Table 6.2.4.3-1: Additional Maximum Power Reduction (A-MPR) / Spectrum Emission requirements

Network Signaling value	Requirements (sub-clause)	E-UTRA Band	Channel bandwidth (MHz)	Resources Blocks (N_{RB})	A-MPR (dB)
NS_01	6.6.2.1.1	Table 5.2-1	1.4,3,5,10,15,20	Table 5.4.2-1	N/A
NS_03	6.6.2.2.3.1	2,4,10, 23, 25,35,36	3	>5	≤ 1
			5	>6	≤ 1
			10	>6	≤ 1
			15	>8	≤ 1
			20	>10	≤ 1
NS_04	6.6.2.2.3.2	41	5	>6	≤1
			10, 15, 20	Table 6.2.4.3-4	
NS_05	6.6.3.3.3.1	1	10,15,20	≥ 50	≤ 1
NS_06	6.6.2.2.3.3	12, 13, 14, 17	1.4, 3, 5, 10	Table 5.4.2-1	N/A
NS_07	6.6.2.2.3.3 6.6.3.3.3.2	13	10	Table 6.2.4.3-2	Table 6.2.4.3-2
NS_08	6.6.3.3.3.3	19	10, 15	> 44	≤ 3
NS_09	6.6.3.3.3.4	21	10, 15	> 40	≤ 1
				> 55	≤ 2
NS_10		20	15, 20	Table 6.2.4.3-3	Table 6.2.4.3-3
NS_11	6.6.2.2.1 6.6.3.3.13	231	1.4, 3, 5, 10,15,20	Table 6.2.4.3-5	Table 6.2.4.3-5
NS_12	6.6.3.3.5	26	1.4, 3, 5	Table 6.2.4.3-6	Table 6.2.4.3-6
NS_13	6.6.3.3.6	26	5	Table 6.2.4.3-7	Table 6.2.4.3-7
NS_14	6.6.3.3.7	26	10, 15	Table 6.2.4.3-8	Table 6.2.4.3-8
NS_15	6.6.3.3.8	26	1.4, 3, 5, 10, 15	Table 6.2.4.3-9 Table 6.2.4.3-10	Table 6.2.4.3-9, Table 6.2.4.3-10
NS_16	6.6.3.3.9	27	3, 5, 10	Table 6.2.4.3-11, Table 6.2.4.3-12, Table 6.2.4.3-13	
NS_17	6.6.3.3.10 6.6.3.3.11	28 28	5, 10	Table 5.4.2-1	N/A
			5	≥ 2	≤ 1
NS_18			10, 15, 20	≥ 1	≤ 4
NS_19			10, 15, 20	Table 6.2.4.3-15	Table 6.2.4.3-15
NS_20			5, 10, 15, 20	Table 6.2.4.3-14	Table 6.2.4.3-14
…					
NS_20	-	-	-	-	-

13. TEST RESULTS

13.1. SAR Test Results Summary

13.1.1. Test position and configuration

Body-worn and 4 Edges SAR was performed with the device 0mm from the phantom.

13.1.2. Operation Mode

1. Per KDB 447498 D01 v06 ,for each exposure position, if the highest 1-g SAR is ≤ 0.8 W/kg, testing for low and high channel is optional.
2. Per KDB 865664 D01 v01r04,for each frequency band, if the measured SAR is ≥0.8W/kg, testing for repeated SAR measurement is required , that the highest measured SAR is only to be tested. When the SAR results are near the limit, the following procedures are required for each device to verify these types of SAR measurement related variation concerns by repeating the highest measured SAR configuration in each frequency band.
   (1) When the original highest measured SAR is ≥0.8W/kg, repeat that measurement once.
   (2) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is >1.20 or when the original or repeated measurement is ≥1.45 W/kg.
   (3) Perform a third repeated measurement only if the original, first and second repeated measurement is ≥1.5 W/kg and ratio of largest to smallest SAR for the original, first and second measurement is ≥ 1.20.
3. Body-worn exposure conditions are intended to voice call operations, therefore GSM voice call mode is selected to be test.
4. Maximum Scaling SAR in order to calculate the Maximum SAR values to test under the standard Peak Power, Calculation method is as follows:
   Maximum Scaling SAR =tested SAR (Max.) ×[maximum turn-up power (mw)/ maximum measurement output power(mw)]
5. Proximity sensor, just for avoiding the wrong operation in the phone screen when call, and has no influence on output power or SAR result
6. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1RB allocation using the RB offset and required test channel combination with highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
7. Per KDB 941125 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
8. Per KDB 941125 D05v02r05. For QPSK with 100% RB allocation. SAR is not required when the highest maximum output power for 100% RB allocation is less than the highest maximum output power in 50% and 1RB allocation and the highest reported SAR is >1.45 W/kg, the remaining required test channels must also be tested.
9. Per KDB 941125 D05v02r05. 16QAM output power for each RB allocation configuration is not 1/2 dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ≤1.45W/kg, Per KDB 941225 D05v02r05, 16QAM SAR testing is not required.

10. Per KDB 941125 D05v02r05. Smaller bandwidth output power for each RB allocation configuration is >not 1/2 dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤1.45W/kg. Per KDB 941125 D05v02r05, smaller bandwidth SAR testing is not required.

13.1.3. Test Result

SAR MEASUREMENT									
Depth of Liquid (cm):>15			Relative Humidity (%): 51.7						
Product: FastHelp Home Emergency Alert Device-V4-4G									
Test Mode: GSM850 with GMSK modulation									
Position	**Mode**	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
SIM 1 Card									
Body back	voice	128	824.2	0.18	0.943	31.70	31.44	**1.001**	1.6
Body back	voice	190	836.6	0.04	0.904	31.70	31.39	0.971	1.6
Body back	voice	251	848.8	-0.27	**0.945**	31.70	31.63	0.960	1.6
Body front	voice	190	836.6	-0.13	0.548	31.70	31.39	0.589	1.6
Edge 1 (Top)	voice	190	836.6	-0.06	0.486	31.70	31.39	0.522	1.6
Edge 2(Right)	voice	190	836.6	0.25	0.201	31.70	31.39	0.216	1.6
Edge 3(Bottom)	voice	190	836.6	/	<0.001	31.70	31.39	<0.001 #	1.6
Edge 4(Left)	voice	190	836.6	0.20	0.575	31.70	31.39	0.618	1.6

Note:
· When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
·The test separation for body back, body front and 4 Edges is 0mm of all above table.
·Due the antenna location and antenna performance results much lower SAR result ,and lower than the lowest system limit, then we show “<0.001W/Kg” in the report.

SAR MEASUREMENT									
Depth of Liquid (cm):>15				Relative Humidity (%): 57.3					
Product: FastHelp Home Emergency Alert Device-V4-4G									
Test Mode: PCS1900 with GMSK modulation									
Position	**Mode**	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tune-up Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
SIM 1 Card									
Body back	voice	661	1880.0	0.24	**0.630**	30.00	29.53	**0.702**	1.6
Body front	voice	661	1880.0	-0.10	0.479	30.00	29.53	0.534	1.6
Edge 1 (Top)	voice	661	1880.0	-0.05	0.505	30.00	29.53	0.563	1.6
Edge 2(Right)	voice	661	1880.0	0.36	0.251	30.00	29.53	0.280	1.6
Edge 3(Bottom)	voice	661	1880.0	/	<0.001	30.00	29.53	<0.001 #	1.6
Edge 4(Left)	voice	661	1880.0	-0.27	0.481	30.00	29.53	0.536	1.6

Note:
· When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
·The test separation for body back, body front and 4 Edges is 0mm of all above table.
·Due the antenna location and antenna performance results much lower SAR result ,and lower than the lowest system limit, then we show “<0.001W/Kg” in the report.

SAR MEASUREMENT												
Depth of Liquid (cm):>15					Relative Humidity (%): 51.7							
Product: FastHelp Home Emergency Alert Device-V4-4G												
Test Mode: LTE Band 2												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±5%)	SAR (1g) (W/kg)	Max. Tune up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
5	QPSK	Body back	1	0	18900	1880	0.17	**0.702**	21.00	20.47	**0.793**	1.6
		Body front	1	0	18900	1880	-0.23	0.359	21.00	20.47	0.406	1.6
		Edge 1 (Top)	1	0	18900	1880	-0.24	0.593	21.00	20.47	0.670	1.6
		Edge 2(Right)	1	0	18900	1880	-0.10	0.245	21.00	20.47	0.277	1.6
		Edge 3(Bottom)	1	0	18900	1880	/	<0.001	21.00	20.47	<0.001 #	1.6
		Edge 4(Left)	1	0	18900	1880	0.12	0.547	21.00	20.47	0.618	1.6

Note:
· When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
·The test separation for body back, body front and 4 Edges is 0mm of all above table.
·Due the antenna location and antenna performance results much lower SAR result ,and lower than the lowest system limit, then we show “<0.001W/Kg” in the report.

SAR MEASUREMENT												
Depth of Liquid (cm):>15				Relative Humidity (%): 58.9								
Product: FastHelp Home Emergency Alert Device-V4-4G												
Test Mode: LTE Band 4												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±5%)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
5	QPSK	Body back	1	0	19975	1712.5	-0.24	1.136	19.30	18.20	**1.463**	1.6
		Body back	1	0	20175	1732.5	-0.15	1.142	19.30	19.26	1.153	1.6
		Body back	1	0	20375	1752.5	0.20	**1.148**	19.30	18.83	1.279	1.6
		Body front	1	0	20175	1732.5	-0.32	0.679	19.30	19.26	0.685	1.6
		Edge 1 (Top)	1	0	20175	1732.5	-0.26	0.481	19.30	19.26	0.485	1.6
		Edge 2(Right)	1	0	20175	1732.5	0.52	0.226	19.30	19.26	0.228	1.6
		Edge 3(Bottom)	1	0	20175	1732.5	/	<0.001	19.30	19.26	<0.001 #	1.6
		Edge 4(Left)	1	0	20175	1732.5	-0.10	0.353	19.30	19.26	0.356	1.6

Note:
· When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
·The test separation for body back, body front and 4 Edges is 0mm of all above table.
·Due the antenna location and antenna performance results much lower SAR result ,and lower than the lowest system limit, then we show “<0.001W/Kg” in the report.

SAR MEASUREMENT												
Depth of Liquid (cm):>15				Relative Humidity (%): 54.6								
Product: FastHelp Home Emergency Alert Device-V4-4G												
Test Mode: LTE Band 5												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±5%)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
5	QPSK	Body back	1	0	20525	836.5	-0.27	**0.467**	23.40	23.29	**0.479**	1.6
		Body front	1	0	20525	836.5	0.14	0.292	23.40	23.29	0.299	1.6
		Edge 1 (Top)	1	0	20525	836.5	-0.05	0.190	23.40	23.29	0.195	1.6
		Edge 2(Right)	1	0	20525	836.5	0.26	0.172	23.40	23.29	0.176	1.6
		Edge 3(Bottom)	1	0	20525	836.5	/	<0.001	23.40	23.29	<0.001 #	1.6
		Edge 4(Left)	1	0	20525	836.5	-0.32	0.256	23.40	23.29	0.263	1.6

Note:
· When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
·The test separation for body back, body front and 4 Edges is 0mm of all above table.
·Due the antenna location and antenna performance results much lower SAR result ,and lower than the lowest system limit, then we show “<0.001W/Kg” in the report.

SAR MEASUREMENT												
Depth of Liquid (cm):>15				Relative Humidity (%): 54.3								
Product: FastHelp Home Emergency Alert Device-V4-4G												
Test Mode: LTE Band 12												
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
5	**QPSK**	Body back	1	0	23095	707.5	-0.17	**0.499**	23.00	22.94	**0.506**	1.6
		Body front	1	0	23095	707.5	-0.20	0.223	23.00	22.94	0.226	1.6
		Edge 1 (Top)	1	0	23095	707.5	0.05	0.110	23.00	22.94	0.112	1.6
		Edge 2(Right)	1	0	23095	707.5	-0.23	0.227	23.00	22.94	0.230	1.6
		Edge 3(Bottom)	1	0	23095	707.5	/	<0.001	23.00	22.94	<0.001 #	1.6
		Edge 4(Left)	1	0	23095	707.5	-0.12	0.274	23.00	22.94	0.278	1.6

Note:
· When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
·The test separation for body back, body front and 4 Edges is 0mm of all above table.
·Due the antenna location and antenna performance results much lower SAR result ,and lower than the lowest system limit, then we show “<0.001W/Kg” in the report.

SAR MEASUREMENT												
Depth of Liquid (cm):>15				Relative Humidity (%): 54.3								
Product: FastHelp Home Emergency Alert Device-V4-4G												
Test Mode: LTE Band 13												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±5%)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
5	QPSK	Body back	1	0	23230	782	-0.23	**0.747**	21.70	21.66	**0.754**	1.6
		Body front	1	0	23230	782	-0.14	0.227	21.70	21.66	0.229	1.6
		Edge 1 (Top)	1	0	23230	782	0.22	0.173	21.70	21.66	0.175	1.6
		Edge 2(Right)	1	0	23230	782	-0.17	0.241	21.70	21.66	0.243	1.6
		Edge 3(Bottom)	1	0	23230	782	/	<0.001	21.70	21.66	<0.001 #	1.6
		Edge 4(Left)	1	0	23230	782	-0.33	0.330	21.70	21.66	0.333	1.6

Note:
· When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
·The test separation for body back, body front and 4 Edges is 0mm of all above table.
·Due the antenna location and antenna performance results much lower SAR result ,and lower than the lowest system limit, then we show "<0.001W/Kg" in the report.

SAR MEASUREMENT												
Depth of Liquid (cm):>15				Relative Humidity (%): 54.3								
Product: FastHelp Home Emergency Alert Device-V4-4G												
Test Mode: LTE Band 17												
BM MHz	**MOD**	**Position**	**Test Mode**		**Ch.**	**Freq. (MHz)**	**Power Drift (<±5%)**	**SAR (1g) (W/kg)**	**Max. Tuneup Power (dBm)**	**Meas. output Power (dBm)**	**Scaled SAR (W/kg)**	**Limit (W/kg)**
			UL RB Allocation	**UL RB START**								
5	**QPSK**	Body back	1	0	23790	710	-0.24	**0.497**	22.85	20.95	**0.770**	1.6
		Body front	1	0	23790	710	0.05	0.216	22.85	20.95	0.335	1.6
		Edge 1 (Top)	1	0	23790	710	-0.32	0.183	22.85	20.95	0.283	1.6
		Edge 2(Right)	1	0	23790	710	-0.05	0.246	22.85	20.95	0.381	1.6
		Edge 3(Bottom)	1	0	23790	710	/	<0.001	22.85	20.95	<0.001 #	1.6
		Edge 3(Bottom)	1	0	23790	710	0.21	0.350	22.85	20.95	0.542	1.6

Note:
· When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
·The test separation for body back, body front and 4 Edges is 0mm of all above table.
·Due the antenna location and antenna performance results much lower SAR result ,and lower than the lowest system limit, then we show “<0.001W/Kg” in the report.

SAR MEASUREMENT												
Depth of Liquid (cm):>15				Relative Humidity (%): 51.7								
Product: LTE smartphone												
Test Mode: LTE Band 25												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±5%)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
5	QPSK	Body back	1	0	26365	1882.5	-0.18	**0.697**	21.10	20.60	**0.782**	1.6
		Body front	1	0	26365	1882.5	-0.24	0.330	21.10	20.60	0.370	1.6
		Edge 1 (Top)	1	0	26365	1882.5	0.13	0.251	21.10	20.60	0.282	1.6
		Edge 2(Right)	1	0	26365	1882.5	-0.26	0.129	21.10	20.60	0.145	1.6
		Edge 3(Bottom)	1	0	26365	1882.5	/	<0.001	21.10	20.60	<0.001 #	1.6
		Edge 4(Left)	1	0	26365	1882.5	-0.52	0.189	21.10	20.60	0.212	1.6

Note:
· When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
·The test separation for body back, body front and 4 Edges is 0mm of all above table.
·Due the antenna location and antenna performance results much lower SAR result ,and lower than the lowest system limit, then we show "<0.001W/Kg" in the report.

SAR MEASUREMENT												
Depth of Liquid (cm):>15				Relative Humidity (%): 59.1								
Product: FastHelp Home Emergency Alert Device-V4-4G												
Test Mode: LTE Band 38												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±5%)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
5	QPSK	Body back	1	0	37775	2572.5	-0.11	1.082	21.90	21.82	1.102	1.6
		Body back	1	0	38000	2595	0.28	**1.135**	21.90	20.79	**1.466**	1.6
		Body back	1	0	38225	2617.5	0.24	1.122	21.90	21.17	1.327	1.6
		Body front	1	0	38000	2595	-0.13	0.555	21.90	20.79	0.717	1.6
		Edge 1 (Top)	1	0	38000	2595	-0.04	0.726	21.90	20.79	0.937	1.6
		Edge 2(Right)	1	0	38000	2595	0.27	0.023	21.90	20.79	0.030	1.6
		Edge 3(Bottom)	1	0	38000	2595	/	<0.001	21.90	20.79	<0.001 #	1.6
		Edge 4(Left)	1	0	38000	2595	-0.10	0.498	21.90	20.79	0.643	1.6

Note:
· When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
·The test separation for body back, body front and 4 Edges is 0mm of all above table.
·Due the antenna location and antenna performance results much lower SAR result ,and lower than the lowest system limit, then we show “<0.001W/Kg” in the report.

SAR MEASUREMENT												
Depth of Liquid (cm):>15				Relative Humidity (%): 59.1								
Product: FastHelp Home Emergency Alert Device-V4-4G												
Test Mode: LTE Band 41												
BW MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±5%)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
20	QPSK	Body back	1	0	39675	2537.5	-0.21	**0.878**	21.30	20.64	1.022	1.6
		Body back	1	0	40620	2593	-0.05	0.844	21.30	21.16	0.872	1.6
		Body back	1	0	41565	2652.5	-0.24	0.830	21.30	19.62	**1.222**	1.6
		Body front	1	0	40620	2593	0.13	0.583	21.30	21.16	0.602	1.6
		Edge 1 (Top)	1	0	40620	2593	-0.07	0.645	21.30	21.16	0.666	1.6
		Edge 2(Right)	1	0	40620	2593	0.18	0.212	21.30	21.16	0.219	1.6
		Edge 3(Bottom)	1	0	40620	2593	/	<0.001	21.30	21.16	<0.001 #	1.6
		Edge 4(Left)	1	0	40620	2593	-0.26	0.656	21.30	21.16	0.677	1.6

Note:
· When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
·The test separation for body back, body front and 4 Edges is 0mm of all above table
·Due the antenna location and antenna performance results much lower SAR result ,and lower than the lowest system limit, then we show “<0.001W/Kg” in the report.

Repeated SAR										
Product: FastHelp Home Emergency Alert Device-V4-4G										
Test Mode: GSM850& LTE Band 4& LTE Band 38& LTE Band 41										
Position	**Mode**	**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**Once SAR (1g) (W/kg)**	**Power Drift (<±5%)**	**Twice SAR (1g) (W/kg)**	**Power Drift (<±5%)**	**Third SAR (1g) (W/kg)**	**Limit W/kg**
Body back	voice	251	848.8	0.12	0.941	--	--	--	--	1.6

Position	**Mode**		**Ch.**	**Fr. (MHz)**	**Power Drift (<±5%)**	**Once SAR (1g) (W/kg)**	**Power Drift (<±5%)**	**Twice SAR (1g) (W/kg)**	**Power Drift (<±5%)**	**Third SAR (1g) (W/kg)**	**Limit W/kg**
	UL RB Allocation	**UL RB START**									
Body back	1	0	20375	1752.5	-0.15	1.108	--	--	--	--	1.6
Body back	1	0	38000	2595	0.13	1.119	--	--	--	--	1.6
Body back	1	0	39675	2537.5	-0.05	0.873	--	--	--	--	1.6

The second repeated SAR judge reference								
Product: FastHelp Home Emergency Alert Device-V4-4G								
Band	**Position**	**Mode**	**Ch.**	**Fr. (MHz)**	**Orignal SAR (1g) (W/kg)**	**First SAR (1g) (W/kg)**	**Ratio**	**Limit**
GSM850	Body back	voice	251	848.8	0.945	0.941	1.004	<1.2

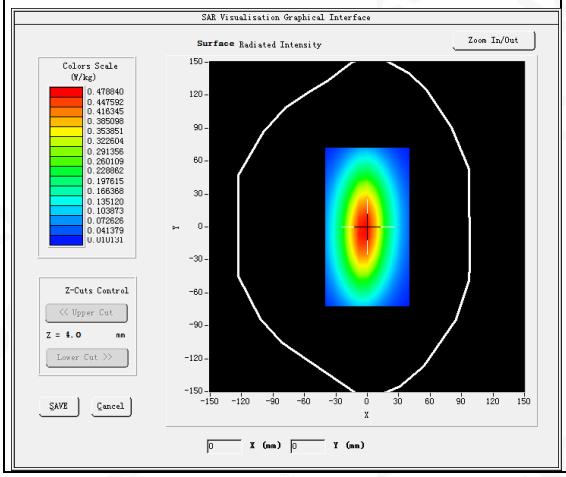
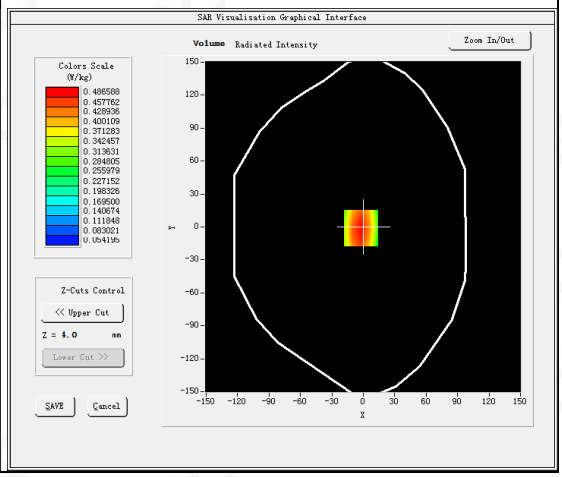
Band	**Position**	**Mode**		**Ch.**	**Fr. (MHz)**	**Orignal SAR (1g) (W/kg)**	**First SAR (1g) (W/kg)**	**Ratio**	**Limit**
		UL RB Allocation	**UL RB START**						
LTE Band 4	Body back	1	0	20375	1752.5	1.148	1.108	1.036	<1.2
LTE Band 38	Body back	1	0	38000	2595	1.135	1.119	1.014	<1.2
LTE Band 41	Body back	1	0	39675	2537.5	0.878	0.873	1.006	<1.2

APPENDIX A. SAR SYSTEM CHECK DATA

Test Laboratory: AGC Lab **Date: Aug. 06,2021**
System Check Head 750 MHz
DUT: Dipole 750 MHz Type: SID 750
Communication System CW; Communication System Band: D750 (750.0 MHz); Duty Cycle: 1:1; Conv.F=5.18
Frequency: 750 MHz; Medium parameters used: f = 750 MHz; σ=0.90 mho/m; εr =42.68; ρ= 1000 kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (℃):21.3, Liquid temperature (℃): 21.0

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

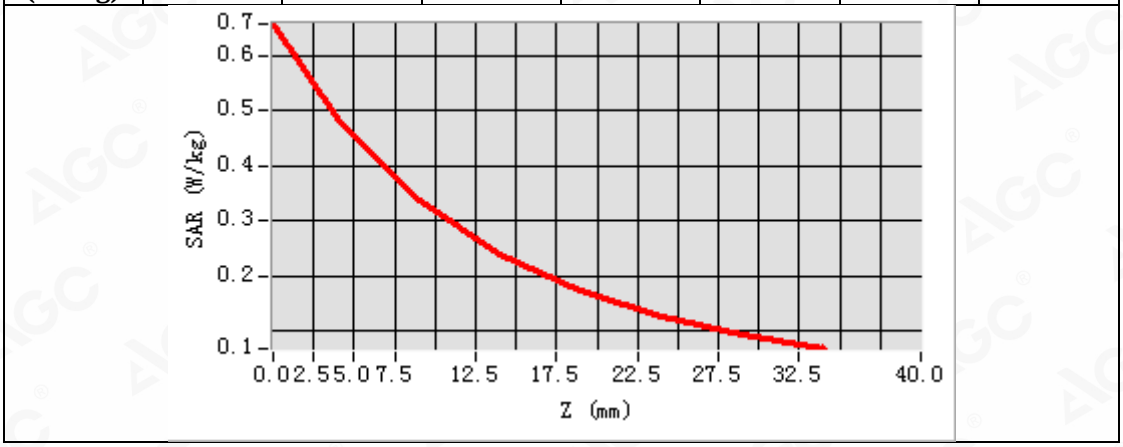
Configuration/System Check 750MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 750MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

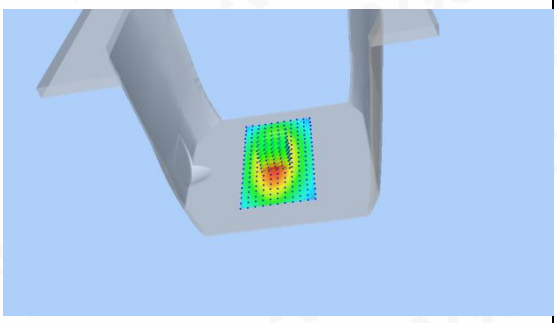
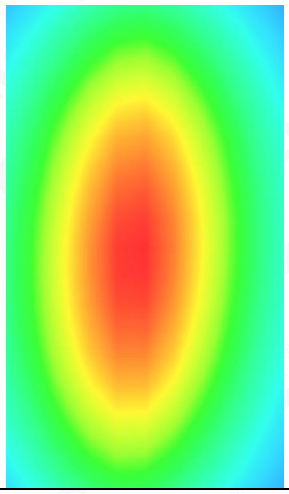
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-2.00, Y=-1.00
SAR Peak: 0.66 W/kg

SAR 10g (W/Kg)	0.325279
SAR 1g (W/Kg)	0.517008

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6581	0.4866	0.3370	0.2391	0.1728	0.1259	0.0928

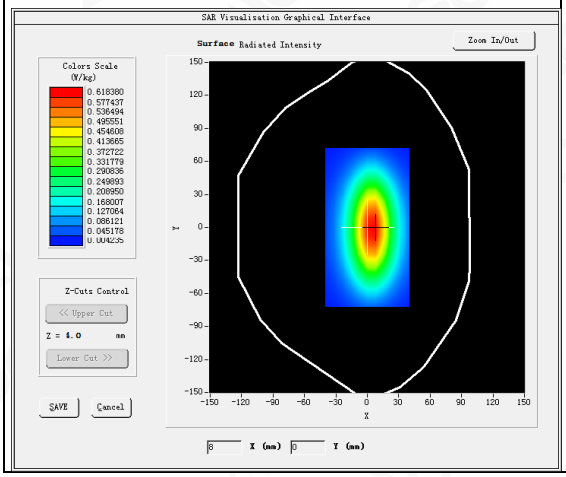
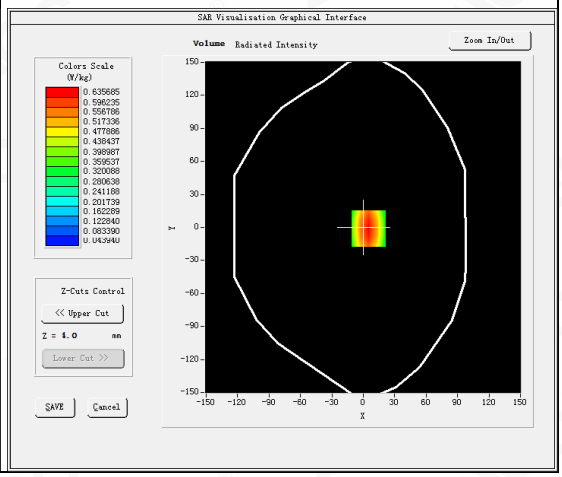


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Jul. 24,2021**
System Check Head 835 MHz
DUT: Dipole 835 MHz Type: SID 835
Communication System CW; Communication System Band: D835 (835.0 MHz); Duty Cycle: 1:1; Conv.F=5.24
Frequency: 835 MHz; Medium parameters used: f = 835 MHz; σ=0.91 mho/m; εr =42.37; ρ= 1000 kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (℃):21.4, Liquid temperature (℃): 21.2

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

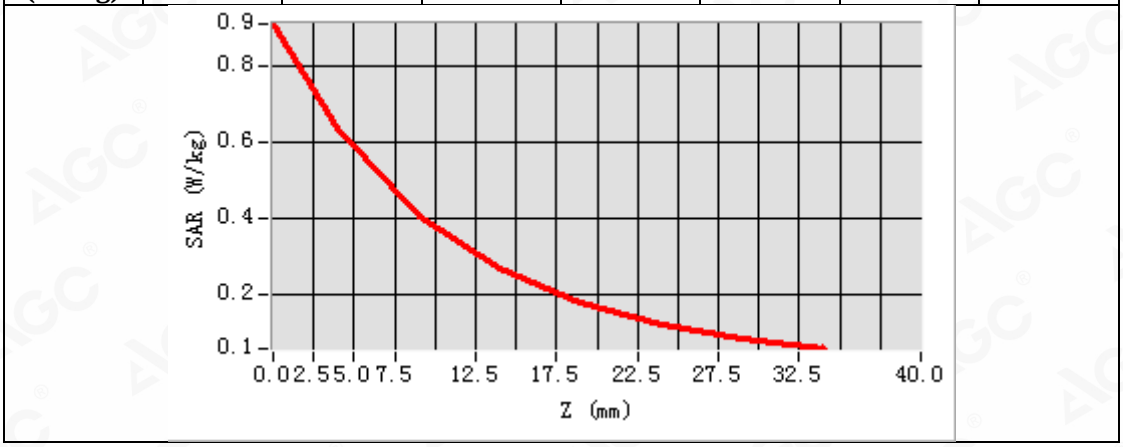
Configuration/System Check 835MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 835MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

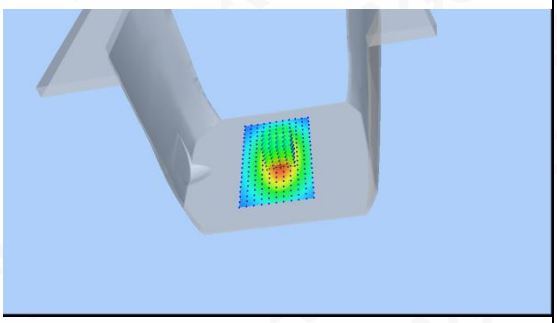
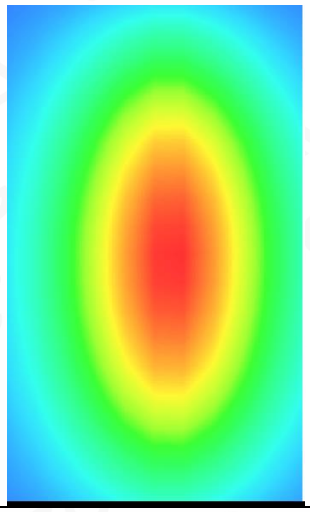
SURFACE SAR	VOLUME SAR
	

Maximum location: X=5.00, Y=-1.00
SAR Peak: 0.90 W/kg

SAR 10g (W/Kg)	0.389287
SAR 1g (W/Kg)	0.613615

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9072	0.6363	0.4085	0.2715	0.1836	0.1227	0.0869

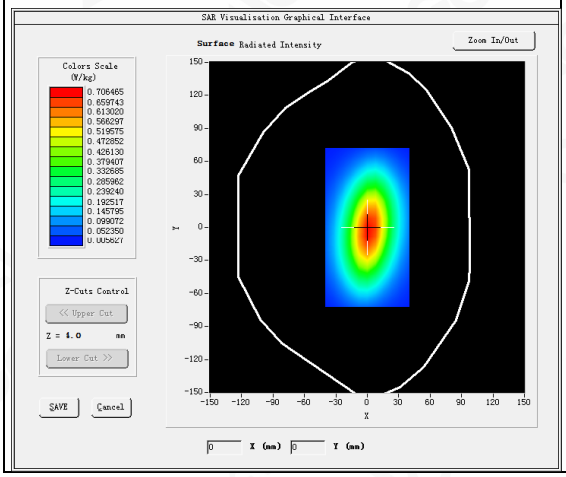
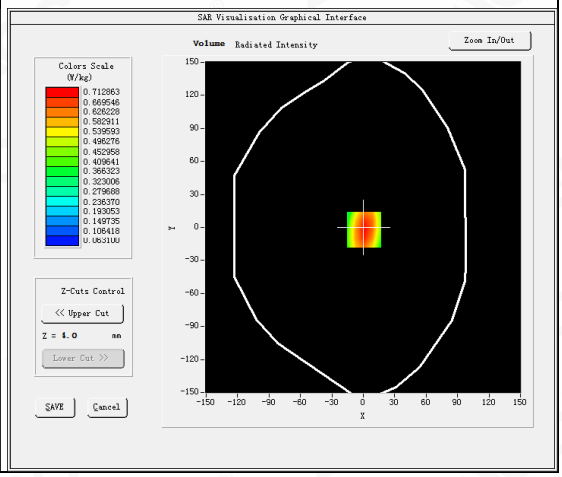


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Aug. 02,2021**
System Check Head 835 MHz
DUT: Dipole 835 MHz Type: SID 835
Communication System CW; Communication System Band: D835 (835.0 MHz); Duty Cycle: 1:1; Conv.F=5.24
Frequency: 835 MHz; Medium parameters used: f = 835 MHz; σ=0.89 mho/m; εr =40.61; ρ= 1000 kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (℃):21.3, Liquid temperature (℃): 21.1

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

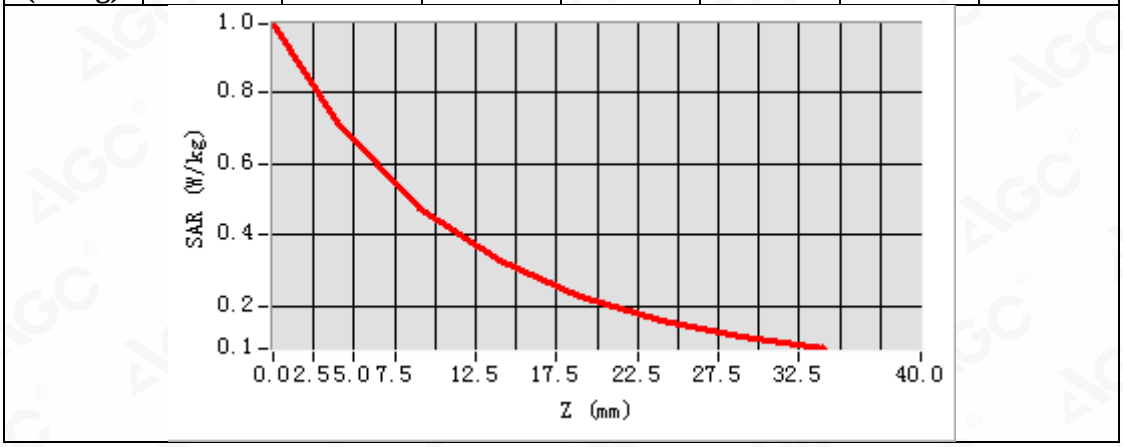
Configuration/System Check 835MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 835MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

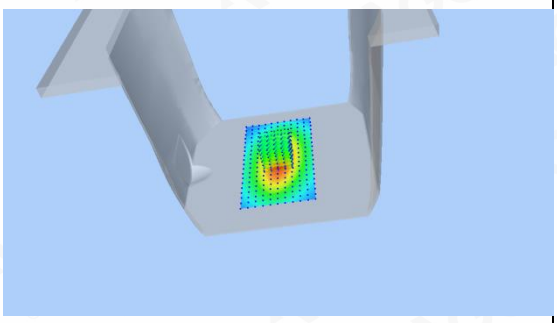
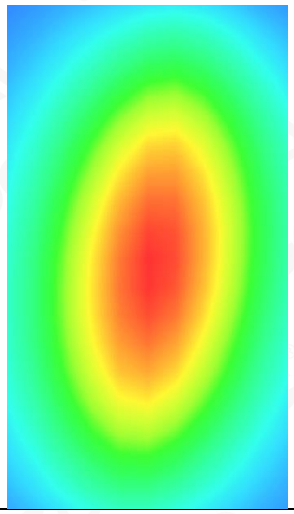
SURFACE SAR	VOLUME SAR
	

Maximum location: X=1.00, Y=-2.00
SAR Peak: 0.99 W/kg

SAR 10g (W/Kg)	0.385483
SAR 1g (W/Kg)	0.623841

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9892	0.7129	0.4772	0.3293	0.2308	0.1635	0.1168

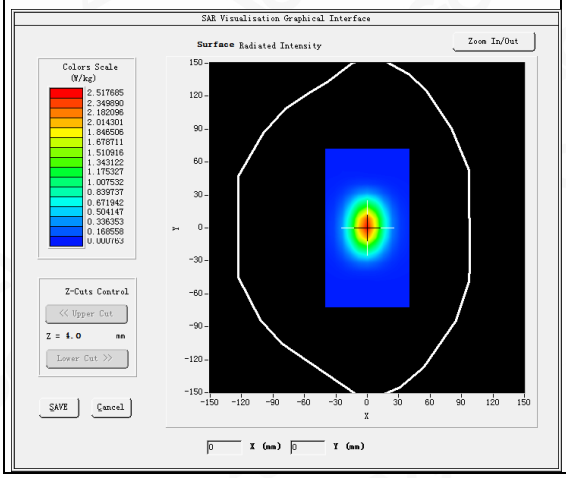
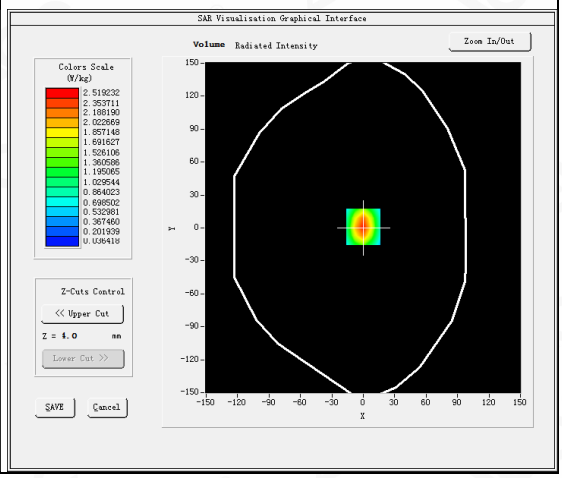


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Aug. 04,2021**
System Check Head 1750MHz
DUT: Dipole 1800 MHz; Type: SID 1800
Communication System: CW; Communication System Band: D1700 (1750.0 MHz); Duty Cycle:1:1; Conv.F=4.56
Frequency: 1750 MHz; Medium parameters used: f = 1750MHz; σ=1.42 mho/m; εr =40.37; ρ= 1000 kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (℃): 21.7, Liquid temperature (℃): 21.5

SATIMO Configuration:
Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

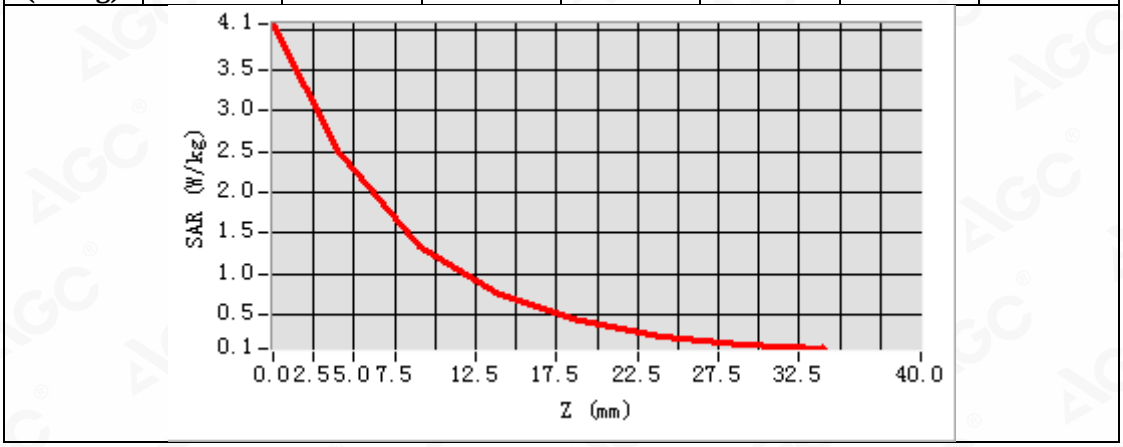
Configuration/System Check 1750MHz Head/Area Scan: Measurement grid: dx=8mm,dy=8mm
Configuration/System Check 1750MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

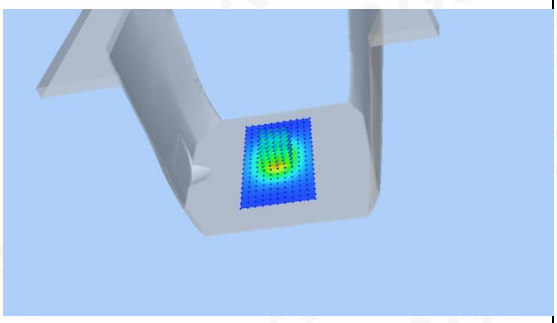
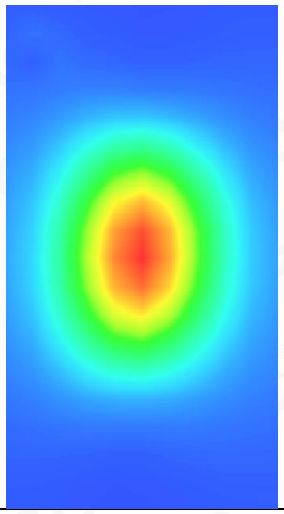
SURFACE SAR	VOLUME SAR
	

Maximum location: X=0.00, Y=1.00
SAR Peak: 4.04 W/kg

SAR 10g (W/Kg)	1.214385
SAR 1g (W/Kg)	2.341278

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	4.0718	2.5172	1.3463	0.7457	0.4168	0.2341	0.1372

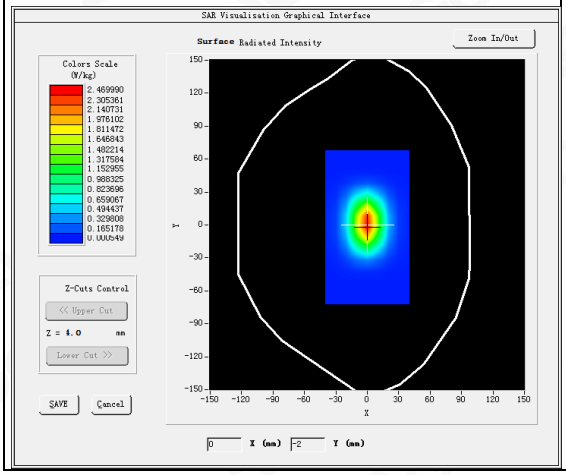
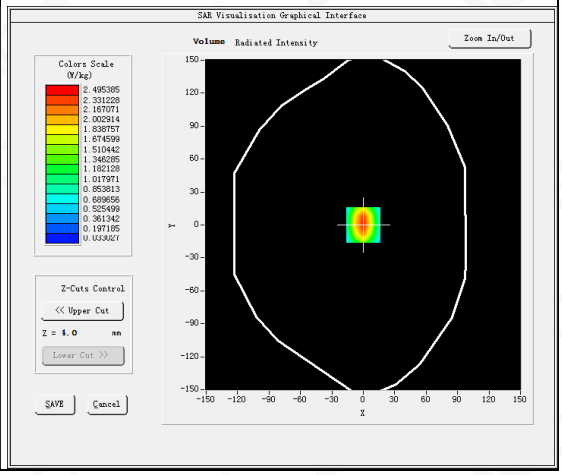


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Jul. 25,2021**
System Check Head 1900MHz
DUT: Dipole 1900 MHz; Type: SID 1900
Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=4.48
Frequency: 1900 MHz; Medium parameters used: f = 1800 MHz; σ=1.41 mho/m; εr =40.81; ρ= 1000 kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (℃):21.1, Liquid temperature (℃): 20.8

SATIMO Configuration:
Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

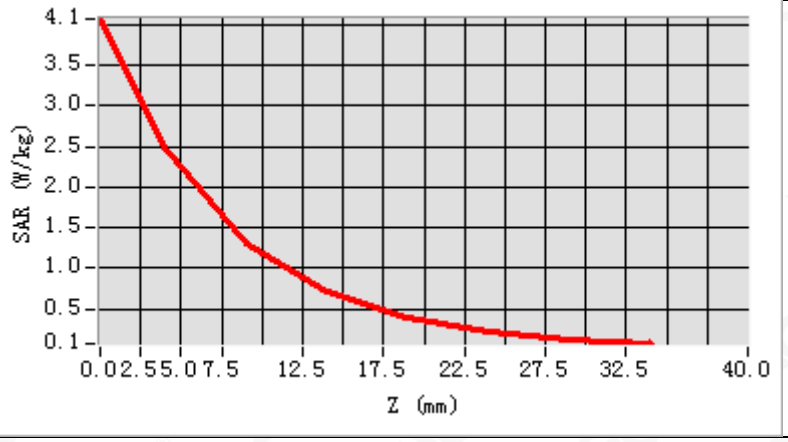
Configuration/System Check 1900MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 1900MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

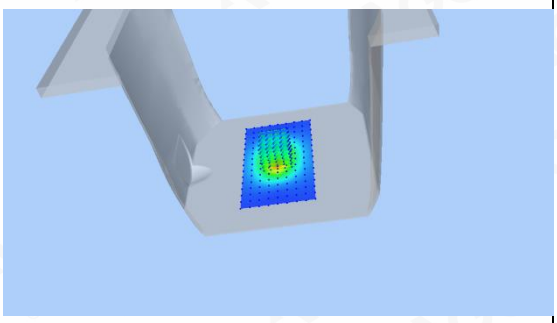
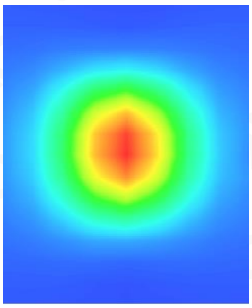
SURFACE SAR	VOLUME SAR
	

Maximum location: X=0.00, Y=0.00
SAR Peak: 4.06 W/kg

SAR 10g (W/Kg)	1.213863
SAR 1g (W/Kg)	2.362475

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	4.0652	2.4963	1.3141	0.7272	0.4042	0.2274	0.1338

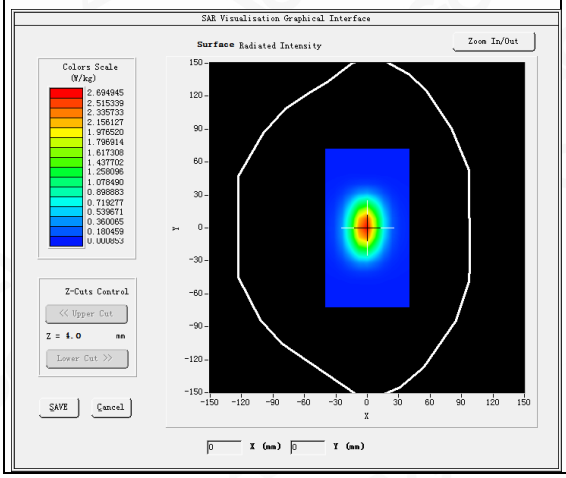
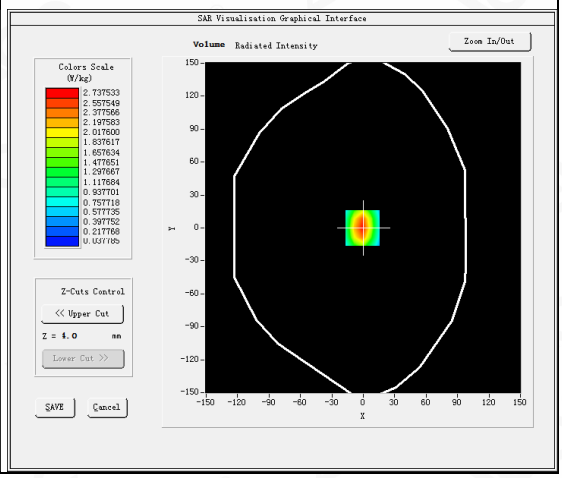


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Aug. 03,2021**
System Check Head 1900MHz
DUT: Dipole 1900 MHz; Type: SID 1900
Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=4.48
Frequency: 1900 MHz; Medium parameters used: f = 1800 MHz; σ=1.41 mho/m; εr =39.51; ρ= 1000 kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (℃):22.0, Liquid temperature (℃): 21.8

SATIMO Configuration:
Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

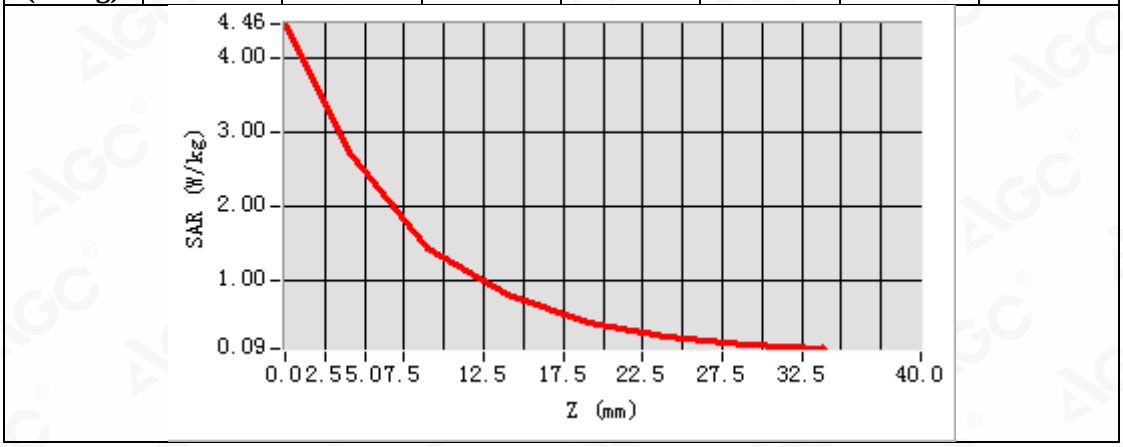
Configuration/System Check 1900MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 1900MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

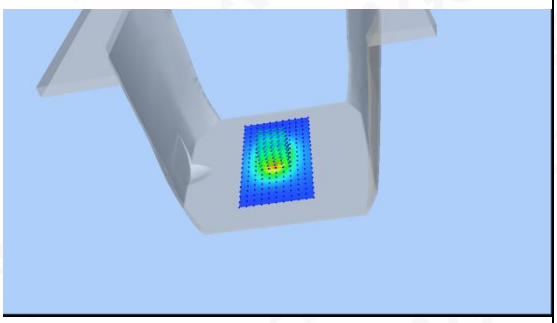
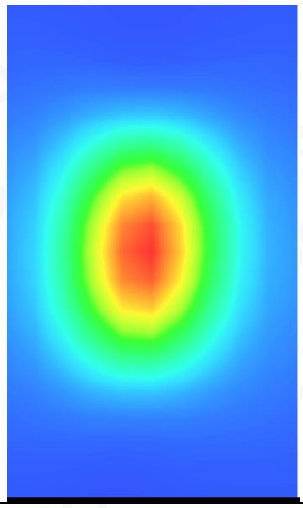
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-1.00, Y=0.00
SAR Peak: 4.45 W/kg

SAR 10g (W/Kg)	1.283541
SAR 1g (W/Kg)	2.565247

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	4.4572	2.7368	1.4405	0.8017	0.4436	0.2541	0.1457

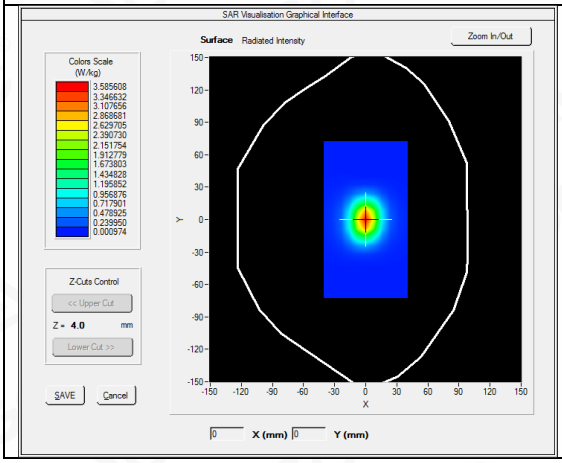
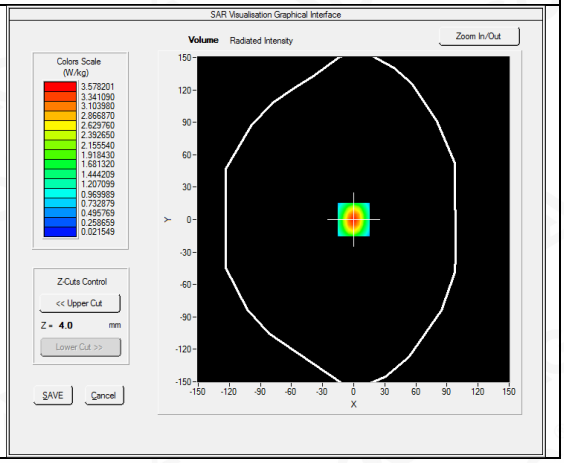


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Jul. 28,2021**
System Check Head 2600MHz
DUT: Dipole 2600 MHz; Type: SID 2600
Communication System: CW; Communication System Band: D2600 (2600.0 MHz); Duty Cycle: 1:1; Conv.F=3.87
Frequency:2600 MHz; Medium parameters used: f = 2600 MHz; σ=1.98 mho/m; εr =39.14; ρ= 1000 kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (℃): 21.6, Liquid temperature (℃): 21.3

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

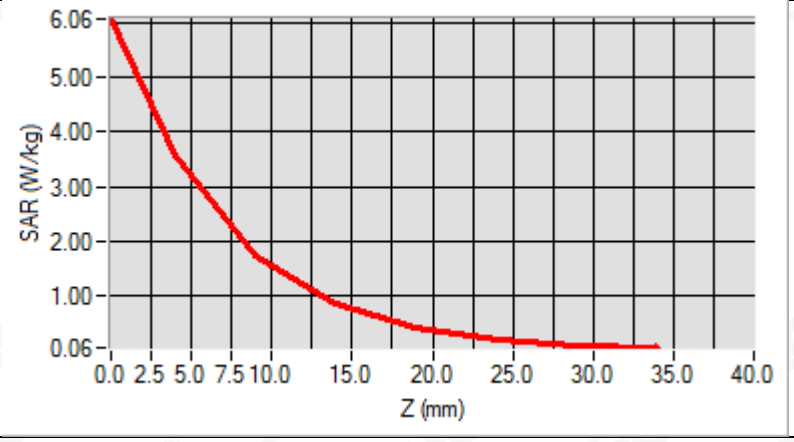
Configuration/System Check 2600 Head/Area Scan: Measurement grid: dx=8mm,dy=8mm
Configuration/System Check 2600 Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

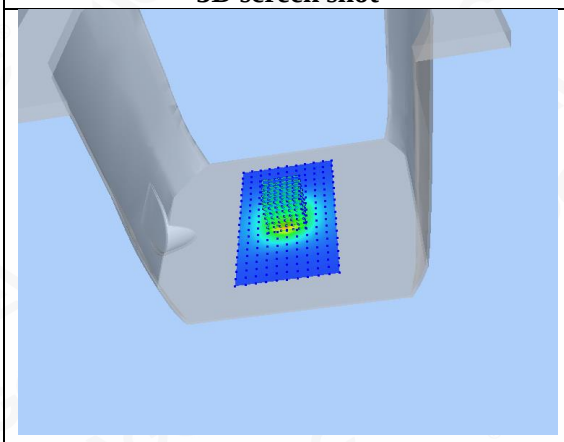
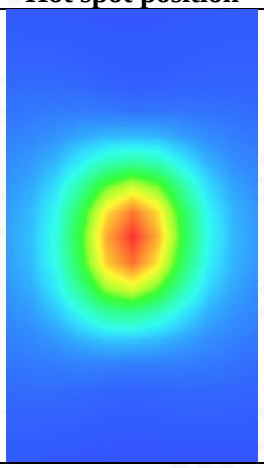
SURFACE SAR	VOLUME SAR
	

Maximum location: X=0.00, Y=0.00
SAR Peak: 5.99 W/kg

SAR 10g (W/Kg)	1.517243
SAR 1g (W/Kg)	3.466754

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.0639	3.5775	1.7472	0.8654	0.4363	0.2218	0.1147



3D screen shot	Hot spot position
	

APPENDIX B. SAR MEASUREMENT DATA

Test Laboratory: AGC Lab **Date: Jul. 24,2021**
GSM 850 High- Body- Back (MS)<SIM 1>
DUT: FastHelp Home Emergency Alert Device-V4-4G; Type: FH-V4-4G

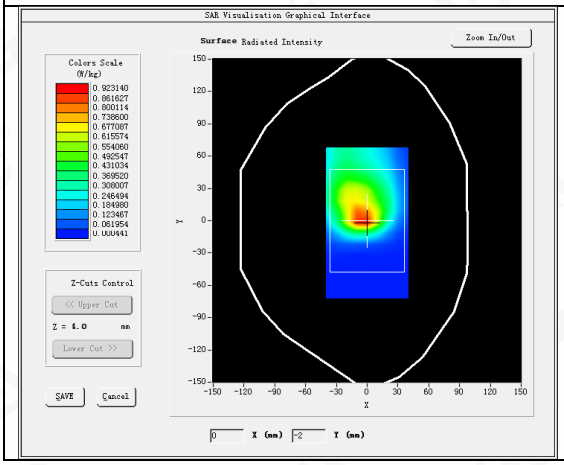
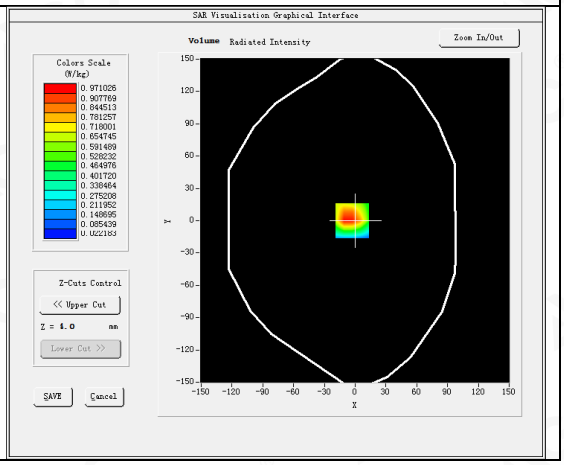
Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=5.24; Frequency: 848.8 MHz; Medium parameters used: f = 835 MHz; σ= 0.96 mho/m; εr = 40.26; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 21.4, Liquid temperature (℃): 21.2

SATIMO Configuration:

- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/GSM 850 High -Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GSM 850 High -Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

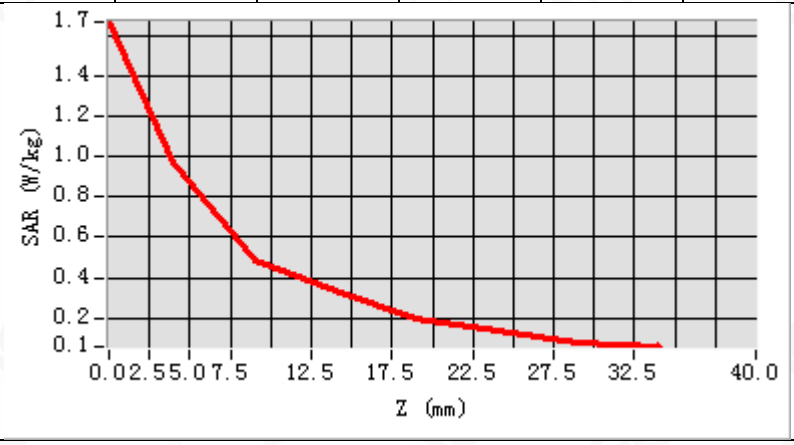
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	GSM 850
Channels	High
Signal	TDMA (Crest factor: 8.0)

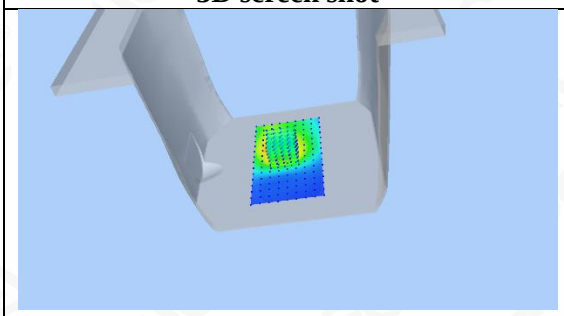
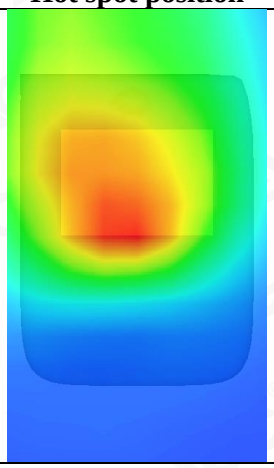
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-3.00, Y=0.00
SAR Peak: 1.57 W/kg

SAR 10g (W/Kg)	0.516109
SAR 1g (W/Kg)	0.944760

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.6670	0.9710	0.4879	0.3401	0.1943	0.1337	0.0782



3D screen shot	Hot spot position
	

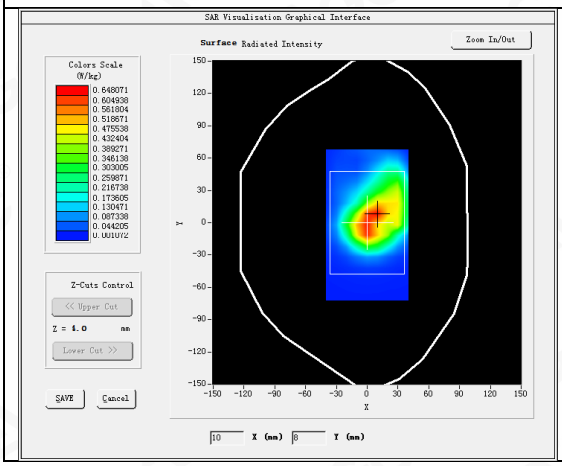
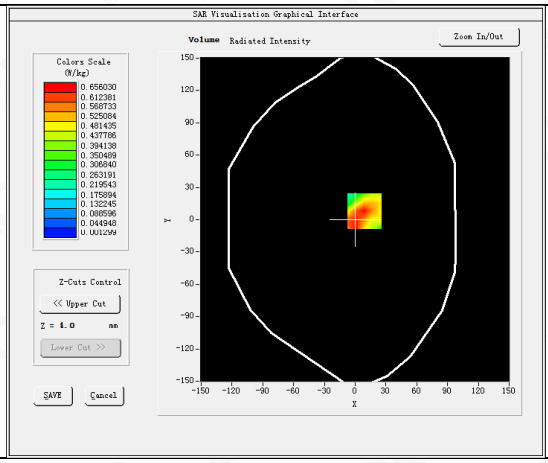
Test Laboratory: AGC Lab **Date: Jul. 25,2021**
PCS 1900 Mid-Body-Back (MS)<SIM 1>
DUT: FastHelp Home Emergency Alert Device-V4-4G; Type: FH-V4-4G

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=4.48; Frequency: 1880 MHz; Medium parameters used: f = 1800 MHz; σ= 1.38 mho/m; εr =41.42; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 21.1, Liquid temperature (℃): 20.8

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/PCS1900 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/PCS1900 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

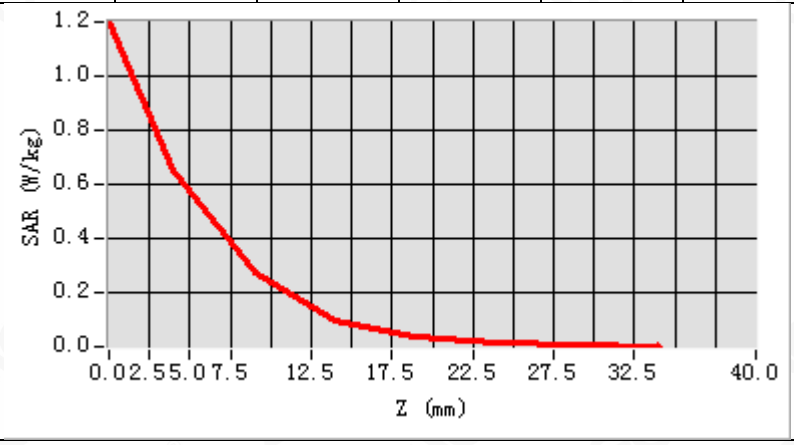
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

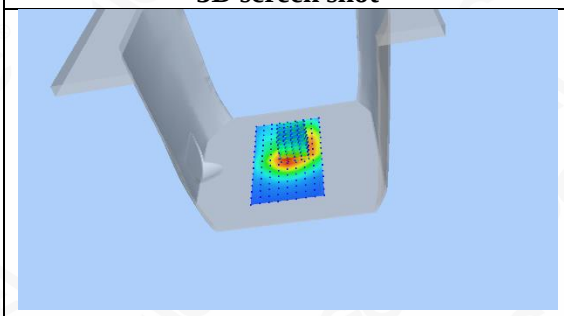
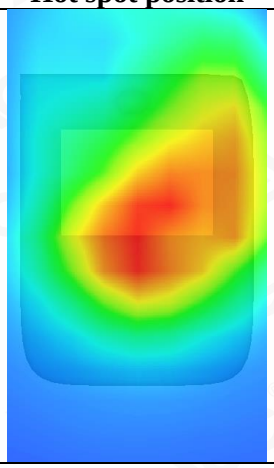
SURFACE SAR	VOLUME SAR
	

Maximum location: X=9.00, Y=8.00
SAR Peak: 1.20 W/kg

SAR 10g (W/Kg)	0.299564
SAR 1g (W/Kg)	0.629653

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.2026	0.6560	0.2742	0.1004	0.0409	0.0157	0.0065



3D screen shot	Hot spot position
	

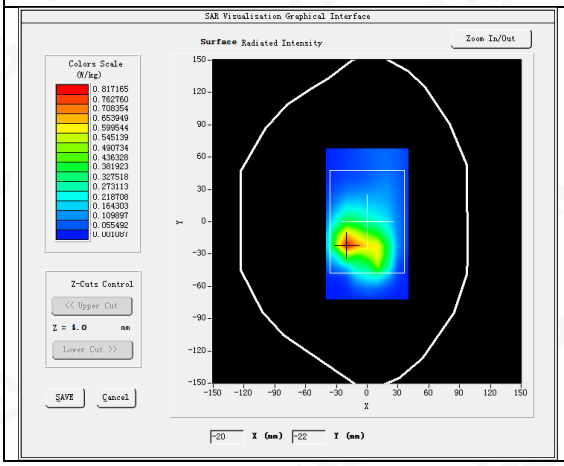
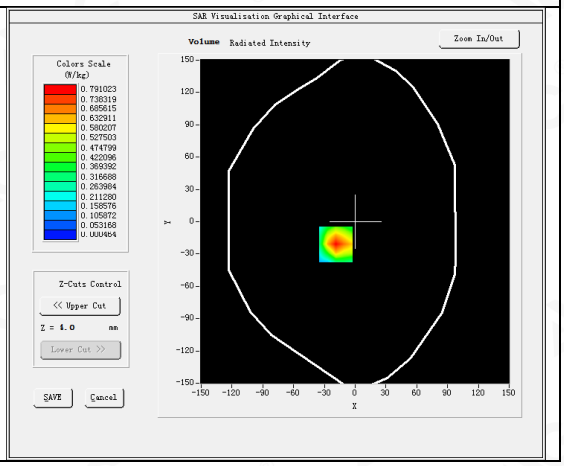
Test Laboratory: AGC Lab **Date: Aug. 03,2021**
LTE Band 2 Mid-Body-Back (1 RB#0)
DUT: FastHelp Home Emergency Alert Device-V4-4G; Type: FH-V4-4G

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=4.48; Frequency:1880MHz; Medium parameters used: f = 1800 MHz; σ= 1.38 mho/m; εr =41.63; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 22.0, Liquid temperature (℃): 21.8

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 2 Mid-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 2 Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

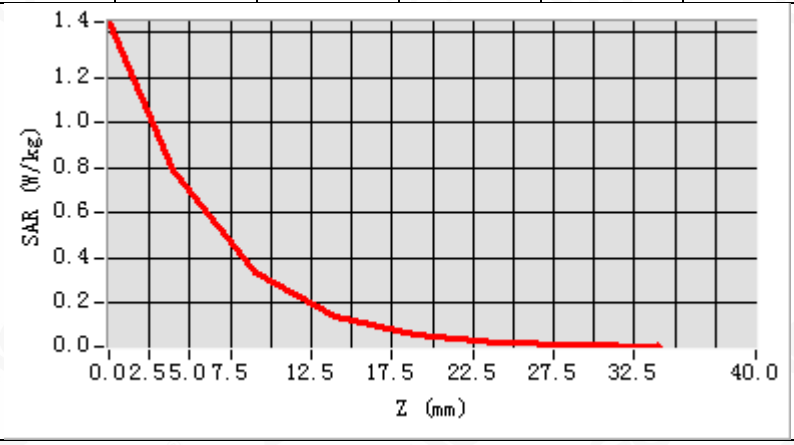
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 2
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

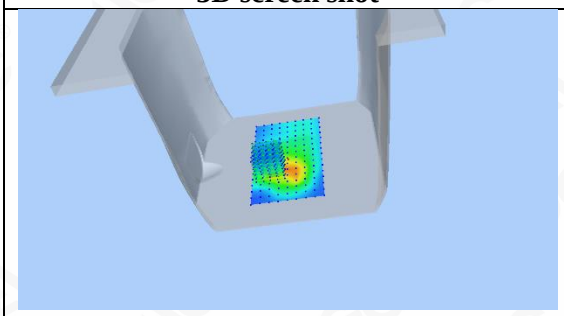
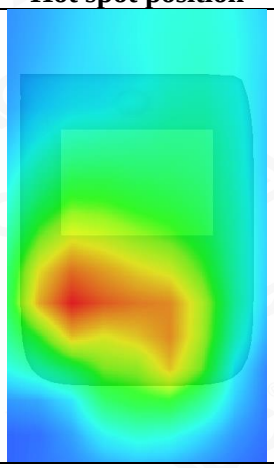
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-19.00, Y=-21.00
SAR Peak: 1.44 W/kg

SAR 10g (W/Kg)	0.338278
SAR 1g (W/Kg)	0.702103

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.4488	0.7910	0.3320	0.1381	0.0567	0.0233	0.0094



3D screen shot	Hot spot position
	

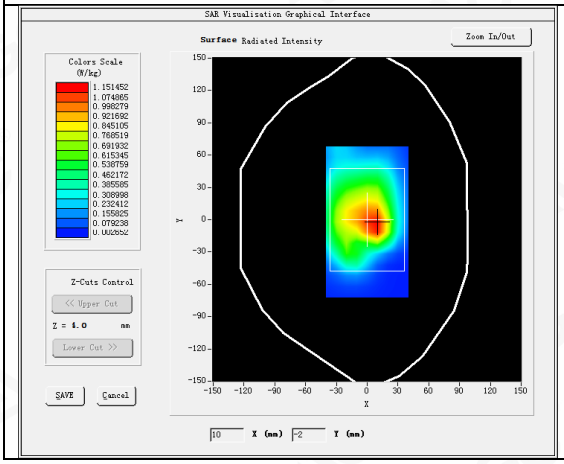
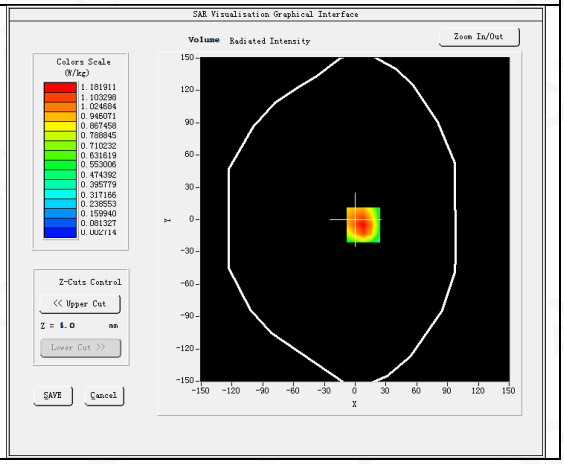
Test Laboratory: AGC Lab **Date: Aug. 04,2021**
LTE Band 4 High-Body-Back (1 RB#0)
DUT: FastHelp Home Emergency Alert Device-V4-4G; Type: FH-V4-4G

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1; Conv.F=4.48; Frequency:1752.5 MHz; Medium parameters used: f = 1800 MHz; σ= 1.38mho/m; εr =39.23; ρ= 1000 kg/m^3 ; Phantom section: Flat Section
Ambient temperature (℃): 21.7, Liquid temperature (℃): 21.5

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 4 High-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 4 High-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

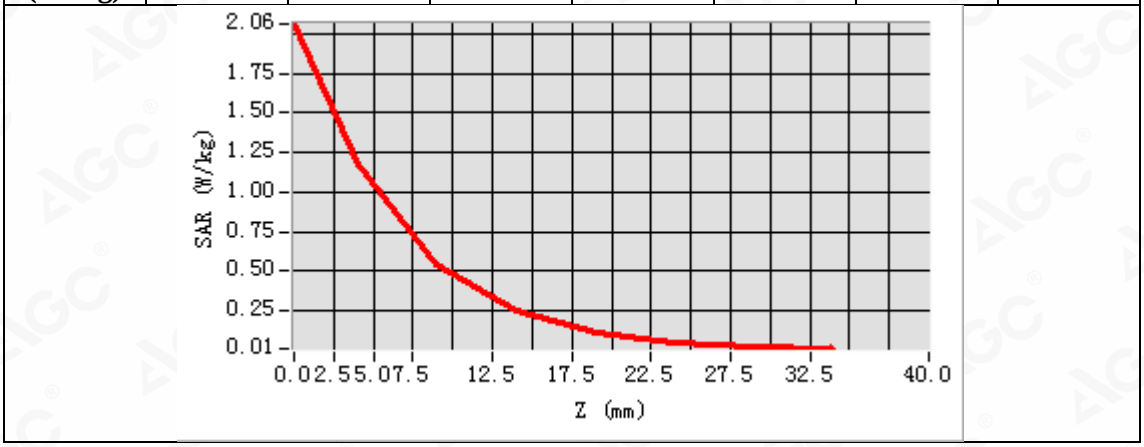
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 4
Channels	High
Signal	OFDM (Crest factor: 1.0)

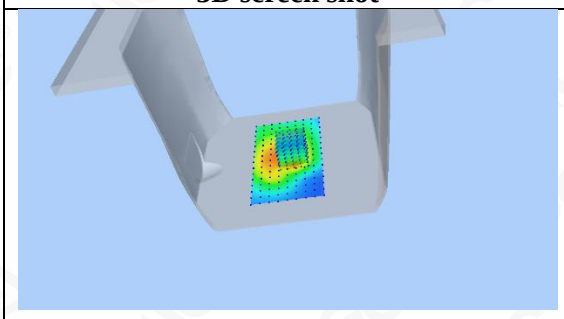
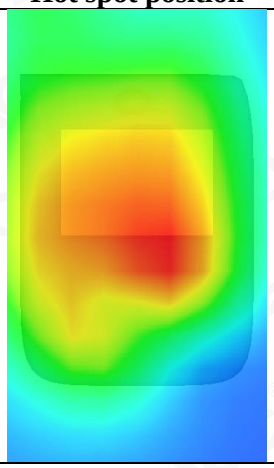
SURFACE SAR	VOLUME SAR
	

Maximum location: X=8.00, Y=-5.00
SAR Peak: 2.11 W/kg

SAR 10g (W/Kg)	0.567973
SAR 1g (W/Kg)	1.148184

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.0634	1.1819	0.5428	0.2501	0.1119	0.0499	0.0221



3D screen shot	Hot spot position
	

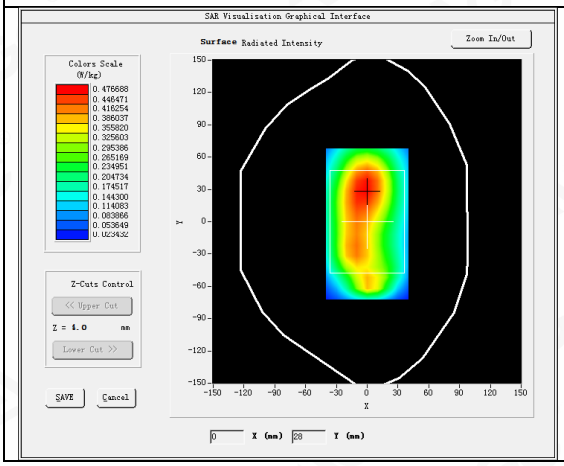
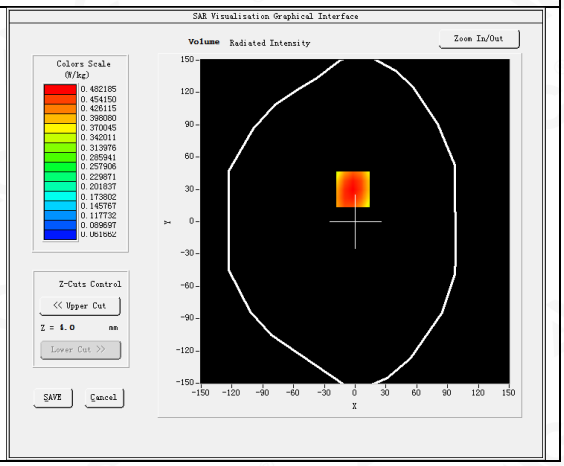
Test Laboratory: AGC Lab **Date: Aug. 02,2021**
LTE Band 5 Mid-Body-Back (1 RB#0)
DUT: FastHelp Home Emergency Alert Device-V4-4G; Type: FH-V4-4G

Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1; Conv.F=5.24
Frequency:836.5 MHz; Medium parameters used: f = 835 MHz; σ=0.92mho/m; εr =39.42; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 21.3, Liquid temperature (℃): 21.1

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 5 Mid-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 5 Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

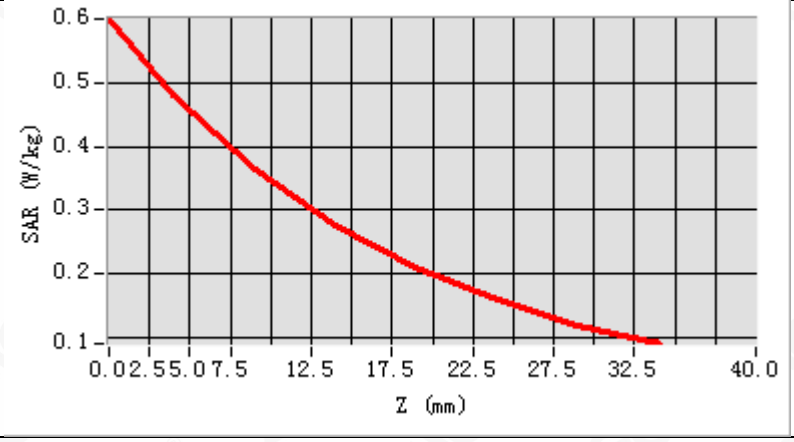
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 5
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

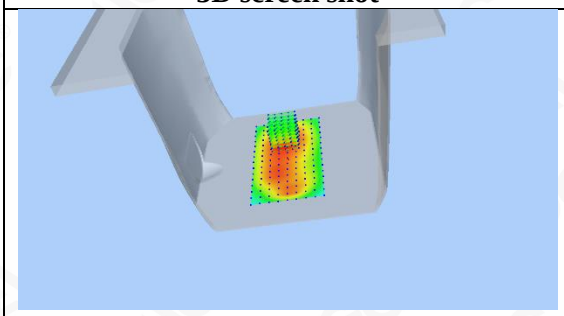
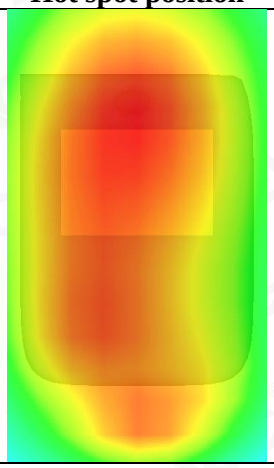
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-2.00, Y=30.00
SAR Peak: 0.61 W/kg

SAR 10g (W/Kg)	0.338731
SAR 1g (W/Kg)	0.467123

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6009	0.4822	0.3658	0.2776	0.2100	0.1589	0.1193



3D screen shot	Hot spot position
	

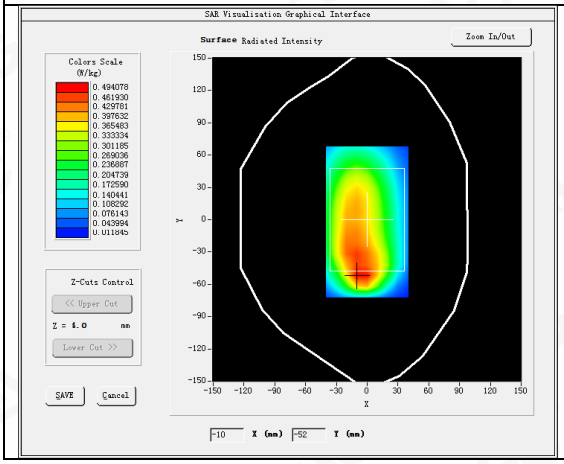
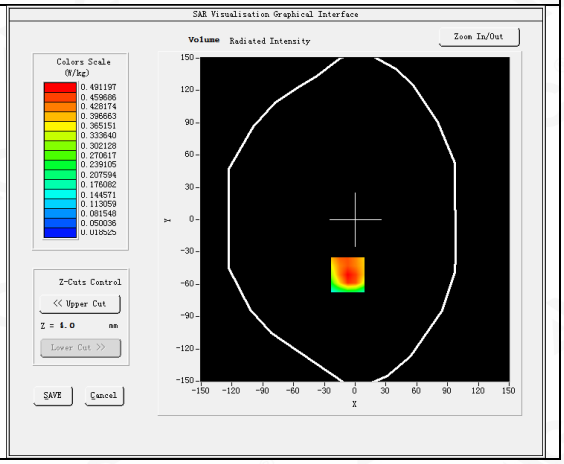
Test Laboratory: AGC Lab **Date: Aug. 06,2021**
LTE Band 12 Mid-Body-Back (1 RB#0)
DUT: FastHelp Home Emergency Alert Device-V4-4G; Type: FH-V4-4G

Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1; Conv.F=5.18;
Frequency: 707.5 MHz; Medium parameters used: f = 750 MHz; σ=0.85 mho/m; εr =44.76; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 21.3, Liquid temperature (℃): 21.0

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 12 Mid-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 12 Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

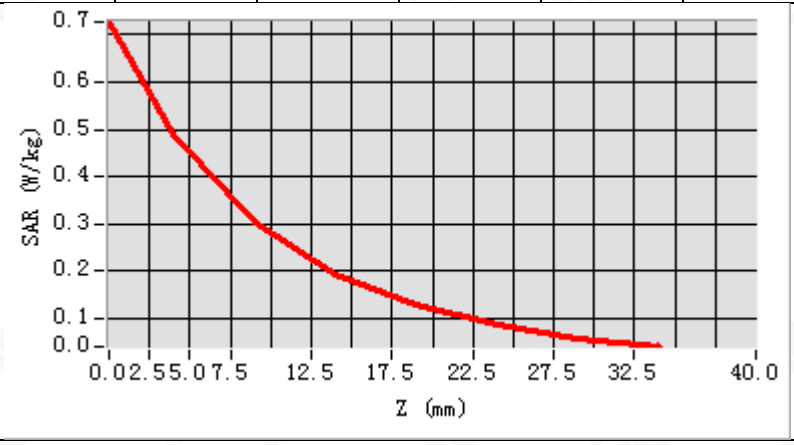
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 12
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

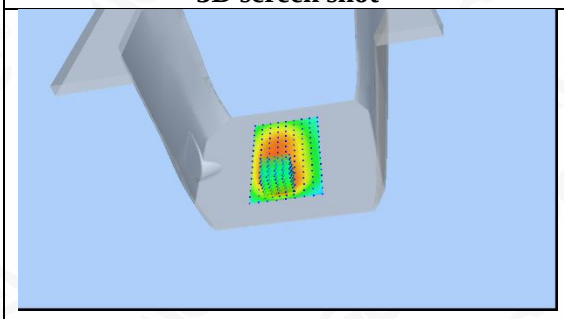
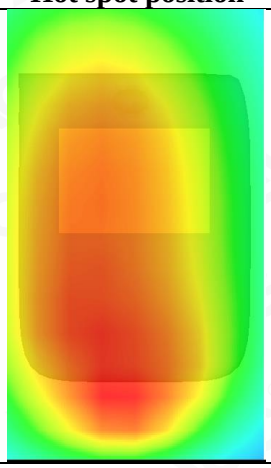
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-7.00, Y=-51.00
SAR Peak: 0.81 W/kg

SAR 10g (W/Kg)	0.292833
SAR 1g (W/Kg)	0.499306

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7275	0.4912	0.3018	0.1949	0.1289	0.0867	0.0595



3D screen shot	Hot spot position
	

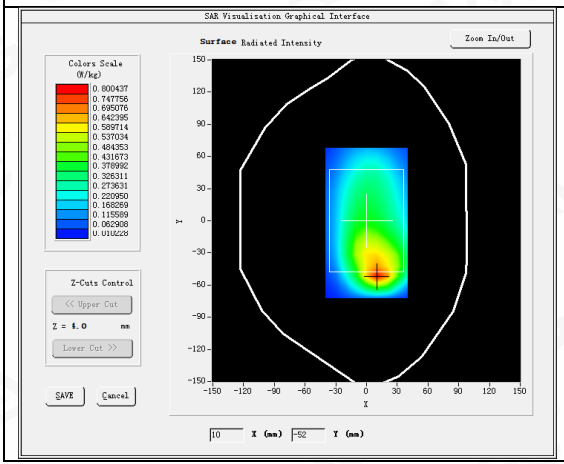
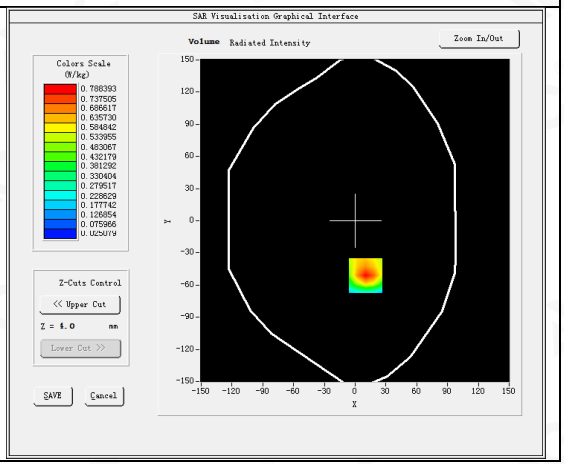
Test Laboratory: AGC Lab **Date: Aug. 06,2021**
LTE Band 13 Mid-Body-Back (1 RB#0)
DUT: FastHelp Home Emergency Alert Device-V4-4G; Type: FH-V4-4G

Communication System: LTE; Communication System Band: LTE Band 13; Duty Cycle:1:1; Conv.F=5.18;
Frequency: 782 MHz; Medium parameters used: f = 750 MHz; σ=0.93 mho/m; εr =41.22; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 21.3, Liquid temperature (℃): 21.0

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 13 Mid-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 13 Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

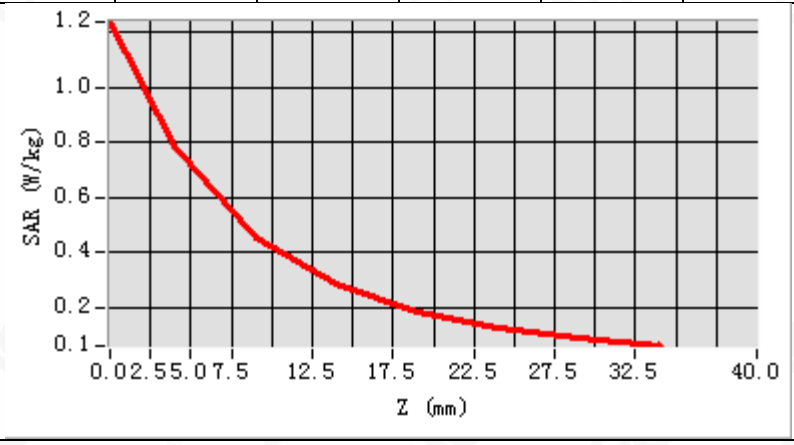
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 13
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

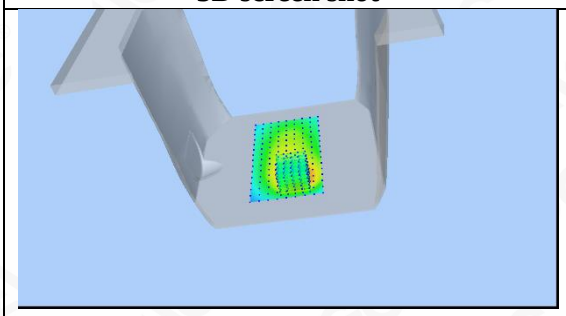
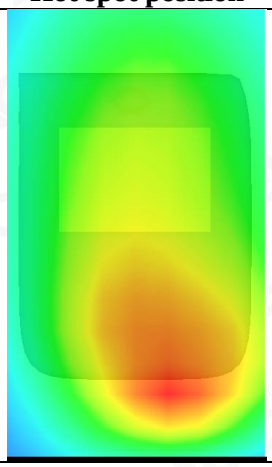
SURFACE SAR	VOLUME SAR
	

Maximum location: X=10.00, Y=-51.00
SAR Peak: 1.24 W/kg

SAR 10g (W/Kg)	0.427182
SAR 1g (W/Kg)	0.746910

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.2376	0.7884	0.4503	0.2826	0.1837	0.1255	0.0855



3D screen shot	Hot spot position
	

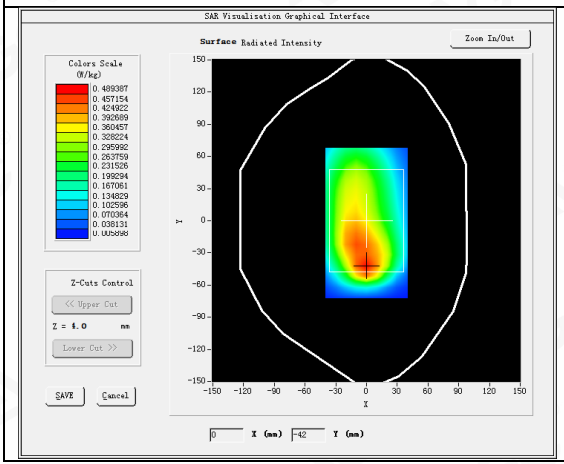
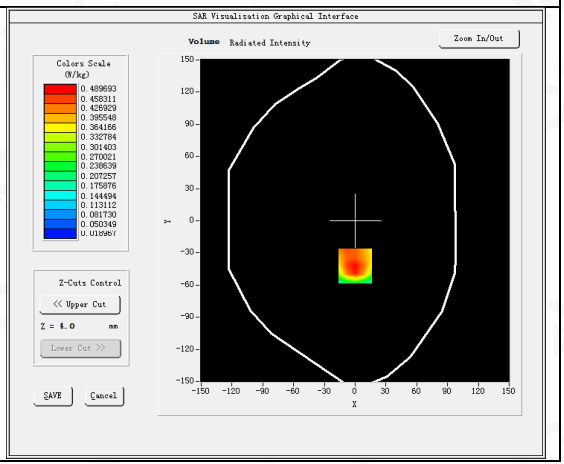
Test Laboratory: AGC Lab **Date: Aug. 06,2021**
LTE Band 17 Mid-Body-Back (1 RB#0)
DUT: FastHelp Home Emergency Alert Device-V4-4G; Type: FH-V4-4G

Communication System: LTE; Communication System Band: LTE Band 17; Duty Cycle:1:1; Conv.F=5.18;
Frequency: 710 MHz; Medium parameters used: f = 750 MHz; σ=0.88 mho/m; εr =43.40; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 21.3, Liquid temperature (℃): 21.0

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 17 Mid-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 17 Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

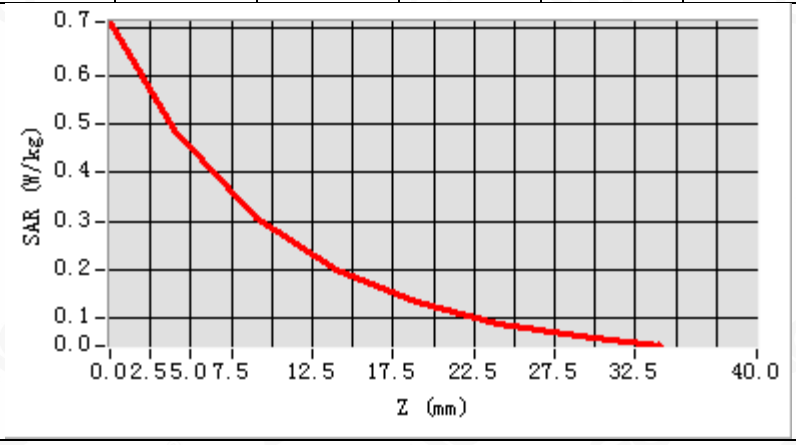
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 17
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

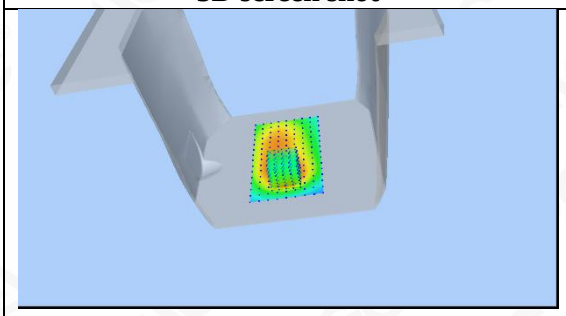
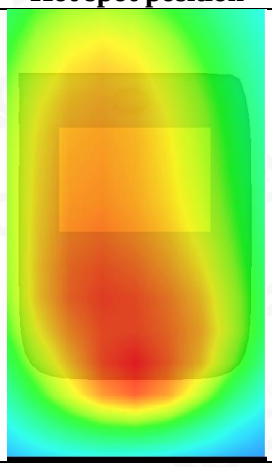
SURFACE SAR	VOLUME SAR
	

Maximum location: X=0.00, Y=-42.00
SAR Peak: 0.79 W/kg

SAR 10g (W/Kg)	0.296785
SAR 1g (W/Kg)	0.496813

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7112	0.4897	0.3077	0.1999	0.1329	0.0898	0.0617



3D screen shot	Hot spot position
	

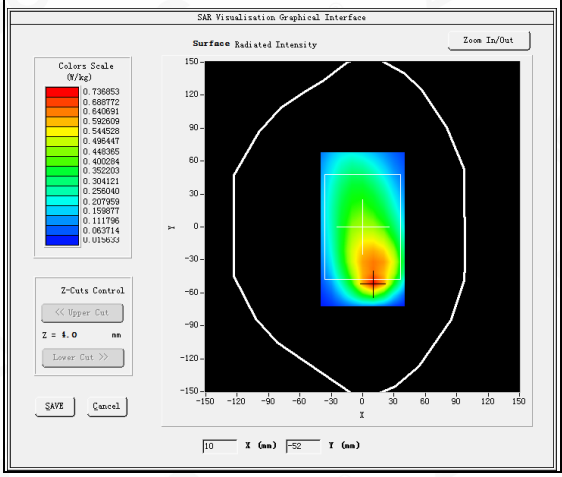
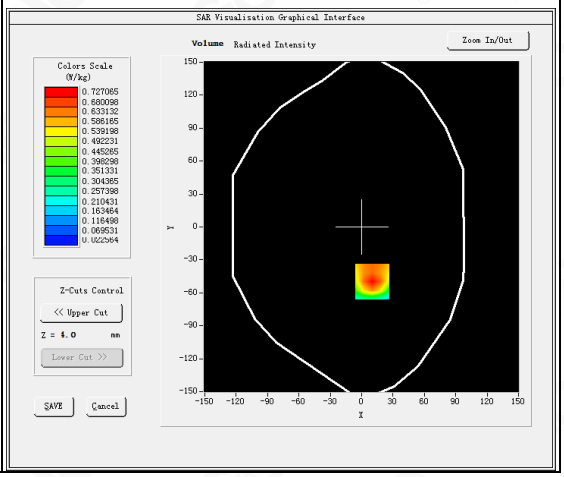
Test Laboratory: AGC Lab **Date: Aug. 03,2021**
LTE Band 25 Mid-Body-Back (1 RB#0)
DUT: FastHelp Home Emergency Alert Device-V4-4G; Type: FH-V4-4G

Communication System: LTE; Communication System Band: LTE Band 25; Duty Cycle:1:1; Conv.F=4.48; Frequency:1882.5MHz; Medium parameters used: f = 1800 MHz; σ= 1.40 mho/m; εr =40.56; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 22.0, Liquid temperature (℃): 21.8

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 25 Mid-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 25 Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

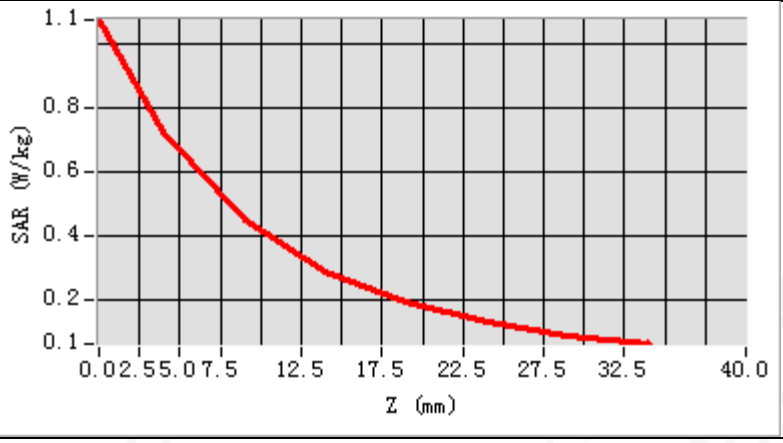
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 25
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

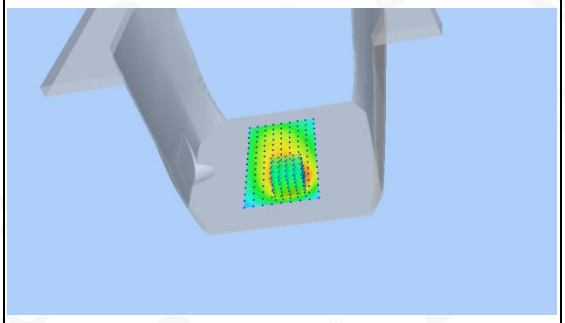
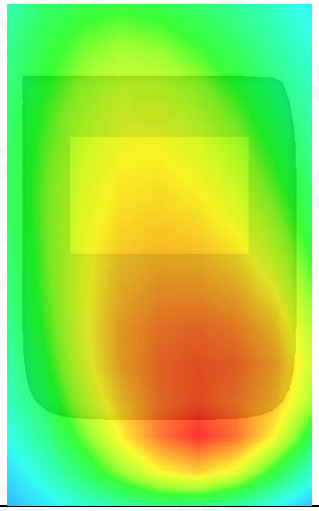
SURFACE SAR	VOLUME SAR
	

Maximum location: X=10.00, Y=-50.00
SAR Peak: 1.11 W/kg

SAR 10g (W/Kg)	0.421282
SAR 1g (W/Kg)	0.697345

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0751	0.7271	0.4476	0.2896	0.1918	0.1295	0.0889



3D screen shot	Hot spot position
	

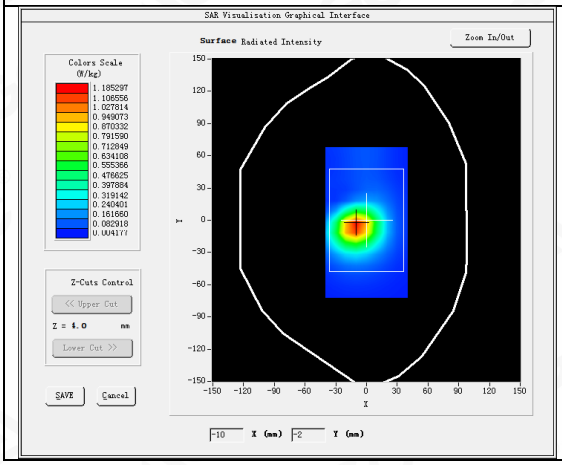
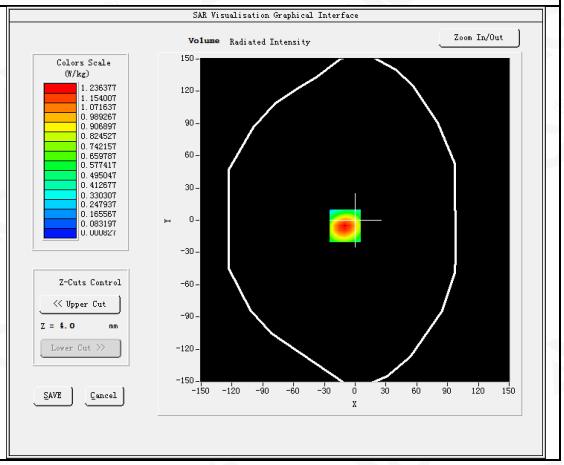
Test Laboratory: AGC Lab **Date: Jul. 28,2021**
LTE Band 38 Mid-Body-Back (1RB#0)
DUT: FastHelp Home Emergency Alert Device-V4-4G; Type: FH-V4-4G

Communication System: LTE; Communication System Band: LTE Band 38; Duty Cycle:1:1.58; Conv.F=3.87
Frequency: 2595MHz; Medium parameters used: f =2600 MHz; σ=1.92 mho/m; εr =40.03; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 21.6, Liquid temperature (℃): 21.3

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE BAND 38 Mid-Body-Back /Area Scan: Measurement grid: dx=10mm, y=10mm
Configuration/ LTE BAND 38 Mid-Body-Back /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

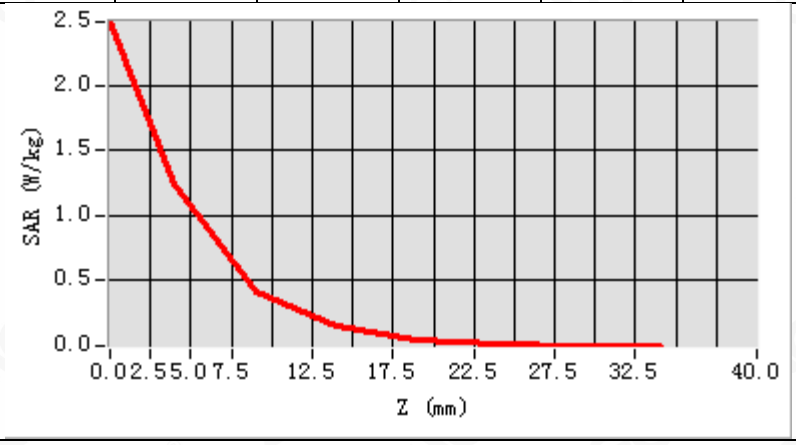
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE BAND 38
Channels	Middle
Signal	OFDM (Crest factor: 1.58)

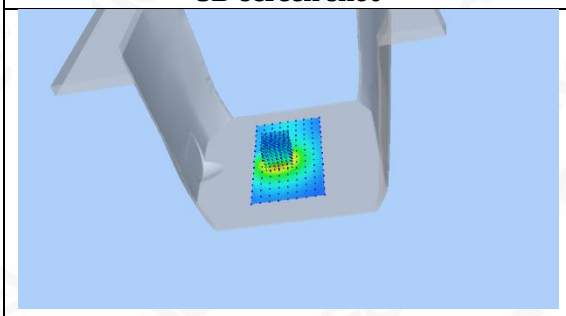
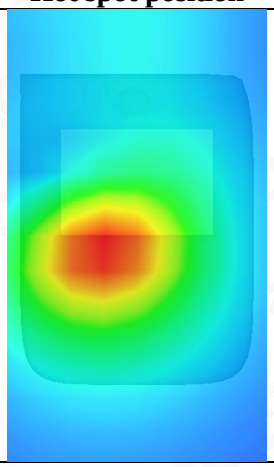
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-10.00, Y=-5.00
SAR Peak: 2.43 W/kg

SAR 10g (W/Kg)	0.510918
SAR 1g (W/Kg)	1.134717

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.4847	1.1364	0.4233	0.1503	0.0516	0.0174	0.0058



3D screen shot	Hot spot position
	

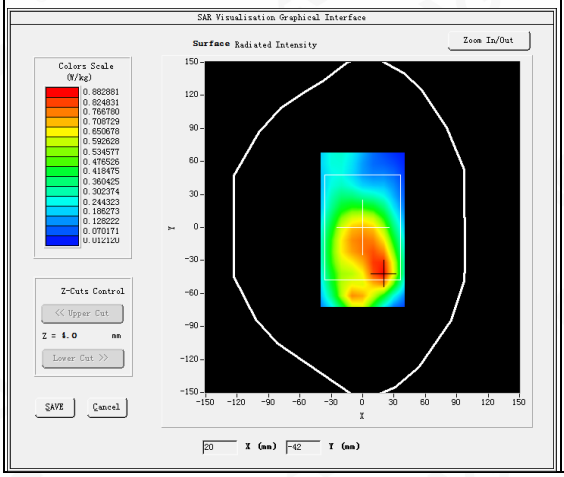
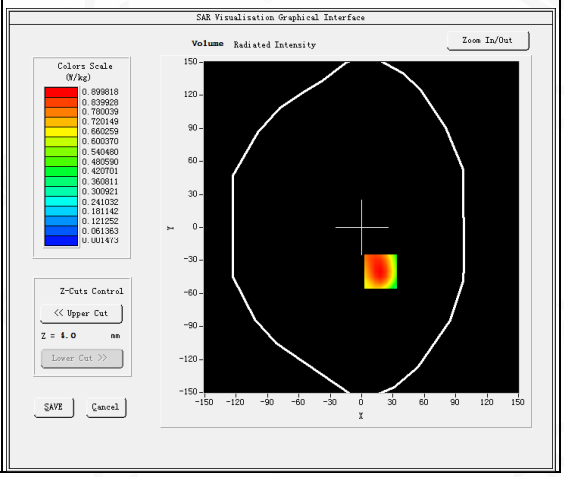
Test Laboratory: AGC Lab **Date: Jul. 28,2021**
LTE Band 41 Low-Body-Back(1RB#0)
DUT: FastHelp Home Emergency Alert Device-V4-4G; Type: FH-V4-4G

Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:1:1.58; Conv.F=3.87
Frequency: 2537.5MHz; Medium parameters used: f =2600 MHz; σ=1.83 mho/m; εr =40.95; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 21.6, Liquid temperature (℃): 21.3

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE BAND 41 Low-Body-Back /Area Scan: Measurement grid: dx=10mm, y=10mm
Configuration/ LTE BAND 41 Low-Body-Back /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

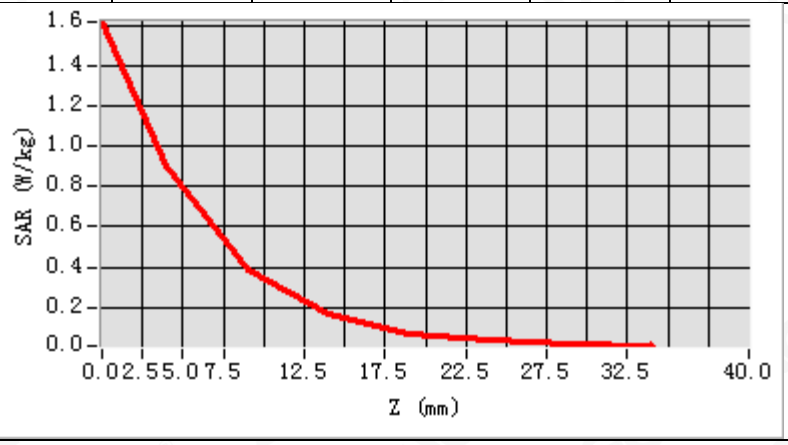
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE BAND 41
Channels	Low
Signal	OFDM (Crest factor: 1.58)

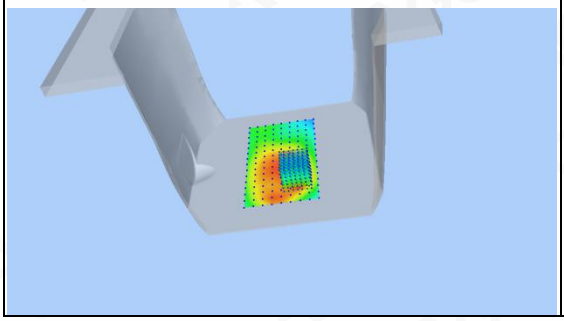
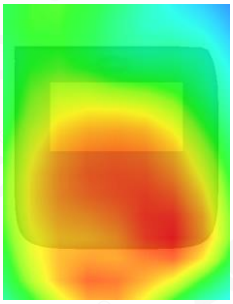
SURFACE SAR	VOLUME SAR
	

Maximum location: X=18.00, Y=-40.00
SAR Peak: 1.61 W/kg

SAR 10g (W/Kg)	0.444007
SAR 1g (W/Kg)	0.877622

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.6219	0.8998	0.3889	0.1679	0.0697	0.0324	0.0139



3D screen shot	Hot spot position
	

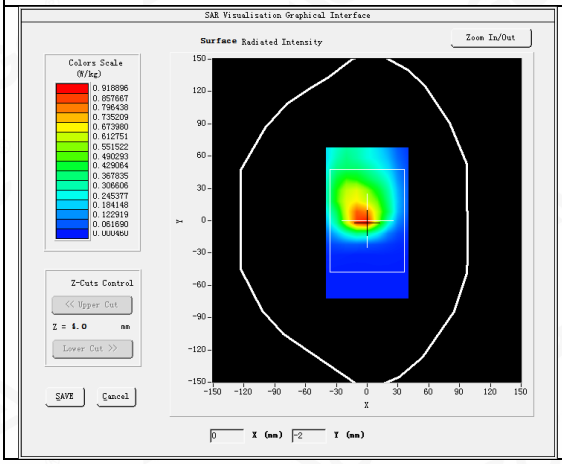
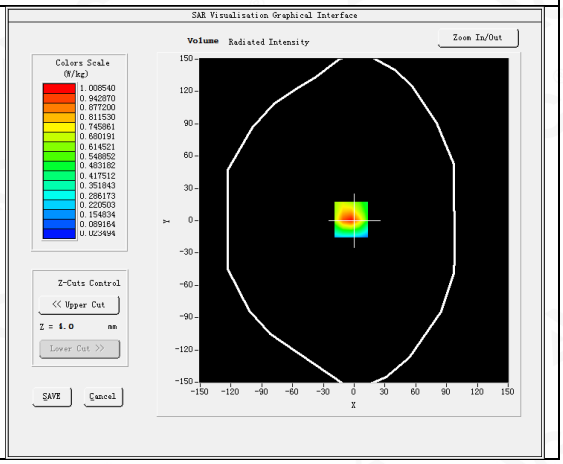
Repeated SAR
Test Laboratory: AGC Lab **Date: Jul. 24,2021**
GSM 850 High- Body- Back (MS)<SIM 1>
DUT: FastHelp Home Emergency Alert Device-V4-4G; Type: FH-V4-4G

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=5.24;
Frequency: 848.8 MHz; Medium parameters used: f = 835 MHz; σ= 0.96 mho/m; εr = 40.26; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 21.4, Liquid temperature (℃): 21.2

SATIMO Configuration:
- Probe: SSE5; Calibrated: Dec. 17,2020; Serial No.: SN 03/18 EP327
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/GSM 850 High -Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GSM 850 High -Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	GSM 850
Channels	High
Signal	TDMA (Crest factor: 8.0)

SURFACE SAR	VOLUME SAR
	

Maximum location: X=-3.00, Y=1.00
SAR Peak: 1.58 W/kg

SAR 10g (W/Kg)	0.508322
SAR 1g (W/Kg)	0.940613