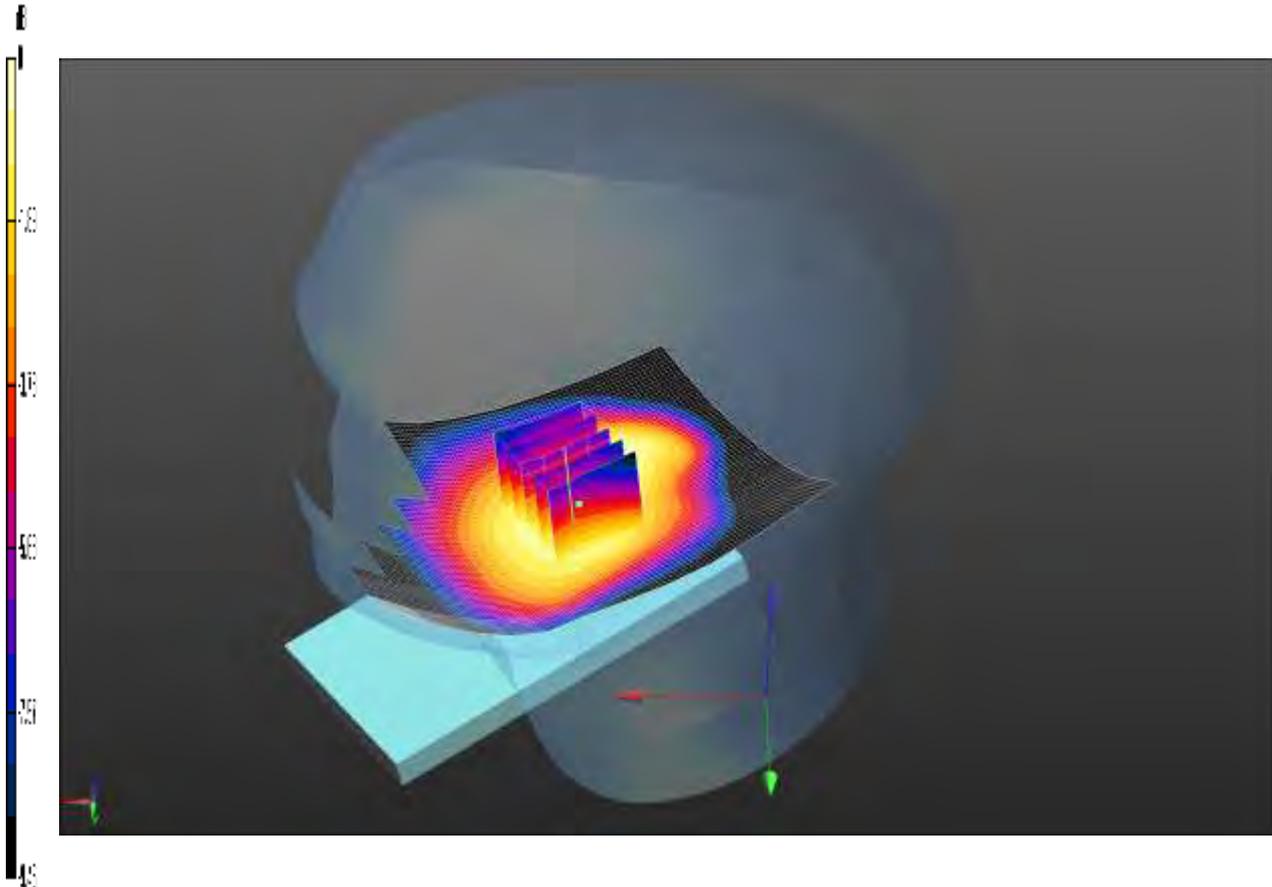
SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 0.385 W/kg

SCN/89439JD02/083: Tilt Right LTE Band 5 10MHz BW 1 RB High End 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.415 W/kg = -3.82 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.411 W/kg

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

Reference Value = 15.827 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.485 W/kg

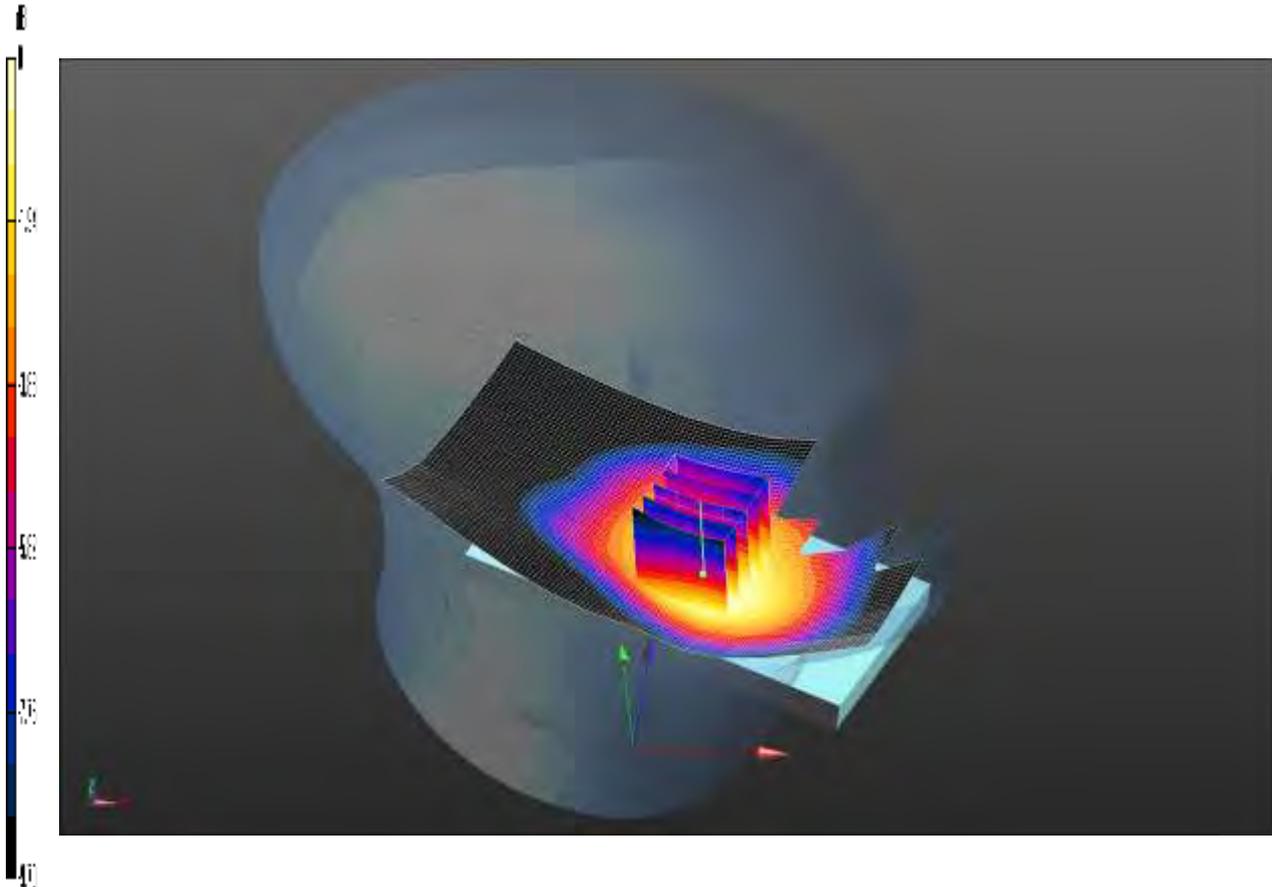
SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.415 W/kg

SCN/89439JD02/084: Touch Left LTE Band 5 10MHz BW 1RB High End QPSK CH20450

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.823 W/kg = -0.85 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 42.886$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.834 W/kg

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

Reference Value = 9.255 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.04 W/kg

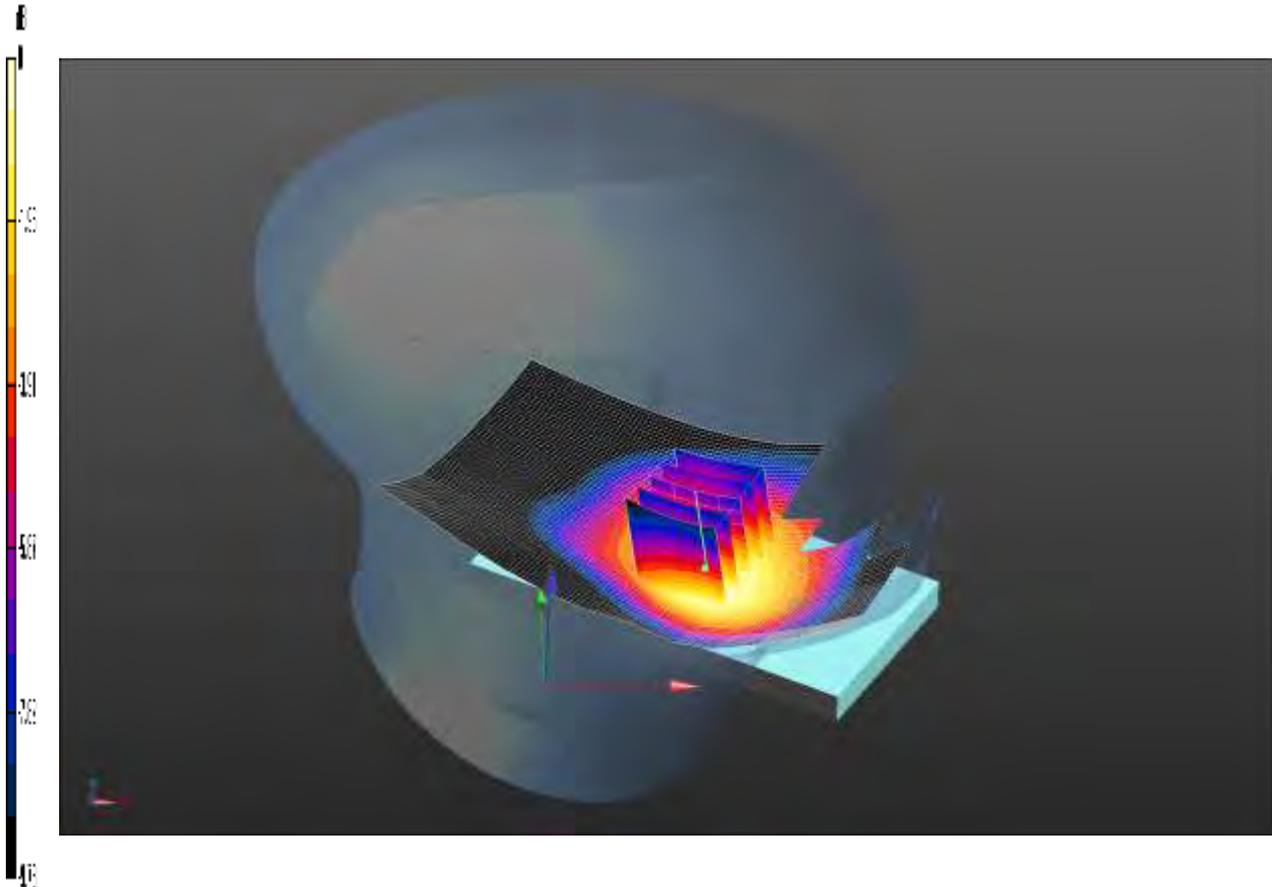
SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.565 W/kg

Maximum value of SAR (measured) = 0.823 W/kg

SCN/89439JD02/085: Touch Left LTE Band 5 10MHz BW 1RB High End QPSK CH20600

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.877 W/kg = -0.57 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 844 MHz;Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 42.755$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.868 W/kg

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

Reference Value = 9.314 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.07 W/kg

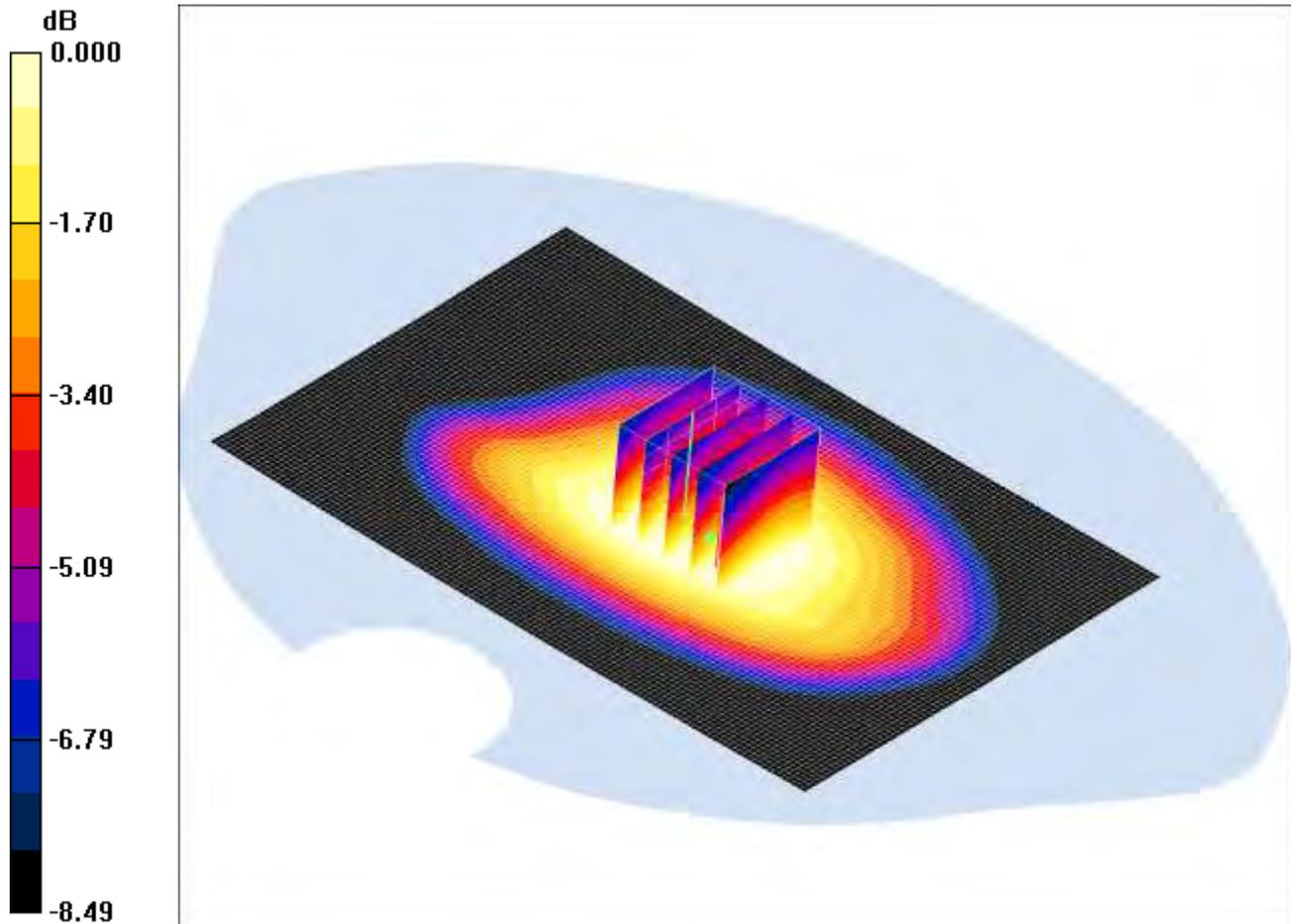
SAR(1 g) = 0.824 W/kg; SAR(10 g) = 0.596 W/kg

Maximum value of SAR (measured) = 0.877 W/kg

SCN/89439JD02/086: Front of EUT Facing Phantom LTE Band 5 10 MHz BW 50% RB QPSK CH20525

Date: 15/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.661mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Front of EUT Facing Phantom - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.686 mW/g

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

Reference Value = 26.9 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.736 W/kg

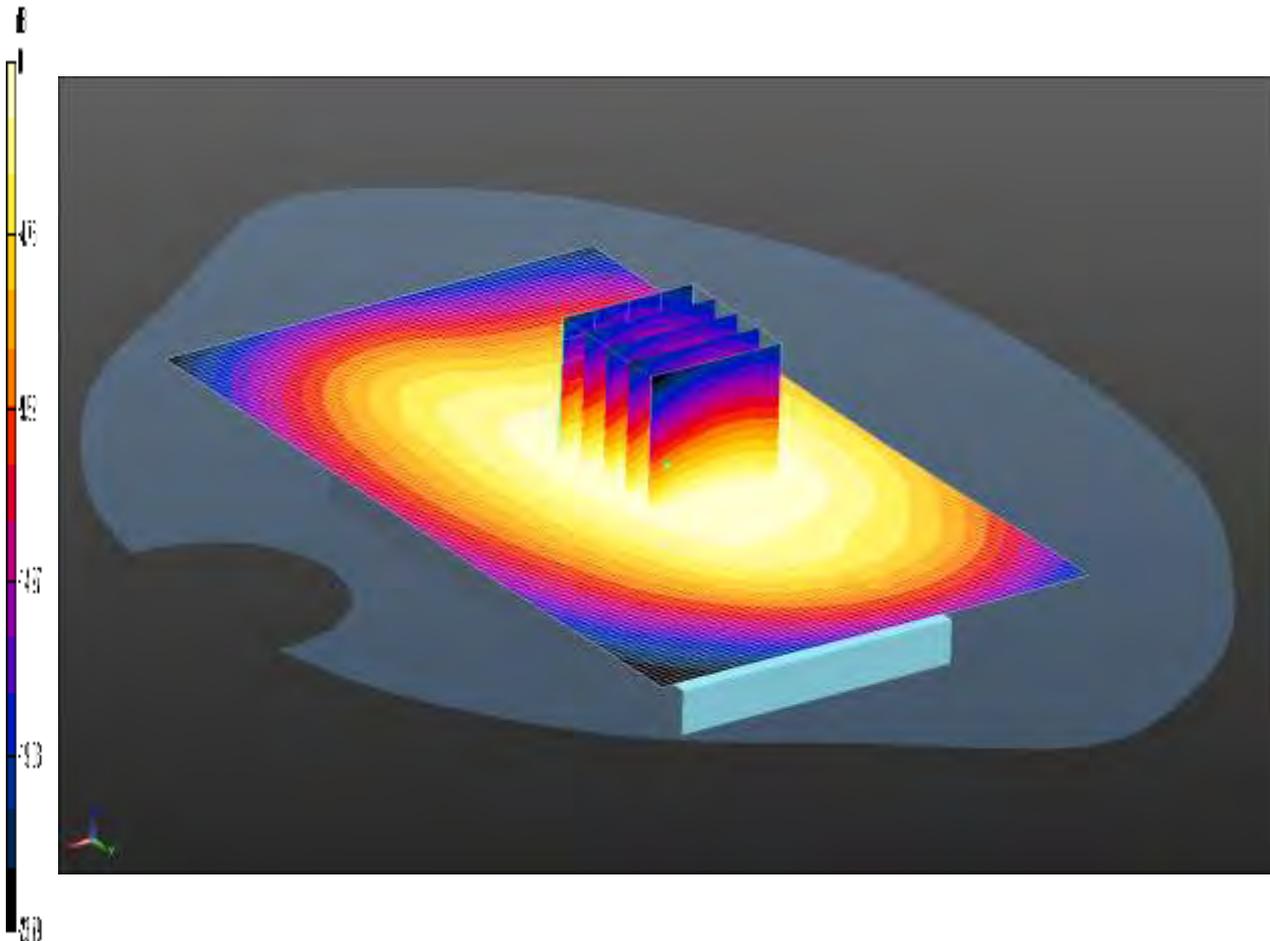
SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.466 mW/g

Maximum value of SAR (measured) = 0.661 mW/g

SCN/89439JD02/087: Front of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End QPSK CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.878 W/kg = -0.57 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.878 W/kg

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

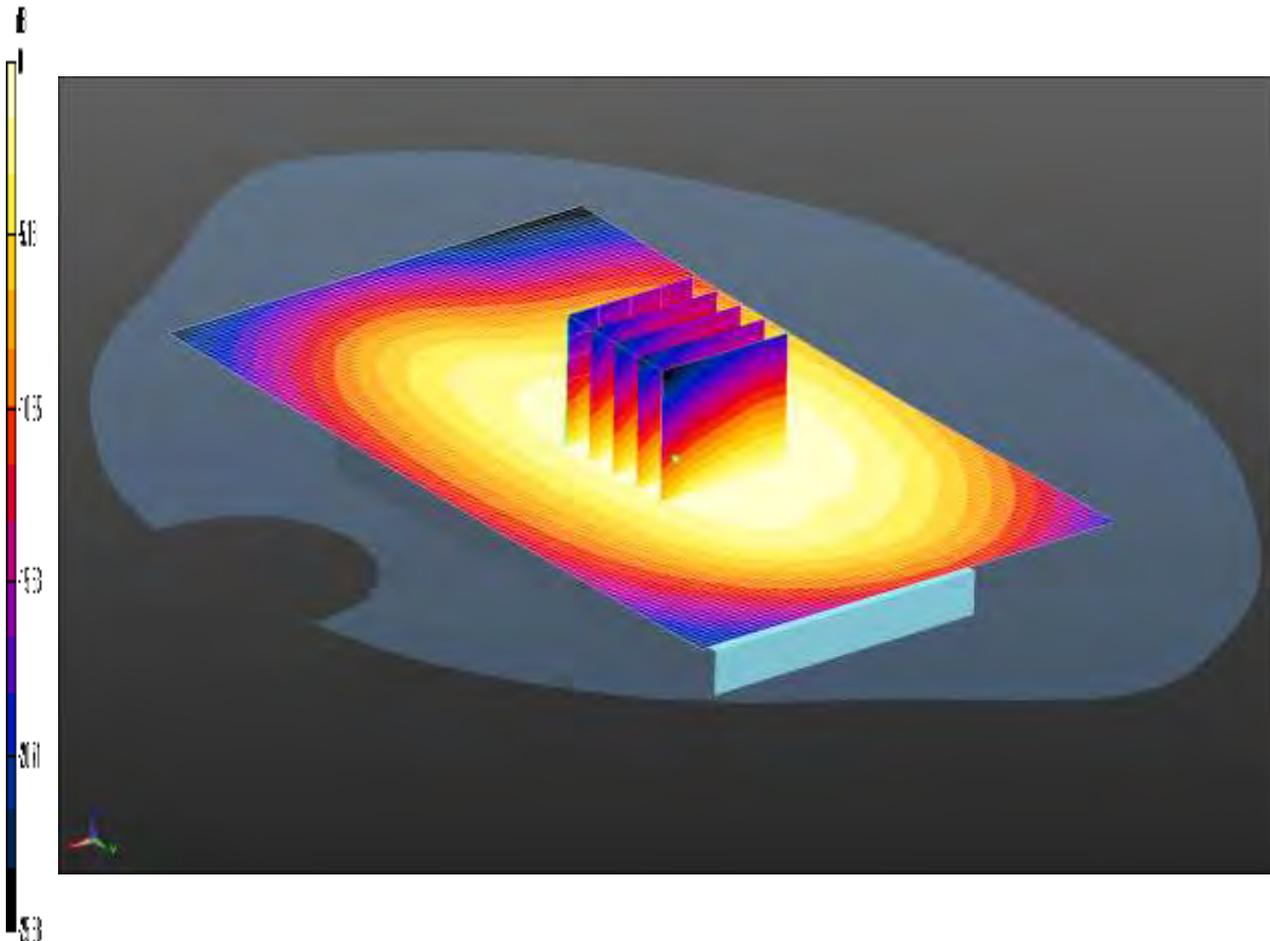
Reference Value = 31.039 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.656 W/kg

Maximum value of SAR (measured) = 0.876 W/kg

SCN/89439JD02/088: Front of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20525
 Date: 13/11/2012
 DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.831 W/kg = -0.81 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.5 MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Front of EUT Facing Phantom 2/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.831 W/kg

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

Reference Value = 30.270 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.973 W/kg

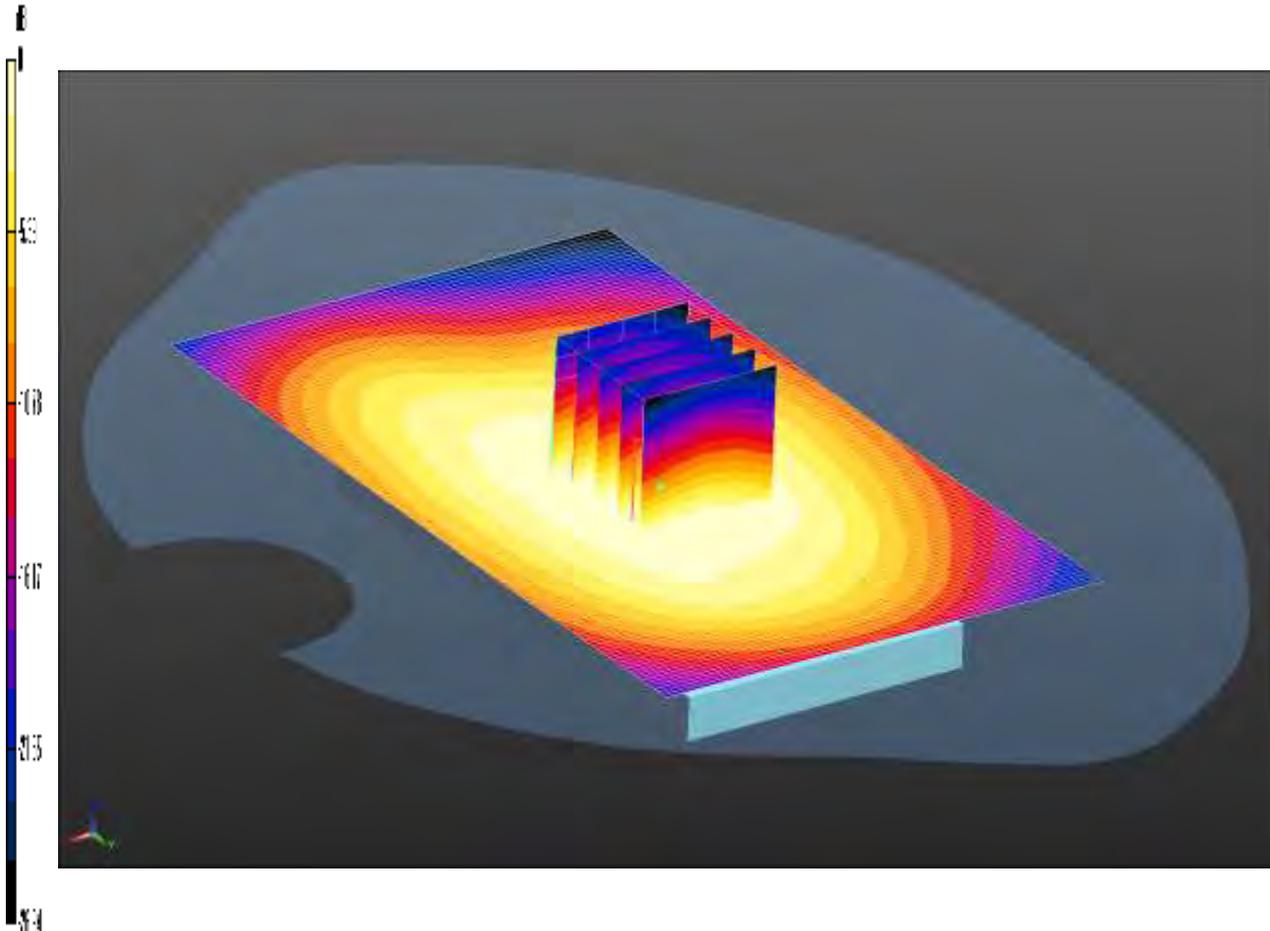
SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.627 W/kg

Maximum value of SAR (measured) = 0.850 W/kg

SCN/89439JD02/089: Front of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB 16-QAM CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.513 W/kg = -2.90 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Front of EUT Facing Phantom 2/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.513 W/kg

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

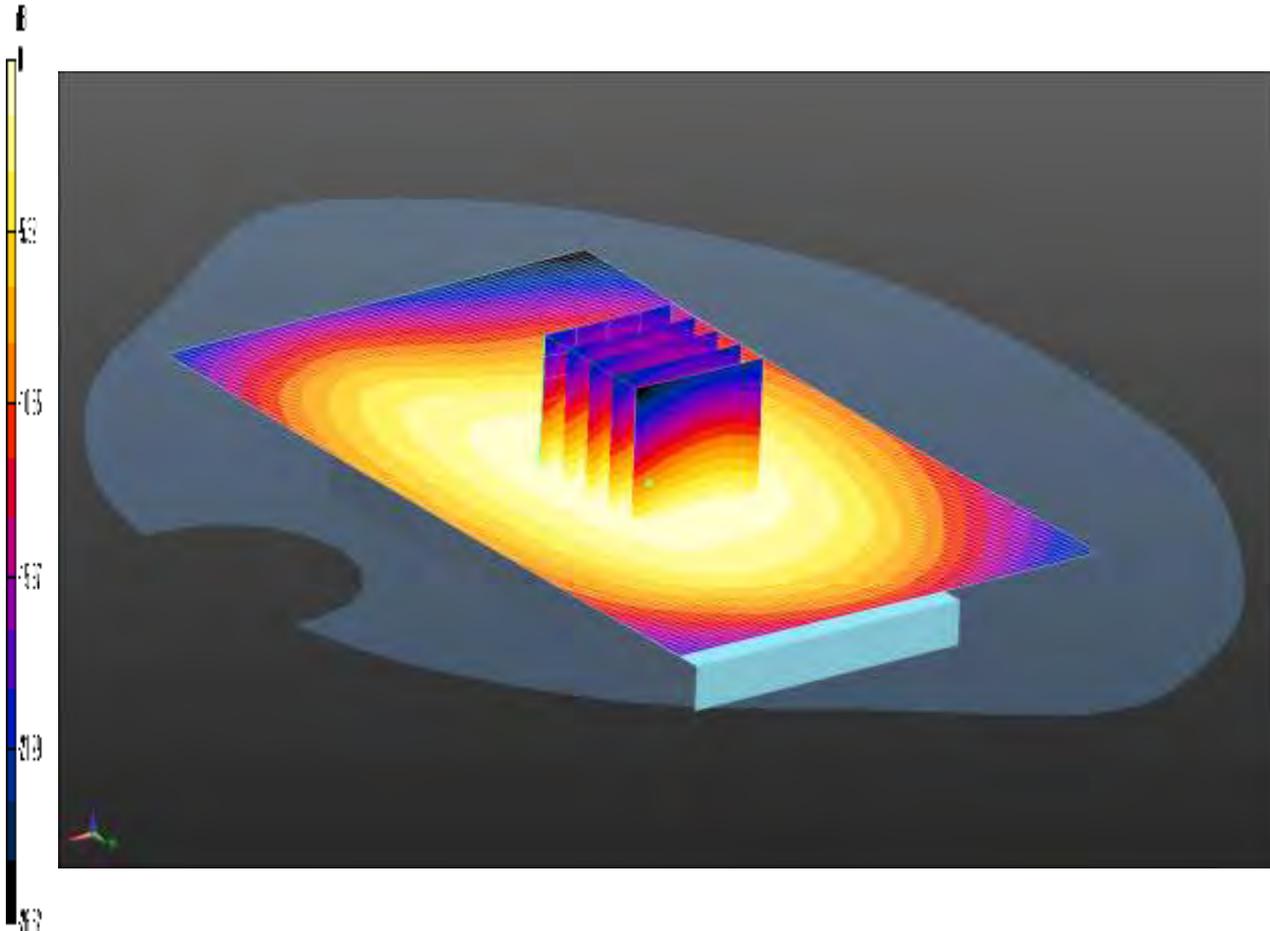
Reference Value = 23.451 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.386 W/kg

Maximum value of SAR (measured) = 0.518 W/kg

SCN/89439JD02/090: Front of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Low End 16-QAM CH20525
 Date: 13/11/2012
 DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.682 W/kg = -1.66 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD00P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Front of EUT Facing Phantom 2/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.682 W/kg

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

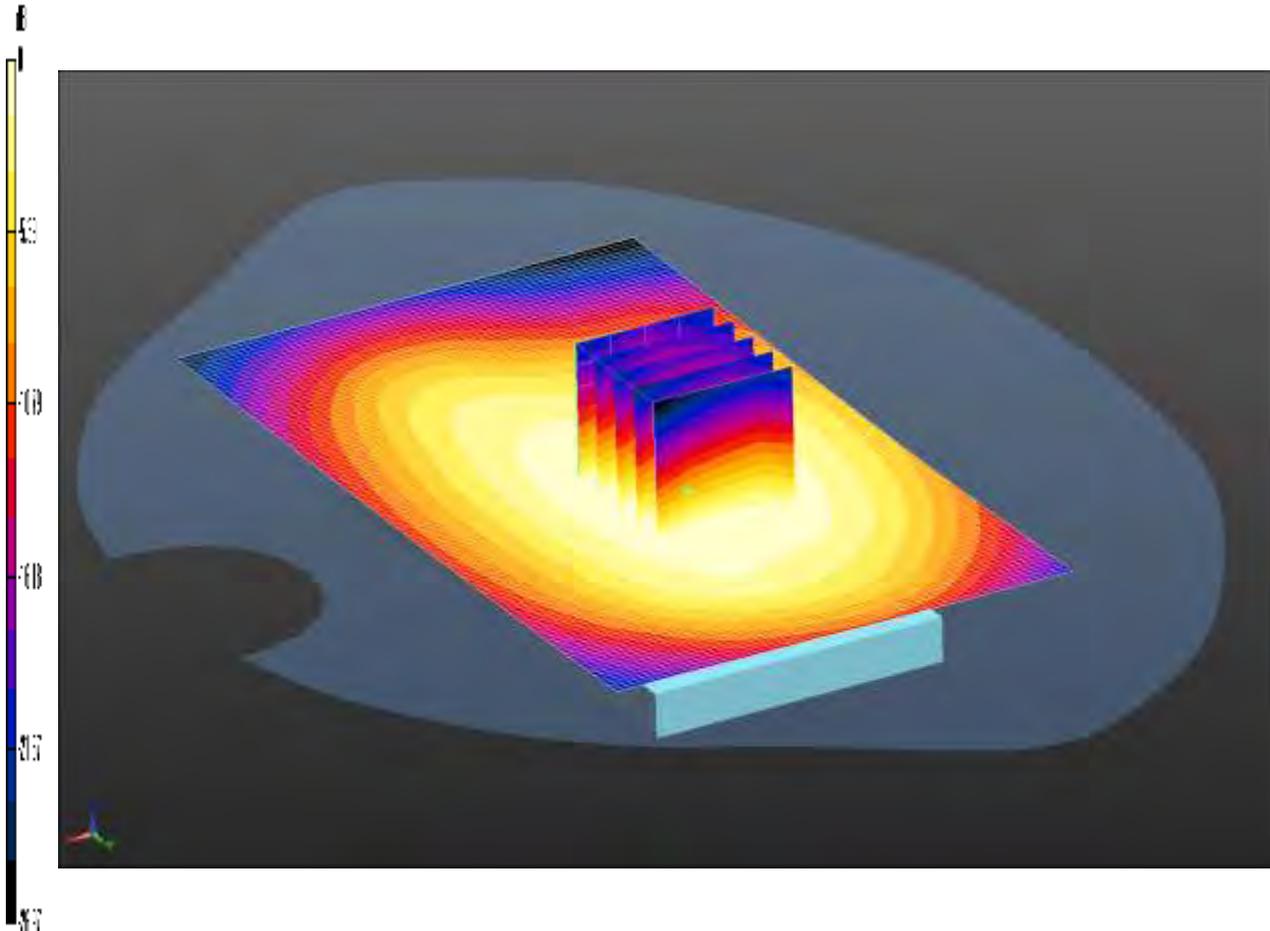
Reference Value = 26.882 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.795 W/kg

SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.507 W/kg

Maximum value of SAR (measured) = 0.683 W/kg

SCN/89439JD02/091: Front of EUT Facing Phantom LTE Band 5 10MHz BW 1RB High End 16-QAM CH20525
 Date: 13/11/2012
 DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.694 W/kg = -1.59 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD00P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Front of EUT Facing Phantom 2/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.694 W/kg

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

Reference Value = 27.006 V/m; Power Drift = 0.01 dB

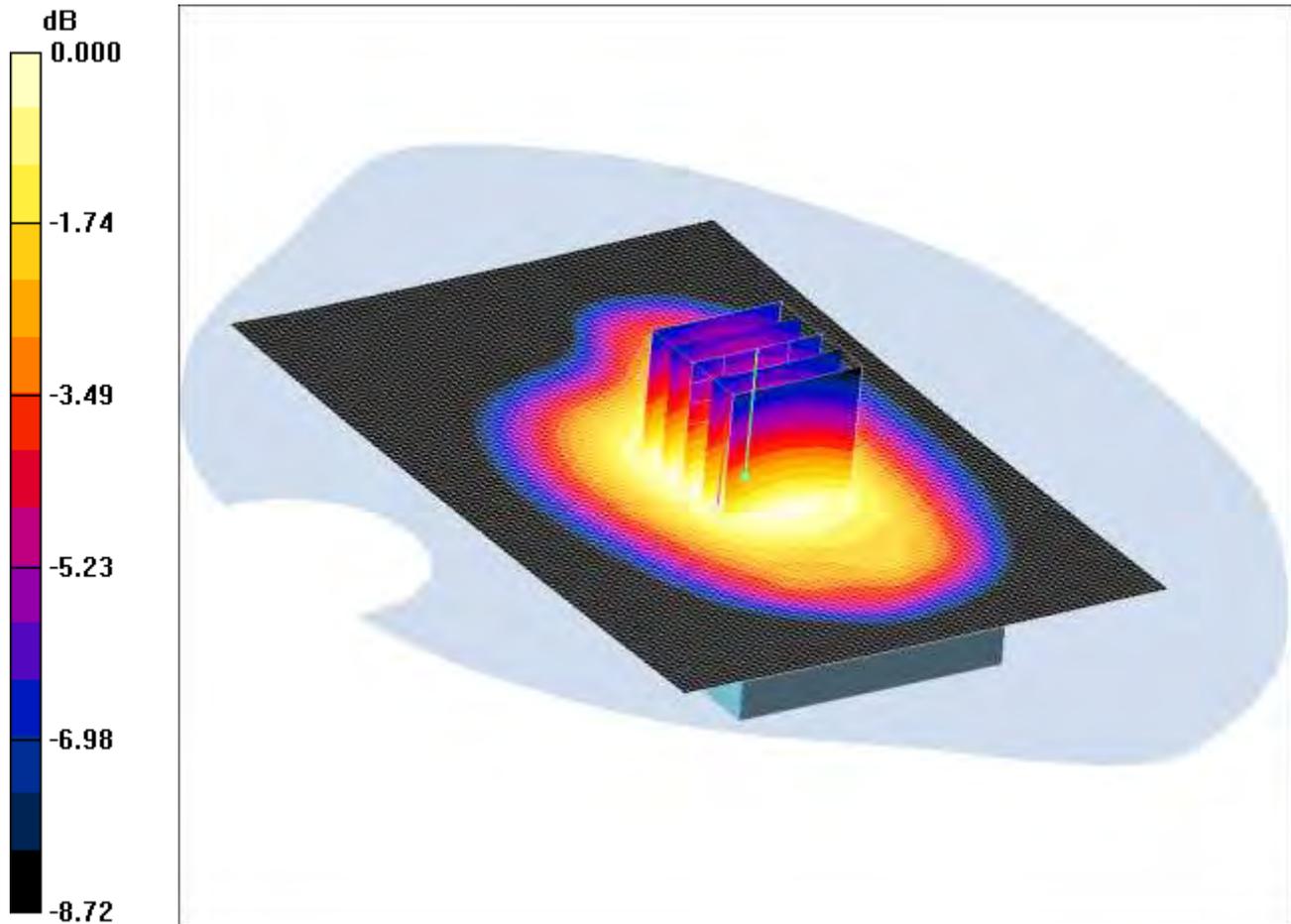
Peak SAR (extrapolated) = 0.793 W/kg

SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.514 W/kg

Maximum value of SAR (measured) = 0.692 W/kg

SCN/89439JD02/092: Back of EUT Facing Phantom LTE Band 5 10 MHz BW 50% RB QPSK CH20525
Date: 15/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.681mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Back of EUT Facing Phantom - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 26.1 V/m; Power Drift = 0.027 dB

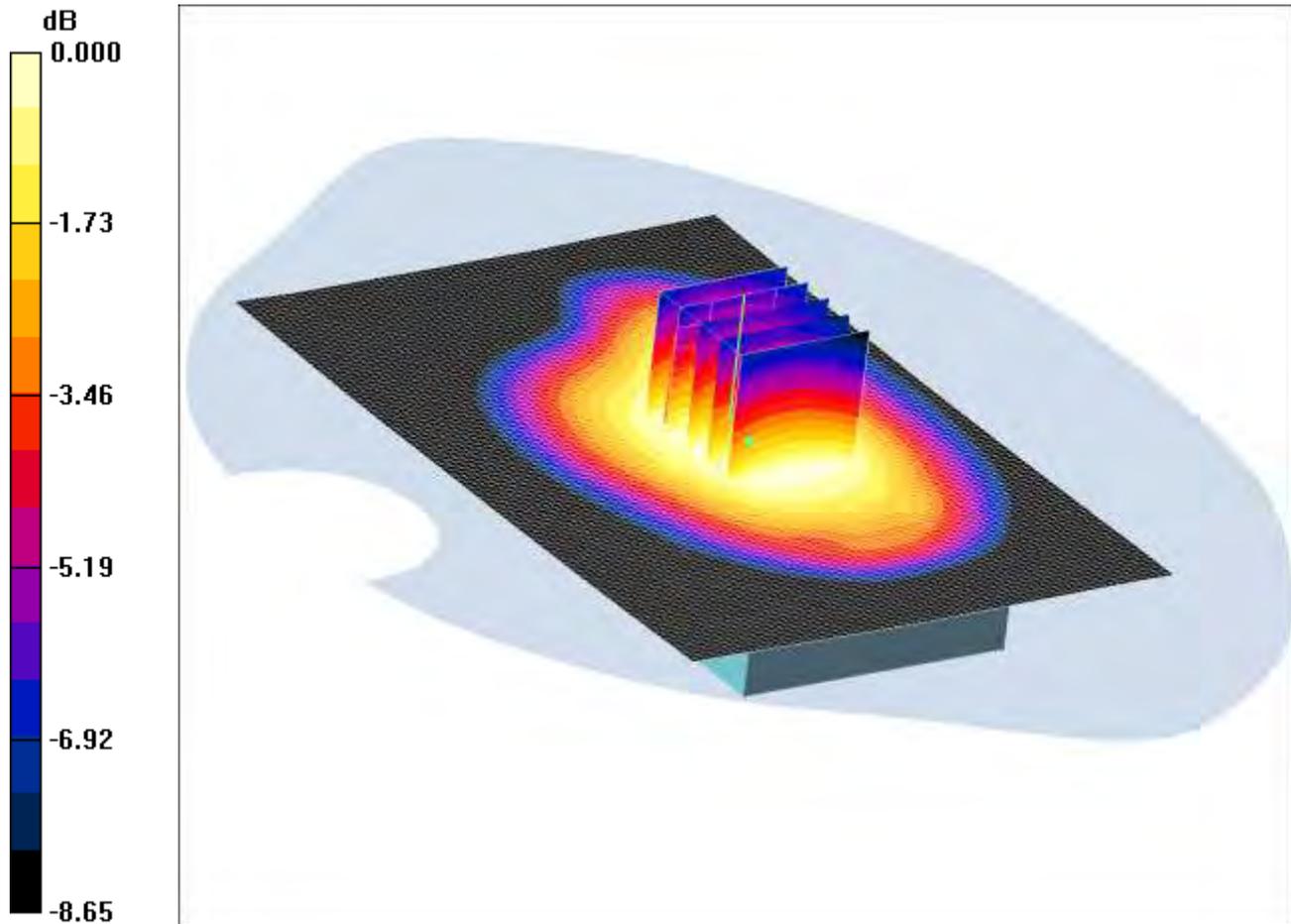
Peak SAR (extrapolated) = 0.760 W/kg

SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.466 mW/g

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

SCN/89439JD02/093: Back of EUT Facing Phantom LTE Band 5 10 MHz BW 1 RB Low End QPSK CH20525
Date: 15/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.885mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Back of EUT Facing Phantom - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.906 mW/g

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

Reference Value = 29.7 V/m; Power Drift = 0.128 dB

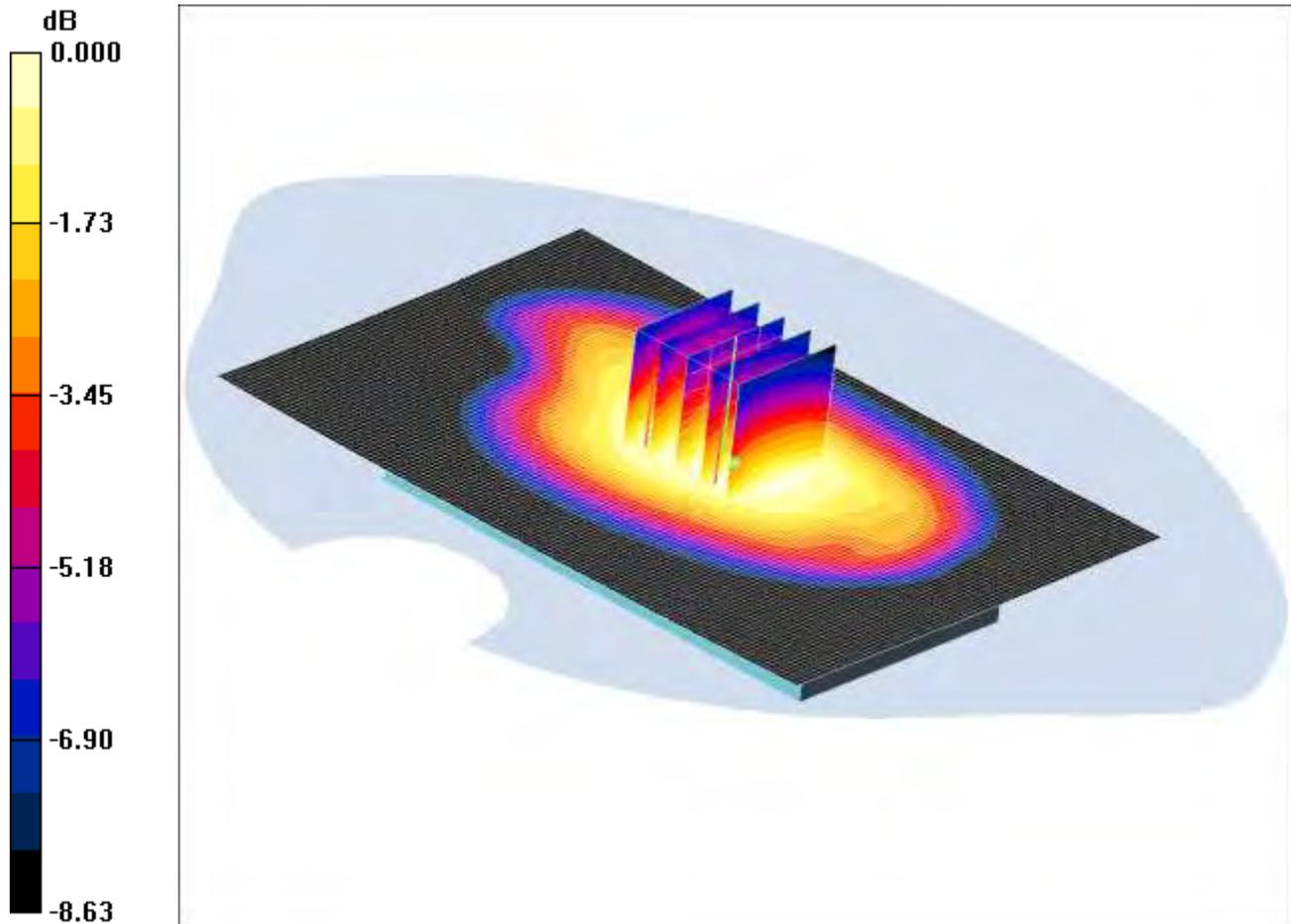
Peak SAR (extrapolated) = 0.989 W/kg

SAR(1 g) = 0.790 mW/g; SAR(10 g) = 0.606 mW/g

Maximum value of SAR (measured) = 0.885 mW/g

SCN/89439JD02/094: Back of EUT Facing Phantom LTE Band 5 10 MHz BW 1 RB High End QPSK CH20525
Date: 15/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.855mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Back of EUT Facing Phantom - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.852 mW/g

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

Reference Value = 29.3 V/m; Power Drift = -0.042 dB

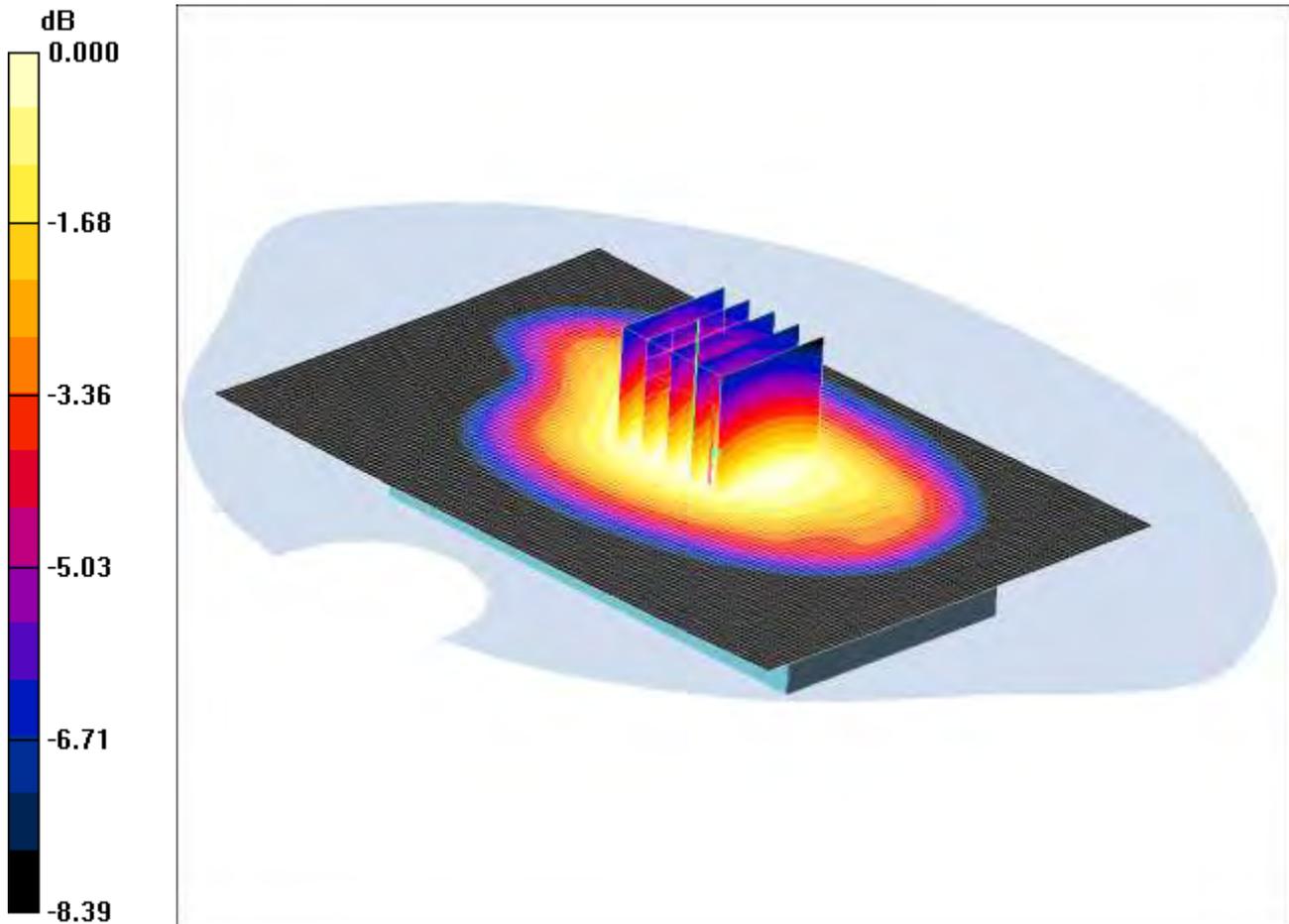
Peak SAR (extrapolated) = 0.944 W/kg

SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.579 mW/g

Maximum value of SAR (measured) = 0.855 mW/g

SCN/89439JD02/095: Back of EUT Facing Phantom LTE Band 5 10 MHz BW 50% RB 16QAM CH20525
Date: 15/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.522mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Back of EUT Facing Phantom - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

Back 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 = -0.078 dB

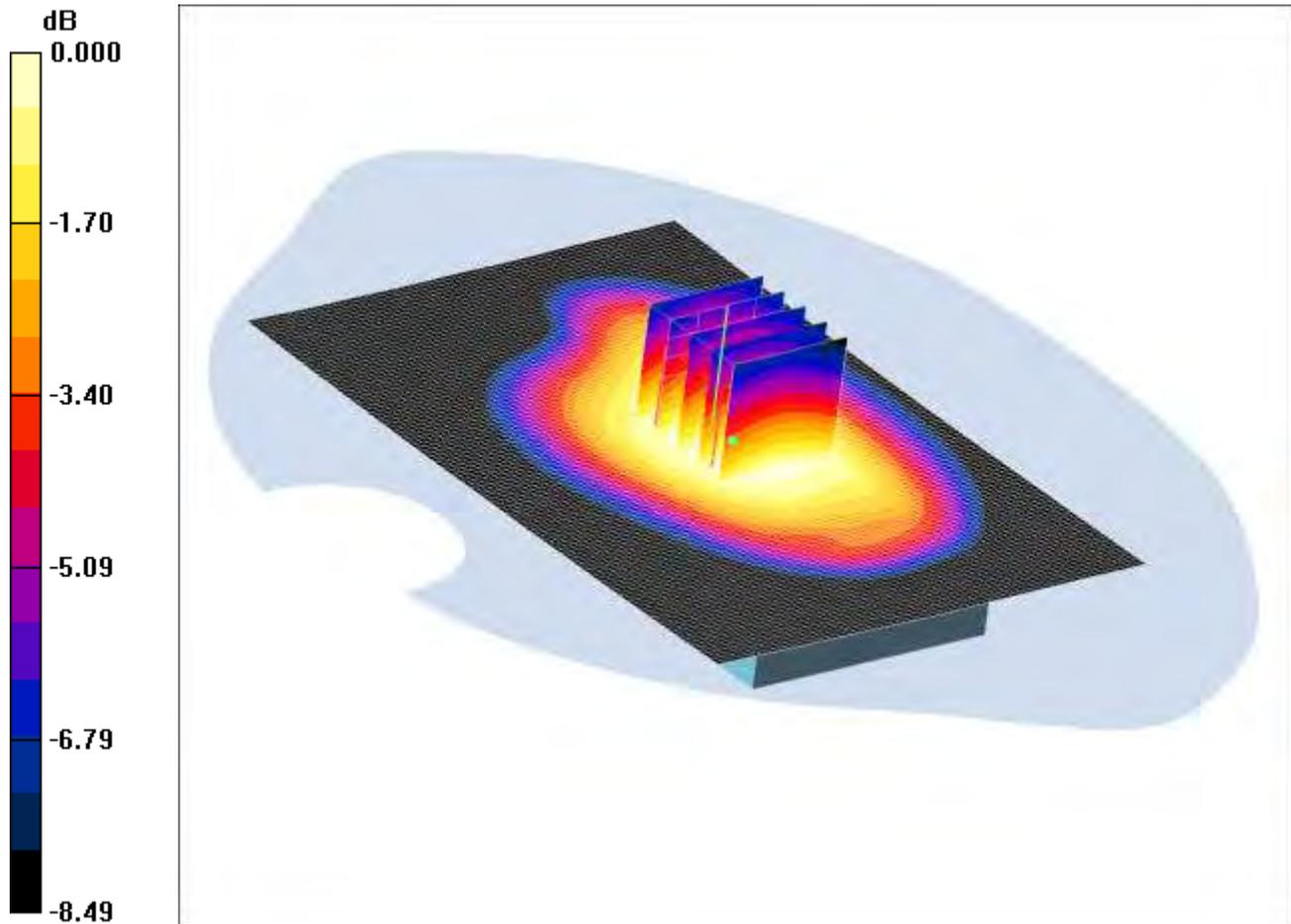
Peak SAR (extrapolated) = 0.592 W/kg

SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 0.522 mW/g

SCN/89439JD02/096: Back of EUT Facing Phantom LTE Band 5 10 MHz BW 1 RB Low End 16QAM CH20525
Date: 15/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.724mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Back of EUT Facing Phantom - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.725 mW/g

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

Reference Value = 27.1 V/m; Power Drift = -0.001 dB

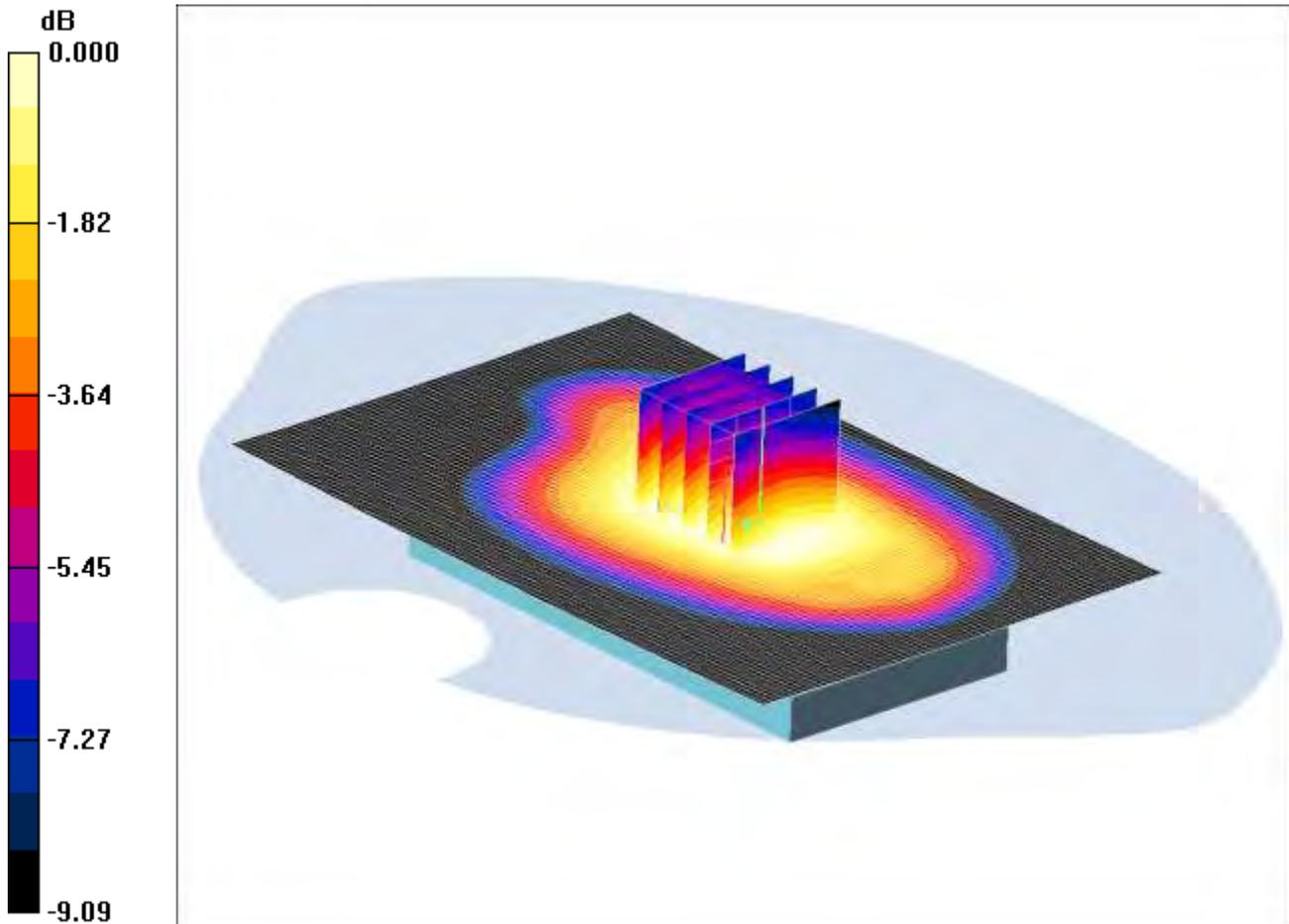
Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.496 mW/g

Maximum value of SAR (measured) = 0.724 mW/g

SCN/89439JD02/097: Back of EUT Facing Phantom LTE Band 5 10 MHz BW 1 RB High End 16QAM CH20525
Date: 17/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.650mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.28, 6.28, 6.28); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Back of EUT Facing Phantom - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.674 mW/g

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

Reference Value = 27.0 V/m; Power Drift = 0.097 dB

Peak SAR (extrapolated) = 0.748 W/kg

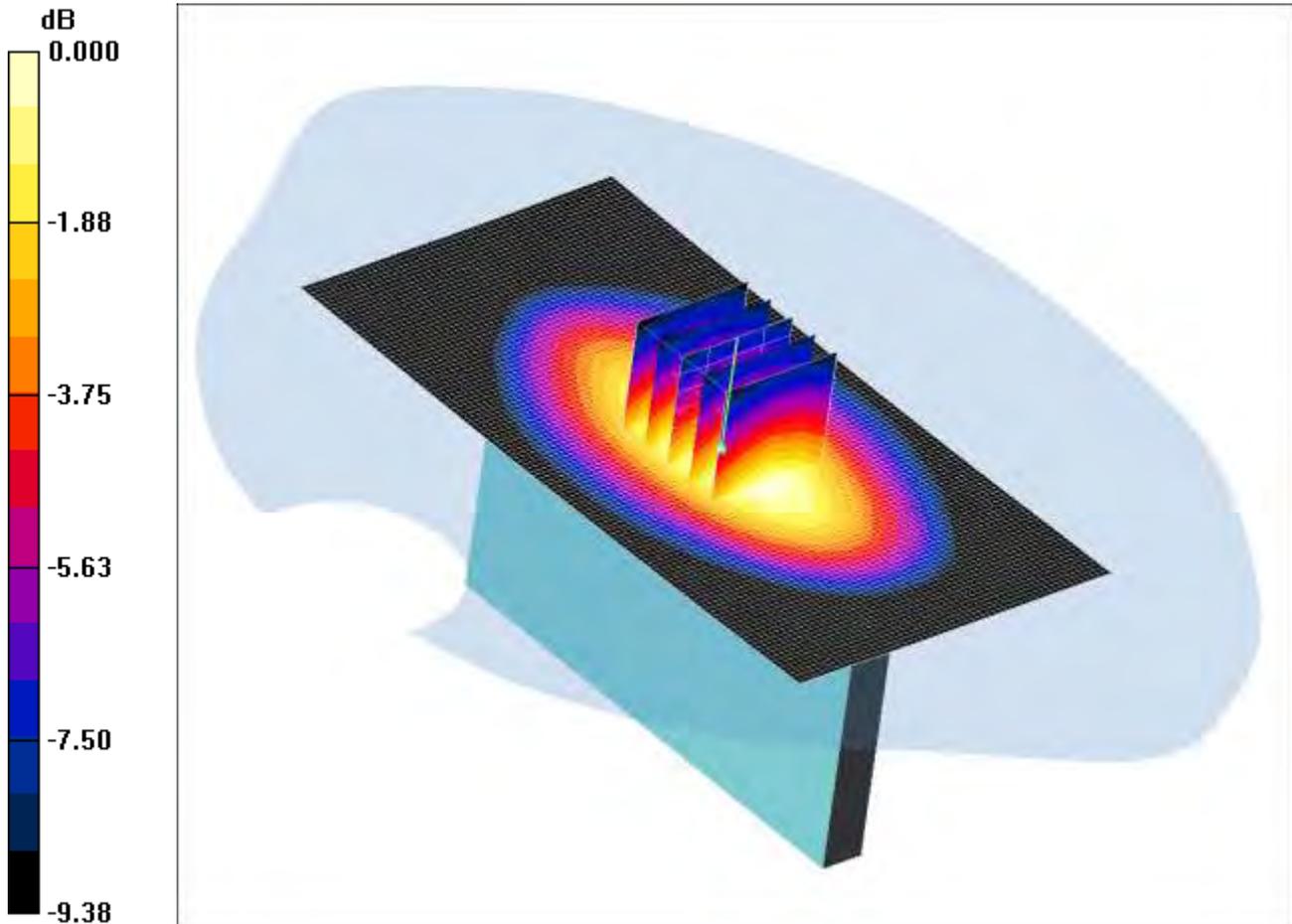
SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.478 mW/g

Maximum value of SAR (measured) = 0.650 mW/g

SCN/89439JD02/098: Left Hand Side of EUT Facing Phantom LTE Band 5 10 MHz BW 50% RB QPSK
CH20525

Date: 15/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.586mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Hand Side of EUT Facing Phantom - Middle/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

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

Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 23.9 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.684 W/kg

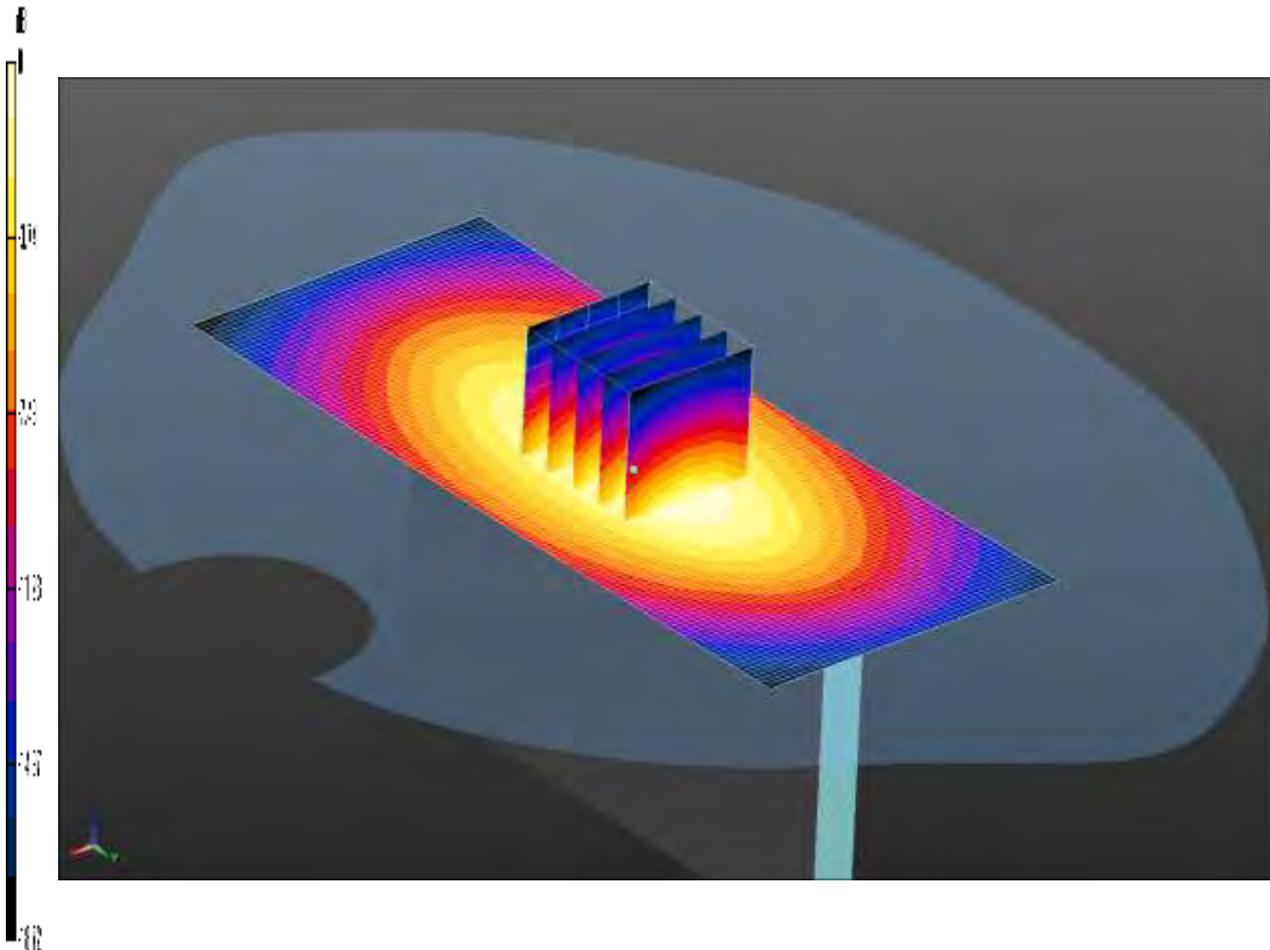
SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.344 mW/g

Maximum value of SAR (measured) = 0.586 mW/g

SCN/89439JD02/099: Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End QPSK
CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.772 W/kg = -1.13 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.772 W/kg

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

Reference Value = 29.263 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.955 W/kg

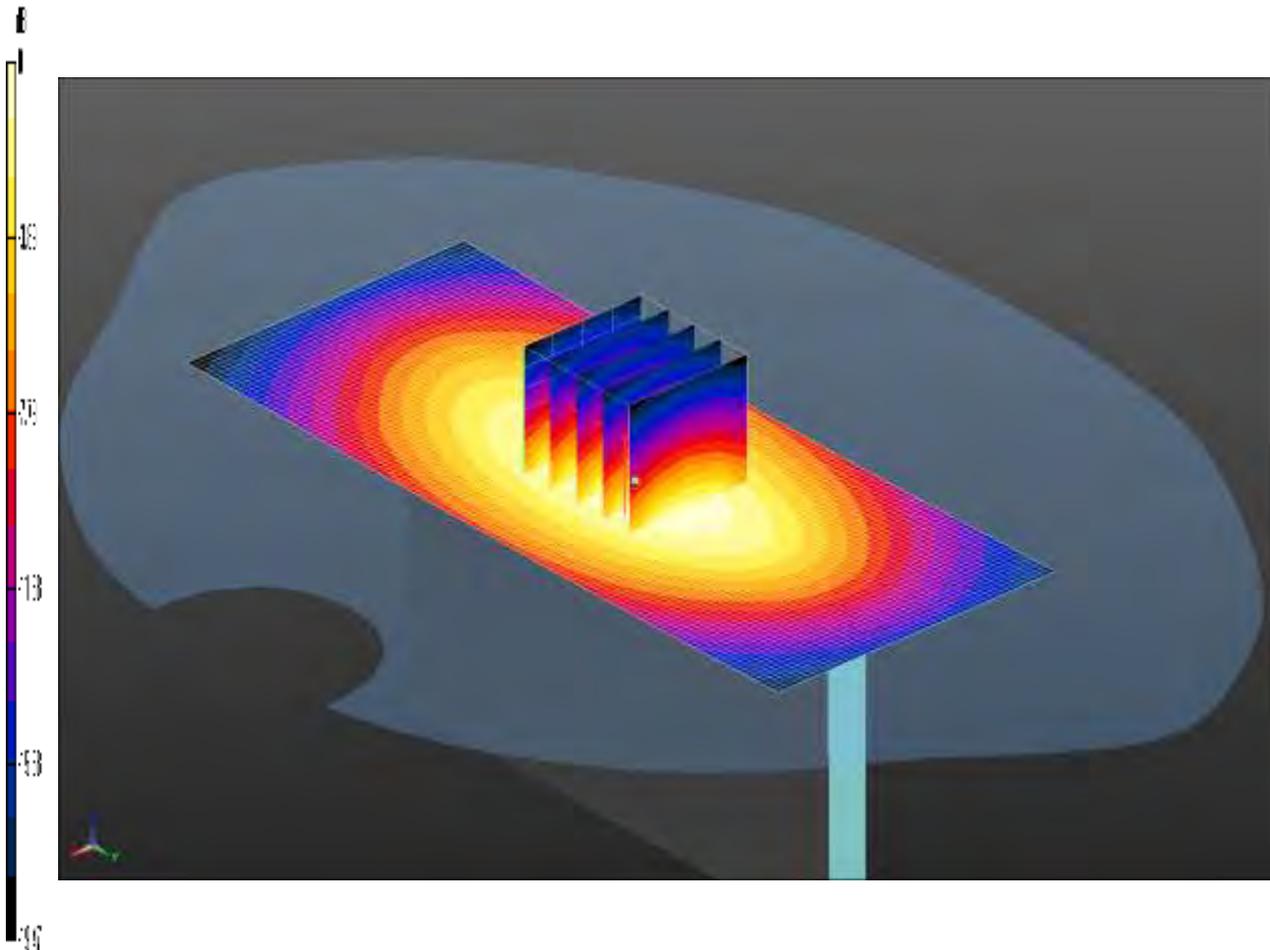
SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.499 W/kg

Maximum value of SAR (measured) = 0.767 W/kg

SCN/89439JD02/100: Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK
CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.645 W/kg = -1.91 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.645 W/kg

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

Reference Value = 26.180 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.794 W/kg

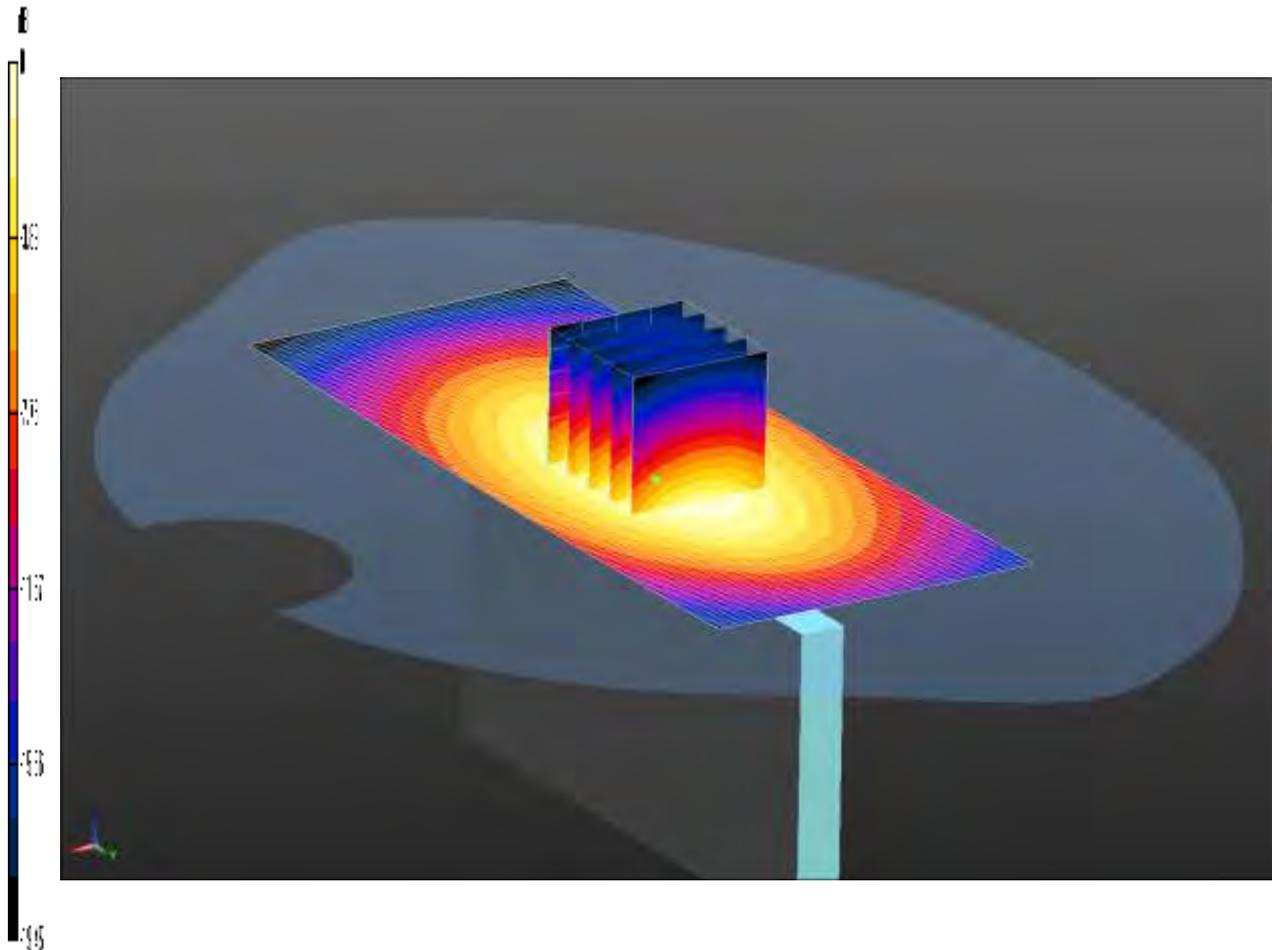
SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.409 W/kg

Maximum value of SAR (measured) = 0.636 W/kg

SCN/89439JD02/101: Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB 16-QAM
CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.410 W/kg = -3.88 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.410 W/kg

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

Reference Value = 20.509 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.505 W/kg

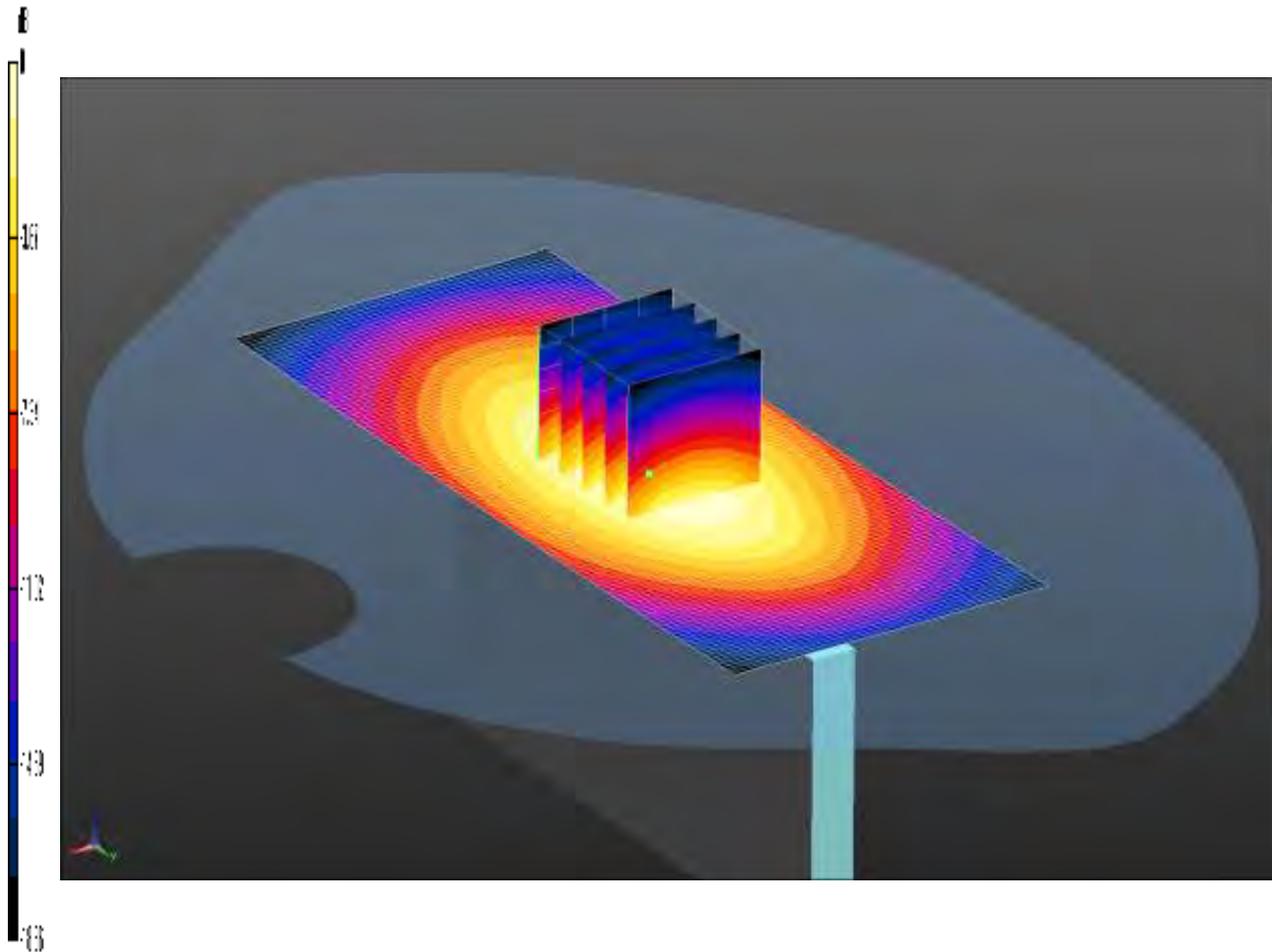
SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.259 W/kg

Maximum value of SAR (measured) = 0.402 W/kg

SCN/89439JD02/102: Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End 16-QAM CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.599 W/kg = -2.22 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.599 W/kg

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

Reference Value = 25.968 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.771 W/kg

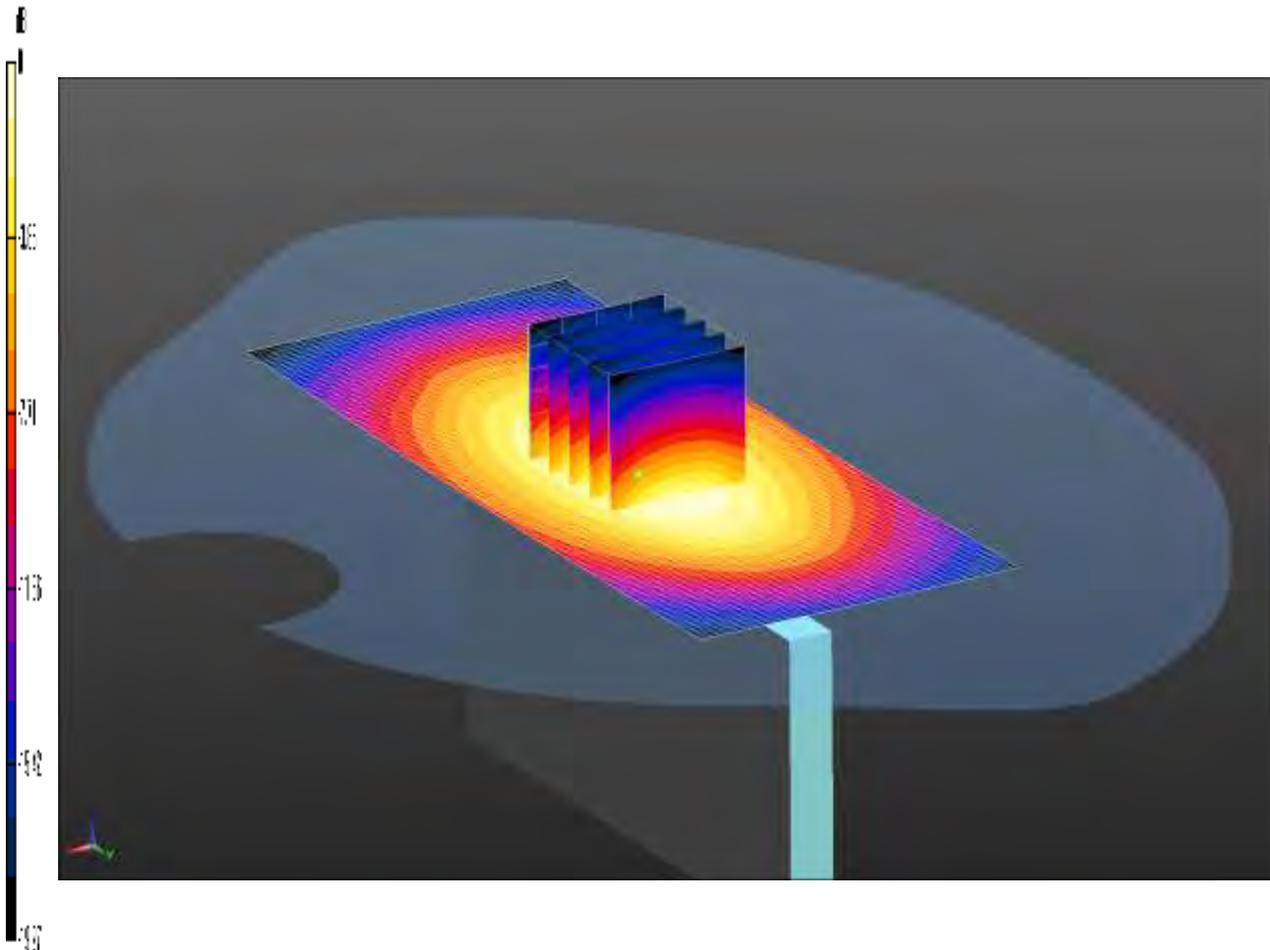
SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.400 W/kg

Maximum value of SAR (measured) = 0.614 W/kg

SCN/89439JD02/103: Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End 16-QAM CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.500 W/kg = -3.01 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.500 W/kg

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

Reference Value = 23.592 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.646 W/kg

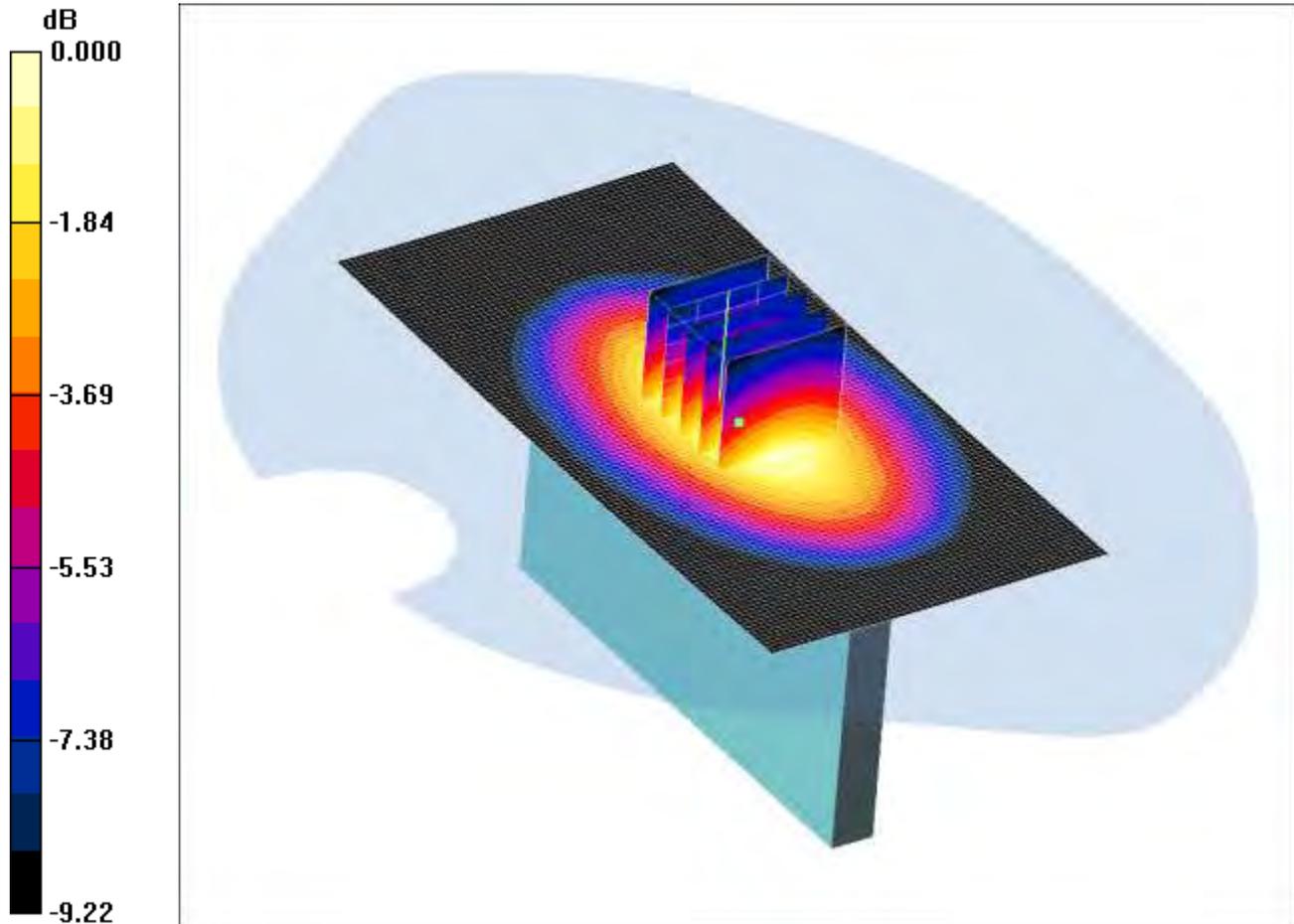
SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.328 W/kg

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

SCN/89439JD02/104: Right Hand Side of EUT Facing Phantom LTE Band 5 10 MHz BW 50% RB QPSK
CH20525

Date: 15/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.567mW/g

Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Hand Side of EUT Facing Phantom - Middle/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.564 mW/g

Right Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 23.8 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.666 W/kg

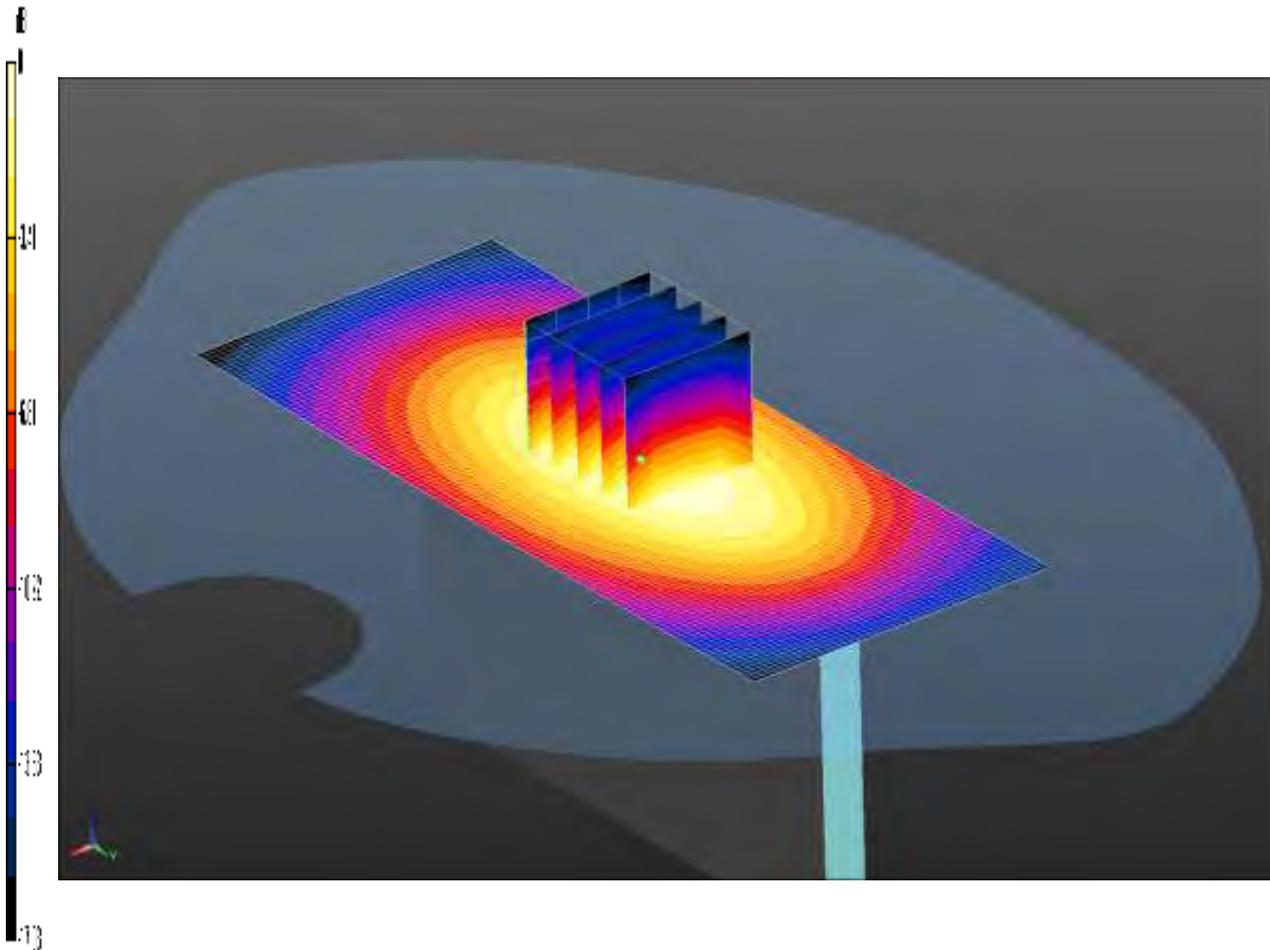
SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.339 mW/g

Maximum value of SAR (measured) = 0.567 mW/g

SCN/89439JD02/105: Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End QPSK CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.730 W/kg = -1.37 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.730 W/kg

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

Reference Value = 28.539 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.914 W/kg

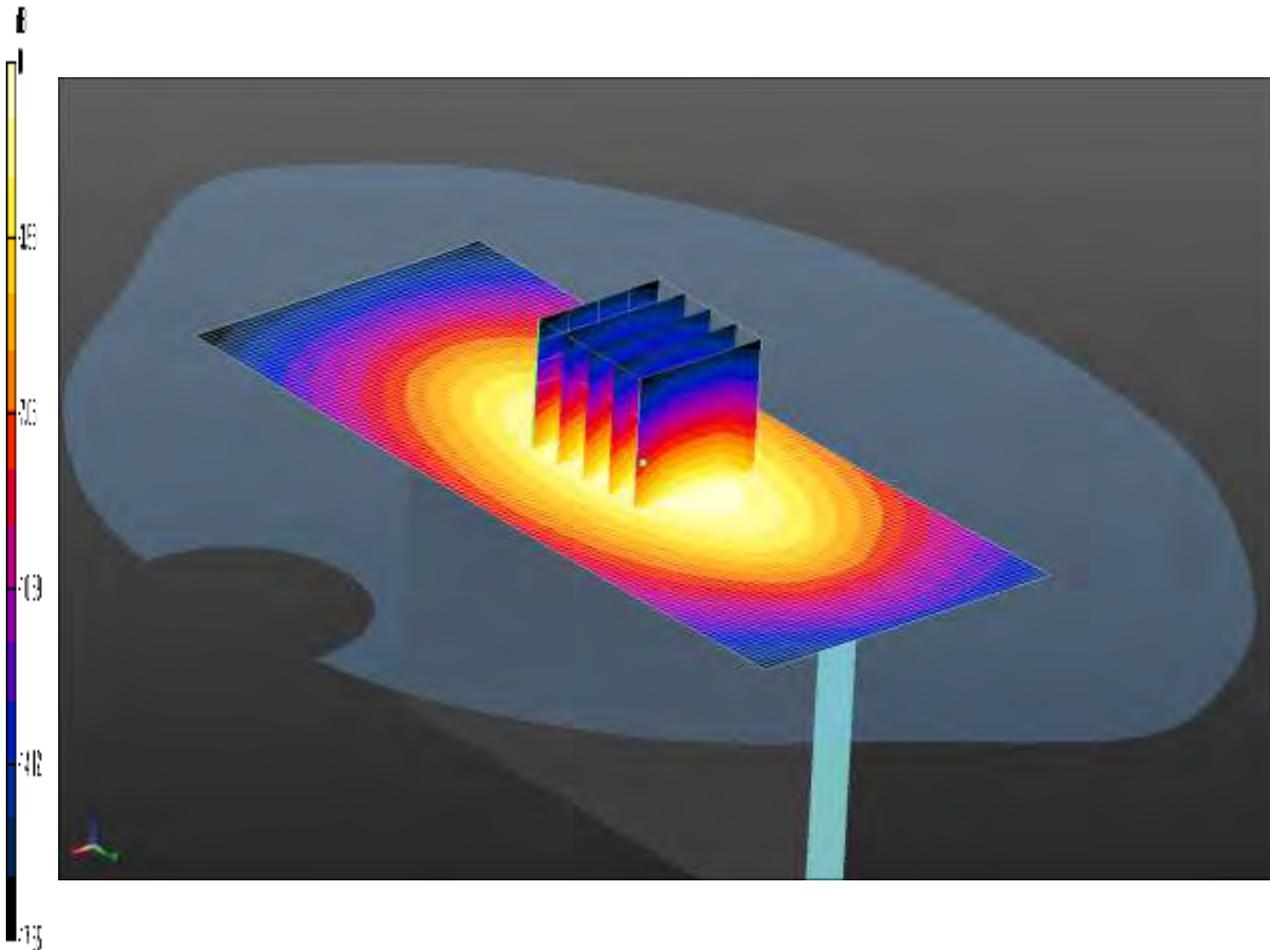
SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.484 W/kg

Maximum value of SAR (measured) = 0.736 W/kg

SCN/89439JD02/106: Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.622 W/kg = -2.06 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.622 W/kg

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

Reference Value = 26.832 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.809 W/kg

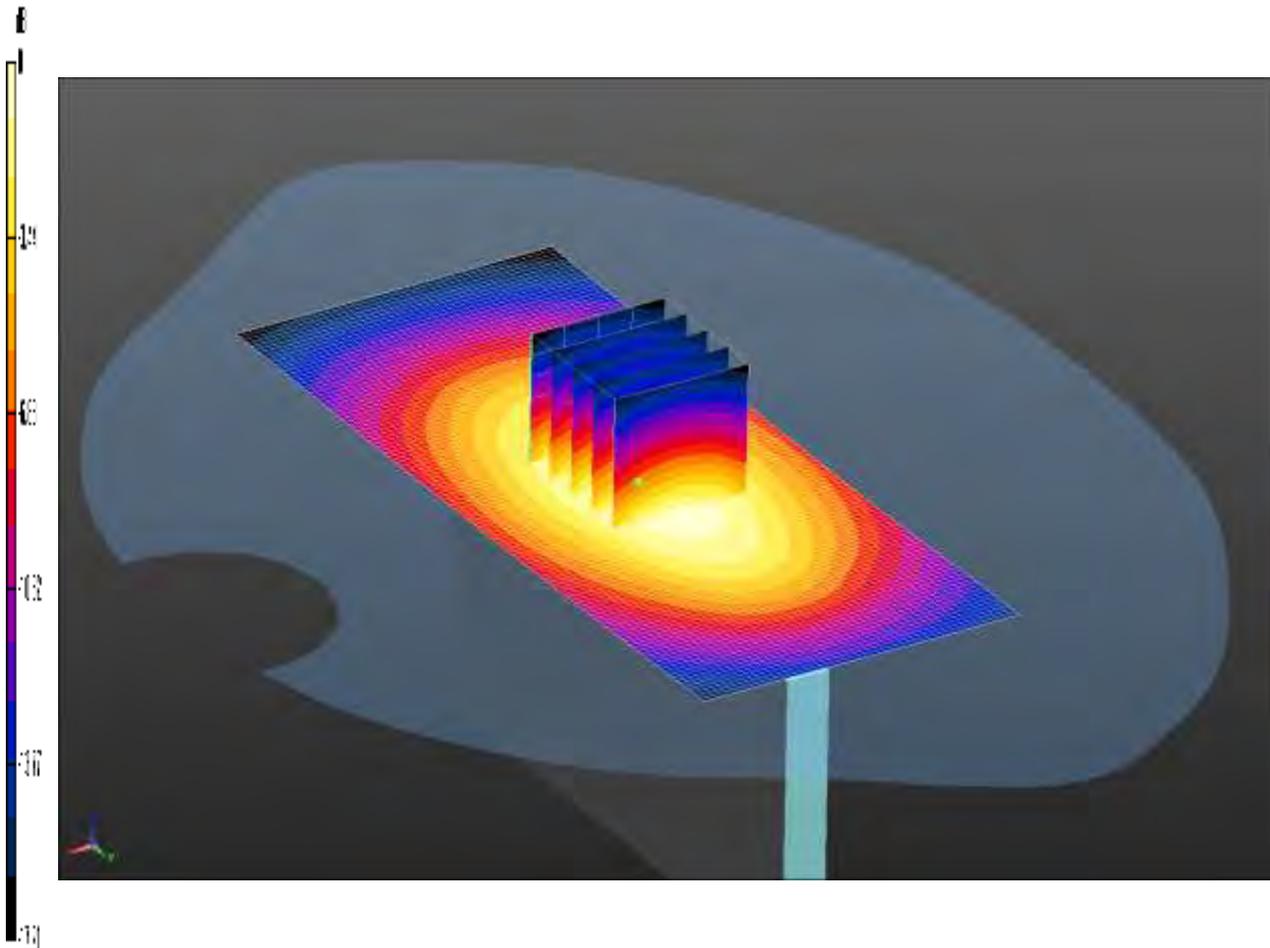
SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.414 W/kg

Maximum value of SAR (measured) = 0.639 W/kg

SCN/89439JD02/107: Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB 16-QAM
CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.415 W/kg = -3.82 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.415 W/kg

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

Reference Value = 21.152 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.518 W/kg

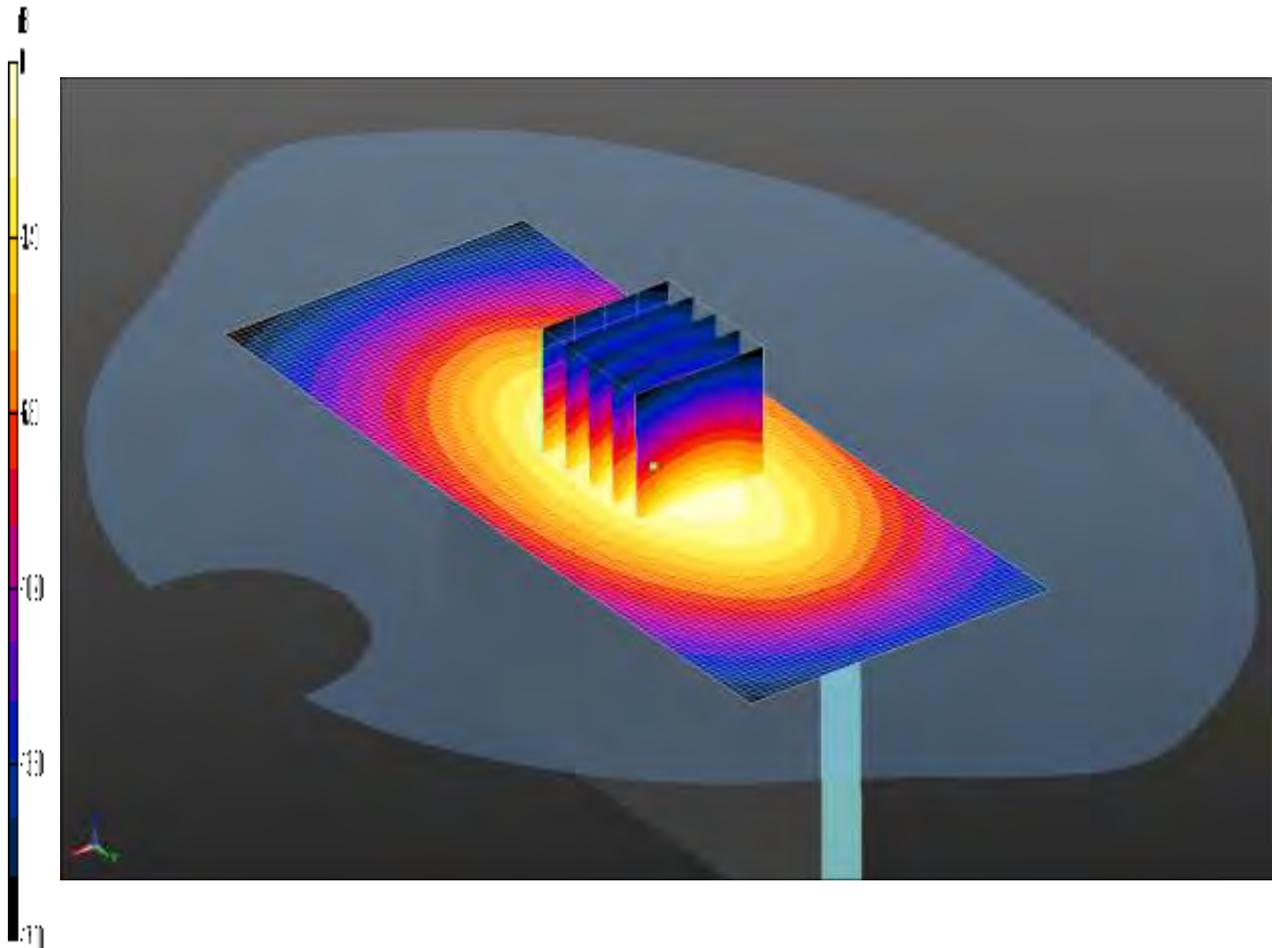
SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.260 W/kg

Maximum value of SAR (measured) = 0.397 W/kg

SCN/89439JD02/108: Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End 16-QAM CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.576 W/kg = -2.40 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.576 W/kg

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

Reference Value = 25.105 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.720 W/kg

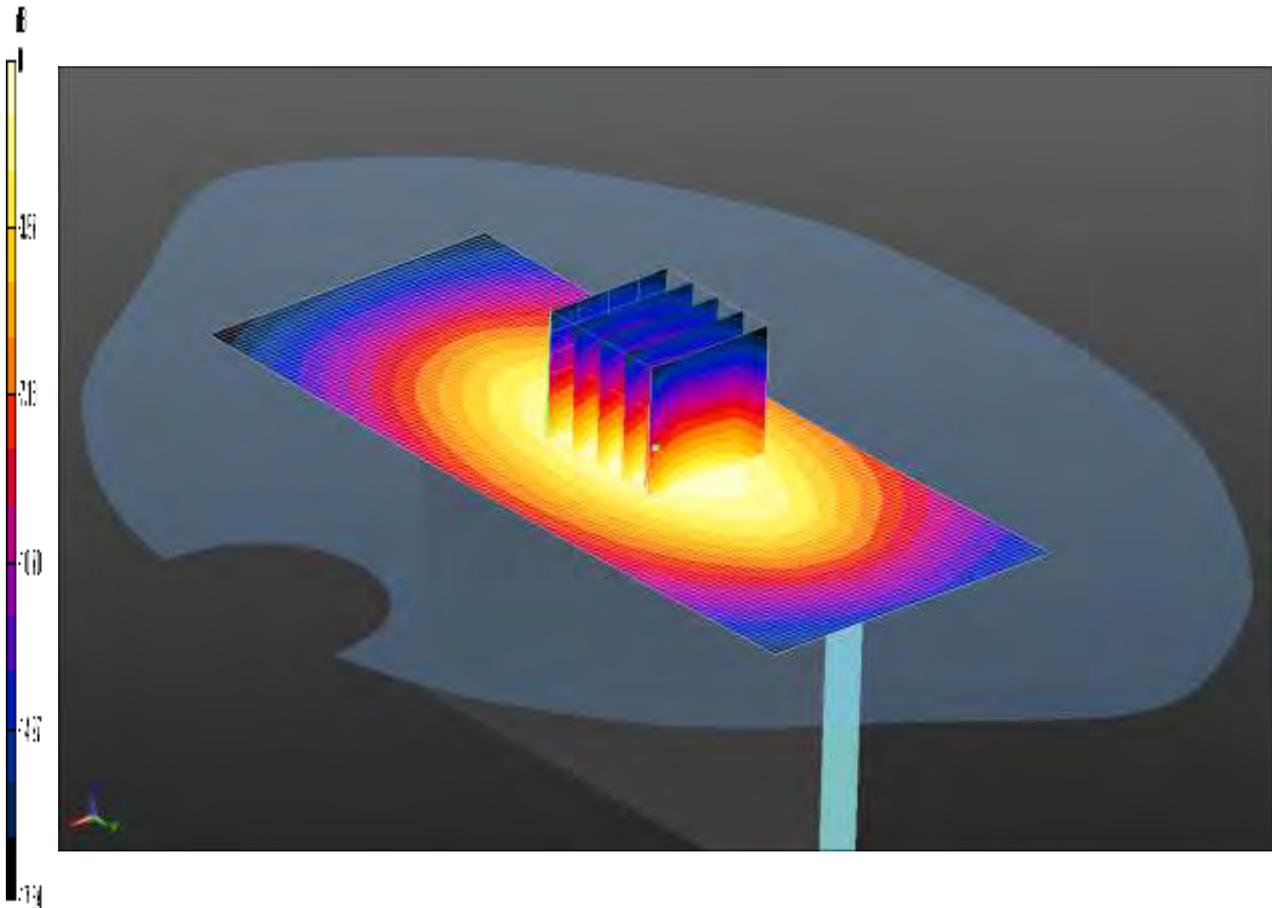
SAR(1 g) = 0.529 W/kg; SAR(10 g) = 0.368 W/kg

Maximum value of SAR (measured) = 0.571 W/kg

SCN/89439JD02/109: Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End 16-QAM CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.496 W/kg = -3.05 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD00P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.496 W/kg

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

Reference Value = 23.690 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.646 W/kg

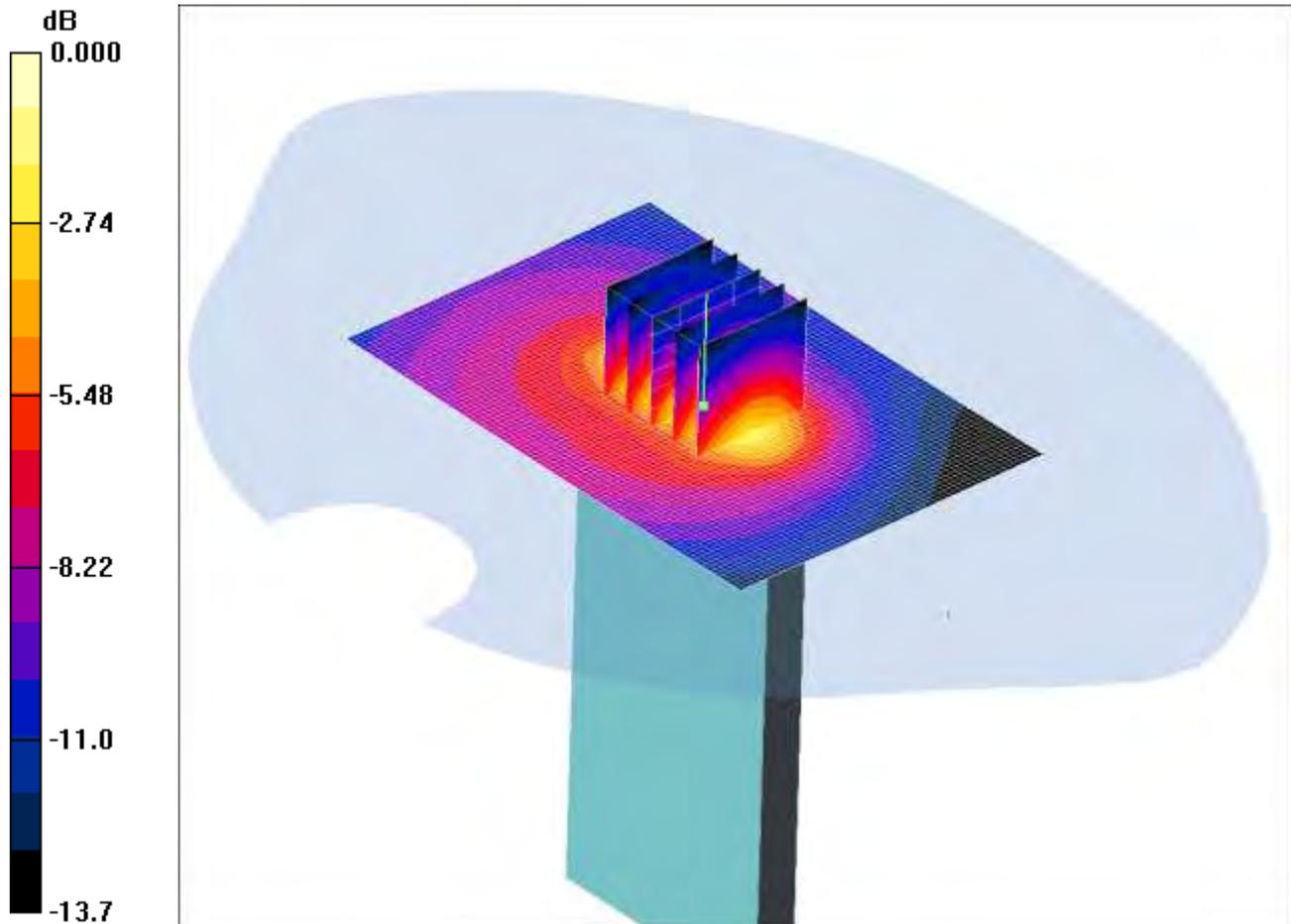
SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (measured) = 0.507 W/kg

SCN/89439JD02/110: Bottom of EUT Facing Phantom LTE Band 5 10 MHz BW 50% RB QPSK CH20525

Date: 15/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



Communication System: LTE - Band 5 / 10MHz Channel; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Bottom of EUT Facing Phantom - Middle/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 13.6 V/m; Power Drift = -0.126 dB

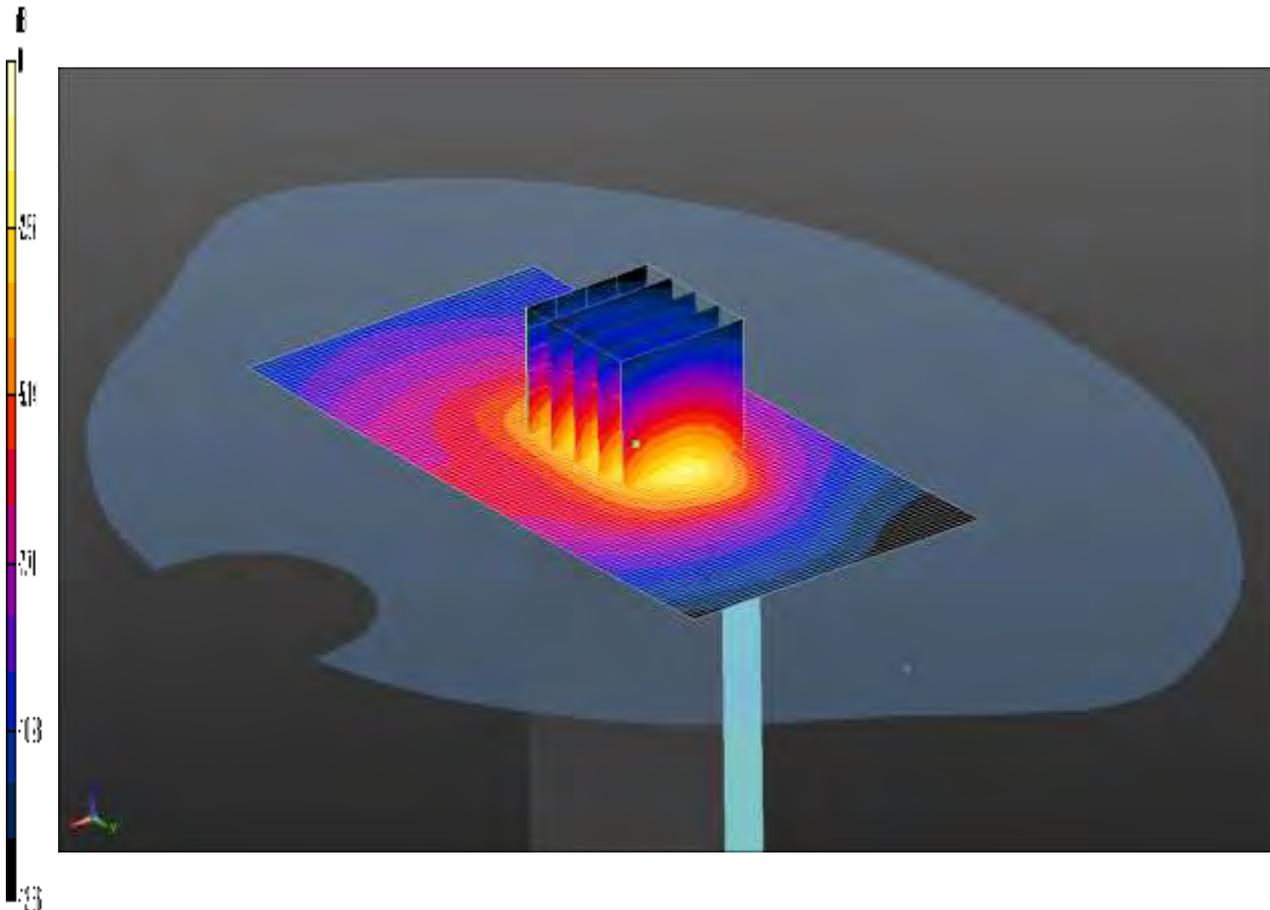
Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.180 mW/g

SCN/89439JD02/111: Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End QPSK CH20525
Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.186 W/kg = -7.30 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Bottom of EUT Facing Phantom/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.186 W/kg

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

Reference Value = 14.742 V/m; Power Drift = 0.19 dB

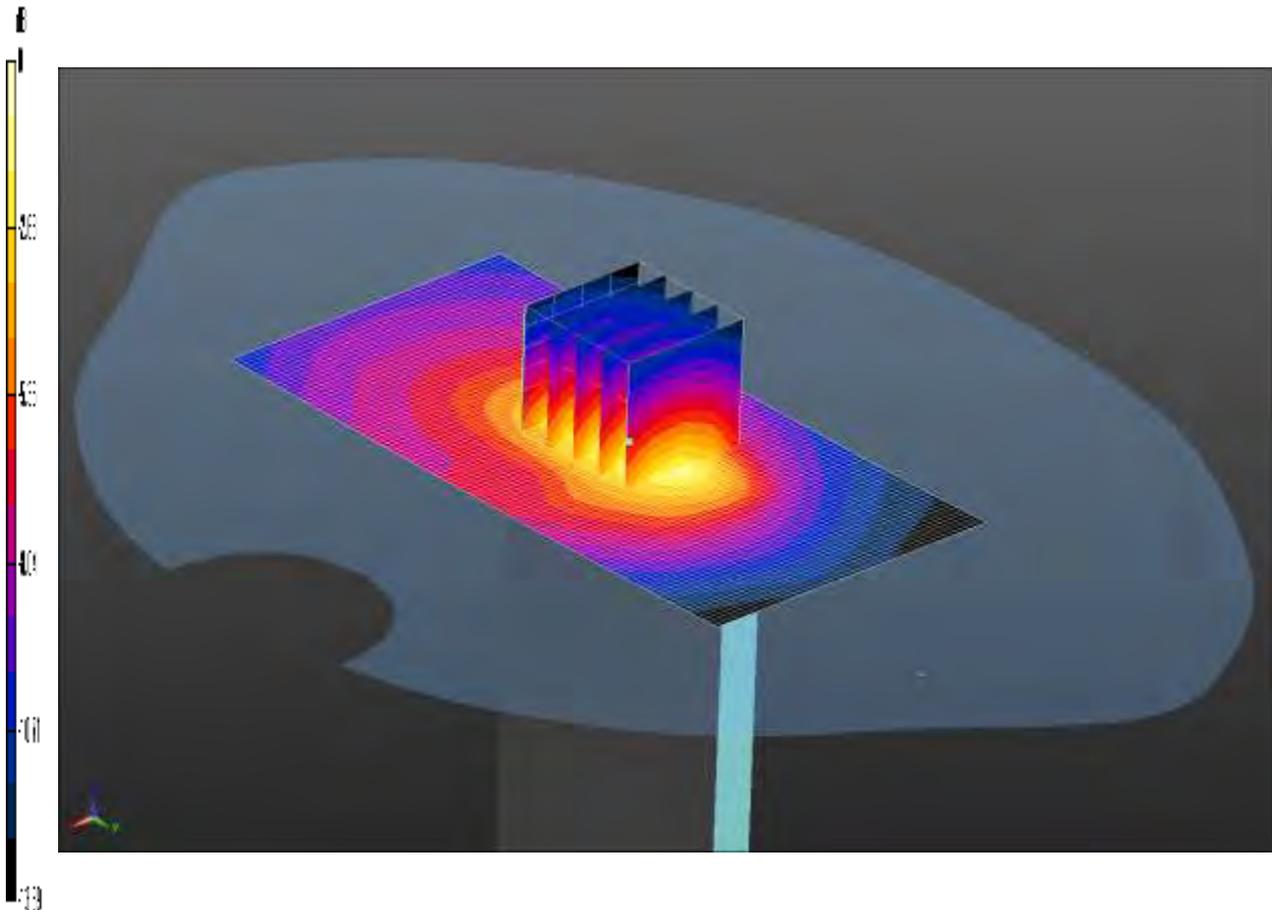
Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.200 W/kg

SCN/89439JD02/112: Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20525
Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.181 W/kg = -7.43 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Bottom of EUT Facing Phantom/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.181 W/kg

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

Reference Value = 15.020 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.342 W/kg

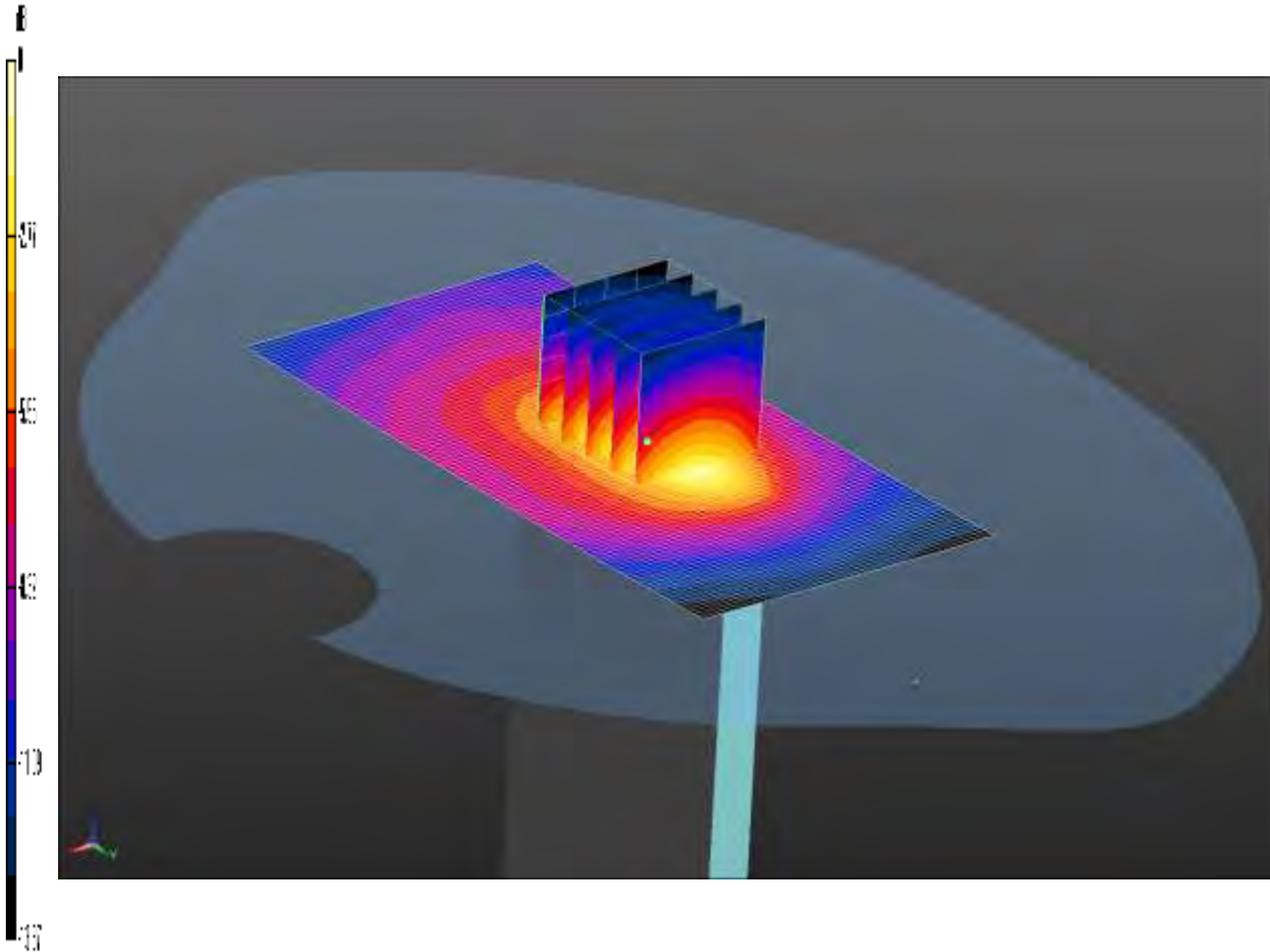
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.094 W/kg

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

SCN/89439JD02/113 Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB 16-QAM CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.109 W/kg = -9.63 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Bottom of EUT Facing Phantom/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.109 W/kg

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

Reference Value = 11.180 V/m; Power Drift = -0.16 dB

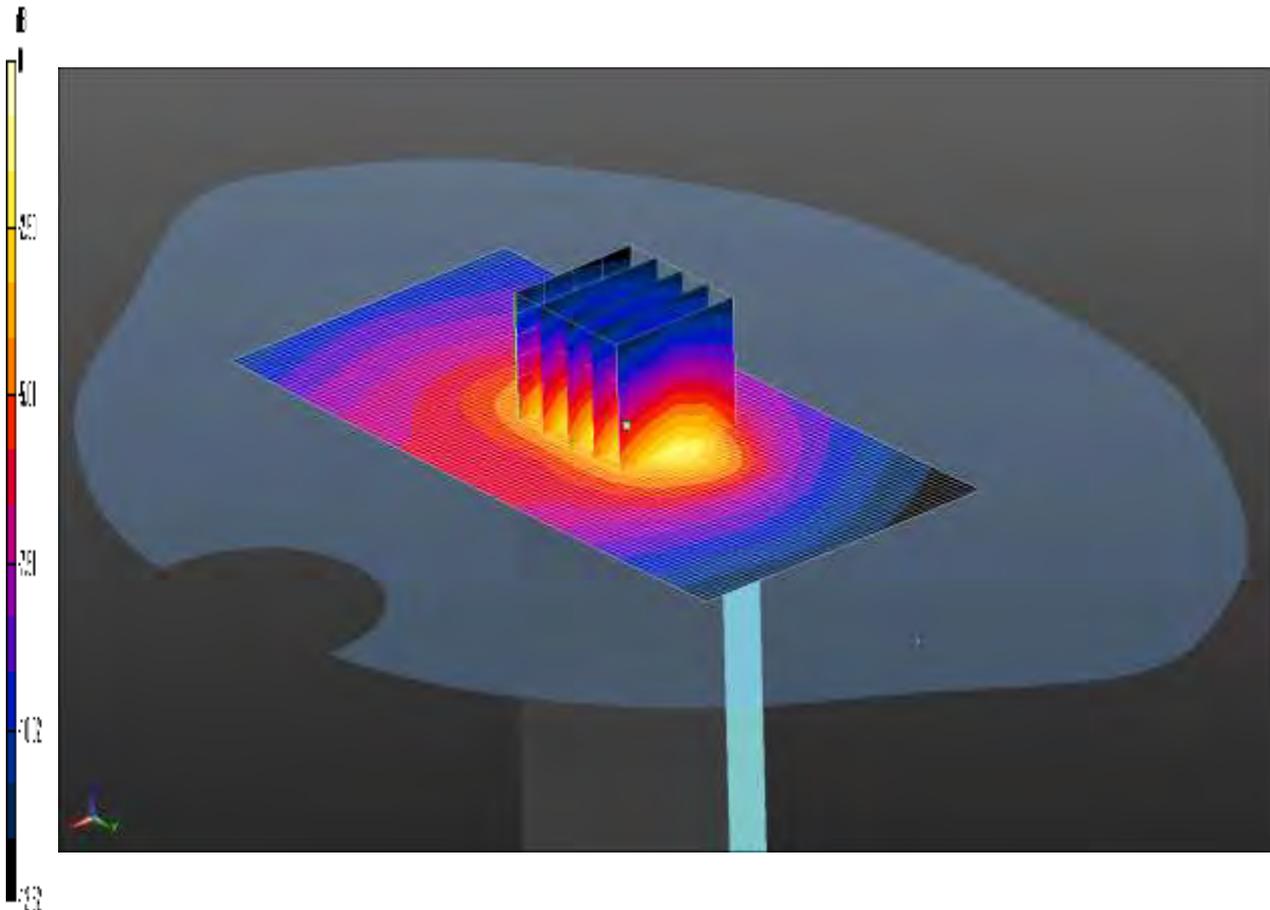
Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.053 W/kg

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

SCN/89439JD02/114: Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End QPSK CH20525
Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.144 W/kg = -8.42 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Bottom of EUT Facing Phantom/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.144 W/kg

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

Reference Value = 13.036 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.270 W/kg

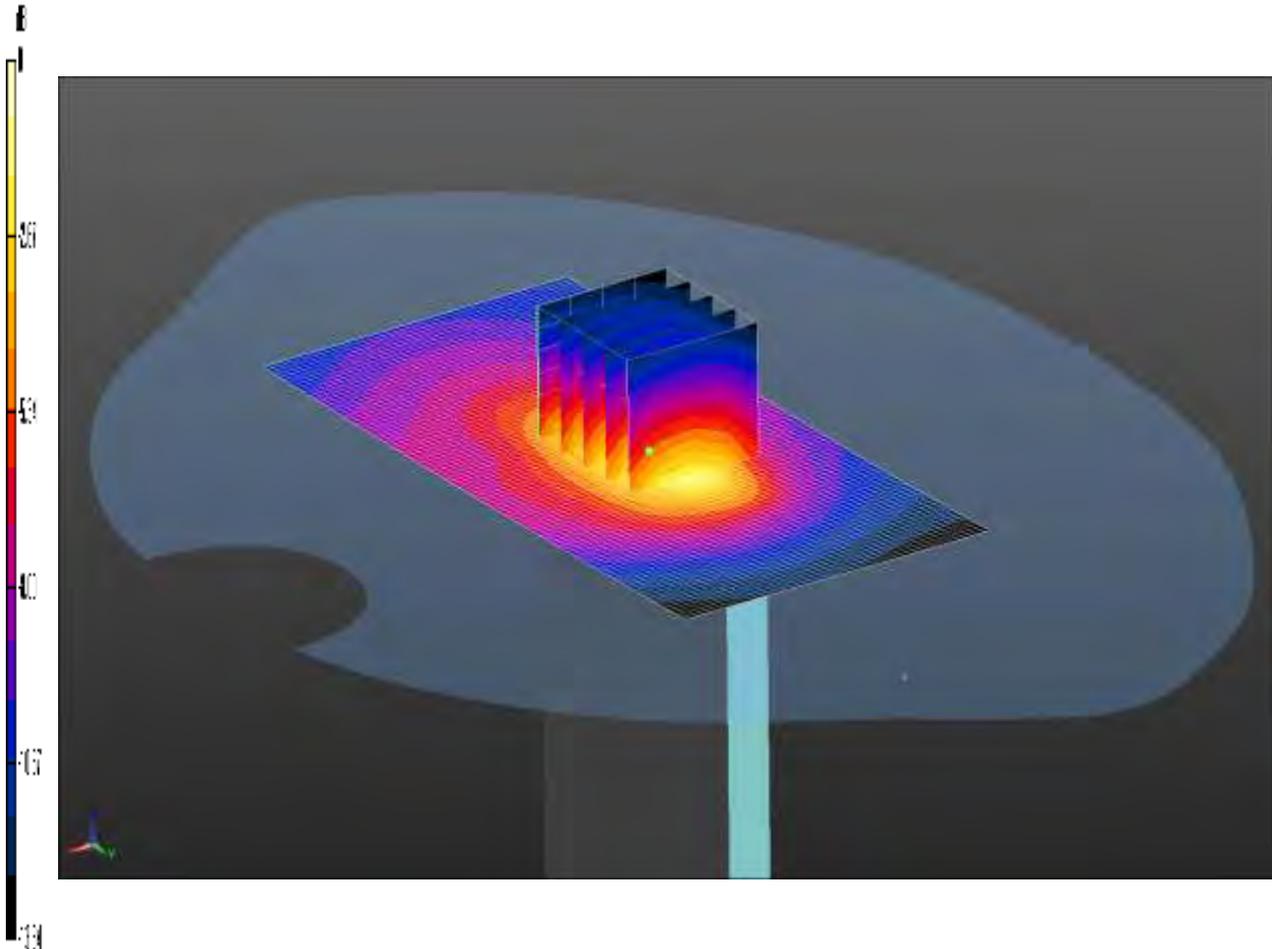
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.156 W/kg

SCN/89439JD02/115: Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.152 W/kg = -8.19 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Bottom of EUT Facing Phantom/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.152 W/kg

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

Reference Value = 13.184 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.273 W/kg

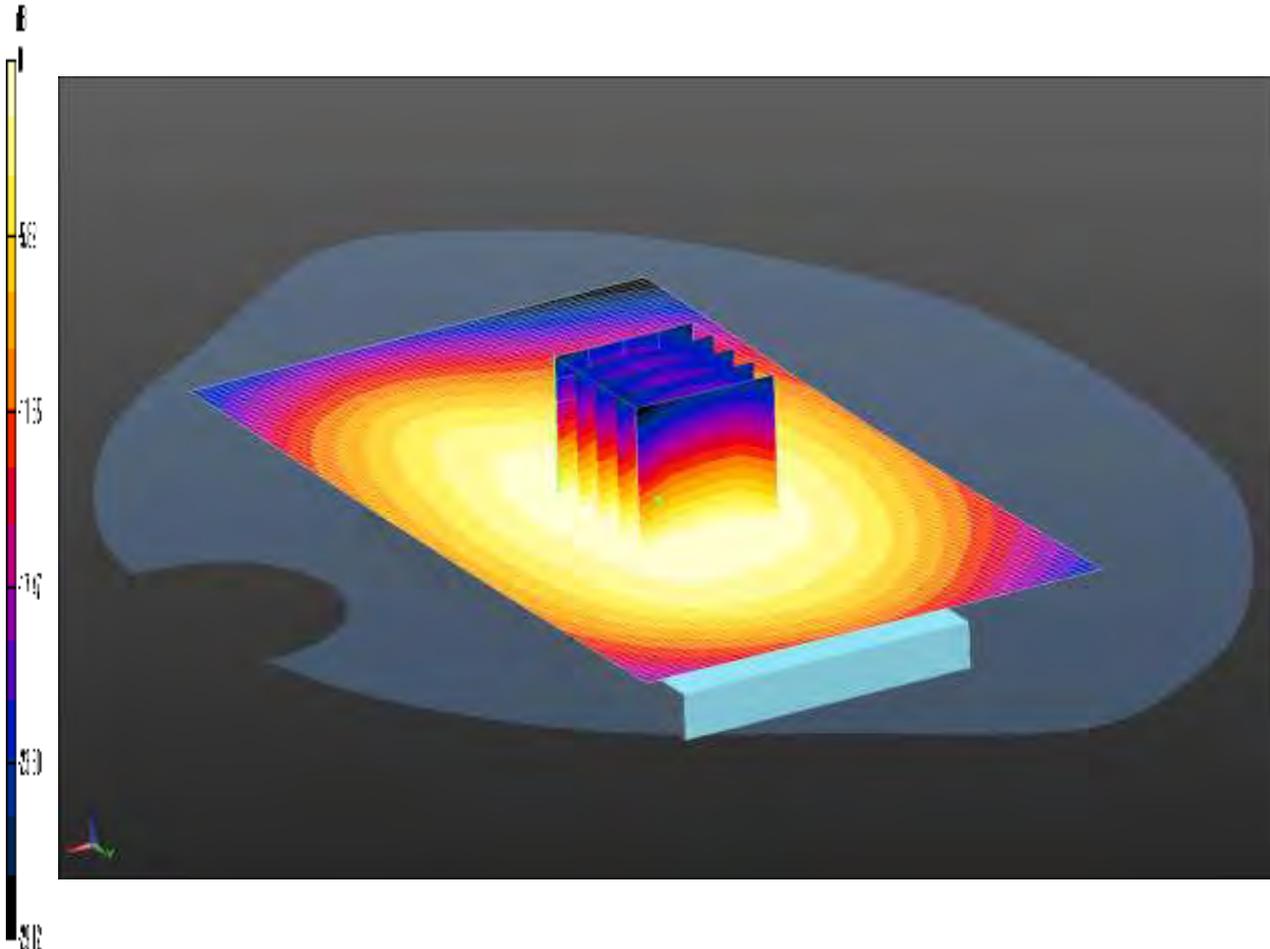
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.156 W/kg

SCN/89439JD02/116: Front of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB Low End QPSK CH20450

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.925 W/kg = -0.34 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.218$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.925 W/kg

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

Reference Value = 31.965 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.03 W/kg

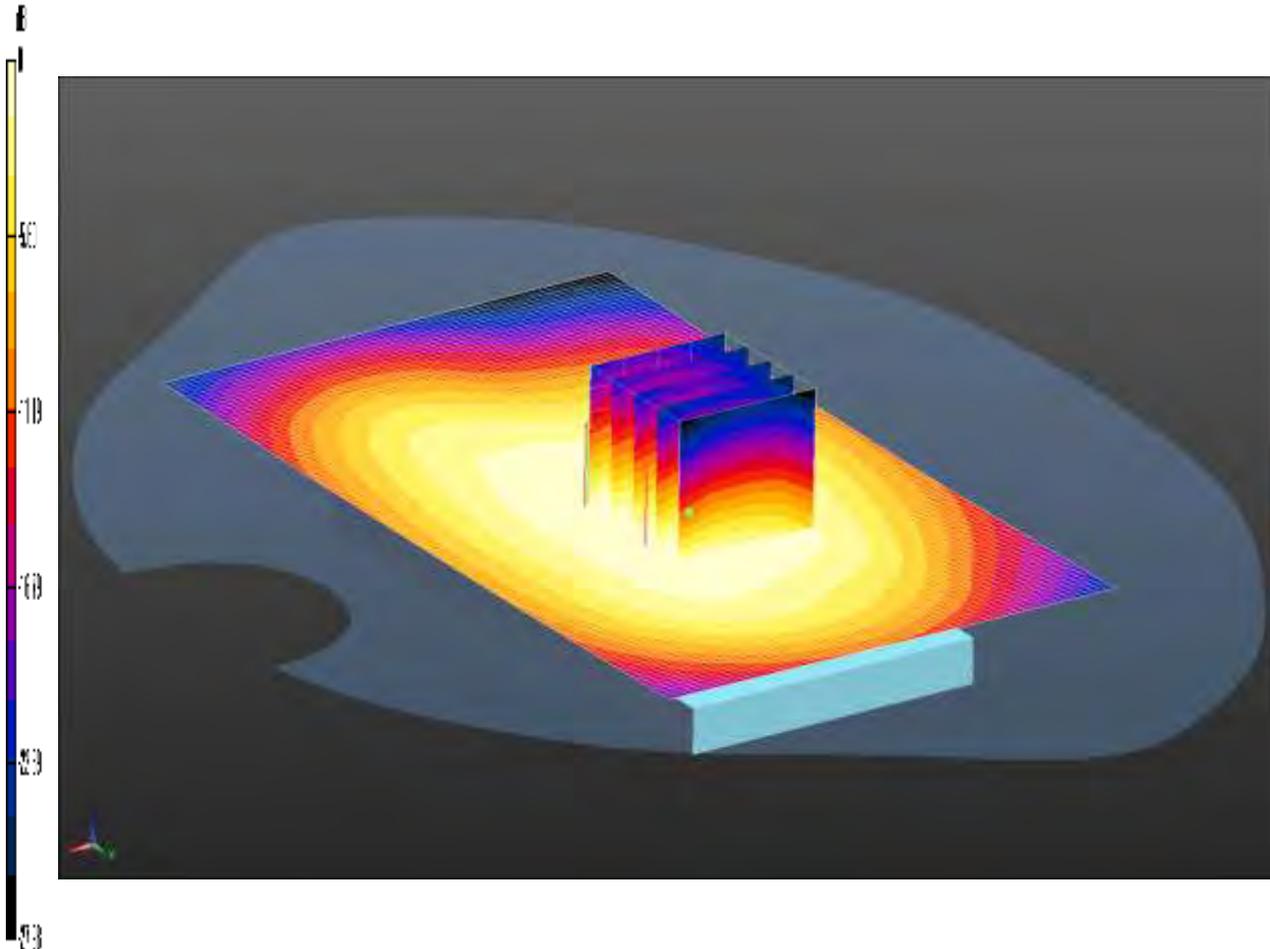
SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.668 W/kg

Maximum value of SAR (measured) = 0.895 W/kg

SCN/89439JD02/117: Front of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20600

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.812 W/kg = -0.91 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 844 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 56.166$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.812 W/kg

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

Reference Value = 29.866 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.934 W/kg

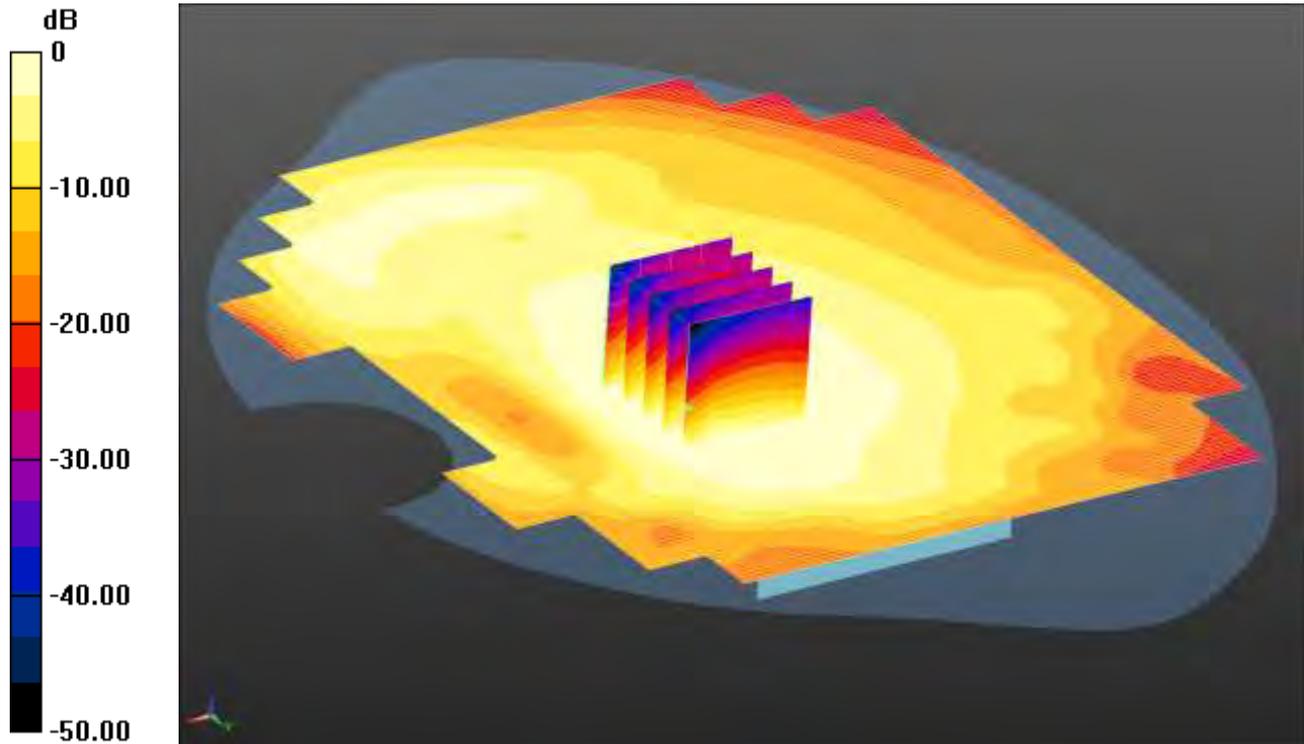
SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.611 W/kg

Maximum value of SAR (measured) = 0.812 W/kg

SCN/89439JD02/118: Front of EUT Facing Phantom at 15mm With PHF LTE Band 5 10MHz BW 1 RB Low End QPSK CH20450

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.559 W/kg = -2.53 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.218$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Front of EUT Facing Phantom at 15mm with PHF/Area Scan (121x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.559 W/kg

Configuration/Front of EUT Facing Phantom at 15mm with PHF/Zoom Scan 2 2 2 (5x5x7)/Cube 0:

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

Reference Value = 23.815 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.655 W/kg

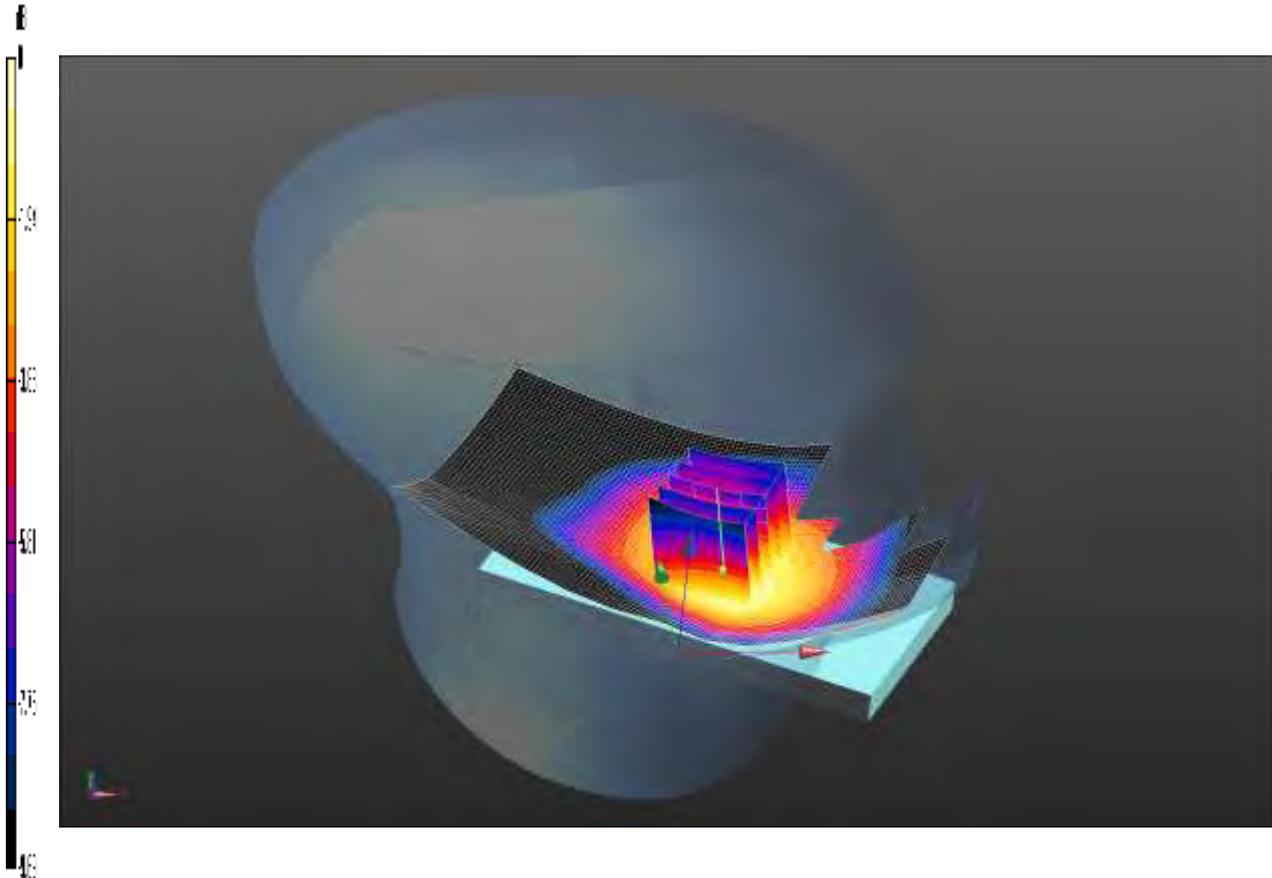
SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.415 W/kg

Maximum value of SAR (measured) = 0.559 W/kg

SCN/89439JD02/119: Touch Left LTE Band 5 1.4MHz BW 50% RB QPSK CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.810 W/kg = -0.92 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.777 W/kg

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

Reference Value = 8.985 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.984 W/kg

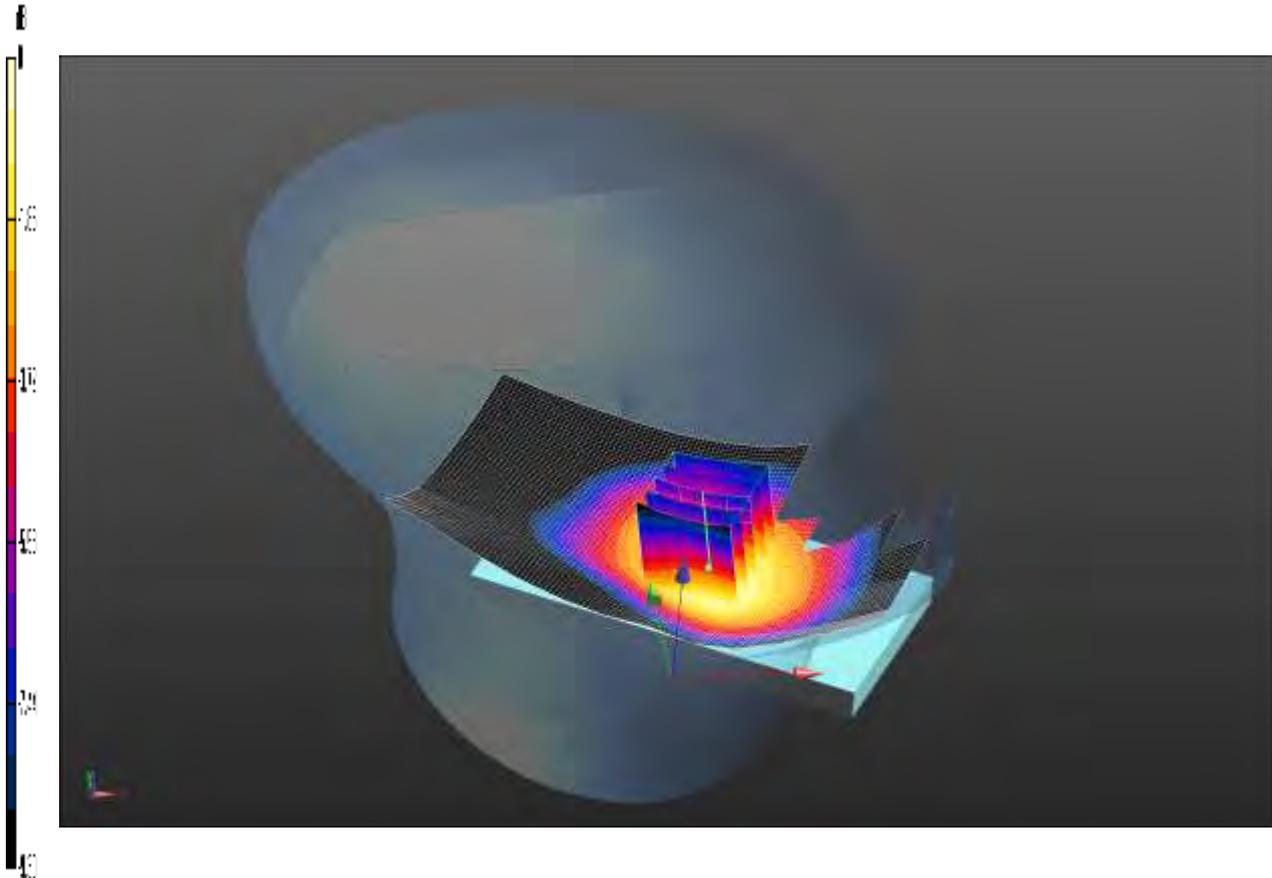
SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.554 W/kg

Maximum value of SAR (measured) = 0.810 W/kg

SCN/89439JD02/120: Touch Left LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.817 W/kg = -0.88 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.784 W/kg

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

Reference Value = 9.141 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.978 W/kg

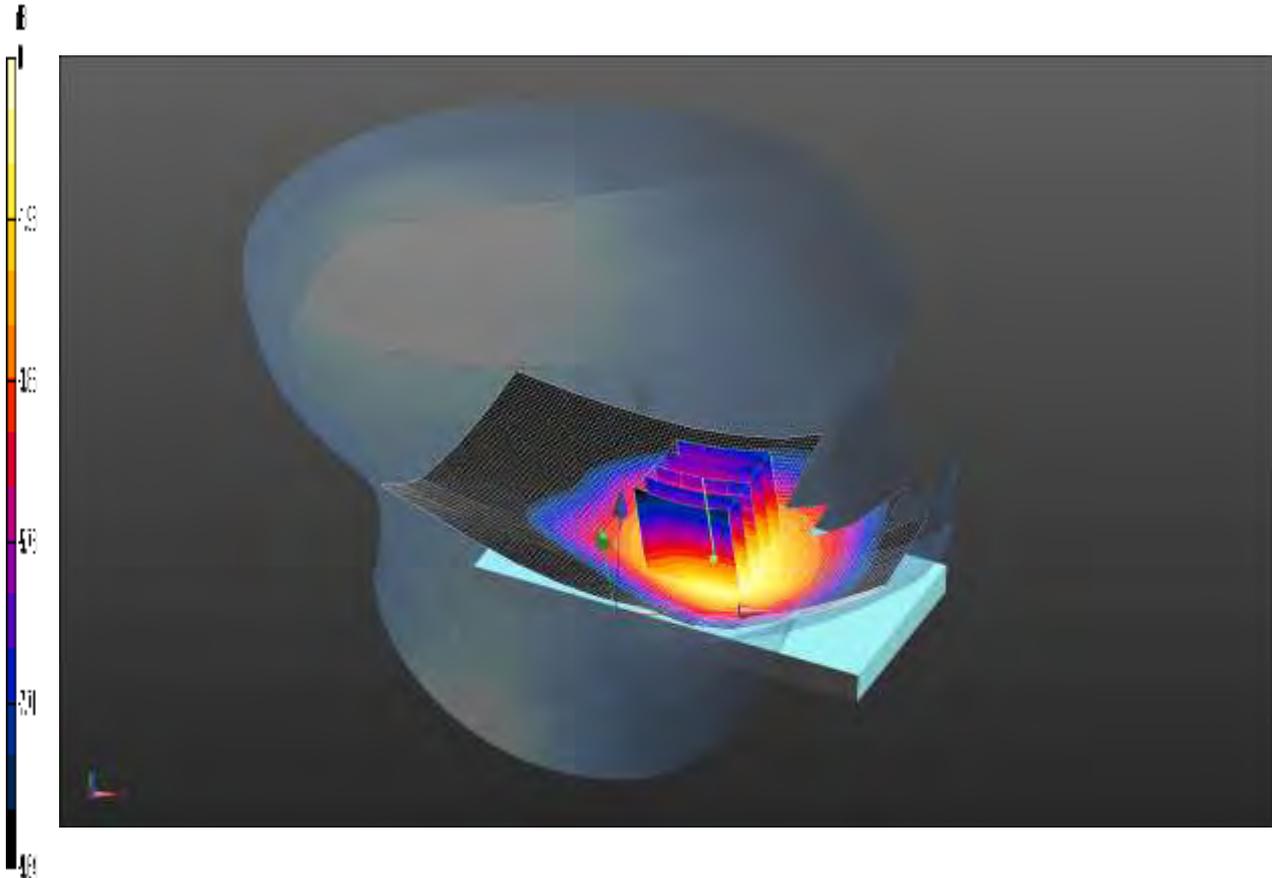
SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.560 W/kg

Maximum value of SAR (measured) = 0.817 W/kg

SCN/89439JD02/121: Touch Left LTE Band 5 1.4MHz BW 1 RB High End QPSK CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.800 W/kg = -0.97 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.777 W/kg

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

Reference Value = 9.087 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.962 W/kg

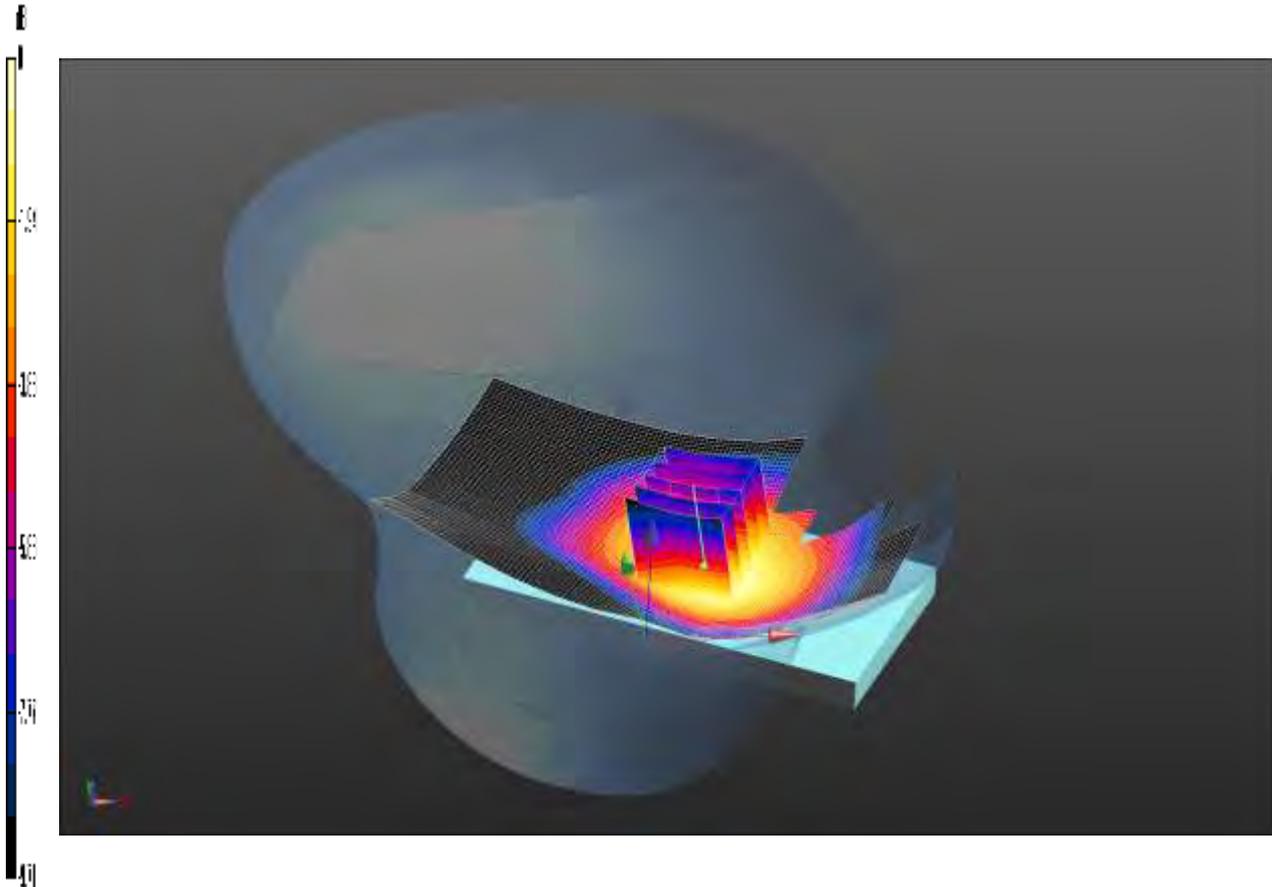
SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.547 W/kg

Maximum value of SAR (measured) = 0.800 W/kg

SCN/89439JD02/122: Touch Left LTE Band 5 1.4MHz BW 50% RB 16-QAM CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



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

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.631 W/kg

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

Reference Value = 8.023 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.783 W/kg

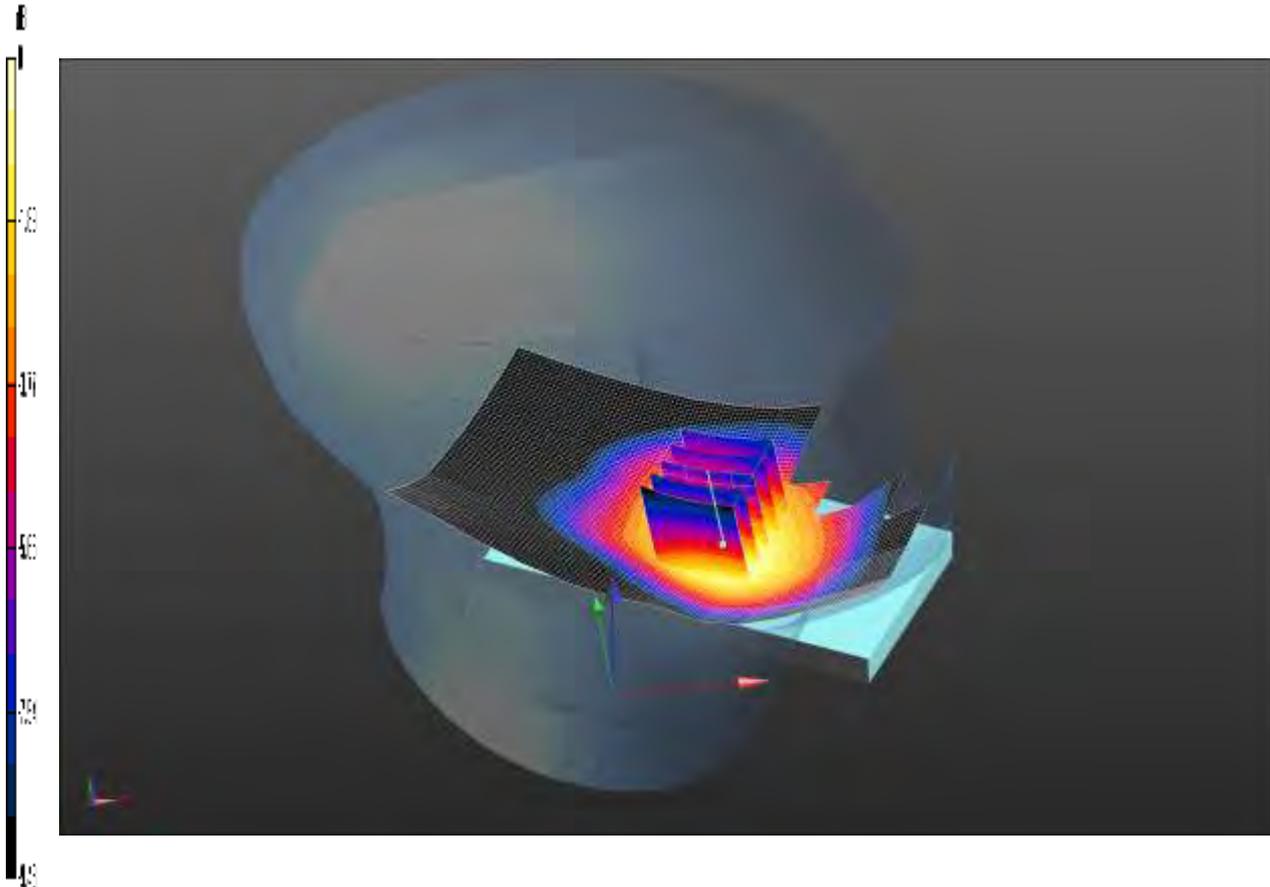
SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.433 W/kg

Maximum value of SAR (measured) = 0.635 W/kg

SCN/89439JD02/123: Touch Left LTE Band 5 1.4MHz BW 1 RB Low End 16-QAM CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.645 W/kg = -1.90 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.619 W/kg

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

Reference Value = 8.088 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.788 W/kg

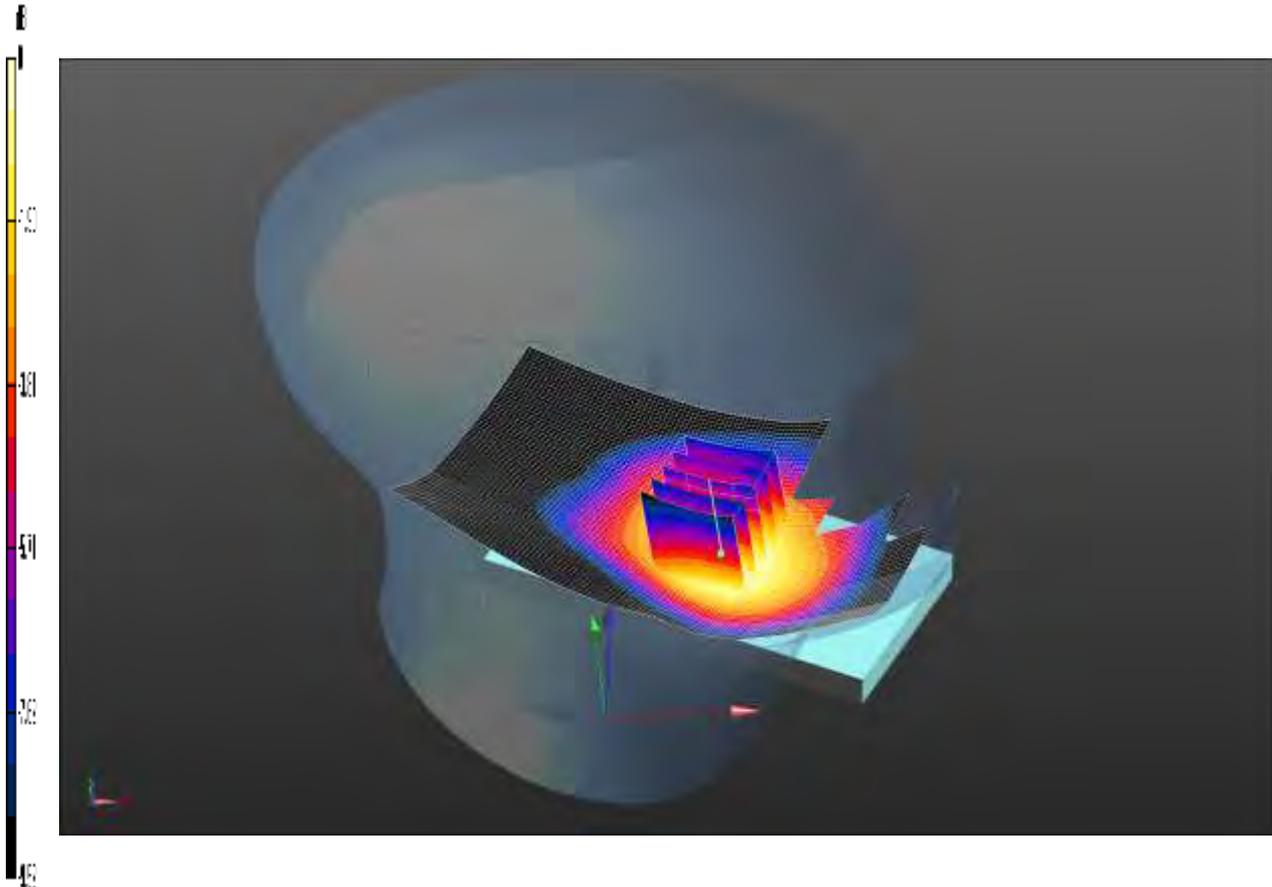
SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.438 W/kg

Maximum value of SAR (measured) = 0.645 W/kg

SCN/89439JD02/124: Touch Left LTE Band 5 1.4MHz BW 1 RB High End 16-QAM CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.628 W/kg = -2.02 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.628 W/kg

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

Reference Value = 8.116 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.755 W/kg

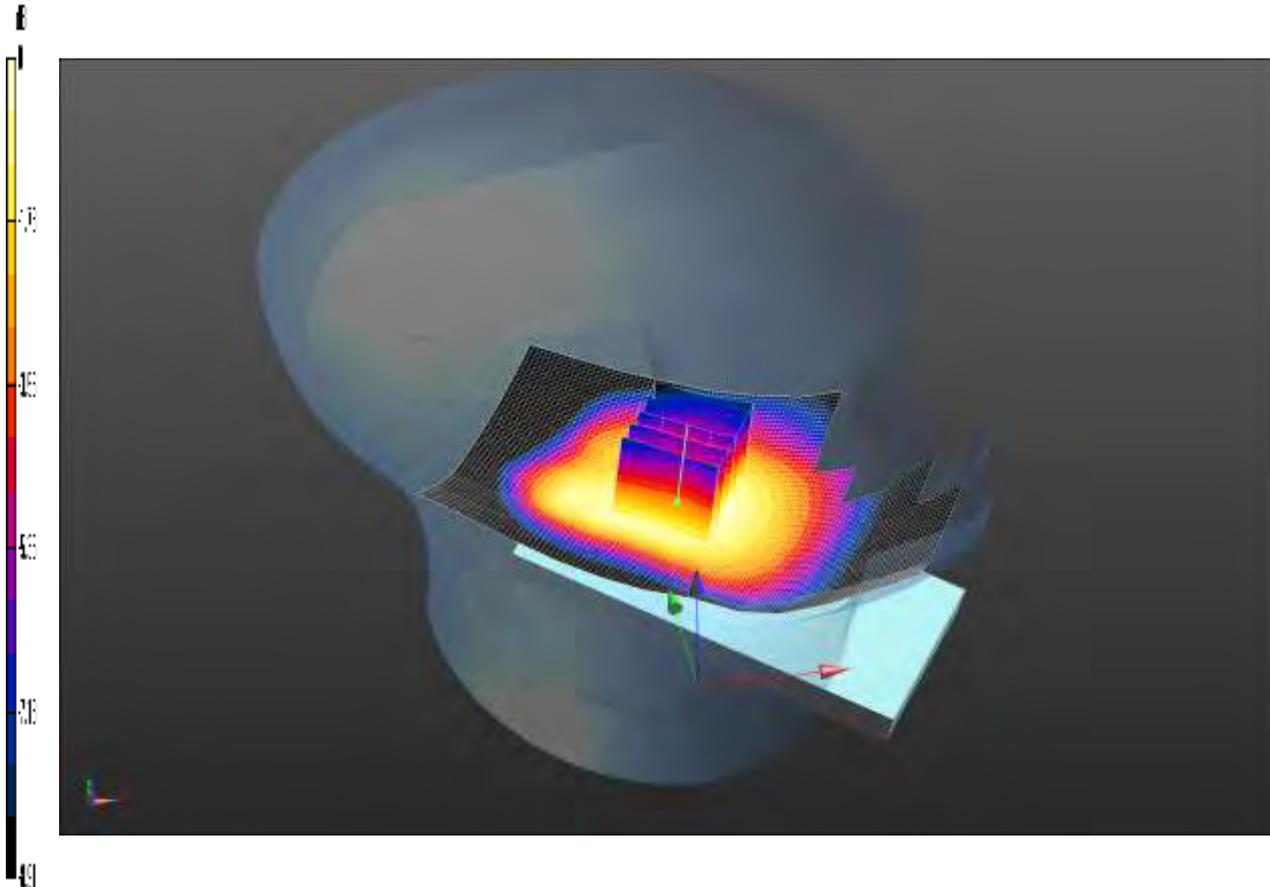
SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.436 W/kg

Maximum value of SAR (measured) = 0.628 W/kg

SCN/89439JD02/125: Tilt Left LTE Band 5 1.4MHz BW 50% RB QPSK CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



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

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.409 W/kg

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

Reference Value = 15.590 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.479 W/kg

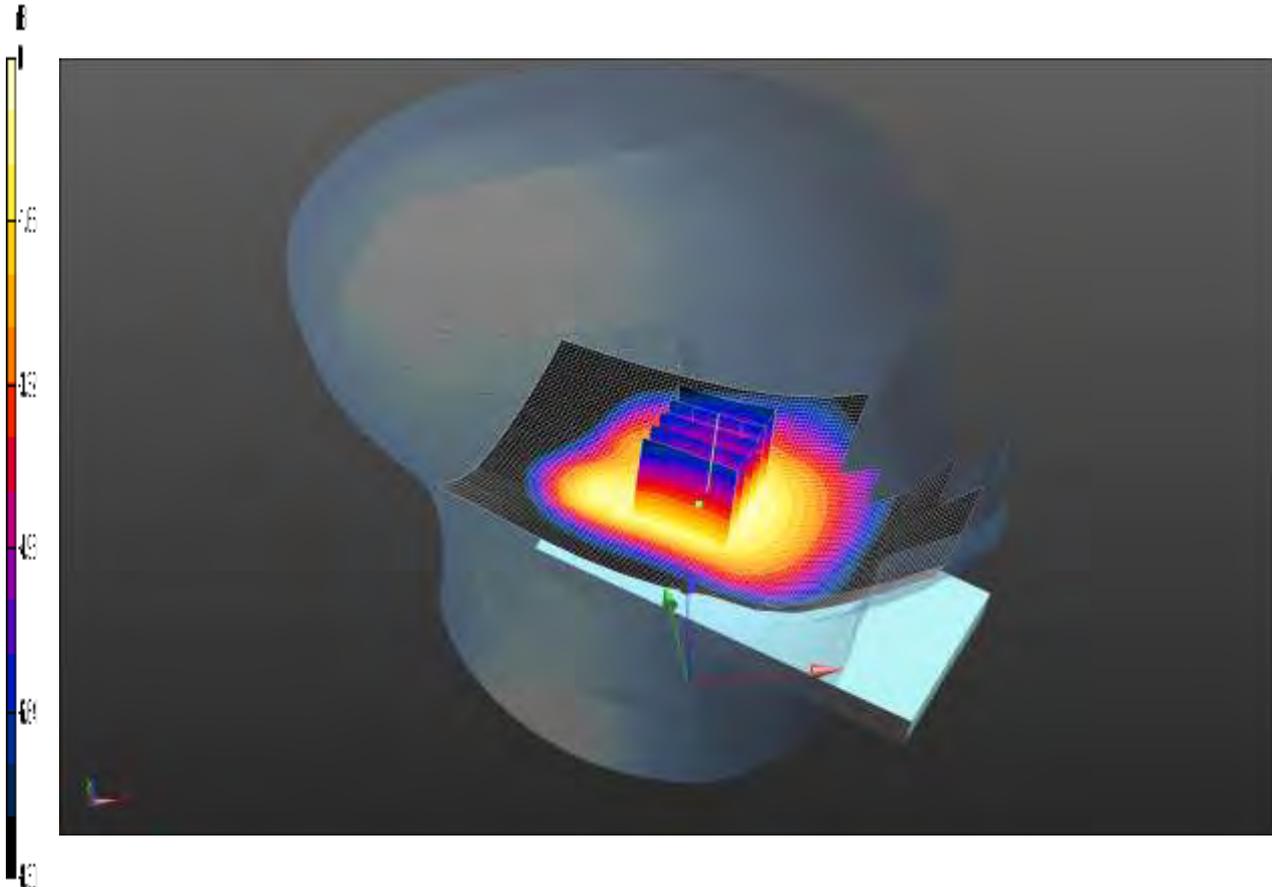
SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 0.404 W/kg

SCN/89439JD02/126: Tilt Left LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.399 W/kg = -3.99 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.402 W/kg

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

Reference Value = 15.348 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.469 W/kg

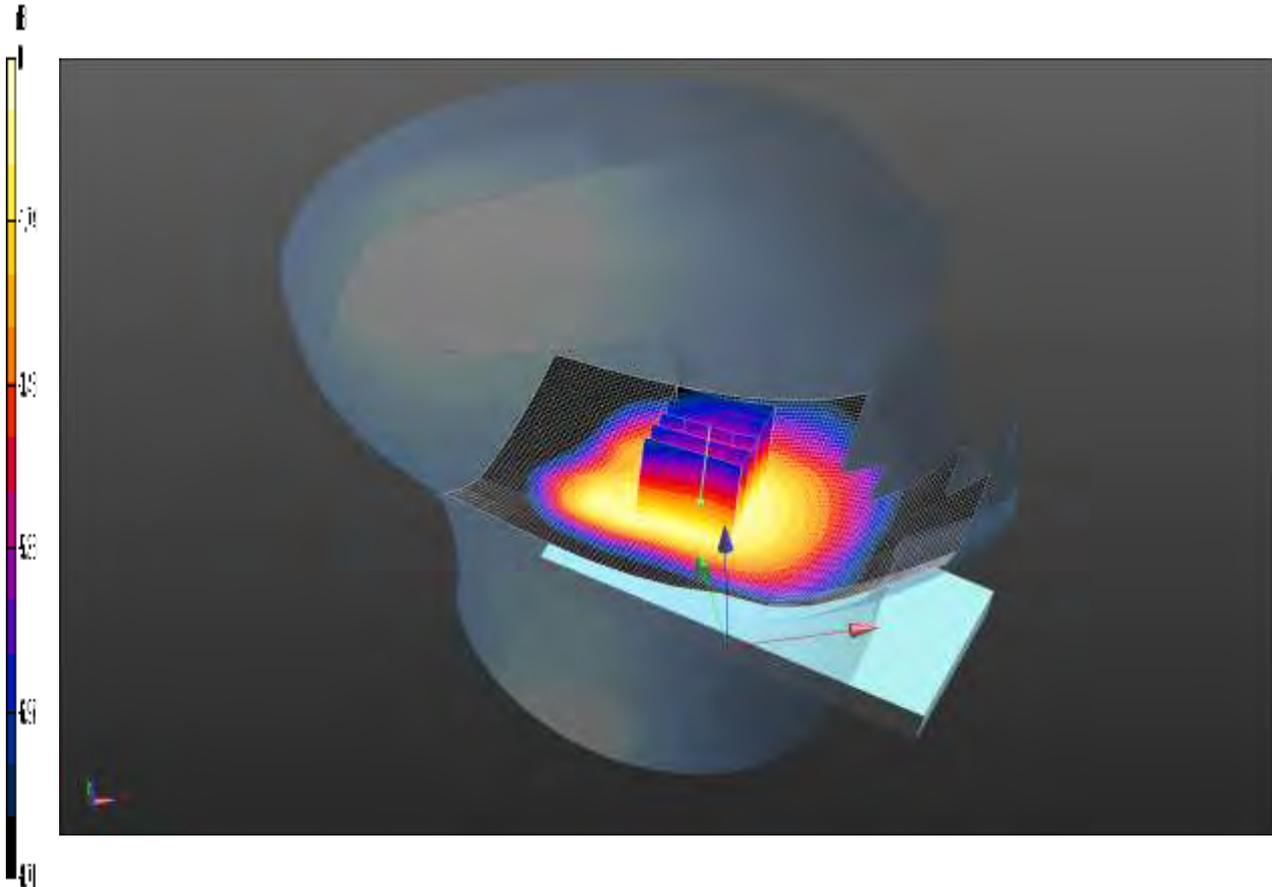
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.293 W/kg

Maximum value of SAR (measured) = 0.399 W/kg

SCN/89439JD02/127: Tilt Left LTE Band 5 1.4MHz BW 1 RB High End QPSK CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



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

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.385 W/kg

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

Reference Value = 15.159 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.453 W/kg

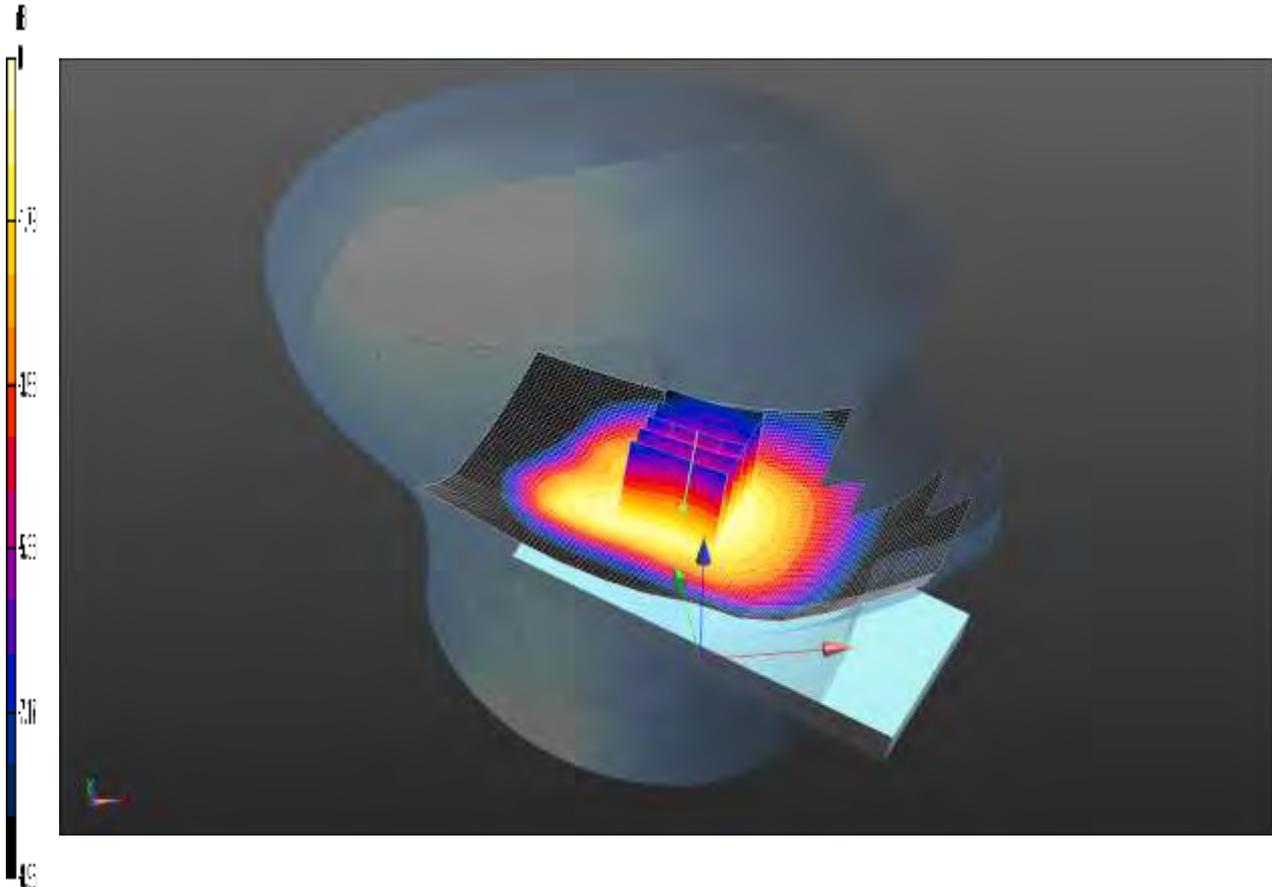
SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.289 W/kg

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

SCN/89439JD02/128: Tilt Left LTE Band 5 1.4MHz BW 50% RB 16-QAM CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.331 W/kg = -4.80 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

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

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

Reference Value = 13.744 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.381 W/kg

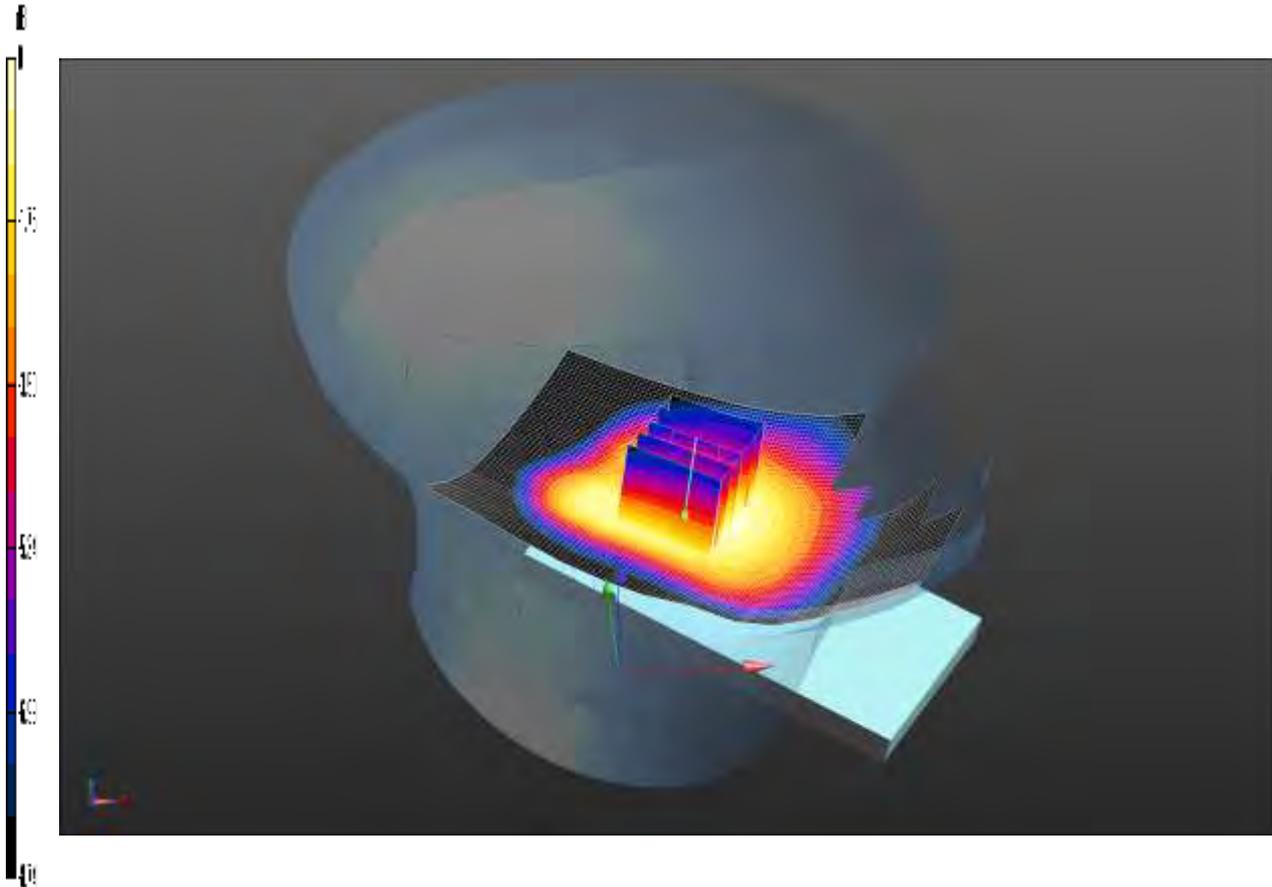
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.331 W/kg

SCN/89439JD02/129: Tilt Left LTE Band 5 1.4MHz BW 1 RB Low End 16-QAM CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.323 W/kg = -4.91 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.333 W/kg

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

Reference Value = 13.852 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.381 W/kg

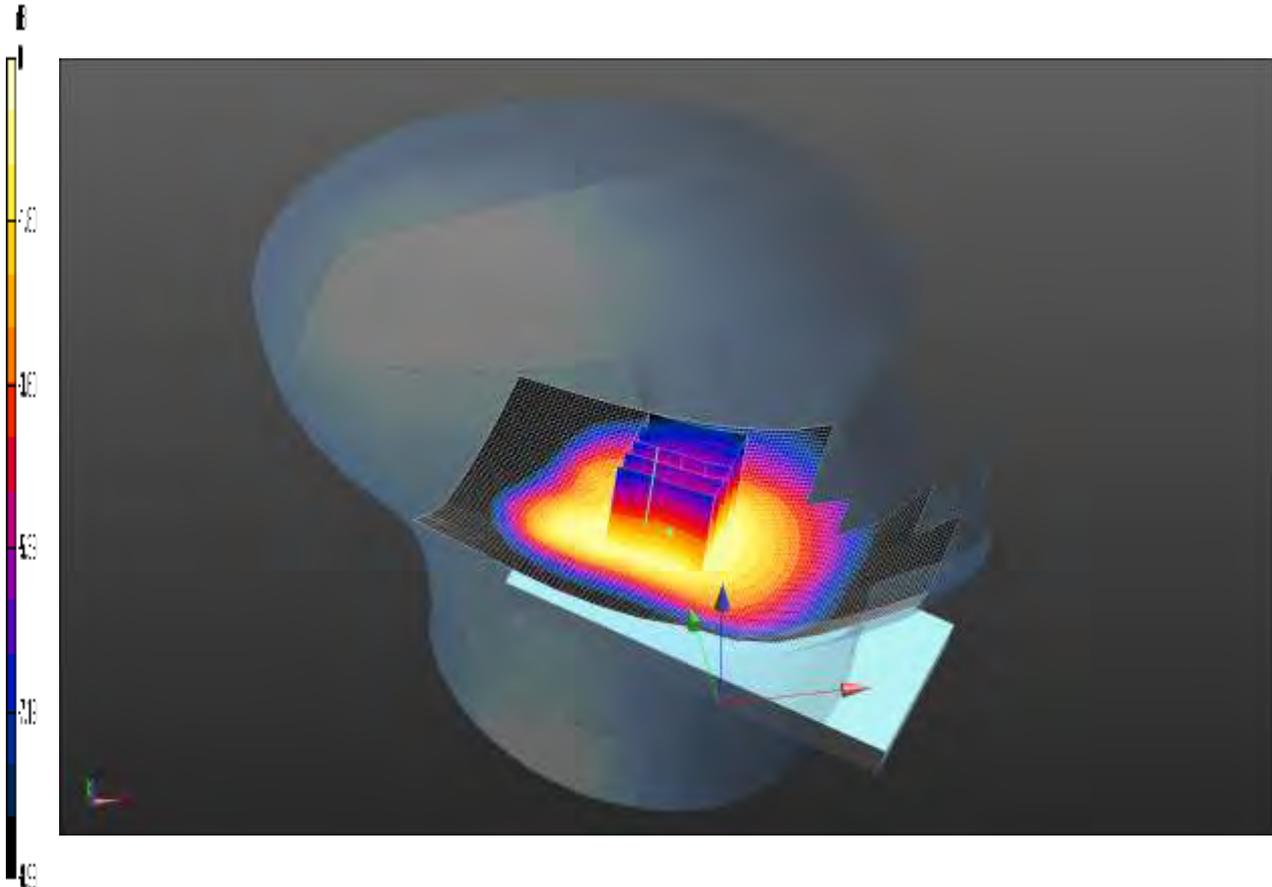
SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.237 W/kg

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

SCN/89439JD02/130: Tilt Left LTE Band 5 1.4MHz BW 1 RB High End 16-QAM CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.325 W/kg = -4.88 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.319 W/kg

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

Reference Value = 13.783 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.385 W/kg

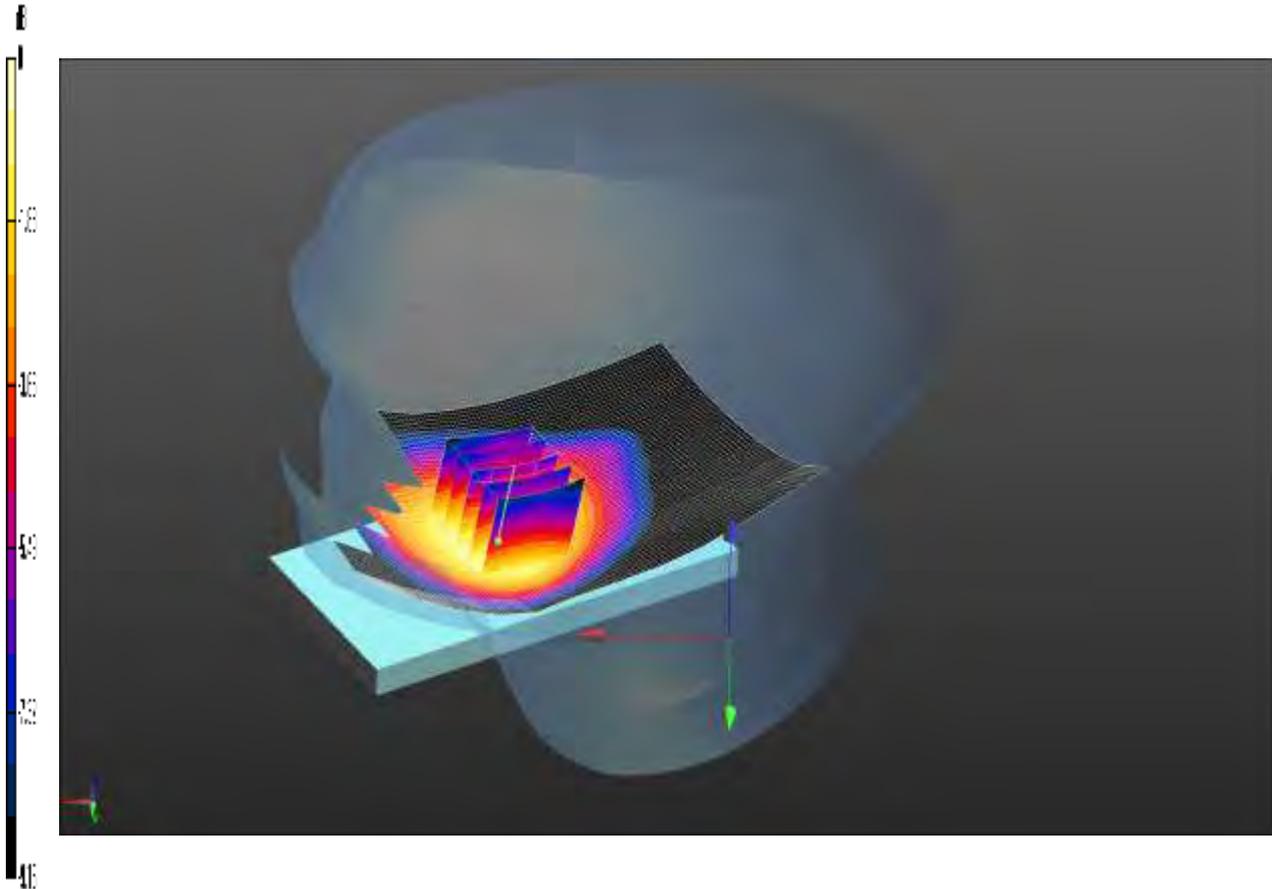
SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 0.325 W/kg

SCN/89439JD02/131: Touch Right LTE Band 5 1.4MHz BW 50% RB QPSK CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.900 W/kg = -0.46 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.901 W/kg

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

Reference Value = 10.640 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.04 W/kg

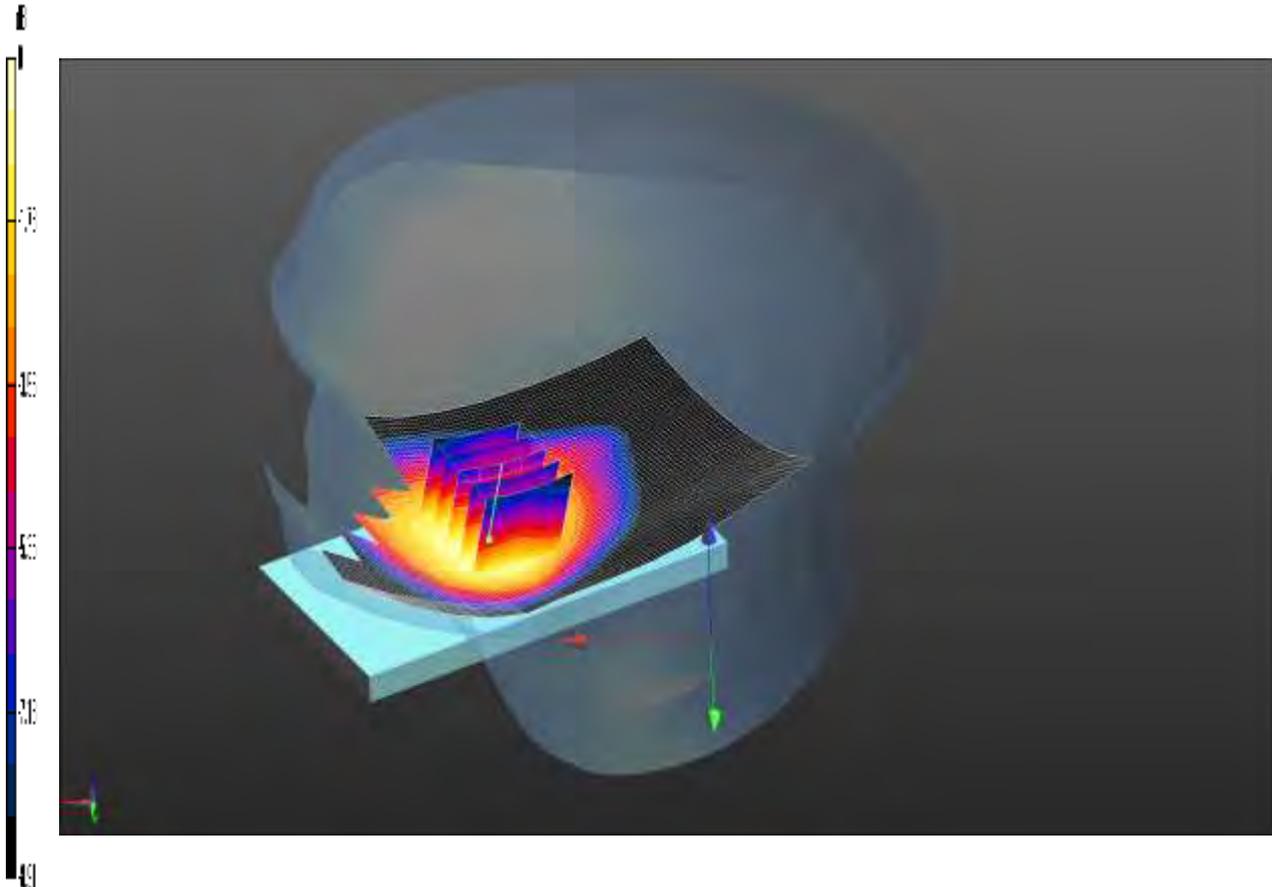
SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.644 W/kg

Maximum value of SAR (measured) = 0.900 W/kg

SCN/89439JD02/132: Touch Right LTE Band 5 1.4MHz BW 50% RB QPSK CH20407

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.903 W/kg = -0.44 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 42.923$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.916 W/kg

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

Reference Value = 10.889 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.08 W/kg

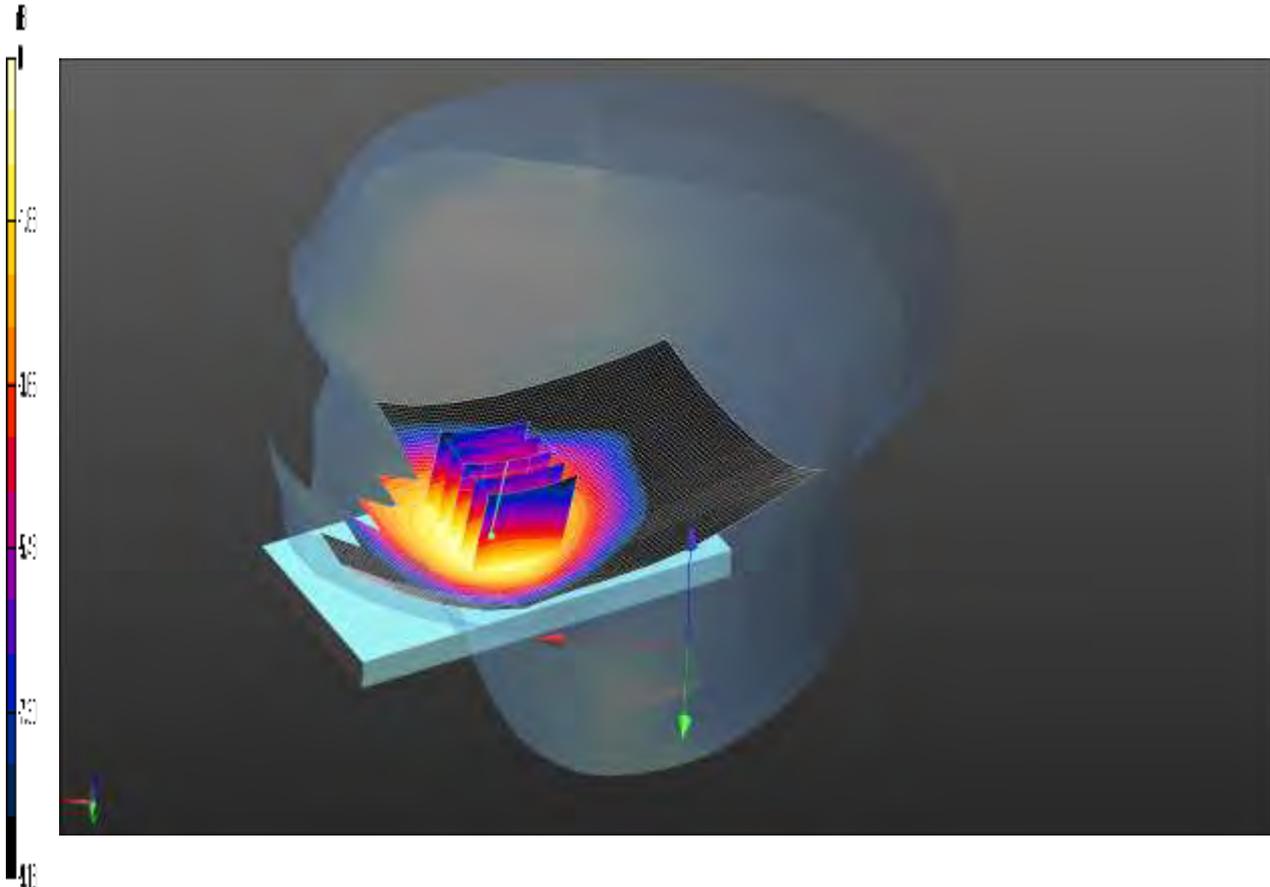
SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.650 W/kg

Maximum value of SAR (measured) = 0.903 W/kg

SCN/89439JD02/133: Touch Right LTE Band 5 1.4MHz BW 50% RB QPSK CH20643

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.930 W/kg = -0.32 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 848.3$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 42.718$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.928 W/kg

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

Reference Value = 9.932 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.09 W/kg

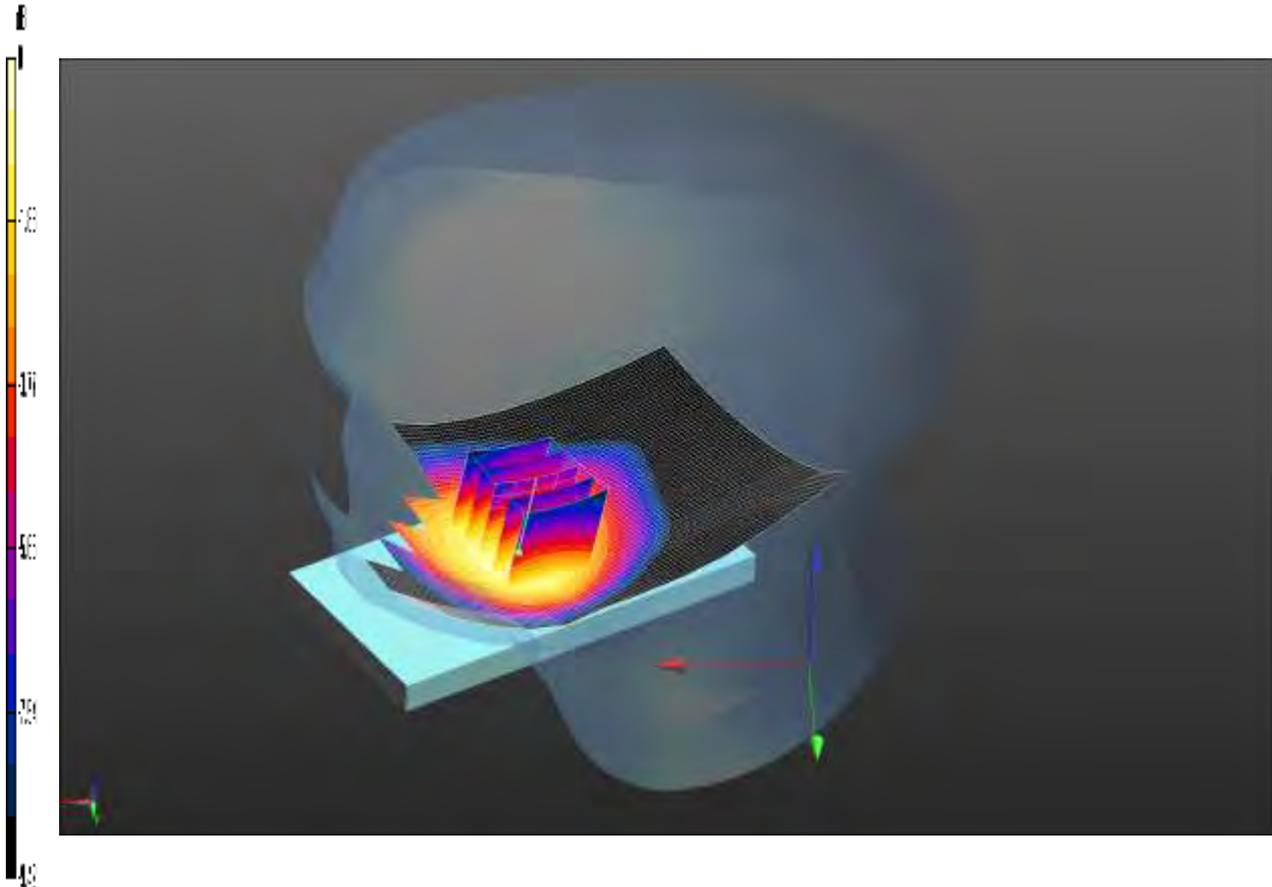
SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.668 W/kg

Maximum value of SAR (measured) = 0.930 W/kg

SCN/89439JD02/134: Touch Right LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20643

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.984 W/kg = -0.07 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 848.3$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 42.718$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.951 W/kg

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

Reference Value = 9.910 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.17 W/kg

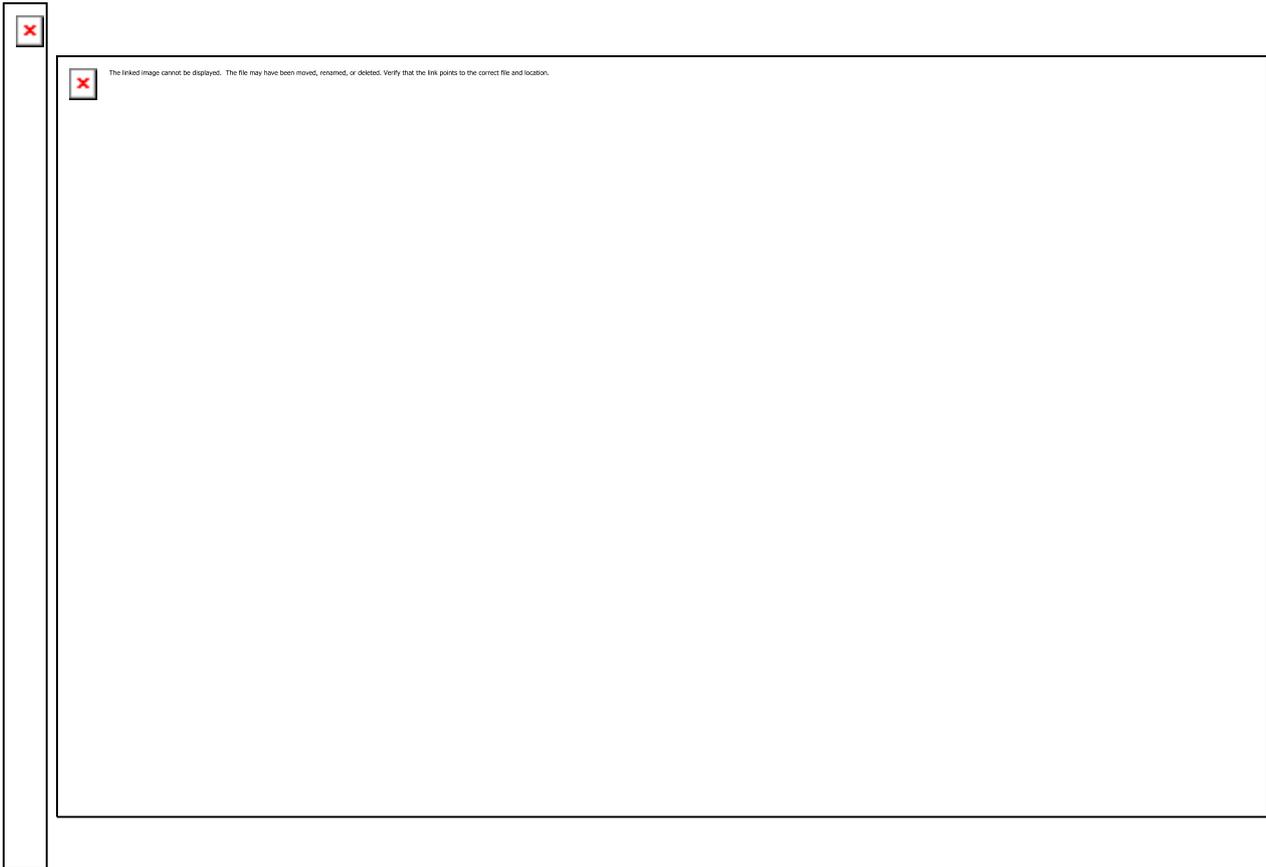
SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.687 W/kg

Maximum value of SAR (measured) = 0.984 W/kg

SCN/89439JD02/135: Touch Right LTE Band 5 1.4MHz BW 1 RB High End QPSK CH20643

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.873 W/kg = -0.59 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 848.3$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 42.718$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.863 W/kg

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

Reference Value = 9.627 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.02 W/kg

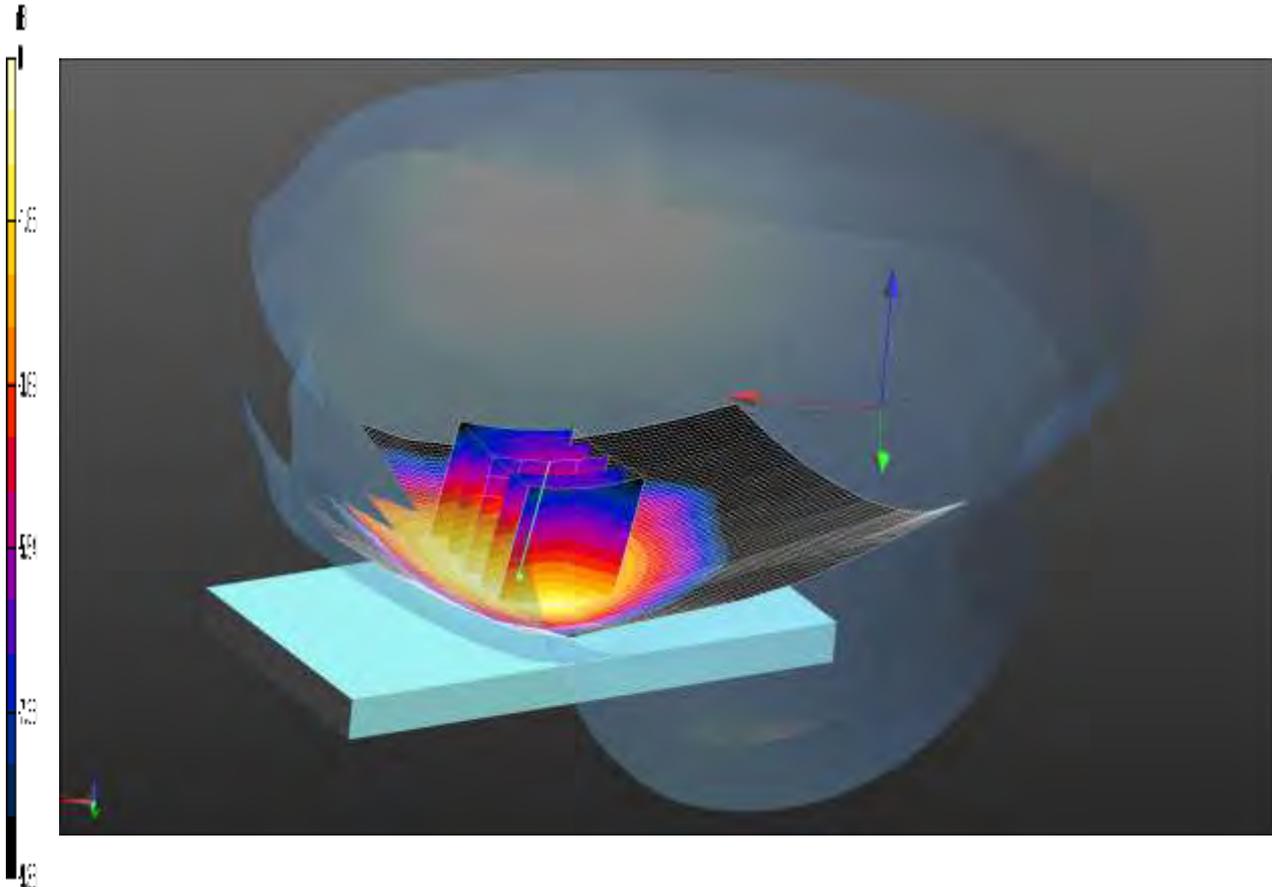
SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.616 W/kg

Maximum value of SAR (measured) = 0.873 W/kg

SCN/89439JD02/136: Touch Right LTE Band 5 1.4MHz BW 50% RB 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.694 W/kg = -1.59 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.704 W/kg

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

Reference Value = 9.091 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.831 W/kg

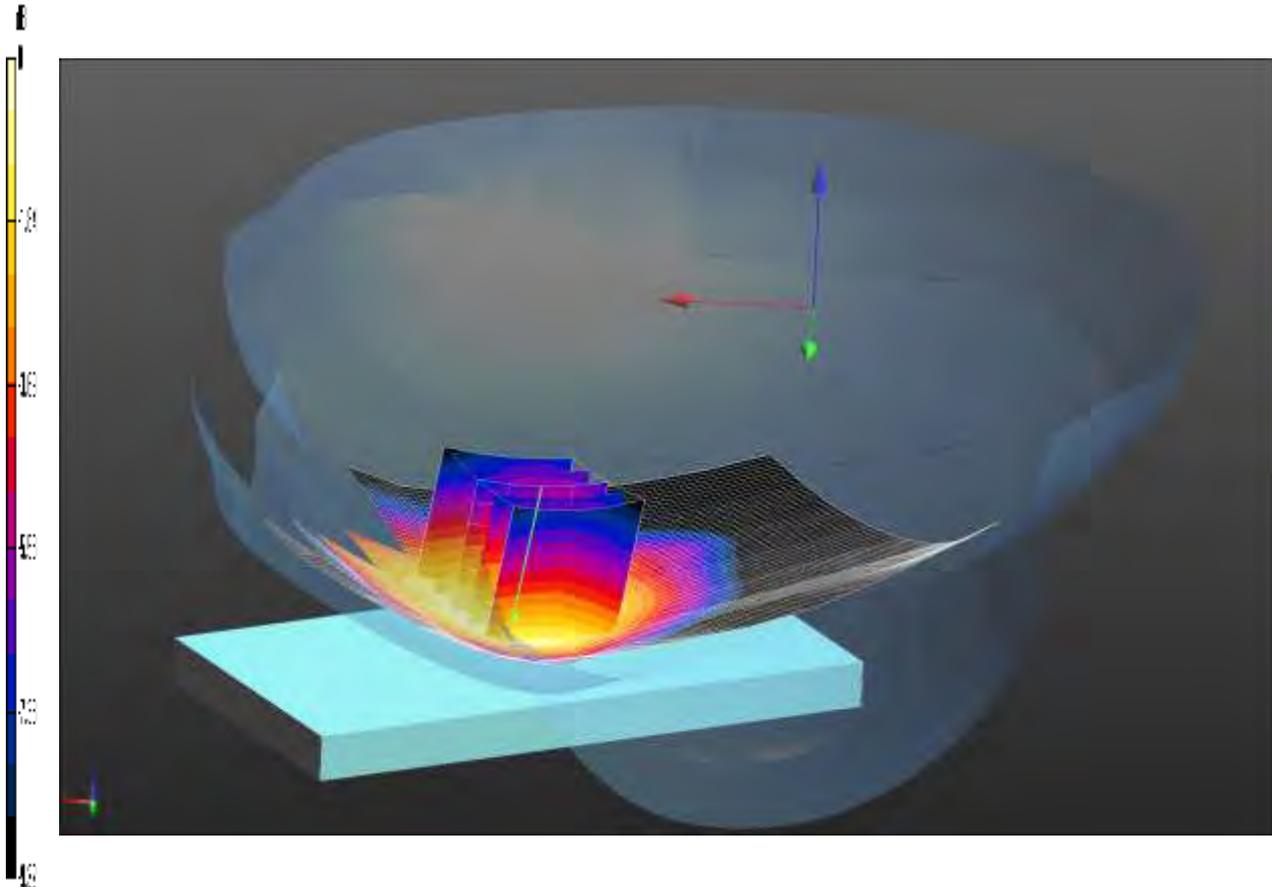
SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.494 W/kg

Maximum value of SAR (measured) = 0.694 W/kg

SCN/89439JD02/137: Touch Right LTE Band 5 1.4MHz BW 1RB Low End 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.665 W/kg = -1.77 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.696 W/kg

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

Reference Value = 8.765 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.791 W/kg

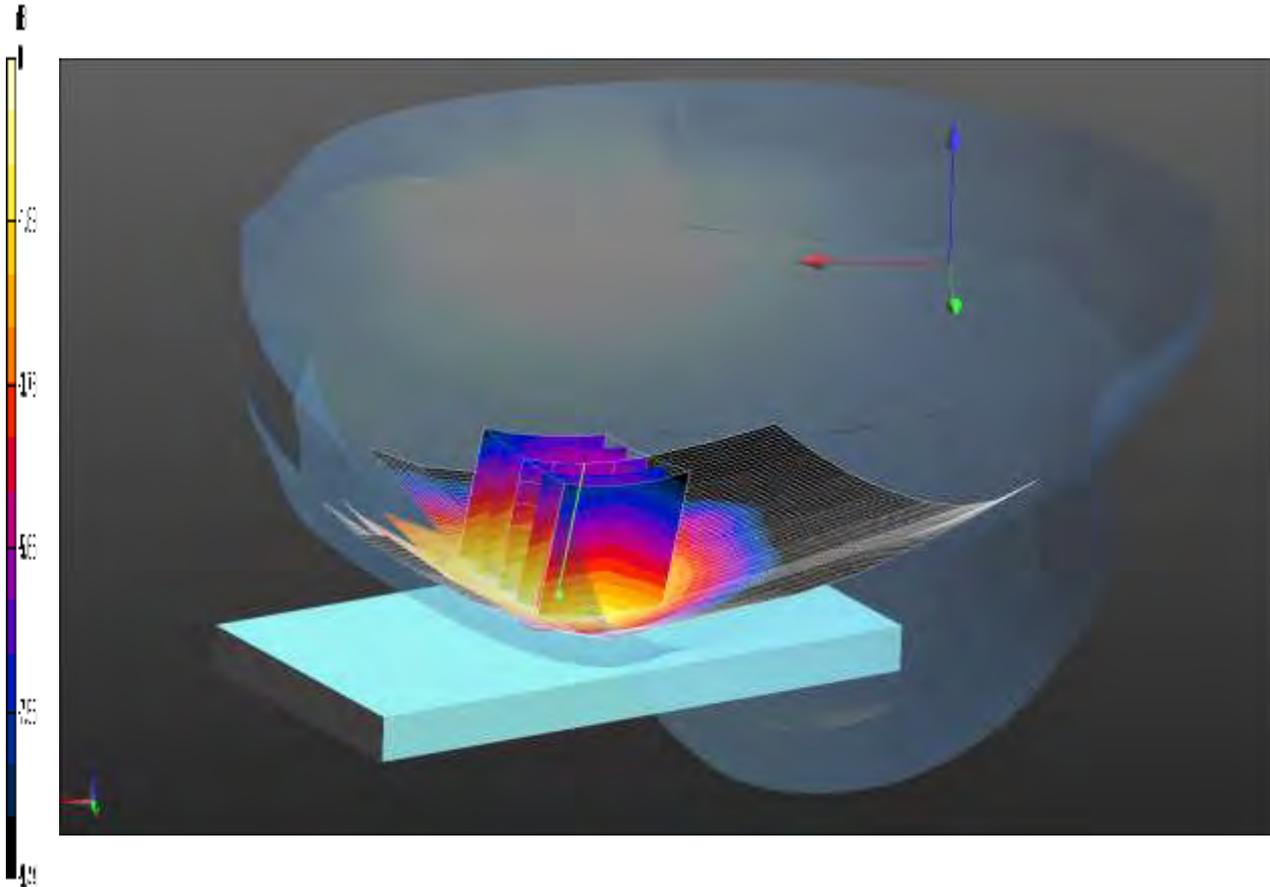
SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.472 W/kg

Maximum value of SAR (measured) = 0.665 W/kg

SCN/89439JD02/138: Touch Right LTE Band 5 1.4MHz BW 1RB High End 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.666 W/kg = -1.77 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.695 W/kg

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

Reference Value = 8.572 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.787 W/kg

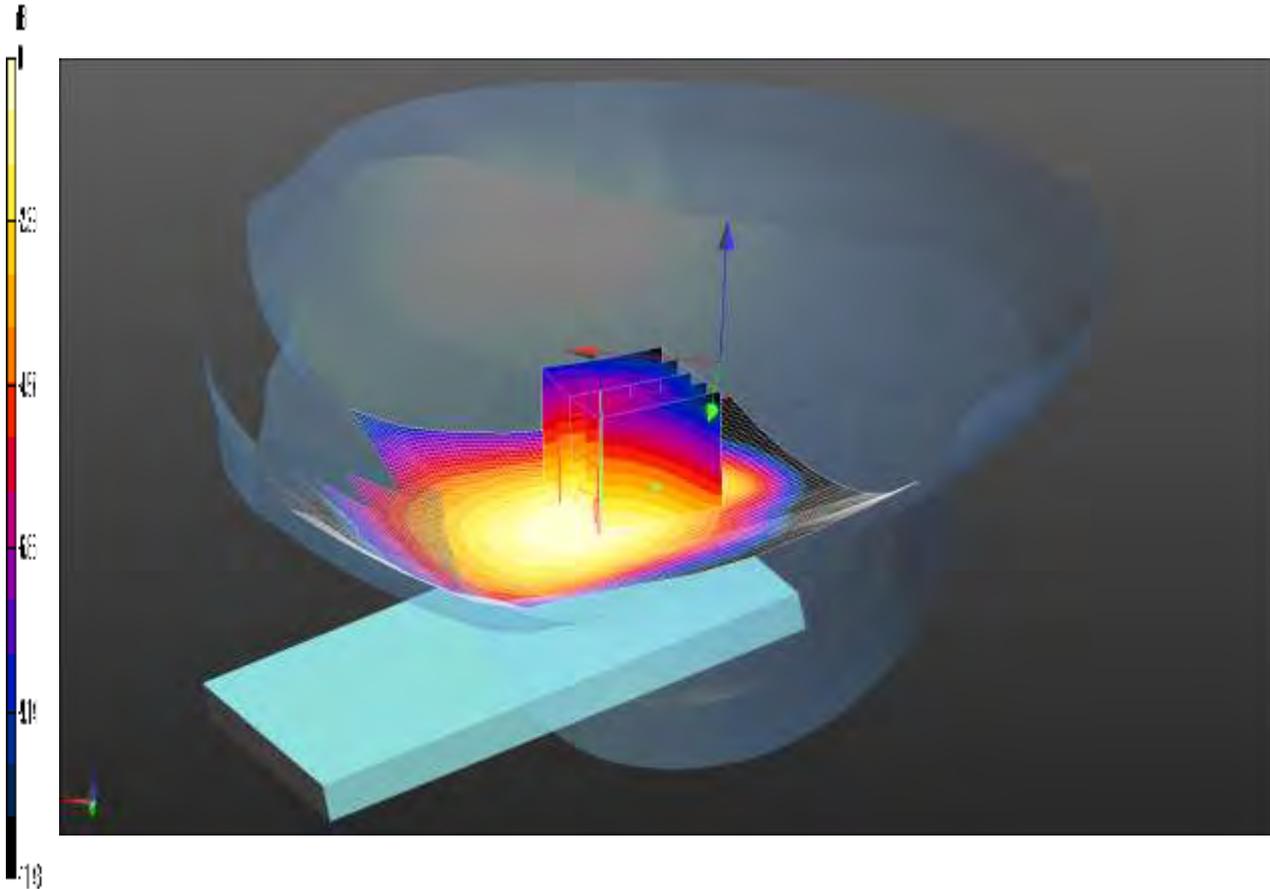
SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.473 W/kg

Maximum value of SAR (measured) = 0.666 W/kg

SCN/89439JD02/139: Tilt Right LTE Band 5 1.4MHz BW 50% RB QPSK CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.462 W/kg = -3.35 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

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

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

Reference Value = 15.824 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.598 W/kg

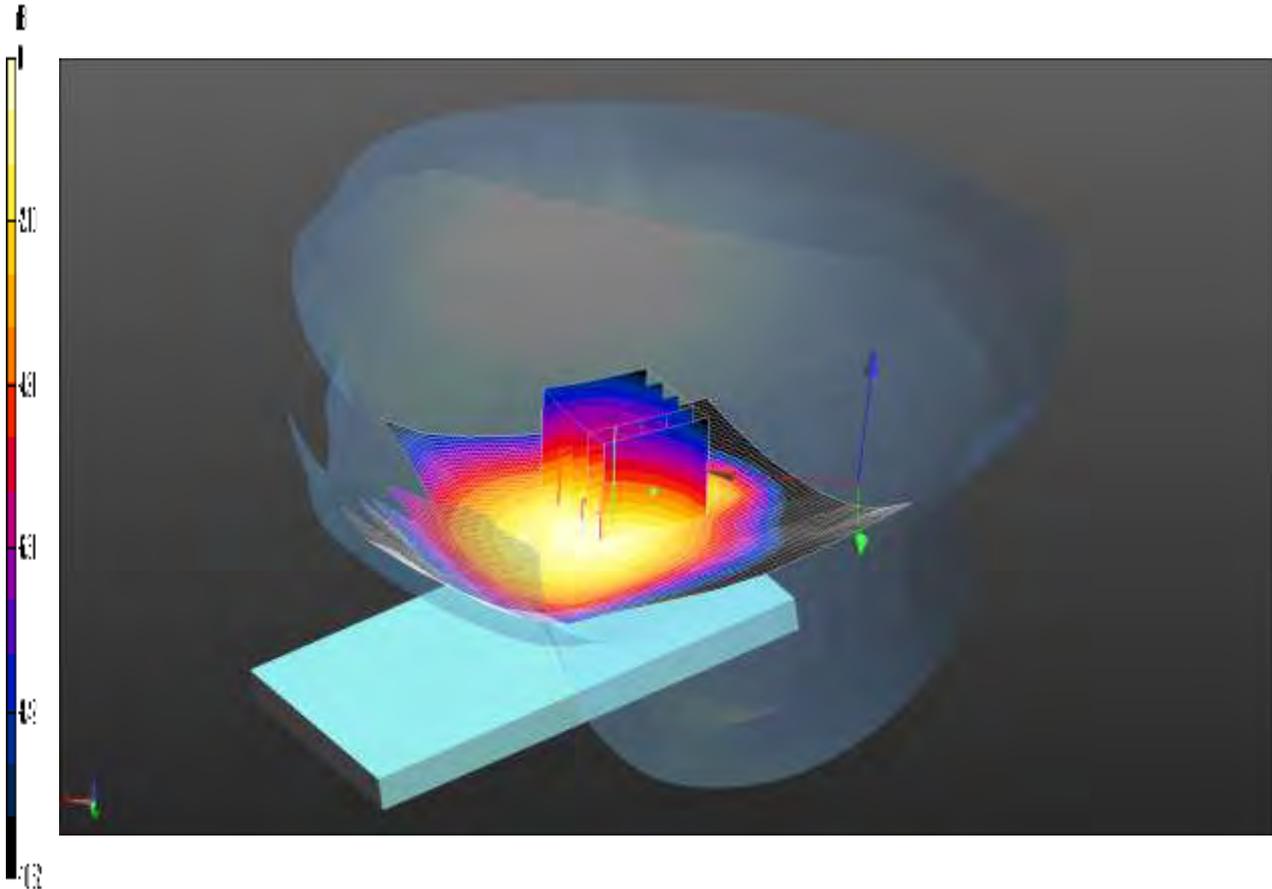
SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.317 W/kg.

Maximum value of SAR (measured) = 0.462 W/kg

SCN/89439JD02/140: Tilt Right LTE Band 5 1.4MHz BW 1RB Low End QPSK CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.478 W/kg = -3.21 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.463 W/kg

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

Reference Value = 15.667 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.596 W/kg

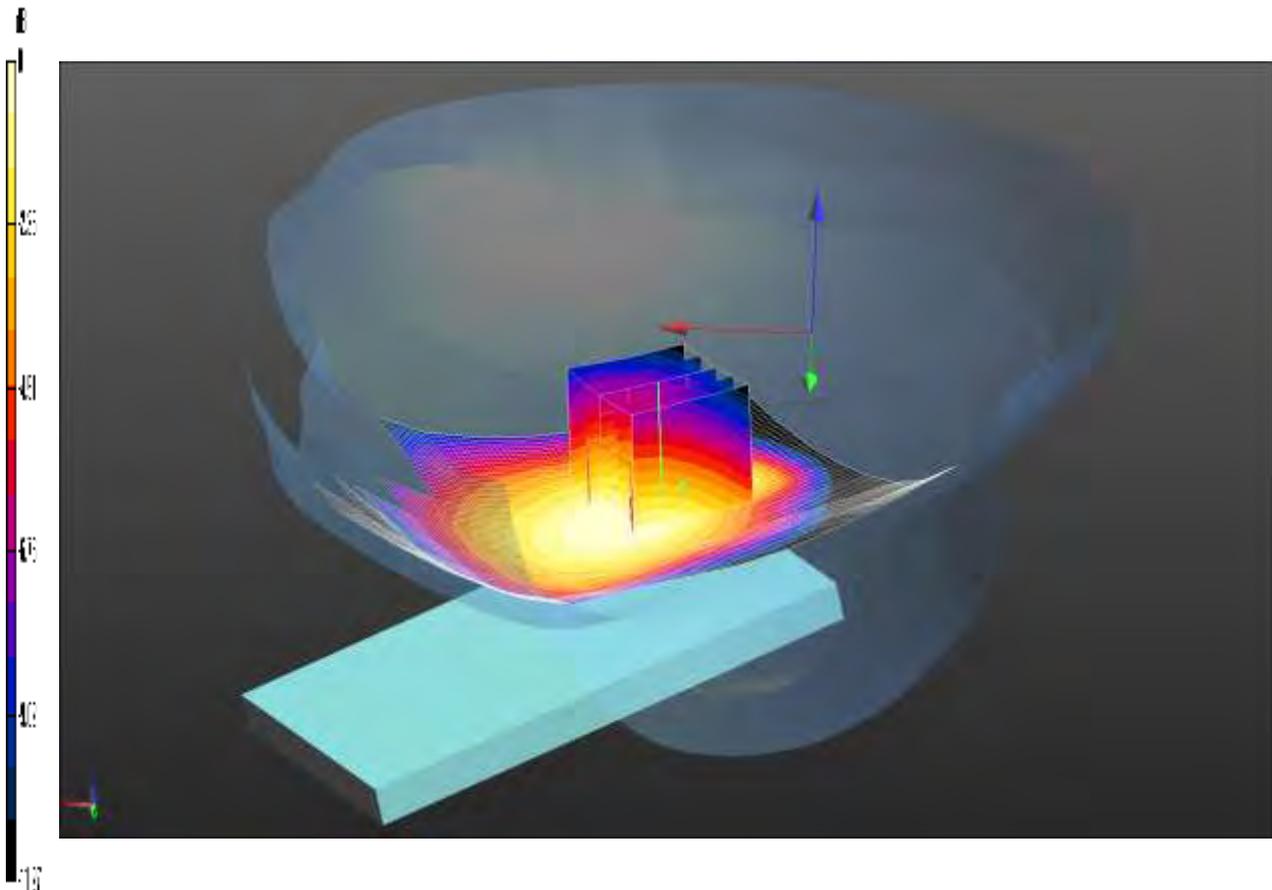
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (measured) = 0.478 W/kg

SCN/89439JD02/141: Tilt Right LTE Band 5 1.4MHz BW 1RB High End QPSK CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.477 W/kg = -3.21 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Tilt Right - Middle 2 2/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 16.424 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.615 W/kg

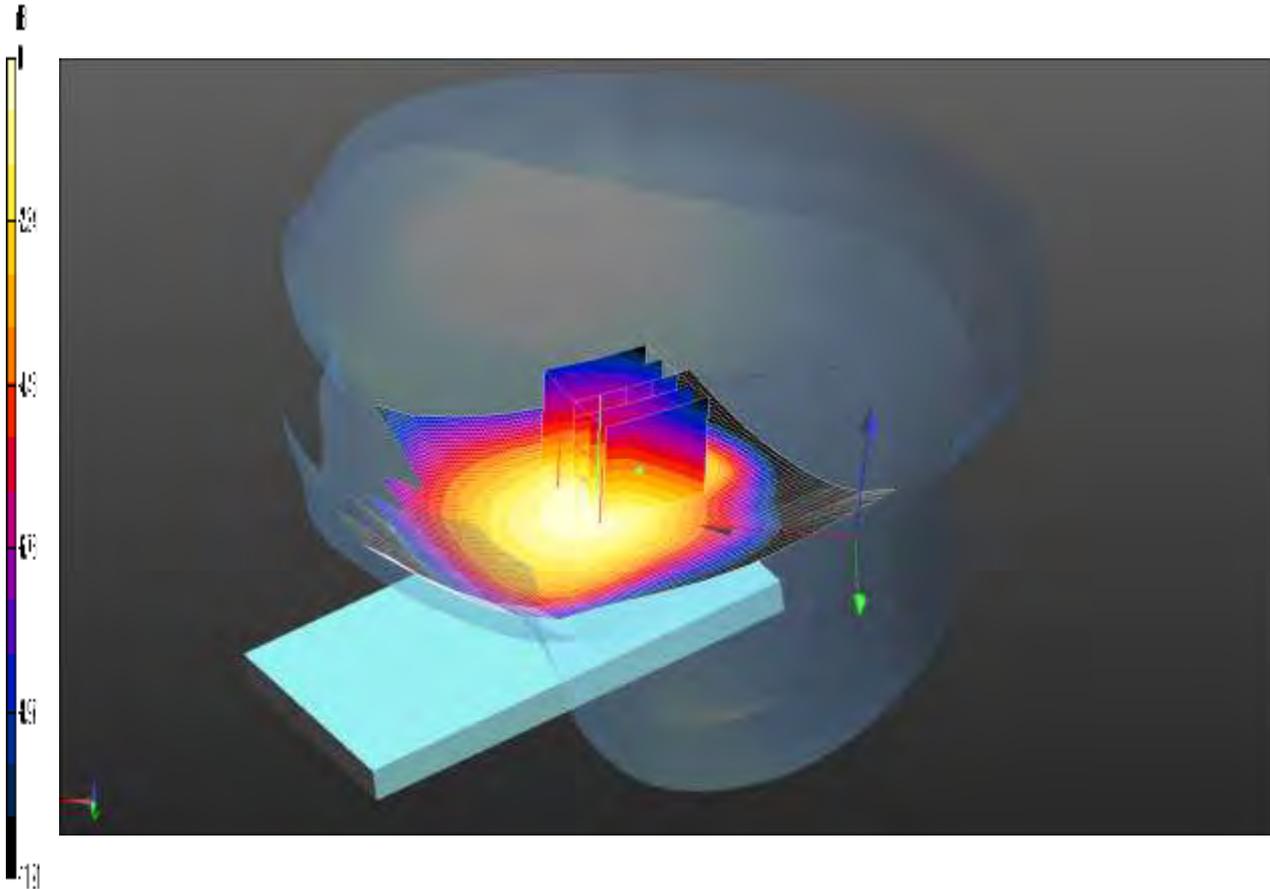
SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.329 W/kg

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

SCN/89439JD02/142: Tilt Right LTE Band 5 1.4MHz BW 50%RB 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.382 W/kg = -4.18 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.398 W/kg

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

Reference Value = 14.410 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.486 W/kg

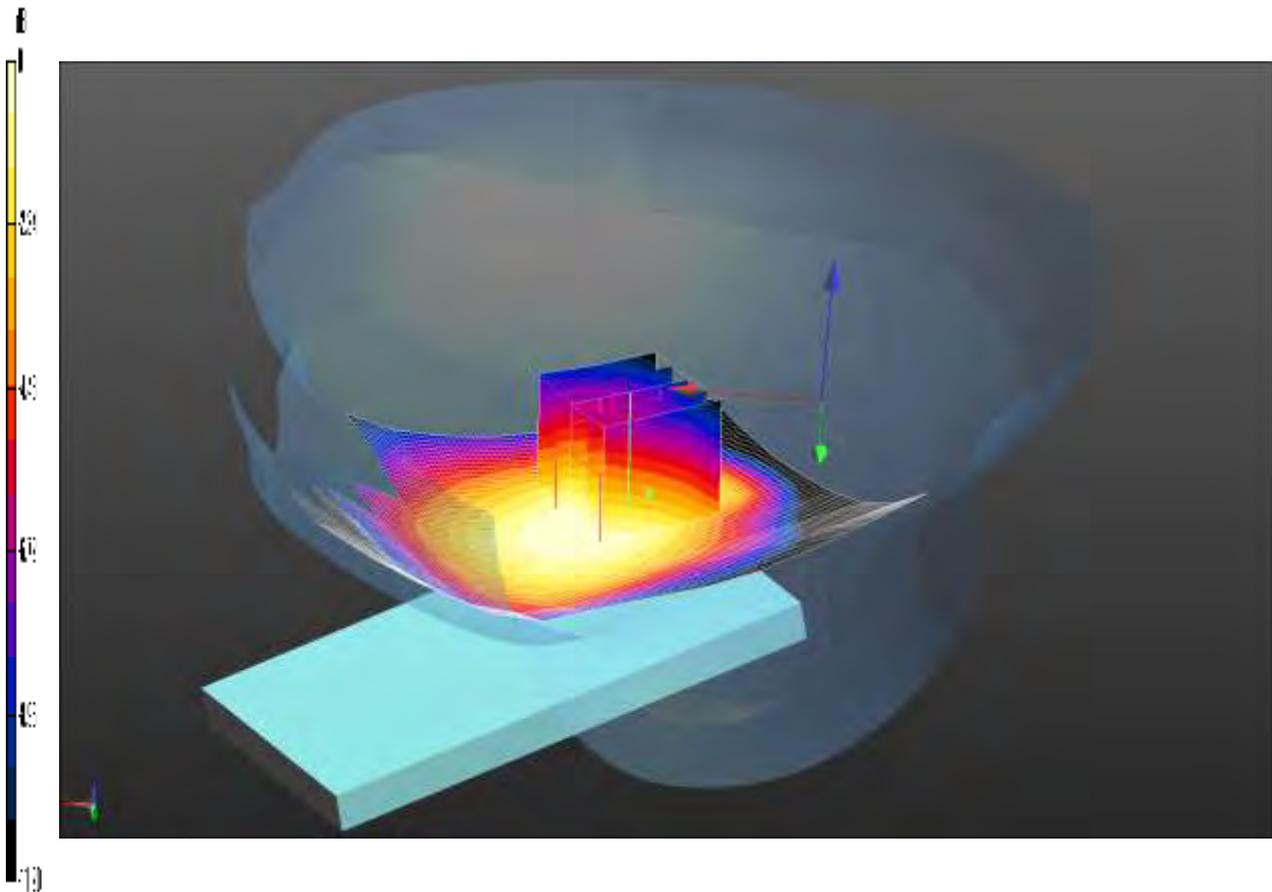
SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.260 W/kg

Maximum value of SAR (measured) = 0.382 W/kg

SCN/89439JD02/143: Tilt Right LTE Band 5 1.4MHz BW 1RB Low End 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.368 W/kg = -4.34 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.378 W/kg

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

Reference Value = 14.482 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.484 W/kg

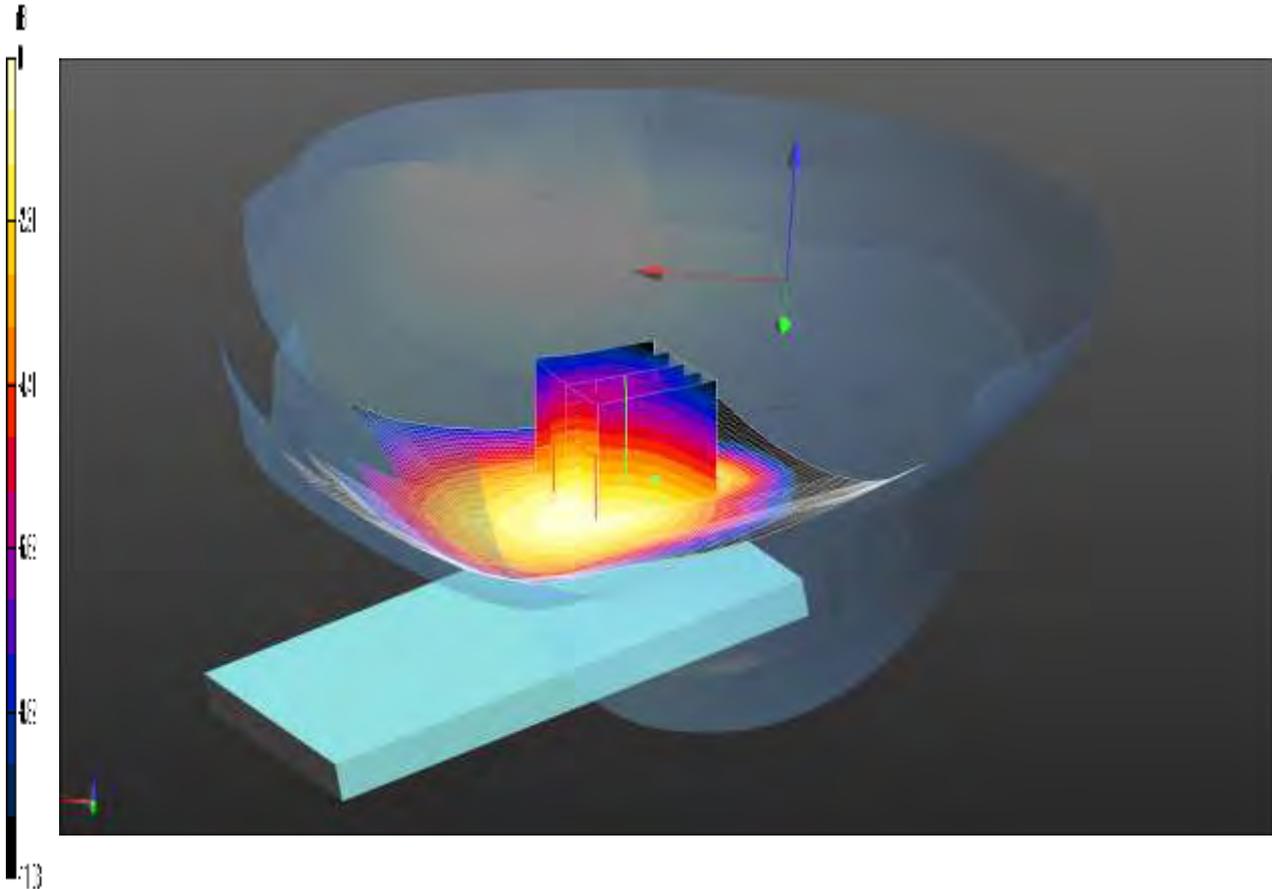
SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.254 W/kg

Maximum value of SAR (measured) = 0.368 W/kg

SCN/89439JD02/144: Tilt Right LTE Band 5 1.4MHz BW 1RB High End 16-QAM CH20525

Date: 14/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.392 W/kg = -4.07 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.392 W/kg

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

Reference Value = 14.652 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.501 W/kg

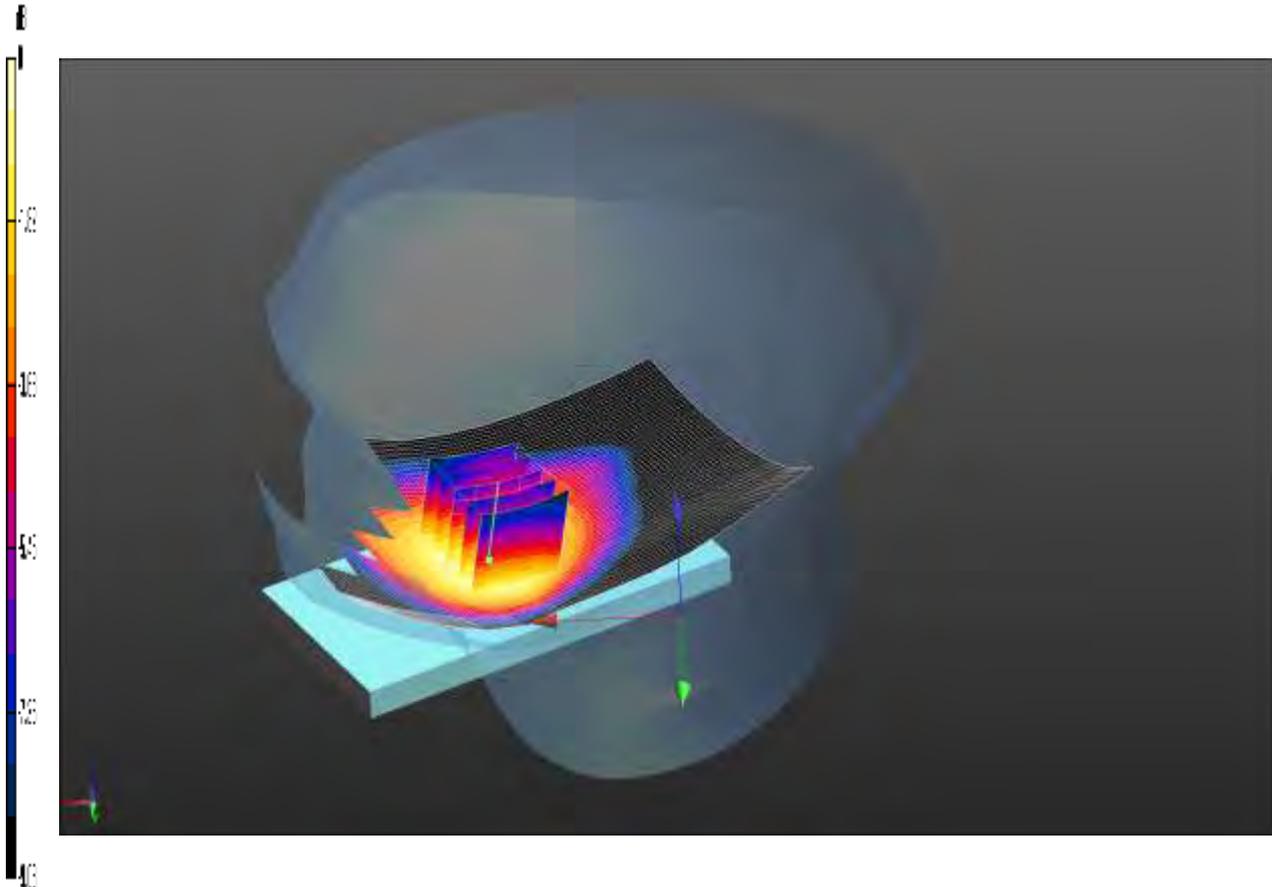
SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 0.392 W/kg

SCN/89439JD02/145: Touch Right LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20525

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.886 W/kg = -0.53 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.886 W/kg

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

Reference Value = 10.417 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.07 W/kg

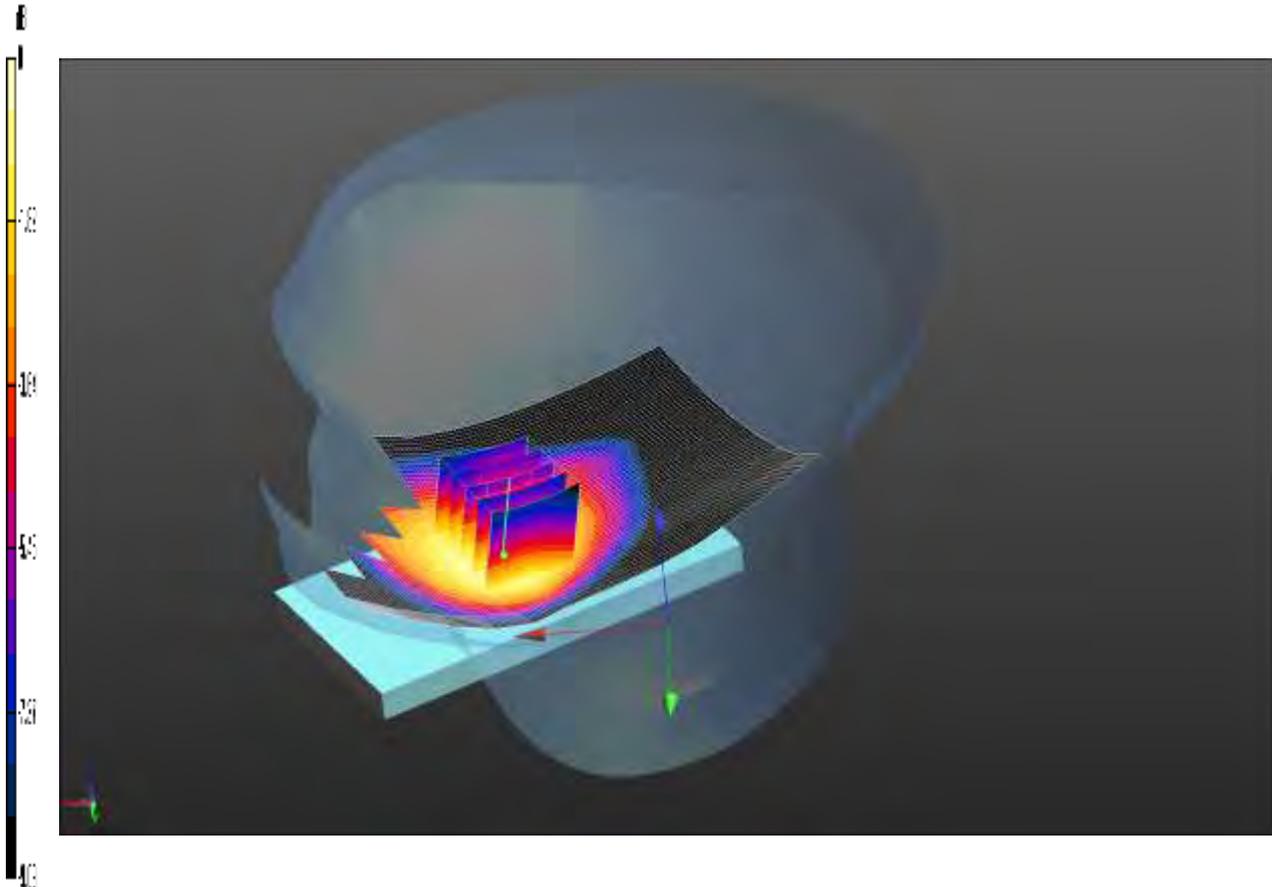
SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.636 W/kg

Maximum value of SAR (measured) = 0.886 W/kg

SCN/89439JD02/146: Touch Right LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20407

Date: 13/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.923 W/kg = -0.35 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 42.923$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.939 W/kg

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

Reference Value = 10.551 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.08 W/kg

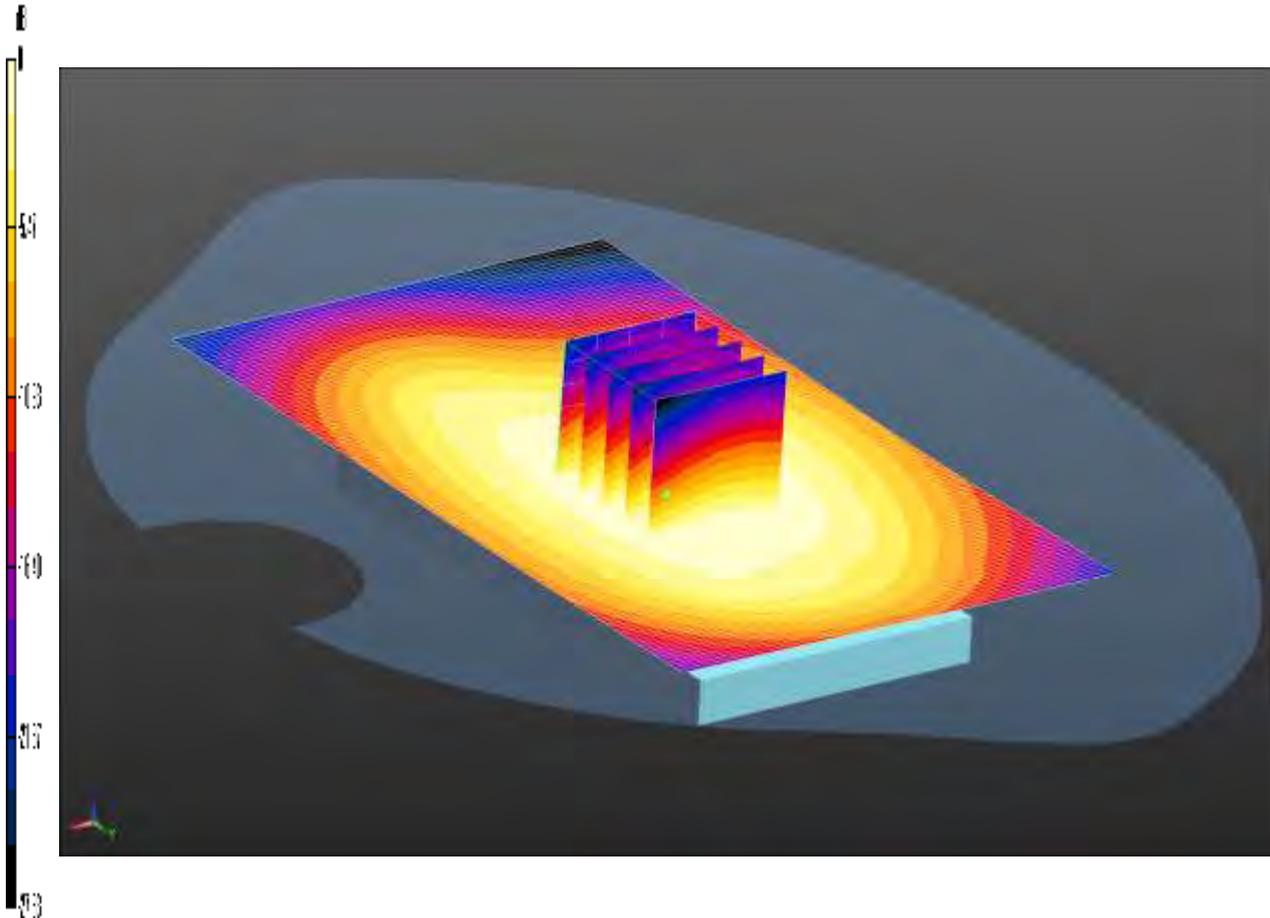
SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.655 W/kg

Maximum value of SAR (measured) = 0.923 W/kg

SCN/89439JD02/147: Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525

Date: 09/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.834 W/kg = -0.79 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 56.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD00P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.834 W/kg

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

Reference Value = 29.374 V/m; Power Drift = 0.01 dB

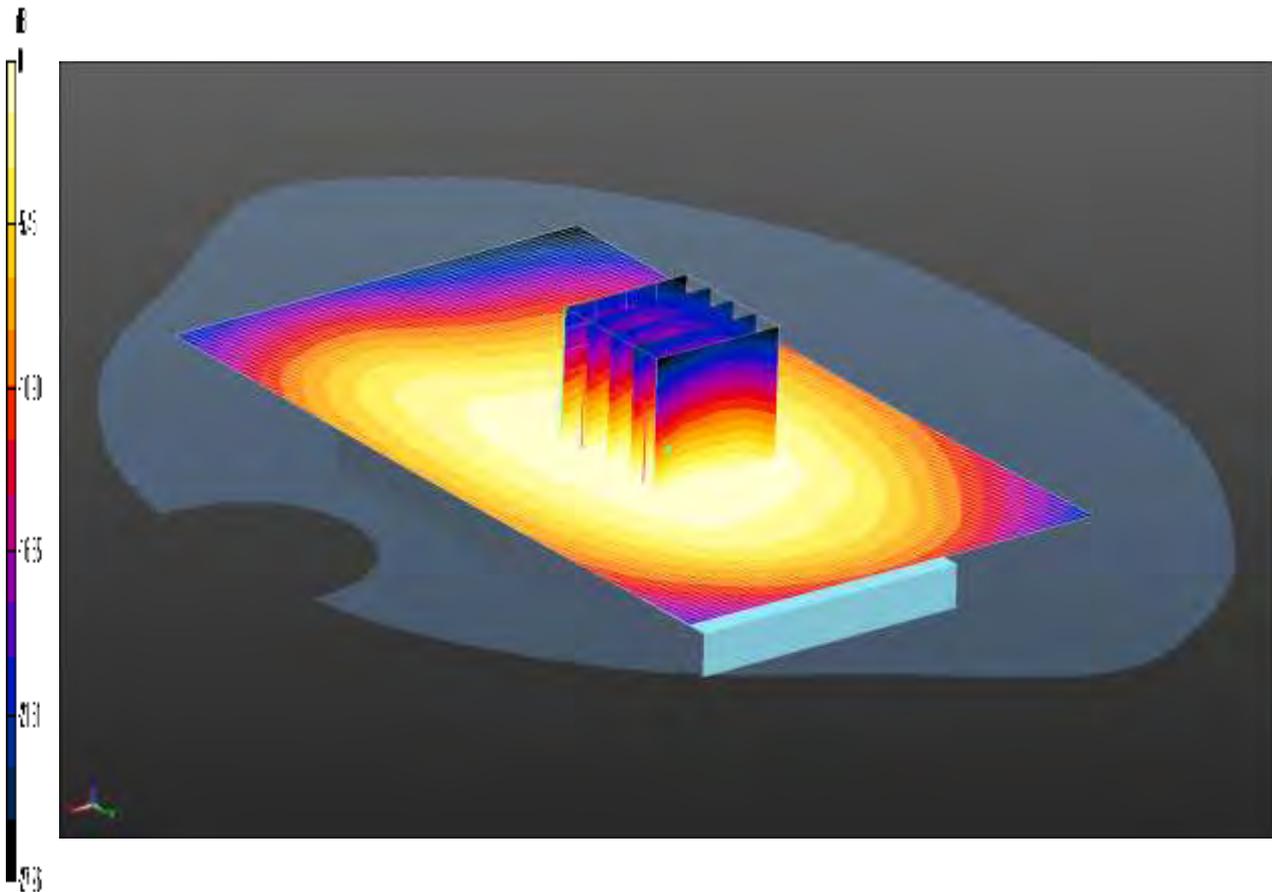
Peak SAR (extrapolated) = 0.950 W/kg

SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.616 W/kg

Maximum value of SAR (measured) = 0.827 W/kg

SCN/89439JD02/148: Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20525
Date: 10/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.839 W/kg = -0.76 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 56.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.839 W/kg

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

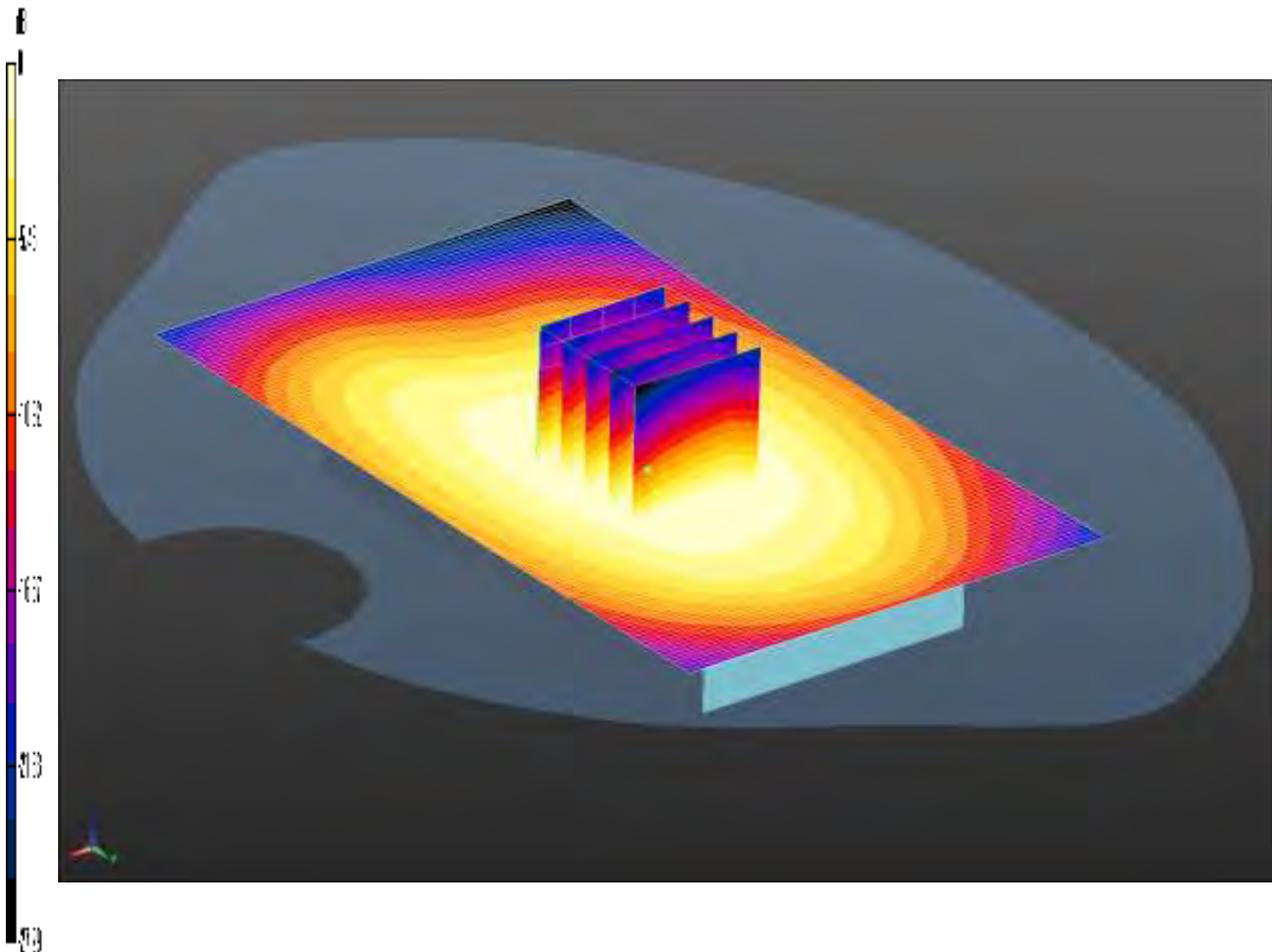
Reference Value = 30.261 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.963 W/kg

SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.636 W/kg

Maximum value of SAR (measured) = 0.851 W/kg

SCN/89439JD02/149: Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1 RB High End QPSK CH20525
 Date: 10/11/2012
 DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.824 W/kg = -0.84 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 56.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.824 W/kg

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

Reference Value = 29.440 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.933 W/kg

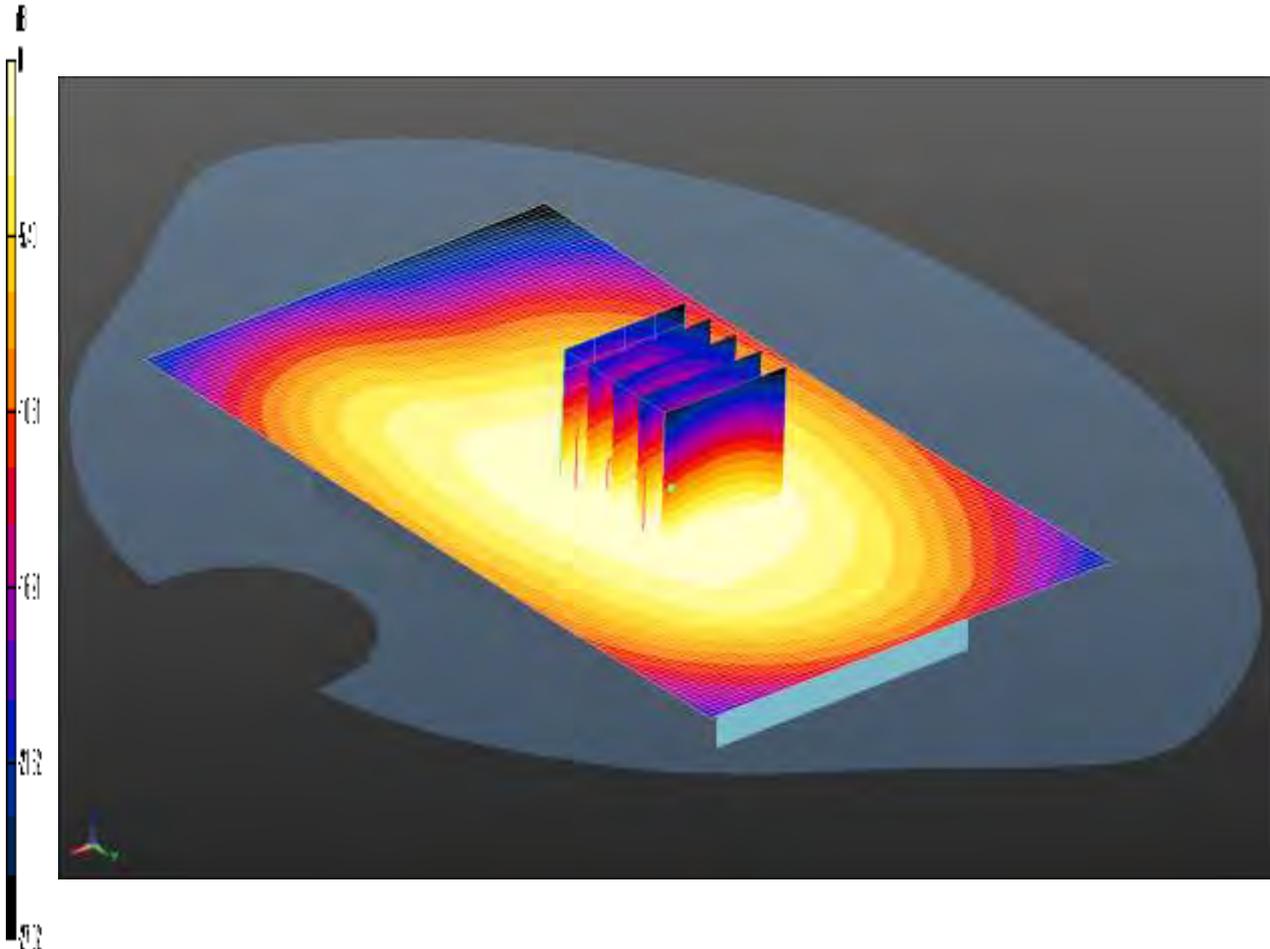
SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.617 W/kg

Maximum value of SAR (measured) = 0.825 W/kg

SCN/89439JD02/150: Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB 16-QAM CH20525

Date: 10/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.676 W/kg = -1.70 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 56.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.676 W/kg

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

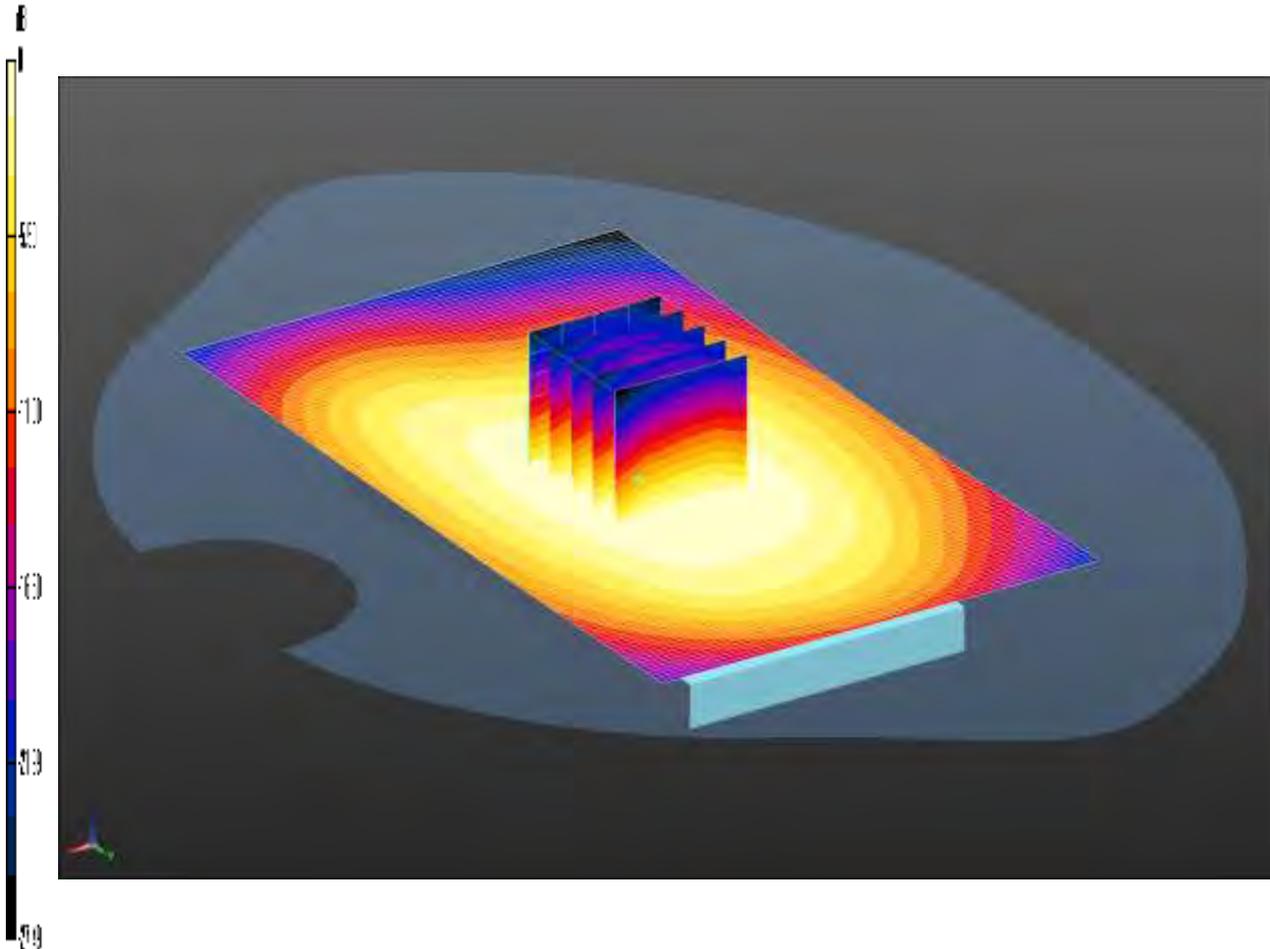
Reference Value = 26.529 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.504 W/kg

Maximum value of SAR (measured) = 0.672 W/kg

SCN/89439JD02/151: Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End 16-QAM CH20525
 Date: 10/11/2012
 DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.657 W/kg = -1.83 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 56.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.657 W/kg

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

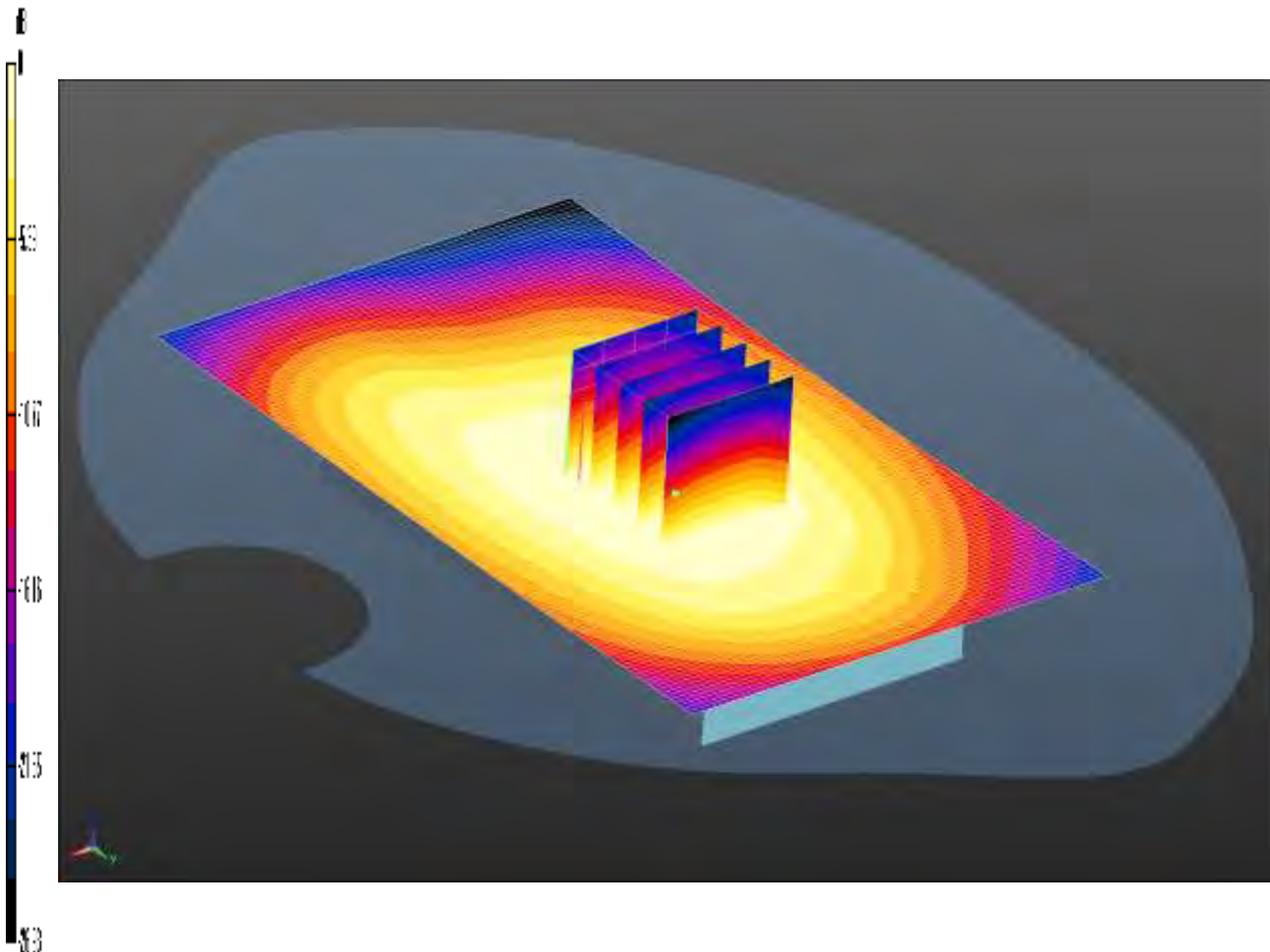
Reference Value = 26.655 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.750 W/kg

SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.499 W/kg

Maximum value of SAR (measured) = 0.673 W/kg

SCN/89439JD02/152: Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End 16-QAM CH20525
 Date: 10/11/2012
 DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.657 W/kg = -1.82 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 56.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.657 W/kg

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

Reference Value = 26.233 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.754 W/kg

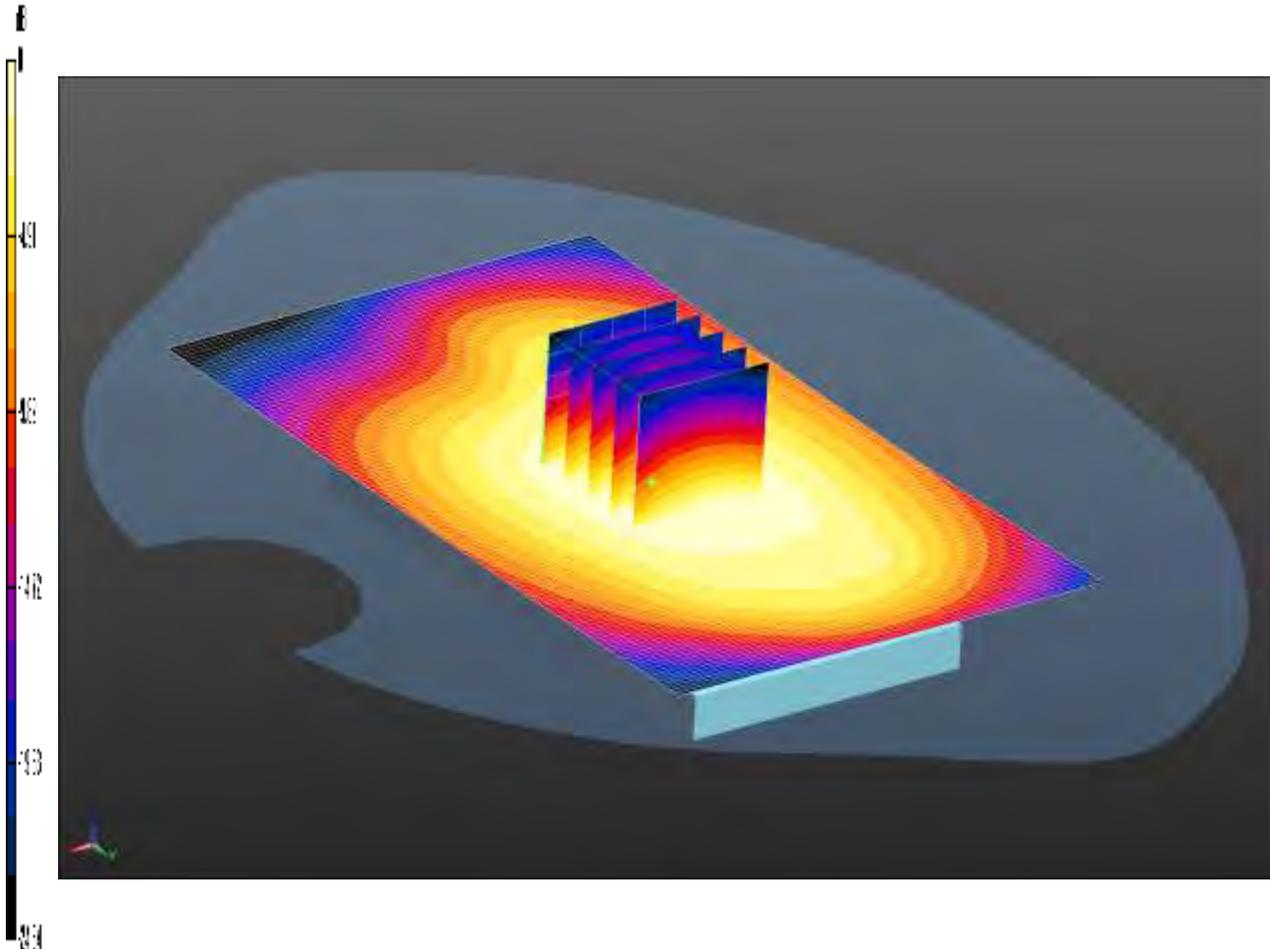
SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.494 W/kg

Maximum value of SAR (measured) = 0.658 W/kg

SCN/89439JD02/153: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525

Date: 09/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.838 W/kg = -0.77 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 56.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.838 W/kg

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

Reference Value = 29.975 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.959 W/kg

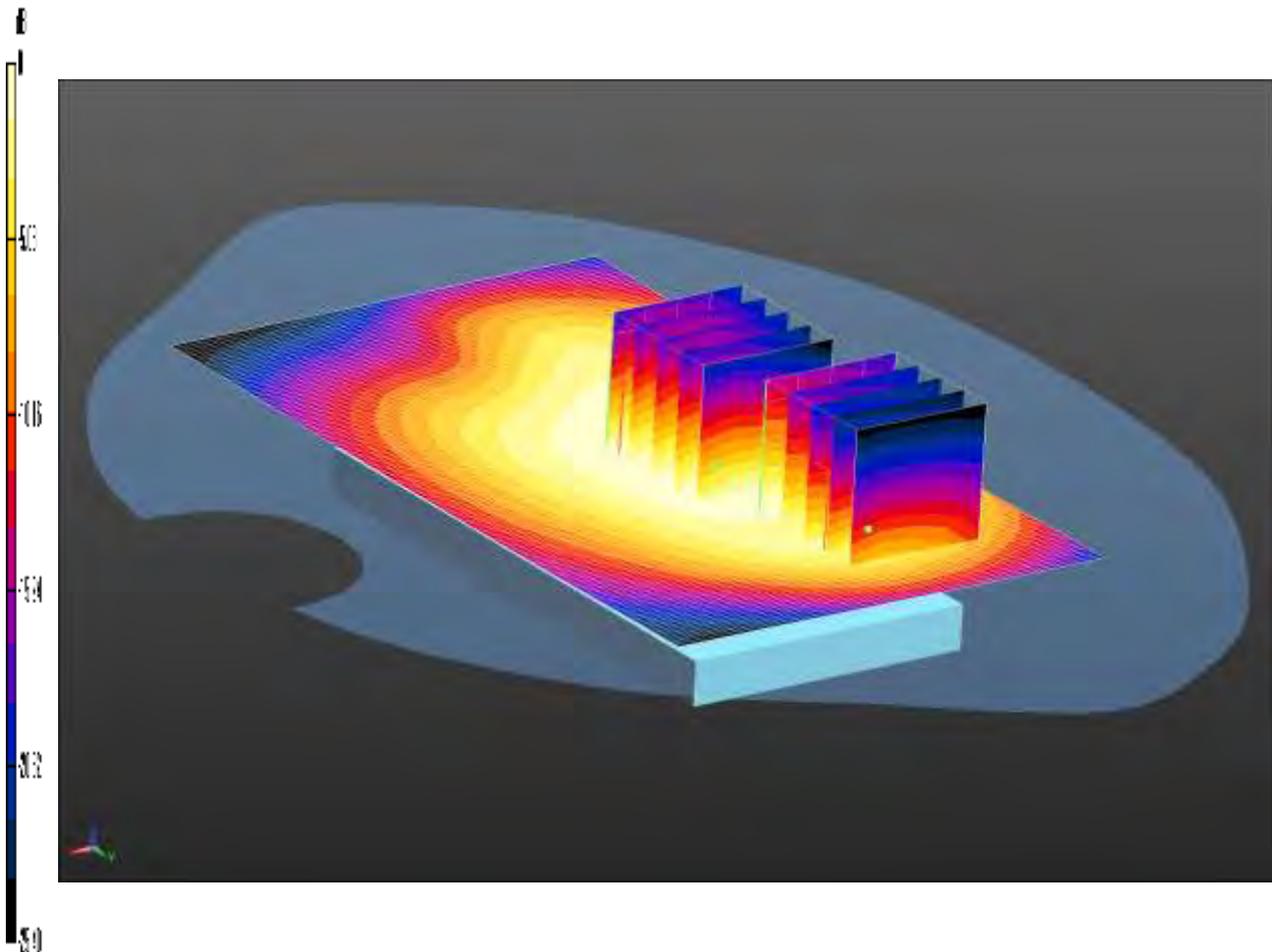
SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.612 W/kg

Maximum value of SAR (measured) = 0.834 W/kg

SCN/89439JD02/154: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End QPSK CH20525

Date: 10/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.843 W/kg = -0.74 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 56.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.843 W/kg

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

Reference Value = 29.508 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.616 W/kg

Maximum value of SAR (measured) = 0.843 W/kg

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

Reference Value = 29.508 V/m; Power Drift = 0.11 dB

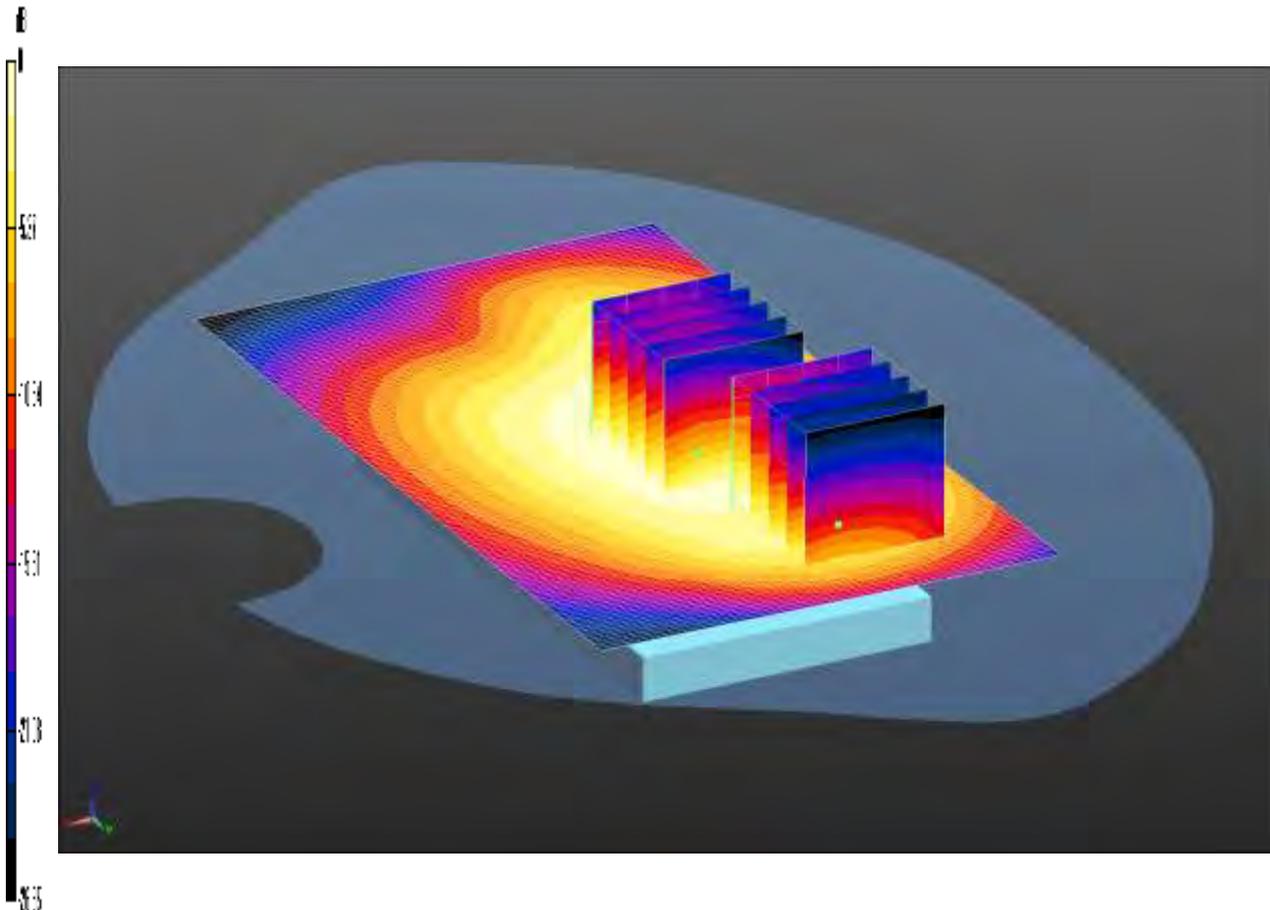
Peak SAR (extrapolated) = 0.807 W/kg

SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.628 W/kg

SCN/89439JD02/155: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End QPSK CH20525
Date: 10/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.812 W/kg = -0.90 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 56.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.812 W/kg

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

Reference Value = 29.191 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.949 W/kg

SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.596 W/kg

Maximum value of SAR (measured) = 0.819 W/kg

Configuration/Back of EUT Facing Phantom/Zoom Scan 2 (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.191 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.764 W/kg

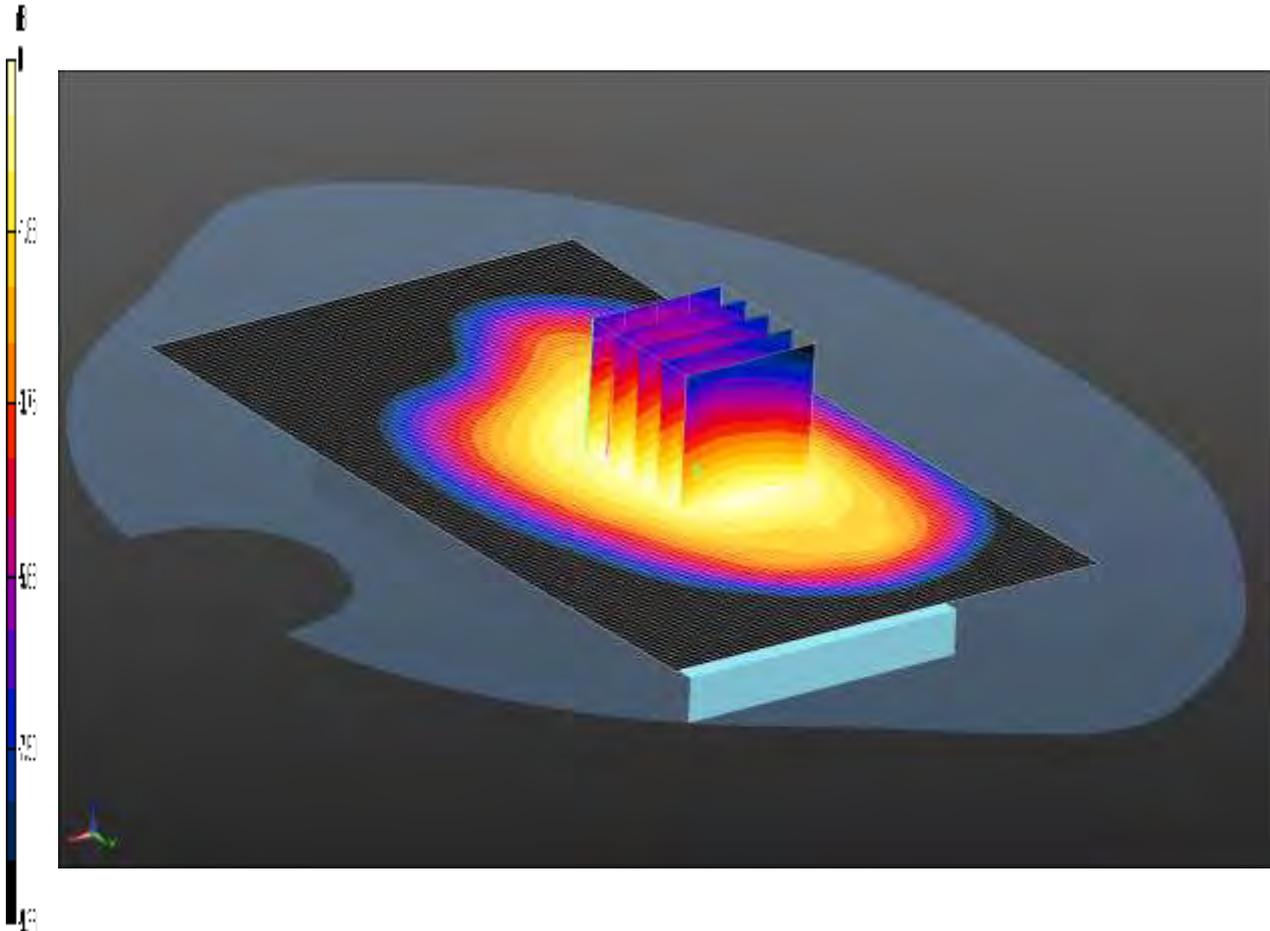
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 0.589 W/kg

SCN/89439JD02/156: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB 16-QAM CH20525

Date: 10/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.679 W/kg = -1.68 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 56.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.670 W/kg

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

Reference Value = 26.656 V/m; Power Drift = 0.07 dB

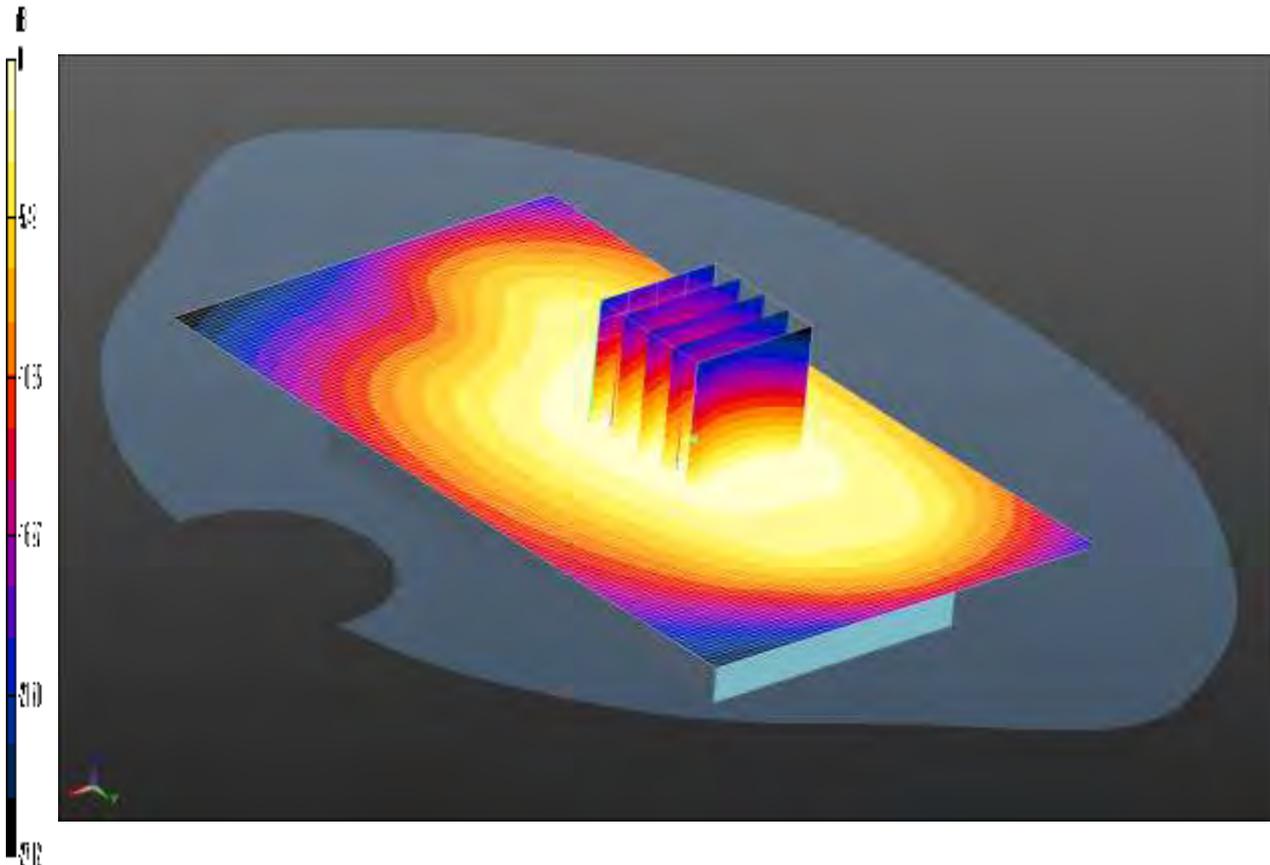
Peak SAR (extrapolated) = 0.792 W/kg

SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.499 W/kg

Maximum value of SAR (measured) = 0.679 W/kg

SCN/89439JD02/157: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End 16-QAM CH20525
Date: 10/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.676 W/kg = -1.70 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 56.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.676 W/kg

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

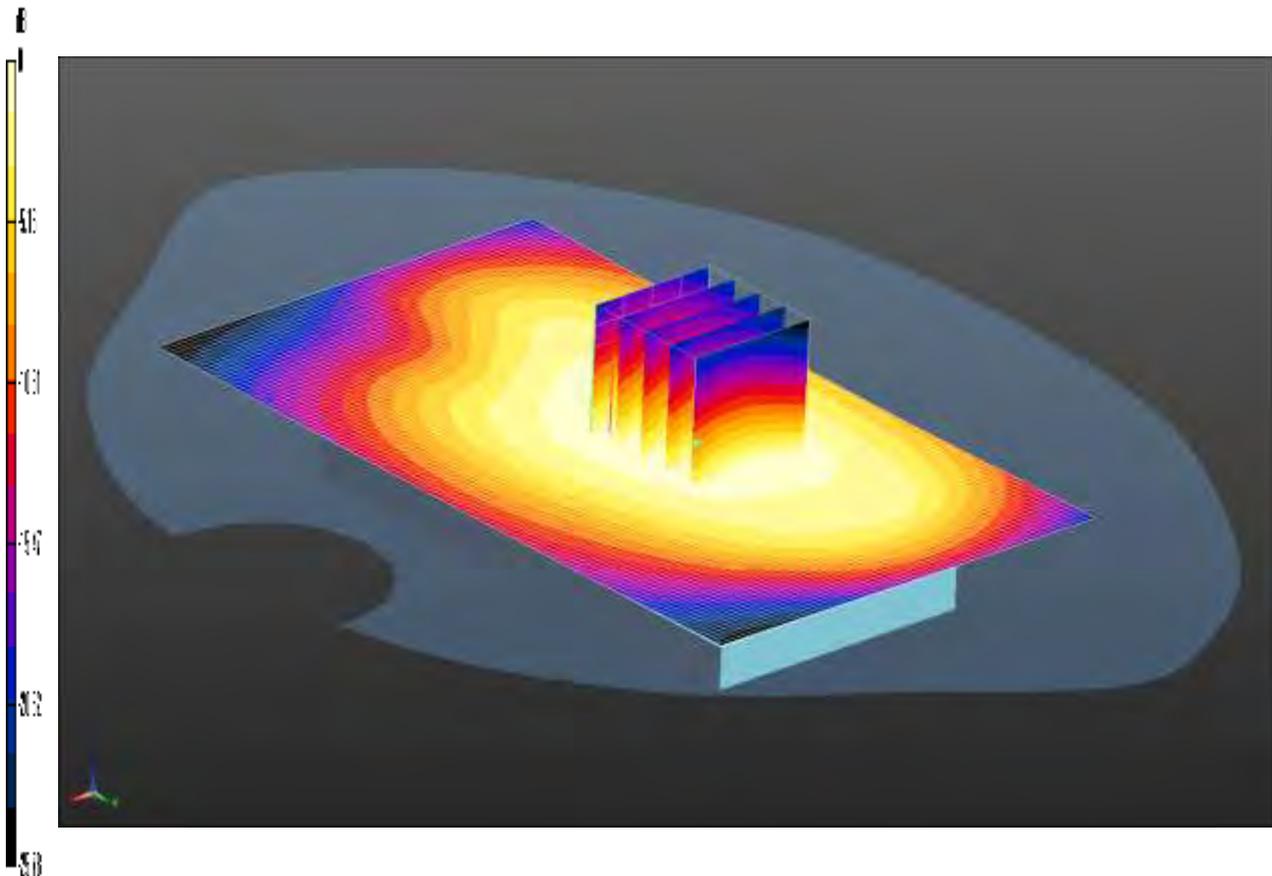
Reference Value = 26.605 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.768 W/kg

SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.490 W/kg

Maximum value of SAR (measured) = 0.674 W/kg

SCN/89439JD02/158: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End 16-QAM CH20525
 Date: 10/11/2012
 DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.676 W/kg = -1.70 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 56.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.676 W/kg

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

Reference Value = 26.090 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.785 W/kg

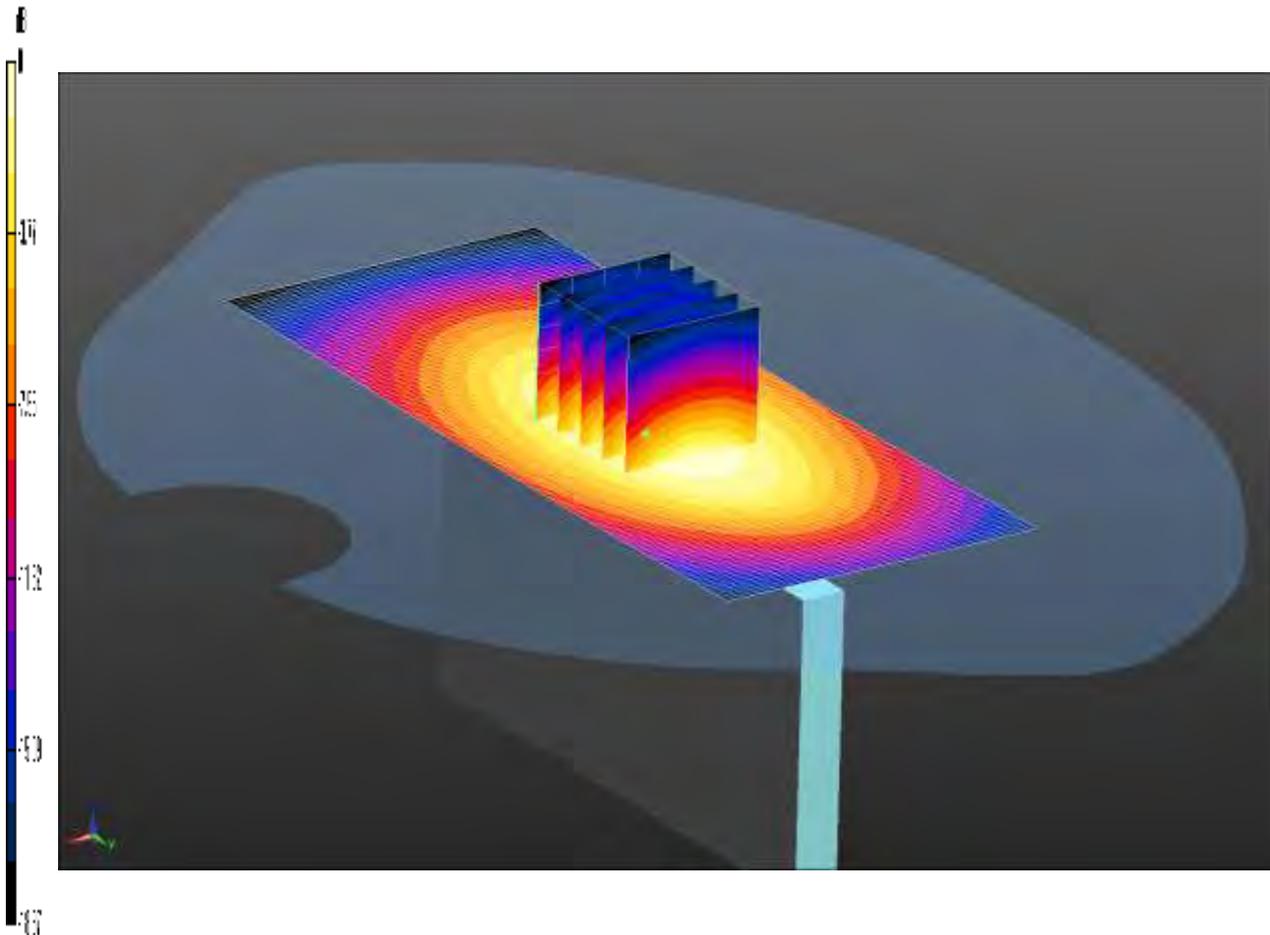
SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.487 W/kg

Maximum value of SAR (measured) = 0.663 W/kg

SCN/89439JD02/159: Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK
CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.638 W/kg = -1.95 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.638 W/kg

Configuration/Left Hand Side of EUT Facing Phantom/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 26.741 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.841 W/kg

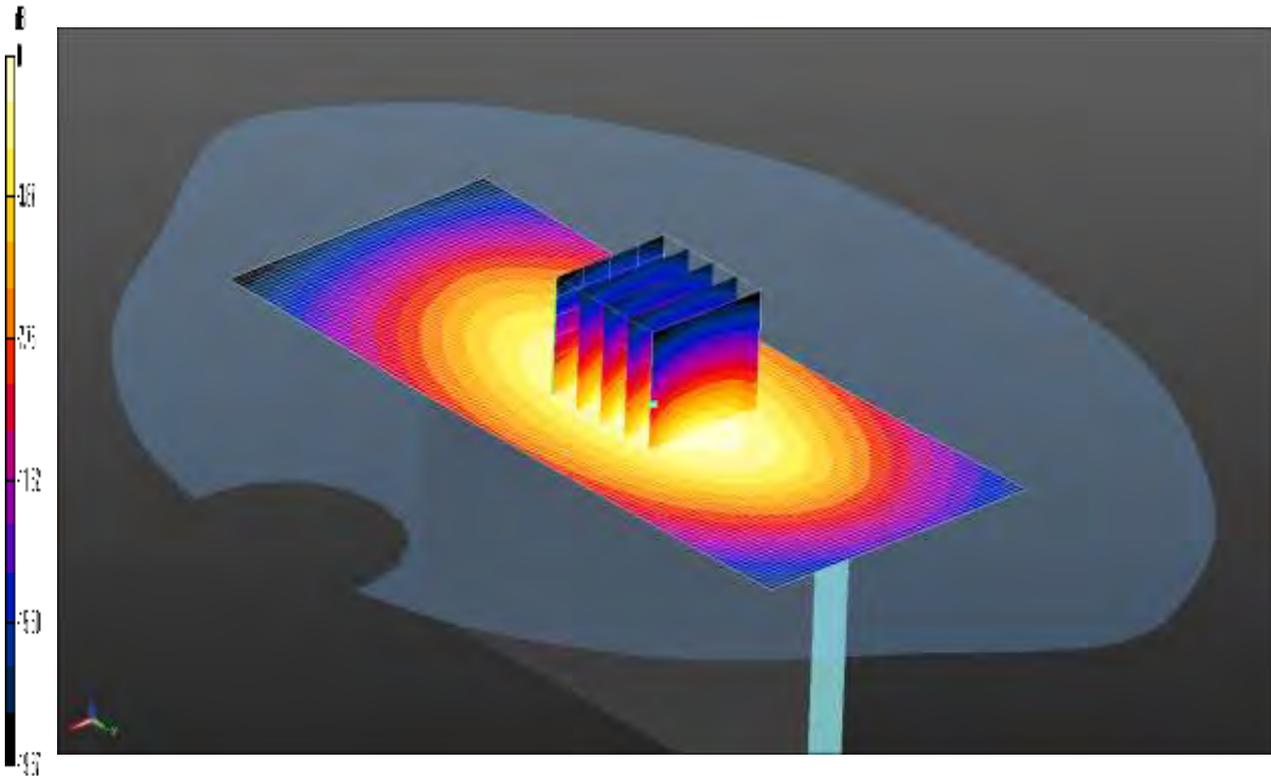
SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.428 W/kg

Maximum value of SAR (measured) = 0.639 W/kg

SCN/89439JD02/160: Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End QPSK
CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



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

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.684 W/kg

Configuration/Left Hand Side of EUT Facing Phantom/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 26.756 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.833 W/kg

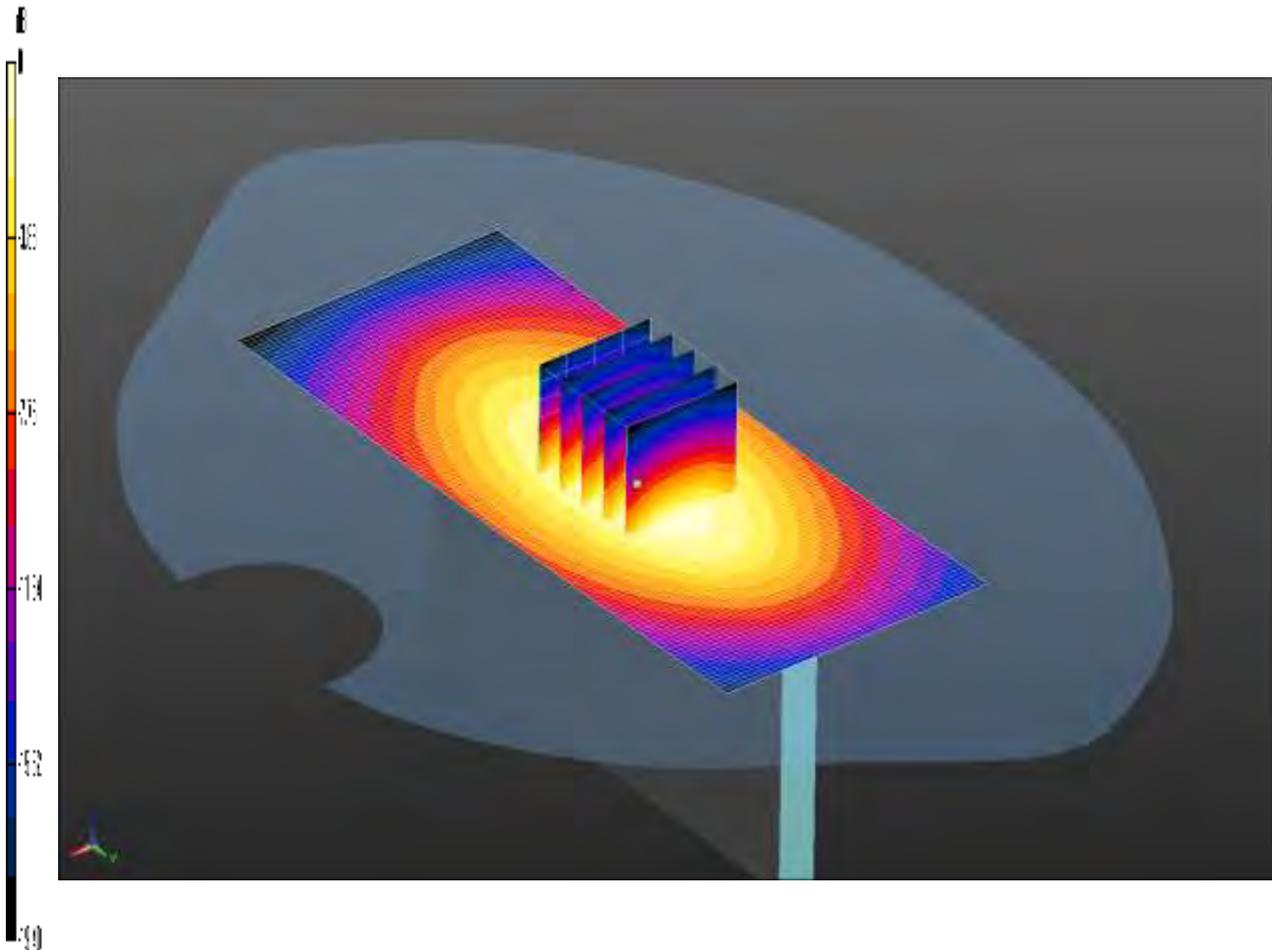
SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.442 W/kg

Maximum value of SAR (measured) = 0.666 W/kg

SCN/89439JD02/161: Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End QPSK
CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.626 W/kg = -2.03 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.626 W/kg

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

Reference Value = 26.875 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.756 W/kg

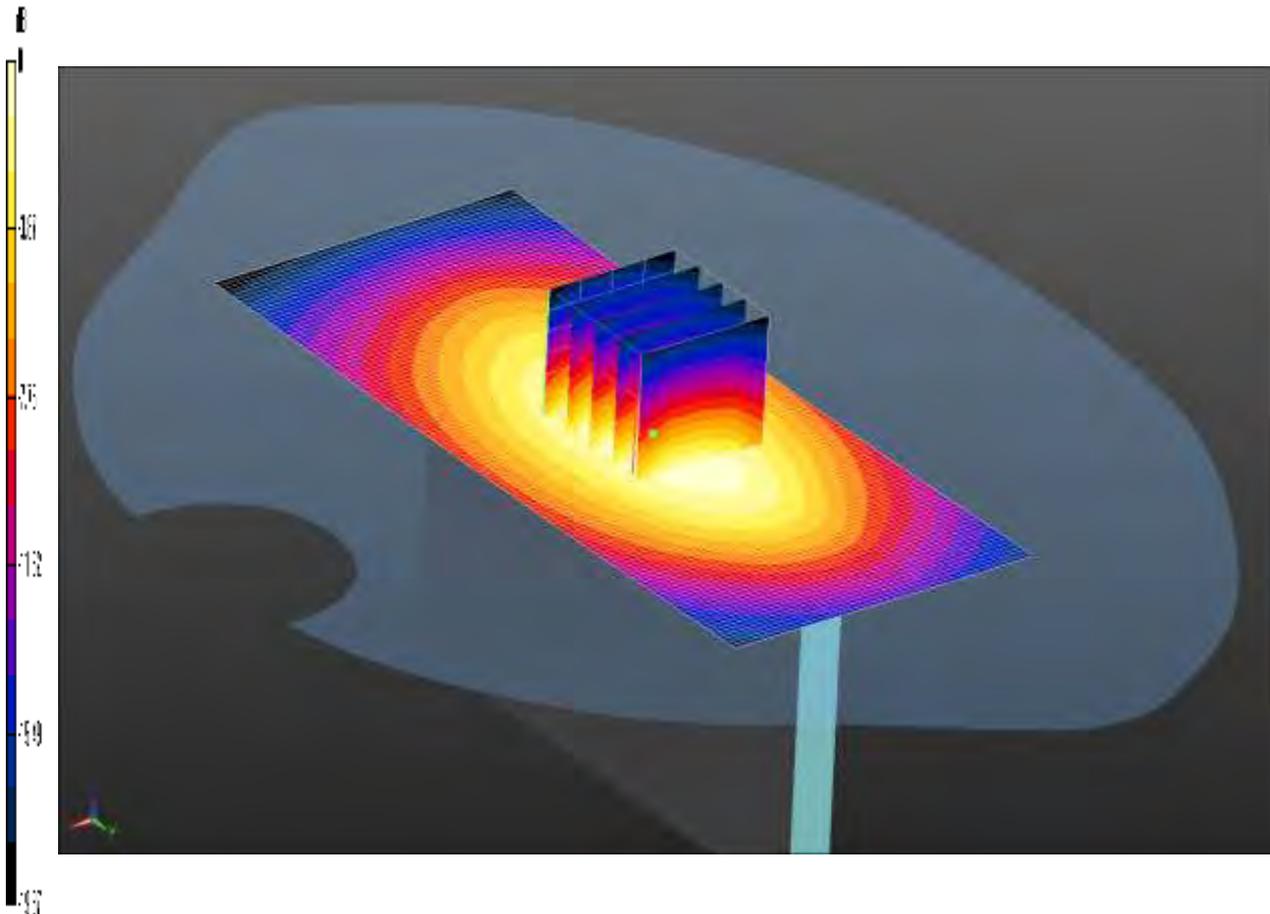
SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.404 W/kg

Maximum value of SAR (measured) = 0.608 W/kg

SCN/89439JD02/162: Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB 16-QAM
CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.539 W/kg = -2.69 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

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

Configuration/Left Hand Side of EUT Facing Phantom/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 23.163 V/m; Power Drift = 0.31 dB

Peak SAR (extrapolated) = 0.670 W/kg

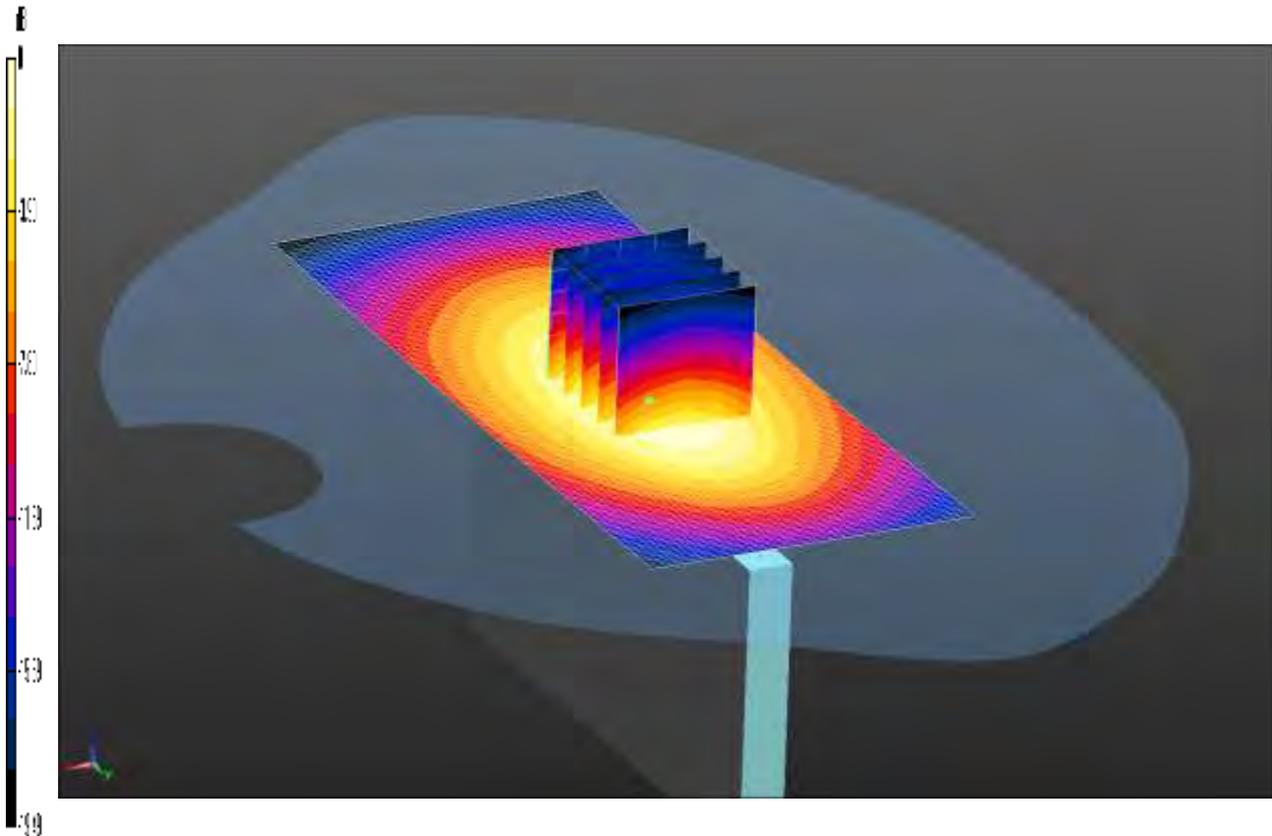
SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.341 W/kg

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

SCN/89439JD02/163: Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End 16-QAM CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.535 W/kg = -2.72 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.535 W/kg

Configuration/Left Hand Side of EUT Facing Phantom/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 23.781 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.669 W/kg

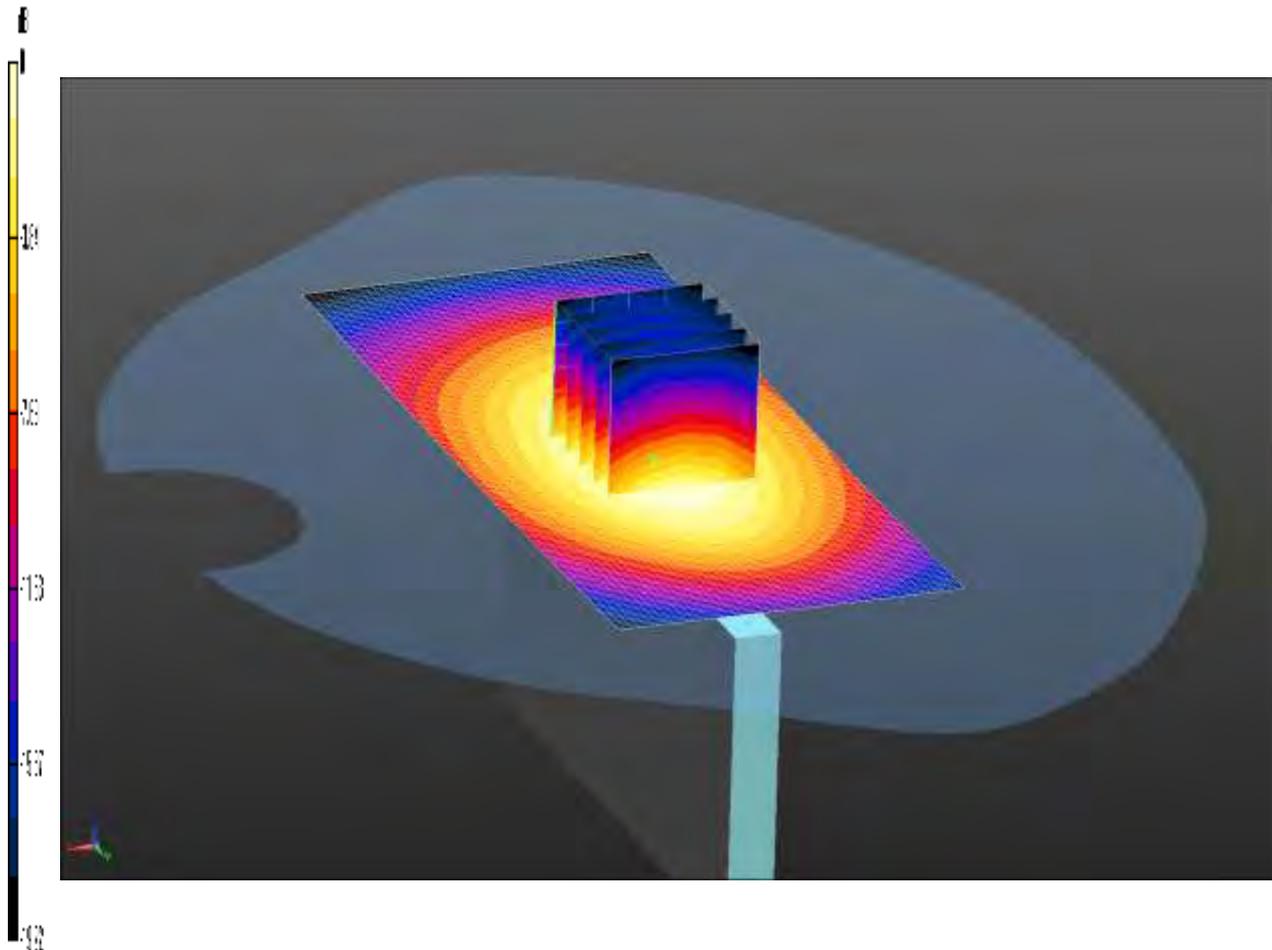
SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.340 W/kg

Maximum value of SAR (measured) = 0.544 W/kg

SCN/89439JD02/164: Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End 16-QAM CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.493 W/kg = -3.07 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

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

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

Reference Value = 23.267 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.634 W/kg

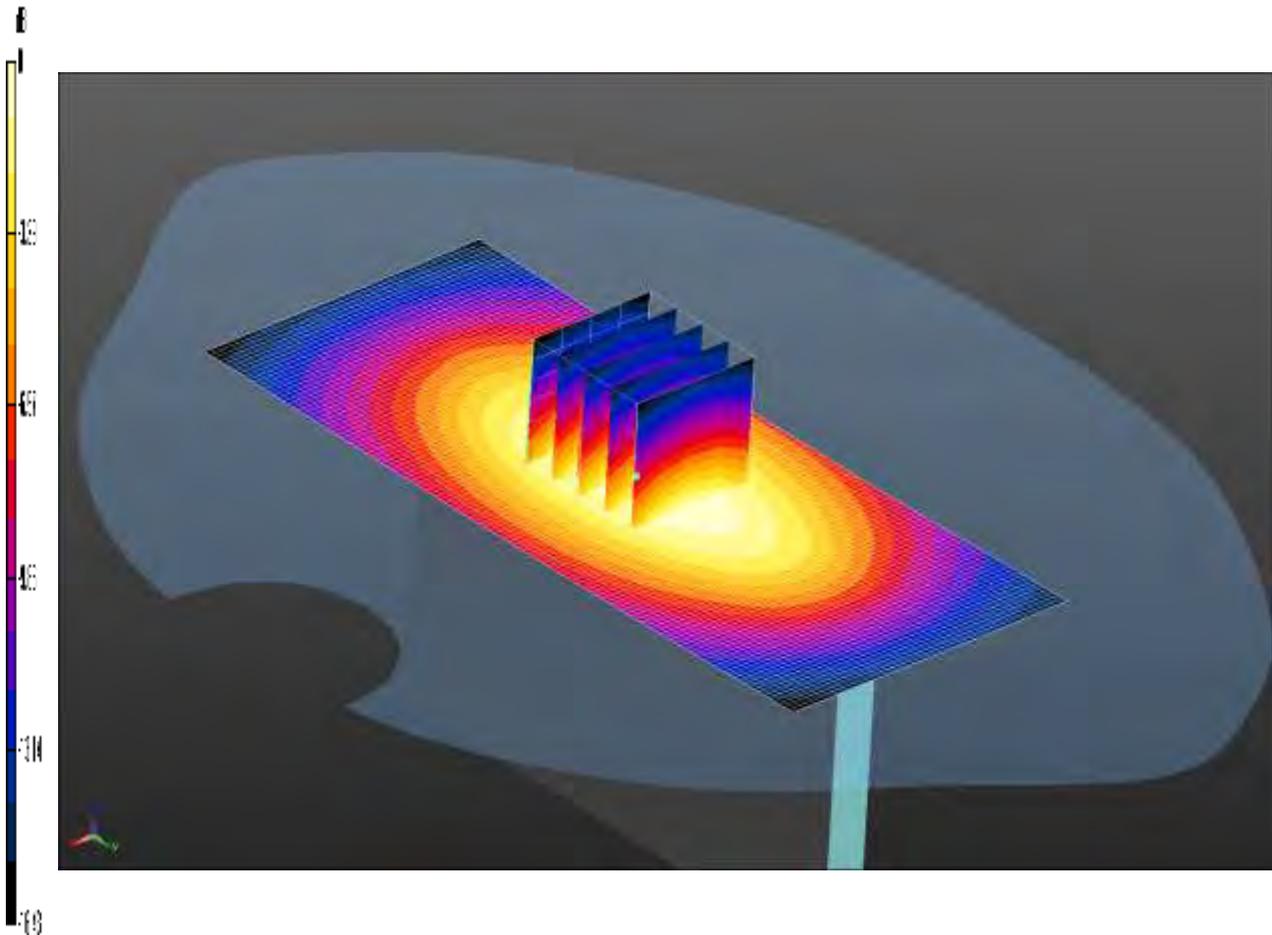
SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (measured) = 0.513 W/kg

SCN/89439JD02/165: Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK
CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.650 W/kg = -1.87 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.650 W/kg

Configuration/Right Hand Side of EUT Facing Phantom/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 27.141 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.806 W/kg

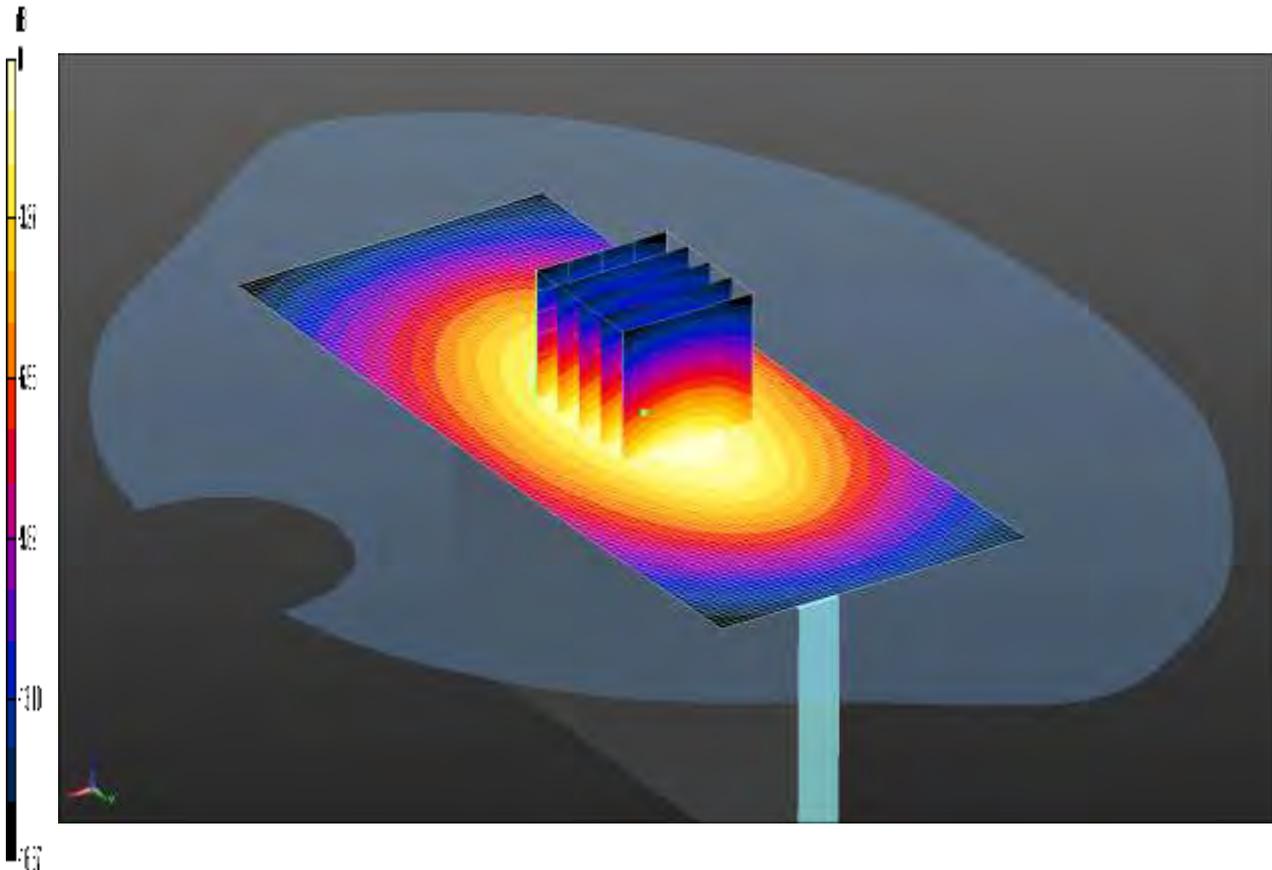
SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.413 W/kg

Maximum value of SAR (measured) = 0.645 W/kg

SCN/89439JD02/166: Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End QPSK CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.660 W/kg = -1.81 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.660 W/kg

Configuration/Right Hand Side of EUT Facing Phantom/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 27.160 V/m; Power Drift = -0.24 dB

Peak SAR (extrapolated) = 0.789 W/kg

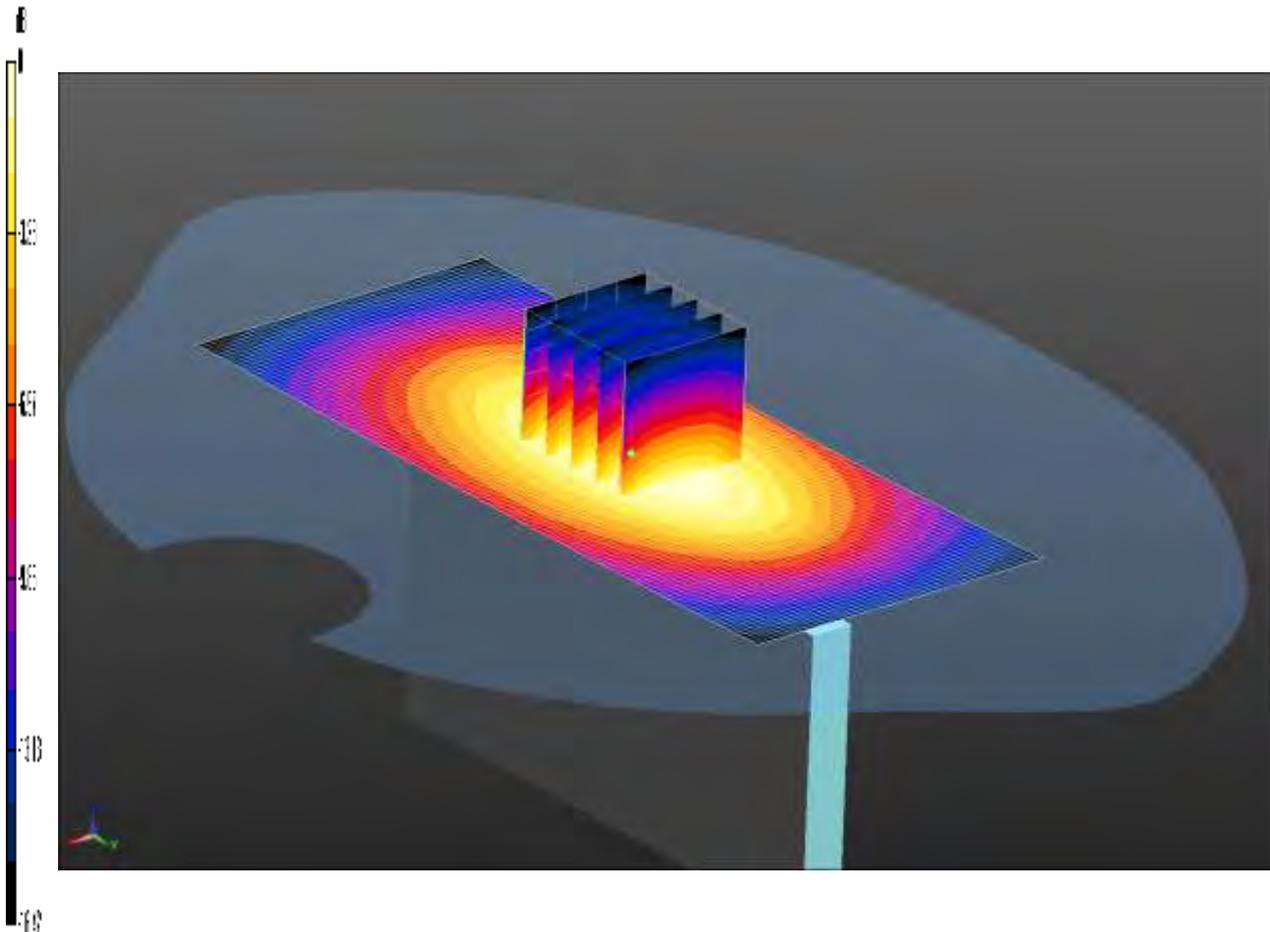
SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.407 W/kg

Maximum value of SAR (measured) = 0.621 W/kg

SCN/89439JD02/167: Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End QPSK CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.623 W/kg = -2.06 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.623 W/kg

Configuration/Right Hand Side of EUT Facing Phantom/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 26.346 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.801 W/kg

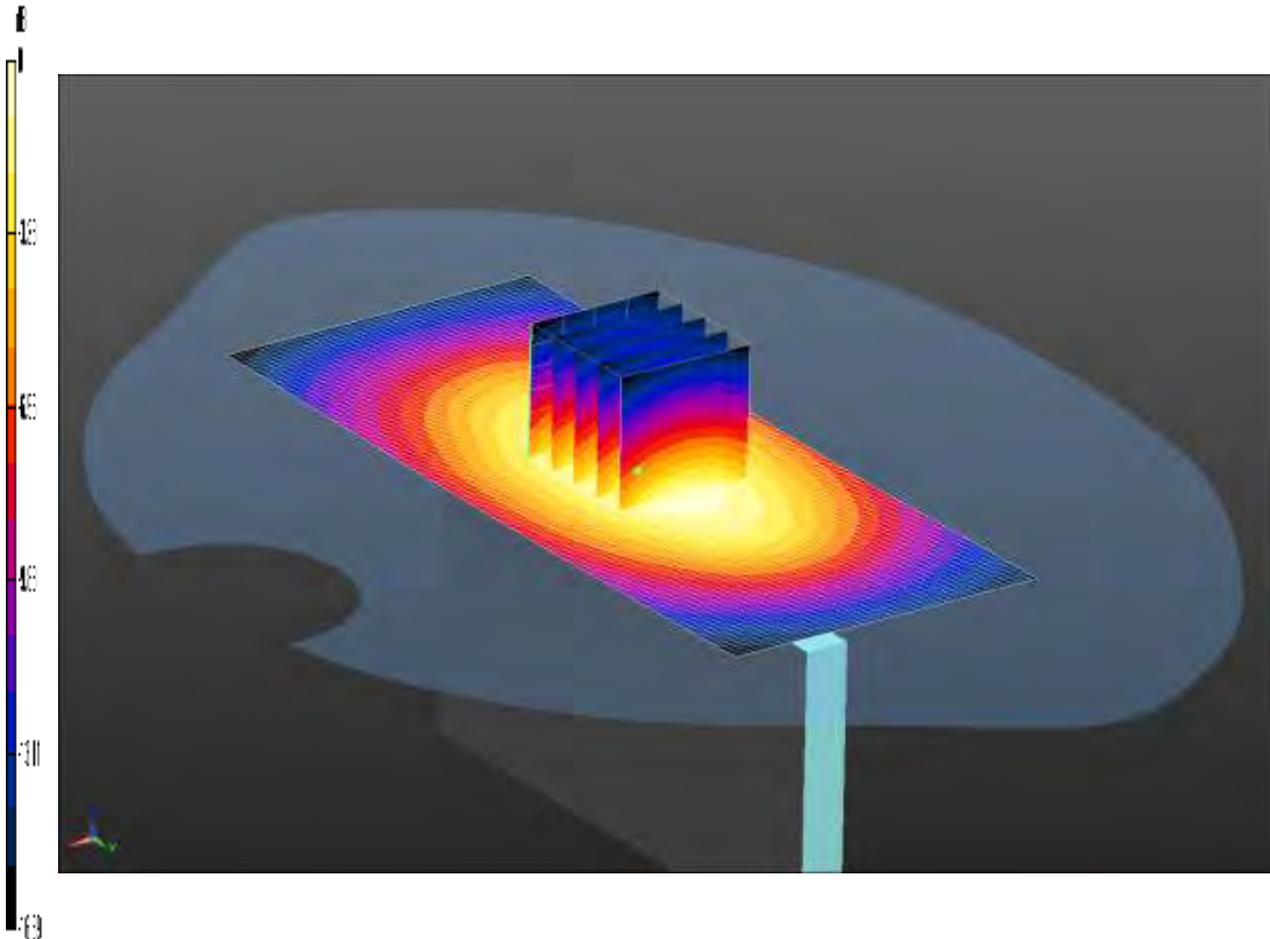
SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.409 W/kg

Maximum value of SAR (measured) = 0.639 W/kg

SCN/89439JD02/168: Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB 16-QAM
CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.504 W/kg = -2.98 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.504 W/kg

Configuration/Right Hand Side of EUT Facing Phantom/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 23.661 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.638 W/kg

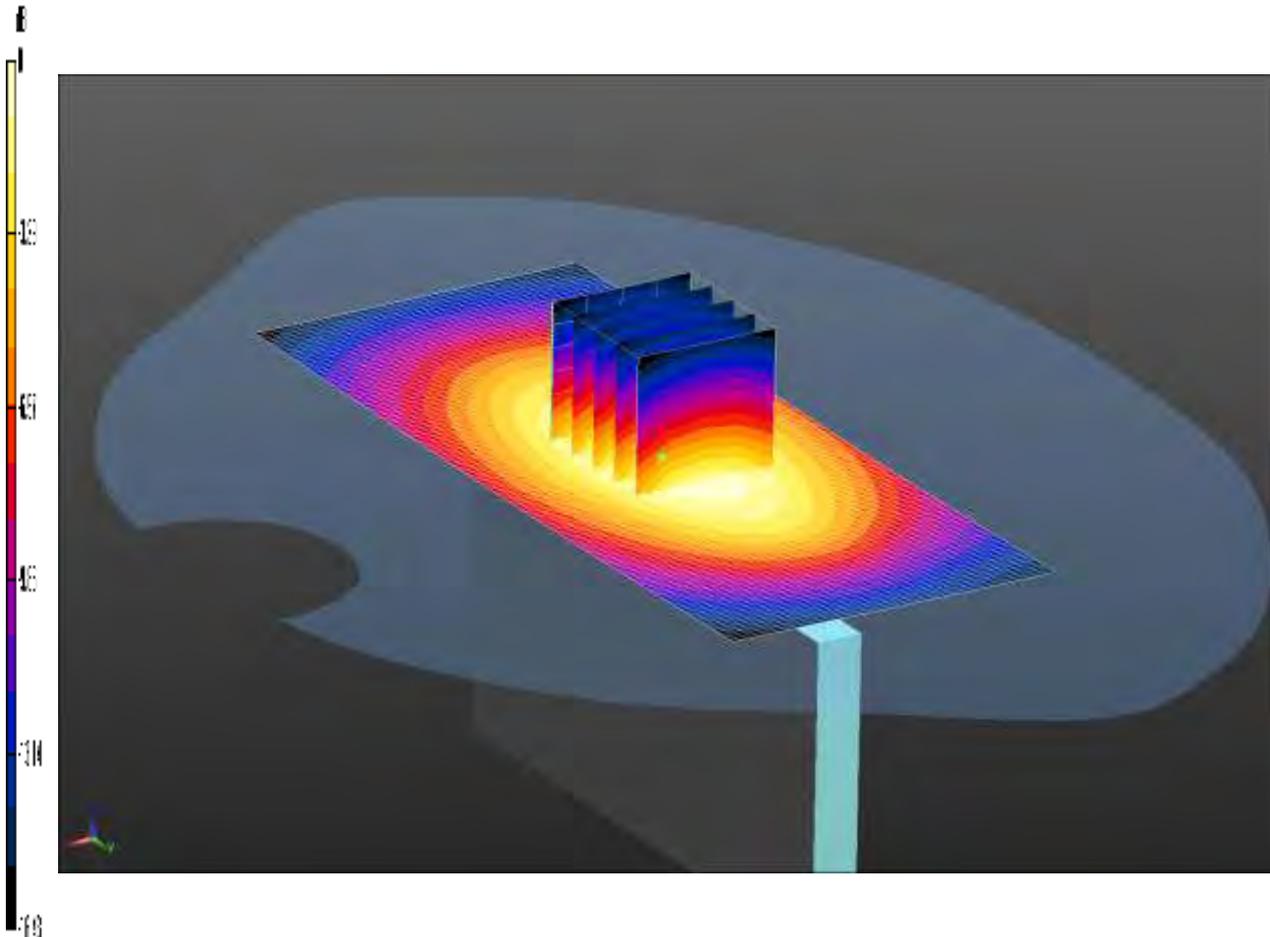
SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 0.504 W/kg

SCN/89439JD02/169: Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End 16-QAM CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



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

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

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

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

Configuration/Right Hand Side of EUT Facing Phantom/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 24.115 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.639 W/kg

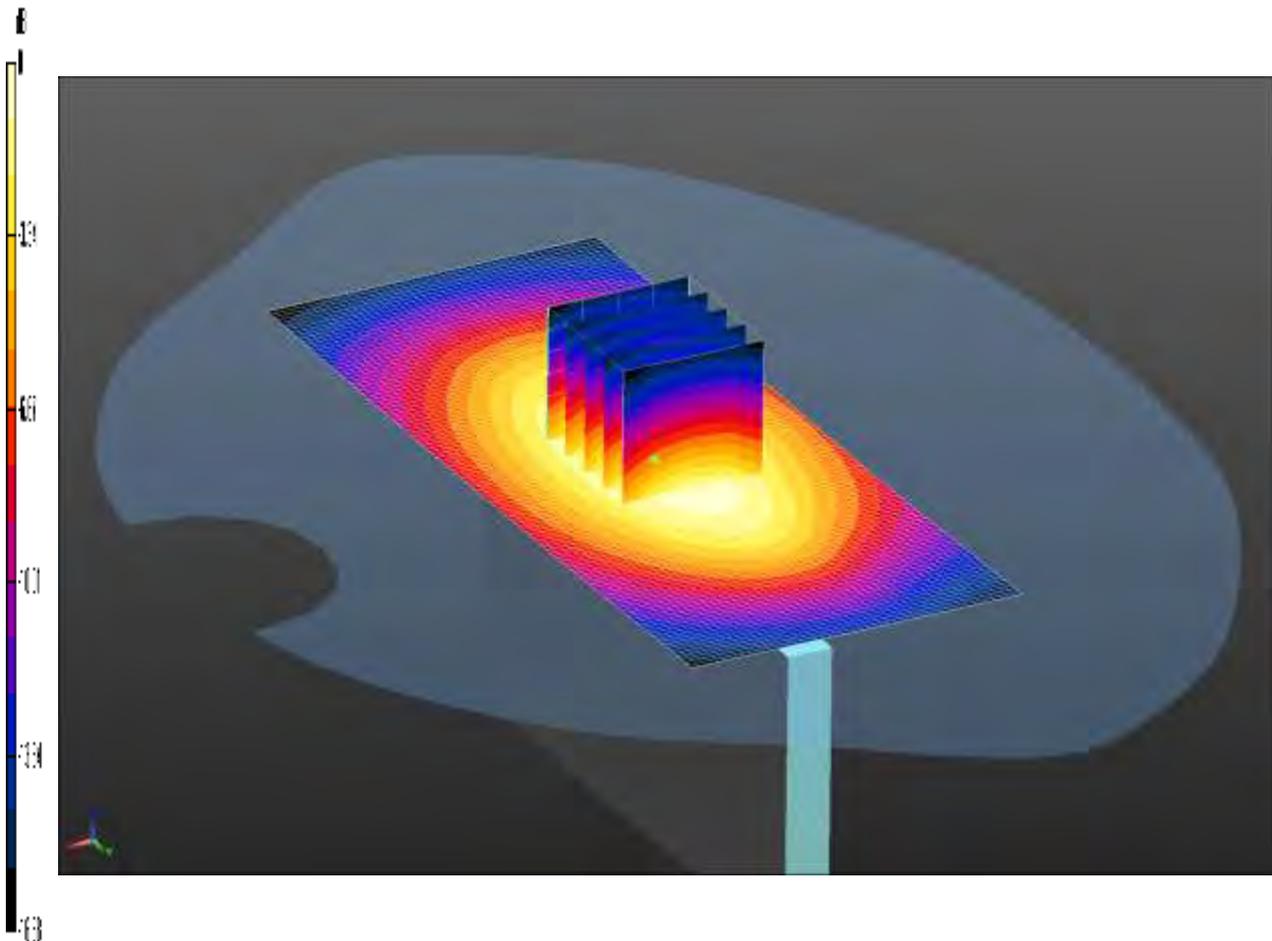
SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.332 W/kg

Maximum value of SAR (measured) = 0.506 W/kg

SCN/89439JD02/170: Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End 16-QAM CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.506 W/kg = -2.96 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.506 W/kg

Configuration/Right Hand Side of EUT Facing Phantom/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 24.317 V/m; Power Drift = -0.30 dB

Peak SAR (extrapolated) = 0.607 W/kg

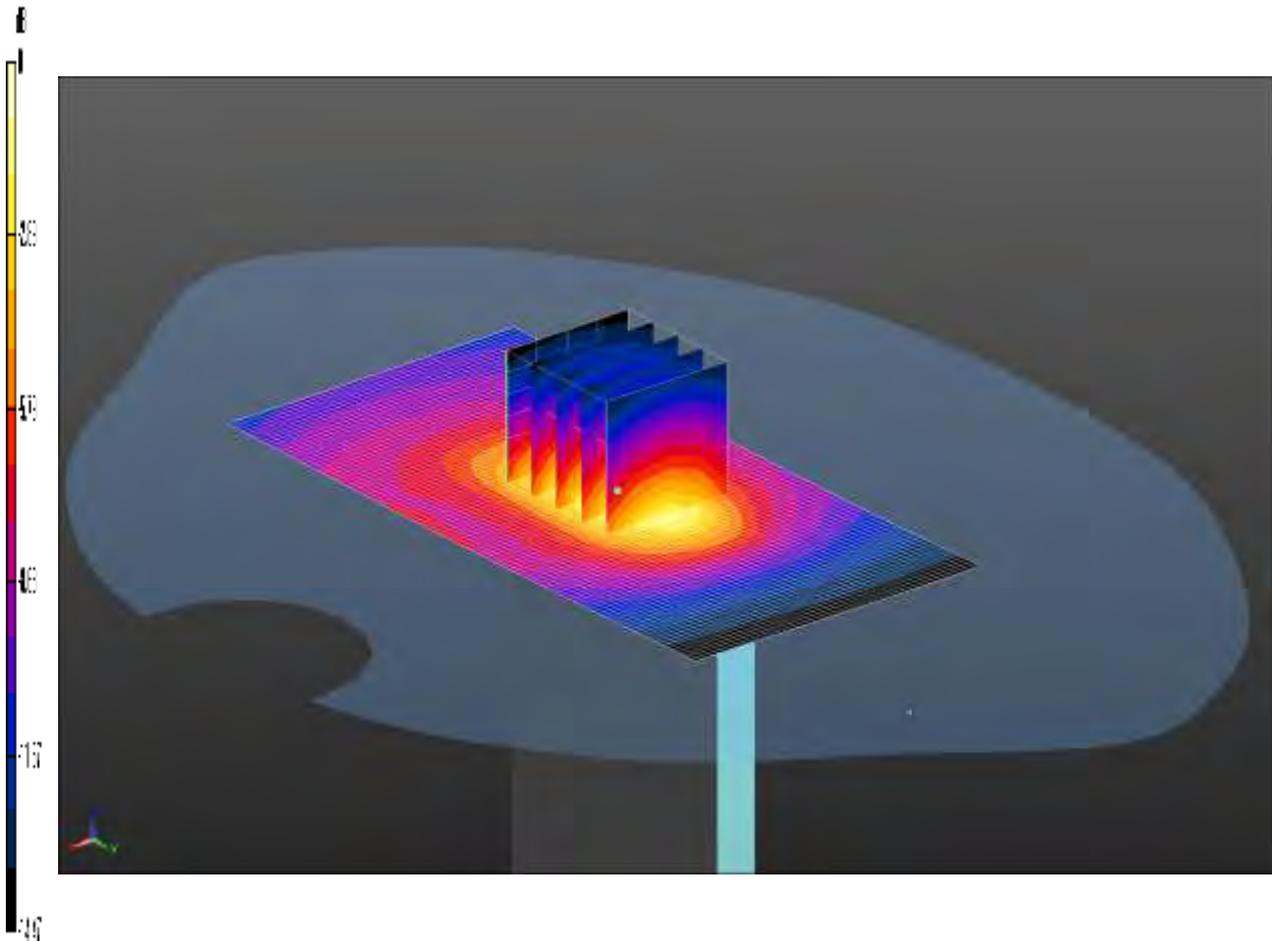
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.316 W/kg

Maximum value of SAR (measured) = 0.486 W/kg

SCN/89439JD02/171: Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.183 W/kg = -7.38 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Bottom of EUT Facing Phantom/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.183 W/kg

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

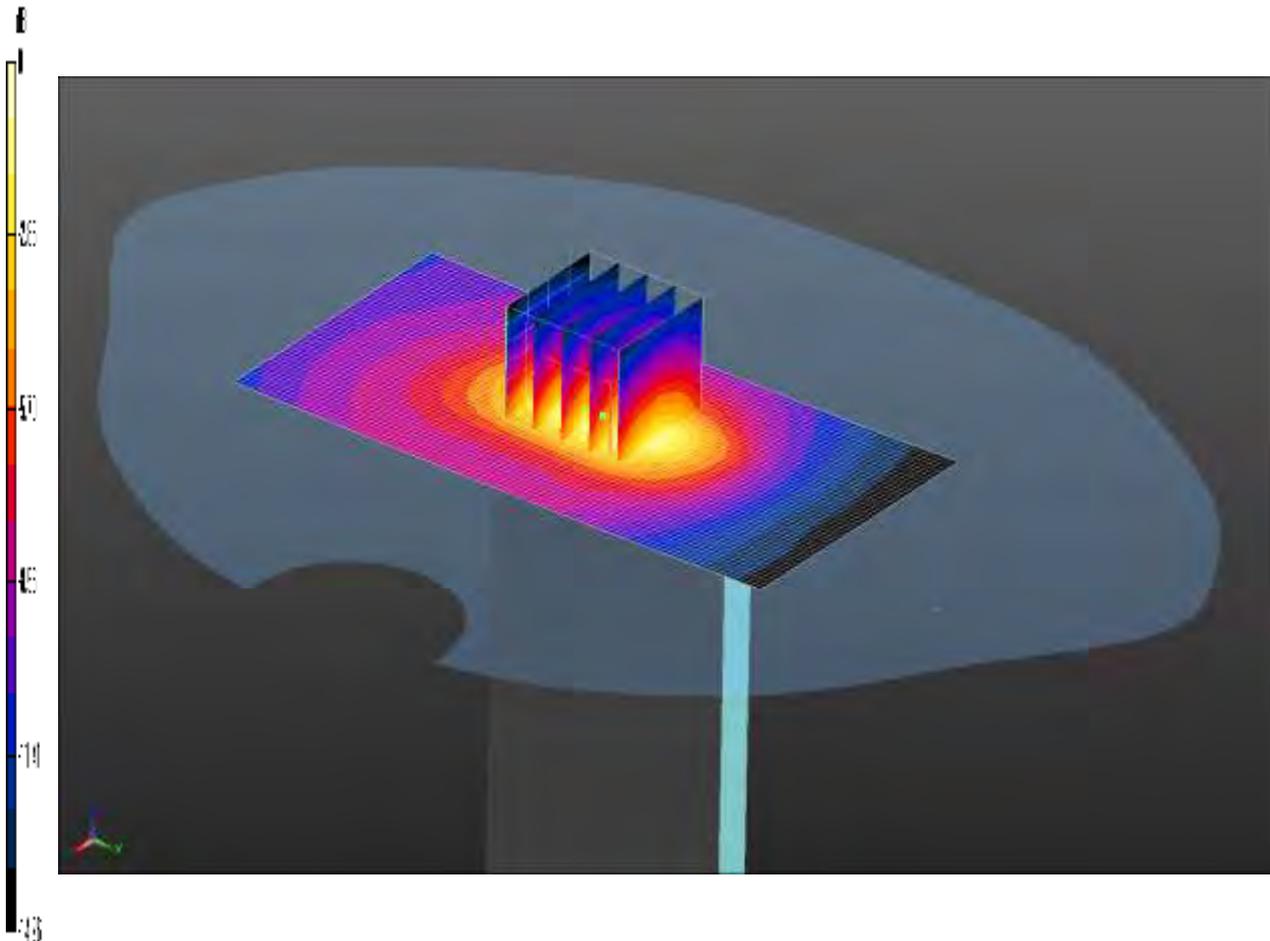
Reference Value = 14.478 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.196 W/kg

SCN/89439JD02/172: Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End QPSK CH20525
 Date: 12/11/2012
 DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.182 W/kg = -7.39 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Bottom of EUT Facing Phantom/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.182 W/kg

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

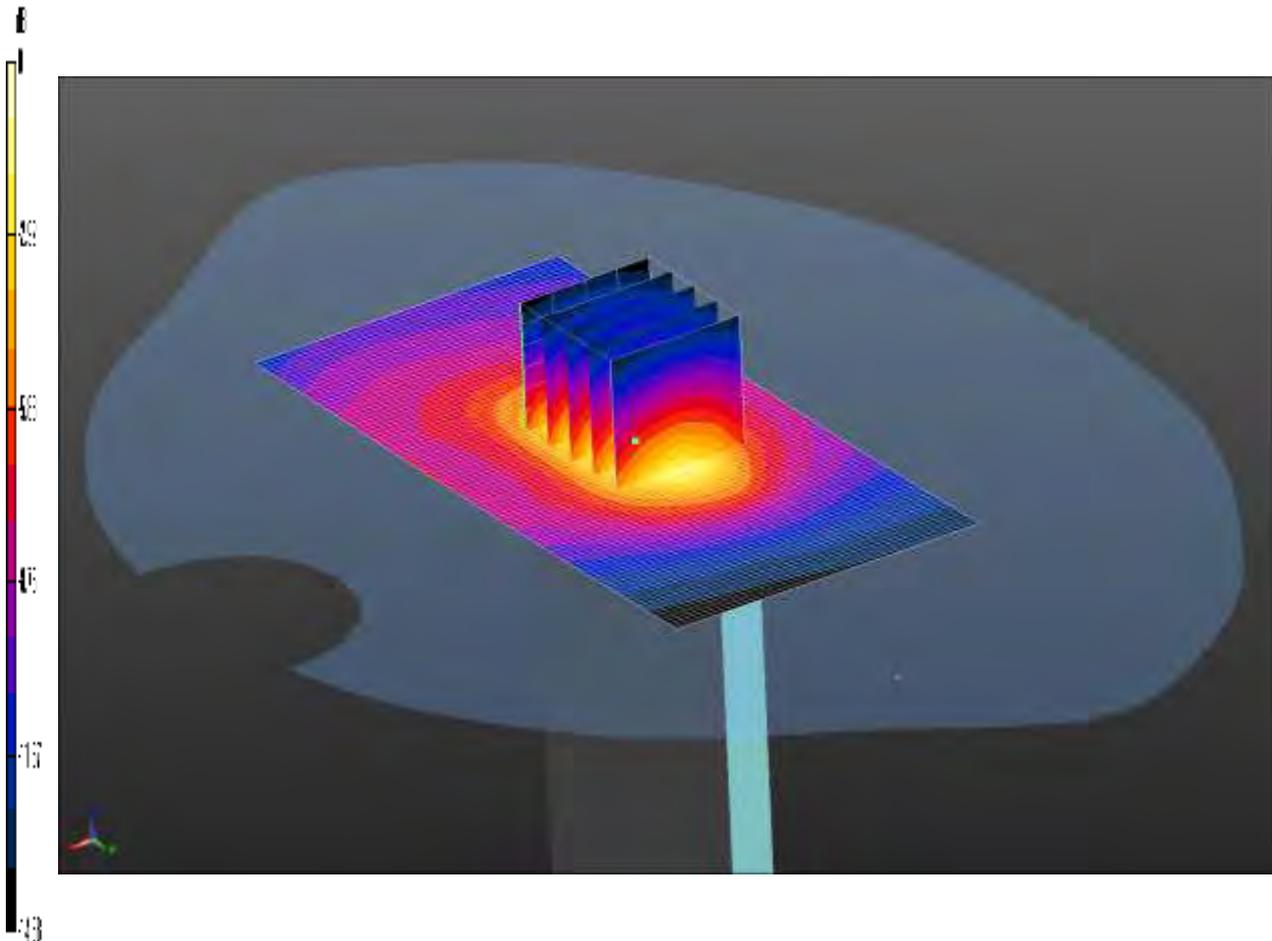
Reference Value = 14.109 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.198 W/kg

SCN/89439JD02/173: Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End QPSK CH20525
 Date: 12/11/2012
 DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.178 W/kg = -7.50 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Bottom of EUT Facing Phantom/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.178 W/kg

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

Reference Value = 13.831 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.330 W/kg

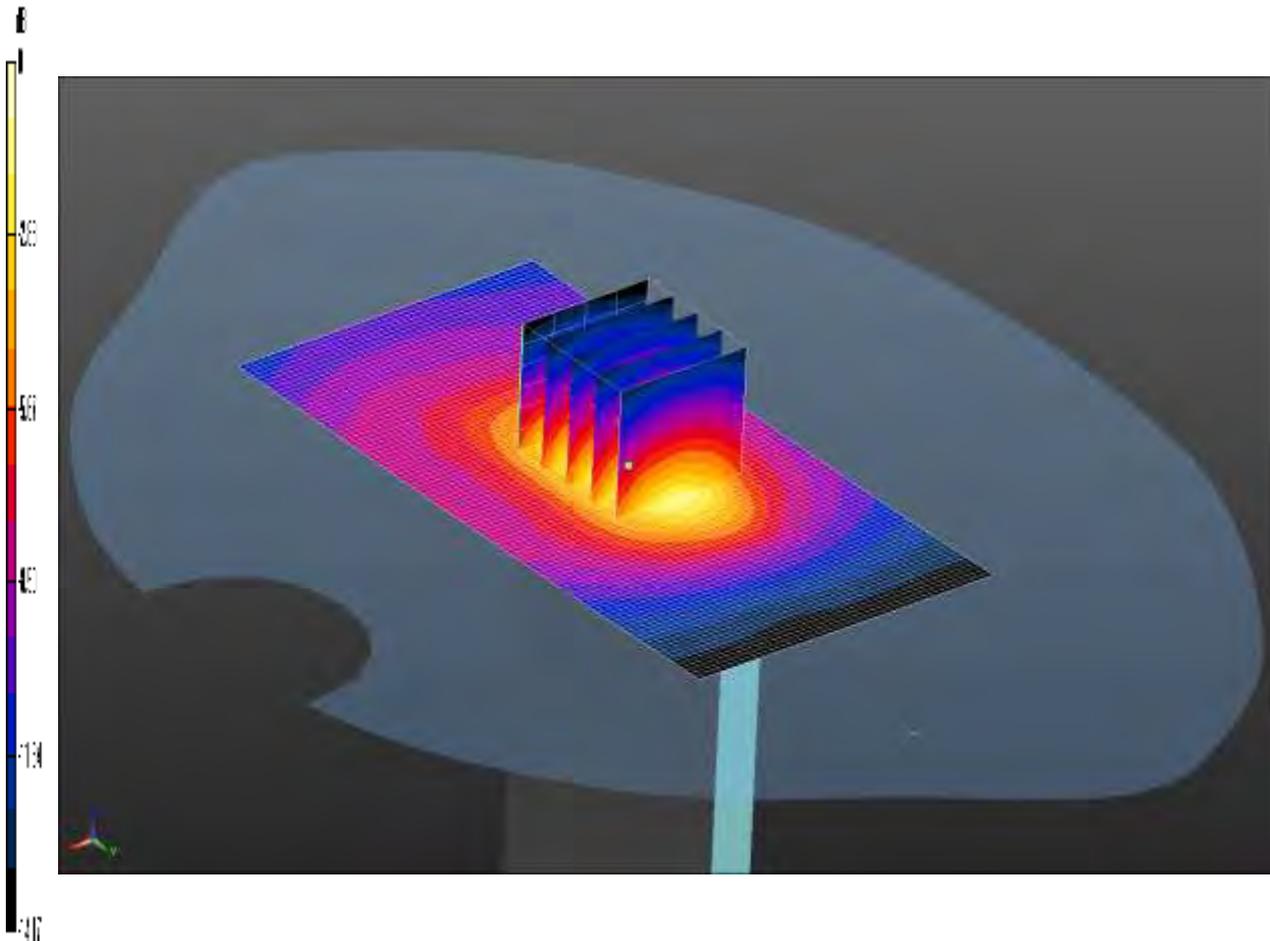
SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.188 W/kg

SCN/89439JD02/174: Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 50%RB 16-QAM CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.143 W/kg = -8.45 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Bottom of EUT Facing Phantom/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.143 W/kg

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

Reference Value = 12.390 V/m; Power Drift = 0.25 dB

Peak SAR (extrapolated) = 0.273 W/kg

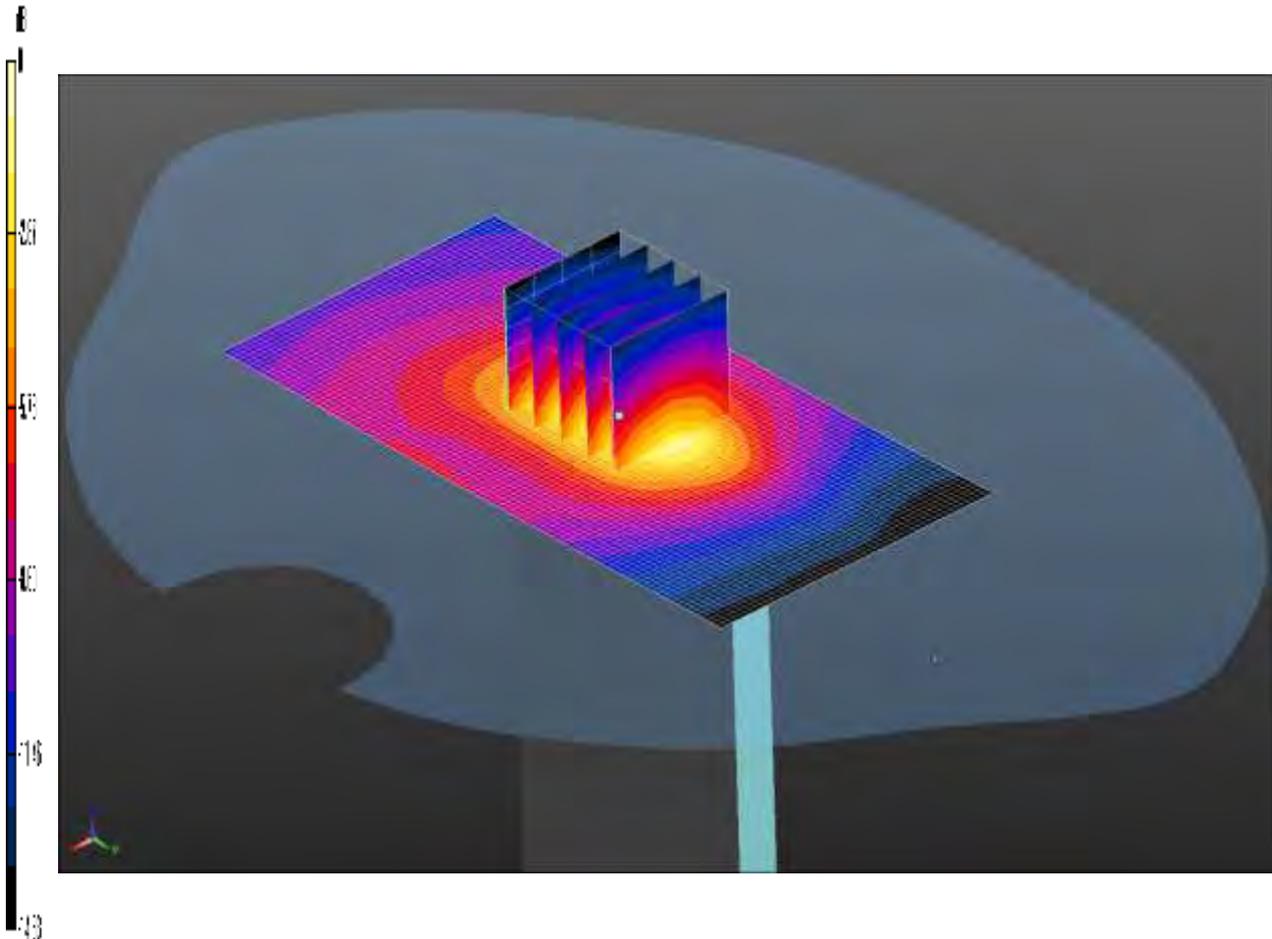
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.151 W/kg

SCN/89439JD02/175: Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Low End 16-QAM
CH20525

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.143 W/kg = -8.44 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Bottom of EUT Facing Phantom/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.143 W/kg

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

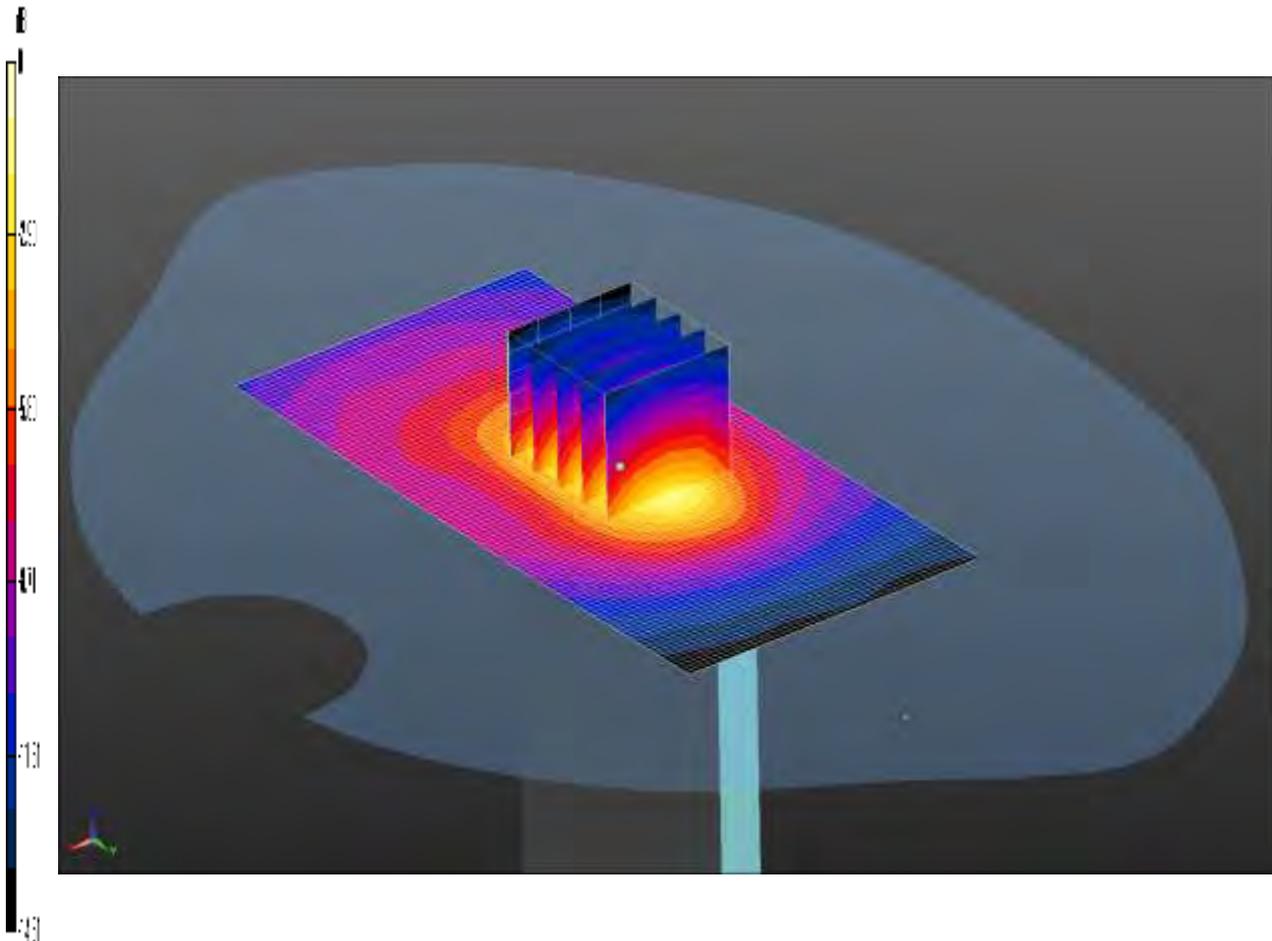
Reference Value = 12.413 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.153 W/kg

SCN/89439JD02/176: Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB High End 16-QAM CH2052
 Date: 12/11/2012
 DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.141 W/kg = -8.49 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 56.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Bottom of EUT Facing Phantom/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.141 W/kg

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

Reference Value = 12.521 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.264 W/kg

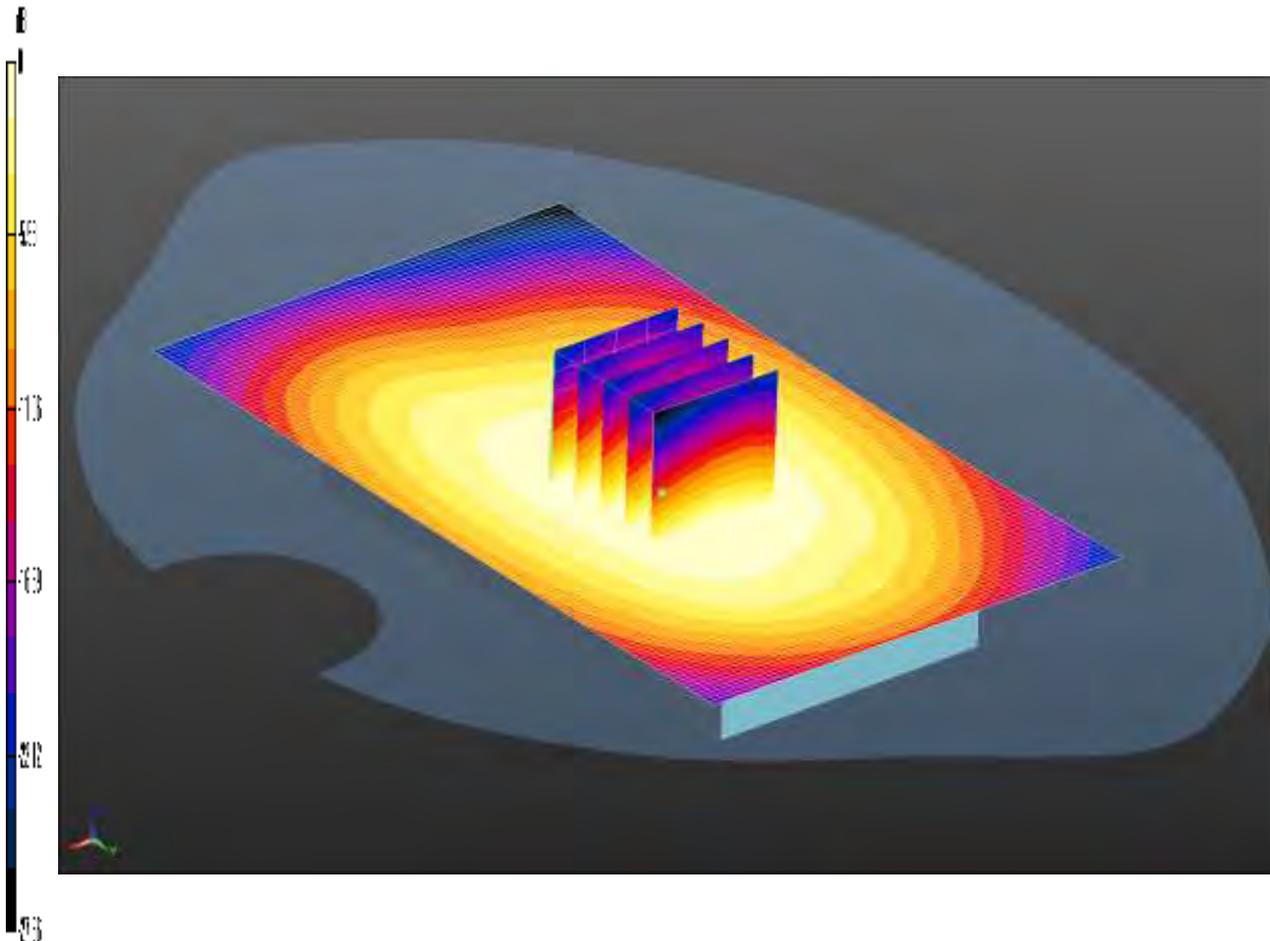
SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.155 W/kg

SCN/89439JD02/177: Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20407

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.875 W/kg = -0.58 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 56.233$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.875 W/kg

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

Reference Value = 31.094 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.02 W/kg

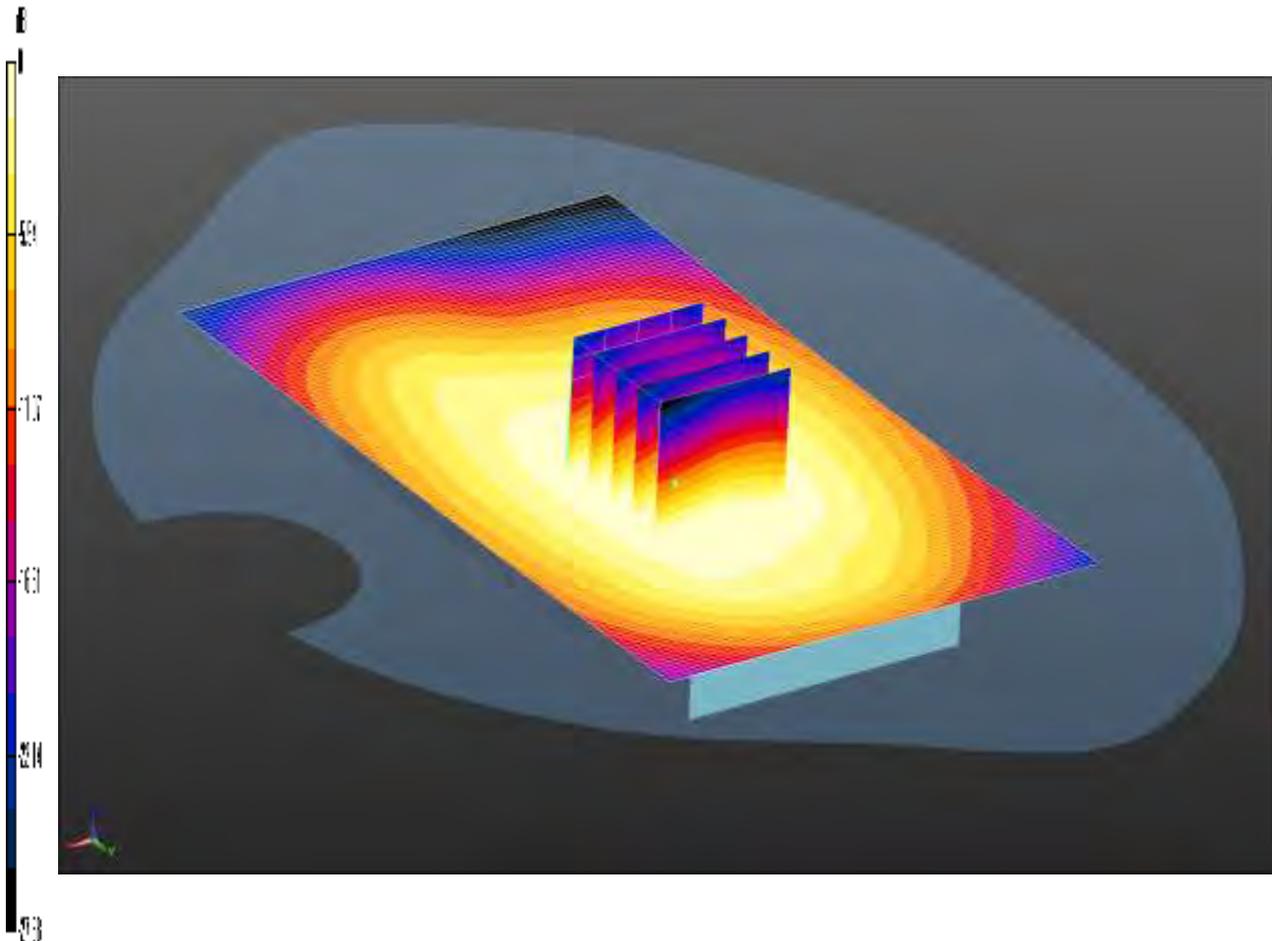
SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.665 W/kg

Maximum value of SAR (measured) = 0.888 W/kg

SCN/89439JD02/178: Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20643

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.787 W/kg = -1.04 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 848.3 MHz; Duty Cycle: 1:1
 Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.3$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 56.151$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

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

Maximum value of SAR (interpolated) = 0.787 W/kg

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

Reference Value = 28.277 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.889 W/kg

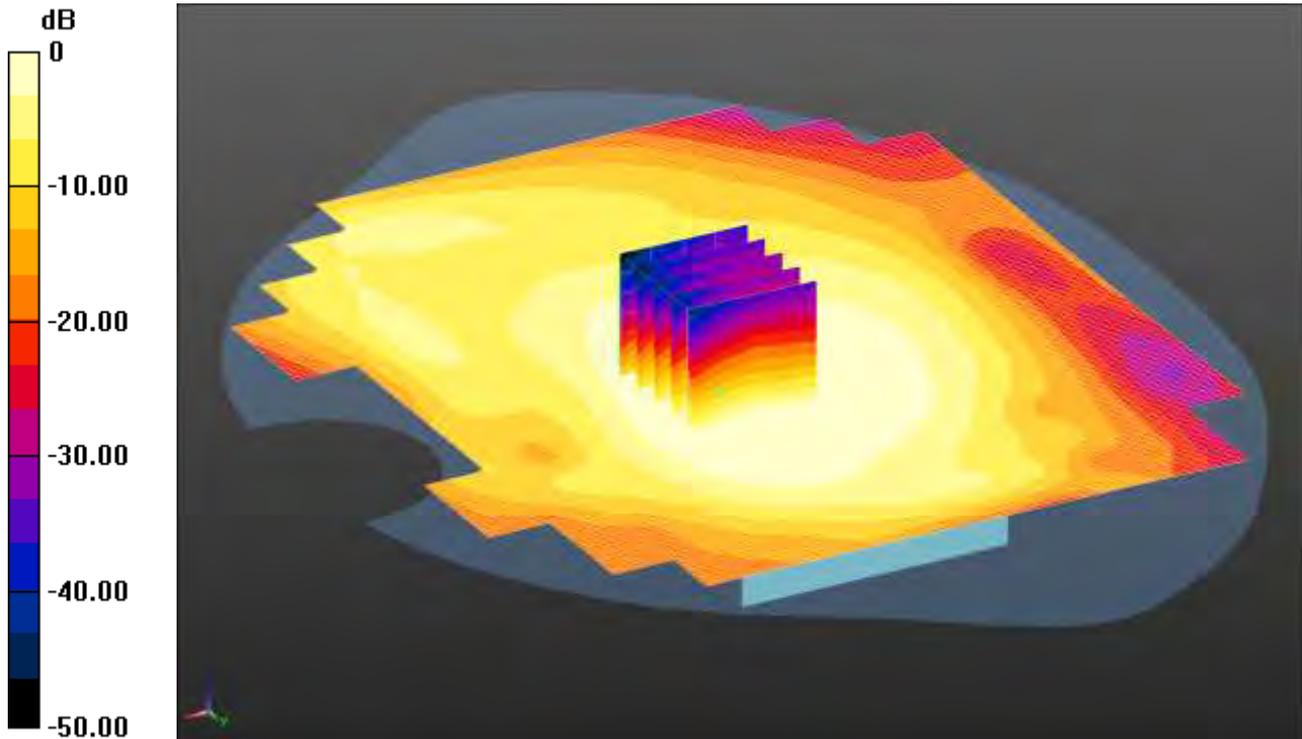
SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.581 W/kg

Maximum value of SAR (measured) = 0.773 W/kg

SCN/89439JD02/179: Front of EUT Facing Phantom at 15mm With PHF LTE Band 5 1.4MHz BW 1 RB Low End QPSK CH20407

Date: 12/11/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KTGY5



0 dB = 0.681 W/kg = -1.67 dBW/kg

Communication System: LTE Band 5/ 1.4 MHz Channel BW; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 56.233$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

Configuration/Front of EUT Facing Phantom/Area Scan (121x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.681 W/kg

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

Reference Value = 26.617 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.784 W/kg

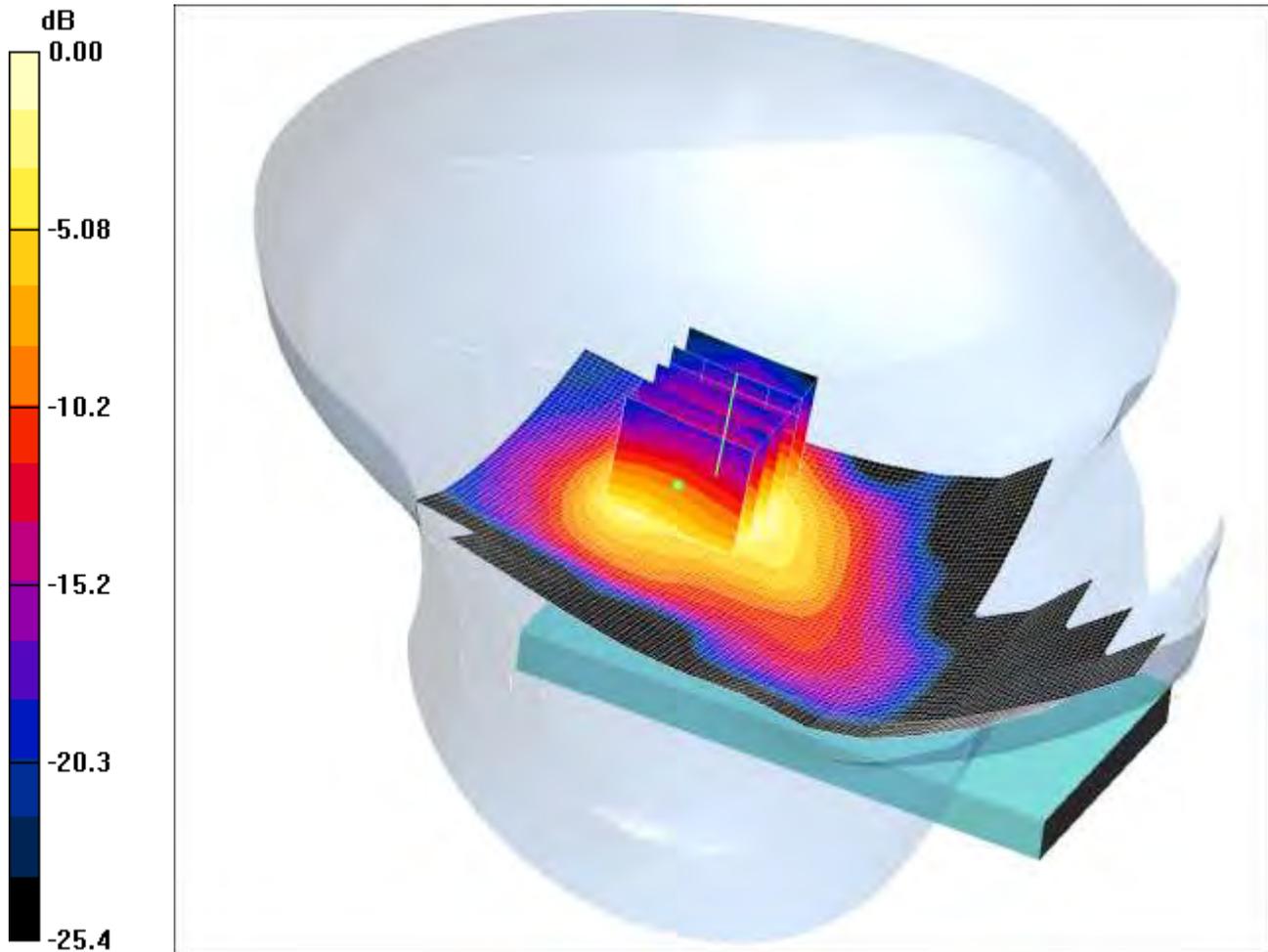
SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.490 W/kg

Maximum value of SAR (measured) = 0.667 W/kg

SCN/89439JD02/180: Touch Left WLAN802.11g 6Mbps CH6

Date: 17/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.173mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.31, 4.31, 4.31); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.182 mW/g

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

Reference Value = 4.99 V/m; Power Drift = 0.050 dB

Peak SAR (extrapolated) = 0.433 W/kg

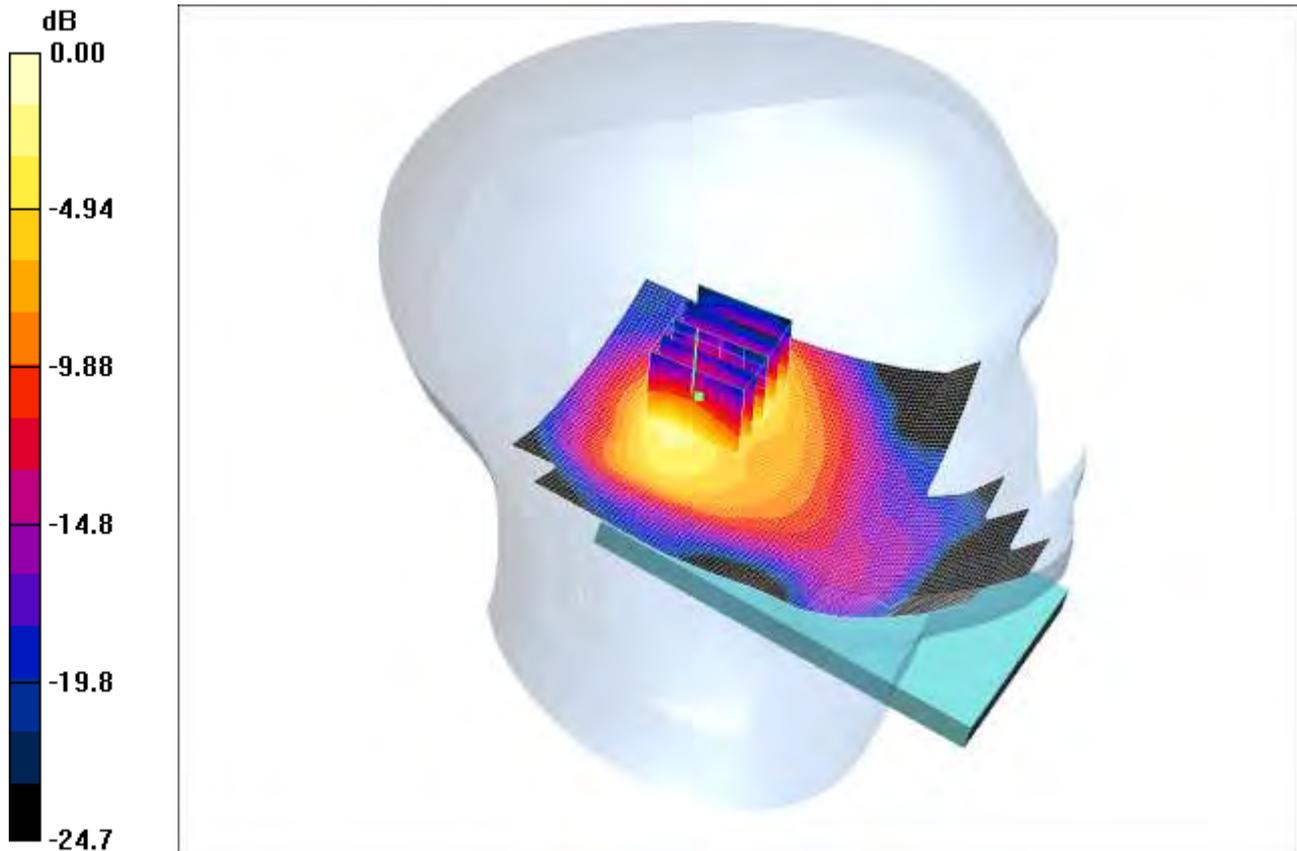
SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.081 mW/g

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

SCN/89439JD02/181: Tilt Left WLAN802.11g 6Mbps CH6

Date: 17/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.125mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.31, 4.31, 4.31); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.141 mW/g

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

Reference Value = 5.82 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.297 W/kg

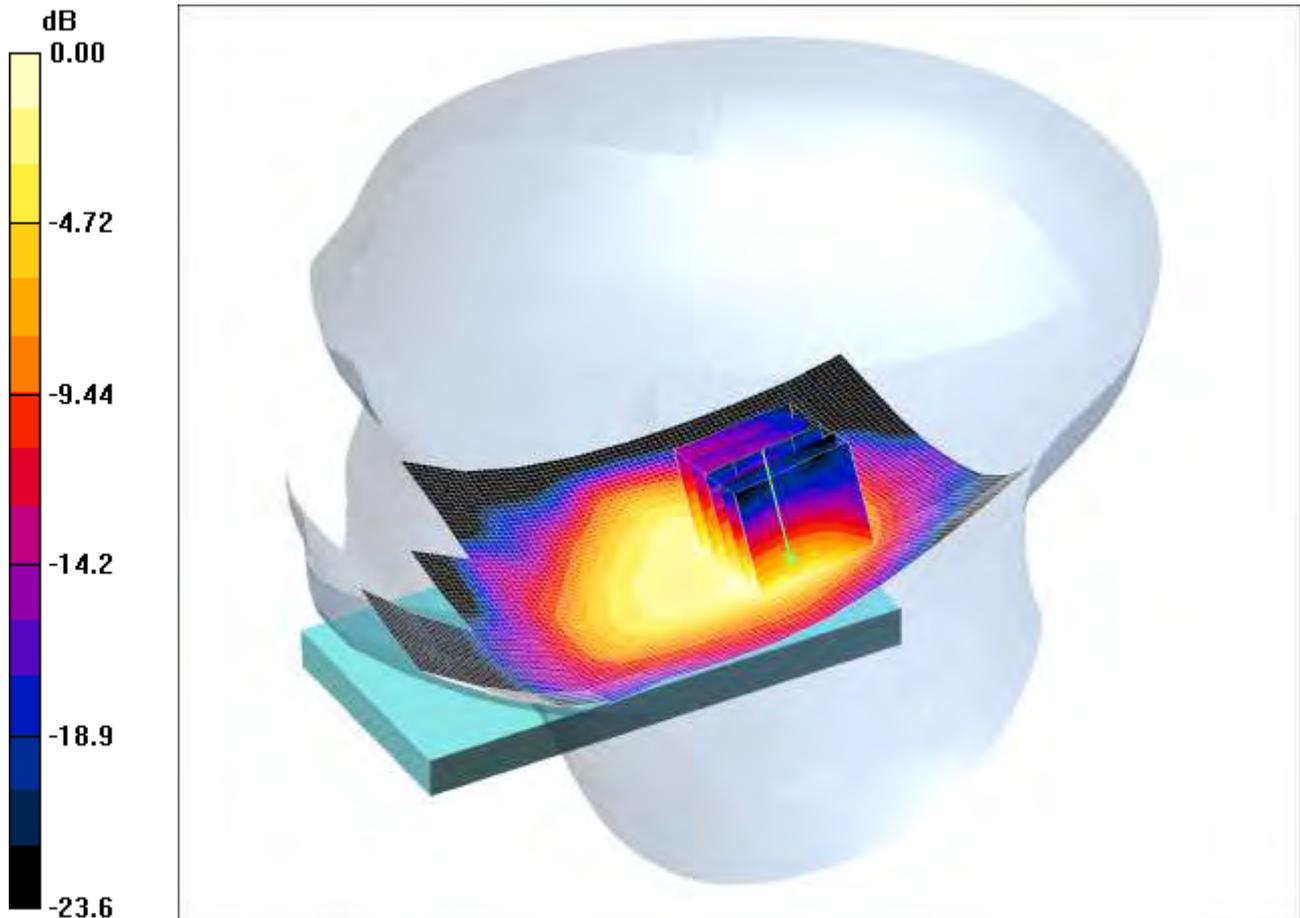
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.054 mW/g

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

SCN/89439JD02/182: Touch Right WLAN802.11g 6Mbps CH6

Date: 17/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.094mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.31, 4.31, 4.31); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.103 mW/g

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

Reference Value = 5.47 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.047 mW/g

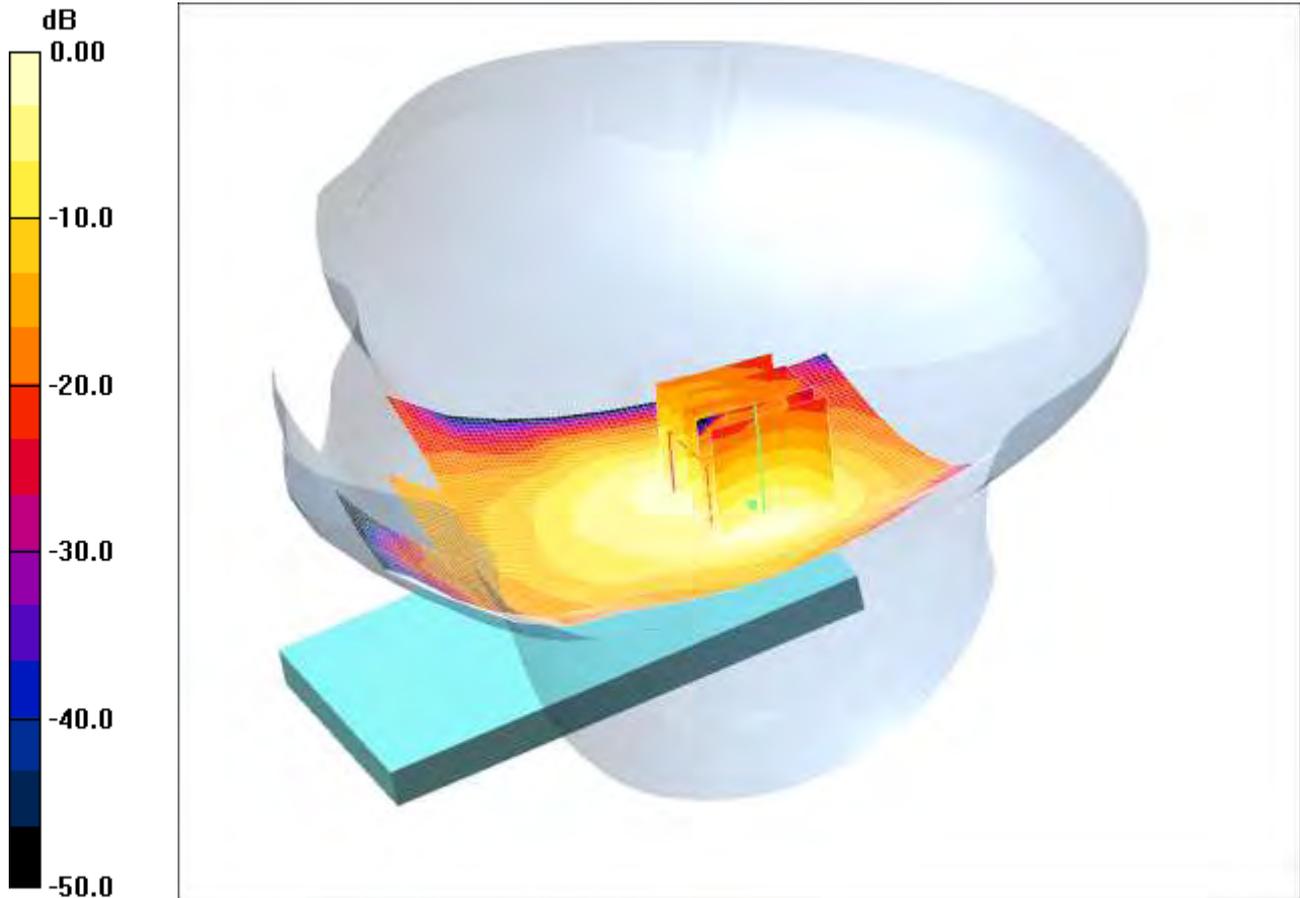
Maximum value of SAR (measured) = 0.094 mW/g

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

SCN/89439JD02/183: Tilt Right WLAN802.11g 6Mbps CH6

Date: 17/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.079mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.31, 4.31, 4.31); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 6.07 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.037 mW/g

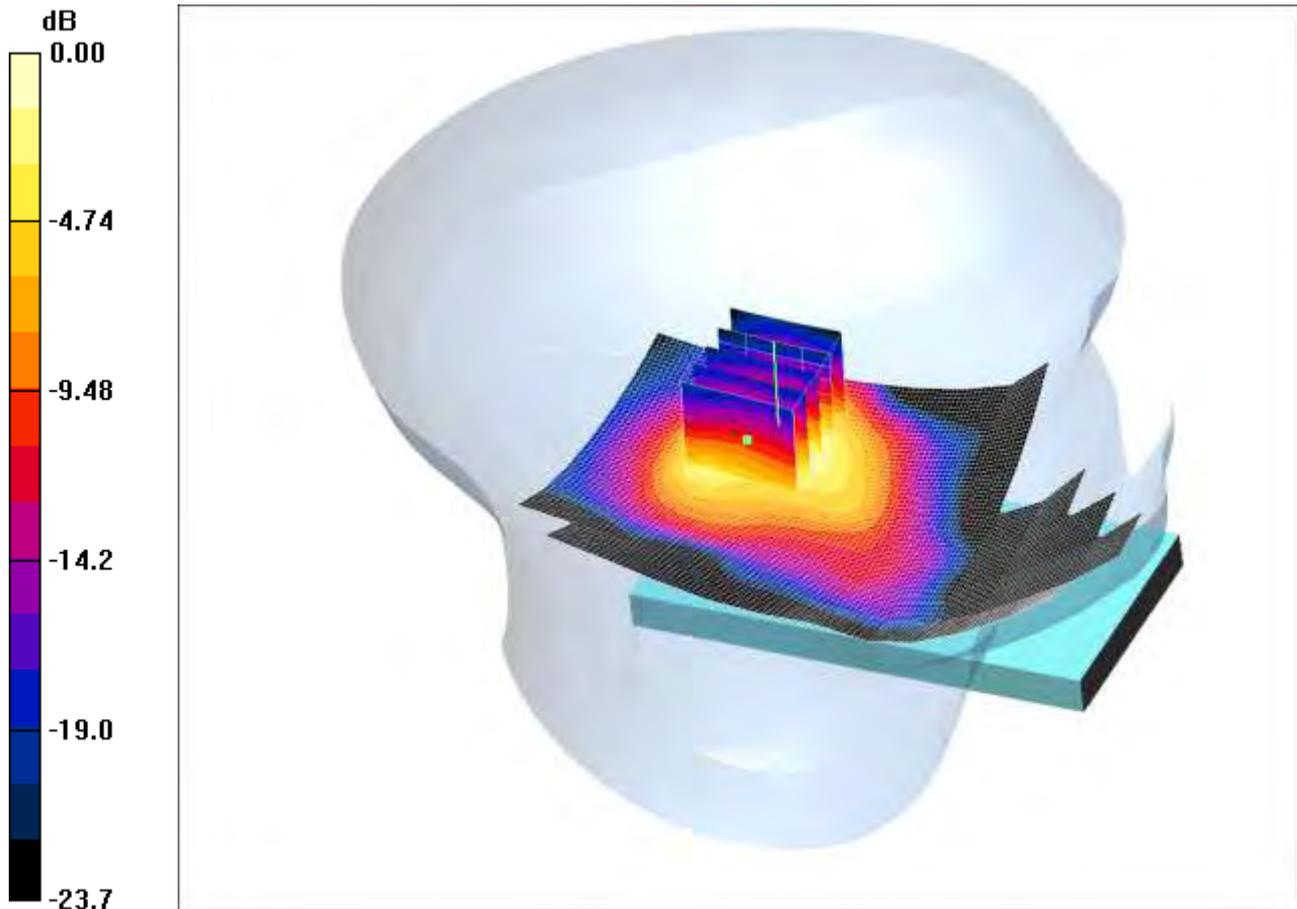
Maximum value of SAR (measured) = 0.079 mW/g

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

SCN/89439JD02/184: Touch Left WLAN802.11g 6Mbps CH1

Date: 17/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.167mW/g

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.8$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.31, 4.31, 4.31); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 4.87 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 0.399 W/kg

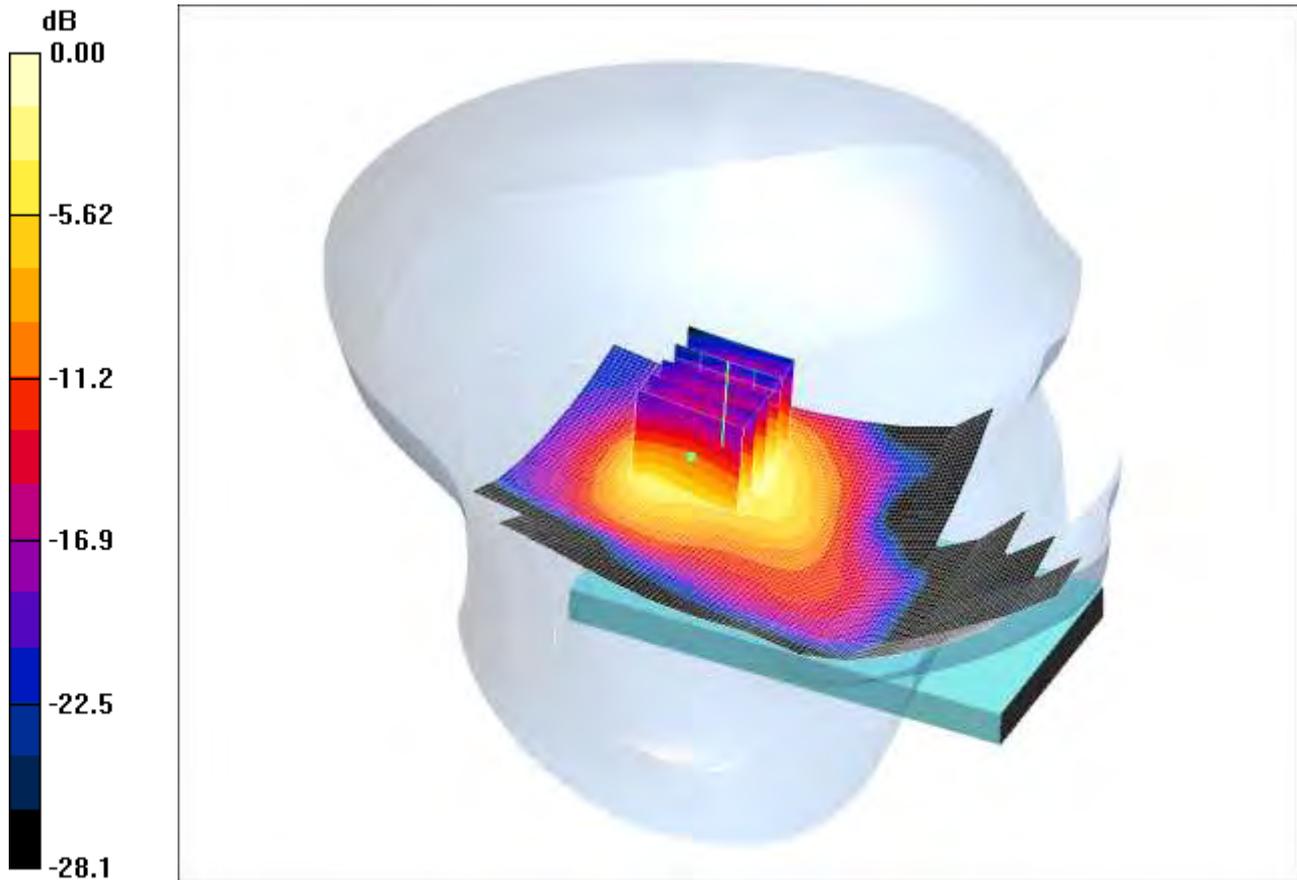
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.076 mW/g

Maximum value of SAR (measured) = 0.167 mW/g

SCN/89439JD02/185: Touch Left WLAN802.11g 6Mbps CH11

Date: 17/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.258mW/g

Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.31, 4.31, 4.31); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.241 mW/g

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

Reference Value = 6.07 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.631 W/kg

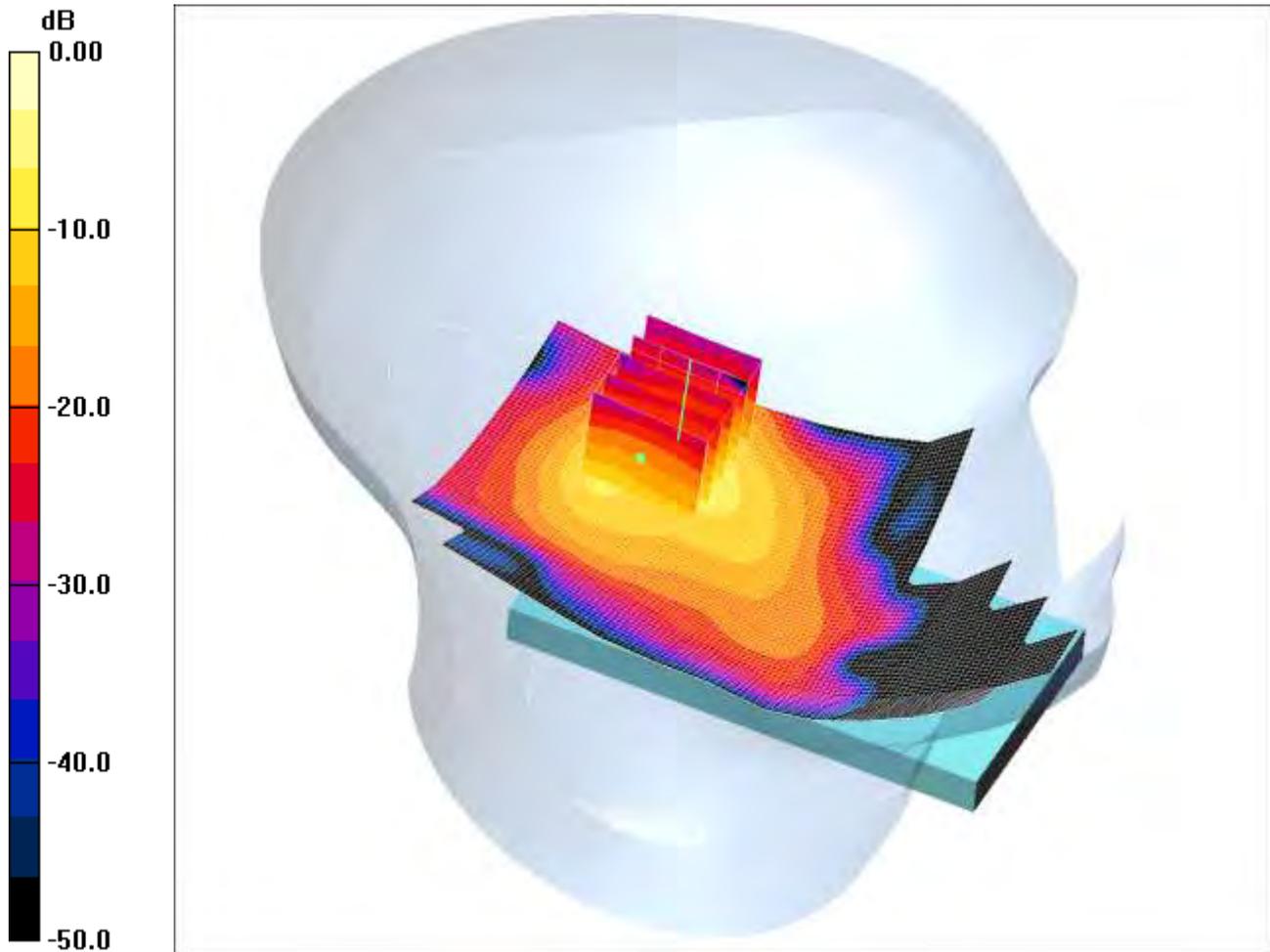
SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.258 mW/g

SCN/89439JD02/186: Touch Left WLAN802.11b 1Mbps CH1

Date 17/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.500mW/g

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.8$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.31, 4.31, 4.31); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 4.48 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 0.289 W/kg

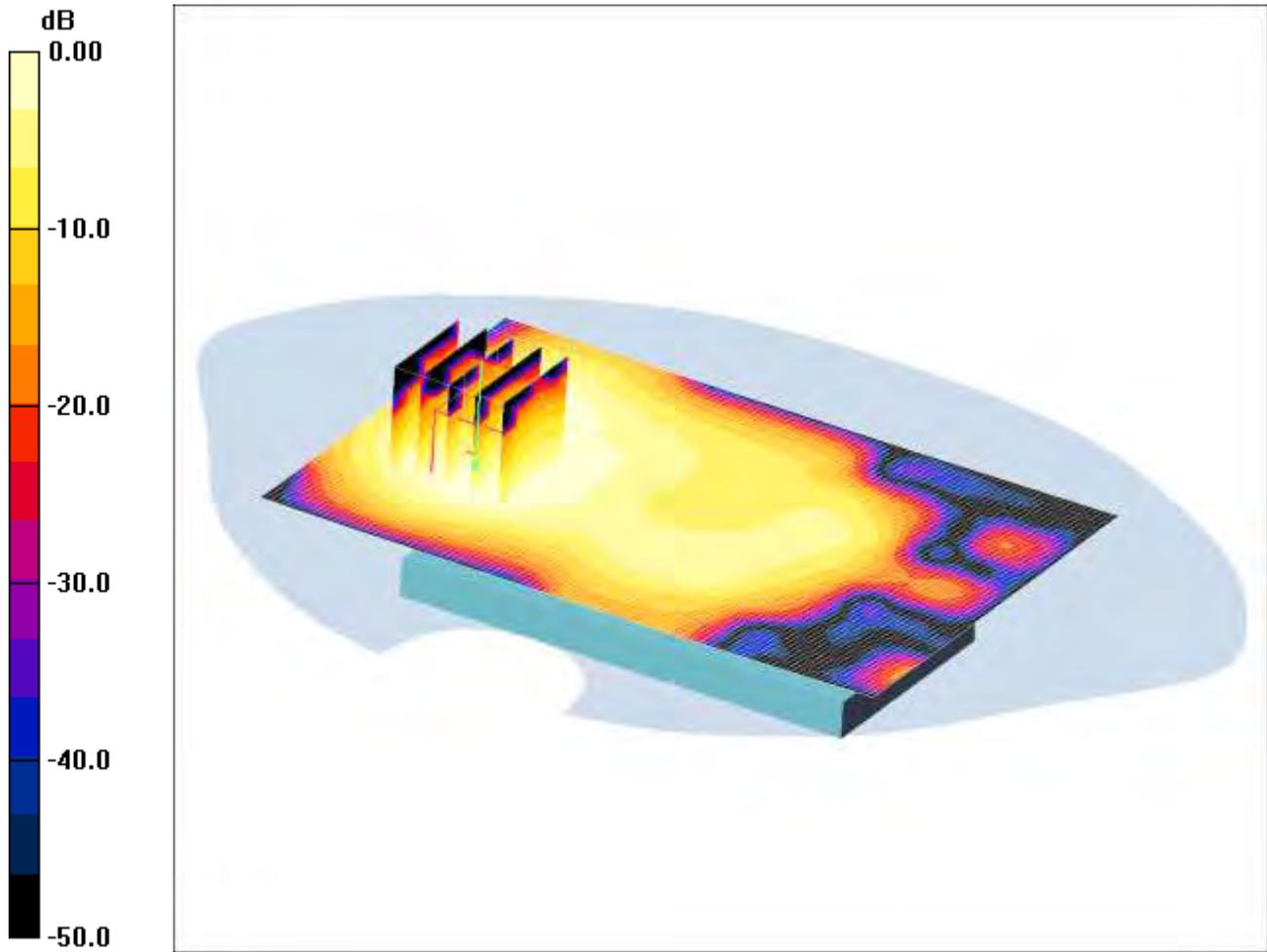
SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.113 mW/g

SCN/89439JD02/187: Front of EUT Facing Phantom WLAN802.11g 6Mbps CH6

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.038mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(3.99, 3.99, 3.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.040 mW/g

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

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

Reference Value = 1.49 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.088 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.020 mW/g

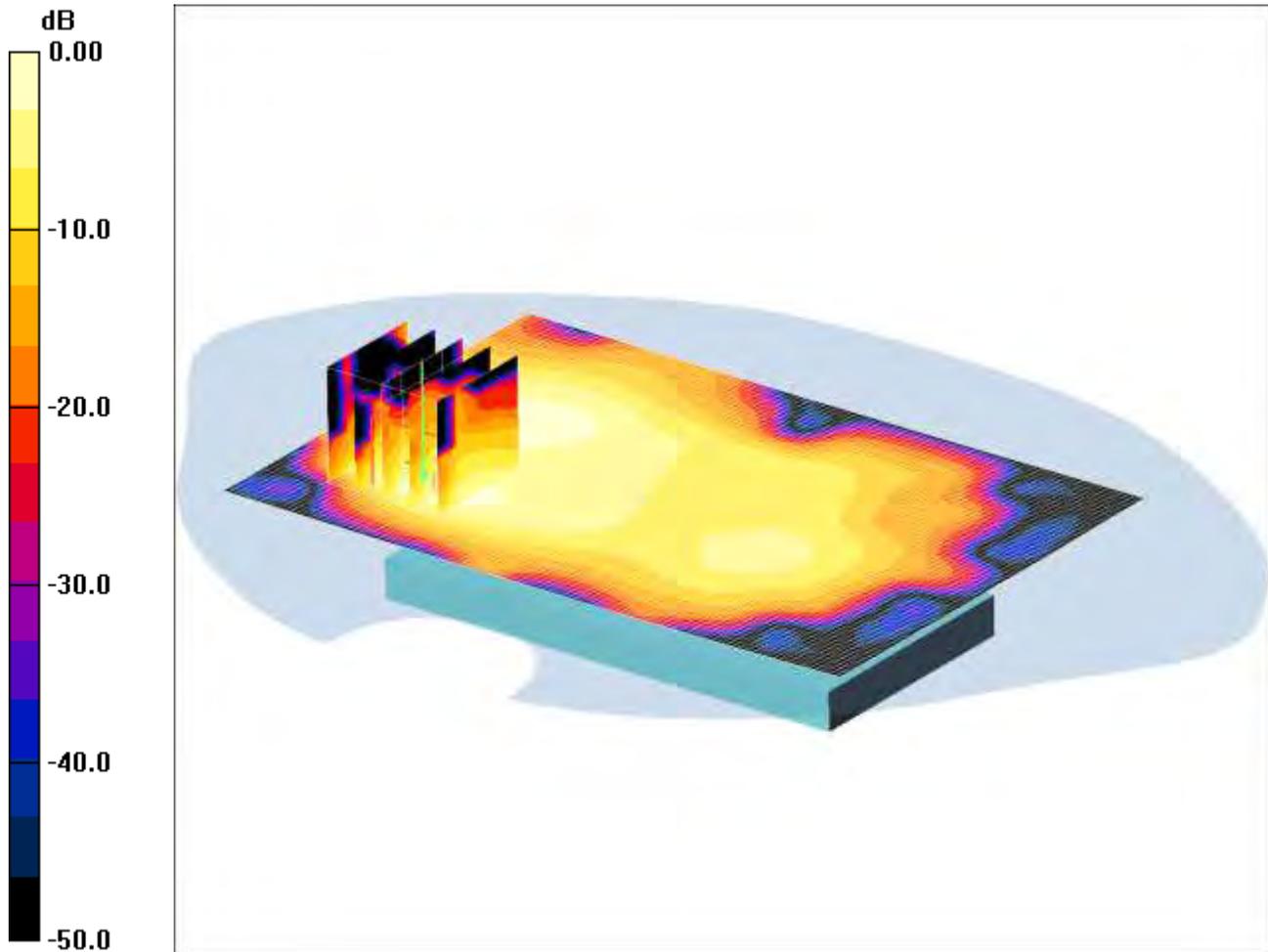
Maximum value of SAR (measured) = 0.038 mW/g

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

SCN/89439JD02/188: Back of EUT Facing Phantom WLAN802.11g 6Mbps CH6

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.036mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(3.99, 3.99, 3.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Middle 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.044 mW/g

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

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

Reference Value = 1.56 V/m; Power Drift = 0.197 dB

Peak SAR (extrapolated) = 0.065 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.012 mW/g

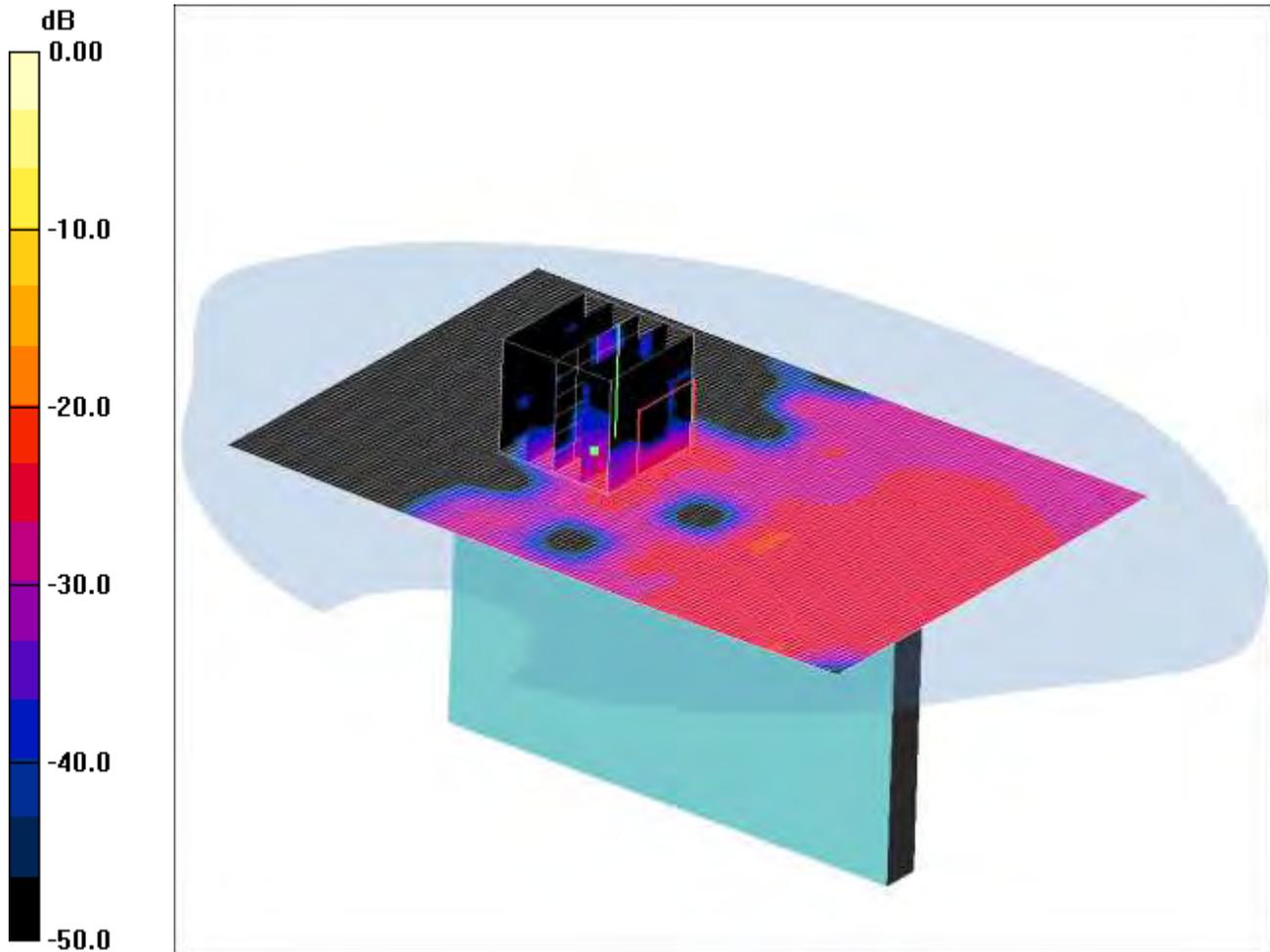
Maximum value of SAR (measured) = 0.036 mW/g

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

SCN/89439JD02/189: Left Hand Side of EUT Facing Phantom WLAN802.11g 6Mbps CH6

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.00mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(3.99, 3.99, 3.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side of EUT Facing Phantom - Middle 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.01 mW/g

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

Reference Value = 0.919 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.020 W/kg

SAR(1 g) = 0.00453 mW/g; SAR(10 g) = 0.00174 mW/g

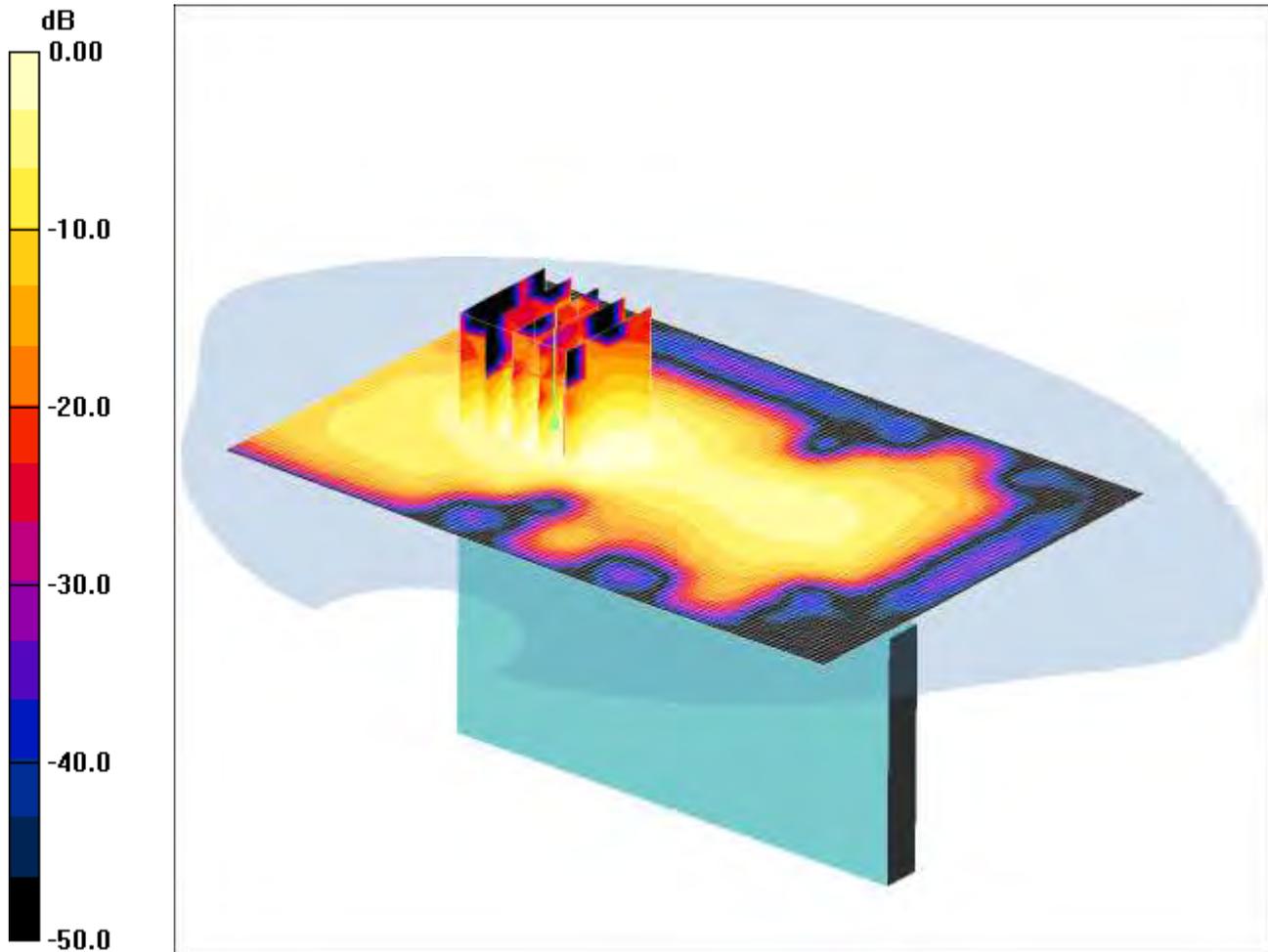
Maximum value of SAR (measured) = 0.00 mW/g

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

SCN/89439JD02/190: Right Hand Side of EUT Facing Phantom WLAN802.11g 6Mbps CH6

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(3.99, 3.99, 3.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Hand Side of EUT Facing Phantom - Middle 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.029 mW/g

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

Reference Value = 2.19 V/m; Power Drift = 0.161 dB

Peak SAR (extrapolated) = 0.060 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.012 mW/g

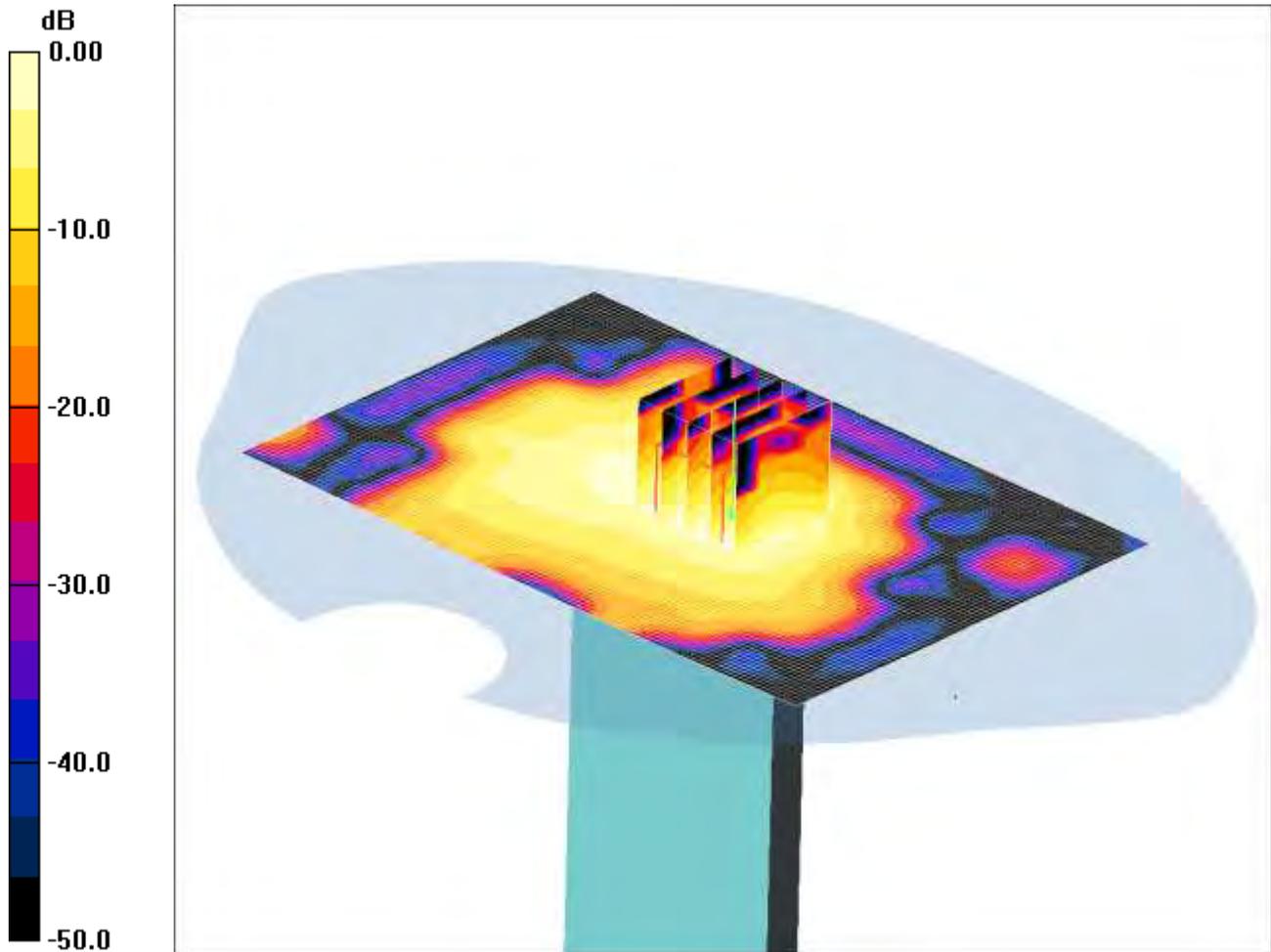
Maximum value of SAR (measured) = 0.029 mW/g

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

SCN/89439JD02/191: Top of EUT Facing Phantom WLAN802.11g 6Mbps CH6

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.027mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(3.99, 3.99, 3.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Top of EUT Facing Phantom - Middle 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

Reference Value = 3.53 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.012 mW/g

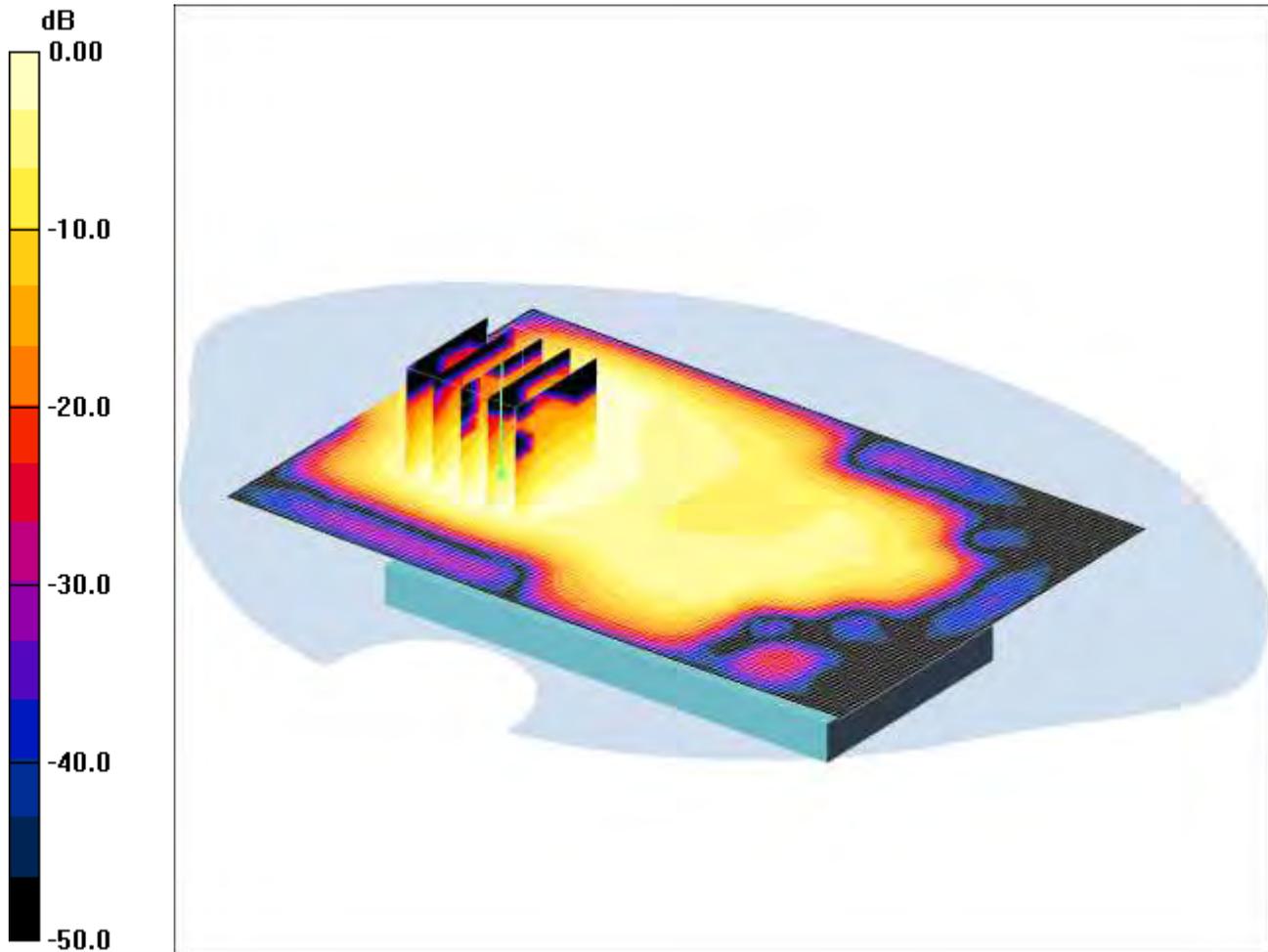
Maximum value of SAR (measured) = 0.027 mW/g

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

SCN/89439JD02/192: Front of EUT Facing Phantom WLAN802.11g 6Mbps CH1

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.033mW/g

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(3.99, 3.99, 3.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.035 mW/g

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

Reference Value = 1.61 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.075 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.017 mW/g

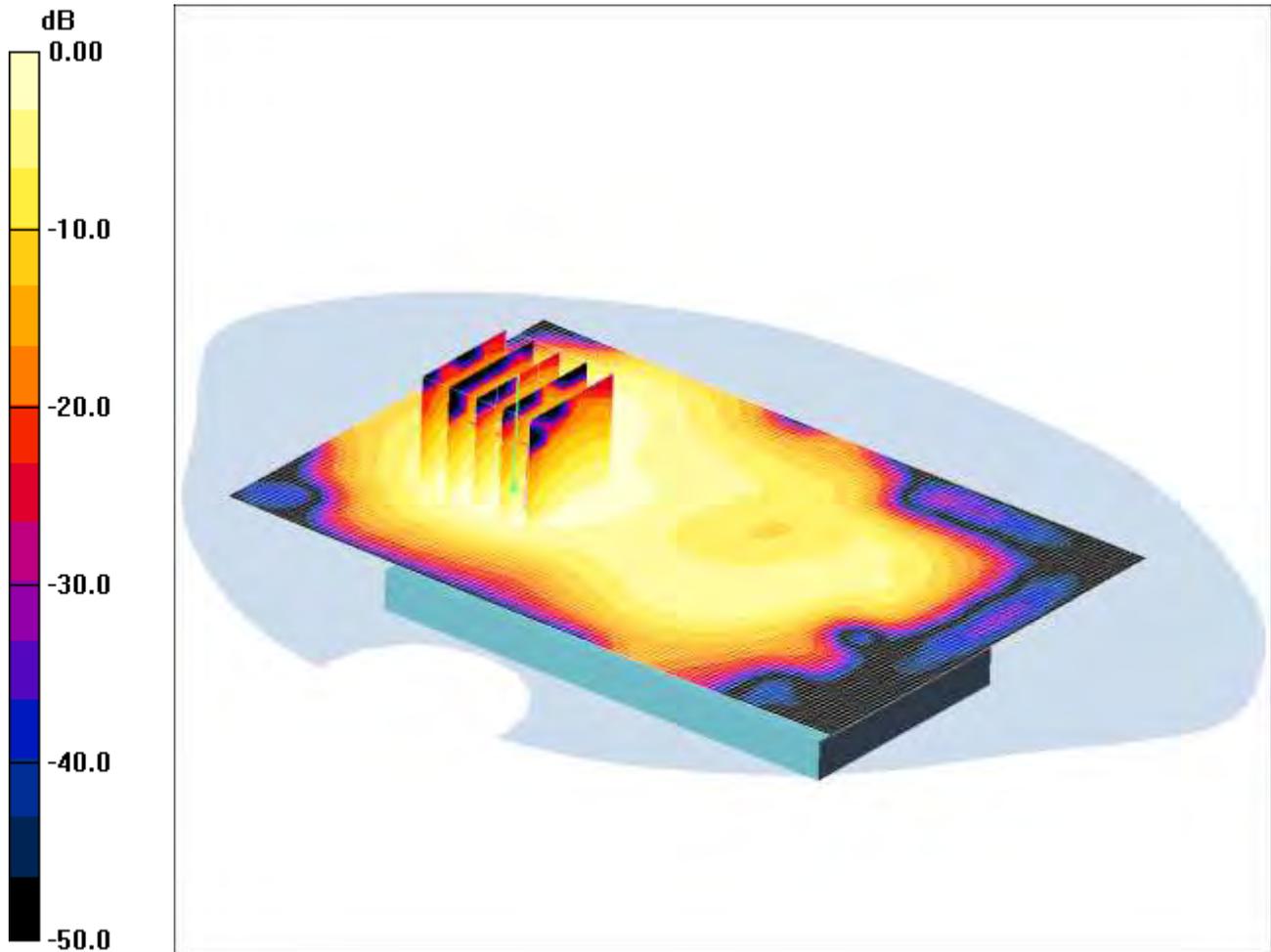
Maximum value of SAR (measured) = 0.033 mW/g

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

SCN/89439JD02/193: Front of EUT Facing Phantom WLAN802.11g 6Mbps CH11

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.059mW/g

Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(3.99, 3.99, 3.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.061 mW/g

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

Reference Value = 2.30 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.030 mW/g

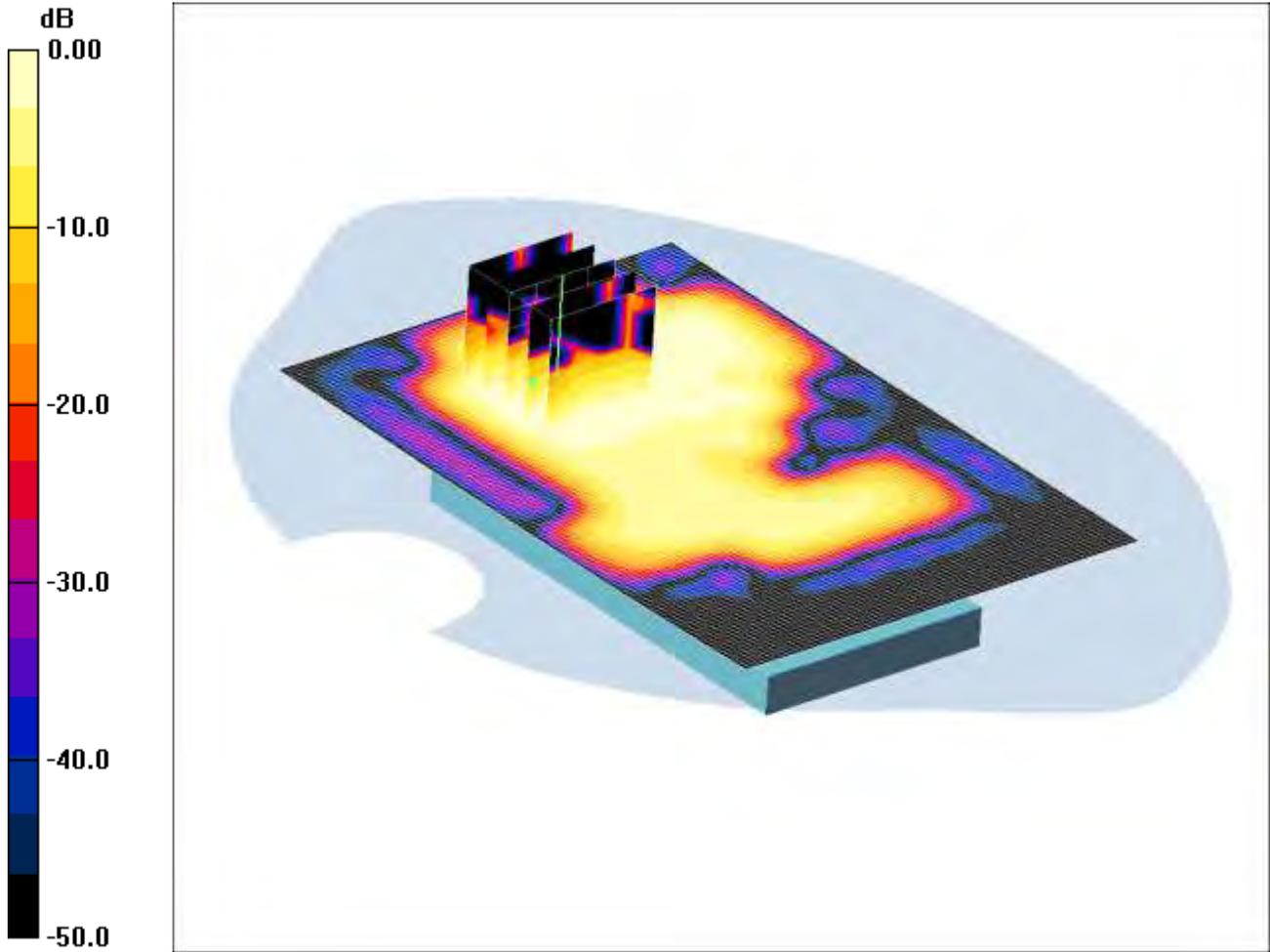
Maximum value of SAR (measured) = 0.059 mW/g

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

SCN/89439JD02/194: Front of EUT Facing Phantom WLAN802.11b 1Mbps CH1

Date 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.016mW/g

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(3.99, 3.99, 3.99); Calibrated: 26/07/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.016 mW/g

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

Reference Value = 1.31 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.031 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00716 mW/g

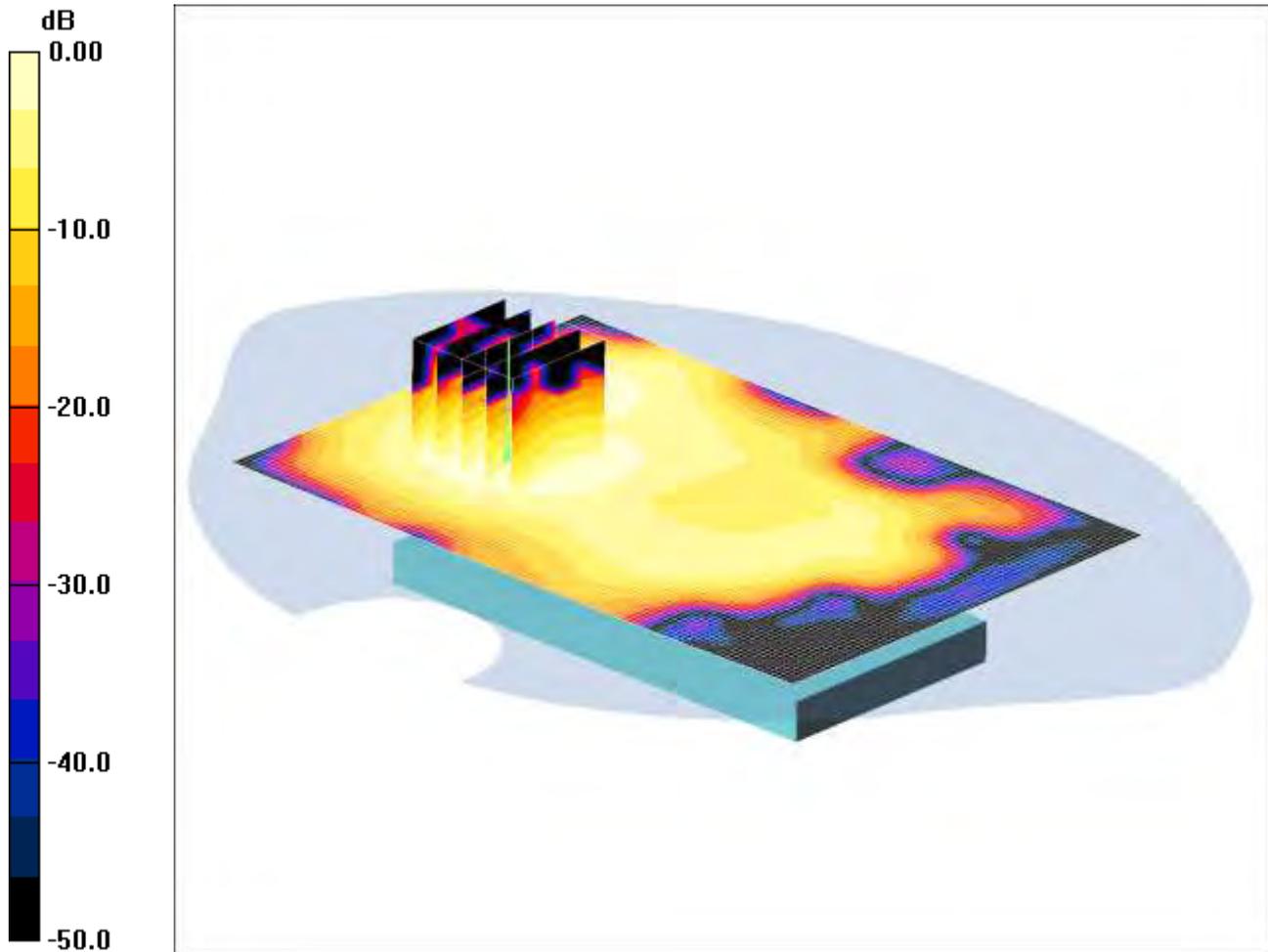
Maximum value of SAR (measured) = 0.016 mW/g

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

SCN/89439JD02/195: Front of EUT Facing Phantom at 15mm WLAN802.11g 6Mbps CH11

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.035mW/g

Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(3.99, 3.99, 3.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.034 mW/g

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

Reference Value = 1.46 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.083 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.018 mW/g

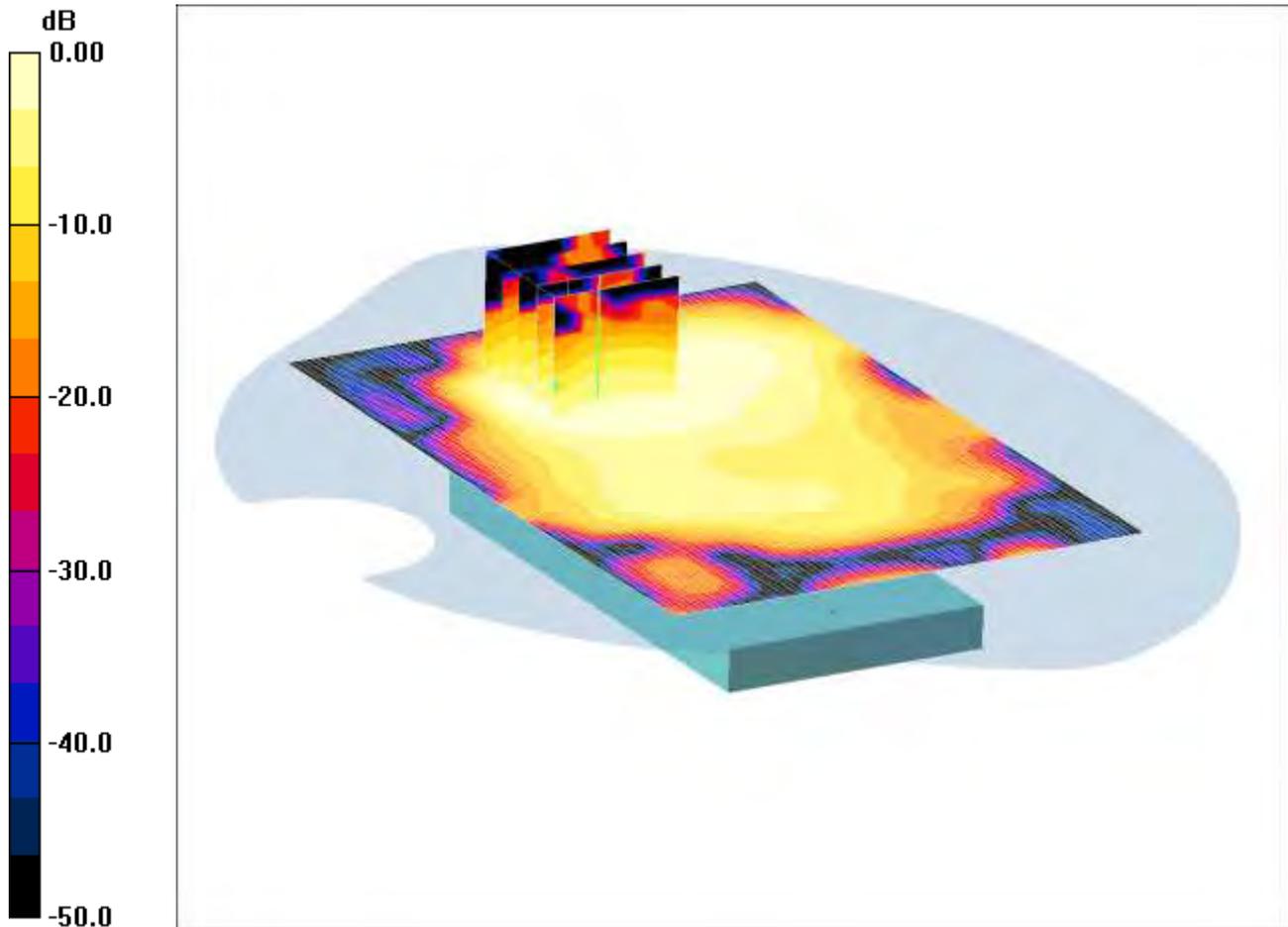
Maximum value of SAR (measured) = 0.035 mW/g

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

SCN/89439JD02/196: Front of EUT Facing Phantom WLAN802.11b 1Mbps CH1

Date 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.029mW/g

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(3.99, 3.99, 3.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom -Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.031 mW/g

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

Reference Value = 1.84 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.072 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.015 mW/g

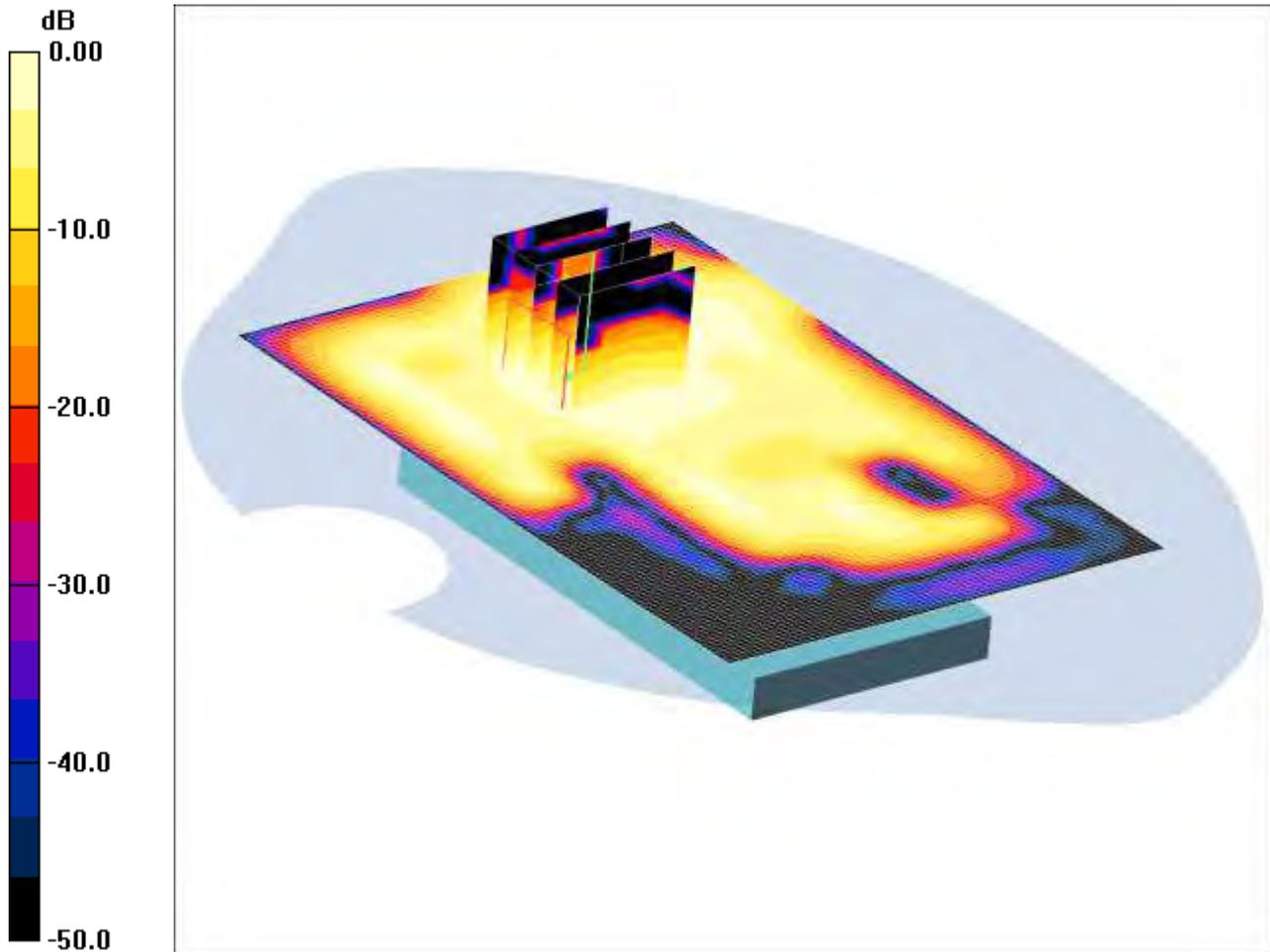
Maximum value of SAR (measured) = 0.029 mW/g

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

SCN/89439JD02/197: Front of EUT Facing Phantom at 15mm with PHF WLAN802.11g 6Mbps CH11

Date: 14/09/2012

DUT: Sony Tsubasa Gina; Type: Tsubasa Gina; Serial: CB5A1KT682



0 dB = 0.025mW/g

Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(3.99, 3.99, 3.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom with PHF - High 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.024 mW/g

Front of EUT Facing Phantom with PHF - High 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 1.88 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 0.059 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.012 mW/g

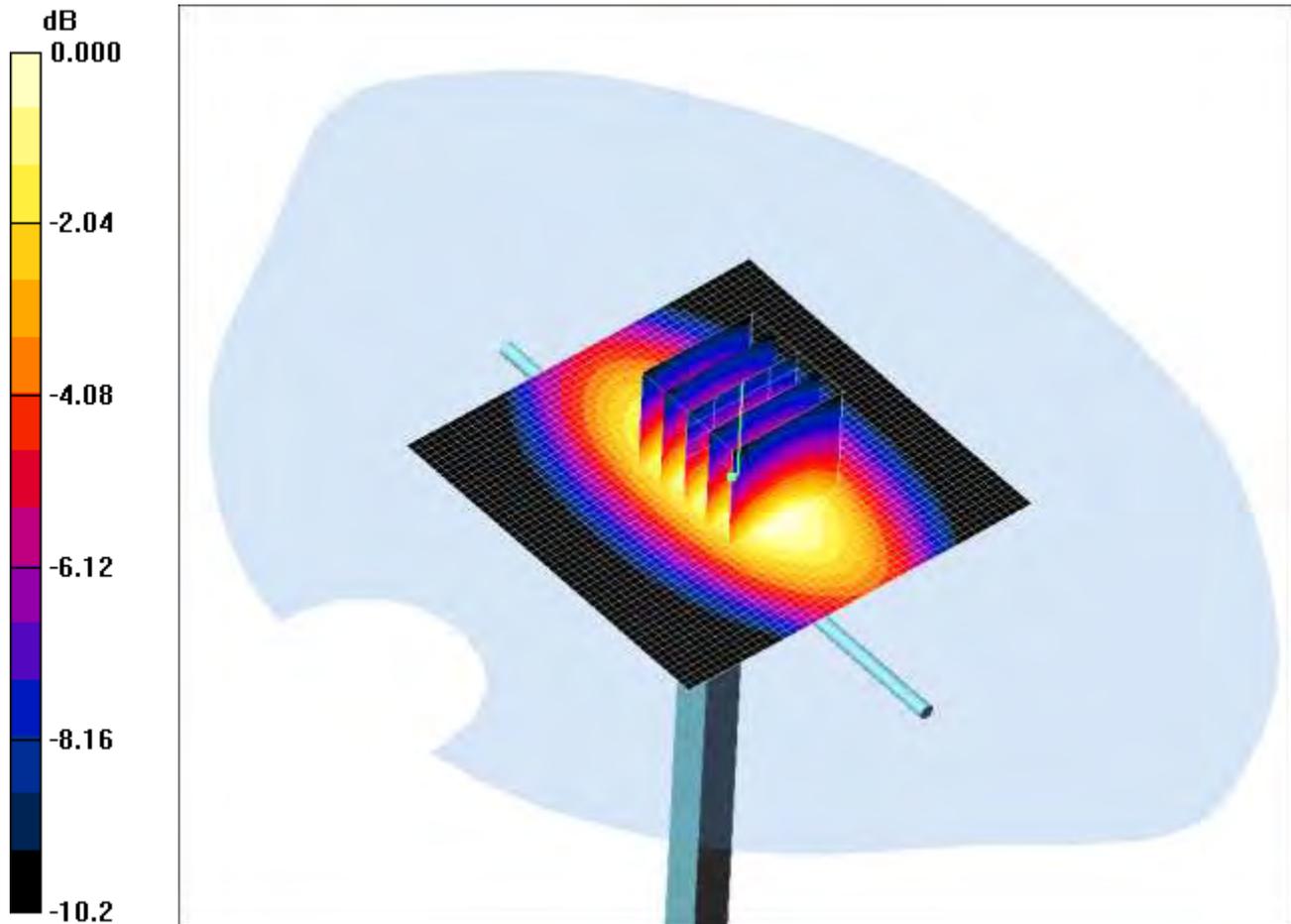
Maximum value of SAR (measured) = 0.025 mW/g

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

SCN/89439JD02/198: System Performance Check 900MHz Head 07 09 12

Date: 07/09/2012

DUT: Dipole 900 MHz; SN: 124; Type: D900V2; Serial: SN124



0 dB = 2.89mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.941 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

d=15mm, Pin=250mW 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.98 mW/g

d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.7 V/m; Power Drift = -0.170 dB

Peak SAR (extrapolated) = 3.83 W/kg

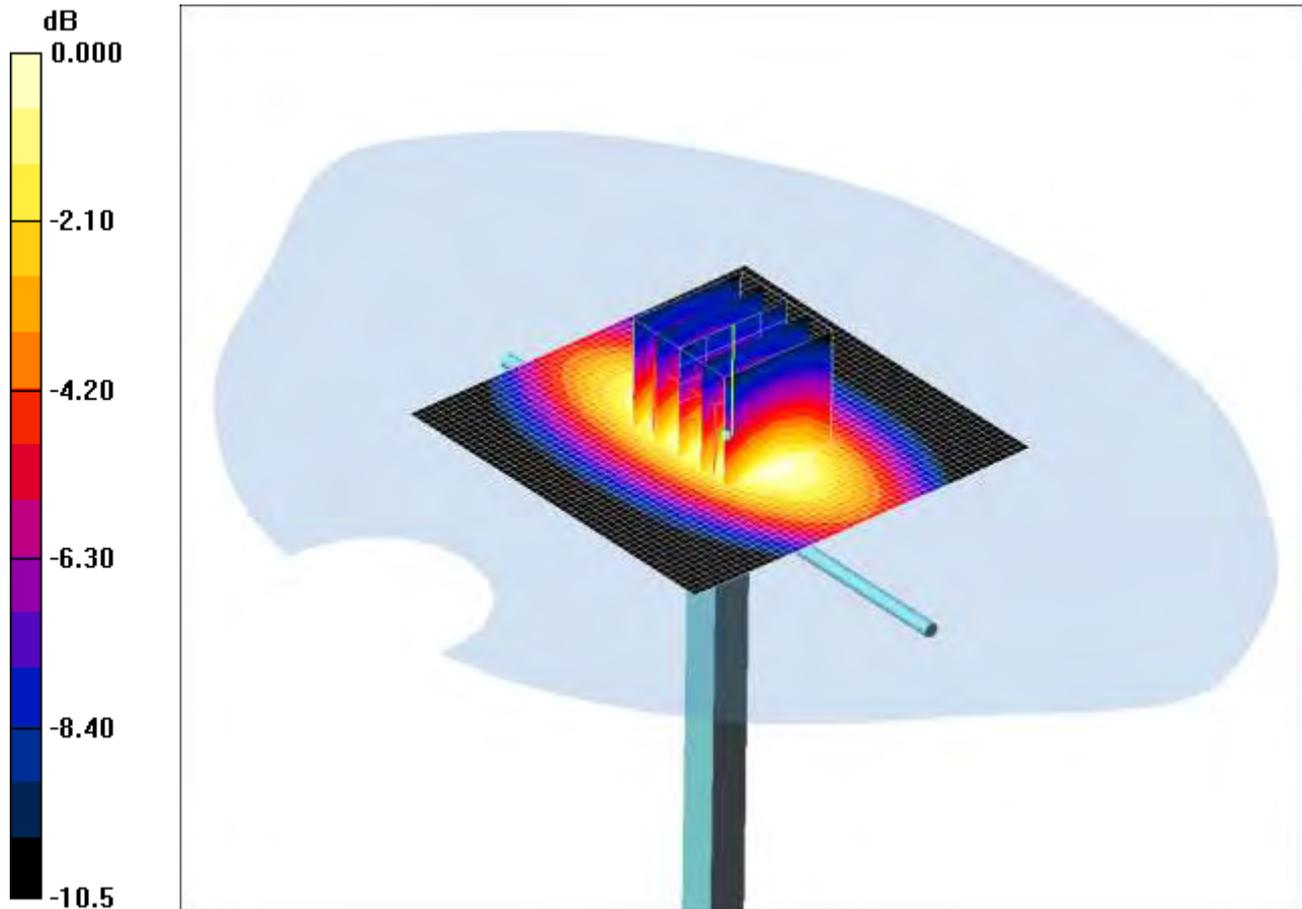
SAR(1 g) = 2.68 mW/g; SAR(10 g) = 1.78 mW/g

Maximum value of SAR (measured) = 2.89 mW/g

SCN/89439JD02/199: System Performance Check 900MHz Head 13 09 12

Date: 13/09/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.79mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.937 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

d=15mm, Pin=250mW 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.88 mW/g

d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.1 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 3.80 W/kg

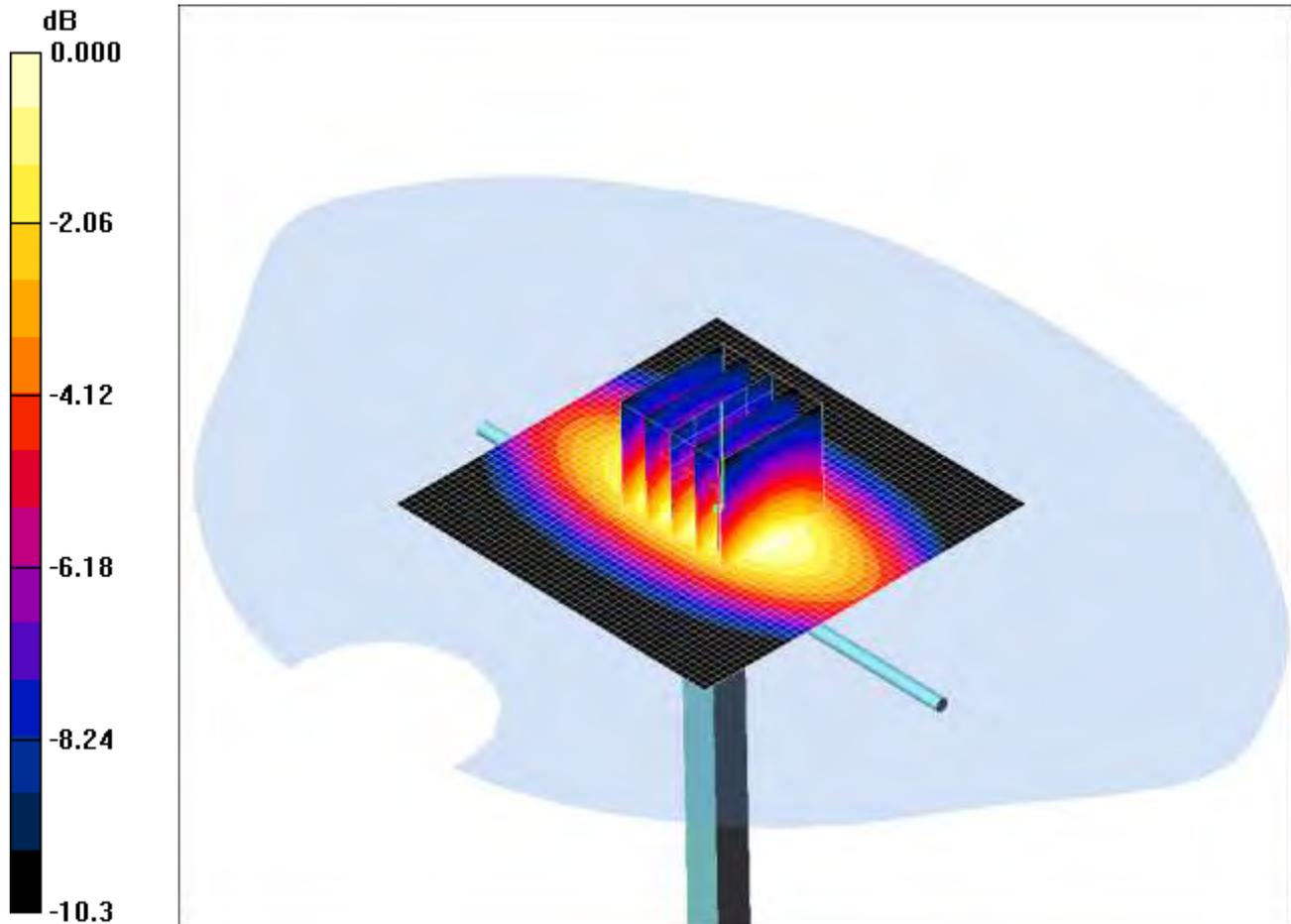
SAR(1 g) = 2.62 mW/g; SAR(10 g) = 1.73 mW/g

Maximum value of SAR (measured) = 2.79 mW/g

SCN/89439JD02/200: System Performance Check 900MHz Head 14 09 12

Date: 14/09/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.87mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.937 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

d=15mm, Pin=250mW 2/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 3.00 mW/g

d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.4 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 3.81 W/kg

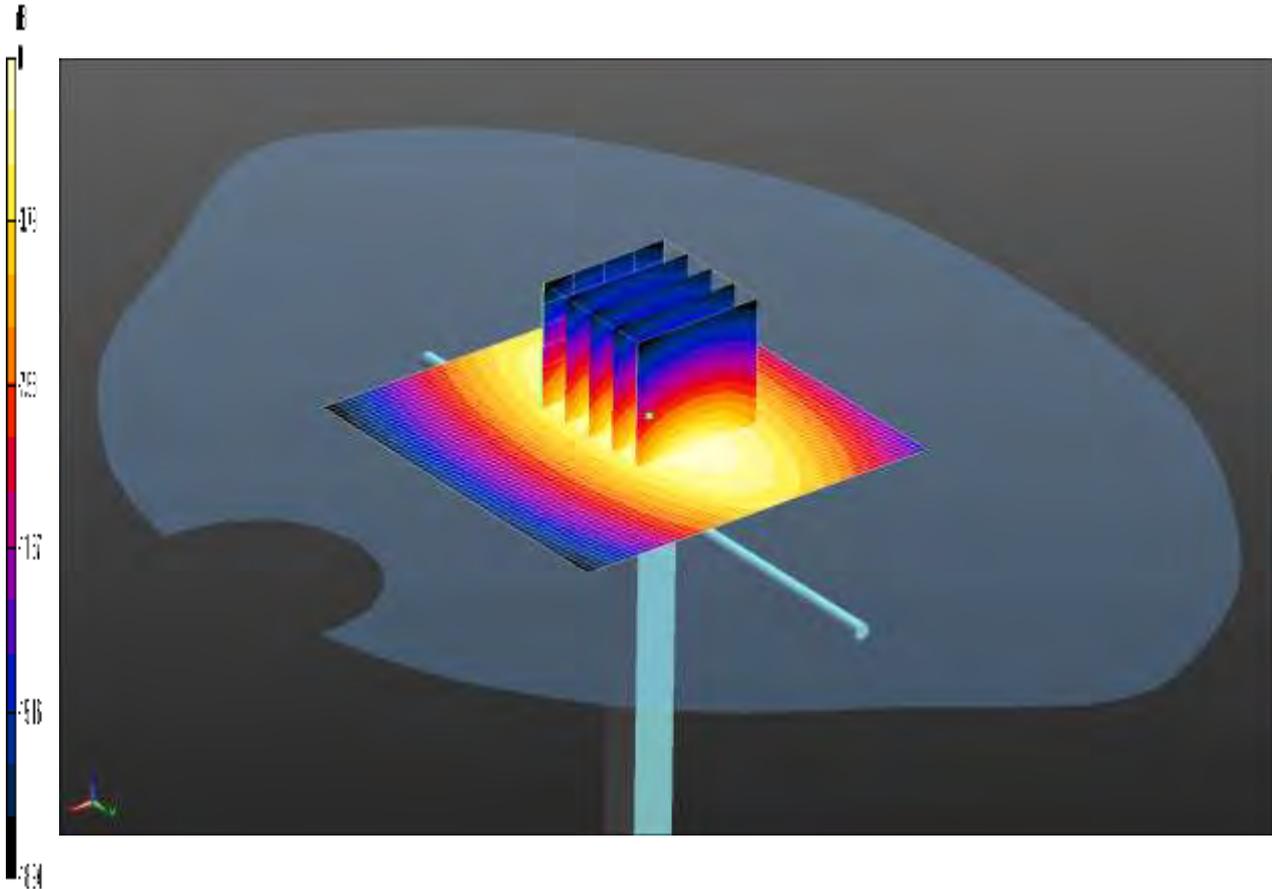
SAR(1 g) = 2.66 mW/g; SAR(10 g) = 1.76 mW/g

Maximum value of SAR (measured) = 2.87 mW/g

SCN/89439JD02/201: System Performance Check 900MHz Head 13 11 12

Date: 13/11/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:xxx



0 dB = 2.84 W/kg = 4.53 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900$ MHz; $\sigma = 0.957$ mho/m; $\epsilon_r = 42.449$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.95, 5.95, 5.95); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe)/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.84 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe)/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.474 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.94 W/kg

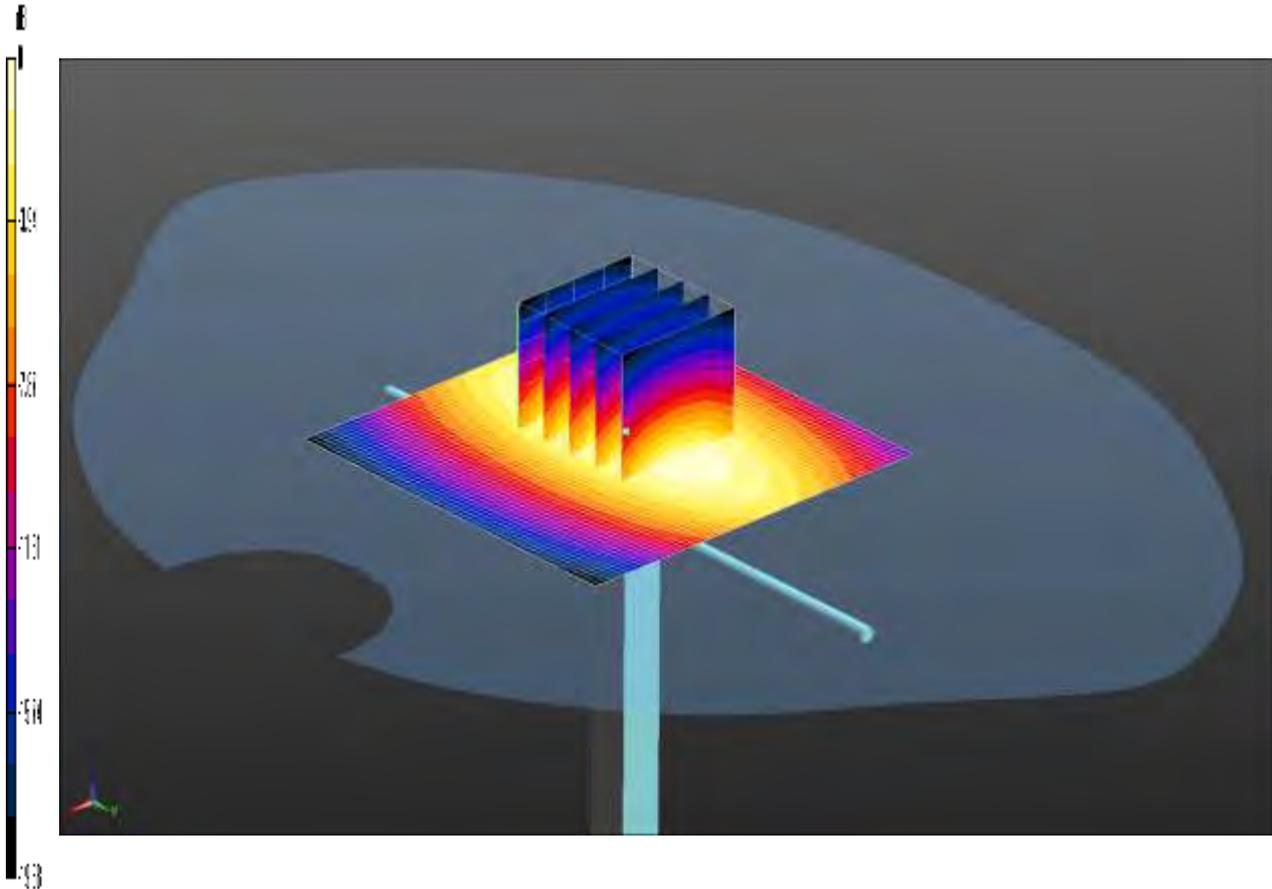
SAR(1 g) = 2.68 W/kg; SAR(10 g) = 1.73 W/kg

Maximum value of SAR (measured) = 2.91 W/kg

SCN/89439JD02/202: System Performance Check 900MHz Head 14 11 12

Date: 14/11/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:xxx



0 dB = 2.83 W/kg = 4.51 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900$ MHz; $\sigma = 0.957$ mho/m; $\epsilon_r = 42.449$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.95, 5.95, 5.95); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe)/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.83 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe)/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.349 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.91 W/kg

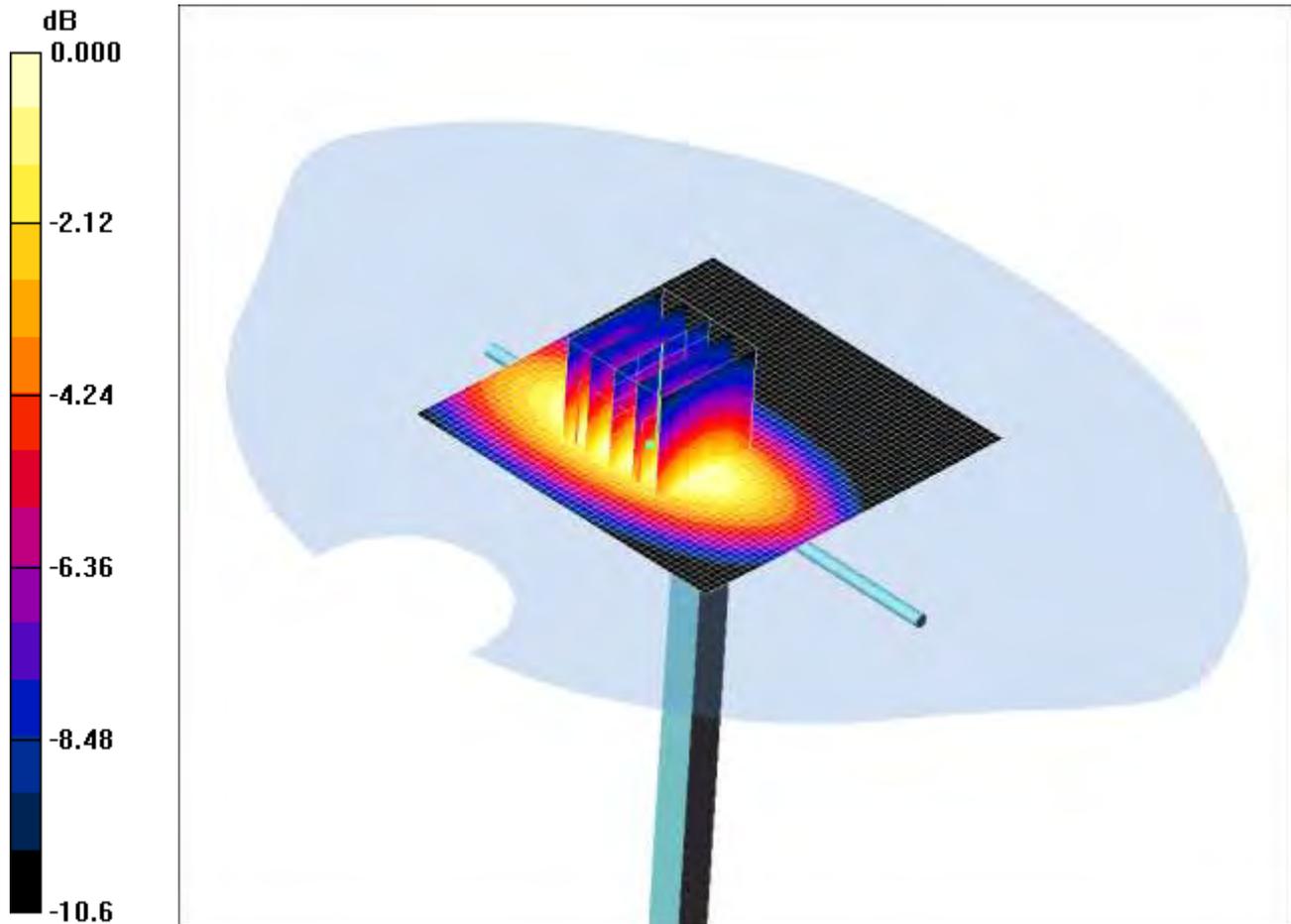
SAR(1 g) = 2.65 W/kg; SAR(10 g) = 1.71 W/kg

Maximum value of SAR (measured) = 2.87 W/kg

SCN/89439JD02/203: System Performance Check 900MHz Body 08 09 12

Date: 08/09/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.90mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

d=15mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.93 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.8 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 3.91 W/kg

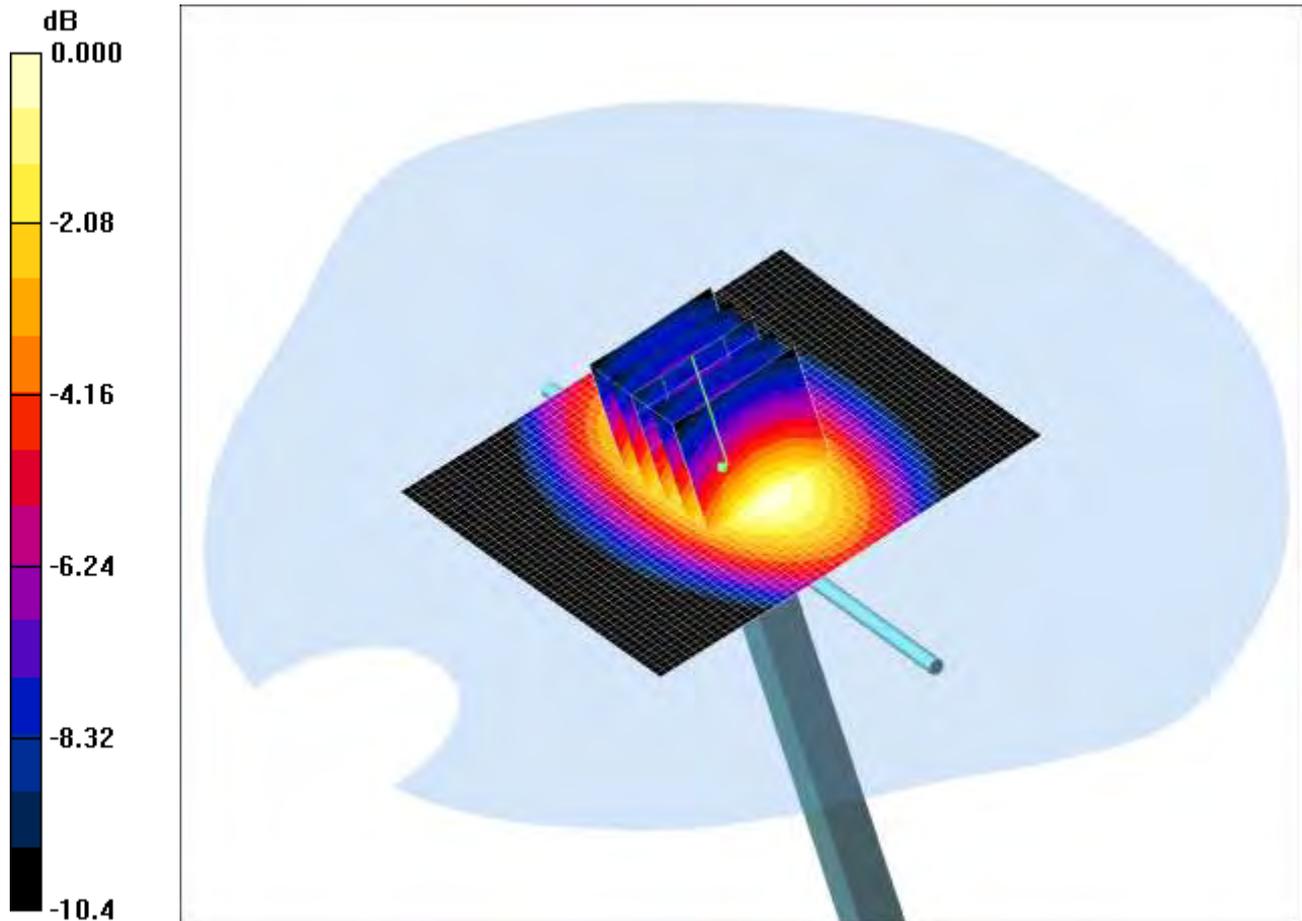
SAR(1 g) = 2.71 mW/g; SAR(10 g) = 1.79 mW/g

Maximum value of SAR (measured) = 2.90 mW/g

SCN/89439JD02/204: System Performance Check 900MHz Body 10 09 12

Date: 10/09/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.93mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.04 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

d=15mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 3.05 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.8 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 3.95 W/kg

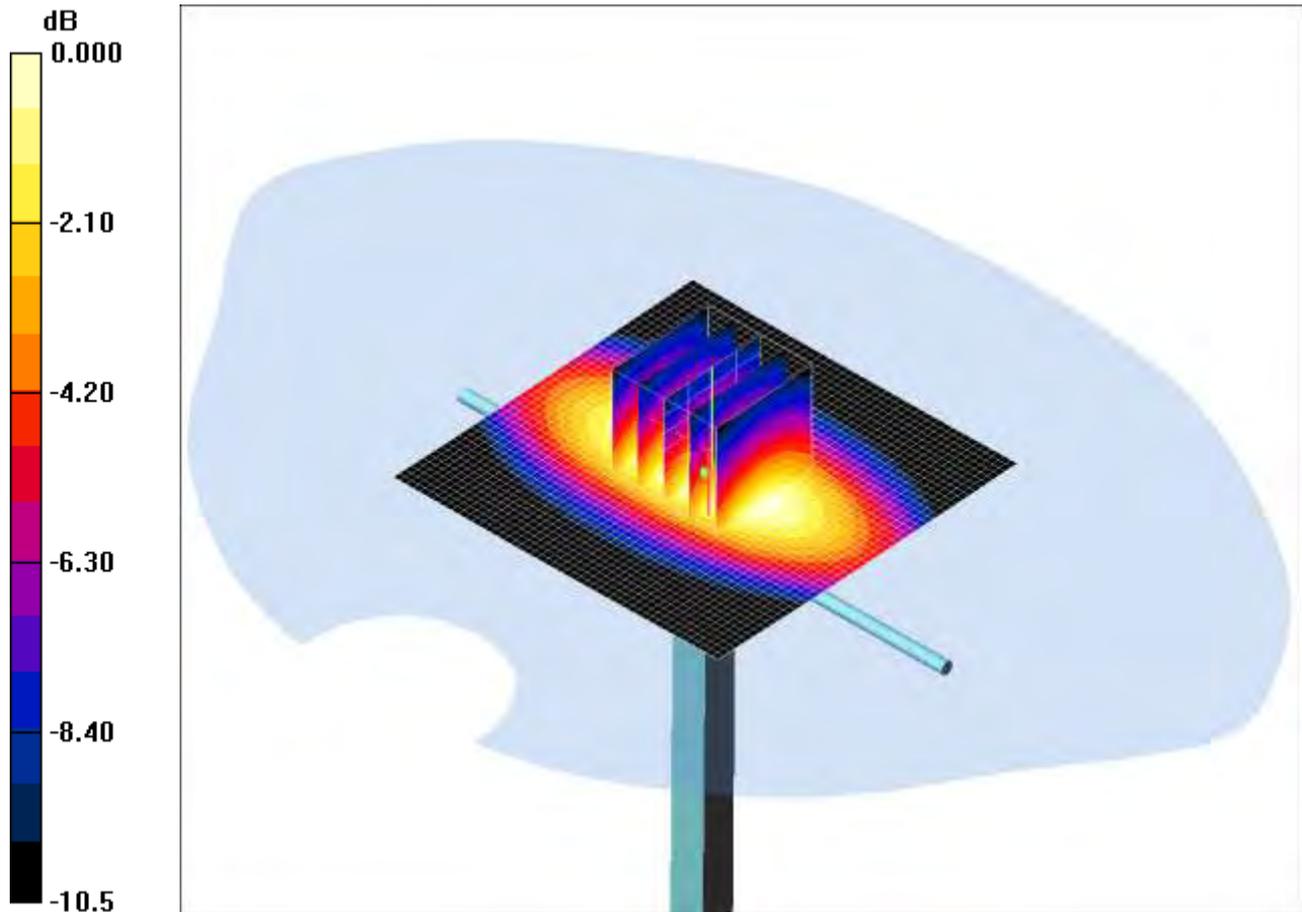
SAR(1 g) = 2.71 mW/g; SAR(10 g) = 1.78 mW/g

Maximum value of SAR (measured) = 2.93 mW/g

SCN/89439JD02/205: System Performance Check 900MHz Body 11 09 12

Date: 11/09/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.81mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

d=15mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.97 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.0 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 3.80 W/kg

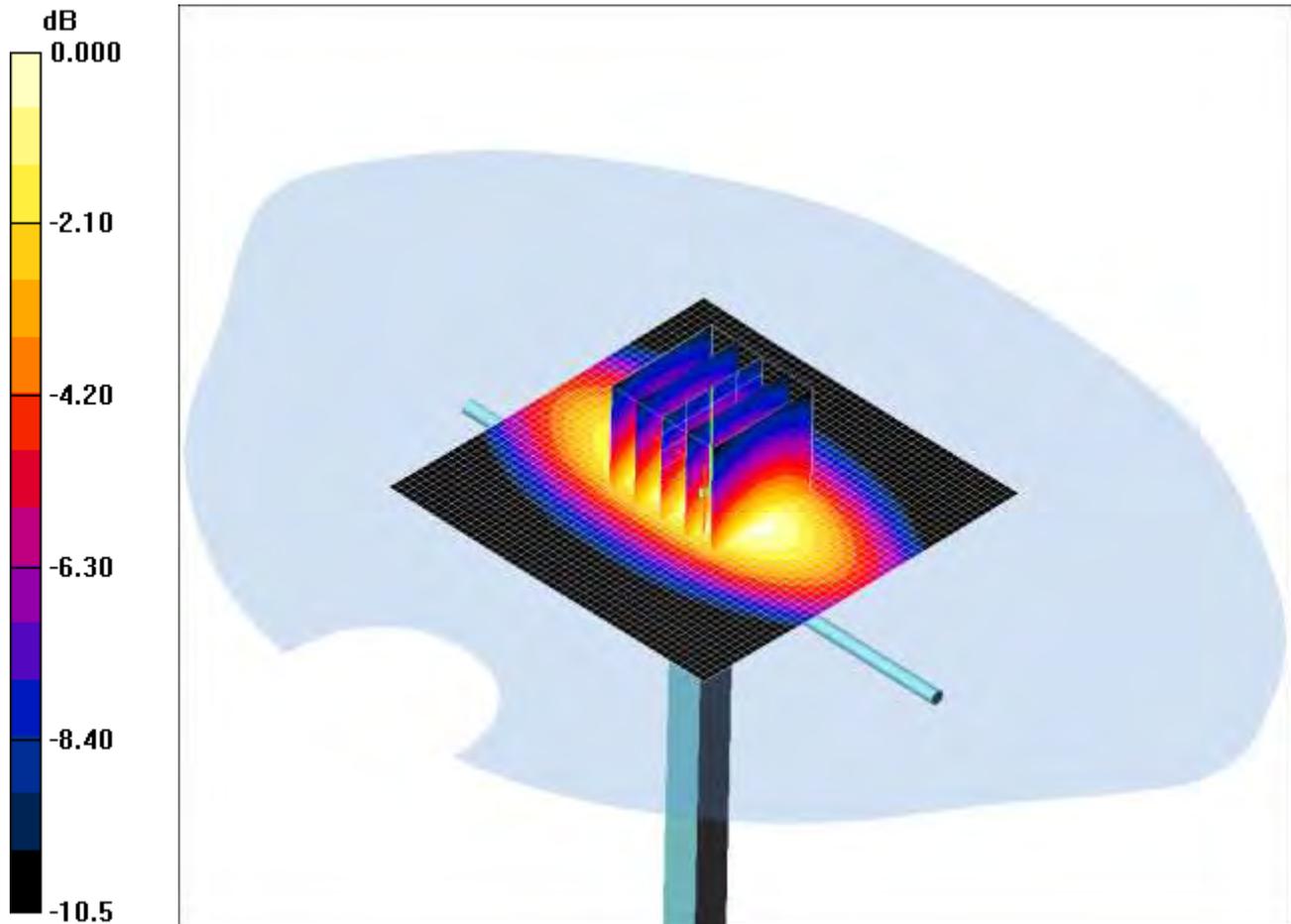
SAR(1 g) = 2.6 mW/g; SAR(10 g) = 1.71 mW/g

Maximum value of SAR (measured) = 2.81 mW/g

SCN/89439JD02/206: System Performance Check 900MHz Body 15 09 12

Date: 15/09/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

d=15mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 3.06 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.2 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 3.93 W/kg

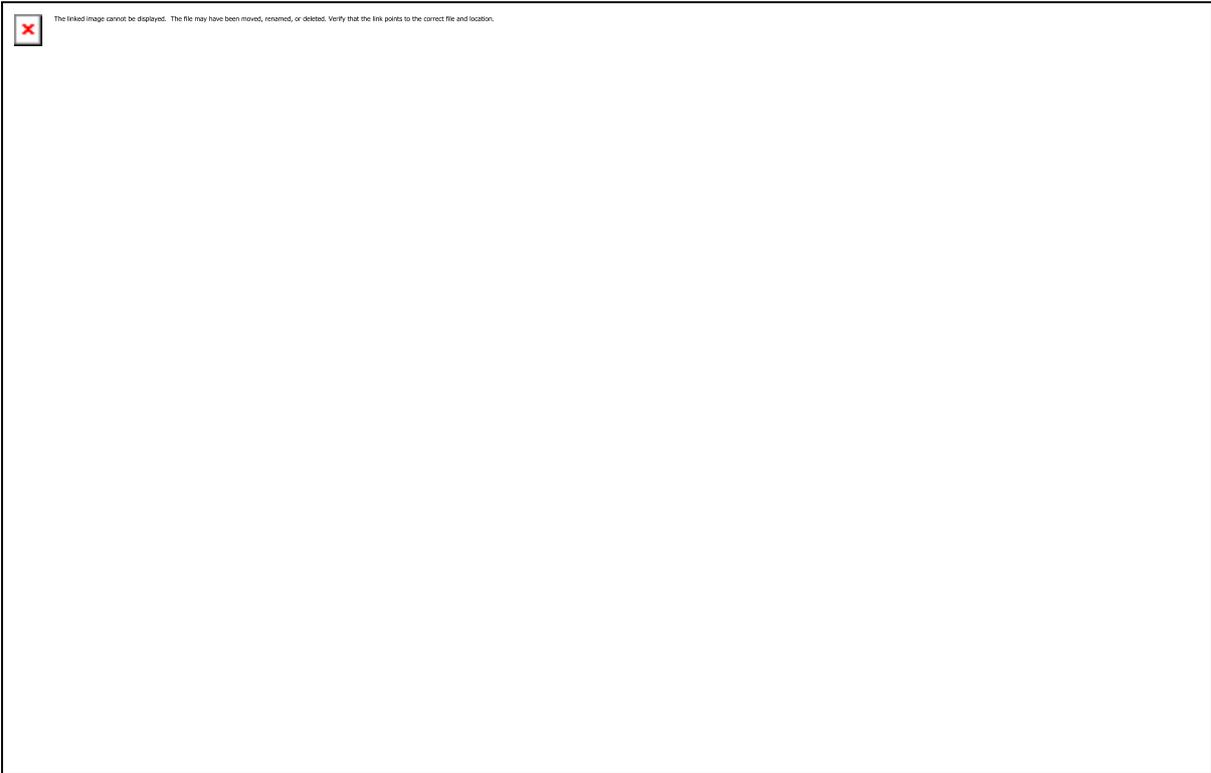
SAR(1 g) = 2.7 mW/g; SAR(10 g) = 1.78 mW/g

Maximum value of SAR (measured) = 2.93 mW/g

SCN/89439JD01/207: System Performance Check 900MHz Body 10 11 12

Date: 10/11/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN035



0 dB = 2.86 W/kg = 4.57 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900$ MHz; $\sigma = 1.034$ mho/m; $\epsilon_r = 56.307$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.92, 5.92, 5.92); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.86 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.884 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.71 W/kg

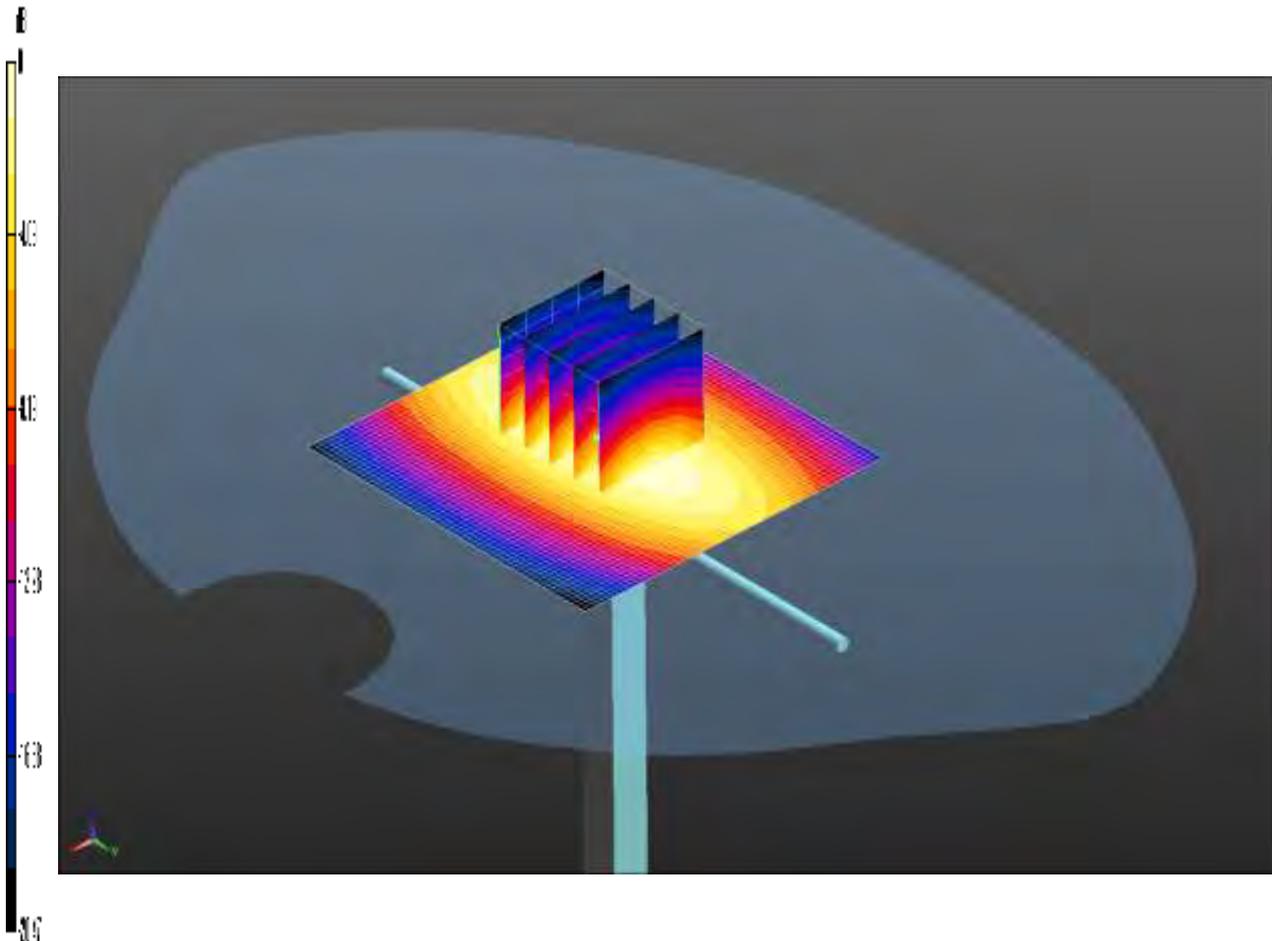
SAR(1 g) = 2.62 W/kg; SAR(10 g) = 1.72 W/kg

Maximum value of SAR (measured) = 2.85 W/kg

SCN/89439JD02/208: System Performance Check 900MHz Body 12 11 12

Date: 12/11/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN035



0 dB = 2.84 W/kg = 4.54 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900$ MHz; $\sigma = 1.018$ mho/m; $\epsilon_r = 56.03$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.92, 5.92, 5.92); Calibrated: 26/07/2012;

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.84 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.819 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.70 W/kg

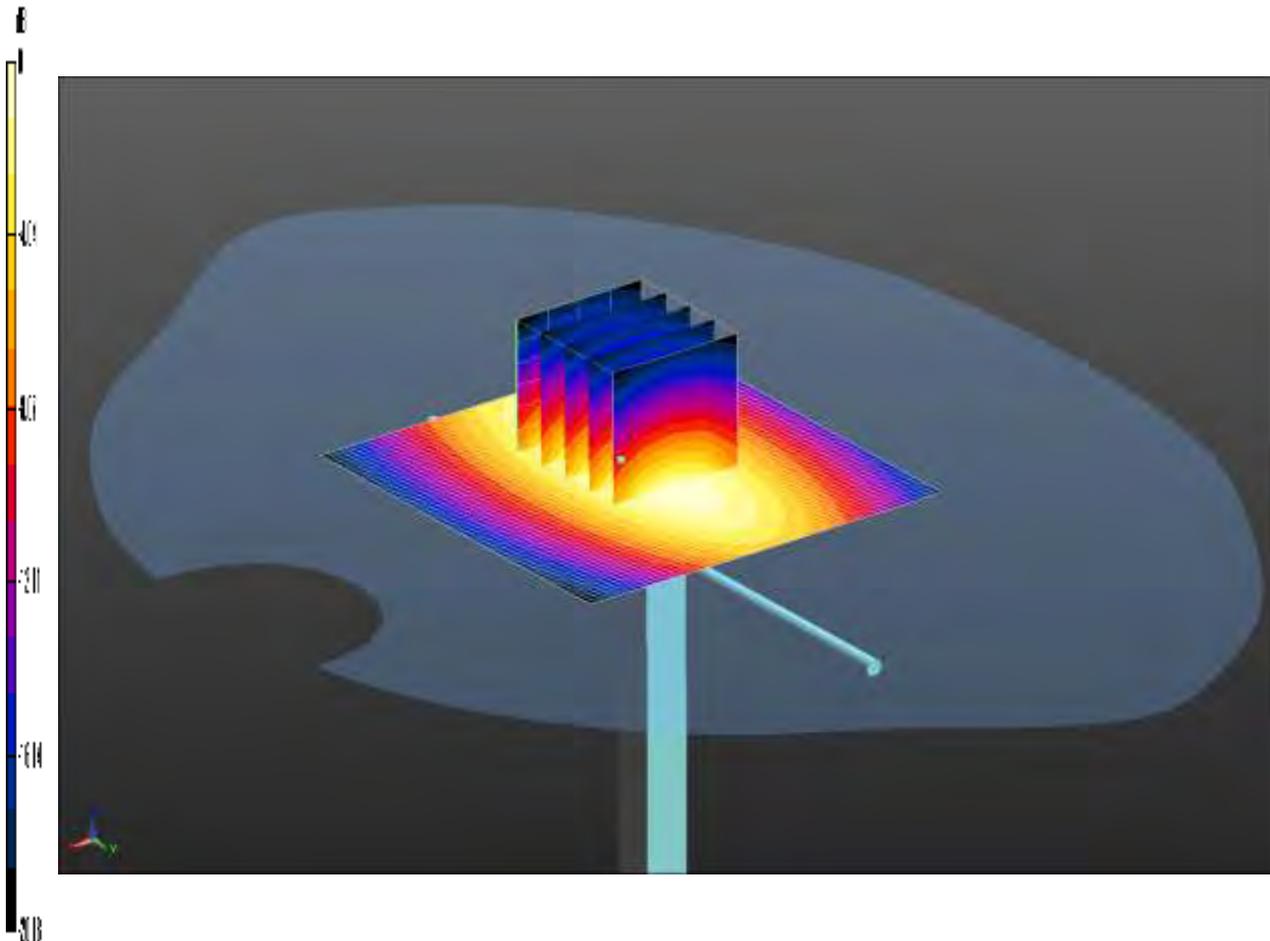
SAR(1 g) = 2.61 W/kg; SAR(10 g) = 1.71 W/kg

Maximum value of SAR (measured) = 2.83 W/kg

SCN/89439JD02/209: System Performance Check 900MHz Body 13 11 12

Date: 13/11/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN035



0 dB = 2.83 W/kg = 4.52 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900$ MHz; $\sigma = 1.018$ mho/m; $\epsilon_r = 56.03$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.92, 5.92, 5.92); Calibrated: 26/07/2012;

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.83 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement

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

Reference Value = 54.086 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 3.66 W/kg

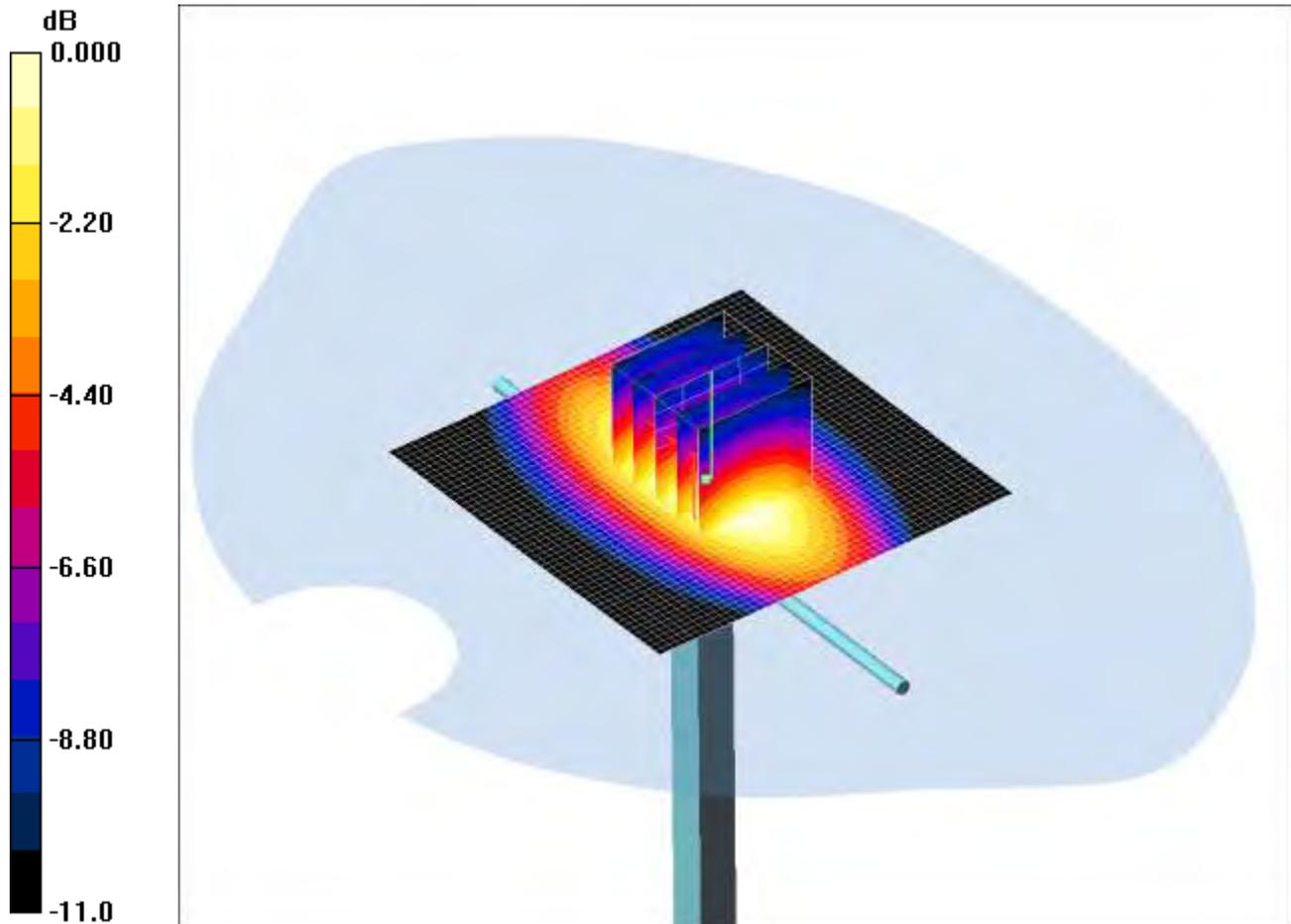
SAR(1 g) = 2.58 W/kg; SAR(10 g) = 1.69 W/kg

Maximum value of SAR (measured) = 2.81 W/kg

SCN/89439JD02/210: System Performance Check 900MHz Body 17 09 12

Date: 17/09/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.82mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.26, 6.26, 6.26); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

d=15mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.95 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.2 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 3.75 W/kg

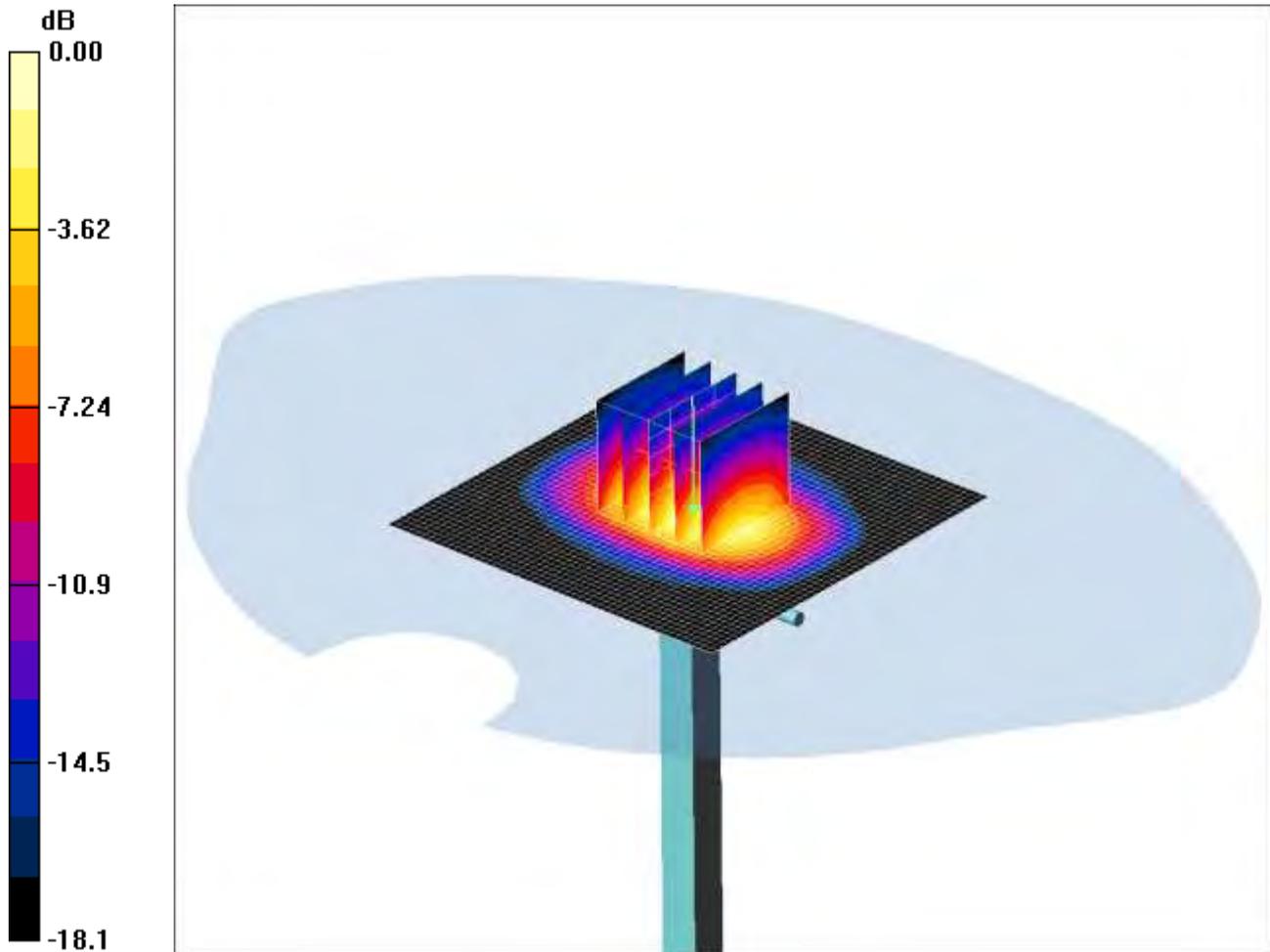
SAR(1 g) = 2.63 mW/g; SAR(10 g) = 1.71 mW/g

Maximum value of SAR (measured) = 2.82 mW/g

SCN/89439JD02/211: System Performance Check 1900MHz Head 12 09 12

Date: 12/09/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.3mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.92, 4.92, 4.92); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.8 mW/g

d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.7 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 17.2 W/kg

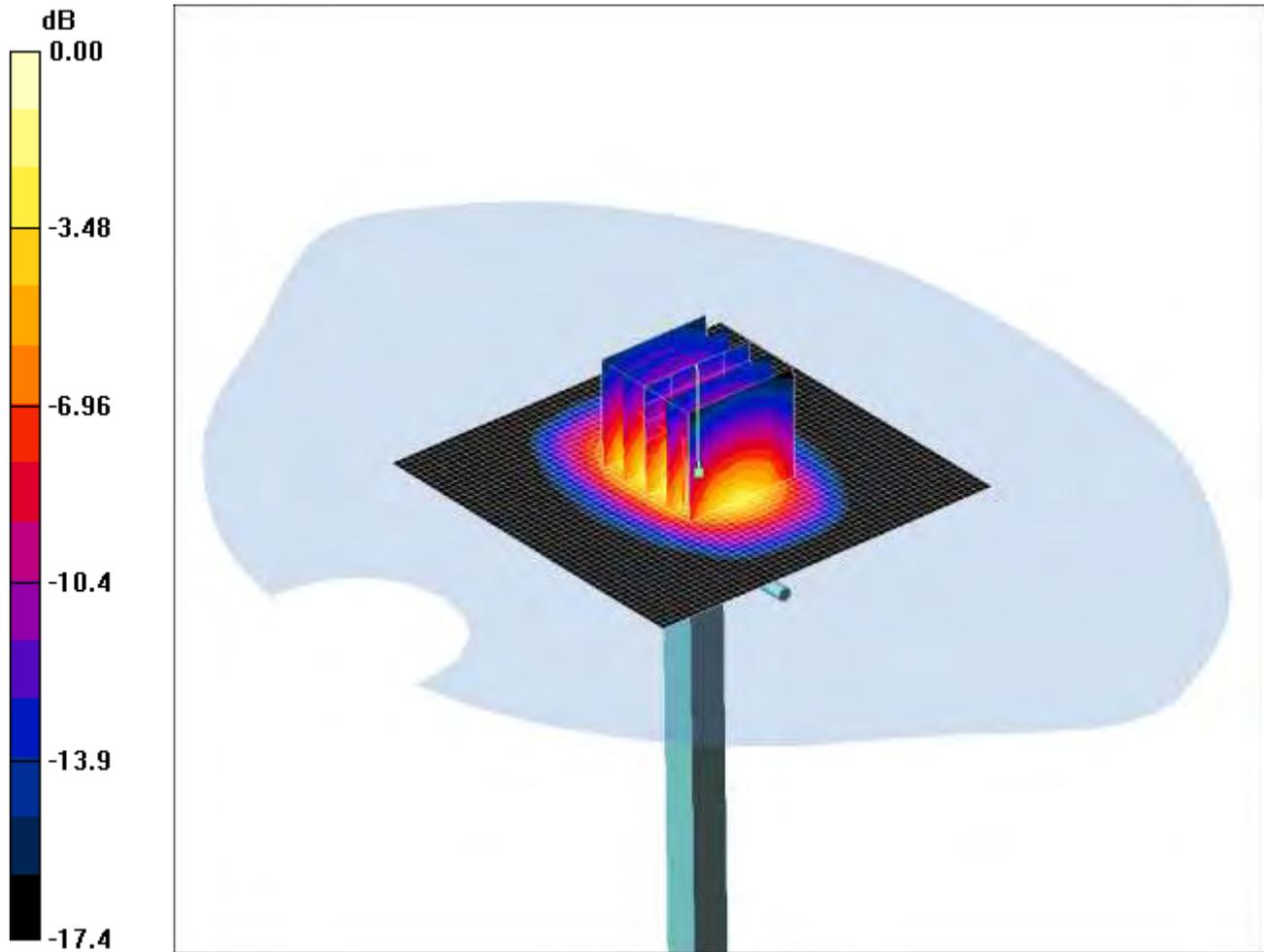
SAR(1 g) = 9.92 mW/g; SAR(10 g) = 5.18 mW/g

Maximum value of SAR (measured) = 11.3 mW/g

SCN/89439JD02/212: System Performance Check 1900MHz Body 08 09 12

Date: 08/09/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.7mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 15.1 mW/g

d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.7 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 17.4 W/kg

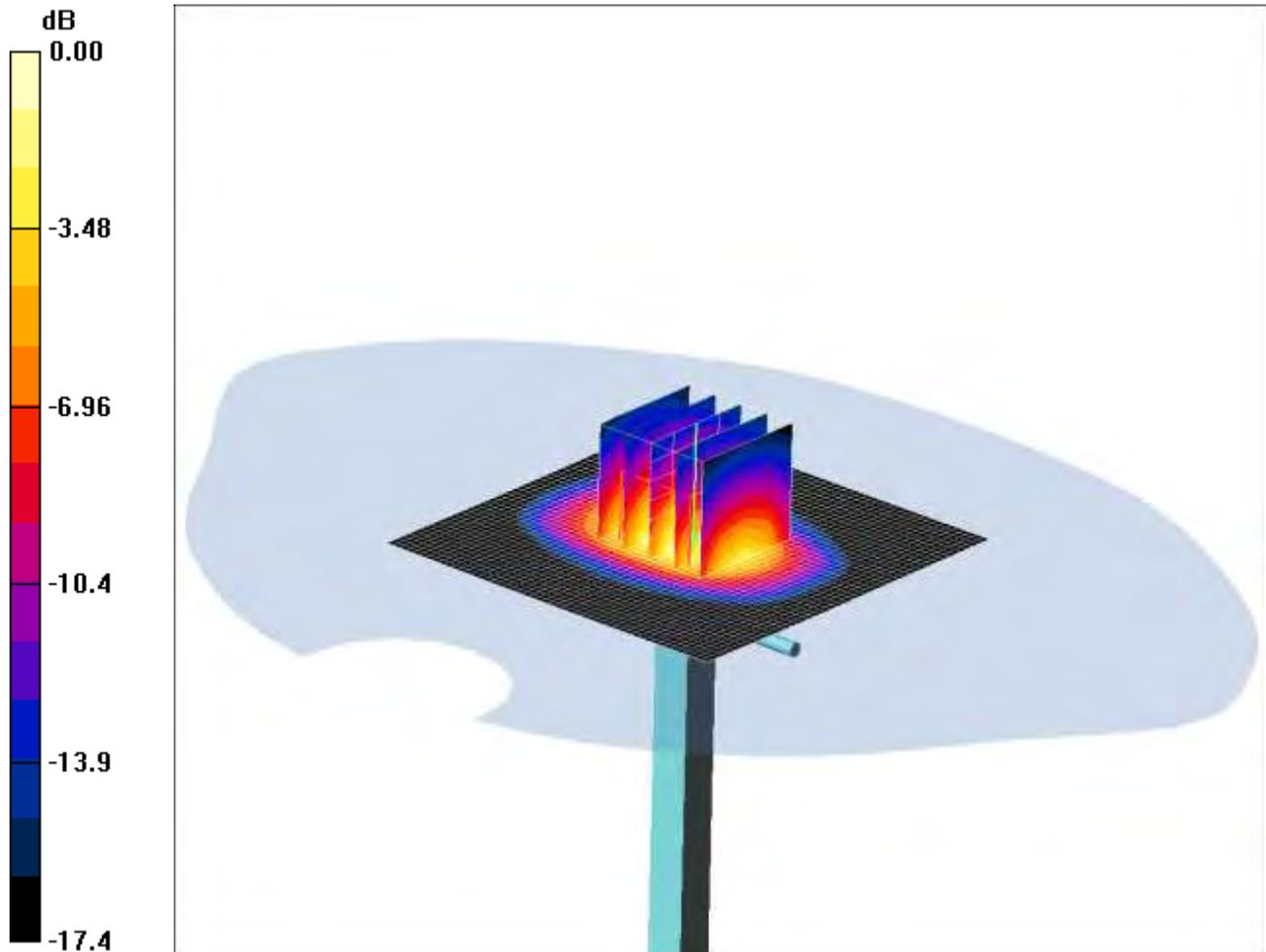
SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.6 mW/g

Maximum value of SAR (measured) = 11.7 mW/g

SCN/89439JD02/213: System Performance Check 1900MHz Body 10 09 12

Date: 10/09/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.7mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.6 mW/g

d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.6 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 17.3 W/kg

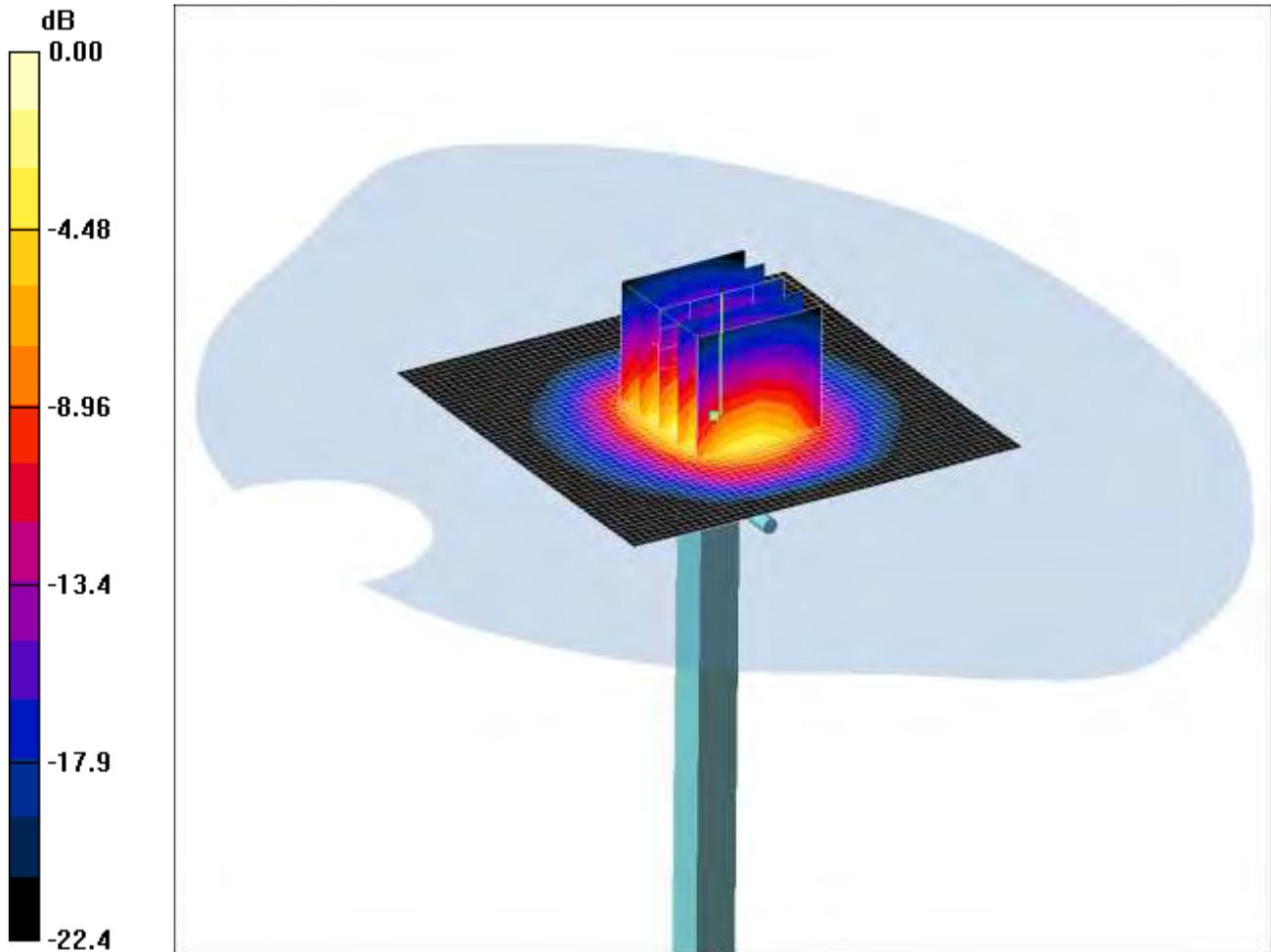
SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.51 mW/g

Maximum value of SAR (measured) = 11.7 mW/g

SCN/89439JD02/214: System Performance Check 2450MHz Head 17 09 12

Date: 17/09/2012

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 14.3mW/g

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used: $f = 2450$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.31, 4.31, 4.31); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=250mW 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 18.3 mW/g

d=10mm, Pin=250mW 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.5 V/m; Power Drift = 0.207 dB

Peak SAR (extrapolated) = 29.7 W/kg

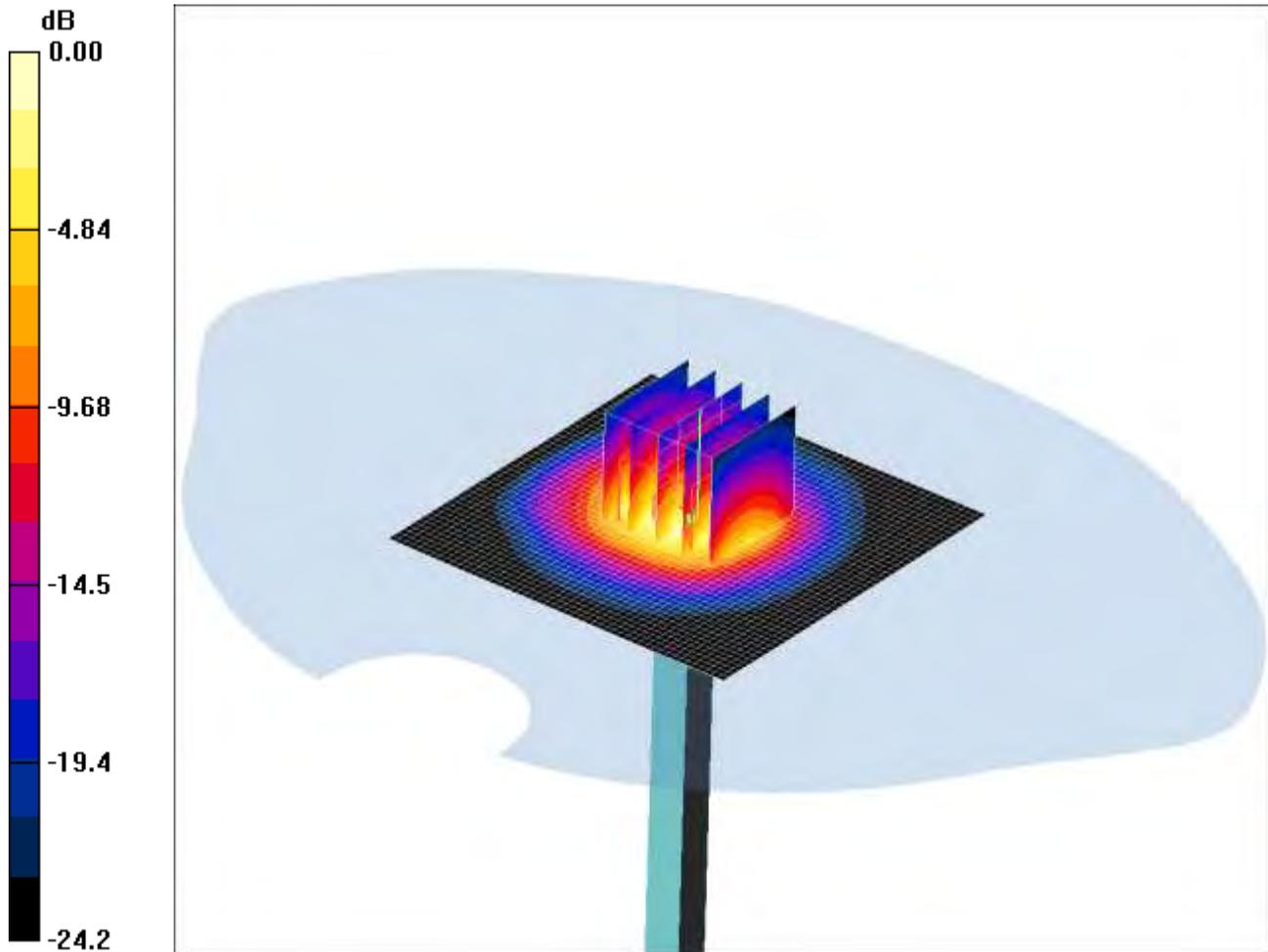
SAR(1 g) = 13 mW/g; SAR(10 g) = 5.98 mW/g

Maximum value of SAR (measured) = 14.3 mW/g

SCN/89439JD02/215: System Performance Check 2450MHz Body 14 09 12

Date: 14/09/2012

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 13.7mW/g

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used: $f = 2450$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(3.99, 3.99, 3.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=250mW 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 16.6 mW/g

d=10mm, Pin=250mW 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 80.6 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 36.9 W/kg

SAR(1 g) = 13.5 mW/g; SAR(10 g) = 5.93 mW/g

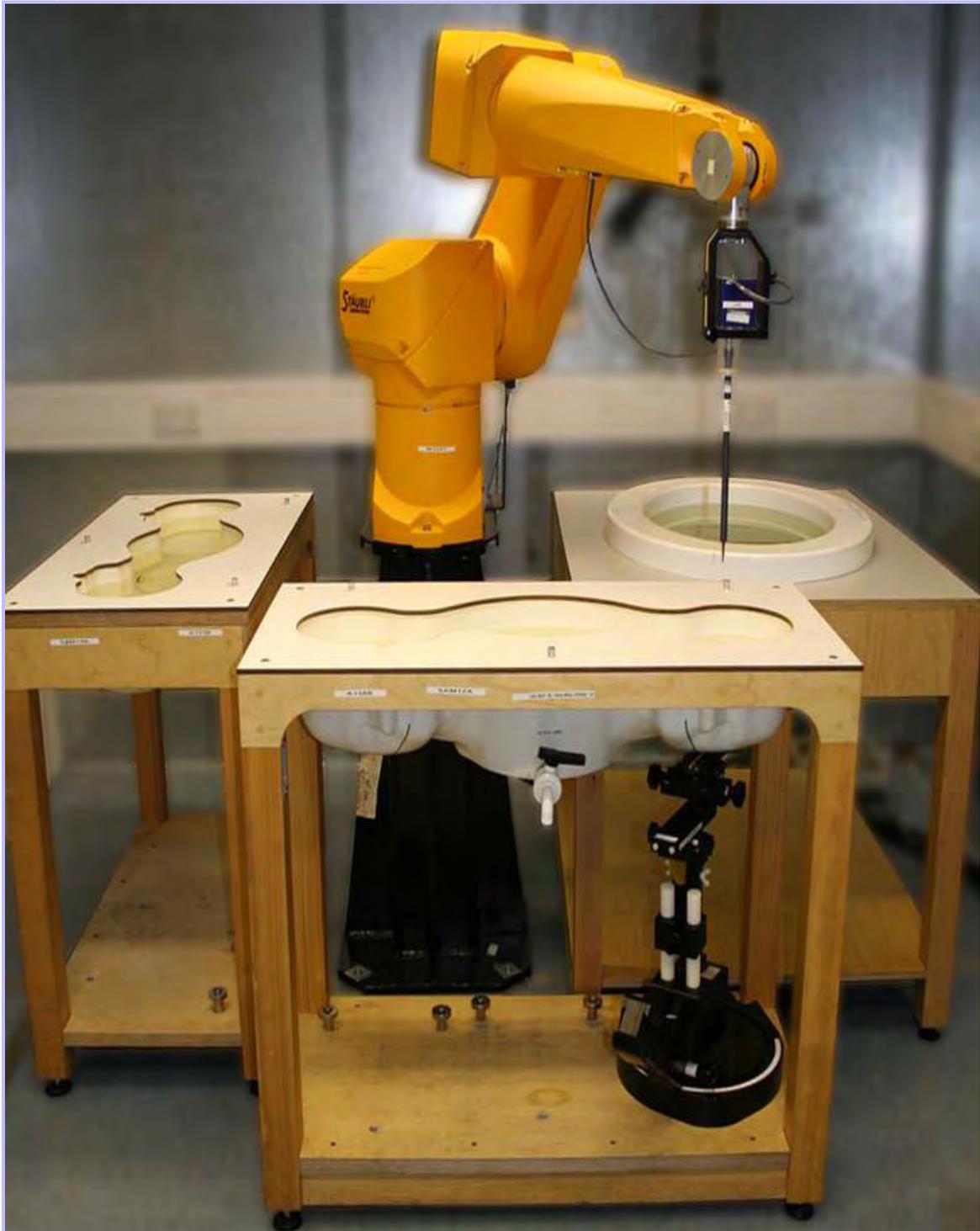
Maximum value of SAR (measured) = 13.7 mW/g

Appendix 4: Photographs

This appendix contains the following photographs:

Photo Reference Number	Title
PHT/89439JD02/001	Test configuration for the measurement of Specific Absorption Rate (SAR)
PHT/89439JD02/002	Touch Left
PHT/89439JD02/003	Tilt Left
PHT/89439JD02/004	Touch Right
PHT/89439JD02/005	Tilt Right
PHT/89439JD02/006	Front of EUT facing Phantom at 10mm
PHT/89439JD02/007	Front of EUT facing Phantom at 15mm
PHT/89439JD02/008	Back of EUT facing Phantom at 10mm
PHT/89439JD02/009	Back of EUT facing Phantom at 15mm
PHT/89439JD02/010	Left Hand Side of EUT Facing Phantom
PHT/89439JD02/011	Right Hand Side of EUT Facing Phantom
PHT/89439JD02/012	Top of EUT Facing Phantom
PHT/89439JD02/013	Bottom of EUT Facing Phantom
PHT/89439JD02/014	General Setup of EUT with PHF
PHT/89439JD02/015	Front View of EUT
PHT/89439JD02/016	Back View of EUT
PHT/89439JD02/017	Left Hand View Side of EUT
PHT/89439JD02/018	Right Hand Side View of EUT
PHT/89439JD02/019	Top View of EUT
PHT/89439JD02/020	Bottom View of EUT
PHT/89439JD02/021	Internal view of WWAN Radiated Sample (CB5A1KT671)
PHT/89439JD02/022	Internal view of WWAN Radiated Sample (CB5A1KTGY5)
PHT/89439JD02/023	Internal view of WWAN Conducted Sample (CB5A1KT671)
PHT/89439JD02/024	Internal view of WLAN Radiated Sample (CB5A1KT6AD)
PHT/89439JD02/025	Internal view of WLAN Conducted Sample (CB5A1KTGY8)
PHT/89439JD02/026	PHF View
PHT/89439JD02/027	Battery View
PHT/89439JD02/028	900 MHz Head Fluid Level
PHT/89439JD02/029	900 MHz Body Fluid Level
PHT/89439JD02/030	1900 MHz Head Fluid Level
PHT/89439JD02/031	1900 MHz Body Fluid Level
PHT/89439JD02/032	2450 MHz Head Fluid Level
PHT/89439JD02/033	2450 MHz Body Fluid Level

PHT/89439JD02/001: Test configuration for the measurement of Specific Absorption Rate (SAR)



PHT/89439JD02/002: Touch Left



PHT/89439JD02/003: Tilt Left



PHT/89439JD02/004: Touch Right



PHT/89439JD02/005: Tilt Right



PHT/89439JD02/006: Front of EUT facing Phantom at 10mm



PHT/89439JD001/008: Back of EUT facing Phantom at 10mm



PHT/89439JD02/009: Back of EUT facing Phantom at 15mm



PHT/89439JD02/010: Left Hand Side of EUT Facing Phantom



PHT/89439JD02/011: Right Hand Side of EUT Facing Phantom



PHT/89439JD02/012: Top of EUT Facing Phantom



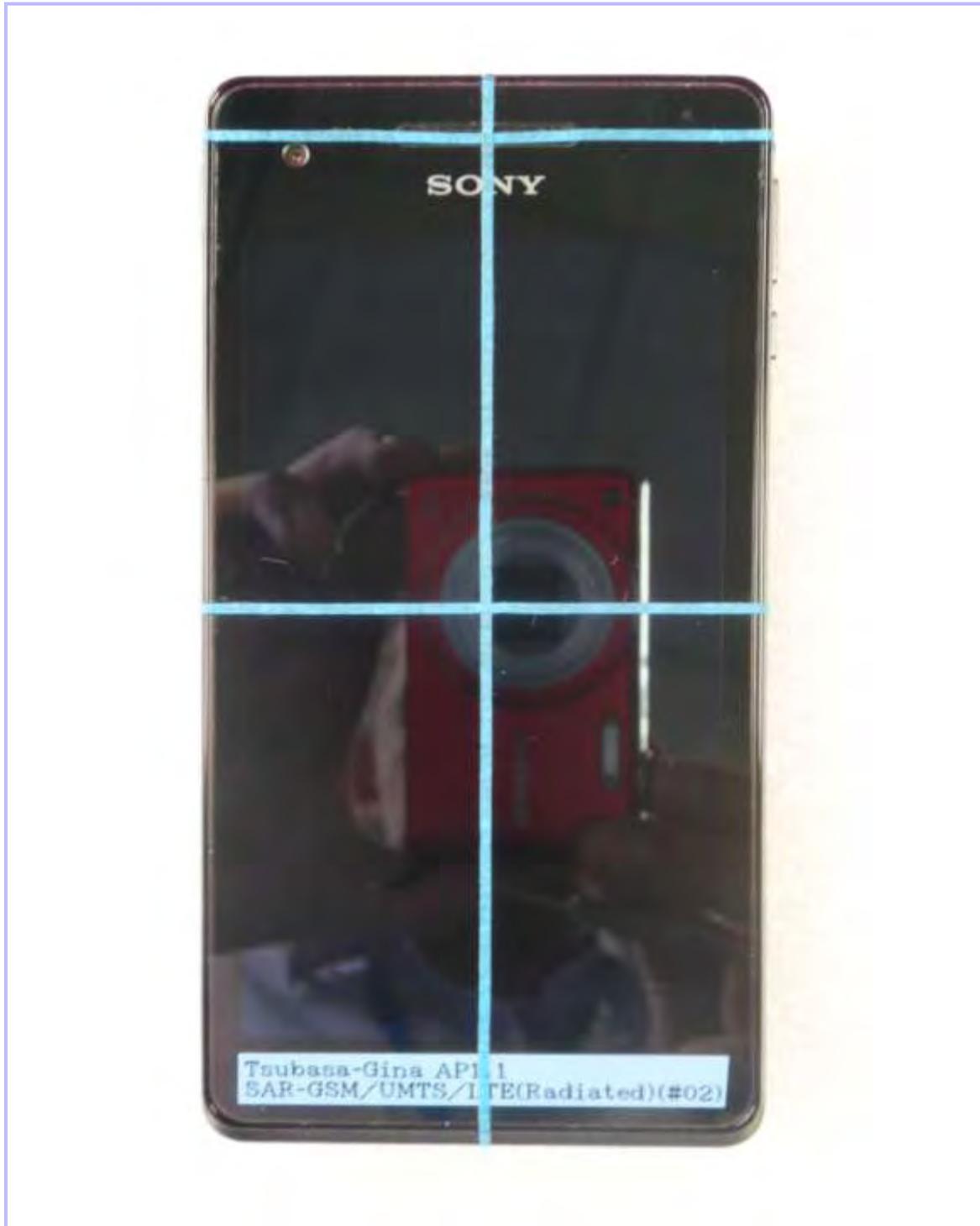
PHT/89439JD02/013: Bottom of EUT Facing Phantom



PHT/89439JD02/014: General Setup of EUT with PHF



PHT/89439JD02/015: Front View of EUT



PHT/89439JD02/016: Back View of EUT



PHT/89439JD02/017: Left Hand View Side of EUT



PHT/89439JD02/018: Right Hand Side View of EUT



PHT/89439JD02/019: Top View of EUT



PHT/89439JD02/020: Bottom View of EUT



PHT/89439JD02/021: Internal view of WWAN Radiated Sample (CB5A1KT671)



PHT/89439JD02/022: Internal view of WWAN Radiated Sample (CB5A1KTY5)



PHT/89439JD02/023: Internal view of WWAN Conducted Sample (CB5A1KT671)



PHT/89439JD02/024: Internal view of WLAN Radiated Sample (CB5A1KT6AD)



PHT/89439JD02/025: Internal view of WLAN Conducted Sample (CB5A1KTGY8)



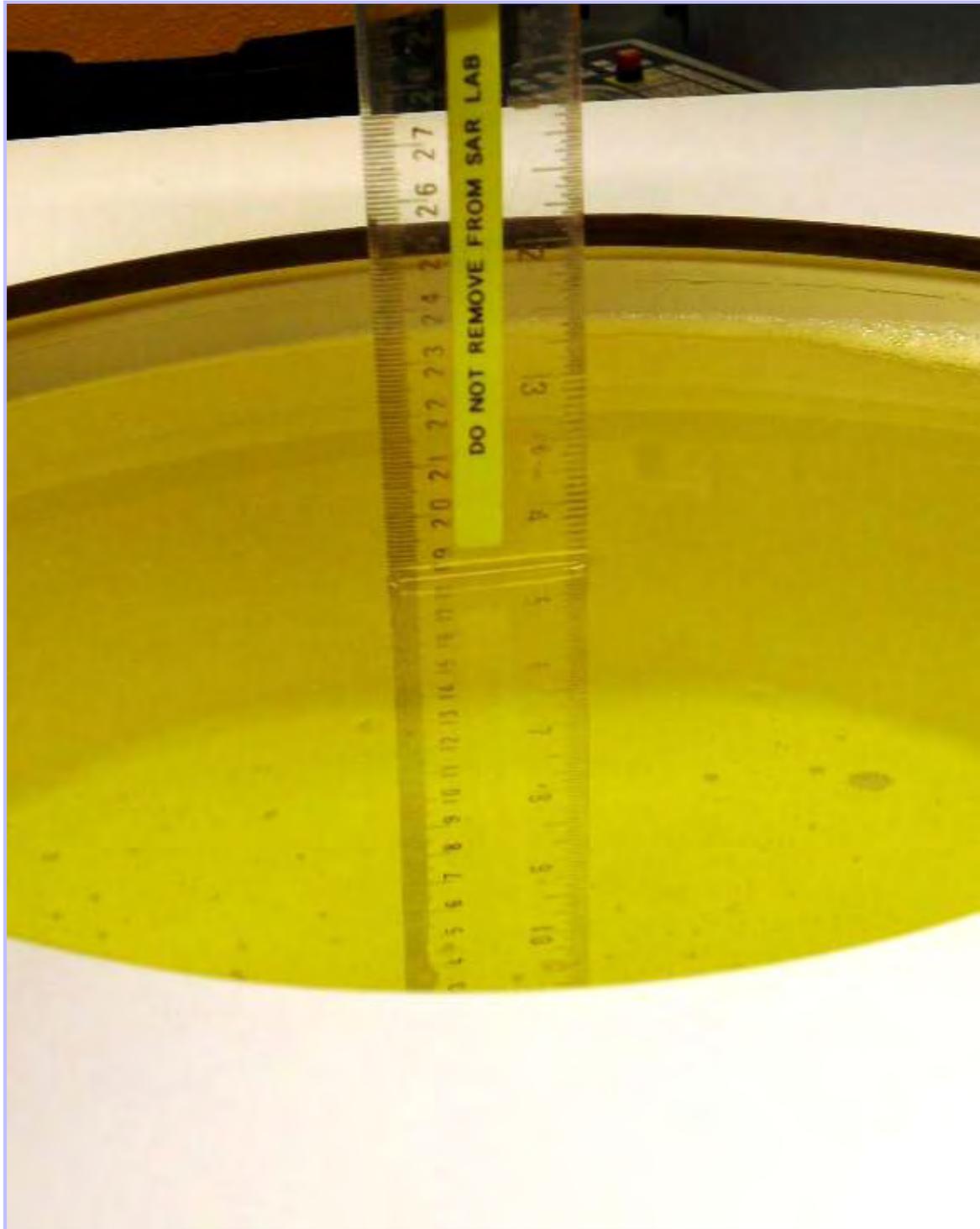
PHT/89439JD02/026: PHF View



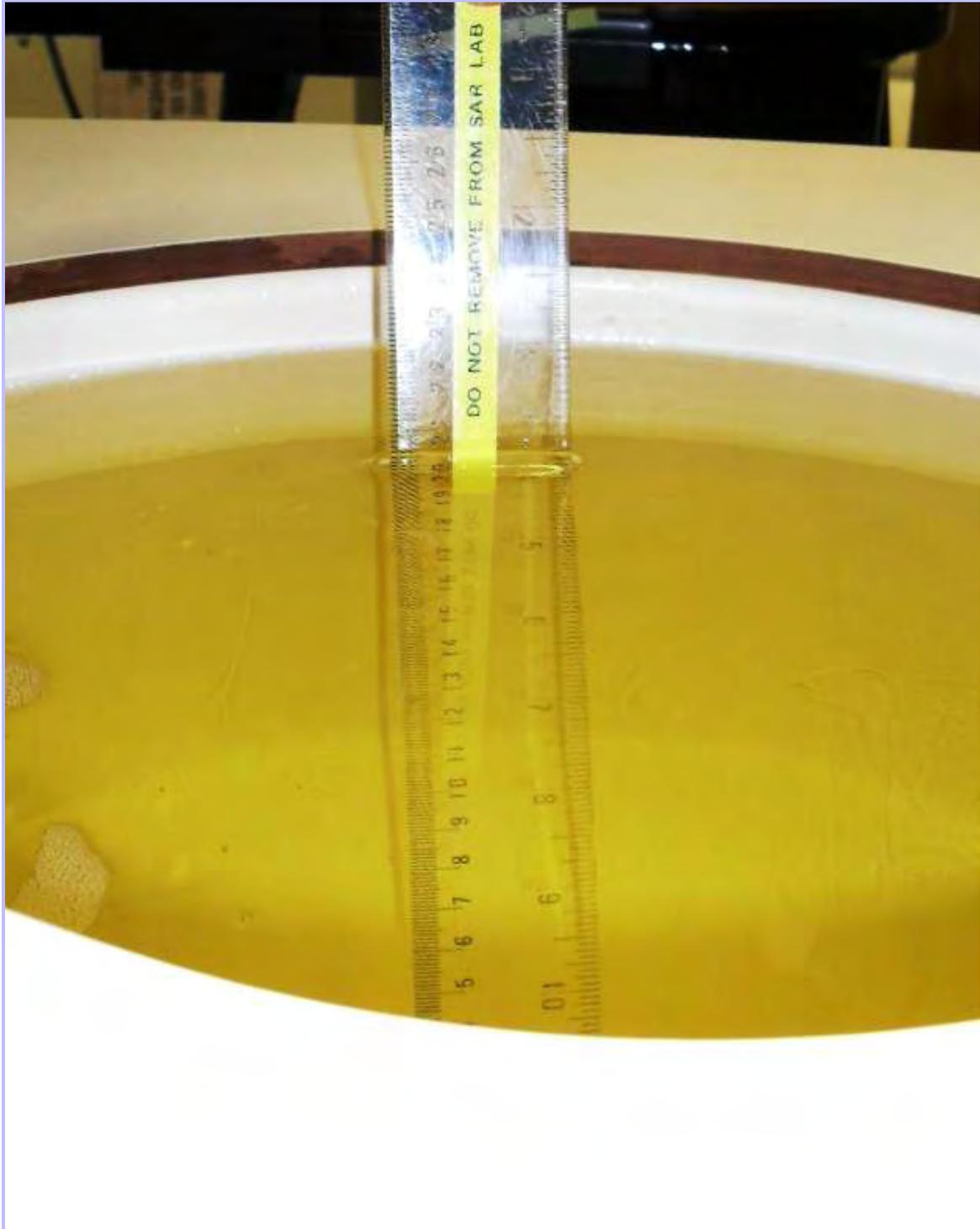
PHT/89439JD02/027: Battery View



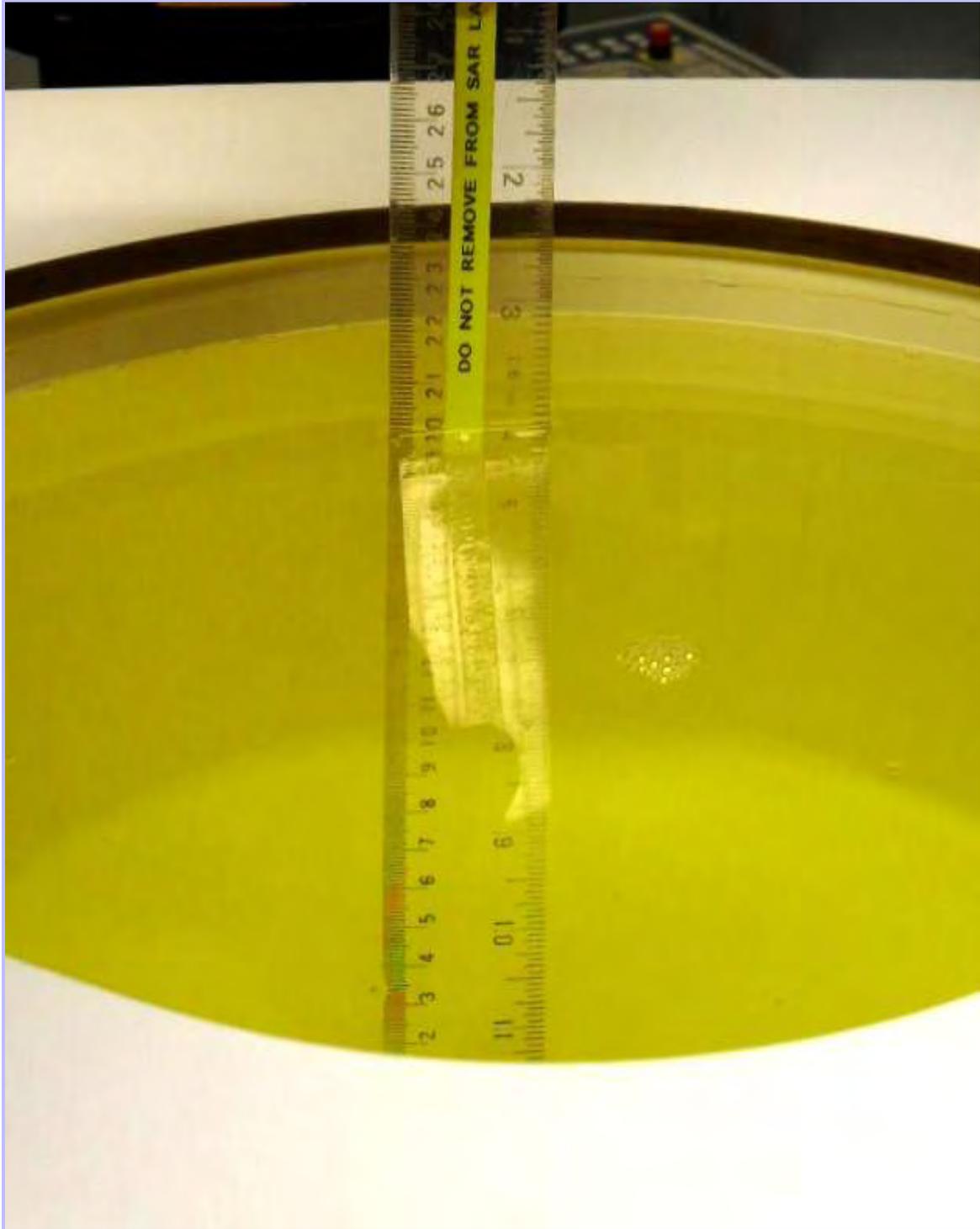
PHT/89439JD02/028: 900 MHz Head Fluid Level



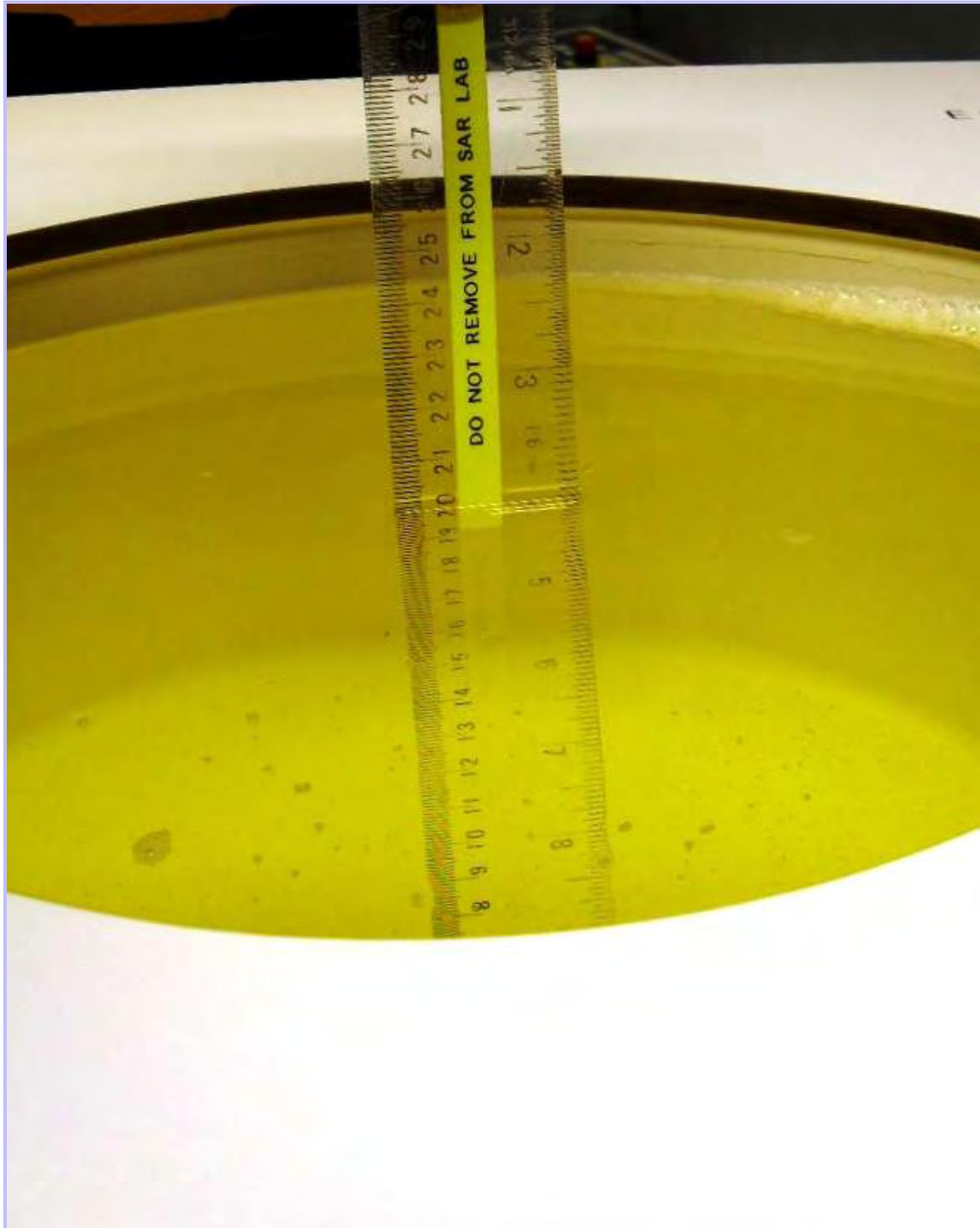
PHT/89439JD02/029: 900 MHz Body Fluid Level



PHT/89439JD02/030: 1900 MHz Head Fluid Level



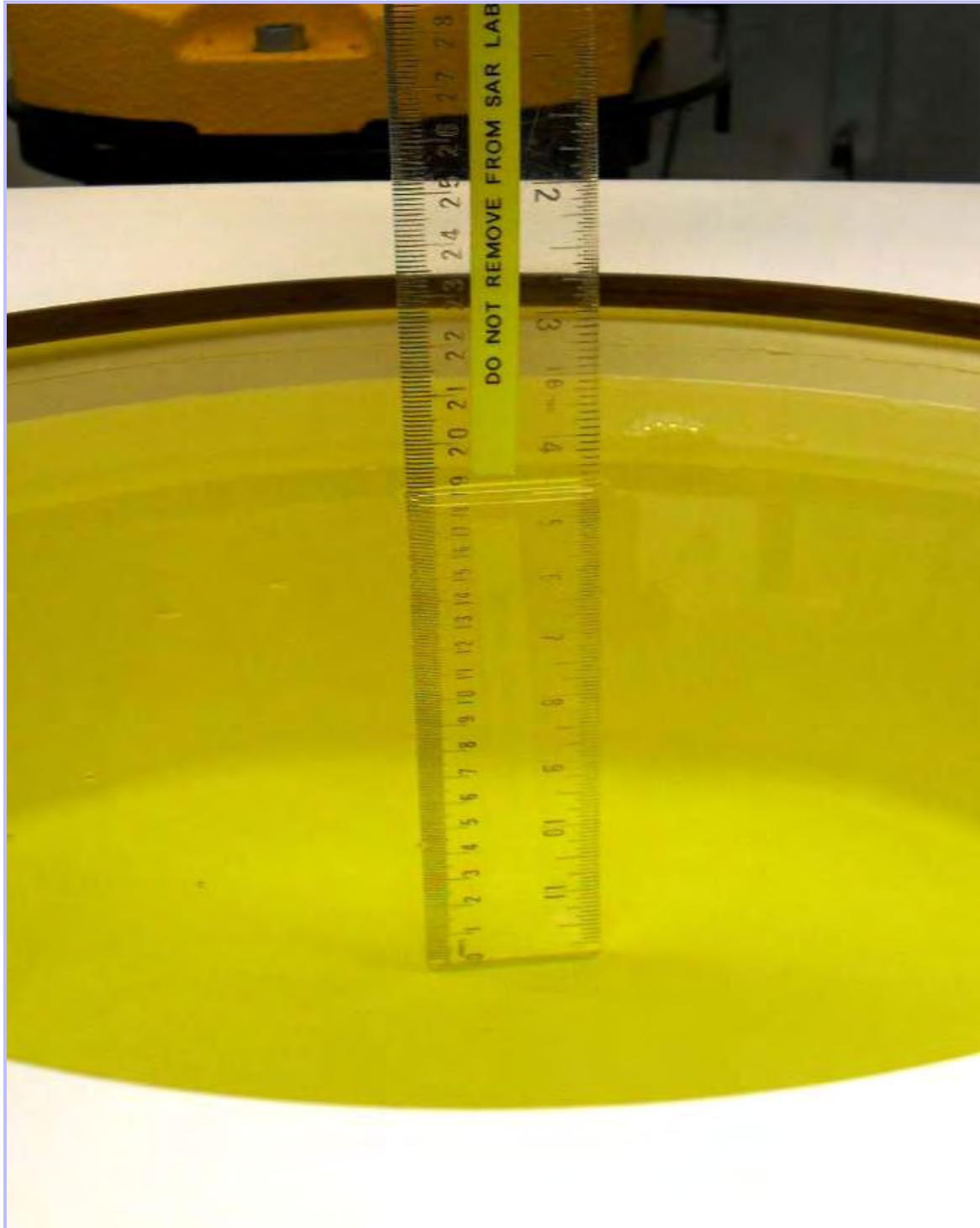
PHT/89439JD02/031: 1900 MHz Body Fluid Level



PHT/89439JD02/032: 2450 MHz Head Fluid Level



PHT/89439JD02/033: 2450 MHz Body Fluid Level



Appendix 4. System Check

Prior to the assessment, the system was verified in the flat region of the phantom, 900 MHz, 1900 MHz and 2450 MHz dipoles were used. A forward power of 250 mW was applied to the dipole and the system was verified to a tolerance of $\pm 5\%$ for the 900MHz, 1900MHz and 2450MHz dipoles.

The applicable verification normalised to 1 Watt.

System Check 850/900 Head

Date: 07/09/2012

Validation Dipole and Serial Number: D900V2; SN: 124

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Head	900	24.0 °C	22.3 °C	ϵ_r	41.50	39.91	-3.84	5.00
				σ	0.97	0.94	-3.11	5.00
				1g SAR	11.00	10.72	-2.55	5.00
				10g SAR	7.01	7.12	1.57	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
128	Low	824.2	ϵ_r	40.50
			σ	0.89
190	Middle	836.6	ϵ_r	40.50
			σ	0.90
251	High	848.8	ϵ_r	40.40
			σ	0.91

Date: 13/09/2012

Validation Dipole and Serial Number: D900V2; SN: 035

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Head	900	24.0 °C	23.5 °C	ϵ_r	41.50	41.76	0.62	5.00
				σ	0.97	0.94	-3.49	5.00
				1g SAR	10.50	10.48	-0.19	5.00
				10g SAR	6.74	6.92	2.67	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
4132	Low	826.4	ϵ_r	42.20
			σ	0.89
4183	Middle	836.6	ϵ_r	42.10
			σ	0.90
4233	High	846.6	ϵ_r	42.10
			σ	0.91

System Check 850/900 Head (Continued):

Date: 14/09/2012

Validation Dipole and Serial Number: D900V2; SN: 035

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Head	900	24.0 °C	23.5 °C	ϵ_r	41.50	41.76	0.62	5.00
				σ	0.97	0.94	-3.49	5.00
				1g SAR	10.50	10.64	1.33	5.00
				10g SAR	6.74	7.04	4.45	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
20450	Low	829	ϵ_r	42.20
			σ	0.89
20525	Middle	836.5	ϵ_r	42.10
			σ	0.90
20600	High	844	ϵ_r	42.10
			σ	0.90

Date: 13/11/2012

Validation Dipole and Serial Number: D900V2; SN: 035

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Head	900	24.0 °C	22.9 °C	ϵ_r	41.50	42.45	2.29	5.00
				σ	0.97	0.96	-1.46	5.00
				1g SAR	10.50	10.72	2.10	5.00
				10g SAR	6.74	6.92	2.67	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
20407	Low	824.7	ϵ_r	42.92
			σ	0.90
20525	Middle	836.5	ϵ_r	42.82
			σ	0.91
20643	High	848.3	ϵ_r	42.72
			σ	0.91

System Check 850/900 Head (Continued):
Date: 14/11/2012
Validation Dipole and Serial Number: D900V2; SN: 035

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Head	900	24.0 °C	22.9 °C	ϵ_r	41.50	42.45	2.29	5.00
				σ	0.97	0.96	-1.46	5.00
				1g SAR	10.50	10.60	0.95	5.00
				10g SAR	6.74	6.84	1.48	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
20407	Low	824.7	ϵ_r	42.92
			σ	0.90
20525	Middle	836.5	ϵ_r	42.82
			σ	0.91
20643	High	848.3	ϵ_r	42.72
			σ	0.91

Channel Number	Channel Description	Frequency (MHz)	Parameters	
20450	Low	829	ϵ_r	42.89
			σ	0.90
20525	Middle	836.5	ϵ_r	42.82
			σ	0.91
20600	High	844	ϵ_r	42.78
			σ	0.91

System Check 850/900 Body

Date: 08/09/2012

Validation Dipole and Serial Number: D900V2; SN: 035

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Body	900	24.0 °C	21.4 °C	ϵ_r	55.00	53.08	-3.50	5.00
				σ	1.05	1.02	-3.13	5.00
				1g SAR	10.80	10.84	0.37	5.00
				10g SAR	6.96	7.16	2.87	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
128	Low	824.2	ϵ_r	53.50
			σ	0.97
190	Middle	836.6	ϵ_r	53.50
			σ	0.98
251	High	848.8	ϵ_r	53.40
			σ	0.99

Date: 10/09/2012

Validation Dipole and Serial Number: D900V2; SN: 035

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Body	900	24.0 °C	23.7 °C	ϵ_r	55.00	53.21	-3.25	5.00
				σ	1.05	1.04	-0.81	5.00
				1g SAR	10.80	10.84	0.37	5.00
				10g SAR	6.96	7.12	2.30	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
4132	Low	826.4	ϵ_r	53.50
			σ	1.00
4183	Middle	836.6	ϵ_r	53.40
			σ	1.01
4233	High	846.6	ϵ_r	53.40
			σ	1.01

System Check 850/900 Body (Continued):

Date: 11/09/2012

Validation Dipole and Serial Number: D900V2; SN: 035

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Body	900	24.0 °C	23.7 °C	ϵ_r	55.00	53.21	-3.25	5.00
				σ	1.05	1.04	-0.81	5.00
				1g SAR	10.80	10.40	-3.70	5.00
				10g SAR	6.96	6.84	-1.72	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
128	Low	824.2	ϵ_r	53.50
			σ	0.998
190	Middle	836.6	ϵ_r	53.40
			σ	1.01
251	High	848.8	ϵ_r	53.40
			σ	1.01
Channel Number	Channel Description	Frequency (MHz)	Parameters	
4132	Low	826.4	ϵ_r	53.50
			σ	1.00
4183	Middle	836.6	ϵ_r	53.40
			σ	1.01
4233	High	846.6	ϵ_r	53.40
			σ	1.01

Date: 15/09/2012

Validation Dipole and Serial Number: D900V2; SN: 035

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Body	900	24.0 °C	22.9 °C	ϵ_r	55.00	53.31	-3.07	5.00
				σ	1.05	1.02	-2.84	5.00
				1g SAR	10.80	10.80	0.00	5.00
				10g SAR	6.96	7.12	2.30	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
20450	Low	829	ϵ_r	53.50
			σ	0.98
20525	Middle	836.5	ϵ_r	53.50
			σ	0.99
20600	High	844	ϵ_r	53.50
			σ	0.99

System Check 850/900 Body (Continued):

Date: 17/09/2012

Validation Dipole and Serial Number: D900V2; SN: 035

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Body	900	24.0 °C	23.5 °C	ϵ_r	55.00	53.31	-3.08	5.00
				σ	1.05	1.04	-1.09	5.00
				1g SAR	10.80	10.52	-2.59	5.00
				10g SAR	6.96	6.84	-1.72	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
20450	Low	829	ϵ_r	53.60
			σ	1.00
20525	Middle	836.5	ϵ_r	53.60
			σ	1.00
20600	High	844	ϵ_r	53.50
			σ	1.00

Date: 10/11/2012

Validation Dipole and Serial Number: D900V2; SN: 035

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Body	900	24.0 °C	21.6 °C	ϵ_r	55.00	56.31	2.38	5.00
				σ	1.05	1.03	-1.64	5.00
				1g SAR	10.80	10.48	-2.96	5.00
				10g SAR	6.96	6.88	-1.15	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
20407	Low	824.7	ϵ_r	56.56
			σ	0.99
20525	Middle	836.5	ϵ_r	56.49
			σ	1.00
20643	High	848.3	ϵ_r	56.43
			σ	1.01

System Check 850/900 Body (Continued):

Date: 12/11/2012

Validation Dipole and Serial Number: D900V2; SN: 035

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Body	900	24.0 °C	23.0 °C	ϵ_r	55.00	56.03	1.87	5.00
				σ	1.05	1.02	-3.19	5.00
				1g SAR	10.80	10.32	-3.33	5.00
				10g SAR	6.96	6.84	-1.72	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
20407	Low	824.7	ϵ_r	56.23
			σ	0.97
20525	Middle	836.5	ϵ_r	56.19
			σ	0.97
20643	High	848.3	ϵ_r	56.15
			σ	0.98

Date: 13/11/2012

Validation Dipole and Serial Number: D900V2; SN: 035

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Body	900	24.0 °C	23.0 °C	ϵ_r	55.00	56.03	1.87	5.00
				σ	1.05	1.02	-3.19	5.00
				1g SAR	10.80	10.64	-1.48	5.00
				10g SAR	6.96	6.76	-2.87	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
20450	Low	829	ϵ_r	56.22
			σ	0.97
20525	Middle	836.5	ϵ_r	56.19
			σ	0.97
20600	High	844	ϵ_r	56.17
			σ	0.98

System Check 1900 Head

Date: 12/09/2012

Validation Dipole and Serial Number: D1900V2; SN: 540

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Head	1900	24.0 °C	22.5 °C	ϵ_r	40.00	39.13	-2.17	5.00
				σ	1.40	1.43	2.25	5.00
				1g SAR	40.30	39.68	-1.54	5.00
				10g SAR	21.00	20.72	-1.33	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
512	Low	1850.2	ϵ_r	39.30
			σ	1.38
661	Middle	1880	ϵ_r	39.20
			σ	1.41
810	High	1909.8	ϵ_r	39.10
			σ	1.44

System Check 1900 Body

Date: 08/09/2012

Validation Dipole and Serial Number: D1900V2; SN: 540

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Body	1900	24.0 °C	22.3 °C	ϵ_r	53.30	51.49	-3.40	5.00
				σ	1.52	1.54	1.09	5.00
				1g SAR	40.70	42.00	3.19	5.00
				10g SAR	21.60	22.40	3.70	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
512	Low	1850.2	ϵ_r	51.60
			σ	1.49
661	Middle	1880	ϵ_r	51.50
			σ	1.52
810	High	1909.8	ϵ_r	51.40
			σ	1.55

Date: 10/09/2012

Validation Dipole and Serial Number: D1900V2; SN: 540

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Body	1900	24.0 °C	21.7 °C	ϵ_r	53.30	51.59	-3.20	5.00
				σ	1.52	1.54	1.60	5.00
				1g SAR	40.70	41.60	2.21	5.00
				10g SAR	21.60	22.04	2.04	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
512	Low	1850.2	ϵ_r	51.70
			σ	1.50
661	Middle	1880	ϵ_r	51.60
			σ	1.53
810	High	1909.8	ϵ_r	51.60
			σ	1.56

System Check 2450 Head

Date: 17/09/2012

Validation Dipole and Serial Number: D2450V2; SN: 725

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Head	2450	24.0 °C	24.0 °C	ϵ_r	39.20	40.71	3.86	5.00
				σ	1.80	1.84	2.23	5.00
				1g SAR	52.90	52.00	-1.70	5.00
				10g SAR	24.70	23.92	-3.16	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
1	Low	2412	ϵ_r	40.80
			σ	1.80
6	Middle	2437	ϵ_r	40.70
			σ	183.00
11	High	2463	ϵ_r	40.70
			σ	1.86

System Check 2450 Body

Date: 14/09/2012

Validation Dipole and Serial Number: D2450V2; SN: 725

Simulant	Frequency (MHz)	Room Temp	Liquid Temp	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Body	2450	24.0 °C	24.0 °C	ϵ_r	52.70	51.56	-2.16	5.00
				σ	1.95	2.00	2.53	5.00
				1g SAR	51.90	54.00	4.05	5.00
				10g SAR	24.10	23.72	-1.58	5.00

Dielectrics for Frequencies Tested

Channel Number	Channel Description	Frequency (MHz)	Parameters	
1	Low	2412	ϵ_r	51.60
			σ	1.95
6	Middle	2437	ϵ_r	51.60
			σ	1.98
11	High	2463	ϵ_r	51.60
			σ	1.98

Appendix 5. Simulated Tissues

The body mixture consists of water, Polysorbate and salt. Visual inspection is made to ensure air bubbles are not trapped during the mixing process. The mixture is calibrated to obtain proper dielectric constant (permittivity) and conductivity of the tissue.

ingredient	Frequency
	835/850/900 MHz Head
De-Ionized Water	52.87
Polysorbate 20 (Tween 20)	46.10
Salt	1.03

Ingredient	Frequency
	835/850/900 MHz Body
De-Ionized Water	71.30
Polysorbate 20 (Tween 20)	28.00
Salt	0.70

Ingredient	Frequency
	1800/1900 MHz Head
De-Ionized Water	55.40
Polysorbate 20 (Tween 20)	44.22
Salt	0.38

Ingredient	Frequency
	1800/1900 MHz Body
De-Ionized Water	71.50
Polysorbate 20 (Tween 20)	28.00
Salt	0.50

Ingredient	Frequency
	2450 MHz Head
De-Ionized Water	55.75
Polysorbate 20 (Tween 20)	45.25

Ingredient	Frequency
	2450 MHz Body
De-Ionized Water	71.70
Polysorbate 20 (Tween 20)	28.00
Salt	0.30

Appendix 6. DASY4 System Details

A.6.1. DASY4 SAR Measurement System

RFI Global Services Ltd, SAR measurement facility utilises the Dosimetric Assessment System (DASY™) manufactured by Schmid & Partner Engineering AG (SPEAG™) of Zurich, Switzerland. The DASY4 system is coPower Back offised of the robot controller, computer, near-field probe, probe alignment sensor, and the SAM phantom containing brain or muscle equivalent material. The robot is a six-axis industrial robot performing precise movements to position the probe to the location (points) of maximum electromagnetic field (EMF). A cell controller system contains the power supply, robot controller; teach pendant (Joystick), and remote control. This is used to drive the robot motors. The Staubli robot is connected to the cell controller to allow software manipulation of the robot. The data acquisition electronics (DAE) performs signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection etc. The DAE is connected to the Electro-optical coupler (EOC). The EOC performs the conversion from the optical into digital electric signal of the DAE and transfers data to the PC plug-in card. The DAE3 utilises a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching mulitplexer, a fast 16-bit AD-converter and a command decoder and control logic unit. Transmission to the PC-card is accomplished through an optical downlink for data and status information and an optical uplink for commands and clock lines. The mechanical probe-mounting device includes two different sensor systems for frontal and sidewise probe contacts. They are also used for mechanical surface detection and probe collision detection. The robot uses its own controller with a built in VME-bus computer.

A.6.2. DASY4 SAR System Specifications

Robot System

Positioner:	Stäubli Unimation Corp. Robot Model: RX90L
Repeatability:	0.025 mm
No. of Axis:	6
Serial Number:	F00/SD89A1/A/01
Reach:	1185 mm
Payload:	3.5 kg
Control Unit:	CS7
Programming Language:	V+

Robot System

Positioner:	Stäubli Unimation Corp. Robot Model: RX90L
Repeatability:	0.025 mm
No. of Axis:	6
Serial Number:	F01/5J86A1/A/01
Reach:	1185 mm
Payload:	3.5 kg
Control Unit:	CS7
Programming Language:	V+

Data Acquisition Electronic (DAE) System

Serial Number:	DAE3 SN:394
Serial Number:	DAE3 SN:432

PC Controller

PC:	Dell Precision 340
Operating System:	Windows 2000
Data Card:	DASY4 Measurement Server
Serial Number:	1080

Data Converter

Features:	Signal Amplifier, multiplexer, A/D converted and control logic.
Software:	DASY4 Software
Connecting Lines:	Optical downlink for data and status info. Optical uplink for commands and clock.

PC Interface Card

Function:	24 bit (64 MHz) DSP for real time processing Link to DAE3 16 nit A/D converter for surface detection system serial link to robot direct emergency stop output for robot.
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DASY4 SAR System Specifications (Continued)

E-Field Probe

Model:	EX3DV4
Serial No:	3814
Construction:	Triangular core
Frequency:	10 MHz to >6 GHz
Linearity:	±0.2 dB (30 MHz to 6 GHz)
Probe Length (mm):	330
Probe Diameter (mm):	12
Tip Length (mm):	20
Tip Diameter (mm):	2.5
Sensor X Offset (mm):	1
Sensor Y Offset (mm):	1
Sensor Z Offset (mm):	1

E-Field Probe

Model:	ET3DV6
Serial No:	1528
Construction:	Triangular core
Frequency:	10 MHz to 2.55GHz
Linearity:	±0.2 dB (30 MHz to 2.55GHz)
Probe Length (mm):	337
Probe Diameter (mm):	10
Tip Length (mm):	10
Tip Diameter (mm):	6.8
Sensor X Offset (mm):	2.7
Sensor Y Offset (mm):	2.7
Sensor Z Offset (mm):	2.7

Phantom

Phantom:	SAM Phantom
Shell Material:	Fibreglass
Thickness:	2.0 ±0.1 mm