

**The sum of reported SAR values for NR NSA+WIFI+BT**
**N7 ANT11+LTE ANT31/41+WIFI+BT**

reported SAR 1g (W/kg)									
Head		N7 ANT11+B2	N7 ANT11+B5	N7 ANT11+B6 6	2.4G	5G	BT	Cellular+WiFi2.4G	Cellular+WIFI5G+BT
Cheek	L	0.31	0.34	0.33	0.16	0.31	0.09	0.5	0.74
Tilt	L	0.14	0.14	0.14	0.14	0.34	0.07	0.28	0.55
Cheek	R	0.46	0.48	0.42	0.06	0.16	0.03	0.54	0.67
Tilt	R	0.24	0.20	0.24	0.08	0.19	<0.01	0.32	0.43
Body		N7 ANT11+B2	N7 ANT11+B5	N7 ANT11+B6 6	2.4G	5G	BT	Cellular+WiFi2.4G+ WIFI5G+BT	Cellular+WIFI5G+BT
Front	10mm	0.50	0.34	0.43	0.04	0.16	<0.01	0.54	0.66
Rear	10mm	0.84	0.63	0.69	0.05	0.21	0.03	0.89	1.08
Left	10mm	0.39	0.61	0.39	/	/	/	0.61	0.61
Right	10mm	0.15	0.00	0.16	0.05	0.2	<0.01	0.21	0.36
Bottom	10mm	0.54	0.13	0.46	/	/	/	0.54	0.54
Top	10mm	0.00	0.00	0.00	0.07	0.24	<0.01	0.07	0.24
Body		N7 ANT11+B2	N7 ANT11+B5	N7 ANT11+B6 6	2.4G	5G	BT	Cellular+WiFi2.4G+ WIFI5G+BT	Cellular+WIFI5G+BT
Front	15mm	0.30	0.36	0.28	0.04	0.16	<0.01	0.40	0.36
Rear	15mm	0.61	0.65	0.57	0.05	0.21	<0.01	0.70	0.86

**N7 ANT13+LTE ANT31/41+WIFI+BT**

reported SAR 1g (W/kg)									
Head		N7 ANT13+B2	N7 ANT13+B5	N7 ANT13+B6 6	2.4G	5G	BT	Cellular+WiFi2.4G+ WIFI5G+BT	Cellular+WIFI5G+BT
Cheek	L	0.37	0.40	0.39	0.16	0.31	0.09	0.56	0.80
Tilt	L	0.32	0.32	0.32	0.14	0.34	0.07	0.46	0.73
Cheek	R	0.70	0.72	0.66	0.06	0.16	0.03	0.78	0.91
Tilt	R	0.67	0.63	0.67	0.08	0.19	<0.01	0.75	0.86
Body		N7 ANT13+B2	N7 ANT13+B5	N7 ANT13+B6 6	2.4G	5G	BT	Cellular+WiFi2.4G	Cellular+WIFI5G+BT
Front	10mm	0.60	0.44	0.53	0.04	0.16	<0.01	0.64	0.76
Rear	10mm	0.98	0.77	0.83	0.05	0.21	0.03	1.03	1.22
Left	10mm	0.19	0.41	0.19	/	/	/	0.41	0.41
Right	10mm	0.15	0.00	0.16	0.05	0.2	<0.01	0.21	0.36
Bottom	10mm	0.54	0.13	0.46	/	/	/	0.54	0.54
Top	10mm	0.32	0.32	0.32	0.07	0.24	<0.01	0.39	0.56
Body		N7 ANT13+B2	N7 ANT13+B5	N7 ANT13+B6 6	2.4G	5G	BT	Cellular+WiFi2.4G	Cellular+WIFI5G+BT
Front	15mm	0.56	0.62	0.54	0.04	0.16	<0.01	0.66	0.78
Rear	15mm	0.91	0.95	0.87	0.05	0.21	<0.01	1.00	1.16

**N66 ANT11+LTE ANT31/41+WIFI+BT**

reported SAR 1g (W/kg)									
Head		N66 ANT11+B2	N66 ANT11+B5	N66 ANT11+B7	2.4G	5G	BT	Cellular+WiFi2.4G	Cellular+WIFI5G+BT
Cheek	L	0.21	0.24	0.16	0.16	0.31	0.09	0.40	0.64
Tilt	L	0.10	0.10	0.14	0.14	0.34	0.07	0.28	0.55
Cheek	R	0.25	0.27	0.44	0.06	0.16	0.03	0.50	0.63
Tilt	R	0.17	0.13	0.19	0.08	0.19	<0.01	0.27	0.38
Body		N66 ANT11+B2	N66 ANT11+B5	N66 ANT11+B7	2.4G	5G	BT	Cellular+WiFi2.4G	Cellular+WIFI5G+BT
Front	10mm	0.38	0.22	0.27	0.04	0.16	<0.01	0.42	0.54
Rear	10mm	0.59	0.38	0.32	0.05	0.21	0.03	0.64	0.83
Left	10mm	0.08	0.30	0.08	/	/	/	0.30	0.30
Right	10mm	0.15	0.00	0.10	0.05	0.2	<0.01	0.20	0.35
Bottom	10mm	0.54	0.13	0.13	/	/	/	0.54	0.54
Top	10mm	0.00	0.00	0.00	0.07	0.24	<0.01	0.07	0.24
Body		N66 ANT11+B2	N66 ANT11+B5	N66 ANT11+B7	2.4G	5G	BT	Cellular+WiFi2.4G	Cellular+WIFI5G+BT
Front	15mm	0.18	0.24	0.16	0.04	0.16	<0.01	0.28	0.4
Rear	15mm	0.33	0.37	0.21	0.05	0.21	<0.01	0.42	0.58

**N66 ANT13+LTE ANT31/41+WIFI+BT**

reported SAR 1g (W/kg)									
Head		N66 ANT13+B2	N66 ANT13+B5	N66 ANT13+B7	2.4G	5G	BT	Cellular+WiFi2.4G	Cellular+WIFI5G+BT
Cheek	L	0.39	0.42	0.34	0.16	0.31	0.09	0.58	0.82
Tilt	L	0.36	0.36	0.40	0.14	0.34	0.07	0.54	0.81
Cheek	R	0.44	0.46	0.63	0.06	0.16	0.03	0.69	0.82
Tilt	R	0.64	0.60	0.66	0.08	0.19	<0.01	0.74	0.85
Body		N66 ANT13+B2	N66 ANT13+B5	N66 ANT13+B7	2.4G	5G	BT	Cellular+WiFi2.4G	Cellular+WIFI5G+BT
Front	10mm	0.58	0.42	0.47	0.04	0.16	<0.01	0.62	0.74
Rear	10mm	0.72	0.51	0.45	0.05	0.21	0.03	0.77	0.96
Left	10mm	0.00	0.22	0.00	/	/	/	0.22	0.22
Right	10mm	0.15	0.00	0.10	0.05	0.2	<0.01	0.20	0.35
Bottom	10mm	0.54	0.13	0.13	/	/	/	0.54	0.54
Top	10mm	0.28	0.28	0.28	0.07	0.24	<0.01	0.35	0.52
Body		N66 ANT13+B2	N66 ANT13+B5	N66 ANT13+B7	2.4G	5G	BT	Cellular+WiFi2.4G	Cellular+WIFI5G+BT
Front	15mm	0.40	0.46	0.38	0.04	0.16	<0.01	0.50	0.62
Rear	15mm	0.53	0.57	0.41	0.05	0.21	<0.01	0.62	0.78

**N78 ANT11+LTE ANT31/41+WIFI+BT**

reported SAR 1g (W/kg)													
Head		N78 ANT11+B2	N78 ANT11+B4	N78 ANT11+B5	N78 ANT11+B7	N78 ANT11+B38	N78 ANT11+B41	N78 ANT11+B66	2.4G	5G	BT	Cellular+WIFI2.4G	Cellular+WIFI5G+BT
Cheek	L	0.36	0.48	0.39	0.31	0.24	0.23	0.38	0.16	0.31	0.09	0.64	0.88
Tilt	L	0.16	0.13	0.16	0.20	0.12	0.11	0.16	0.14	0.34	0.07	0.34	0.61
Cheek	R	0.65	0.73	0.67	0.84	0.66	0.64	0.61	0.06	0.16	0.03	0.90	1.03
Tilt	R	0.25	0.18	0.21	0.27	0.20	0.19	0.25	0.08	0.19	<0.01	0.35	0.46
Body		N78 ANT11+B2	N78 ANT11+B4	N78 ANT11+B5	N78 ANT11+B7	N78 ANT11+B38	N78 ANT11+B41	N78 ANT11+B66	2.4G	5G	BT	Cellular+WIFI2.4G	Cellular+WIFI5G+BT
Front	10mm	0.53	0.43	0.37	0.42	0.36	0.38	0.46	0.04	0.16	<0.01	0.57	0.69
Rear	10mm	0.71	0.62	0.50	0.44	0.46	0.50	0.56	0.05	0.21	0.03	0.76	0.95
Left	10mm	0.44	0.44	0.66	0.44	0.44	0.44	0.44	/	/	/	0.66	0.66
Right	10mm	0.15	0.08	0.00	0.10	0.09	0.05	0.16	0.05	0.2	<0.01	0.21	0.36
Bottom	10mm	0.54	0.49	0.13	0.13	0.10	0.14	0.46	/	/	/	0.54	0.54
Top	10mm	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.07	0.24	<0.01	0.09	0.26
Body		N78 ANT11+B2	N78 ANT11+B4	N78 ANT11+B5	N78 ANT11+B7	N78 ANT11+B38	N78 ANT11+B41	N78 ANT11+B66	2.4G	5G	BT	Cellular+WIFI2.4G	Cellular+WIFI5G+BT
Front	15mm	0.35	0.37	0.19	0.33	0.19	0.19	0.33	0.04	0.16	<0.01	0.41	0.53
Rear	15mm	0.54	0.54	0.26	0.42	0.26	0.26	0.50	0.05	0.21	<0.01	0.59	0.75

**N78 ANT11+LTE ANT13+WIFI+BT**

reported SAR 1g (W/kg)													
Head		N78 ANT11+B2	N78 ANT11+B4	N78 ANT11+B7	N78 ANT11+B38	N78 ANT11+B41	N78 ANT11+B66	2.4G	5G	BT	Cellular+WIFI2.4G	Cellular+WIFI5G+BT	
Cheek	L	0.59	0.51	0.32	0.23	0.21	0.36	0.16	0.31	0.09	0.75	0.99	
Tilt	L	0.64	0.56	0.27	0.15	0.11	0.27	0.14	0.34	0.07	0.78	1.05	
Cheek	R	1.10	0.97	1.02	0.77	0.70	0.83	0.06	0.16	0.03	1.16	1.29	
Tilt	R	0.84	0.70	0.64	0.38	0.28	0.53	0.08	0.19	0	0.92	1.03	
Body		N78 ANT11+B2	N78 ANT11+B4	N78 ANT11+B7	N78 ANT11+B38	N78 ANT11+B41	N78 ANT11+B66	2.4G	5G	BT	Cellular+WIFI2.4G	Cellular+WIFI5G+BT	
Front	10mm	0.41	0.34	0.37	0.35	0.36	0.37	0.04	0.16	0	0.45	0.57	
Rear	10mm	0.48	0.38	0.61	0.56	0.48	0.41	0.05	0.21	0.03	0.66	0.85	
Left	10mm	0.51	0.48	0.67	0.67	0.70	0.49				0.70	0.70	
Right	10mm	0.00	0.00	0.05	0.00	0.00	0.00	0.05	0.2	0	0.10	0.25	
Bottom	10mm	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	
Top	10mm	0.53	0.36	0.60	0.49	0.44	0.43	0.07	0.24	0	0.67	0.84	
Body		N78 ANT11+B2	N78 ANT11+B4	N78 ANT11+B7	N78 ANT11+B38	N78 ANT11+B41	N78 ANT11+B66	2.4G	5G	BT	Cellular+WIFI2.4G	Cellular+WIFI5G+BT	
Front	15mm	0.63	0.46	0.59	0.34	0.34	0.61	0.04	0.16	0	0.67	0.79	
Rear	15mm	0.75	0.56	0.90	0.49	0.45	0.69	0.05	0.21	0	0.95	1.11	

**N78 ANT12+LTE ANT31/41+WIFI+BT**

reported SAR 1g (W/kg)													
Head		N78 ANT12+B 2	N78 ANT12+B 4	N78 ANT12+B 5	N78 ANT12+B 7	N78 ANT12+B3 8	N78 ANT12+B41	N78 ANT12+B6 6	2.4G	5G	BT	Cellular+WIFI2.4G	Cellular+WIFI5G+BT
Cheek	L	0.37	0.49	0.40	0.32	0.25	0.24	0.39	0.16	0.31	0.09	0.65	0.89
Tilt	L	0.30	0.27	0.30	0.34	0.26	0.25	0.30	0.14	0.34	0.07	0.48	0.75
Cheek	R	0.48	0.56	0.50	0.67	0.49	0.47	0.44	0.06	0.16	0.03	0.73	0.86
Tilt	R	0.42	0.35	0.38	0.44	0.37	0.36	0.42	0.08	0.19	<0.01	0.52	0.63
Body		N78 ANT12+B 2	N78 ANT12+B 4	N78 ANT12+B 5	N78 ANT12+B 7	N78 ANT12+B3 8	N78 ANT12+B41	N78 ANT12+B6 6	2.4G	5G	BT	Cellular+WIFI2.4G	Cellular+WIFI5G+BT
Front	10mm	0.47	0.37	0.31	0.36	0.30	0.32	0.40	0.04	0.16	<0.01	0.51	0.63
Rear	10mm	0.69	0.60	0.48	0.42	0.44	0.48	0.54	0.05	0.21	0.03	0.74	0.93
Left	10mm	0.07	0.07	0.29	0.07	0.07	0.07	0.07	/	/	/	0.29	0.29
Right	10mm	0.15	0.08	0.00	0.10	0.09	0.05	0.16	0.05	0.2	<0.01	0.21	0.36
Bottom	10mm	0.54	0.49	0.13	0.13	0.10	0.14	0.46	/	/	/	0.54	0.54
Top	10mm	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.24	<0.01	0.14	0.31
Body		N78 ANT12+B 2	N78 ANT12+B 4	N78 ANT12+B 5	N78 ANT12+B 7	N78 ANT12+B3 8	N78 ANT12+B41	N78 ANT12+B6 6	2.4G	5G	BT	Cellular+WIFI2.4G	Cellular+WIFI5G+BT
Front	15mm	0.22	0.24	0.06	0.20	0.06	0.06	0.20	0.04	0.16	<0.01	0.28	0.40
Rear	15mm	0.36	0.36	0.08	0.24	0.08	0.08	0.32	0.05	0.21	<0.01	0.41	0.57

**N78 ANT12+LTE ANT13+WIFI+BT**

reported SAR 1g (W/kg)													
Head		N78 ANT12+B 2	N78 ANT12+B 4	N78 ANT12+B 7	N78 ANT12+B3 8	N78 ANT12+B41	N78 ANT12+B6 6	2.4G	5G	BT	Cellular+WIFI2.4G	Cellular+WIFI5G+BT	
Cheek	L	0.60	0.52	0.33	0.24	0.22	0.37	0.16	0.31	0.09	0.76	1.00	
Tilt	L	0.78	0.70	0.41	0.29	0.25	0.41	0.14	0.34	0.07	0.92	1.19	
Cheek	R	0.93	0.80	0.85	0.60	0.53	0.66	0.06	0.16	0.03	0.99	1.12	
Tilt	R	1.01	0.87	0.81	0.55	0.45	0.70	0.08	0.19	0	1.09	1.20	
Body		N78 ANT12+B 2	N78 ANT12+B 4	N78 ANT12+B 7	N78 ANT12+B3 8	N78 ANT12+B41	N78 ANT12+B6 6	2.4G	5G	BT	Cellular+WIFI2.4G	Cellular+WIFI5G+BT	
Front	10mm	0.35	0.28	0.31	0.29	0.30	0.31	0.04	0.16	0	0.39	0.51	
Rear	10mm	0.46	0.36	0.59	0.54	0.46	0.39	0.05	0.21	0.03	0.64	0.83	
Left	10mm	0.14	0.11	0.30	0.30	0.33	0.12				0.33	0.33	
Right	10mm	0.00	0.00	0.05	0.00	0.00	0.00	0.05	0.2	0	0.10	0.25	
Bottom	10mm	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	
Top	10mm	0.58	0.41	0.65	0.54	0.49	0.48	0.07	0.24	0	0.72	0.89	
Body		N78 ANT12+B 2	N78 ANT12+B 4	N78 ANT12+B 7	N78 ANT12+B3 8	N78 ANT12+B41	N78 ANT12+B6 6	2.4G	5G	BT	Cellular+WIFI2.4G	Cellular+WIFI5G+BT	
Front	15mm	0.50	0.33	0.46	0.21	0.21	0.48	0.04	0.16	0	0.54	0.66	
Rear	15mm	0.57	0.38	0.72	0.31	0.27	0.51	0.05	0.21	0	0.77	0.93	

**15.4 Conclusion**

According to the above tables, the highest simultaneous transmission reported SAR values is **1.29W/kg (1g)**. The sum of reported SAR values is <1.6W/kg. So the simultaneous transmission SAR with volume scans is not required.

## 16 Measurement Uncertainty

Per KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz, when the highest measured 1-g SAR within a frequency band is  $< 1.5$  W/kg and the measured 10-g SAR within a frequency band is  $< 3.75$  W/kg. The expanded SAR measurement uncertainty must be  $\leq 30\%$ , for a confidence interval of  $k = 2$ . If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval.

Therefore, the measurement uncertainty is not required.

## 17 MAIN TEST INSTRUMENTS

No.	Name	Type	Serial Number	Calibration Date	Valid Period
01	Network analyzer	E5071C	MY46110673	January 14, 2021	One year
02	Power meter	NRP2	106276	May 11, 2021	One year
03	Power sensor	NRP6A	101369		
04	Signal Generator	E4438C	MY49070393	May 14, 2021	One Year
05	Amplifier	60S1G4	0331848	No Calibration Requested	
06	BTS	CMW500	159890	January 25 2021	One year
07	BTS	CMW500	166370	June 25, 2021	One year
08	E-field Probe	SPEAG EX3DV4	7464	December 18,2020	One year
09	DAE	SPEAG DAE4	549	January 08 2021	One year
10	Dipole Validation Kit	SPEAG D750V3	1017	July 12,,2021	One year
11	Dipole Validation Kit	SPEAG D835V2	4d069	July 12,,2021	One year
12	Dipole Validation Kit	SPEAG D1750V2	1003	July 12, 2021	One year
13	Dipole Validation Kit	SPEAG D1900V2	5d101	July 15,2021	One year
14	Dipole Validation Kit	SPEAG D2450V2	853	July 26,2021	One year
15	Dipole Validation Kit	SPEAG D2600V2	1012	July 26,2021	One year
16	Dipole Validation Kit	SPEAG D3500V2	1016	June 21,2021	One year
17	Dipole Validation Kit	SPEAG D3700V2	1004	June 21,2021	One year
18	Dipole Validation Kit	SPEAG D5GHzV2	1060	June 22,2021	One year

\*\*\*END OF REPORT BODY\*\*\*

## **Appendixes**

Refer to separated files for the following appendixes

**ANNEX A Graph Results**

**ANNEX B System Verification Results**

**ANNEX C SAR Measurement Setup**

**ANNEX D Position of the wireless device in relation to the phantom**

**ANNEX E Equivalent Media Recipes**

**ANNEX F System Validation**

**ANNEX G Probe Calibration Certificate**

**ANNEX H Dipole Calibration Certificate**

**ANNEX I Sensor Triggering Data Summary**

**ANNEX J Accreditation Certificate**

## ANNEX A Graph Results

### GSM850 Head ANT13

Date/Time: 11/23/2021

Electronics: DAE4 Sn549

Medium: H700-6000

Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 43.959$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM 850 (0) Frequency: 824.2 MHz Duty Cycle: 1:8.30042

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.267 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.791 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.347 W/kg

**SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.103 W/kg**

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

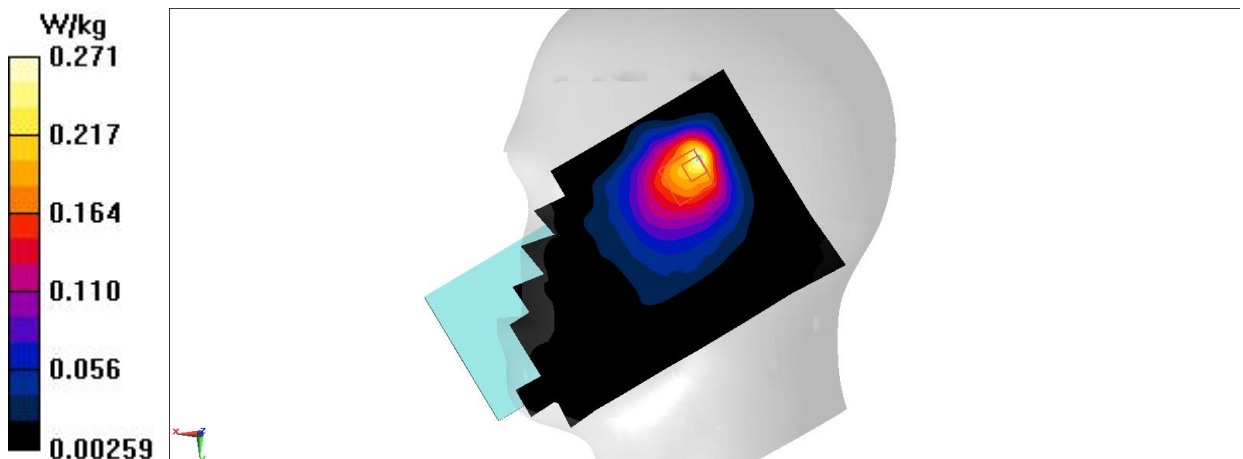


Fig A.1



### GSM1900 Head ANT13

Date/Time: 11/23/2021

Electronics: DAE4 Sn549

Medium: H700-6000

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  S/m;  $\epsilon_r = 41.582$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM 1900 (0) Frequency: 1880 MHz Duty Cycle: 1:8.30042

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.741 W/kg

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

Reference Value = 11.06 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.869 W/kg

**SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.192 W/kg**

Maximum value of SAR (measured) = 0.662 W/kg

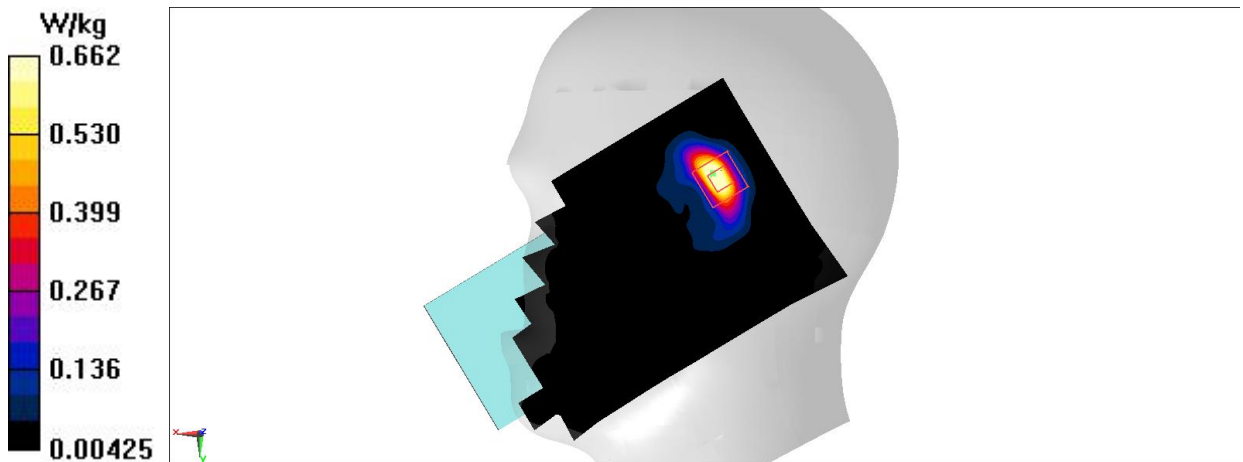


Fig A.2

**WCDMA1900 Head ANT13**

Date/Time: 11/22/2021

Electronics: DAE4 Sn549

Medium: H700-6000

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  S/m;  $\epsilon_r = 41.582$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA 1900 (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

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

Reference Value = 13.21 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.285 W/kg**

Maximum value of SAR (measured) = 0.925 W/kg

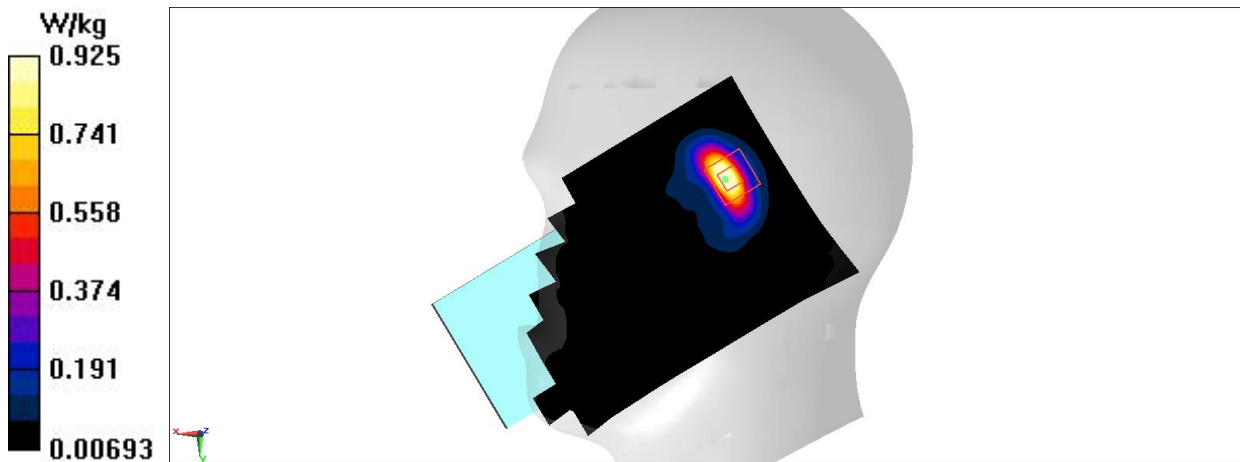


Fig A.3

### WCDMA1700 Head ANT13

Date/Time: 11/22/2021

Electronics: DAE4 Sn549

Medium: H700-6000

Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.388$  S/m;  $\epsilon_r = 41.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA 1700 Band4 (0) Frequency: 1752.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.961 W/kg

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

Reference Value = 12.74 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.262 W/kg**

Maximum value of SAR (measured) = 0.845 W/kg

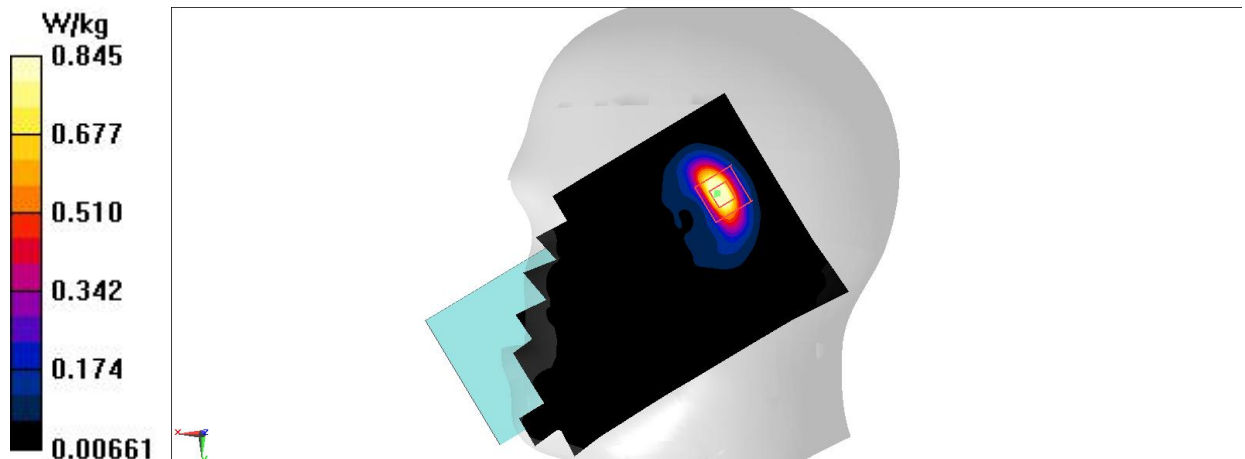


Fig A.4

**WCDMA850 Head ANT13**

Date/Time: 11/22/2021

Electronics: DAE4 Sn549

Medium: H700-6000

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 43.898$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA 850 (0) Frequency: 836.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.396 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.89 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.377 W/kg

**SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.110 W/kg**

Maximum value of SAR (measured) = 0.261 W/kg

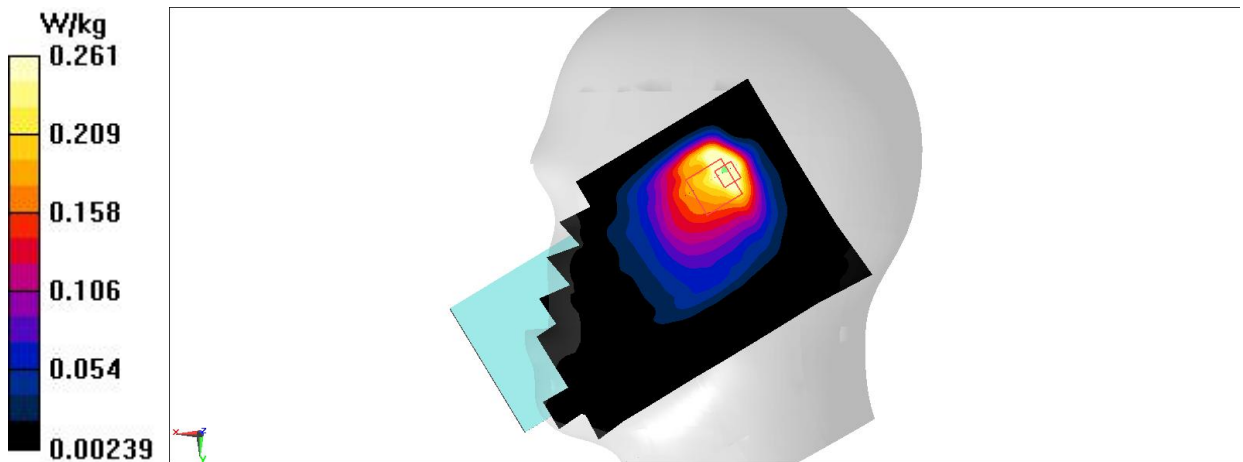


Fig A.5

### LTE Band2 Head ANT13

Date/Time: 11/22/2021

Electronics: DAE4 Sn549

Medium: H700-6000

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.457$  S/m;  $\epsilon_r = 41.667$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band2(20MB) (0) Frequency: 1860 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.922 W/kg

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

Reference Value = 12.05 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.255 W/kg**

Maximum value of SAR (measured) = 0.894 W/kg

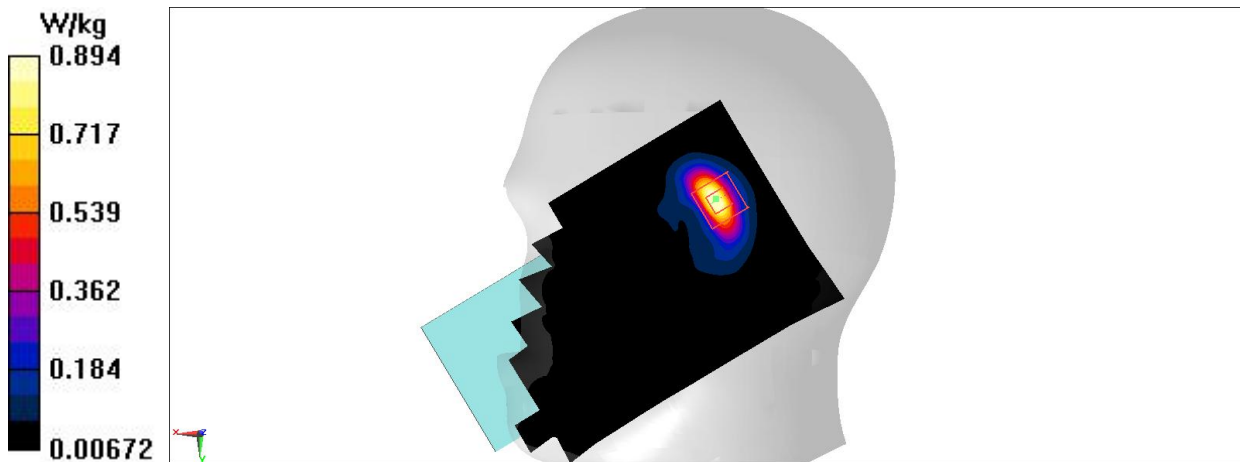


Fig A.6

### LTE Band4 Head ANT13

Date/Time: 11/22/2021

Electronics: DAE4 Sn549

Medium: H700-6000

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 42.001$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band4 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.777 W/kg

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

Reference Value = 11.77 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.971 W/kg

**SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.216 W/kg**

Maximum value of SAR (measured) = 0.763 W/kg

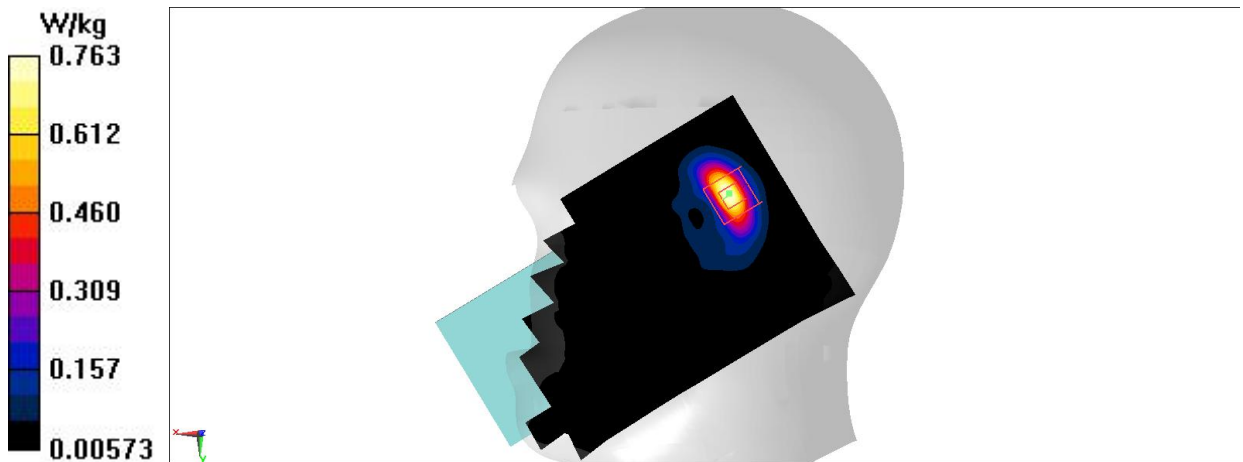


Fig A.7

### LTE Band5 Head ANT13

Date/Time: 11/22/2021

Electronics: DAE4 Sn549

Medium: H700-6000

Medium parameters used (interpolated):  $f = 829 \text{ MHz}$ ;  $\sigma = 0.902 \text{ S/m}$ ;  $\epsilon_r = 43.936$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, LTE Band5 (0) Frequency: 829 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.442 \text{ W/kg}$

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.49 \text{ V/m}$ ; Power Drift =  $0.08 \text{ dB}$

Peak SAR (extrapolated) =  $0.423 \text{ W/kg}$

**SAR(1 g) =  $0.199 \text{ W/kg}$ ; SAR(10 g) =  $0.124 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.297 \text{ W/kg}$

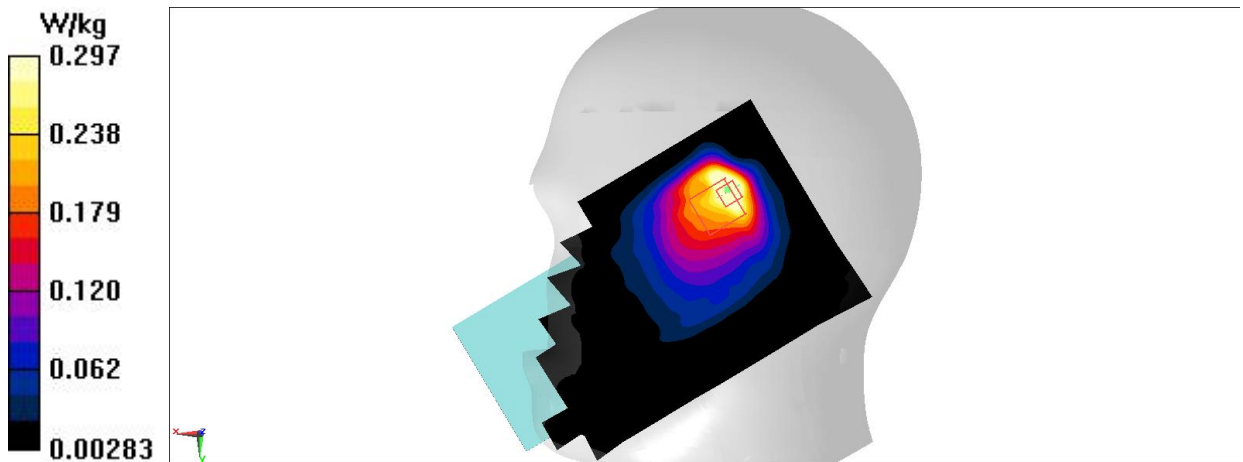


Fig A.8

### LTE Band7 Head ANT13

Date/Time: 11/22/2021

Electronics: DAE4 Sn549

Medium: H700-6000

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.99$  S/m;  $\epsilon_r = 40.659$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band7-20M (0) Frequency: 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.715 W/kg

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

Reference Value = 1.980 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.902 W/kg

**SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.184 W/kg**

Maximum value of SAR (measured) = 0.716 W/kg

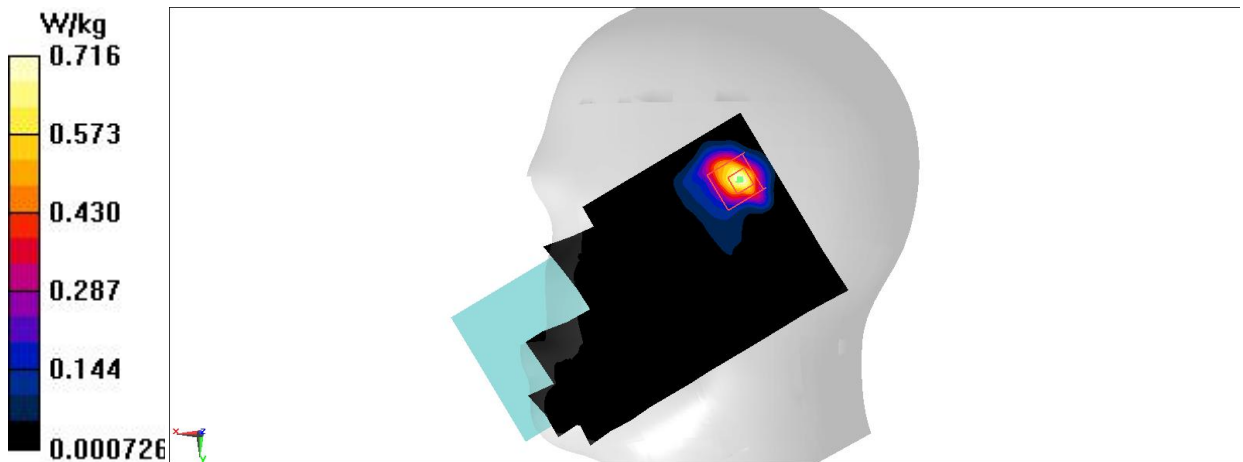


Fig A.9



### LTE Band12 Head ANT13

Date/Time: 11/22/2021

Electronics: DAE4 Sn549

Medium: H700-6000

Medium parameters used (interpolated):  $f = 704 \text{ MHz}$ ;  $\sigma = 0.852 \text{ S/m}$ ;  $\epsilon_r = 44.391$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, LTE Band12 (0) Frequency:  $704 \text{ MHz}$  Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.370 \text{ W/kg}$

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.45 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.398 \text{ W/kg}$

**SAR(1 g) =  $0.179 \text{ W/kg}$ ; SAR(10 g) =  $0.108 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.265 \text{ W/kg}$

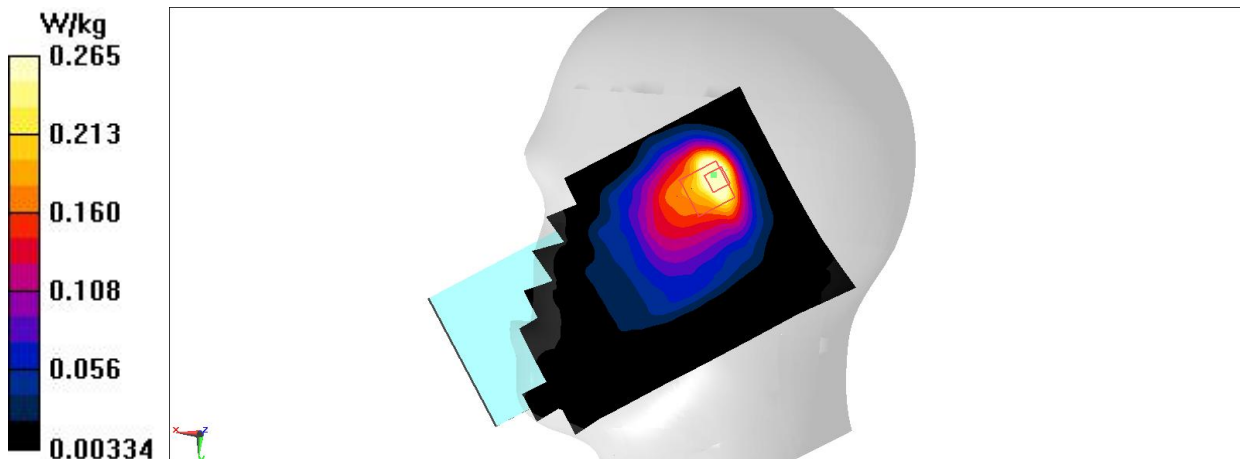


Fig A.10

### LTE Band13 Head ANT13

Date/Time: 11/23/2021

Electronics: DAE4 Sn549

Medium: H700-6000

Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.884 \text{ S/m}$ ;  $\epsilon_r = 44.153$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band13 (0) Frequency: 782 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.328 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 10.54 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.354 W/kg

**SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.105 W/kg**

Maximum value of SAR (measured) = 0.254 W/kg

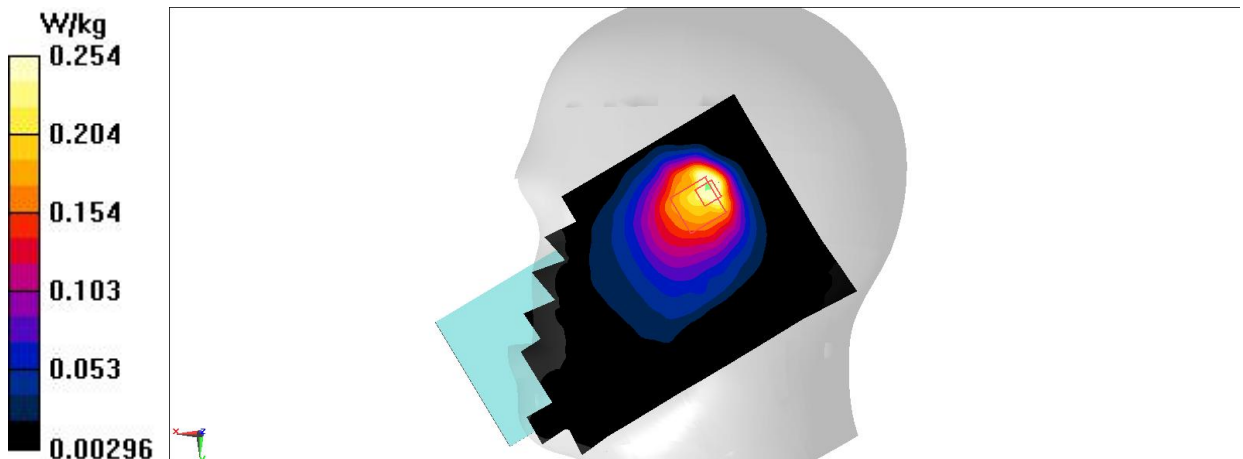


Fig A.11

### LTE Band38 Head ANT13

Date/Time: 12/13/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 2580$  MHz;  $\sigma = 1.986$  S/m;  $\epsilon_r = 40.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band38 20M (0) Frequency: 2580 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (91x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.673 W/kg

**Zoom Scan (8x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.532 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.504 W/kg

**SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.117 W/kg**

Maximum value of SAR (measured) = 0.386 W/kg

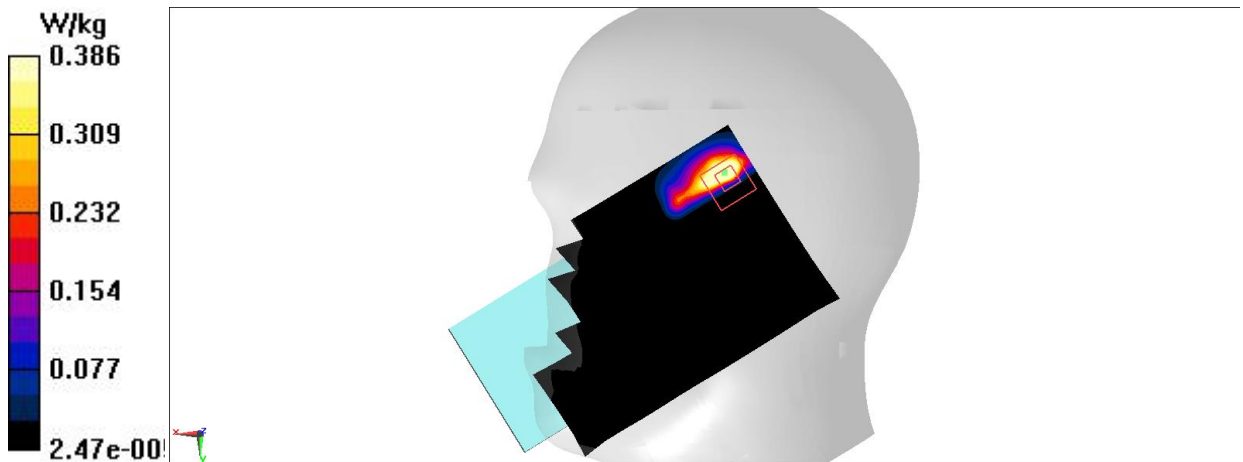


Fig A.12

### LTE Band41 Head ANT13

Date/Time: 11/25/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 2636.5$  MHz;  $\sigma = 2.071$  S/m;  $\epsilon_r = 40.143$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band41 (0) Frequency: 2636.5 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.319 W/kg

**Zoom Scan (8x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.938 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.337 W/kg

**SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.080 W/kg**

Maximum value of SAR (measured) = 0.261 W/kg

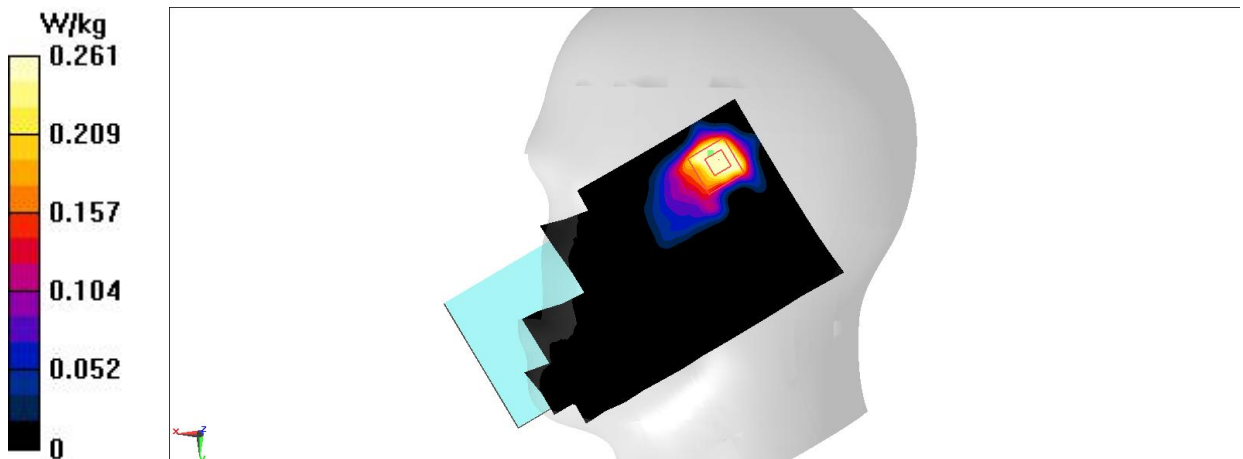


Fig A.13

### LTE Band66 Head ANT13

Date/Time: 11/23/2021

Electronics: DAE4 Sn549

Medium: H700-6000

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 42.001$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band66 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.567 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.422 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.662 W/kg

**SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.151 W/kg**

Maximum value of SAR (measured) = 0.465 W/kg

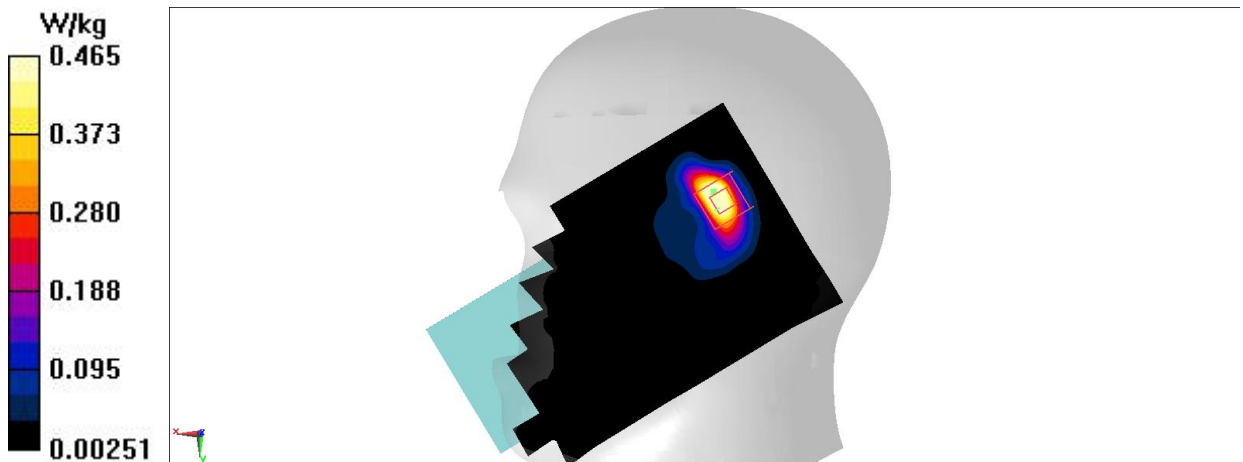


Fig A.14

### GSM850 Body ANT13

Date/Time: 11/24/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.841 \text{ S/m}$ ;  $\epsilon_r = 44.053$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, GSM 850 GPRS-2 (0) Frequency:  $824.2 \text{ MHz}$  Duty Cycle: 1:4.00037

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.383 \text{ W/kg}$

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $14.80 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.406 \text{ W/kg}$

**SAR(1 g) =  $0.245 \text{ W/kg}$ ; SAR(10 g) =  $0.162 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.342 \text{ W/kg}$

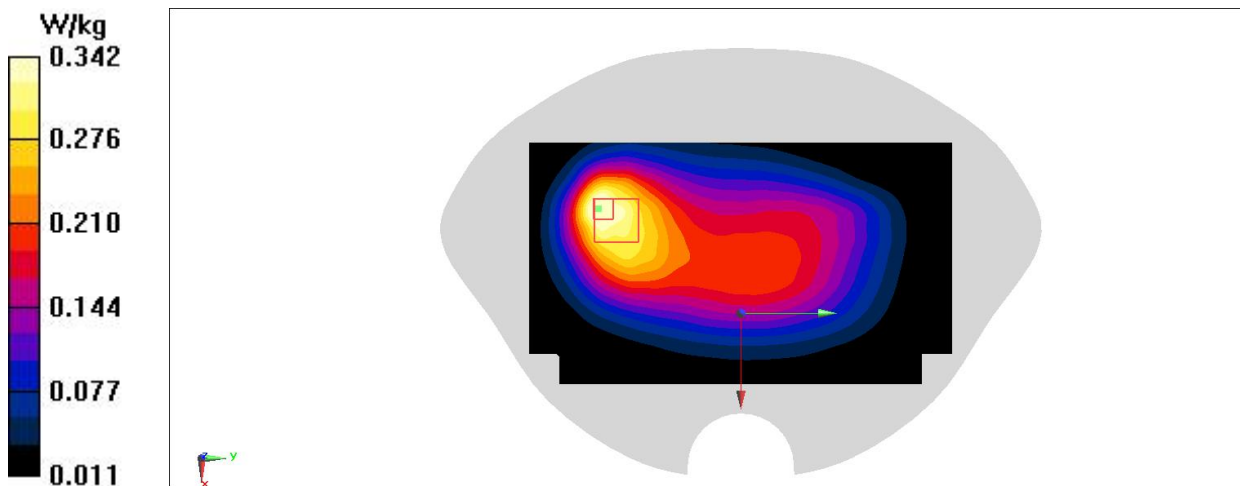


Fig A.15

### GSM1900 Body ANT13

Date/Time: 12/9/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.439$  S/m;  $\epsilon_r = 41.611$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM 1900 GPRS-2 (0) Frequency: 1909.8 MHz Duty Cycle: 1:4.00037

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.822 W/kg

**Zoom Scan (7x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.29 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.277 W/kg**

Maximum value of SAR (measured) = 0.818 W/kg

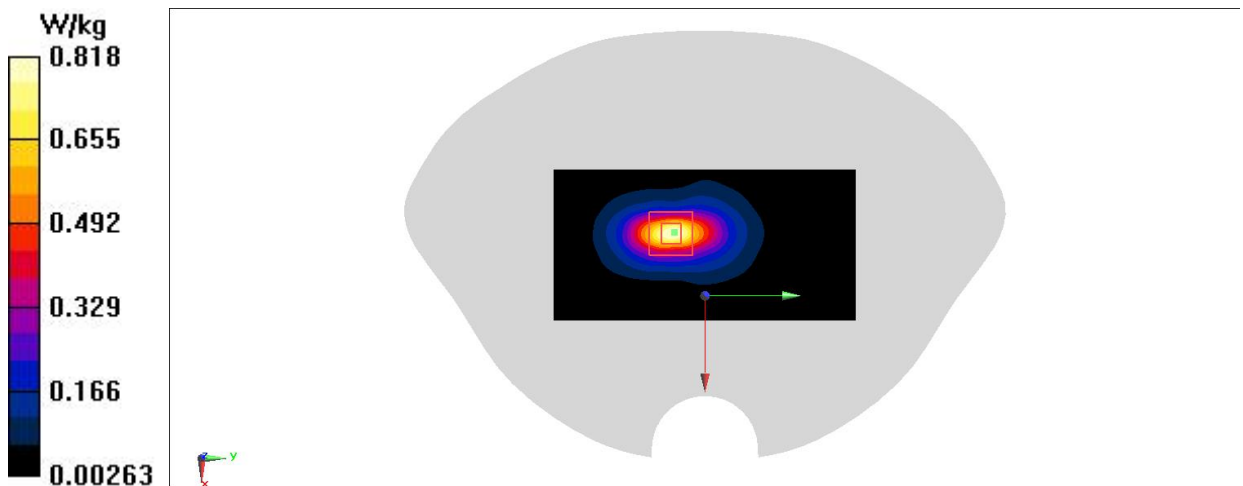


Fig A.16

### GSM1900 Body ANT13

Date/Time: 11/24/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.461$  S/m;  $\epsilon_r = 41.523$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM 1900 GPRS-2 (0) Frequency: 1909.8 MHz Duty Cycle: 1:4.00037

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.505 W/kg

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

Reference Value = 4.537 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.616 W/kg

**SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.201 W/kg**

Maximum value of SAR (measured) = 0.509 W/kg

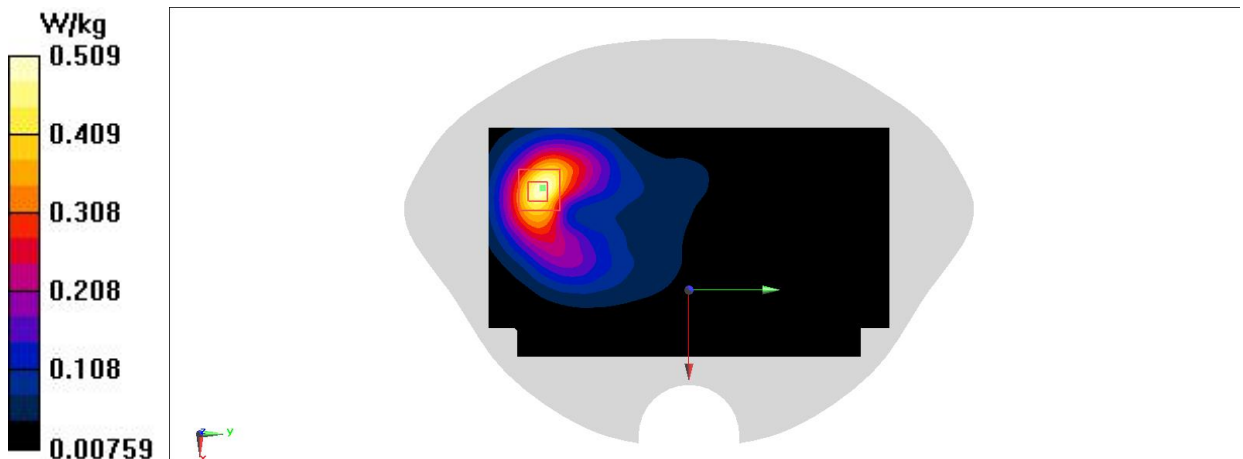


Fig A.17



### WCDMA1900 Body ANT13

Date/Time: 11/24/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.438 \text{ S/m}$ ;  $\epsilon_r = 41.56$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, WCDMA 1900 (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (51x101x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.597 \text{ W/kg}$

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

Reference Value =  $16.57 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.732 \text{ W/kg}$

**SAR(1 g) =  $0.401 \text{ W/kg}$ ; SAR(10 g) =  $0.204 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.619 \text{ W/kg}$

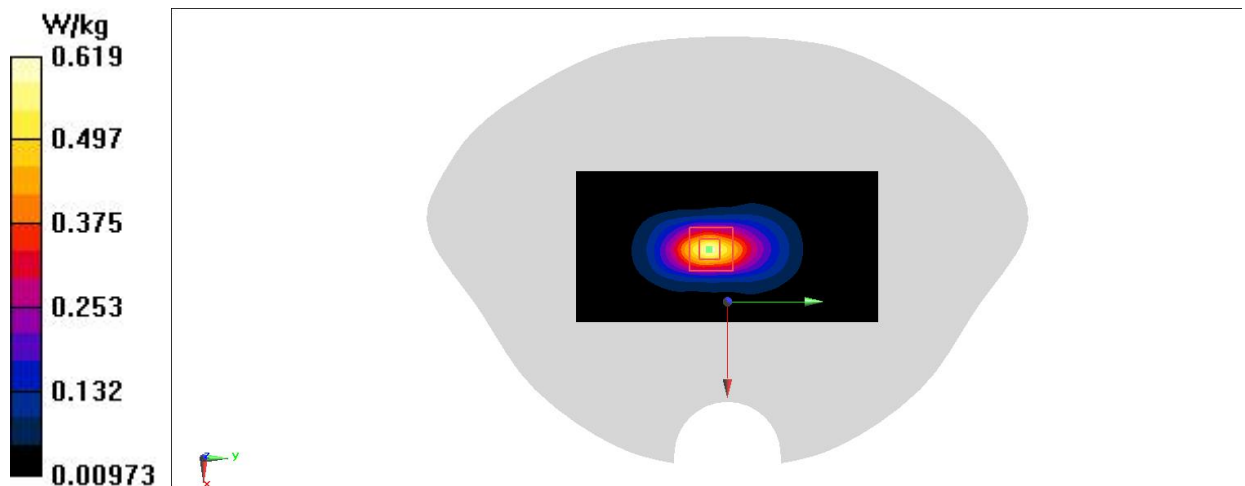


Fig A.18

### WCDMA1900 Body ANT13

Date/Time: 11/24/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.438$  S/m;  $\epsilon_r = 41.56$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA 1900 (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.744 W/kg

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

Reference Value = 5.655 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.904 W/kg

**SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.298 W/kg**

Maximum value of SAR (measured) = 0.771 W/kg

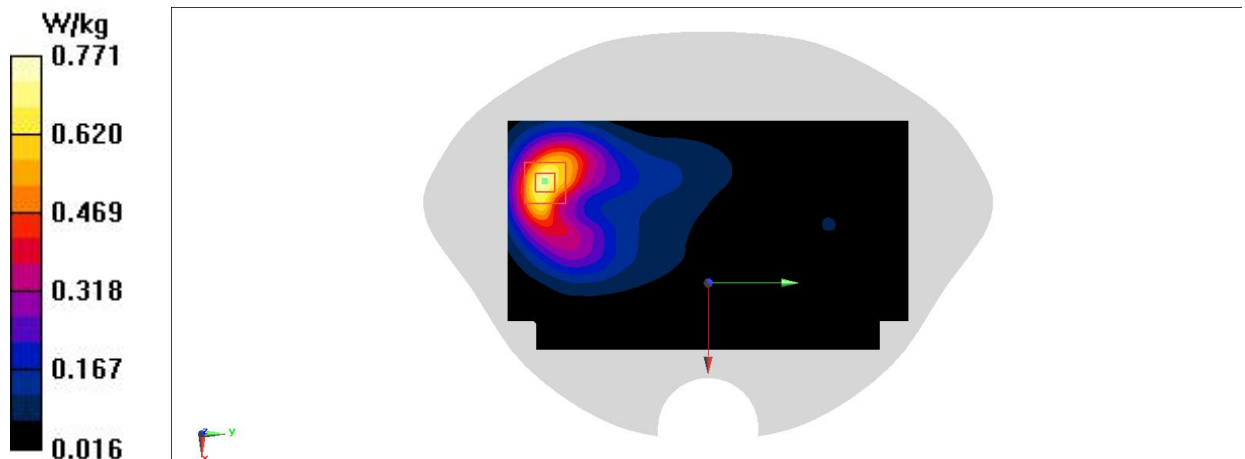


Fig A.19

### WCDMA1700 Body ANT13

Date/Time: 11/24/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.438 \text{ S/m}$ ;  $\epsilon_r = 41.56$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, WCDMA 1900 (0) Frequency:  $1880 \text{ MHz}$  Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (51x101x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.579 \text{ W/kg}$

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

Reference Value =  $15.96 \text{ V/m}$ ; Power Drift =  $-0.00 \text{ dB}$

Peak SAR (extrapolated) =  $0.707 \text{ W/kg}$

**SAR(1 g) =  $0.393 \text{ W/kg}$ ; SAR(10 g) =  $0.202 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.597 \text{ W/kg}$

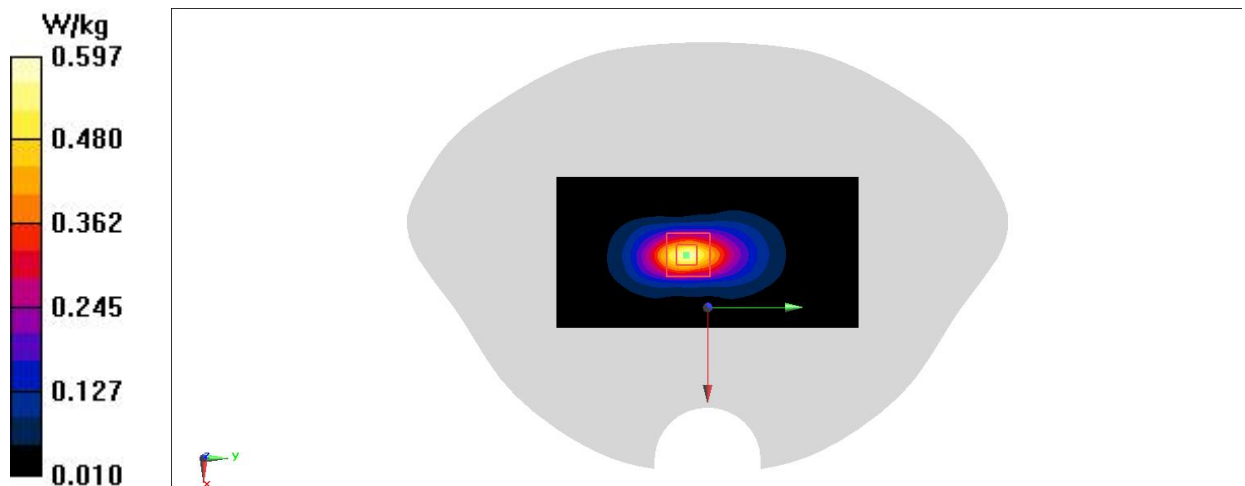


Fig A.20

### WCDMA1700 Body ANT13

Date/Time: 11/24/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.358$  S/m;  $\epsilon_r = 41.748$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA 1700 Band4 (0) Frequency: 1752.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.699 W/kg

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

Reference Value = 6.164 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.826 W/kg

**SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.285 W/kg**

Maximum value of SAR (measured) = 0.710 W/kg

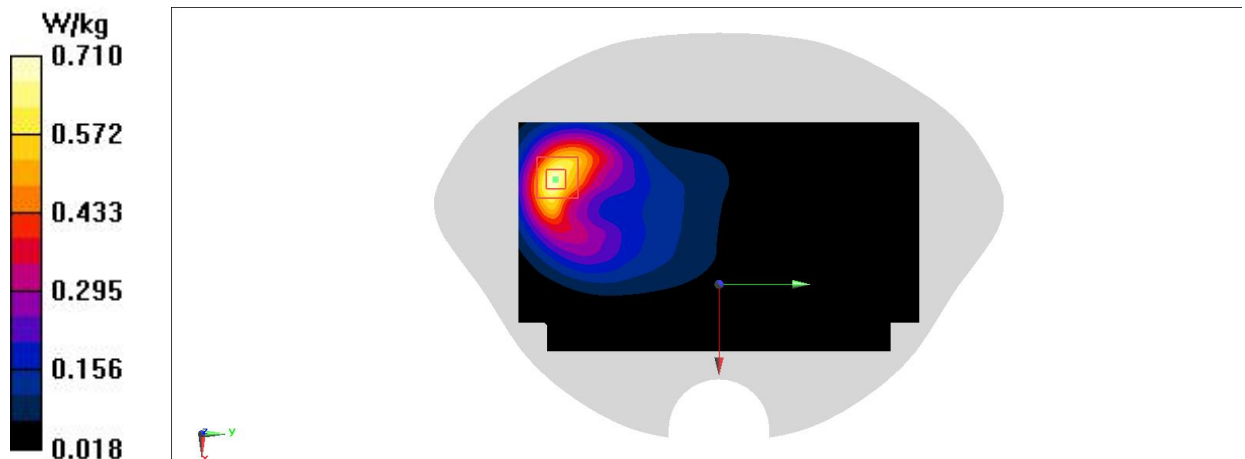


Fig A.21

### WCDMA850 Body ANT13

Date/Time: 11/28/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 0.839$  S/m;  $\epsilon_r = 44.074$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA 850 (0) Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.277 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.38 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.312 W/kg

**SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.116 W/kg**

Maximum value of SAR (measured) = 0.261 W/kg

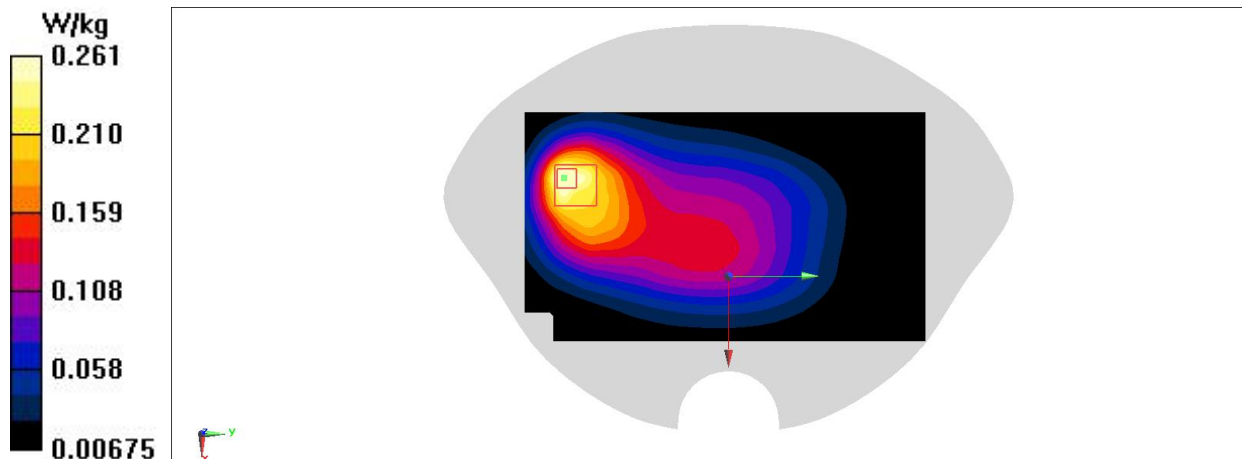


Fig A.22

### LTE Band2 Body ANT13

Date/Time: 11/24/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.425$  S/m;  $\epsilon_r = 41.582$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band2(20MB) (0) Frequency: 1860 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.595 W/kg

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

Reference Value = 16.47 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.741 W/kg

**SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.207 W/kg**

Maximum value of SAR (measured) = 0.623 W/kg

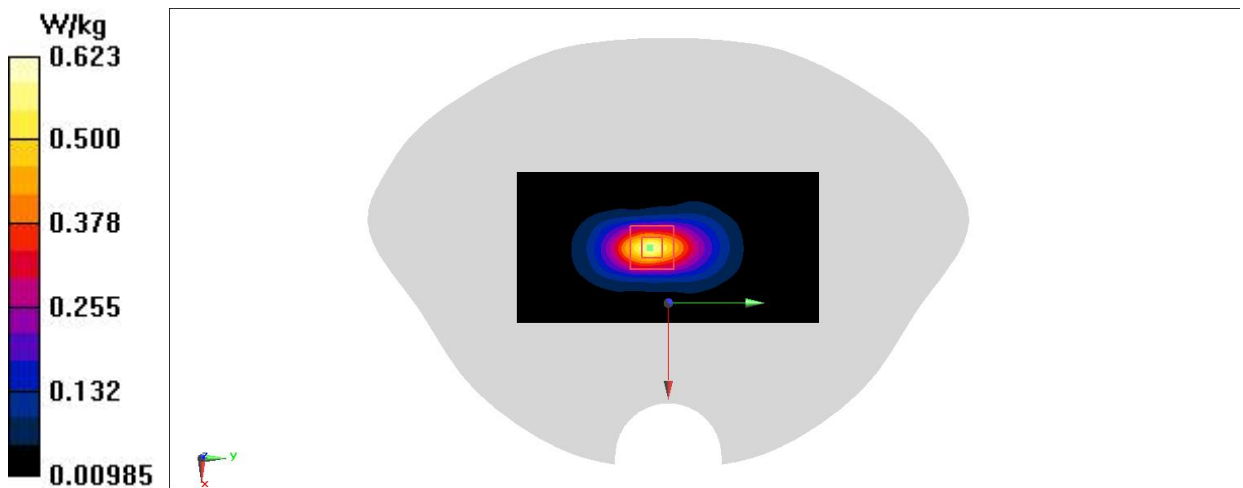


Fig A.23

### LTE Band2 Body ANT13

Date/Time: 11/23/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.438$  S/m;  $\epsilon_r = 41.56$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band2(20MB) (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.570 W/kg

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

Reference Value = 5.184 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.655 W/kg

**SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.227 W/kg**

Maximum value of SAR (measured) = 0.563 W/kg

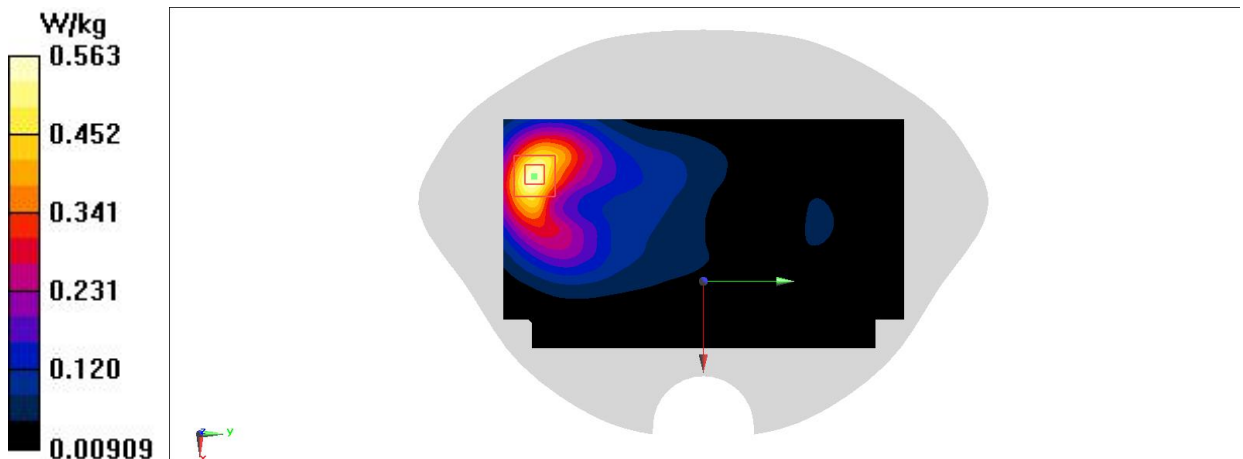


Fig A.24

### LTE Band4 Body ANT13

Date/Time: 11/24/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.337$  S/m;  $\epsilon_r = 41.818$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band4 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.403 W/kg

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

Reference Value = 13.53 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.495 W/kg

**SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.144 W/kg**

Maximum value of SAR (measured) = 0.420 W/kg

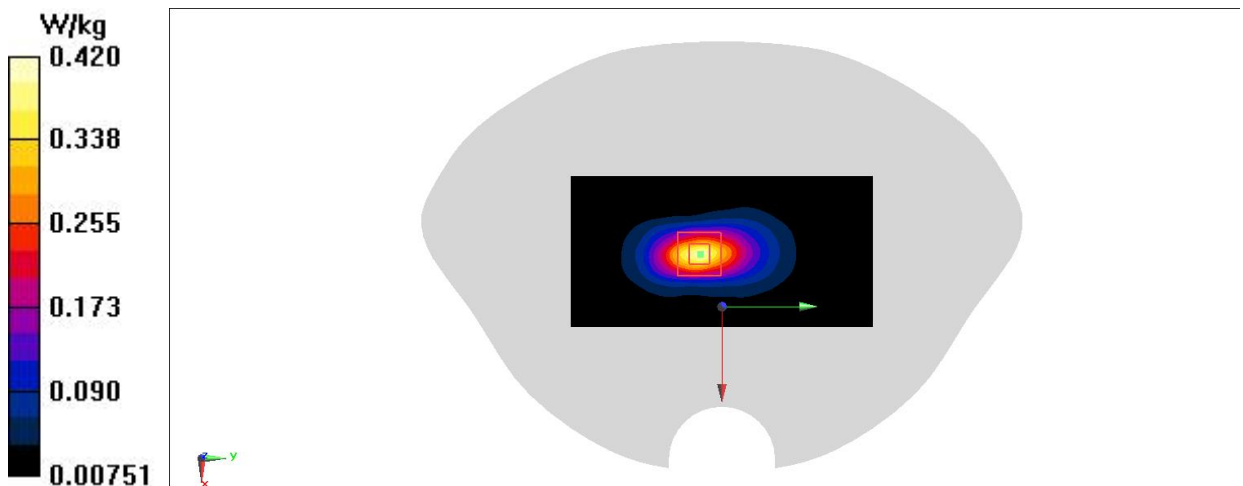


Fig A.25



### LTE Band4 Body ANT13

Date/Time: 11/23/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.337$  S/m;  $\epsilon_r = 41.818$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band4 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.358 W/kg

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

Reference Value = 4.908 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.412 W/kg

**SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.149 W/kg**

Maximum value of SAR (measured) = 0.353 W/kg

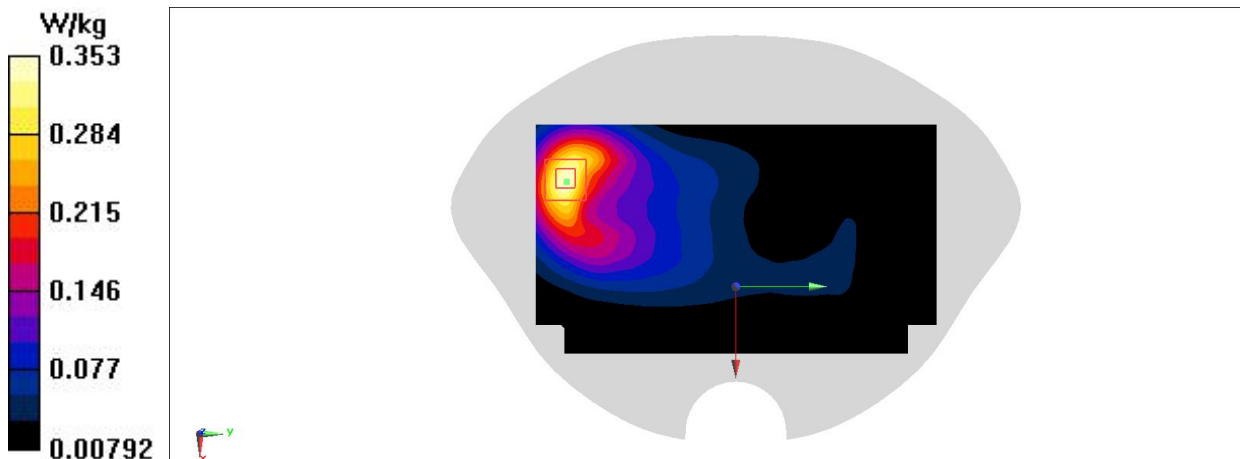


Fig A.26

### LTE Band5 Body ANT13

Date/Time: 11/25/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 829$  MHz;  $\sigma = 0.843$  S/m;  $\epsilon_r = 44.041$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band5 (0) Frequency: 829 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.289 W/kg

**Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.60 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.339 W/kg

**SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.122 W/kg**

Maximum value of SAR (measured) = 0.262 W/kg

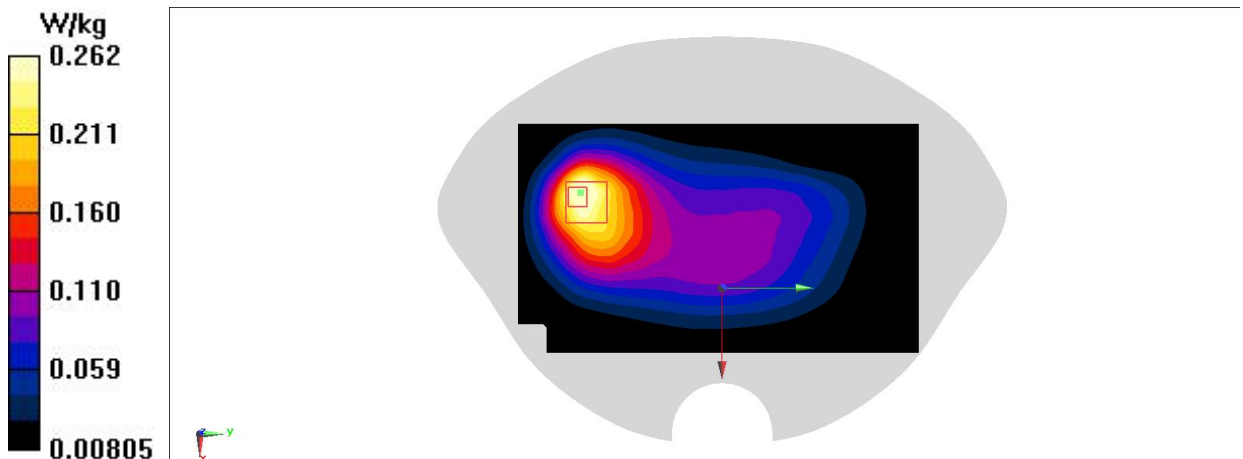


Fig A.27

### LTE Band7 Body ANT13

Date/Time: 11/24/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.999$  S/m;  $\epsilon_r = 40.319$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band7-20M (0) Frequency: 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (61x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.793 W/kg

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

Reference Value = 9.865 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.949 W/kg

**SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.206 W/kg**

Maximum value of SAR (measured) = 0.770 W/kg

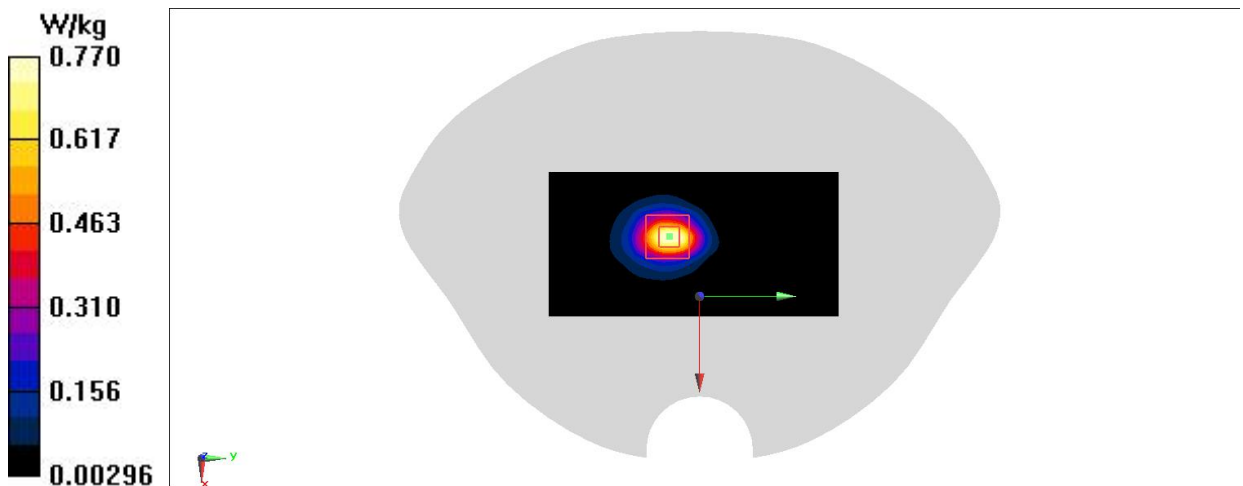


Fig A.28

### LTE Band7 Body ANT13

Date/Time: 11/24/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.999$  S/m;  $\epsilon_r = 40.319$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band7-20M (0) Frequency: 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (101x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.818 W/kg

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

Reference Value = 4.403 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.982 W/kg

**SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.249 W/kg**

Maximum value of SAR (measured) = 0.810 W/kg

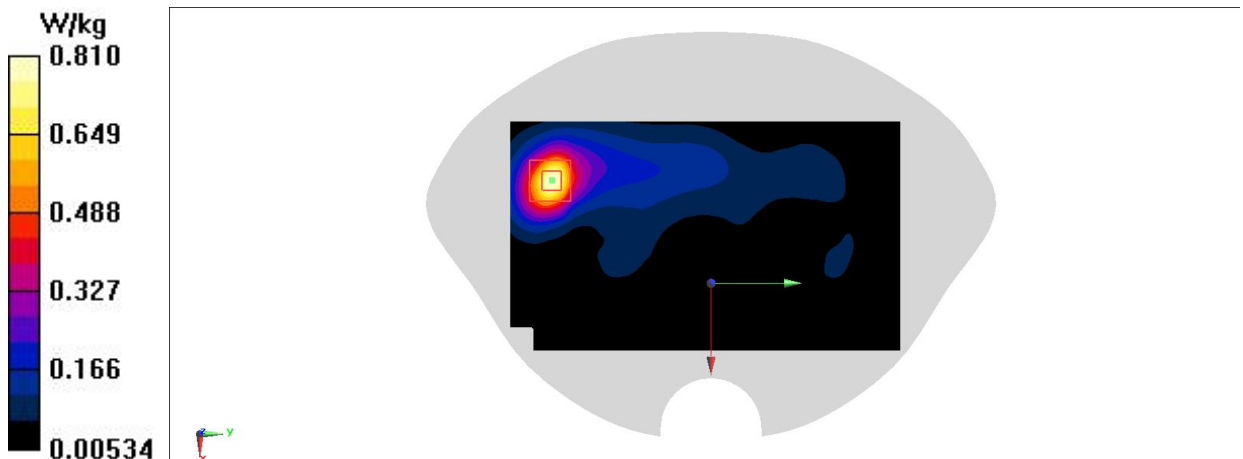


Fig A.29

### LTE Band12 Body ANT13

Date/Time: 12/9/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 704 \text{ MHz}$ ;  $\sigma = 0.805 \text{ S/m}$ ;  $\epsilon_r = 44.572$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, LTE Band12 (0) Frequency:  $704 \text{ MHz}$  Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (51x101x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.0848 \text{ W/kg}$

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

Reference Value =  $7.283 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.115 \text{ W/kg}$

**SAR(1 g) =  $0.054 \text{ W/kg}$ ; SAR(10 g) =  $0.032 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0884 \text{ W/kg}$

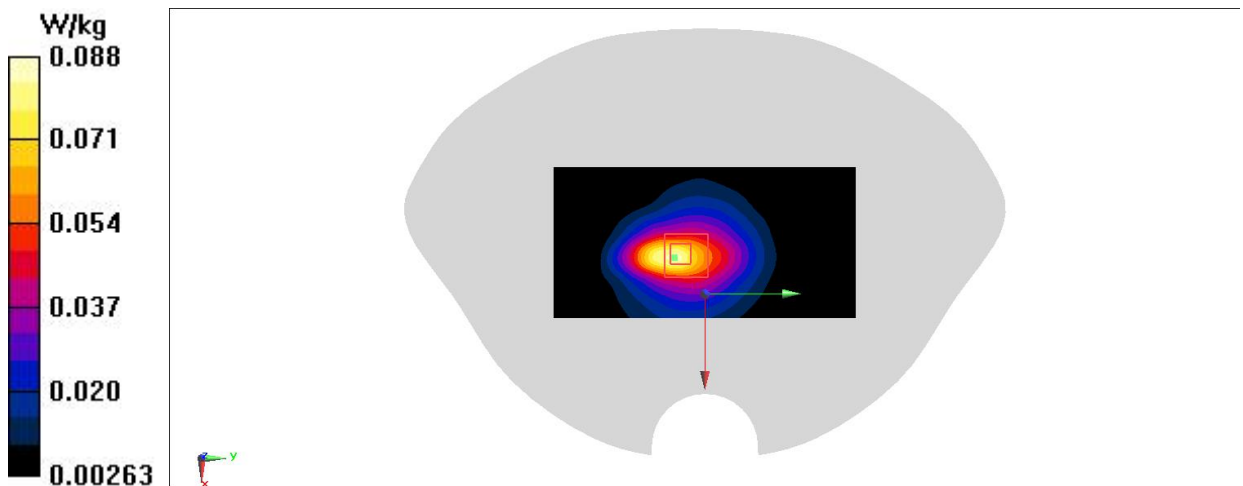


Fig A.30

### LTE Band13 Body ANT13

Date/Time: 11/25/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.823 \text{ S/m}$ ;  $\epsilon_r = 44.207$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, LTE Band13 (0) Frequency:  $782 \text{ MHz}$  Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.154 \text{ W/kg}$

**Zoom Scan (7x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.038 \text{ V/m}$ ; Power Drift =  $0.05 \text{ dB}$

Peak SAR (extrapolated) =  $0.181 \text{ W/kg}$

**SAR(1 g) =  $0.103 \text{ W/kg}$ ; SAR(10 g) =  $0.068 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.143 \text{ W/kg}$

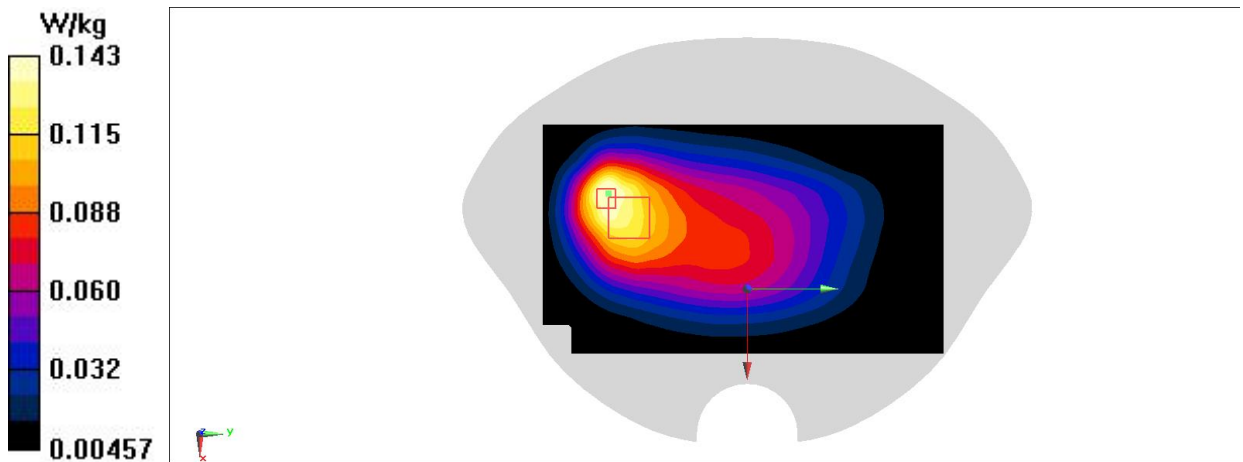


Fig A.31

### LTE Band38 Body ANT13

Date/Time: 12/13/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 2595$  MHz;  $\sigma = 2$  S/m;  $\epsilon_r = 40.319$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band38 20M (0) Frequency: 2595 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (101x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 5.439 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.817 W/kg

**SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.172 W/kg**

Maximum value of SAR (measured) = 0.652 W/kg

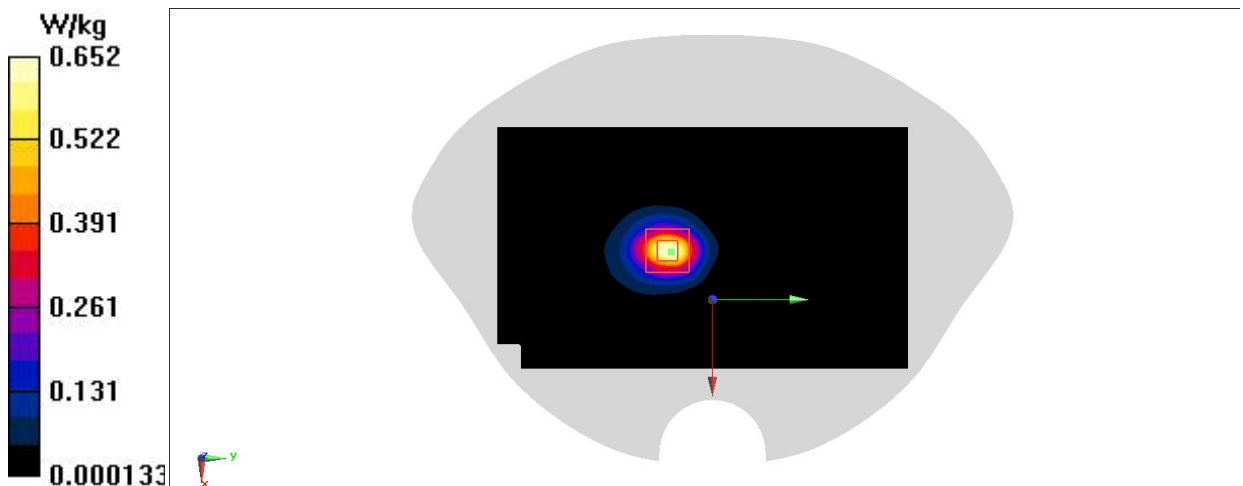


Fig A.32

### LTE Band38 Body ANT13

Date/Time: 12/13/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 2610$  MHz;  $\sigma = 2.015$  S/m;  $\epsilon_r = 40.281$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band38 20M (0) Frequency: 2610 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (101x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.322 W/kg

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

Reference Value = 3.072 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.396 W/kg

**SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.096 W/kg**

Maximum value of SAR (measured) = 0.320 W/kg

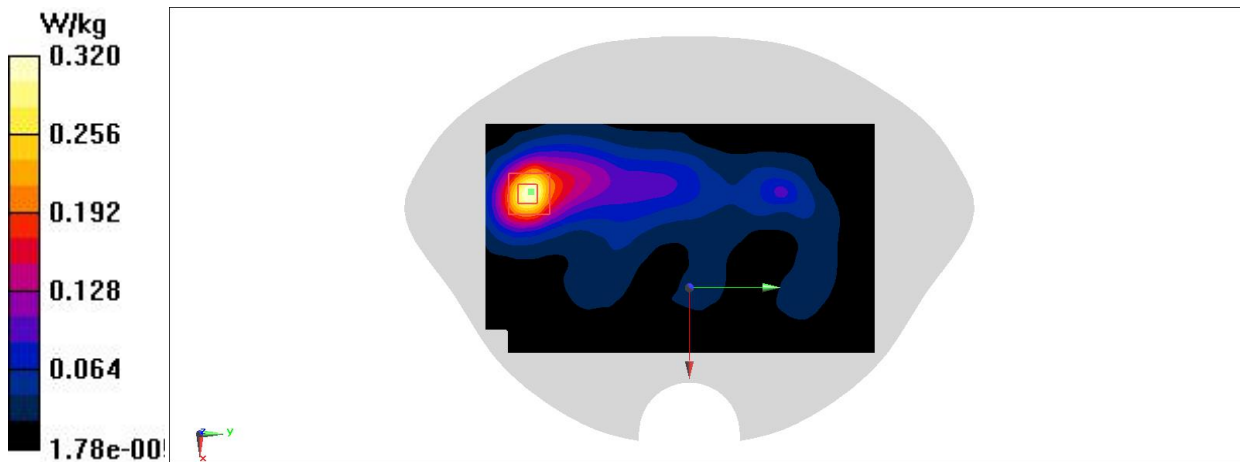


Fig A.33



### LTE Band41 Body ANT13

Date/Time: 11/24/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 2636.5$  MHz;  $\sigma = 2.071$  S/m;  $\epsilon_r = 40.143$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band41 (0) Frequency: 2636.5 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (61x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.604 W/kg

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

Reference Value = 6.829 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.716 W/kg

**SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.148 W/kg**

Maximum value of SAR (measured) = 0.576 W/kg

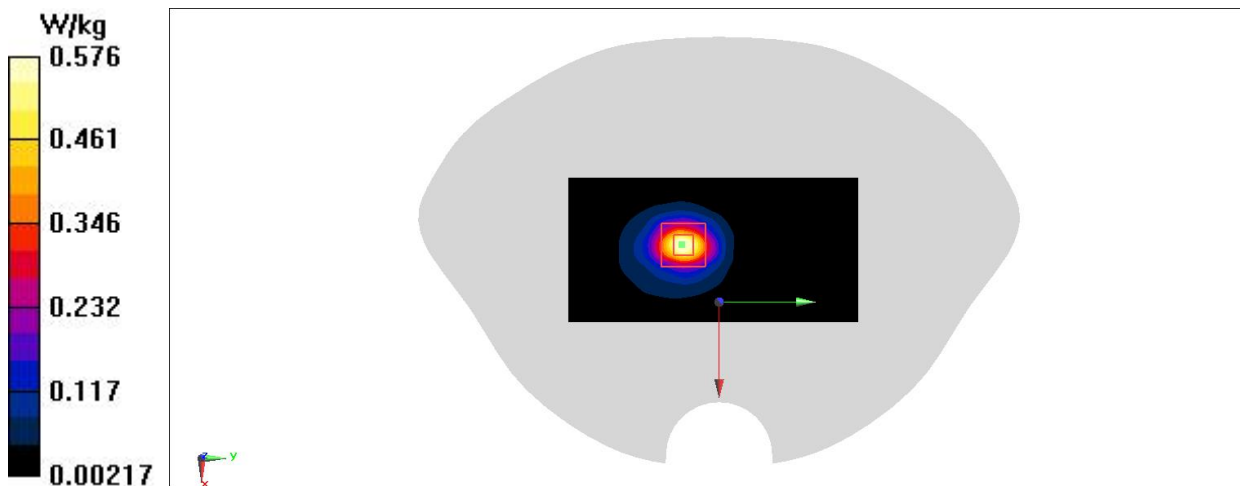


Fig A.34

### LTE Band41 Body ANT13

Date/Time: 11/25/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 2636.5$  MHz;  $\sigma = 2.071$  S/m;  $\epsilon_r = 40.143$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band41 (0) Frequency: 2636.5 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (101x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.267 W/kg

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

Reference Value = 2.619 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.330 W/kg

**SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.078 W/kg**

Maximum value of SAR (measured) = 0.263 W/kg

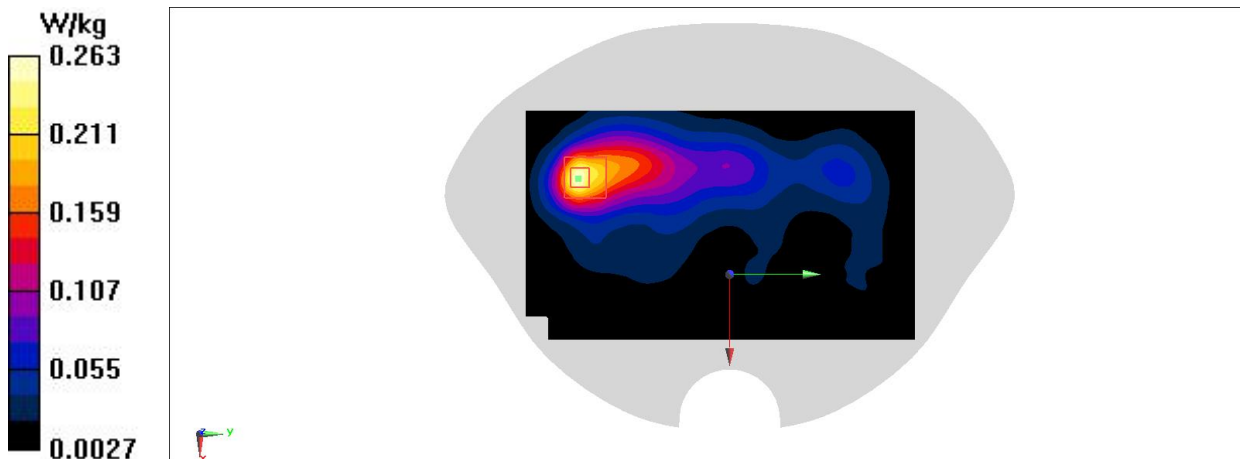


Fig A.35

### LTE Band66 Body ANT13

Date/Time: 11/25/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.337$  S/m;  $\epsilon_r = 41.818$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band66 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.482 W/kg

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

Reference Value = 14.24 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.600 W/kg

**SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.175 W/kg**

Maximum value of SAR (measured) = 0.506 W/kg

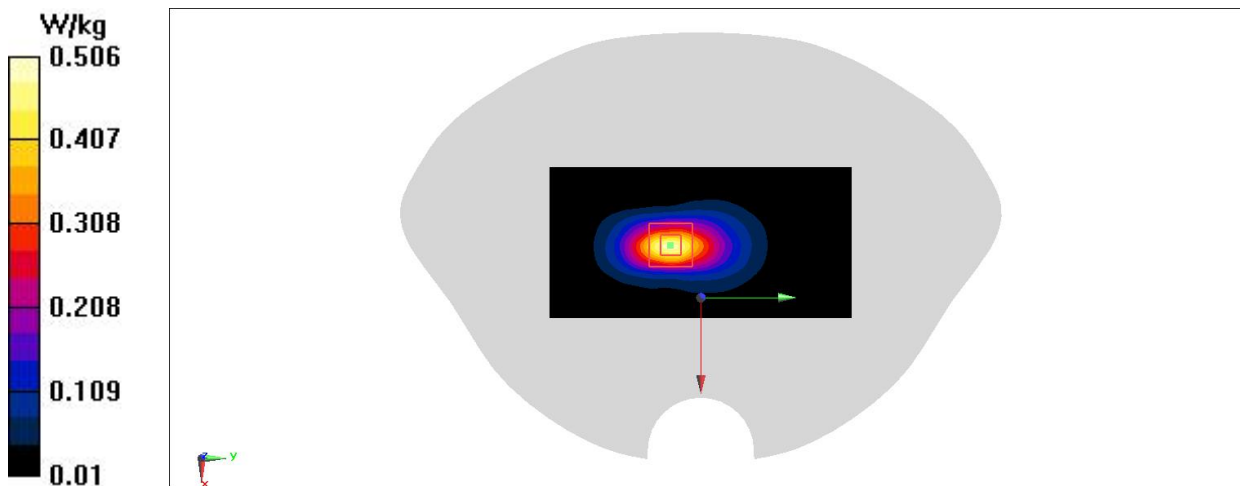


Fig A.36

### LTE Band66 Body ANT13

Date/Time: 11/25/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.337$  S/m;  $\epsilon_r = 41.818$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band66 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.467 W/kg

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

Reference Value = 5.571 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.568 W/kg

**SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.200 W/kg**

Maximum value of SAR (measured) = 0.488 W/kg

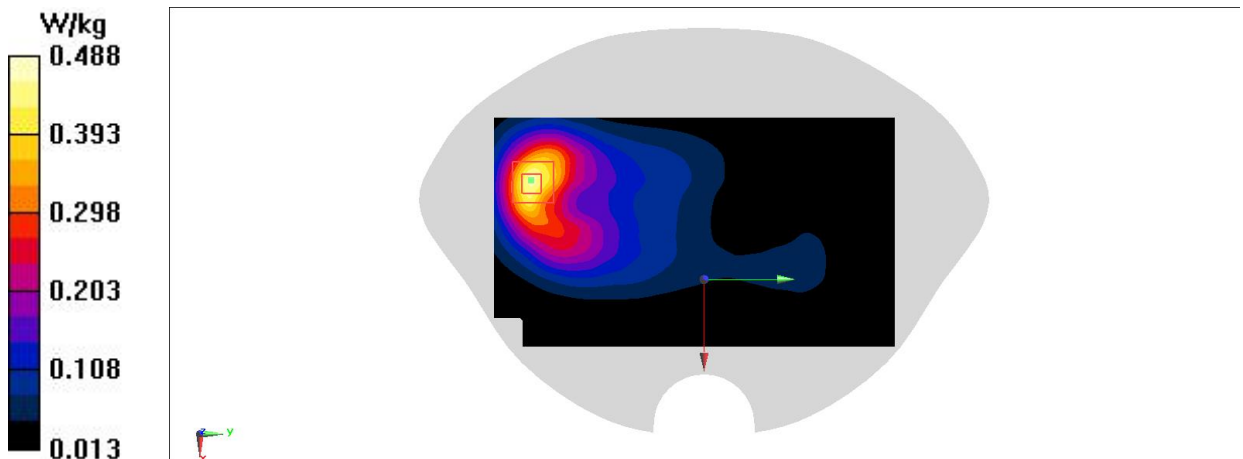


Fig A.37

### GSM850 Head ANT41

Date/Time: 12/10/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.863$  S/m;  $\epsilon_r = 44.109$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM 850 (0) Frequency: 836.6 MHz Duty Cycle: 1:8.30042

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 5.033 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.266 W/kg

**SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.161 W/kg**

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

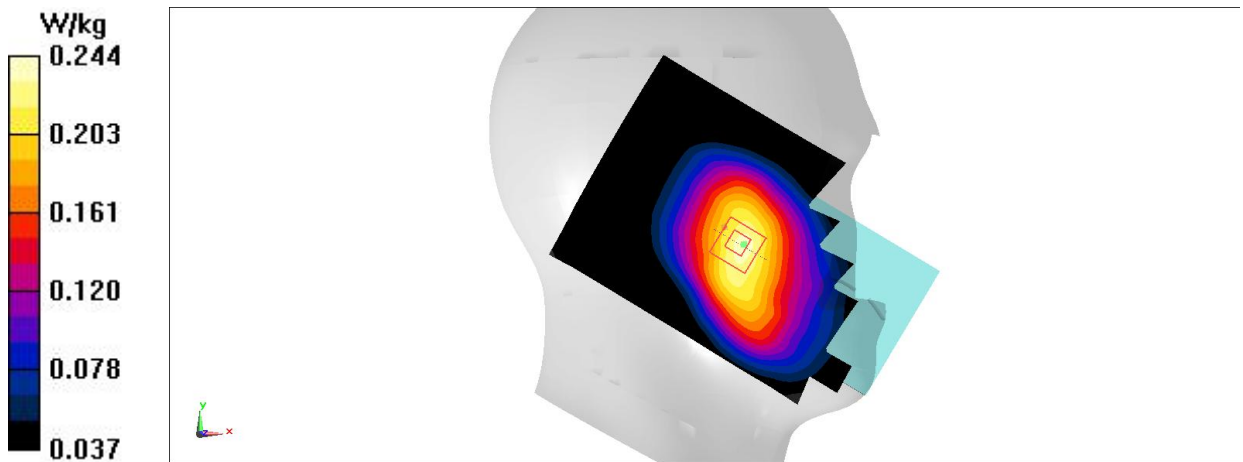


Fig A.38

### GSM1900 Head ANT31

Date/Time: 12/10/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.422 \text{ S/m}$ ;  $\epsilon_r = 41.647$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, GSM 1900 (0) Frequency:  $1880 \text{ MHz}$  Duty Cycle: 1:8.30042

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.154 \text{ W/kg}$

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $5.089 \text{ V/m}$ ; Power Drift =  $0.09\text{dB}$

Peak SAR (extrapolated) =  $0.125 \text{ W/kg}$

**SAR(1 g) =  $0.083 \text{ W/kg}$ ; SAR(10 g) =  $0.052 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.105 \text{ W/kg}$

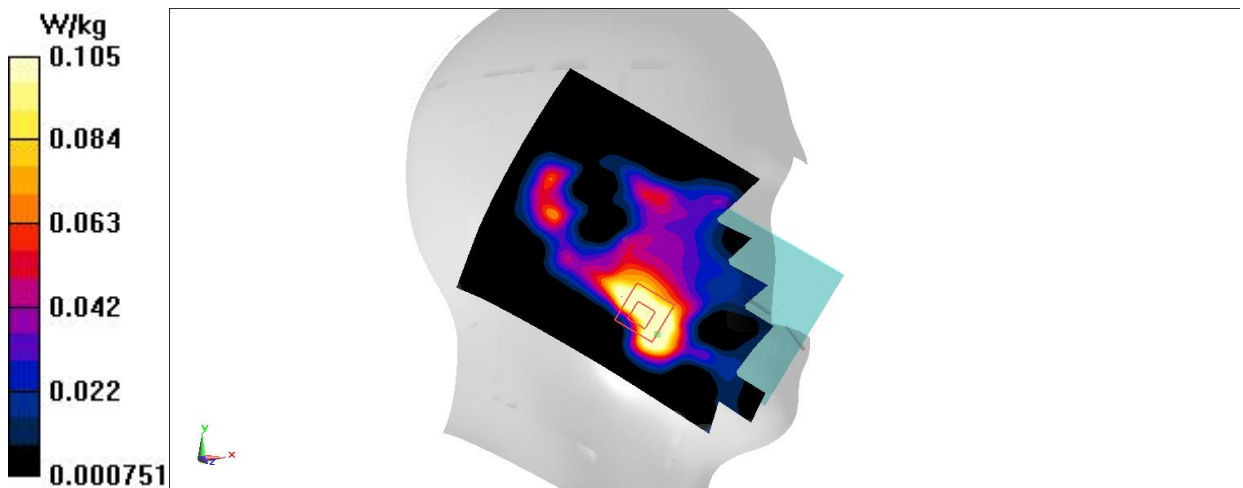


Fig A.39

**WCDMA1900 Head ANT31**

Date/Time: 11/27/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.398$  S/m;  $\epsilon_r = 41.673$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA 1900 (0) Frequency: 1852.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.246 W/kg

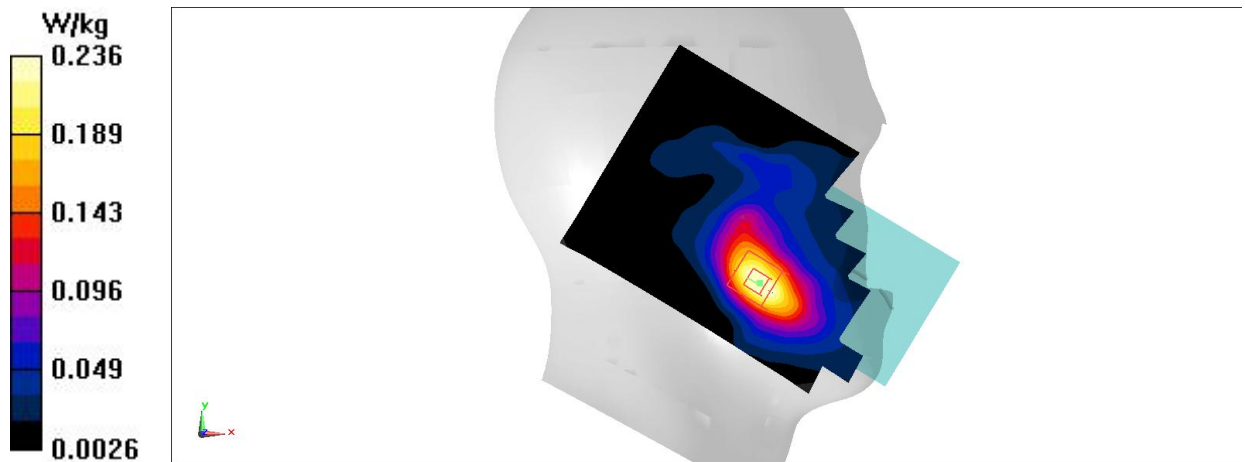
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.437 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.270 W/kg

**SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.107 W/kg**

Maximum value of SAR (measured) = 0.236 W/kg



**Fig A.40**

### WCDMA1700 Head ANT31

Date/Time: 11/27/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 1732.6$  MHz;  $\sigma = 1.325$  S/m;  $\epsilon_r = 41.874$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA 1700 Band4 (0) Frequency: 1732.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.293 W/kg

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

Reference Value = 4.277 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.322 W/kg

**SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.138 W/kg**

Maximum value of SAR (measured) = 0.282 W/kg

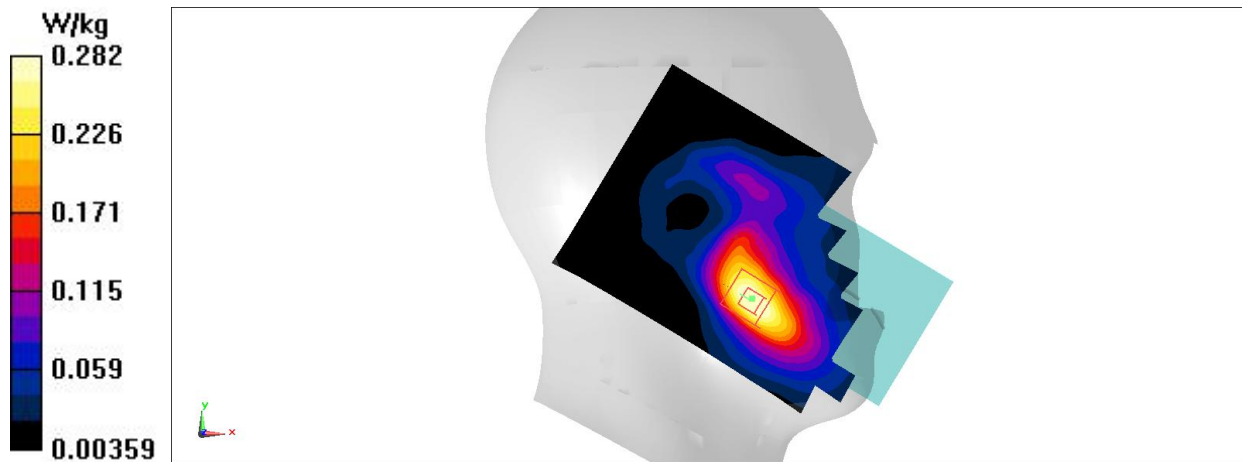


Fig A.41



**WCDMA850 Head ANT41**

Date/Time: 11/27/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 0.839$  S/m;  $\epsilon_r = 44.074$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA 850 (0) Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 4.345 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.259 W/kg

**SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.154 W/kg**

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

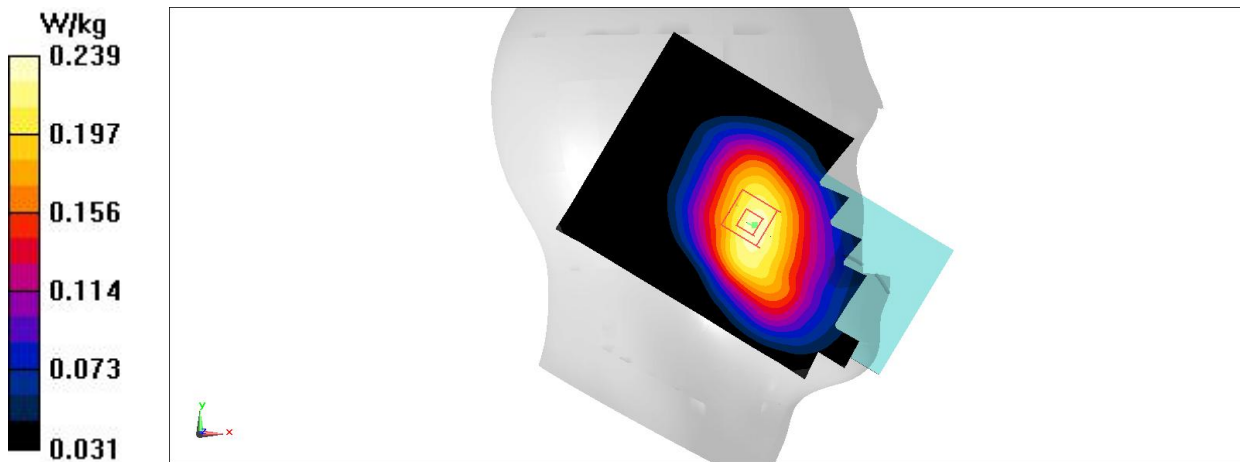


Fig A.42

### LTE Band2 Head ANT31

Date/Time: 11/27/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  S/m;  $\epsilon_r = 41.643$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band2(20MB) (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.223 W/kg

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

Reference Value = 3.891 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.249 W/kg

**SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.101 W/kg**

Maximum value of SAR (measured) = 0.217 W/kg

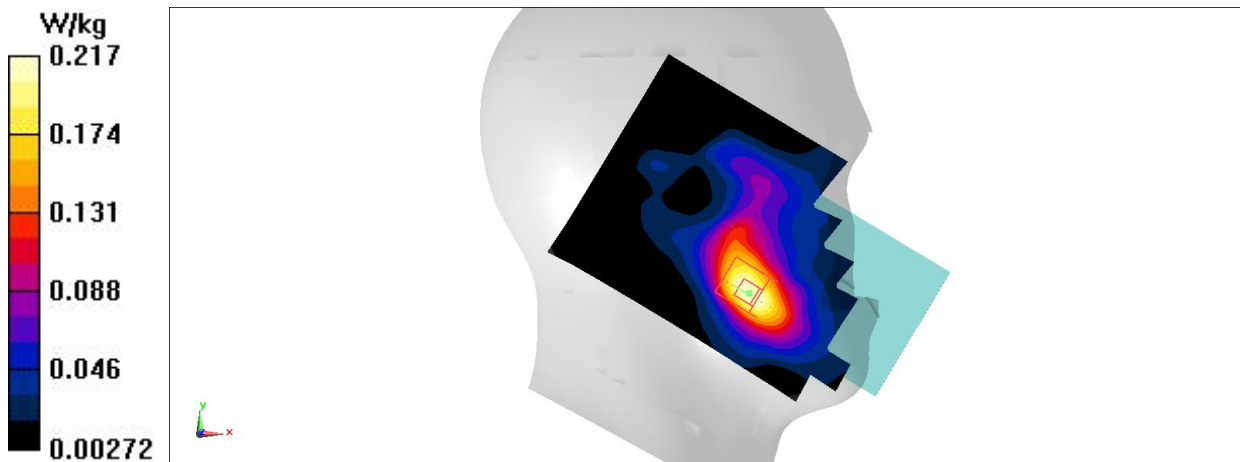


Fig A.43

### LTE Band4 Head ANT31

Date/Time: 11/27/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.333$  S/m;  $\epsilon_r = 41.849$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band4 (0) Frequency: 1745 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.367 W/kg

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

Reference Value = 4.213 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.403 W/kg

**SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.172 W/kg**

Maximum value of SAR (measured) = 0.350 W/kg

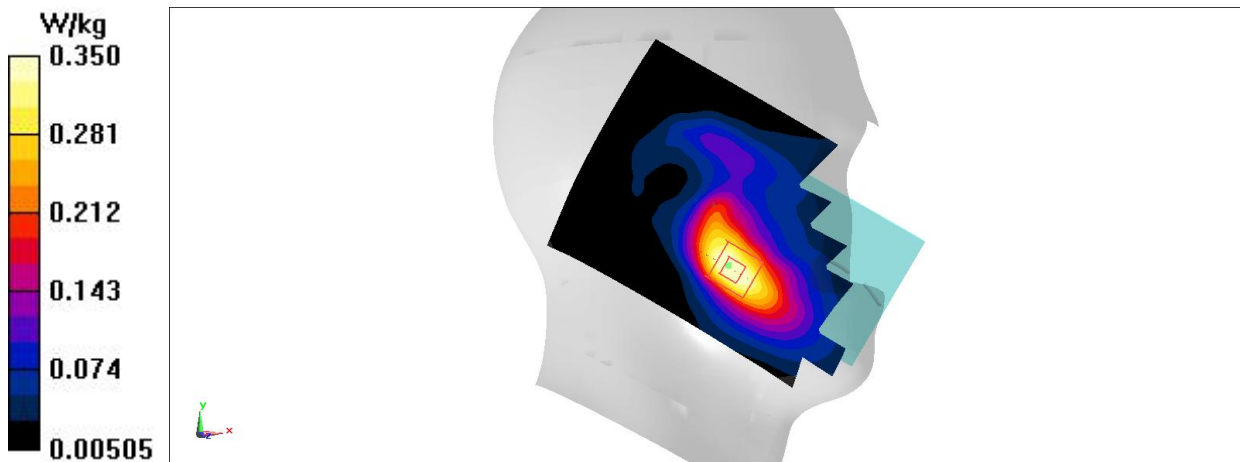


Fig A.44

### LTE Band5 Head ANT41

Date/Time: 11/27/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 829 \text{ MHz}$ ;  $\sigma = 0.831 \text{ S/m}$ ;  $\epsilon_r = 44.129$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, LTE Band5 (0) Frequency:  $829 \text{ MHz}$  Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.216 \text{ W/kg}$

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

Reference Value =  $4.121 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.242 \text{ W/kg}$

**SAR(1 g) =  $0.184 \text{ W/kg}$ ; SAR(10 g) =  $0.142 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.223 \text{ W/kg}$

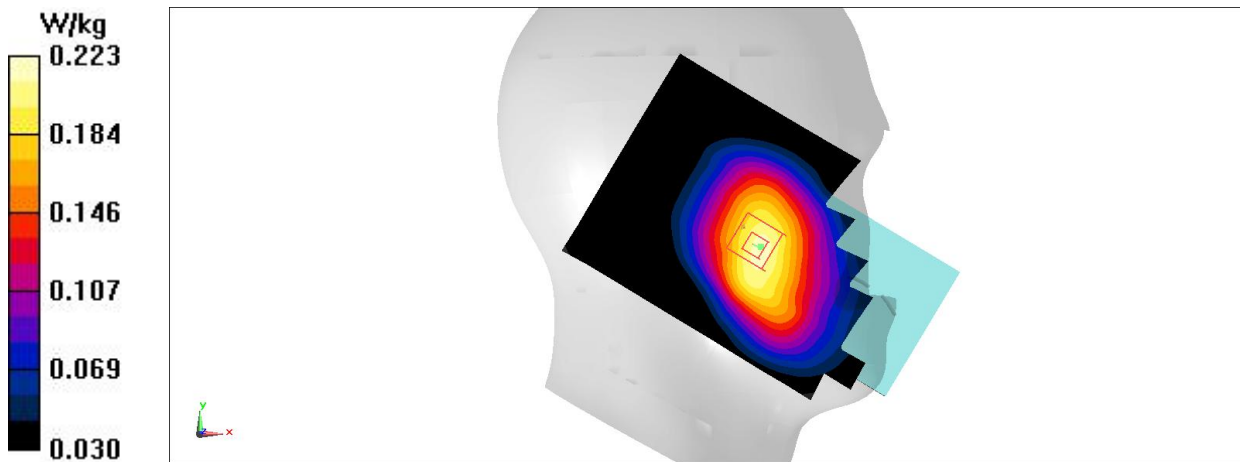


Fig A.45

**LTE Band7 Head ANT31**

Date/Time: 11/27/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.969$  S/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band7-20M (0) Frequency: 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (91x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.408 W/kg

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

Reference Value = 3.320 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.494 W/kg

**SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.155 W/kg**

Maximum value of SAR (measured) = 0.409 W/kg

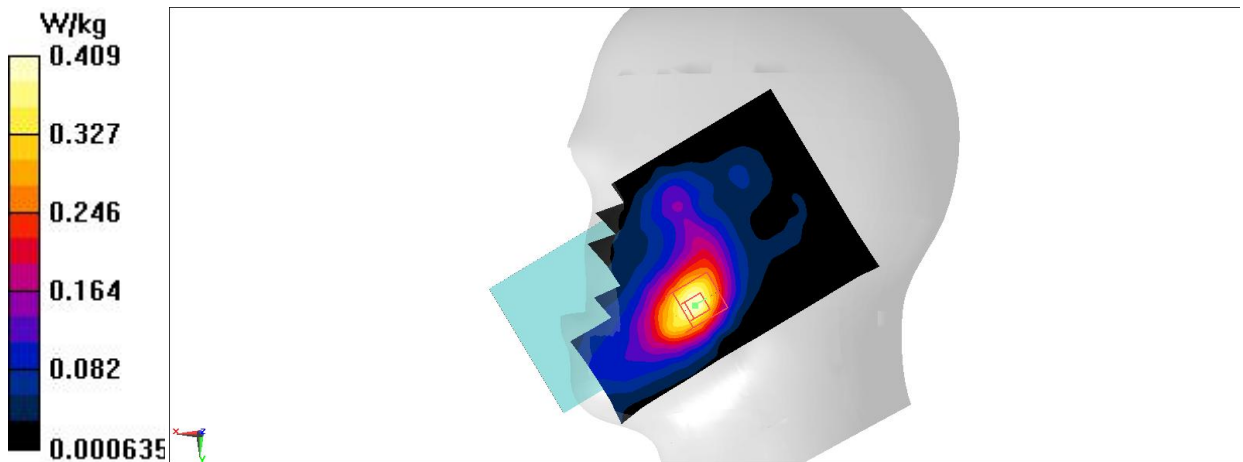


Fig A.46

### LTE Band12 Head ANT41

Date/Time: 12/9/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 704 \text{ MHz}$ ;  $\sigma = 0.805 \text{ S/m}$ ;  $\epsilon_r = 44.572$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, LTE Band12 (0) Frequency:  $704 \text{ MHz}$  Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.217 \text{ W/kg}$

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

Reference Value =  $7.025 \text{ V/m}$ ; Power Drift =  $-0.10 \text{ dB}$

Peak SAR (extrapolated) =  $0.236 \text{ W/kg}$

**SAR(1 g) =  $0.185 \text{ W/kg}$ ; SAR(10 g) =  $0.148 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.219 \text{ W/kg}$

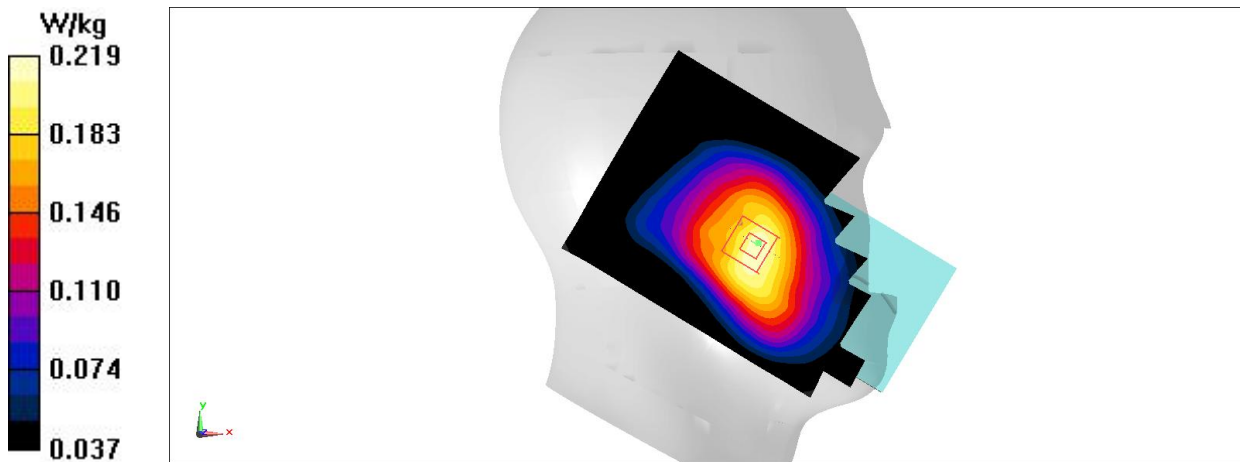


Fig A.47

**LTE Band13 Head ANT41**

Date/Time: 11/27/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.811 \text{ S/m}$ ;  $\epsilon_r = 44.295$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, LTE Band13 (0) Frequency:  $782 \text{ MHz}$  Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.105 \text{ W/kg}$

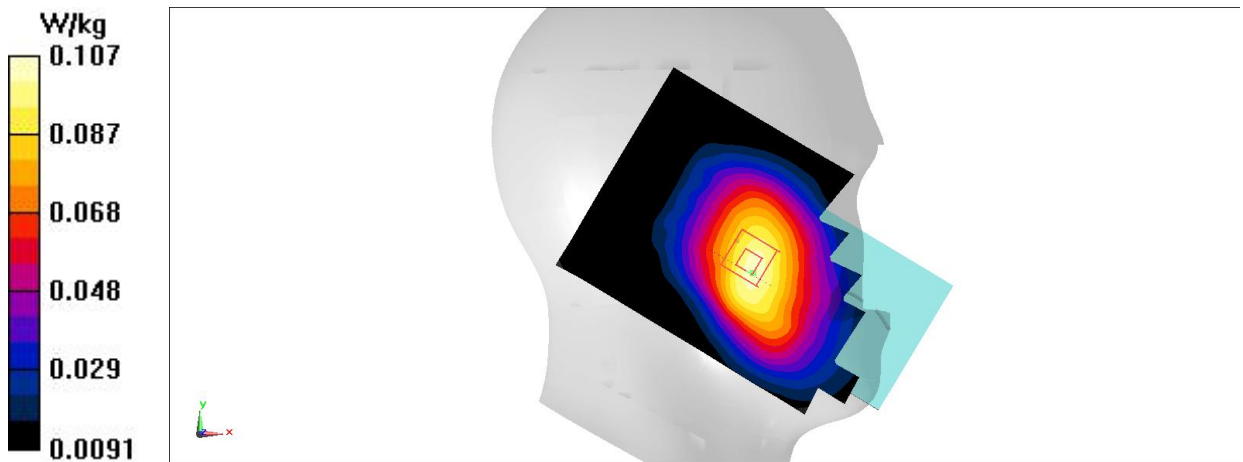
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $3.065 \text{ V/m}$ ; Power Drift =  $0.13 \text{ dB}$

Peak SAR (extrapolated) =  $0.117 \text{ W/kg}$

**SAR(1 g) =  $0.089 \text{ W/kg}$ ; SAR(10 g) =  $0.069 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.107 \text{ W/kg}$



**Fig A.48**

**LTE Band38 Head ANT31**

Date/Time: 12/13/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 2580$  MHz;  $\sigma = 1.986$  S/m;  $\epsilon_r = 40.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band38 20M (0) Frequency: 2580 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (91x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.194 W/kg

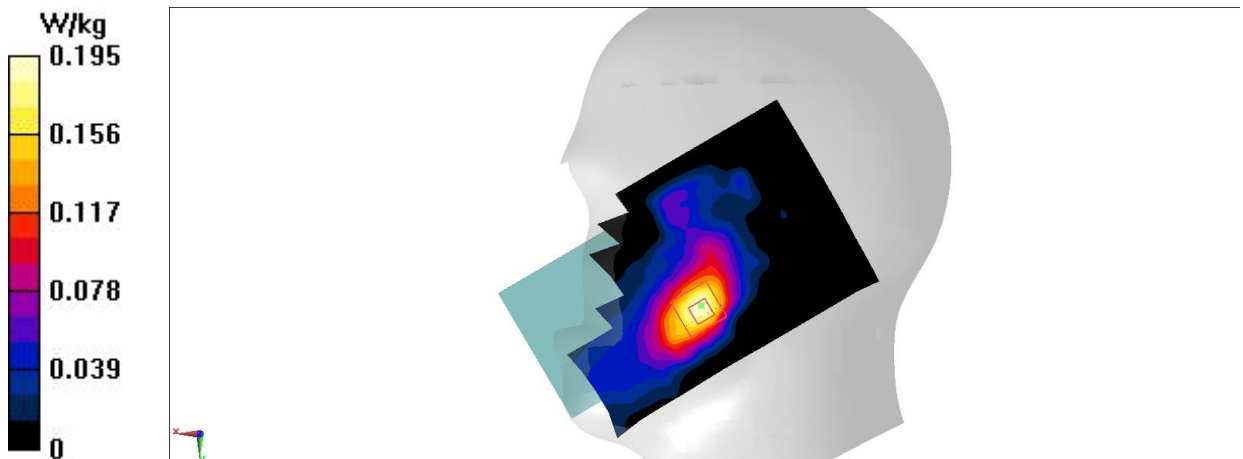
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.205 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.238 W/kg

**SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.195 W/kg

**Fig A.49**



### LTE Band41 Head ANT31

Date/Time: 11/25/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.11$  S/m;  $\epsilon_r = 40.047$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band41 (0) Frequency: 2680 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (91x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.188 W/kg

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

Reference Value = 1.468 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.228 W/kg

**SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.067 W/kg**

Maximum value of SAR (measured) = 0.190 W/kg

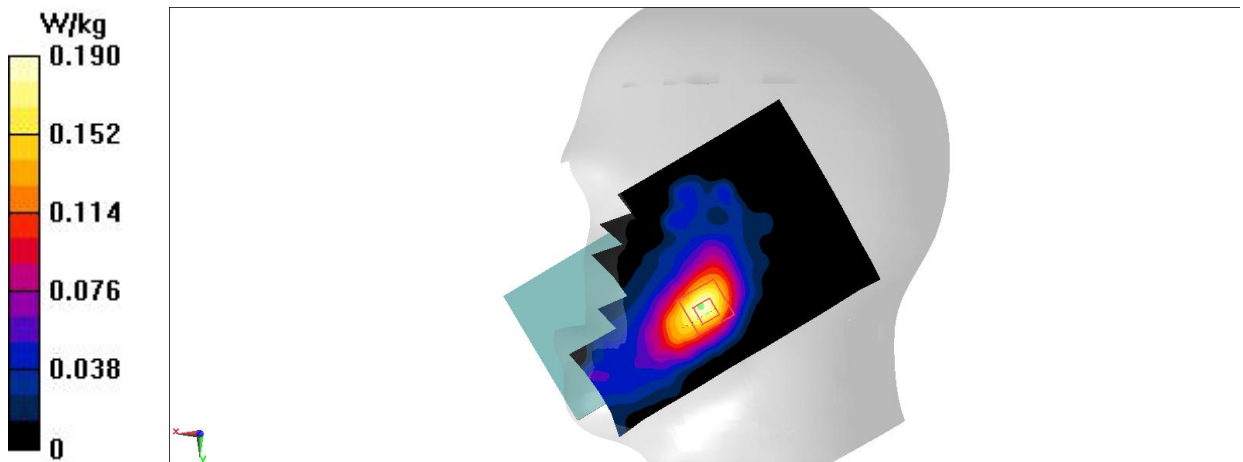


Fig A.50

### LTE Band66 Head ANT31

Date/Time: 11/26/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.337$  S/m;  $\epsilon_r = 41.818$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band66 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 4.533 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.252 W/kg

**SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.115 W/kg**

Maximum value of SAR (measured) = 0.220 W/kg

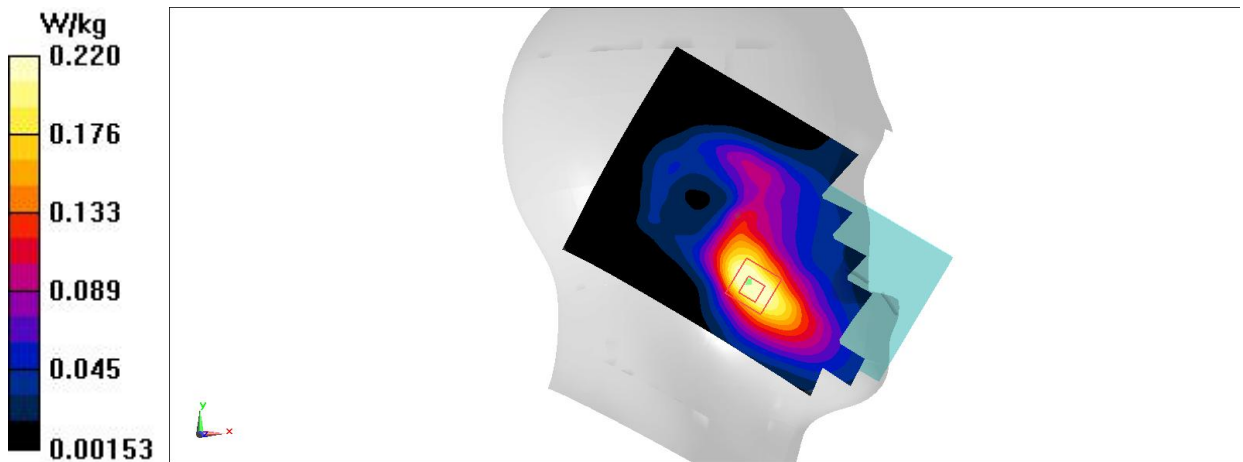


Fig A.51

### GSM850 Body ANT41

Date/Time: 12/10/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.863$  S/m;  $\epsilon_r = 44.109$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM 850 GPRS-2 (0) Frequency: 836.6 MHz Duty Cycle: 1:4.00037

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.553 W/kg

**Zoom Scan (7x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.20 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.663 W/kg

**SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.244 W/kg**

Maximum value of SAR (measured) = 0.550 W/kg

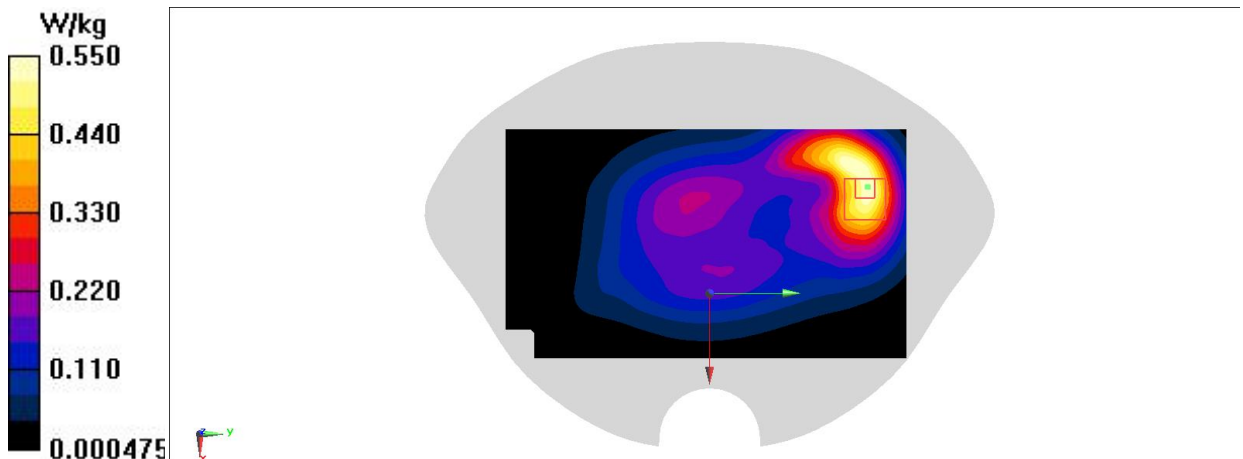


Fig A.52

### GSM1900 Body ANT31

Date/Time: 12/10/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.402$  S/m;  $\epsilon_r = 41.68$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM 1900 GPRS-2 (0) Frequency: 1850.2 MHz Duty Cycle: 1:4.00037

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.511 W/kg

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

Reference Value = 15.07 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.574 W/kg

**SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.196 W/kg**

Maximum value of SAR (measured) = 0.487 W/kg

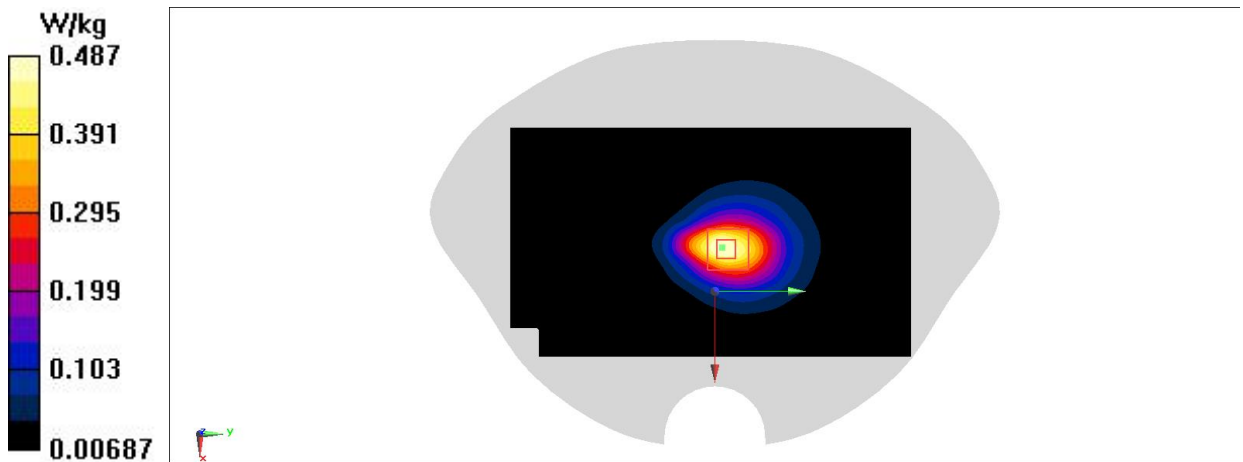


Fig A.53

### GSM1900 Body ANT31

Date/Time: 12/10/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.402$  S/m;  $\epsilon_r = 41.68$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM 1900 GPRS-2 (0) Frequency: 1850.2 MHz Duty Cycle: 1:4.00037

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.241 W/kg

**Zoom Scan (7x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.513 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.423 W/kg

**SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.105 W/kg**

Maximum value of SAR (measured) = 0.340 W/kg

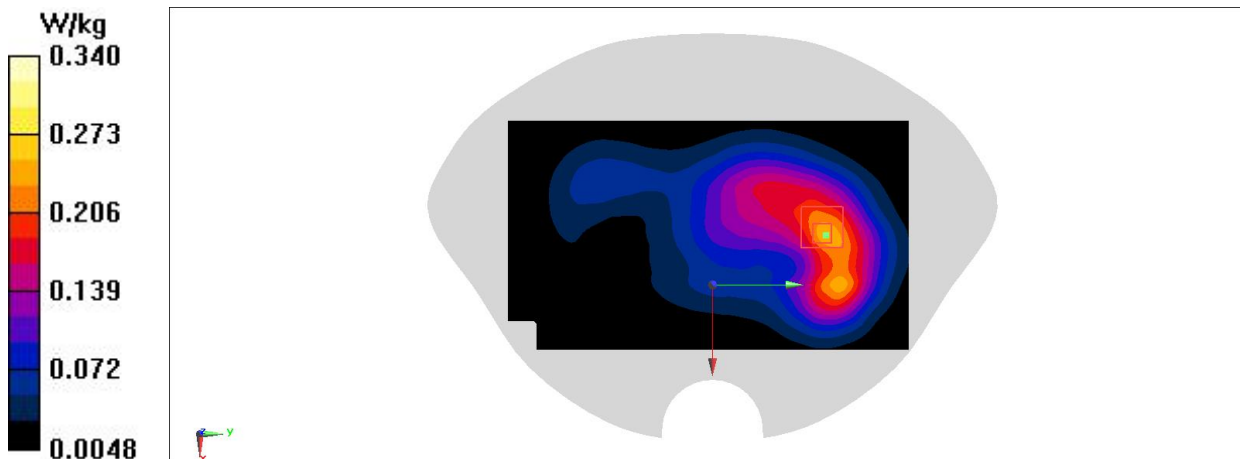


Fig A.54

### WCDMA1900 Body ANT31

Date/Time: 11/28/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  S/m;  $\epsilon_r = 41.643$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA 1900 (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.522 W/kg

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

Reference Value = 16.31 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.616 W/kg

**SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.207 W/kg**

Maximum value of SAR (measured) = 0.513 W/kg

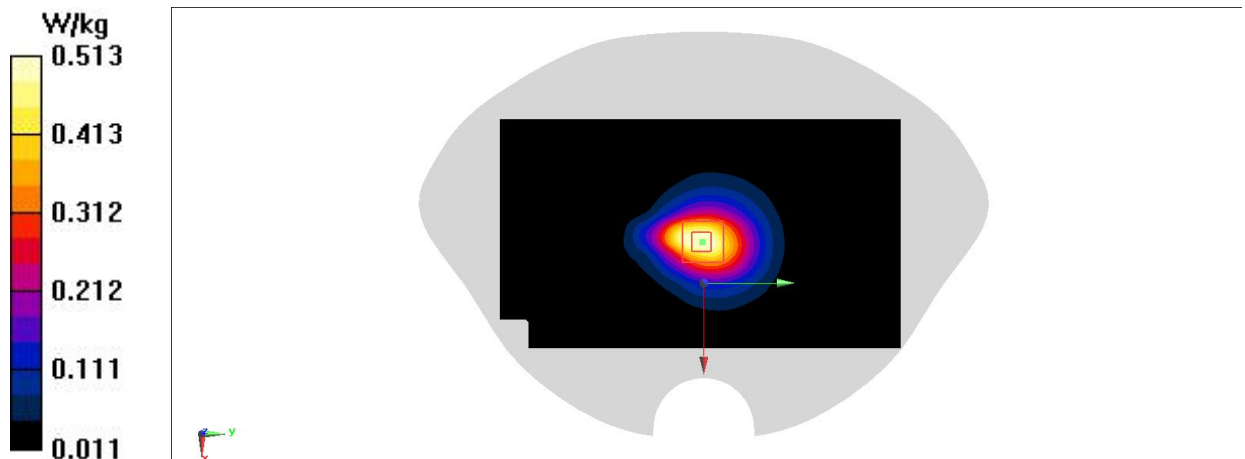


Fig A.55

### WCDMA1900 Body ANT31

Date/Time: 11/28/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.398$  S/m;  $\epsilon_r = 41.673$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA 1900 (0) Frequency: 1852.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.408 W/kg

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

Reference Value = 9.484 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.472 W/kg

**SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.180 W/kg**

Maximum value of SAR (measured) = 0.406 W/kg

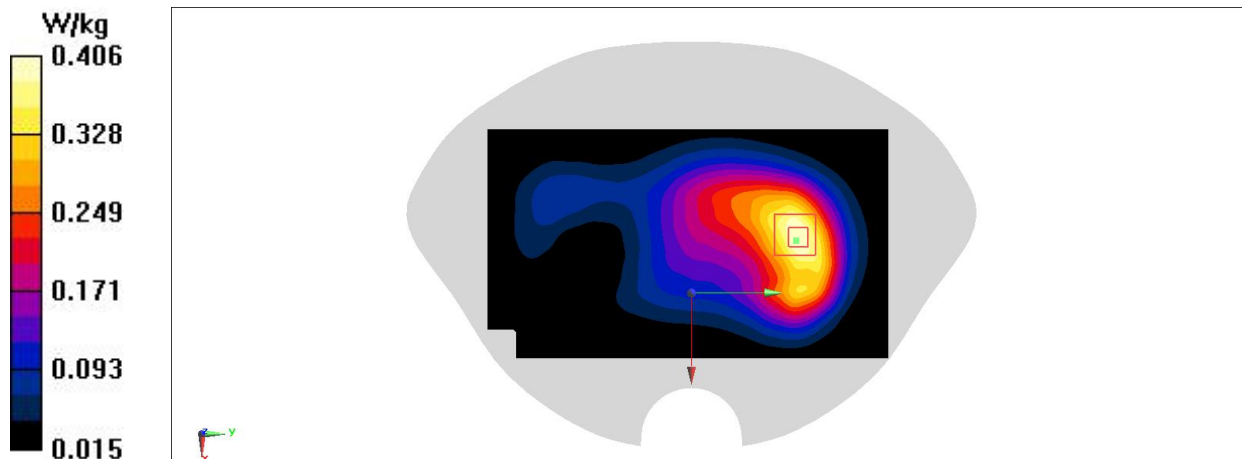


Fig A.56

### WCDMA1700 Body ANT31

Date/Time: 11/28/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.337$  S/m;  $\epsilon_r = 41.832$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA 1700 Band4 (0) Frequency: 1752.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.656 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.89 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.773 W/kg

**SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.267 W/kg**

Maximum value of SAR (measured) = 0.654 W/kg

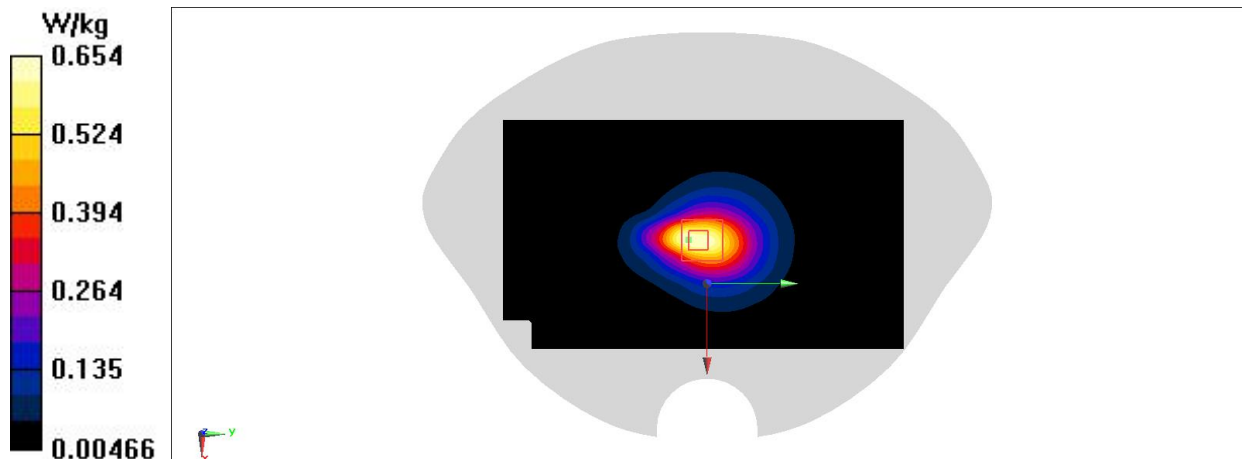


Fig A.57



### WCDMA1700 Body ANT31

Date/Time: 12/14/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 1732.6$  MHz;  $\sigma = 1.325$  S/m;  $\epsilon_r = 41.874$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA 1700 Band4 (0) Frequency: 1732.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.361 W/kg

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

Reference Value = 6.048 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.410 W/kg

**SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.164 W/kg**

Maximum value of SAR (measured) = 0.357 W/kg

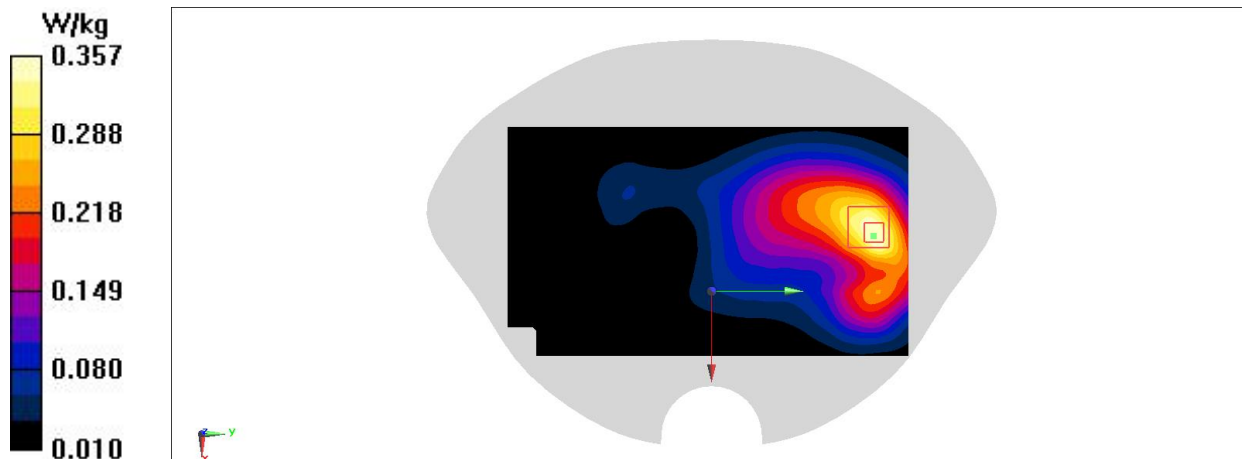


Fig A.58

### WCDMA850 Body ANT41

Date/Time: 11/28/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 0.839$  S/m;  $\epsilon_r = 44.074$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA 850 (0) Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.457 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.19 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.541 W/kg

**SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.196 W/kg**

Maximum value of SAR (measured) = 0.451 W/kg

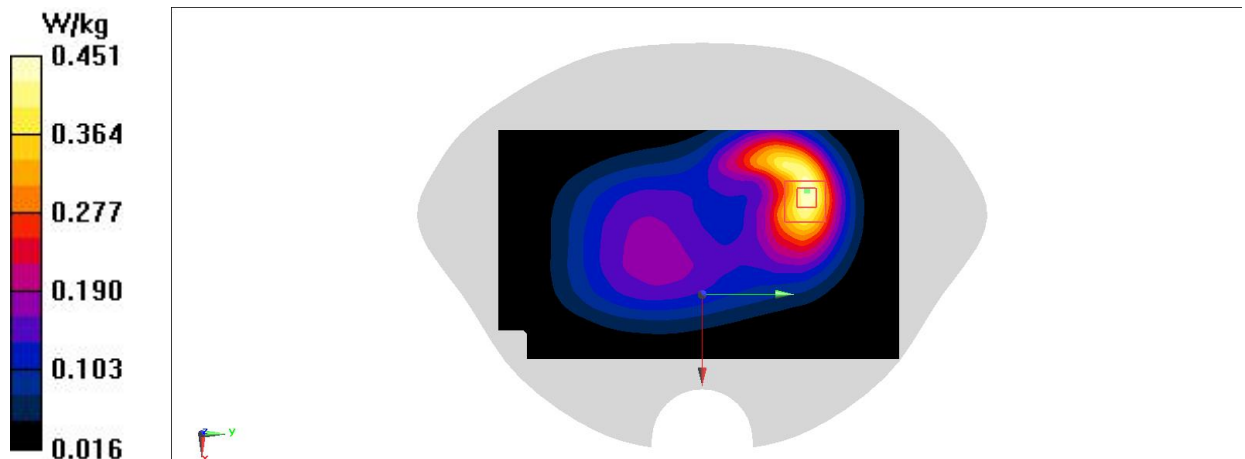


Fig A.59

### LTE Band2 Body ANT31

Date/Time: 11/28/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.417$  S/m;  $\epsilon_r = 41.643$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band2(20MB) (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.603 W/kg

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

Reference Value = 17.39 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.707 W/kg

**SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.237 W/kg**

Maximum value of SAR (measured) = 0.596 W/kg

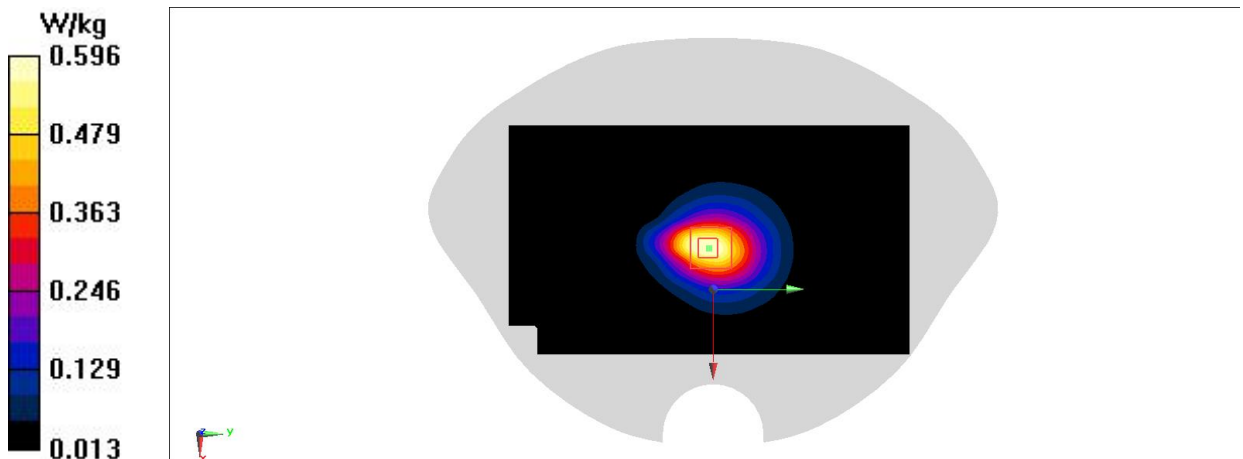


Fig A.60

### LTE Band2 Body ANT31

Date/Time: 12/13/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 41.647$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band2(20MB) (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.15, 8.15, 8.15); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.295 W/kg

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

Reference Value = 8.401 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.343 W/kg

**SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.129 W/kg**

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

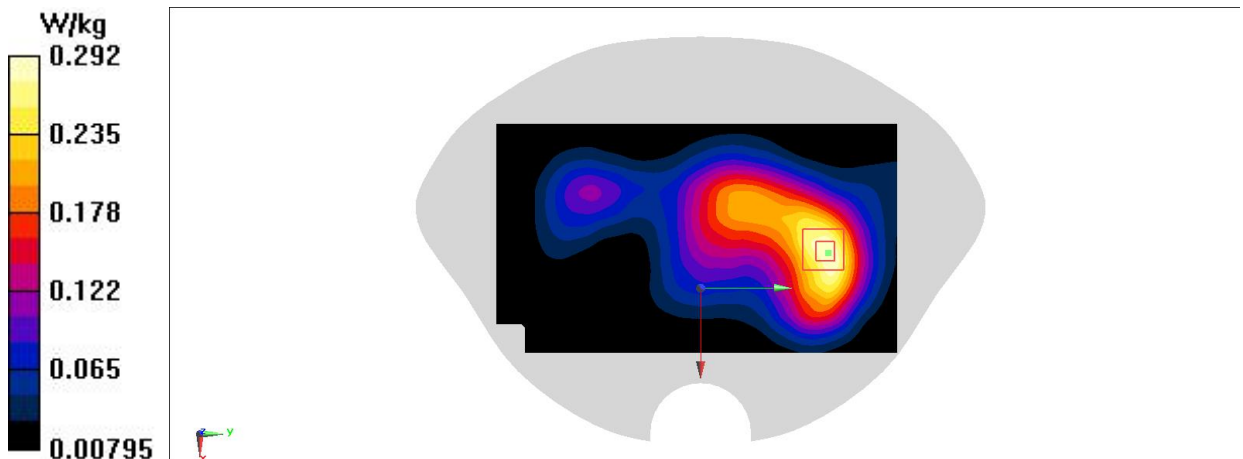


Fig A.61

### LTE Band4 Body ANT31

Date/Time: 11/28/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.333 \text{ S/m}$ ;  $\epsilon_r = 41.849$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, LTE Band4 (0) Frequency:  $1745 \text{ MHz}$  Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.612 \text{ W/kg}$

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $18.10 \text{ V/m}$ ; Power Drift =  $-0.15 \text{ dB}$

Peak SAR (extrapolated) =  $0.714 \text{ W/kg}$

**SAR(1 g) =  $0.425 \text{ W/kg}$ ; SAR(10 g) =  $0.246 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.604 \text{ W/kg}$

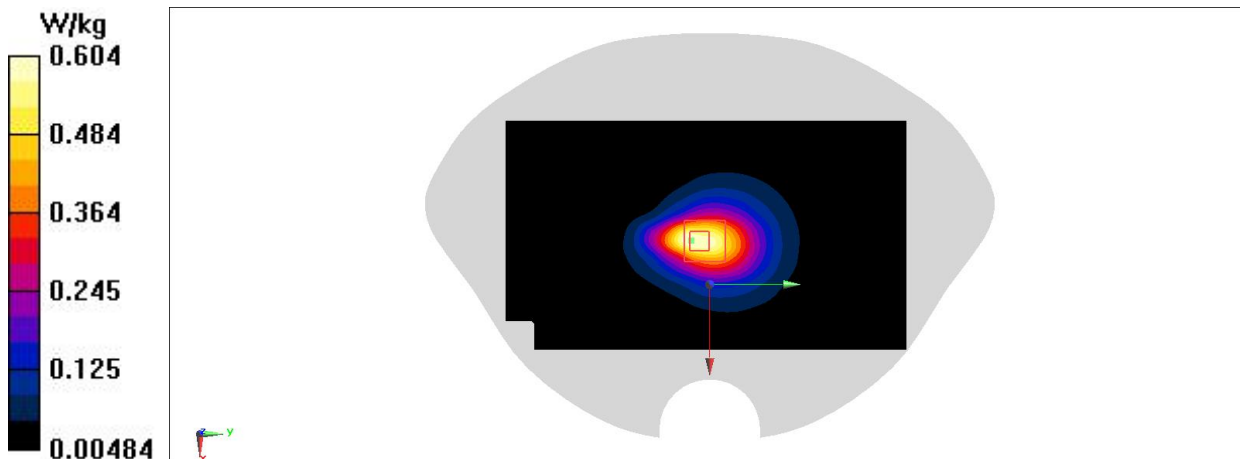


Fig A.62

### LTE Band4 Body ANT31

Date/Time: 12/13/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.338 \text{ S/m}$ ;  $\epsilon_r = 41.853$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, LTE Band4 (0) Frequency:  $1745 \text{ MHz}$  Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(8.6, 8.6, 8.6); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.304 \text{ W/kg}$

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

Reference Value =  $7.904 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.365 \text{ W/kg}$

**SAR(1 g) =  $0.226 \text{ W/kg}$ ; SAR(10 g) =  $0.138 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.313 \text{ W/kg}$

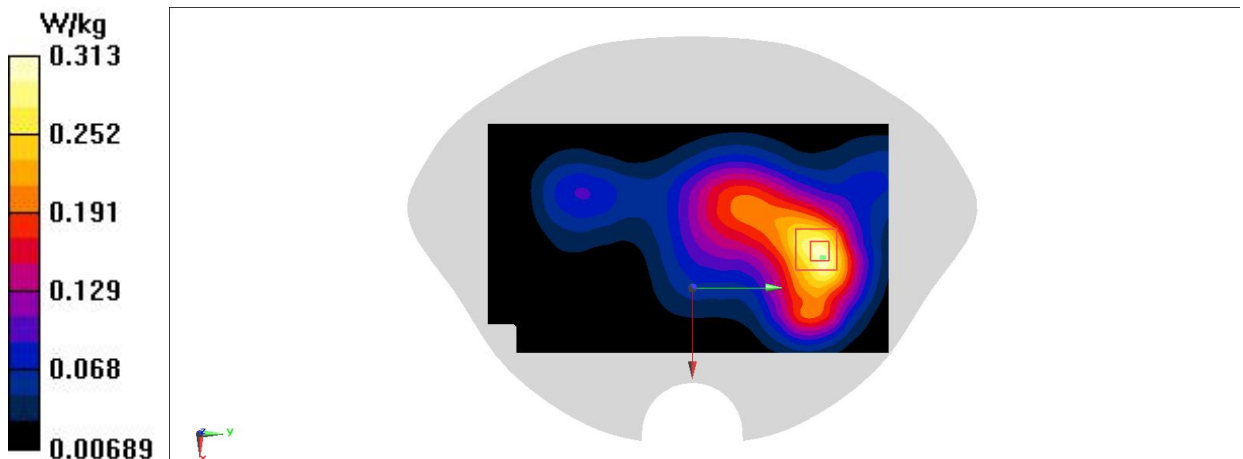


Fig A.63

### LTE Band5 Body ANT41

Date/Time: 11/28/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 829$  MHz;  $\sigma = 0.831$  S/m;  $\epsilon_r = 44.129$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band5 (0) Frequency: 829 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.346 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.11 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.412 W/kg

**SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.149 W/kg**

Maximum value of SAR (measured) = 0.345 W/kg

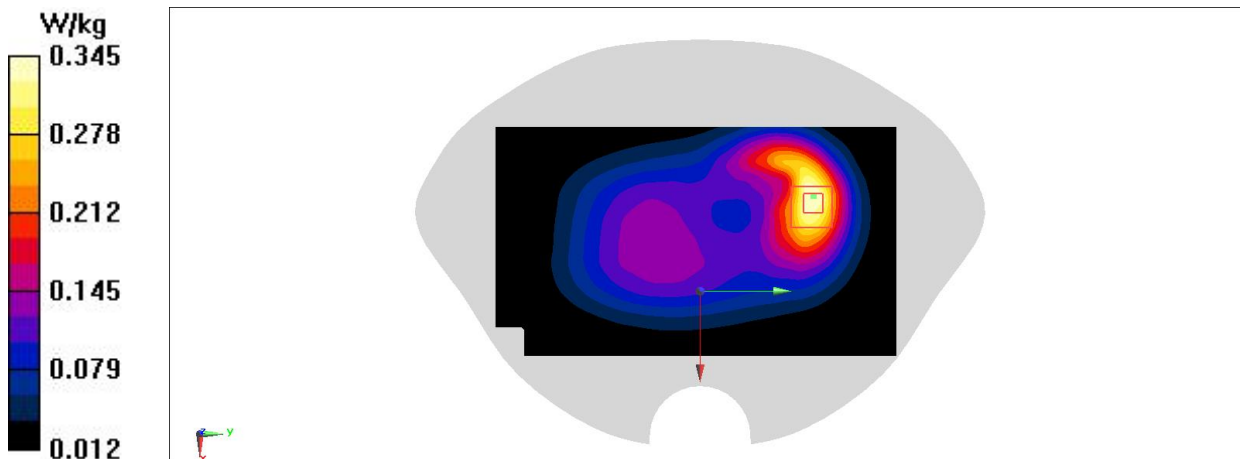


Fig A.64

### LTE Band7 Body ANT31

Date/Time: 11/28/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.969$  S/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band7-20M (0) Frequency: 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (101x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.347 W/kg

**Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.461 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.402 W/kg

**SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.119 W/kg**

Maximum value of SAR (measured) = 0.328 W/kg

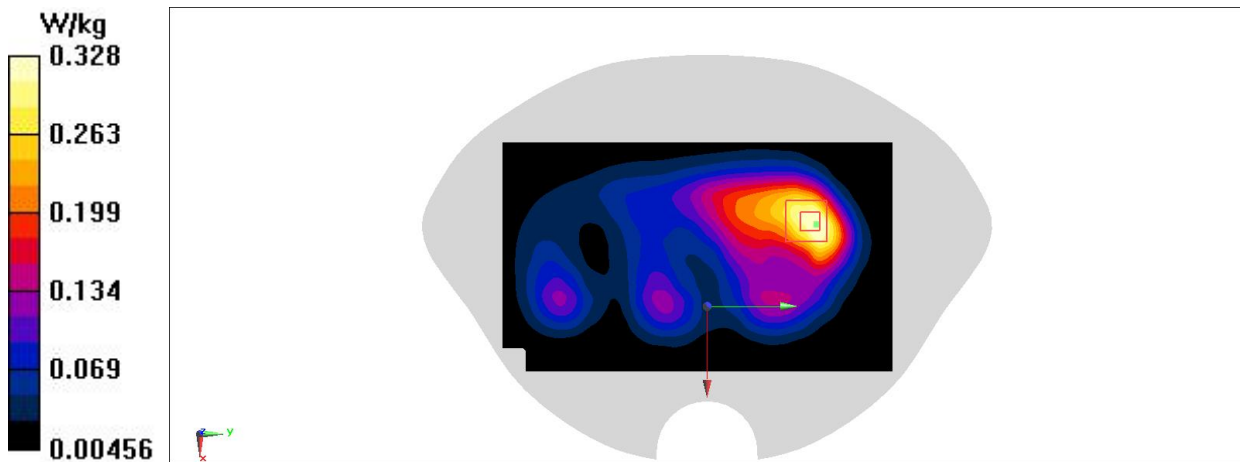


Fig A.65



### LTE Band7 Body ANT31

Date/Time: 12/13/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.969$  S/m;  $\epsilon_r = 40.404$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band7-20M (0) Frequency: 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (101x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 3.931 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.253 W/kg

**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.072 W/kg**

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

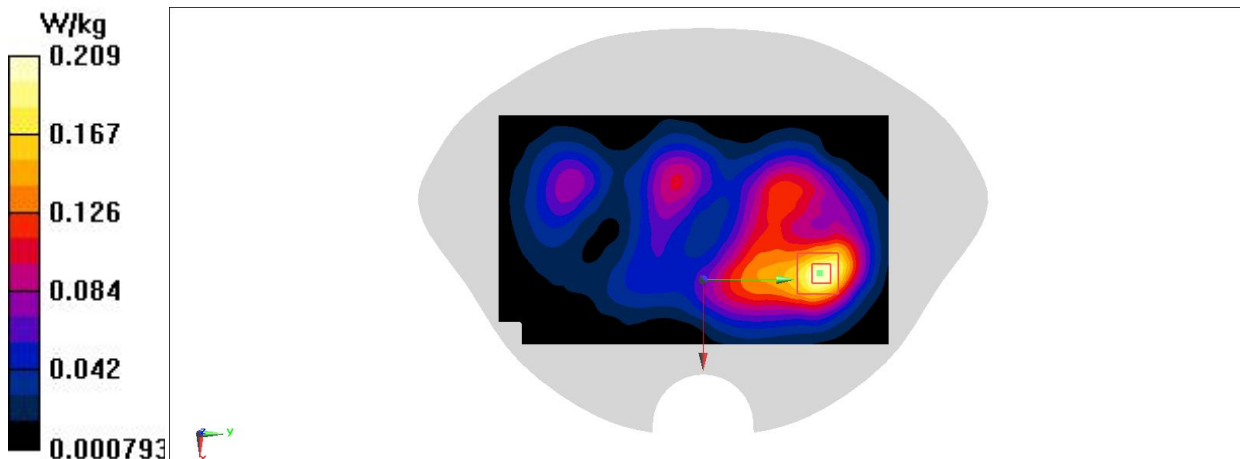


Fig A.66

### LTE Band12 Body ANT41

Date/Time: 12/10/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 704 \text{ MHz}$ ;  $\sigma = 0.805 \text{ S/m}$ ;  $\epsilon_r = 44.572$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, LTE Band12 (0) Frequency:  $704 \text{ MHz}$  Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.245 \text{ W/kg}$

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $14.91 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.296 \text{ W/kg}$

**SAR(1 g) =  $0.184 \text{ W/kg}$ ; SAR(10 g) =  $0.123 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.248 \text{ W/kg}$

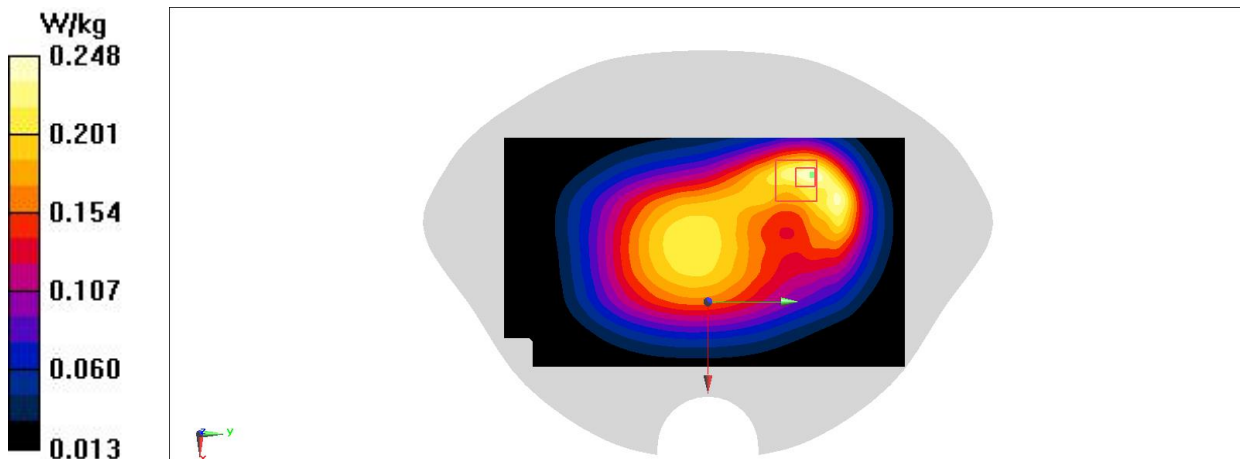


Fig A.67

### LTE Band13 Body ANT41

Date/Time: 11/28/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.811$  S/m;  $\epsilon_r = 44.295$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band13 (0) Frequency: 782 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(10.43, 10.43, 10.43); Calibrated: 12/18/2020

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.179 W/kg

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

Reference Value = 9.499 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.219 W/kg

**SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.077 W/kg**

Maximum value of SAR (measured) = 0.181 W/kg

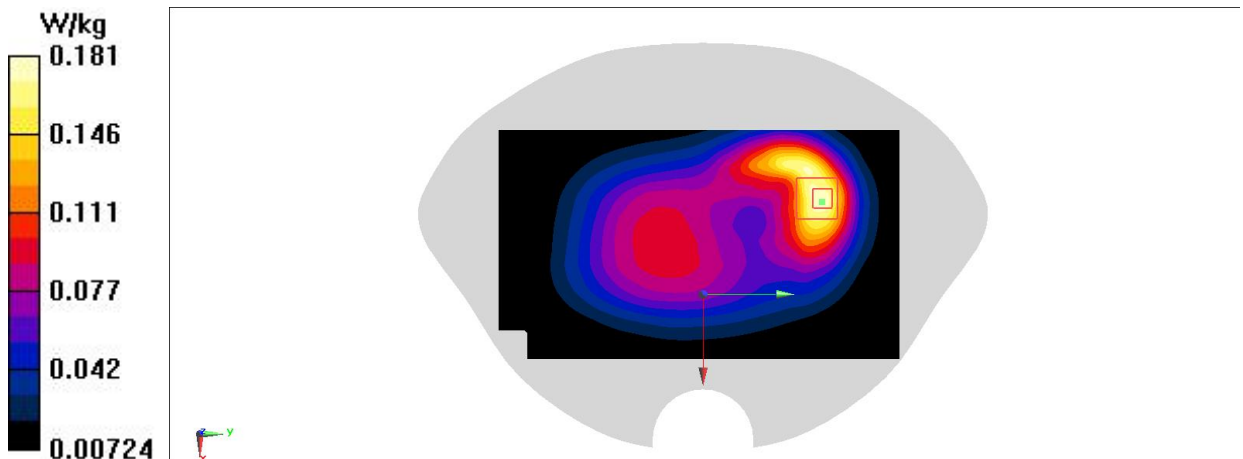


Fig A.68

### LTE Band38 Body ANT31

Date/Time: 12/13/2021

Electronics: DAE4 Sn549

Medium: H700-6000M

Medium parameters used:  $f = 2580$  MHz;  $\sigma = 1.986$  S/m;  $\epsilon_r = 40.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band38 20M (0) Frequency: 2580 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7464 ConvF(7.47, 7.47, 7.47); Calibrated: 12/18/2020

**Area Scan (101x171x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.368 W/kg

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

Reference Value = 3.787 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.428 W/kg

**SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.119 W/kg**

Maximum value of SAR (measured) = 0.358 W/kg

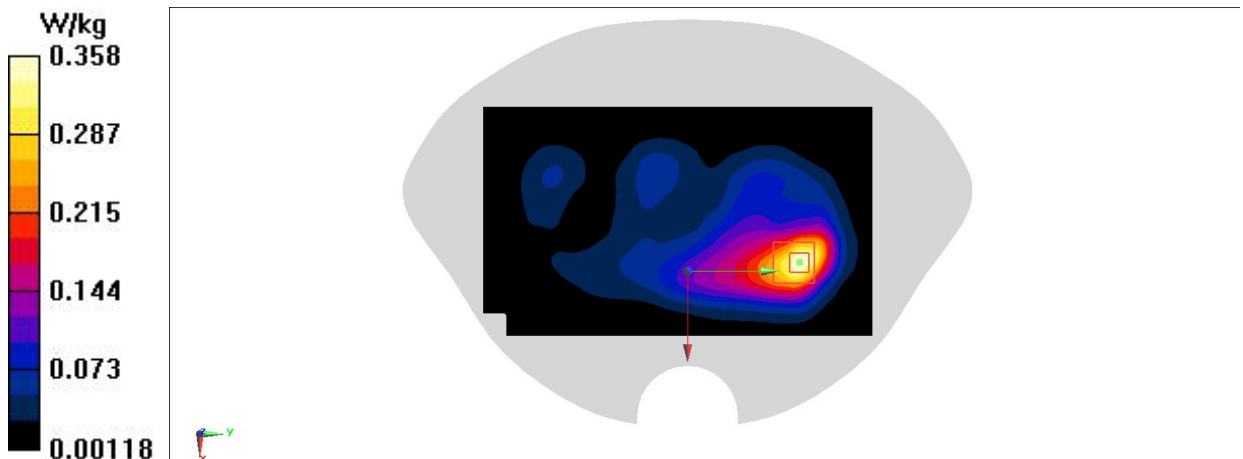


Fig A.69