

**Appendix (Additional assessments outside the scope of SCS0108)**

**1. DC Voltage Linearity**

High Range	Reading ( $\mu\text{V}$ )	Difference ( $\mu\text{V}$ )	Error (%)
Channel X + Input	200030.95	-2.42	-0.00
Channel X + Input	20004.11	-0.05	-0.00
Channel X - Input	-20003.75	2.02	-0.01
Channel Y + Input	200031.20	-2.23	-0.00
Channel Y + Input	20001.46	-2.74	-0.01
Channel Y - Input	-20005.92	-0.05	0.00
Channel Z + Input	200032.03	-1.05	-0.00
Channel Z + Input	20001.94	-2.11	-0.01
Channel Z - Input	-20006.15	-0.20	0.00

Low Range	Reading ( $\mu\text{V}$ )	Difference ( $\mu\text{V}$ )	Error (%)
Channel X + Input	2000.66	0.19	0.01
Channel X + Input	200.40	-0.18	-0.09
Channel X - Input	-198.67	0.81	-0.40
Channel Y + Input	2000.90	0.48	0.02
Channel Y + Input	199.98	-0.58	-0.29
Channel Y - Input	-200.18	-0.62	0.31
Channel Z + Input	2000.68	0.32	0.02
Channel Z + Input	199.07	-1.45	-0.72
Channel Z - Input	-201.14	-1.52	0.76

**2. Common mode sensitivity**

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Common mode Input Voltage (mV)	High Range Average Reading ( $\mu\text{V}$ )	Low Range Average Reading ( $\mu\text{V}$ )
Channel X	200	18.32	16.76
	- 200	-15.73	-17.08
Channel Y	200	-20.47	-20.86
	- 200	20.66	20.31
Channel Z	200	13.43	13.46
	- 200	-15.65	-15.97

**3. Channel separation**

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Input Voltage (mV)	Channel X ( $\mu\text{V}$ )	Channel Y ( $\mu\text{V}$ )	Channel Z ( $\mu\text{V}$ )
Channel X	200	-	0.08	-3.66
Channel Y	200	7.12	-	1.80
Channel Z	200	10.44	4.52	-

**4. AD-Converter Values with inputs shorted**

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	High Range (LSB)	Low Range (LSB)
Channel X	15817	15005
Channel Y	16329	14457
Channel Z	15576	15478

**5. Input Offset Measurement**

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec  
Input 10MΩ

	Average (μV)	min. Offset (μV)	max. Offset (μV)	Std. Deviation (μV)
Channel X	0.63	-0.54	2.27	0.51
Channel Y	-2.07	-3.42	-1.02	0.49
Channel Z	-0.89	-2.38	0.83	0.54

**6. Input Offset Current**

Nominal Input circuitry offset current on all channels: <25fA

**7. Input Resistance** (Typical values for information)

	Zeroing (kOhm)	Measuring (MOhm)
Channel X	200	200
Channel Y	200	200
Channel Z	200	200

**8. Low Battery Alarm Voltage** (Typical values for information)

Typical values	Alarm Level (VDC)
Supply (+ Vcc)	+7.9
Supply (- Vcc)	-7.6

**9. Power Consumption** (Typical values for information)

Typical values	Switched off (mA)	Stand by (mA)	Transmitting (mA)
Supply (+ Vcc)	+0.01	+6	+14
Supply (- Vcc)	-0.01	-8	-9

## ANNEX J Spot Check For 5009U

### J.1 Conducted power of selected case

**Table J.1-1: The conducted power results for GSM850/1900**

GSM 850MHz	Conducted Power (dBm)		
	Channel 251(848.8MHz)	Channel 190(836.6MHz)	Channel 128(824.2MHz)
	33.08	33.08	33.10
GSM 1900MHz	Conducted Power (dBm)		
	Channel 810(1909.8MHz)	Channel 661(1880MHz)	Channel 512(1850.2MHz)
	30.23	30.42	30.44

**Table J.1-2: The conducted power results for GPRS normal power**

GSM 850 GPRS (GMSK)	Measured Power (dBm)		
	251	190	128
4 Txslots	29.54	29.52	29.51
PCS1900 GPRS (GMSK)	Measured Power (dBm)		
	810	661	512
4 Txslots	26.58	26.91	26.98

**Table J.1-3: The conducted power results for GPRS low power**

PCS1900 GPRS (GMSK)	Measured Power (dBm)		
	810	661	512
3 Txslots	24.05	24.26	24.22

**Table J.1-4: The conducted Power for WCDMA normal power**

Item	band	FDDV result		
	ARFCN	4233 (846.6MHz)	4182 (836.4MHz)	4132 (826.4MHz)
WCDMA	\	23.20	23.18	23.17
Item	band	FDDII result		
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)
WCDMA	\	23.01	23.05	23.25
Item	band	FDDIV result		
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)
WCDMA	\	23.11	23.44	23.10

**Table J.1-5: The conducted Power for WCDMA low power**

Item	band	FDDII result		
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)
WCDMA	\	20.01	20.02	20.60
Item	band	FDDIV result		
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)
WCDMA	\	21.15	21.38	21.07

**Table J.1-6: The conducted Power for WLAN**

Mode / data rate	Channel	Measured Power (dBm)
802.11b – 5.5Mbps	11	16.27
802.11b –5.5Mbps	6	16.01
802.11b –5.5Mbps	1	16.06

**J.2 Measurement results**

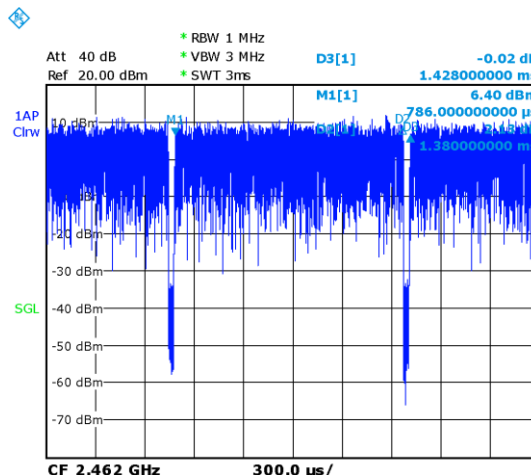
Test Band	Channel	Frequency	Tune-Up	Measured Power	Test Position	Measured 10g SAR	Measured 1g SAR	Reported 10g SAR	Reported 1g SAR	Power Drift	Figure
GSM850	251	848.8 MHz	33.5	33.08	Right Cheek	0.174	0.224	0.19	<b>0.25</b>	-0.05	Fig J.1
GSM850	190	836.6 MHz	30	29.52	Rear	0.452	0.621	0.50	<b>0.69</b>	-0.01	Fig J.2
PCS1900	512	1850.2 MHz	30.5	30.44	Left Cheek	0.092	0.144	0.09	<b>0.15</b>	0.13	Fig J.3
PCS1900	512	1850.2 MHz	27	26.98	Rear	0.383	0.674	0.38	<b>0.68</b>	-0.16	Fig J.4
PCS1900	512	1850.2 MHz	25	24.05	Bottom edge	0.277	0.544	0.34	<b>0.68</b>	0.02	Fig J.5
WCDMA1900-BII	9262	1852.4 MHz	24	23.25	Left Cheek	0.094	0.145	0.11	<b>0.17</b>	0.07	Fig J.6
WCDMA1900-BII	9262	1852.4 MHz	24	23.25	Rear	0.25	0.445	0.30	<b>0.53</b>	0.16	Fig J.7
WCDMA1900-BII	9262	1852.4 MHz	21	20.60	Bottom edge	0.314	0.604	0.34	<b>0.66</b>	0.1	Fig J.8
WCDMA1700-BIV	1312	1712.4 MHz	24	23.10	Left Cheek	0.045	0.067	0.06	<b>0.08</b>	0.6	Fig J.9
WCDMA1700-BIV	1513	1752.6 MHz	24	23.10	Rear	0.13	0.217	0.16	<b>0.27</b>	-0.14	Fig J.10
WCDMA1700-BIV	1412	1732.4 MHz	22	21.07	Bottom edge	0.244	0.459	0.30	<b>0.57</b>	0.04	Fig J.11
WCDMA850-BV	4132	826.4 MHz	24	23.37	Left Cheek	0.18	0.233	0.21	<b>0.27</b>	0.11	Fig J.12
WCDMA850-BV	4132	826.4 MHz	24	23.37	Rear	0.31	0.395	0.36	<b>0.46</b>	0.07	Fig J.13
WLAN2450	11	2462 MHz	16.5	16.27	Right Cheek	0.079	0.178	0.08	<b>0.19</b>	0.11	Fig J.14
WLAN2450	11	2462 MHz	16.5	16.27	Rear	0.047	0.102	0.05	<b>0.11</b>	-0.09	Fig J.15
WCDMA850-BV	4132	826.4 MHz	24	23.37	Left Cheek	0.175	0.228	0.20	<b>0.26</b>	0.01	SIM2
GSM850	190	836.6 MHz	30	29.52	Rear	0.446	0.615	0.50	<b>0.69</b>	-0.02	SIM2

**Table J.2-1: SAR Values (WLAN - Head) – 802.11b (Scaled Reported SAR)**

Frequency		Side	Test Position	Actual duty factor	maximum duty factor	Reported SAR (1g) (W/kg)	Scaled reported SAR (1g) (W/kg)
MHz	Ch.						
2462	11	Right	Touch	96.64%	100%	<b>0.19</b>	<b>0.20</b>

**Table J.2-2: SAR Values (WLAN - Body) – 802.11b (Scaled Reported SAR)**

Frequency		Test Position	Actual duty factor	maximum duty factor	Reported SAR (1g) (W/kg)	Scaled reported SAR (1g) (W/kg)
MHz	Ch.					
2462	11	Rear	96.64%	100%	<b>0.11</b>	<b>0.11</b>



### J.3 Reported SAR Comparison

Test Band	Reported SAR 1g (W/Kg): spot check	Reported SAR 1g (W/Kg): original
GSM850 Head	<b>0.25</b>	0.29
GSM850 Body	<b>0.69</b>	0.95
PCS1900 Head	<b>0.15</b>	0.11
PCS1900 Body normal power	<b>0.68</b>	0.50
PCS1900 Body low power	<b>0.68</b>	0.73
WCDMA1900-BII Head	<b>0.17</b>	0.17
WCDMA1900-BII Body normal power	<b>0.53</b>	0.34
WCDMA1900-BII Body low power	<b>0.66</b>	0.51
WCDMA1700-BIV Head	<b>0.08</b>	0.09
WCDMA1700-BIV Body normal power	<b>0.27</b>	0.37
WCDMA1700-BIV Body low power	<b>0.57</b>	1.00
WCDMA850-BV Head	<b>0.27</b>	0.32
WCDMA850-BV Body	<b>0.46</b>	0.46
WLAN2450 Head	<b>0.20</b>	0.55
WLAN2450 Body	<b>0.11</b>	0.13

**Note: All the spot check results marked blue are larger than the original result. So it replace the original results and others are shared.**

### GSM850\_CH251 Right Cheek

Date: 3/5/2018

Electronics: DAE4 Sn1525

Medium: head 835 MHz

Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.918$  mho/m;  $\epsilon_r = 42.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: GSM850 848.8 MHz Duty Cycle: 1:8.3

Probe: EX3DV4 – SN7464 ConvF(9.76,9.76,9.76)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.245 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.876 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.174 W/kg**

Maximum value of SAR (measured) = 0.235 W/kg

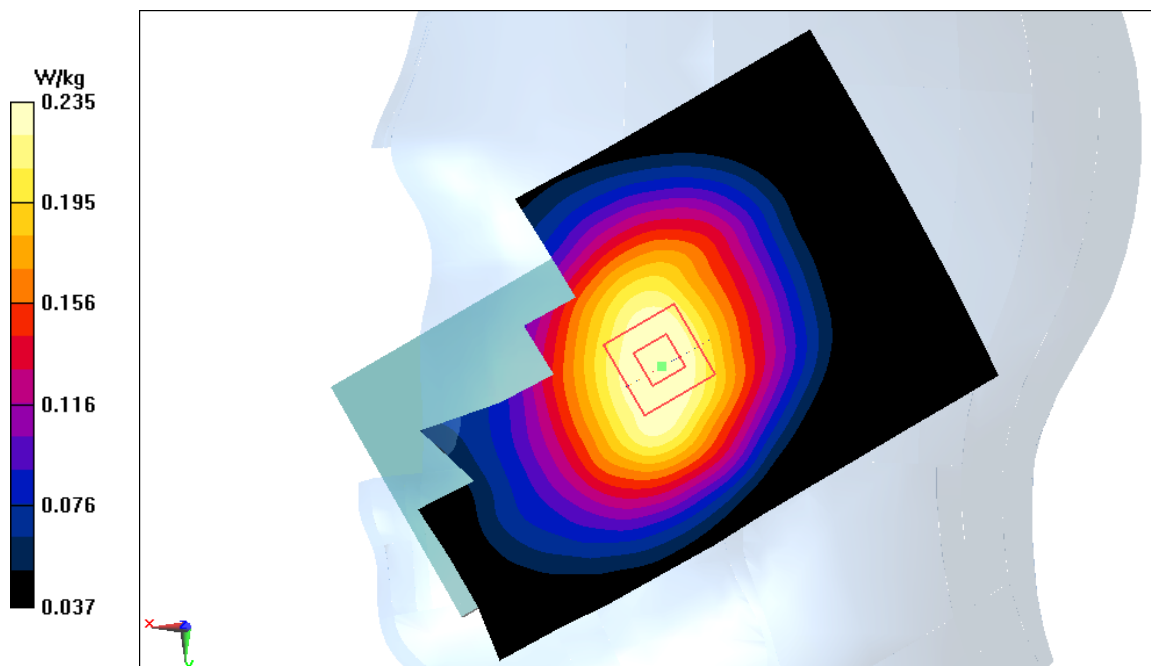


Fig J.1

**GSM850\_CH190 Rear**

Date: 3/5/2018

Electronics: DAE4 Sn1525

Medium: body 835 MHz

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.969$  mho/m;  $\epsilon_r = 54.35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: GSM850 836.6 MHz Duty Cycle: 1:2

Probe: EX3DV4 – SN7464 ConvF(9.89,9.89,9.89)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.685 W/kg

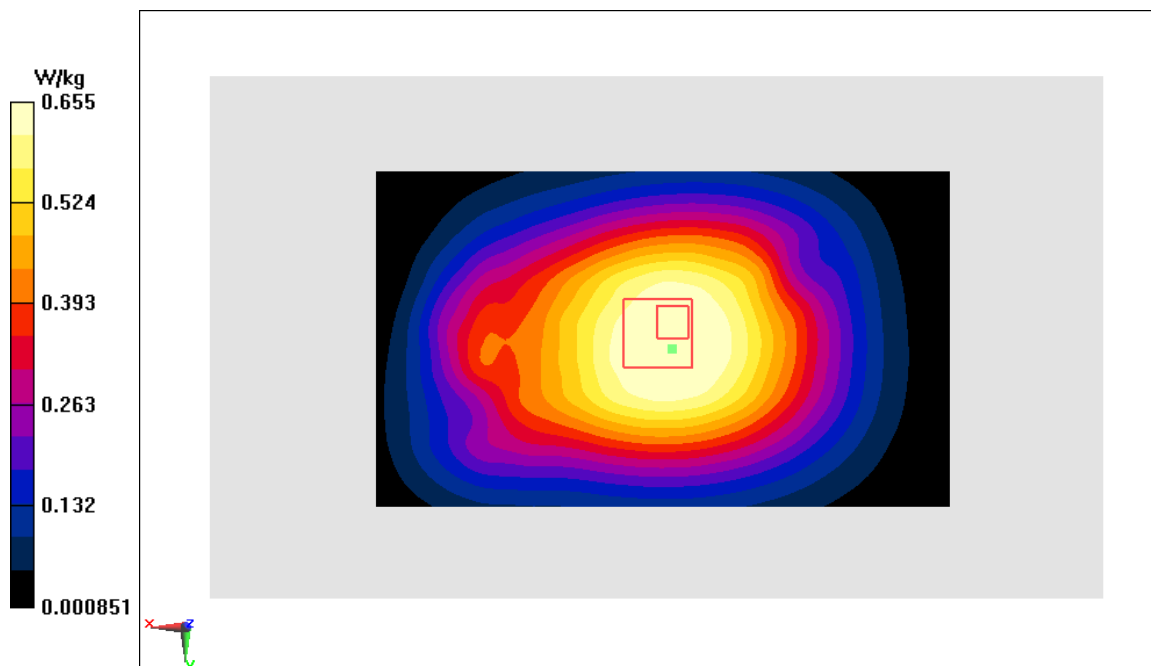
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.76 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.844 W/kg

**SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.452 W/kg**

Maximum value of SAR (measured) = 0.655 W/kg



**Fig J.2**

### PCS1900\_CH512 Left Cheek

Date: 3/7/2018

Electronics: DAE4 Sn1525

Medium: head 1900 MHz

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.338$  mho/m;  $\epsilon_r = 39.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: PCS1900 1850.2 MHz Duty Cycle: 1:8.3

Probe: EX3DV4 – SN7464 ConvF(8.34,8.34,8.34)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.556 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.222 W/kg

**SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.092 W/kg**

Maximum value of SAR (measured) = 0.156 W/kg

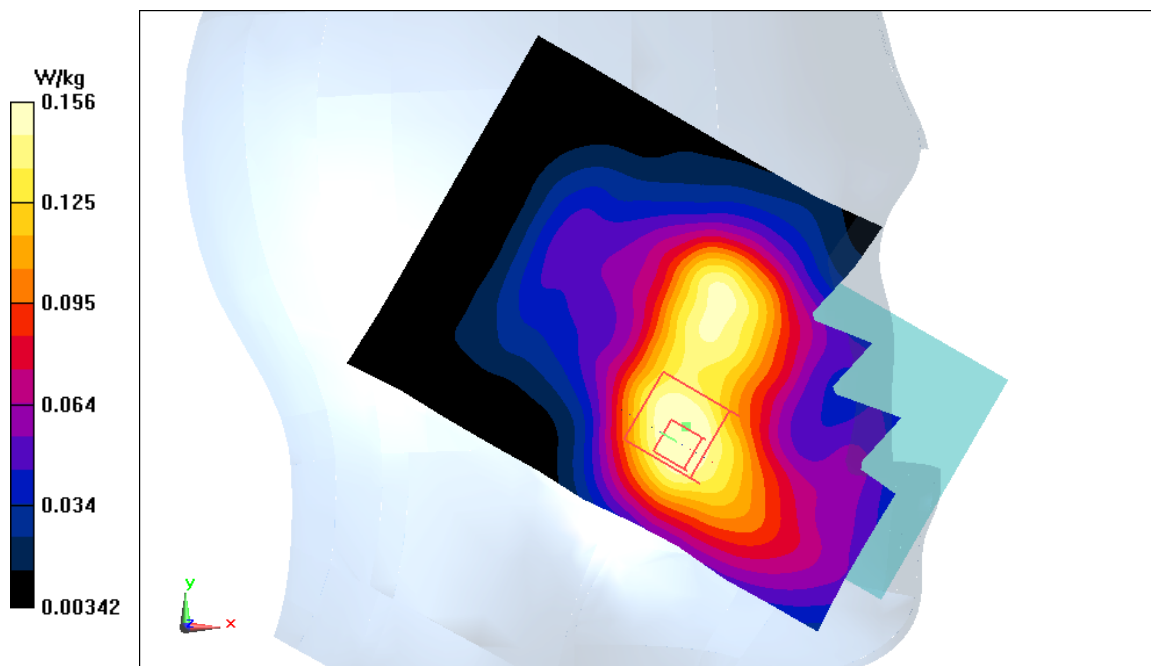


Fig J.3



**PCS1900\_CH512 Rear #1**

Date: 3/7/2018

Electronics: DAE4 Sn1525

Medium: body 1900 MHz

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.477$  mho/m;  $\epsilon_r = 54.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: PCS1900 1850.2 MHz Duty Cycle: 1:2

Probe: EX3DV4 – SN7464 ConvF(7.96,7.96,7.96)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.81 W/kg

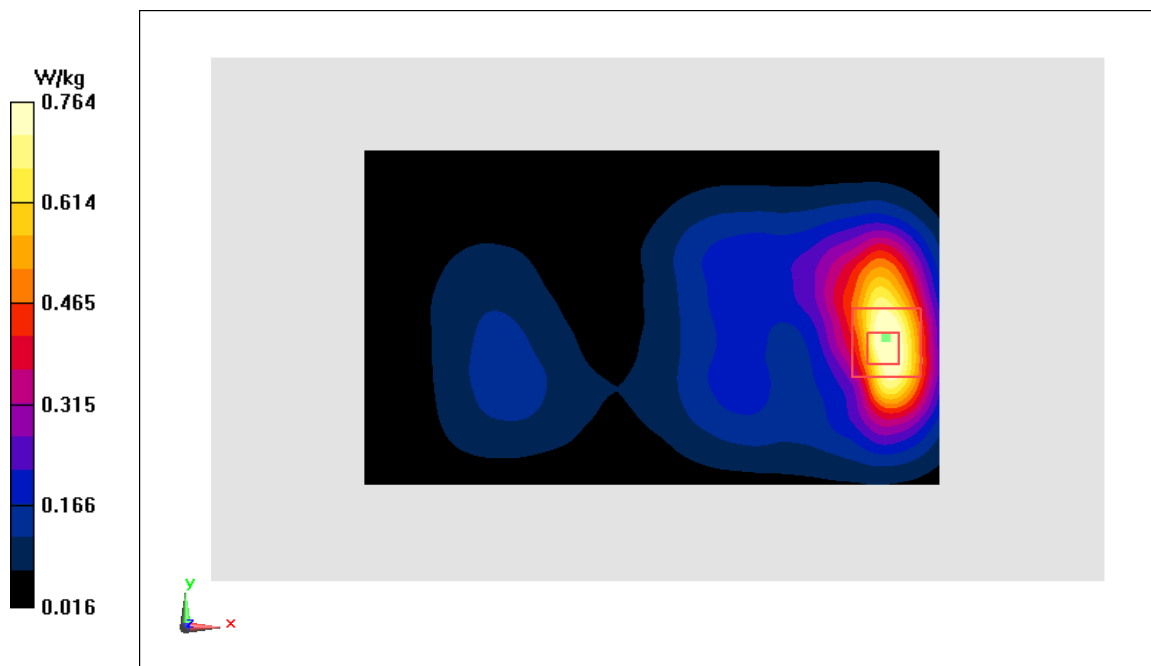
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.669 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.674 W/kg; SAR(10 g) = 0.383 W/kg**

Maximum value of SAR (measured) = 0.764 W/kg



**Fig J.4**

**PCS1900\_CH512 Bottom edge #2**

Date: 3/7/2018

Electronics: DAE4 Sn1525

Medium: head 1900 MHz

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.338$  mho/m;  $\epsilon_r = 39.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: PCS1900 1850.2 MHz Duty Cycle: 1:2.67

Probe: EX3DV4 – SN7464 ConvF(8.34,8.34,8.34)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.66 W/kg

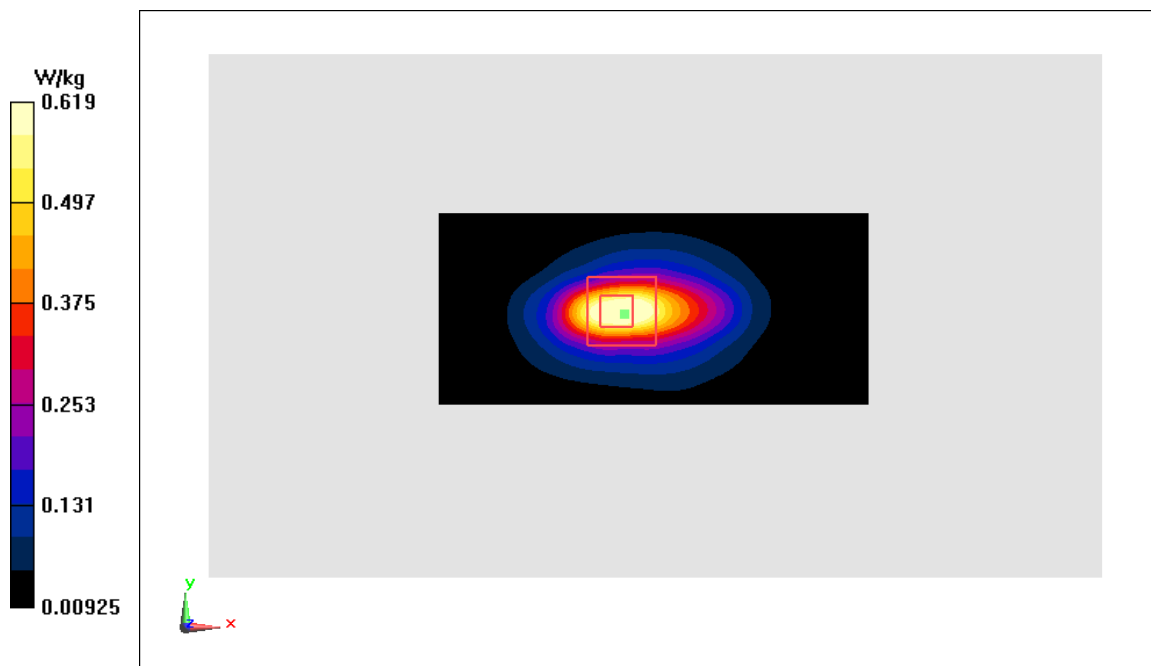
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.28 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.954 W/kg

**SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.277 W/kg**

Maximum value of SAR (measured) = 0.619 W/kg



**Fig J.5**

### WCDMA1900-BII\_CH9262 Left Cheek

Date: 3/7/2018

Electronics: DAE4 Sn1525

Medium: body 1900 MHz

Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.479$  mho/m;  $\epsilon_r = 54.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA1900-BII 1852.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN7464 ConvF(7.96,7.96,7.96)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.163 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.959 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.216 W/kg

**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.094 W/kg**

Maximum value of SAR (measured) = 0.157 W/kg

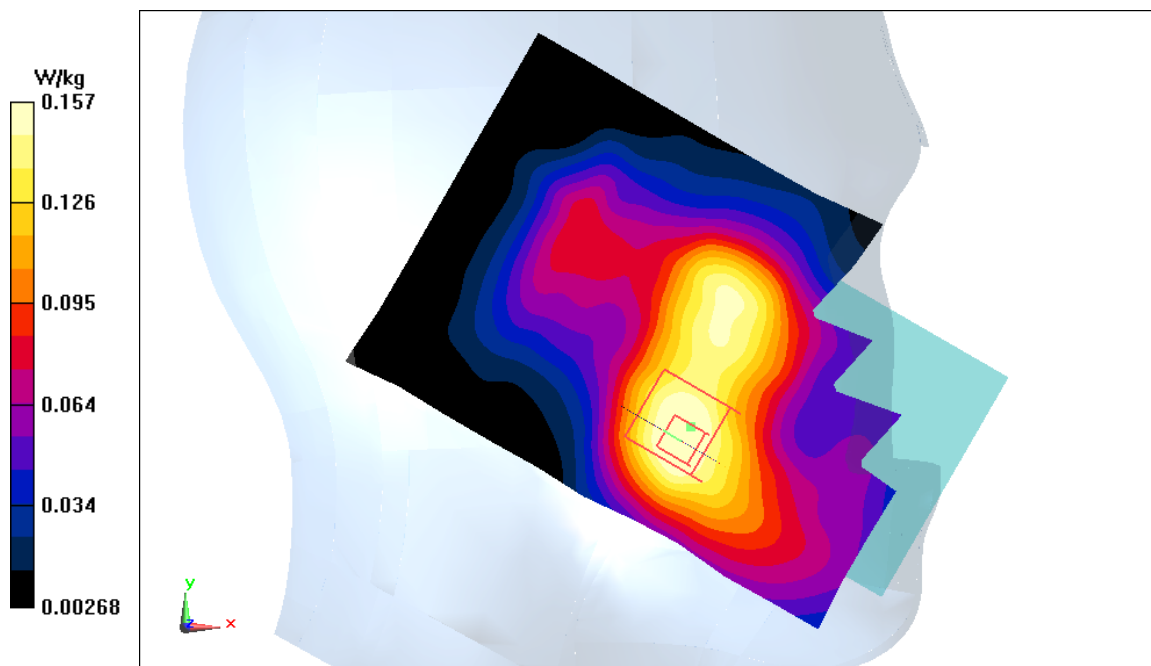


Fig J.6

**WCDMA1900-BII\_CH9262 Rear #1**

Date: 3/7/2018

Electronics: DAE4 Sn1525

Medium: head 1900 MHz

Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.339$  mho/m;  $\epsilon_r = 39.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA1900-BII 1852.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN7464 ConvF(8.34,8.34,8.34)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.516 W/kg

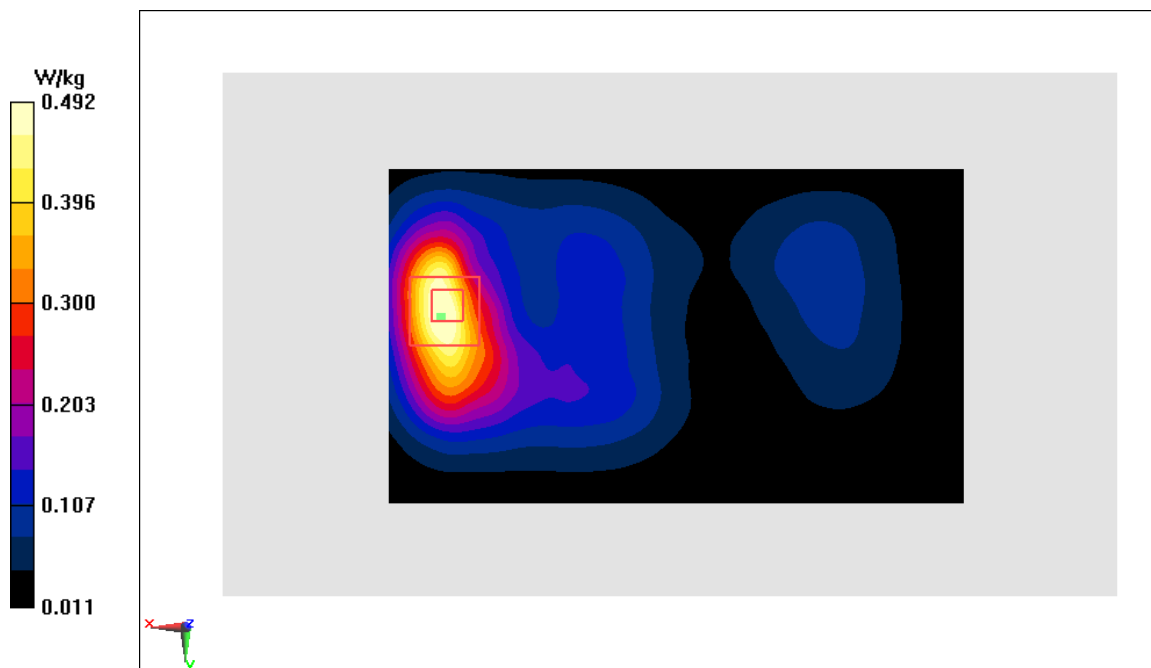
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.288 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.731 W/kg

**SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.25 W/kg**

Maximum value of SAR (measured) = 0.492 W/kg



**Fig J.7**

**WCDMA1900-BII\_CH9262 Bottom edge #2**

Date: 3/7/2018

Electronics: DAE4 Sn1525

Medium: body 1900 MHz

Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.479$  mho/m;  $\epsilon_r = 54.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA1900-BII 1852.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN7464 ConvF(7.96,7.96,7.96)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.788 W/kg

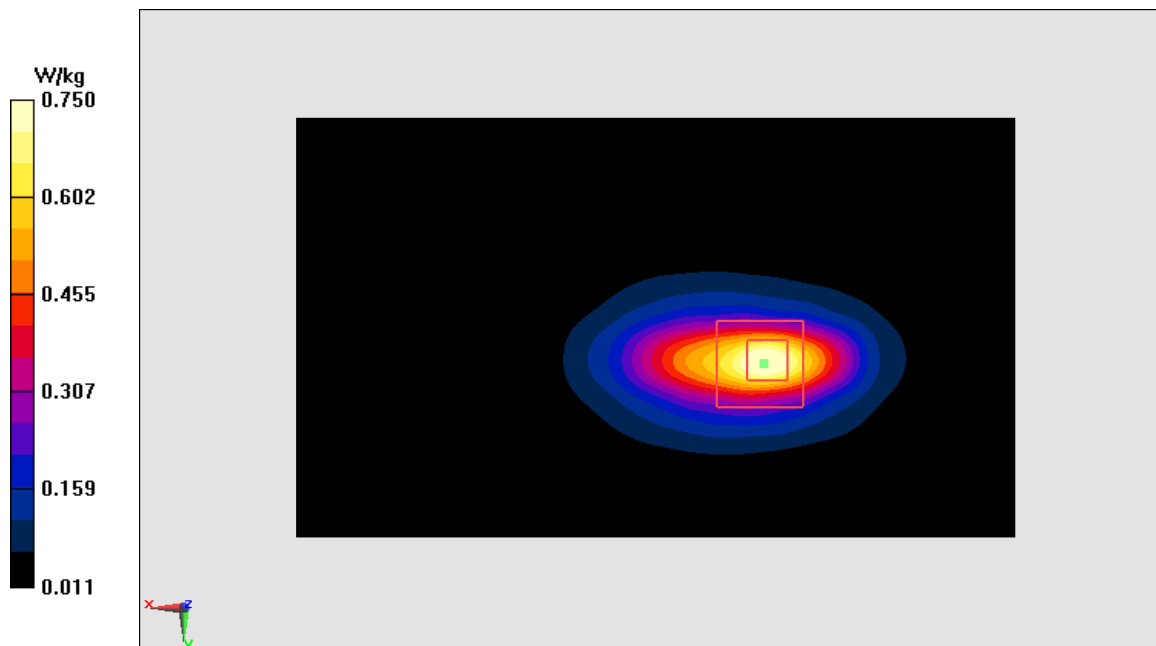
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.88 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.314 W/kg**

Maximum value of SAR (measured) = 0.75 W/kg



**Fig J.8**

### WCDMA1700-BIV\_CH1312 Left Cheek

Date: 3/6/2018

Electronics: DAE4 Sn1525

Medium: head 1750 MHz

Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.361$  mho/m;  $\epsilon_r = 40.12$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA1700-BIV 1712.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN7464 ConvF(8.63,8.63,8.63)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.084 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.348 V/m; Power Drift = 0.6 dB

Peak SAR (extrapolated) = 0.097 W/kg

**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.045 W/kg**

Maximum value of SAR (measured) = 0.0717 W/kg

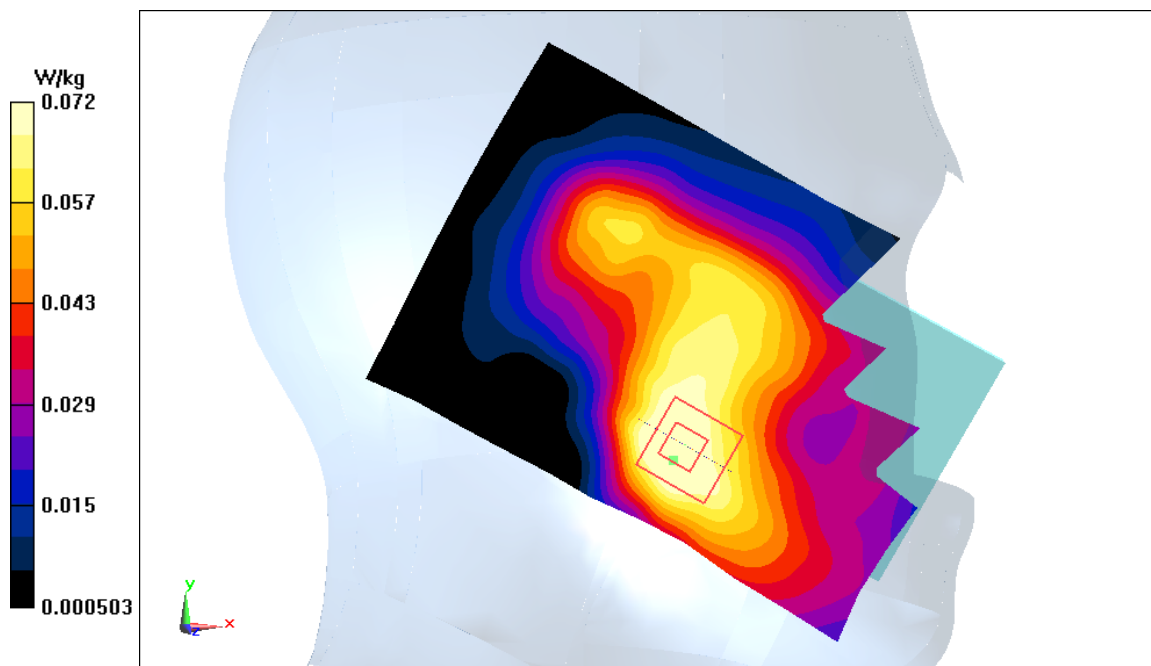


Fig J.9

**WCDMA1700-BIV\_CH1513 Rear #1**

Date: 3/6/2018

Electronics: DAE4 Sn1525

Medium: body 1750 MHz

Medium parameters used:  $f = 1752.6$  MHz;  $\sigma = 1.483$  mho/m;  $\epsilon_r = 53.21$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA1700-BIV 1752.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN7464 ConvF(8.35,8.35,8.35)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.255 W/kg

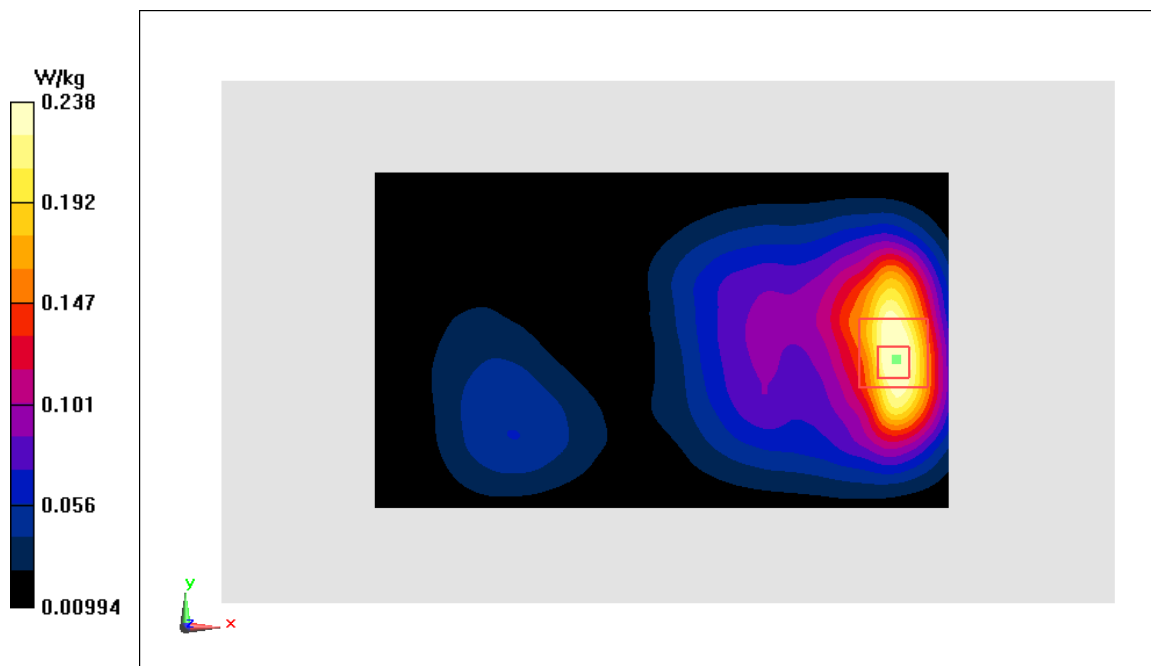
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.169 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.337 W/kg

**SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.13 W/kg**

Maximum value of SAR (measured) = 0.238 W/kg



**Fig J.10**

**WCDMA1700-BIV\_CH1412 Bottom edge #2**

Date: 3/6/2018

Electronics: DAE4 Sn1525

Medium: head 1750 MHz

Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.09$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA1700-BIV 1732.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN7464 ConvF(8.63,8.63,8.63)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.568 W/kg

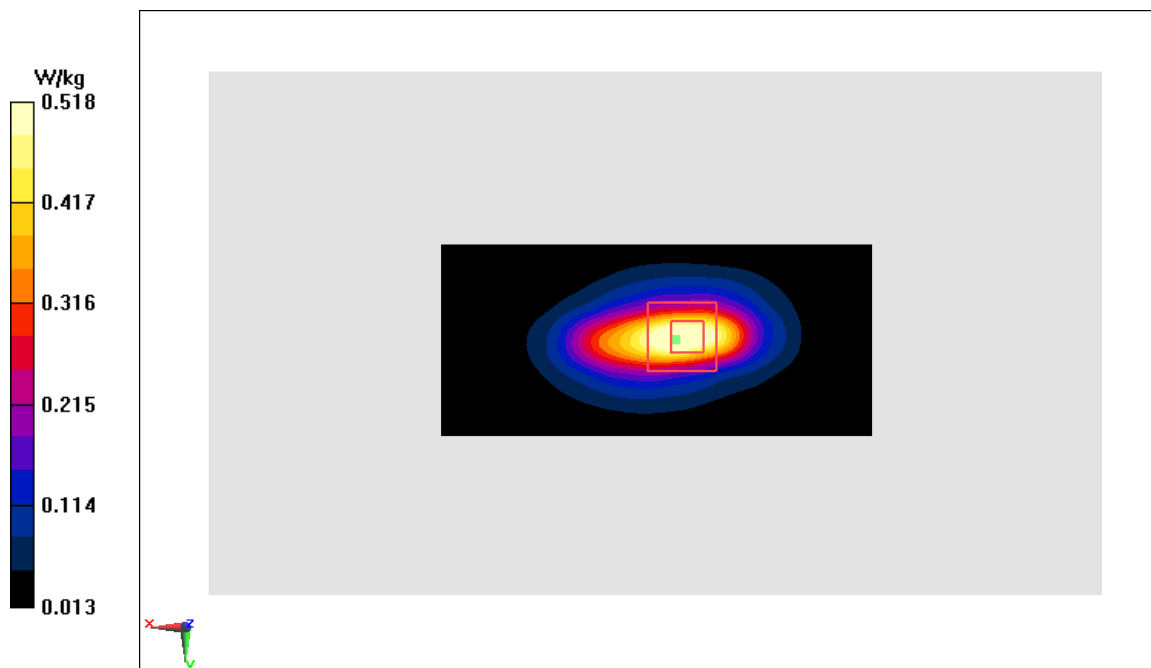
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.73 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.785 W/kg

**SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.244 W/kg**

Maximum value of SAR (measured) = 0.518 W/kg



**Fig J.11**



**WCDMA850-BV\_CH4132 Left Cheek**

Date: 3/5/2018

Electronics: DAE4 Sn1525

Medium: body 835 MHz

Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.958$  mho/m;  $\epsilon_r = 54.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA850-BV 826.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN7464 ConvF(9.89,9.89,9.89)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.251 W/kg

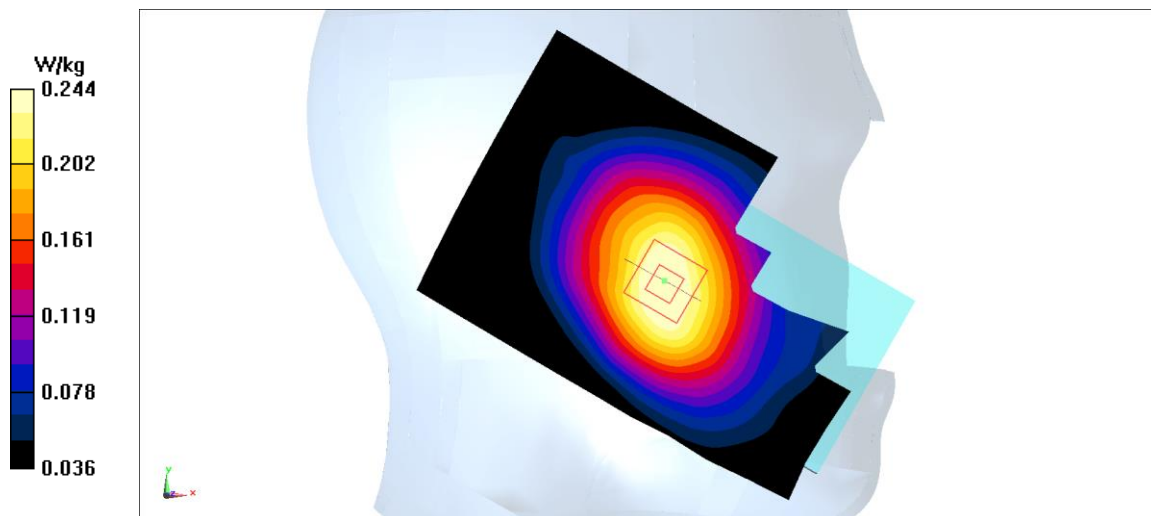
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.006 V/m; Power Drift = 0.21 dB

Peak SAR (extrapolated) = 0.283 W/kg

**SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.18 W/kg**

Maximum value of SAR (measured) = 0.244 W/kg



**Fig J.12**