

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift ($\pm 5\%$)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Front Side	4182/836.4	RMC12.2K	0.168	0.100	-3.74	22.50	23.00	0.188	2021/7/12
Back Side	4182/836.4	RMC12.2K	0.235	0.141	0.03	22.50	23.00	0.264	2021/7/12
Left Side	4182/836.4	RMC12.2K	0.081	0.048	-1.29	22.50	23.00	0.091	2021/7/12
Right Side	4182/836.4	RMC12.2K	0.078	0.046	0.95	22.50	23.00	0.088	2021/7/12
Bottom Side	4182/836.4	RMC12.2K	0.140	0.081	-0.57	22.50	23.00	0.157	2021/7/12

NOTE: Hotspot SAR test results of WCDMA Band 5

10.1.6. SAR measurement Result of CDMA Band BC0

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift ($\pm 5\%$)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Left Cheek	384/836.52	1xRTT(RC3, SO55)	0.139	0.105	-1.94	24.02	24.50	0.155	2021/7/12
Left Tilt 15 Degree	384/836.52	1xRTT(RC3, SO55)	0.077	0.059	0.59	24.02	24.50	0.086	2021/7/12
Right Cheek	384/836.52	1xRTT(RC3, SO55)	0.122	0.097	1.95	24.02	24.50	0.136	2021/7/12
Right Tilt 15 Degree	384/836.52	1xRTT(RC3, SO55)	0.064	0.053	3.61	24.02	24.50	0.071	2021/7/12
Left Cheek	384/836.52	1xEV-Do Rel.0	0.120	0.095	2.22	23.95	24.50	0.136	2021/7/12
Left Tilt 15 Degree	384/836.52	1xEV-Do Rel.0	0.065	0.046	1.26	23.95	24.50	0.074	2021/7/12
Right Cheek	384/836.52	1xEV-Do Rel.0	0.118	0.090	0.55	23.95	24.50	0.134	2021/7/12
Right Tilt 15 Degree	384/836.52	1xEV-Do Rel.0	0.058	0.045	2.31	23.95	24.50	0.066	2021/7/12

NOTE: Head SAR test results of CDMA Band BC0

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift ($\pm 5\%$)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Front Side	384/836.52	1xRTT(RC3,	0.138	0.072	3.85	24.03	24.50	0.154	2021/7/12

		SO32(+F-SCH))							
Back Side	384/836.52	1xRTT(RC3, SO32(+F-SCH))	0.223	0.122	-0.09	24.03	24.50	0.248	2021/7/12

NOTE: Body-Worn SAR test results of CDMA Band BC0

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Front Side	384/836.52	1xRTT(RC3, SO32(+F-SCH))	0.138	0.072	3.85	24.03	24.50	0.154	2021/7/12
Back Side	384/836.52	1xRTT(RC3, SO32(+F-SCH))	0.223	0.122	-0.09	24.03	24.50	0.248	2021/7/12
Left Side	384/836.52	1xRTT(RC3, SO32(+F-SCH))	0.081	0.043	0.83	24.03	24.50	0.090	2021/7/12
Right Side	384/836.52	1xRTT(RC3, SO32(+F-SCH))	0.072	0.039	0.02	24.03	24.50	0.080	2021/7/12
Bottom Side	384/836.52	1xRTT(RC3, SO32(+F-SCH))	0.125	0.066	0.86	24.03	24.50	0.139	2021/7/12

NOTE: Hotspot SAR test results of CDMA Band BC0

10.1.7. SAR measurement Result of CDMA Band BC1

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Left Cheek	600/1880	1xRTT(RC3, SO55)	0.165	0.128	-1.13	22.89	23.50	0.190	2021/7/19
Left Tilt 15 Degree	600/1880	1xRTT(RC3, SO55)	0.091	0.072	-3.20	22.89	23.50	0.105	2021/7/19
Right Cheek	600/1880	1xRTT(RC3, SO55)	0.143	0.107	0.60	22.89	23.50	0.165	2021/7/19
Right Tilt 15 Degree	600/1880	1xRTT(RC3, SO55)	0.066	0.052	-1.54	22.89	23.50	0.076	2021/7/19
Left Cheek	600/1880	1xEV-Do Rel.0	0.160	0.124	0.34	22.79	23.50	0.188	2021/7/19
Left Tilt 15 Degree	600/1880	1xEV-Do Rel.0	0.085	0.068	0.33	22.79	23.50	0.100	2021/7/19

Right Cheek	600/1880	1xEV-Do Rel.0	0.137	0.098	2.15	22.79	23.50	0.161	2021/7/19
Right Tilt 15 Degree	600/1880	1xEV-Do Rel.0	0.056	0.047	-1.11	22.79	23.50	0.066	2021/7/19

NOTE: Head SAR test results of CDMA Band BC1

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Front Side	600/1880	1xRTT(RC3, SO32(+F-SCH))	0.306	0.183	-2.71	22.99	23.50	0.344	2021/7/19
Back Side	600/1880	1xRTT(RC3, SO32(+F-SCH))	0.489	0.292	-0.53	22.99	23.50	0.550	2021/7/19

NOTE: Body-Worn SAR test results of CDMA Band BC1

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Front Side	600/1880	1xRTT(RC3, SO32(+F-SCH))	0.306	0.183	-2.71	22.99	23.50	0.344	2021/7/19
Back Side	600/1880	1xRTT(RC3, SO32(+F-SCH))	0.489	0.292	-0.53	22.99	23.50	0.550	2021/7/19
Left Side	600/1880	1xRTT(RC3, SO32(+F-SCH))	0.159	0.095	-3.85	22.99	23.50	0.179	2021/7/19
Right Side	600/1880	1xRTT(RC3, SO32(+F-SCH))	0.150	0.090	-2.36	22.99	23.50	0.169	2021/7/19
Bottom Side	600/1880	1xRTT(RC3, SO32(+F-SCH))	0.255	0.149	-0.36	22.99	23.50	0.287	2021/7/19

NOTE: Hotspot SAR test results of CDMA Band BC1

10.1.8. SAR measurement Result of LTE Band 2

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Left Cheek	18900/1880	20M QPSK(1,49)	0.137	0.090	1.07	21.26	22.00	0.162	2021/7/19

Left Tilt 15 Degree	18900/1880	20M QPSK(1,49)	0.074	0.053	-4.66	21.26	22.00	0.088	2021/7/19
Right Cheek	18900/1880	20M QPSK(1,49)	0.119	0.077	4.97	21.26	22.00	0.141	2021/7/19
Right Tilt 15 Degree	18900/1880	20M QPSK(1,49)	0.059	0.040	2.06	21.26	22.00	0.070	2021/7/19
50%RB									
Left Cheek	18900/1880	20M QPSK(50,0)	0.073	0.052	-0.66	20.90	21.00	0.075	2021/7/19
Left Tilt 15 Degree	18900/1880	20M QPSK(50,0)	0.040	0.027	1.09	20.90	21.00	0.041	2021/7/19
Right Cheek	18900/1880	20M QPSK(50,0)	0.067	0.045	0.94	20.90	21.00	0.069	2021/7/19
Right Tilt 15 Degree	18900/1880	20M QPSK(50,0)	0.033	0.020	-1.25	20.90	21.00	0.034	2021/7/19

NOTE: Head SAR test results of LTE Band 2

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Front Side	18900/1880	20M QPSK(1,49)	0.354	0.188	-2.26	21.26	22.00	0.420	2021/7/19
Back Side	18900/1880	20M QPSK(1,49)	0.569	0.311	0.30	21.26	22.00	0.675	2021/7/19
50%RB									
Front Side	18900/1880	20M QPSK(50,0)	0.186	0.095	-2.10	20.90	21.00	0.190	2021/7/19
Back Side	18900/1880	20M QPSK(50,0)	0.328	0.164	1.24	20.90	21.00	0.336	2021/7/19

NOTE: Body-Worn SAR test results of LTE Band 2

Test Position of Hotspot	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					

with 10mm									
1RB									
Front Side	18900/1880	20M QPSK(1,49)	0.354	0.188	-2.26	21.26	22.00	0.420	2021/7/19
Back Side	18900/1880	20M QPSK(1,49)	0.569	0.311	0.30	21.26	22.00	0.675	2021/7/19
Left Side	18900/1880	20M QPSK(1,49)	0.171	0.091	-0.52	21.26	22.00	0.203	2021/7/19
Right Side	18900/1880	20M QPSK(1,49)	0.180	0.098	0.75	21.26	22.00	0.213	2021/7/19
Bottom Side	18900/1880	20M QPSK(1,49)	0.285	0.154	-2.59	21.26	22.00	0.338	2021/7/19
50%RB									
Front Side	18900/1880	20M QPSK(50,0)	0.186	0.095	-2.10	20.90	21.00	0.190	2021/7/19
Back Side	18900/1880	20M QPSK(50,0)	0.328	0.164	1.24	20.90	21.00	0.336	2021/7/19
Left Side	18900/1880	20M QPSK(50,0)	0.092	0.052	3.21	20.90	21.00	0.094	2021/7/19
Right Side	18900/1880	20M QPSK(50,0)	0.095	0.054	1.92	20.90	21.00	0.097	2021/7/19
Bottom Side	18900/1880	20M QPSK(50,0)	0.168	0.081	1.72	20.90	21.00	0.172	2021/7/19

NOTE: Hotspot SAR test results of LTE Band 2

10.1.9. SAR measurement Result of LTE Band 4

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Left Cheek	20175/1732.5	20M QPSK(1,99)	0.067	0.045	3.98	21.28	22.00	0.079	2021/7/15
Left Tilt 15 Degree	20175/1732.5	20M QPSK(1,99)	0.036	0.026	3.22	21.28	22.00	0.042	2021/7/15
Right Cheek	20175/1732.5	20M QPSK(1,99)	0.062	0.045	4.49	21.28	22.00	0.073	2021/7/15
Right	20175/1732.5	20M	0.029	0.021	2.18	21.28	22.00	0.034	2021/7/15

Tilt 15 Degree		QPSK(1,99)							
50%RB									
Left Cheek	20175/1732.5	20M QPSK(50,0)	0.060	0.041	-0.34	20.75	21.00	0.064	2021/7/15
Left Tilt 15 Degree	20175/1732.5	20M QPSK(50,0)	0.033	0.024	1.08	20.75	21.00	0.035	2021/7/15
Right Cheek	20175/1732.5	20M QPSK(50,0)	0.056	0.041	-3.83	20.75	21.00	0.059	2021/7/15
Right Tilt 15 Degree	20175/1732.5	20M QPSK(50,0)	0.026	0.019	-0.72	20.75	21.00	0.028	2021/7/15

NOTE: Head SAR test results of LTE Band 4

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Front Side	20175/1732.5	20M QPSK(1,99)	0.294	0.157	0.95	21.28	22.00	0.347	2021/7/15
Back Side	20175/1732.5	20M QPSK(1,99)	0.456	0.256	4.59	21.28	22.00	0.538	2021/7/15
50%RB									
Front Side	20175/1732.5	20M QPSK(50,0)	0.148	0.089	4.90	20.75	21.00	0.157	2021/7/15
Back Side	20175/1732.5	20M QPSK(50,0)	0.252	0.133	-3.22	20.75	21.00	0.267	2021/7/15

NOTE: Body-Worn SAR test results of LTE Band 4

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Front Side	20175/1732.5	20M QPSK(1,99)	0.294	0.157	0.95	21.28	22.00	0.347	2021/7/15
Back Side	20175/1732.5	20M QPSK(1,99)	0.456	0.256	4.59	21.28	22.00	0.538	2021/7/15
Left Side	20175/1732.5	20M QPSK(1,99)	0.138	0.075	-0.40	21.28	22.00	0.163	2021/7/15
Right	20175/1732.5	20M	0.150	0.084	2.82	21.28	22.00	0.177	2021/7/15

Side		QPSK(1,99)							
Bottom Side	20175/1732.5	20M QPSK(1,99)	0.235	0.129	-3.60	21.28	22.00	0.277	2021/7/15
50%RB									
Front Side	20175/1732.5	20M QPSK(50,0)	0.148	0.089	4.90	20.75	21.00	0.157	2021/7/15
Back Side	20175/1732.5	20M QPSK(50,0)	0.252	0.133	-3.22	20.75	21.00	0.267	2021/7/15
Left Side	20175/1732.5	20M QPSK(50,0)	0.073	0.042	0.61	20.75	21.00	0.077	2021/7/15
Right Side	20175/1732.5	20M QPSK(50,0)	0.076	0.048	-4.27	20.75	21.00	0.081	2021/7/15
Bottom Side	20175/1732.5	20M QPSK(50,0)	0.127	0.076	-0.58	20.75	21.00	0.135	2021/7/15

NOTE: Hotspot SAR test results of LTE Band 4

10.1.10. SAR measurement Result of LTE Band 5

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Left Cheek	20525/836.5	10M QPSK(1,0)	0.181	0.144	2.92	21.65	22.50	0.220	2021/7/12
Left Tilt 15 Degree	20525/836.5	10M QPSK(1,0)	0.101	0.085	-1.54	21.65	22.50	0.123	2021/7/12
Right Cheek	20525/836.5	10M QPSK(1,0)	0.169	0.135	-4.28	21.65	22.50	0.206	2021/7/12
Right Tilt 15 Degree	20525/836.5	10M QPSK(1,0)	0.078	0.066	0.73	21.65	22.50	0.095	2021/7/12
50%RB									
Left Cheek	20525/836.5	10M QPSK(25,0)	0.100	0.077	4.96	21.20	21.50	0.107	2021/7/12
Left Tilt 15 Degree	20525/836.5	10M QPSK(25,0)	0.060	0.046	1.41	21.20	21.50	0.064	2021/7/12
Right Cheek	20525/836.5	10M QPSK(25,0)	0.085	0.068	2.42	21.20	21.50	0.091	2021/7/12

Right Tilt 15 Degree	20525/836.5	10M QPSK(25,0)	0.039	0.034	4.99	21.20	21.50	0.042	2021/7/12
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NOTE: Head SAR test results of LTE Band 5

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Front Side	20525/836.5	10M QPSK(1,0)	0.174	0.125	-3.62	21.65	22.50	0.212	2021/7/12
Back Side	20525/836.5	10M QPSK(1,0)	0.257	0.196	-0.27	21.65	22.50	0.313	2021/7/12
50%RB									
Front Side	20525/836.5	10M QPSK(25,0)	0.096	0.064	4.03	21.20	21.50	0.103	2021/7/12
Back Side	20525/836.5	10M QPSK(25,0)	0.135	0.106	-3.07	21.20	21.50	0.145	2021/7/12

NOTE: Body-Worn SAR test results of LTE Band 5

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Front Side	20525/836.5	10M QPSK(1,0)	0.174	0.125	-3.62	21.65	22.50	0.212	2021/7/12
Back Side	20525/836.5	10M QPSK(1,0)	0.257	0.196	-0.27	21.65	22.50	0.313	2021/7/12
Left Side	20525/836.5	10M QPSK(1,0)	0.090	0.063	-1.76	21.65	22.50	0.109	2021/7/12
Right Side	20525/836.5	10M QPSK(1,0)	0.084	0.059	-2.56	21.65	22.50	0.102	2021/7/12
Bottom Side	20525/836.5	10M QPSK(1,0)	0.140	0.102	3.76	21.65	22.50	0.170	2021/7/12
50%RB									
Front Side	20525/836.5	10M QPSK(25,0)	0.096	0.064	4.03	21.20	21.50	0.103	2021/7/12
Back Side	20525/836.5	10M QPSK(25,0)	0.135	0.106	-3.07	21.20	21.50	0.145	2021/7/12
Left	20525/836.5	10M	0.046	0.032	3.64	21.20	21.50	0.049	2021/7/12

Side		QPSK(25,0)							
Right Side	20525/836.5	10M QPSK(25,0)	0.043	0.032	-0.95	21.20	21.50	0.046	2021/7/12
Bottom Side	20525/836.5	10M QPSK(25,0)	0.077	0.053	-2.07	21.20	21.50	0.083	2021/7/12

NOTE: Hotspot SAR test results of LTE Band 5

10.1.11. SAR measurement Result of LTE Band 7

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Left Cheek	21100/2535	20M QPSK(1,99)	0.305	0.162	-3.12	21.67	22.50	0.369	2021/7/17
Left Tilt 15 Degree	21100/2535	20M QPSK(1,99)	0.154	0.080	0.11	21.67	22.50	0.186	2021/7/17
Right Cheek	21100/2535	20M QPSK(1,99)	0.278	0.146	-2.29	21.67	22.50	0.337	2021/7/17
Right Tilt 15 Degree	21100/2535	20M QPSK(1,99)	0.147	0.074	4.28	21.67	22.50	0.178	2021/7/17
50%RB									
Left Cheek	21100/2535	20M QPSK(50,24)	0.171	0.089	1.60	21.24	21.50	0.182	2021/7/17
Left Tilt 15 Degree	21100/2535	20M QPSK(50,24)	0.090	0.045	0.37	21.24	21.50	0.096	2021/7/17
Right Cheek	21100/2535	20M QPSK(50,24)	0.155	0.076	0.84	21.24	21.50	0.165	2021/7/17
Right Tilt 15 Degree	21100/2535	20M QPSK(50,24)	0.076	0.039	3.39	21.24	21.50	0.081	2021/7/17

NOTE: Head SAR test results of LTE Band 7

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					

1RB									
Front Side	21100/2535	20M QPSK(1,99)	0.168	0.092	1.88	21.67	22.50	0.203	2021/7/17
Back Side	21100/2535	20M QPSK(1,99)	0.274	0.156	-0.88	21.67	22.50	0.332	2021/7/17
50%RB									
Front Side	21100/2535	20M QPSK(50,24)	0.091	0.053	-4.20	21.24	21.50	0.097	2021/7/17
Back Side	21100/2535	20M QPSK(50,24)	0.164	0.085	3.13	21.24	21.50	0.174	2021/7/17

NOTE: Body-Worn SAR test results of LTE Band 7

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Front Side	21100/2535	20M QPSK(1,99)	0.168	0.092	1.88	21.67	22.50	0.203	2021/7/17
Back Side	21100/2535	20M QPSK(1,99)	0.274	0.156	-0.88	21.67	22.50	0.332	2021/7/17
Left Side	21100/2535	20M QPSK(1,99)	0.084	0.047	3.97	21.67	22.50	0.102	2021/7/17
Right Side	21100/2535	20M QPSK(1,99)	0.096	0.054	2.61	21.67	22.50	0.116	2021/7/17
Bottom Side	21100/2535	20M QPSK(1,99)	0.140	0.079	-1.01	21.67	22.50	0.169	2021/7/17
50%RB									
Front Side	21100/2535	20M QPSK(50,24)	0.091	0.053	-4.20	21.24	21.50	0.097	2021/7/17
Back Side	21100/2535	20M QPSK(50,24)	0.164	0.085	3.13	21.24	21.50	0.174	2021/7/17
Left Side	21100/2535	20M QPSK(50,24)	0.048	0.026	-1.32	21.24	21.50	0.051	2021/7/17
Right Side	21100/2535	20M QPSK(50,24)	0.056	0.031	1.77	21.24	21.50	0.059	2021/7/17
Bottom Side	21100/2535	20M QPSK(50,24)	0.080	0.041	-1.63	21.24	21.50	0.085	2021/7/17

NOTE: Hotspot SAR test results of LTE Band 7

10.1.12. SAR measurement Result of LTE Band 12

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Left Cheek	23095/707.5	10M QPSK(1,24)	0.064	0.055	0.89	21.54	22.00	0.071	2021/7/22
Left Tilt 15 Degree	23095/707.5	10M QPSK(1,24)	0.038	0.034	0.00	21.54	22.00	0.042	2021/7/22
Right Cheek	23095/707.5	10M QPSK(1,24)	0.058	0.054	-2.93	21.54	22.00	0.064	2021/7/22
Right Tilt 15 Degree	23095/707.5	10M QPSK(1,24)	0.030	0.030	4.79	21.54	22.00	0.033	2021/7/22
50%RB									
Left Cheek	23095/707.5	10M QPSK(25,24)	0.034	0.031	-1.70	21.07	21.50	0.038	2021/7/22
Left Tilt 15 Degree	23095/707.5	10M QPSK(25,24)	0.022	0.019	2.98	21.07	21.50	0.024	2021/7/22
Right Cheek	23095/707.5	10M QPSK(25,24)	0.030	0.030	-4.75	21.07	21.50	0.033	2021/7/22
Right Tilt 15 Degree	23095/707.5	10M QPSK(25,24)	0.016	0.017	4.79	21.07	21.50	0.018	2021/7/22

NOTE: Head SAR test results of LTE Band 12

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Front Side	23095/707.5	10M QPSK(1,24)	0.084	0.061	-2.77	21.54	22.00	0.093	2021/7/22
Back Side	23095/707.5	10M QPSK(1,24)	0.094	0.071	-0.42	21.54	22.00	0.105	2021/7/22
50%RB									
Front Side	23095/707.5	10M QPSK(25,24)	0.077	0.057	-2.67	21.07	21.50	0.085	2021/7/22
Back Side	23095/707.5	10M	0.085	0.063	-4.89	21.07	21.50	0.094	2021/7/22

QPSK(25,24)

NOTE: Body-Worn SAR test results of LTE Band 12

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Front Side	23095/707.5	10M QPSK(1,24)	0.084	0.061	-2.77	21.54	22.00	0.093	2021/7/22
Back Side	23095/707.5	10M QPSK(1,24)	0.094	0.071	-0.42	21.54	22.00	0.105	2021/7/22
Left Side	23095/707.5	10M QPSK(1,24)	0.030	0.023	-3.09	21.54	22.00	0.033	2021/7/22
Right Side	23095/707.5	10M QPSK(1,24)	0.033	0.024	1.34	21.54	22.00	0.037	2021/7/22
Bottom Side	23095/707.5	10M QPSK(1,24)	0.060	0.044	-0.21	21.54	22.00	0.067	2021/7/22
50%RB									
Front Side	23095/707.5	10M QPSK(25,24)	0.077	0.057	-2.67	21.07	21.50	0.085	2021/7/22
Back Side	23095/707.5	10M QPSK(25,24)	0.085	0.063	-4.89	21.07	21.50	0.094	2021/7/22
Left Side	23095/707.5	10M QPSK(25,24)	0.026	0.022	3.71	21.07	21.50	0.029	2021/7/22
Right Side	23095/707.5	10M QPSK(25,24)	0.029	0.022	1.94	21.07	21.50	0.032	2021/7/22
Bottom Side	23095/707.5	10M QPSK(25,24)	0.051	0.042	3.62	21.07	21.50	0.056	2021/7/22

NOTE: Hotspot SAR test results of LTE Band 12

10.1.13. SAR measurement Result of LTE Band 17

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Left	23790/710	10M	0.069	0.059	4.74	21.63	22.00	0.075	2021/7/22

Cheek		QPSK(1,24)							
Left Tilt 15 Degree	23790/710	10M QPSK(1,24)	0.038	0.029	0.81	21.63	22.00	0.041	2021/7/22
Right Cheek	23790/710	10M QPSK(1,24)	0.063	0.058	-0.75	21.63	22.00	0.069	2021/7/22
Right Tilt 15 Degree	23790/710	10M QPSK(1,24)	0.030	0.024	-1.54	21.63	22.00	0.033	2021/7/22
50%RB									
Left Cheek	23790/710	10M QPSK(25,24)	0.036	0.033	3.63	20.94	21.50	0.041	2021/7/22
Left Tilt 15 Degree	23790/710	10M QPSK(25,24)	0.019	0.015	0.04	20.94	21.50	0.022	2021/7/22
Right Cheek	23790/710	10M QPSK(25,24)	0.035	0.031	0.90	20.94	21.50	0.040	2021/7/22
Right Tilt 15 Degree	23790/710	10M QPSK(25,24)	0.018	0.013	-0.73	20.94	21.50	0.020	2021/7/22

NOTE: Head SAR test results of LTE Band17

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Front Side	23790/710	10M QPSK(1,24)	0.060	0.046	0.52	21.63	22.00	0.065	2021/7/22
Back Side	23790/710	10M QPSK(1,24)	0.099	0.079	0.79	21.63	22.00	0.108	2021/7/22
50%RB									
Front Side	23790/710	10M QPSK(25,24)	0.032	0.024	4.66	20.94	21.50	0.036	2021/7/22
Back Side	23790/710	10M QPSK(25,24)	0.054	0.041	0.32	20.94	21.50	0.061	2021/7/22

NOTE: Body-Worn SAR test results of LTE Band 17

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Front Side	23790/710	10M QPSK(1,24)	0.060	0.046	0.52	21.63	22.00	0.065	2021/7/22
Back Side	23790/710	10M QPSK(1,24)	0.099	0.079	0.79	21.63	22.00	0.108	2021/7/22
Left Side	23790/710	10M QPSK(1,24)	0.033	0.026	-3.41	21.63	22.00	0.036	2021/7/22
Right Side	23790/710	10M QPSK(1,24)	0.033	0.026	0.85	21.63	22.00	0.036	2021/7/22
Bottom Side	23790/710	10M QPSK(1,24)	0.065	0.049	-3.26	21.63	22.00	0.071	2021/7/22
50%RB									
Front Side	23790/710	10M QPSK(25,24)	0.032	0.024	4.66	20.94	21.50	0.036	2021/7/22
Back Side	23790/710	10M QPSK(25,24)	0.054	0.041	0.32	20.94	21.50	0.061	2021/7/22
Left Side	23790/710	10M QPSK(25,24)	0.017	0.013	2.25	20.94	21.50	0.019	2021/7/22
Right Side	23790/710	10M QPSK(25,24)	0.019	0.015	-2.10	20.94	21.50	0.022	2021/7/22
Bottom Side	23790/710	10M QPSK(25,24)	0.035	0.027	-3.04	20.94	21.50	0.040	2021/7/22

NOTE: Hotspot SAR test results of LTE Band 17

10.1.14. SAR measurement Result of NR Band 41

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Left Cheek	518598/2592.99	100M QPSK(1,1)	0.435	0.227	0.35	24.77	25.00	0.459	2021/7/17
Left Tilt	518598/	100M	0.255	0.133	1.85	24.77	25.00	0.269	2021/7/17

15 Degree	2592.99	QPSK(1,1)							
Right Cheek	518598/ 2592.99	100M QPSK(1,1)	0.374	0.193	-3.27	24.77	25.00	0.394	2021/7/17
Right Tilt 15 Degree	518598/ 2592.99	100M QPSK(1,1)	0.169	0.086	-2.64	24.77	25.00	0.178	2021/7/17
50%RB									
Left Cheek	518598/ 2592.99	100M QPSK(135,67)	0.218	0.116	-1.60	24.03	25.00	0.273	2021/7/17
Left Tilt 15 Degree	518598/ 2592.99	100M QPSK(135,67)	0.146	0.076	2.44	24.03	25.00	0.183	2021/7/17
Right Cheek	518598/ 2592.99	100M QPSK(135,67)	0.202	0.097	0.12	24.03	25.00	0.253	2021/7/17
Right Tilt 15 Degree	518598/ 2592.99	100M QPSK(135,67)	0.098	0.044	-2.25	24.03	25.00	0.123	2021/7/17

NOTE: Head SAR test results of NR Band 41

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Front Side	518598/ 2592.99	100M QPSK(1,1)	0.312	0.155	-2.99	24.77	25.00	0.329	2021/7/17
Back Side	518598/ 2592.99	100M QPSK(1,1)	0.476	0.241	-0.10	24.77	25.00	0.502	2021/7/17
50%RB									
Front Side	518598/ 2592.99	100M QPSK(135,67)	0.182	0.084	-3.46	24.03	25.00	0.228	2021/7/17
Back Side	518598/ 2592.99	100M QPSK(135,67)	0.263	0.135	-4.76	24.03	25.00	0.329	2021/7/17

NOTE: Body-Worn SAR test results of NR Band 41

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					

1RB									
Front Side	518598/ 2592.99	100M QPSK(1,1)	0.312	0.155	-2.99	24.77	25.00	0.329	2021/7/17
Back Side	518598/ 2592.99	100M QPSK(1,1)	0.476	0.241	-0.10	24.77	25.00	0.502	2021/7/17
Left Side	518598/ 2592.99	100M QPSK(1,1)	0.245	0.119	3.32	24.77	25.00	0.258	2021/7/17
Top Side	518598/ 2592.99	100M QPSK(1,1)	0.325	0.165	1.45	24.77	25.00	0.343	2021/7/17
50%RB									
Front Side	518598/ 2592.99	100M QPSK(135,67)	0.182	0.084	-3.46	24.03	25.00	0.228	2021/7/17
Back Side	518598/ 2592.99	100M QPSK(135,67)	0.263	0.135	-4.76	24.03	25.00	0.329	2021/7/17
Left Side	518598/ 2592.99	100M QPSK(135,67)	0.123	0.065	1.16	24.03	25.00	0.154	2021/7/17
Top Side	518598/ 2592.99	100M QPSK(135,67)	0.165	0.098	0.73	24.03	25.00	0.206	2021/7/17
Front Side	518598/ 2592.99	100M QPSK(135,67)	0.182	0.084	-3.46	24.03	25.00	0.228	2021/7/17

NOTE: Hotspot SAR test results of NR Band 41

10.1.15. SAR measurement Result of NR Band 78

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Left Cheek	650000/3750	100M QPSK(1,1)	0.514	0.231	-4.83	24.15	24.50	0.557	2021/7/27
Left Tilt 15 Degree	650000/3750	100M QPSK(1,1)	0.289	0.125	-2.64	24.15	24.50	0.313	2021/7/27
Right Cheek	650000/3750	100M QPSK(1,1)	0.441	0.188	4.13	24.15	24.50	0.478	2021/7/27
Right Tilt 15 Degree	650000/3750	100M QPSK(1,1)	0.228	0.099	1.40	24.15	24.50	0.247	2021/7/27
50%RB									
Left	650000/3750	100M	0.294	0.116	-3.16	22.89	23.00	0.302	2021/7/27

Cheek		QPSK(135,67)							
Left Tilt 15 Degree	650000/3750	100M QPSK(135,67)	0.164	0.072	-4.14	22.89	23.00	0.168	2021/7/27
Right Cheek	650000/3750	100M QPSK(135,67)	0.257	0.111	-1.51	22.89	23.00	0.264	2021/7/27
Right Tilt 15 Degree	650000/3750	100M QPSK(135,67)	0.136	0.059	-4.79	22.89	23.00	0.139	2021/7/27

NOTE: Head SAR test results of NR Band 78

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Front Side	650000/3750	100M QPSK(1,1)	0.096	0.052	2.00	24.15	24.50	0.104	2021/7/27
Back Side	650000/3750	100M QPSK(1,1)	0.160	0.090	-0.91	24.15	24.50	0.173	2021/7/27
50%RB									
Front Side	650000/3750	100M QPSK(135,67)	0.051	0.029	3.53	22.89	23.00	0.052	2021/7/27
Back Side	650000/3750	100M QPSK(135,67)	0.095	0.045	-4.39	22.89	23.00	0.097	2021/7/27

NOTE: Body-Worn SAR test results of NR Band 78

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
1RB									
Front Side	650000/3750	100M QPSK(1,1)	0.096	0.052	2.00	24.15	24.50	0.104	2021/7/27
Back Side	650000/3750	100M QPSK(1,1)	0.160	0.090	-0.91	24.15	24.50	0.173	2021/7/27
Left Side	650000/3750	100M QPSK(1,1)	0.072	0.038	1.76	24.15	24.50	0.078	2021/7/27
Top	650000/3750	100M	0.111	0.059	3.65	24.15	24.50	0.120	2021/7/27

Side		QPSK(1,1)							
50%RB									
Front Side	650000/3750	100M QPSK(135,67)	0.051	0.029	3.53	22.89	23.00	0.052	2021/7/27
Back Side	650000/3750	100M QPSK(135,67)	0.095	0.045	-4.39	22.89	23.00	0.097	2021/7/27
Left Side	650000/3750	100M QPSK(135,67)	0.040	0.021	4.99	22.89	23.00	0.041	2021/7/27
Top Side	650000/3750	100M QPSK(135,67)	0.057	0.032	-3.79	22.89	23.00	0.058	2021/7/27

NOTE: Hotspot SAR test results of NR Band 78

10.1.16. SAR measurement Result of WLAN 2.4G

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Left Cheek	6/2437	802.11b	0.185	0.101	-3.10	13.54	14.00	0.206	2021/7/20
Left Tilt 15 Degree	6/2437	802.11b	0.107	0.055	4.11	13.54	14.00	0.119	2021/7/20
Right Cheek	6/2437	802.11b	0.164	0.094	-3.08	13.54	14.00	0.182	2021/7/20
Right Tilt 15 Degree	6/2437	802.11b	0.085	0.044	3.17	13.54	14.00	0.094	2021/7/20

NOTE: Head SAR test results of WLAN 2.4G

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Front Side	6/2437	802.11b	0.061	0.025	-3.19	13.54	14.00	0.068	2021/7/20
Back Side	6/2437	802.11b	0.097	0.041	-2.51	13.54	14.00	0.108	2021/7/20

NOTE: Body-Worn SAR test results of WLAN 2.4G

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Front Side	6/2437	802.11b	0.061	0.025	-3.19	13.54	14.00	0.068	2021/7/20
Back Side	6/2437	802.11b	0.097	0.041	-2.51	13.54	14.00	0.108	2021/7/20
Right Side	6/2437	802.11b	0.022	0.009	-0.85	13.54	14.00	0.024	2021/7/20
Top Side	6/2437	802.11b	0.032	0.013	-1.12	13.54	14.00	0.036	2021/7/20

NOTE: Hotspot SAR test results of WLAN 2.4G

10.1.17. SAR measurement Result of WLAN 5.2G

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Left Cheek	40/5200	802.11a	0.295	0.125	1.29	9.12	10.00	0.361	2021/7/21
Left Tilt 15 Degree	40/5200	802.11a	0.161	0.067	2.41	9.12	10.00	0.197	2021/7/21
Right Cheek	40/5200	802.11a	0.255	0.103	0.96	9.12	10.00	0.312	2021/7/21
Right Tilt 15 Degree	40/5200	802.11a	0.119	0.049	1.29	9.12	10.00	0.146	2021/7/21

NOTE: Head SAR test results of WLAN 5.2G

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Front Side	40/5200	802.11a	0.082	0.047	-1.81	9.12	10.00	0.100	2021/7/21
Back Side	40/5200	802.11a	0.131	0.075	3.91	9.12	10.00	0.160	2021/7/21

NOTE: Body-Worn SAR test results of WLAN 5.2G

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Front Side	40/5200	802.11a	0.082	0.047	-1.81	9.12	10.00	0.100	2021/7/21
Back Side	40/5200	802.11a	0.131	0.075	3.91	9.12	10.00	0.160	2021/7/21
Right Side	40/5200	802.11a	0.031	0.018	-1.08	9.12	10.00	0.038	2021/7/21
Top Side	40/5200	802.11a	0.040	0.026	0.15	9.12	10.00	0.049	2021/7/21

NOTE: Hotspot SAR test results of WLAN 5.2G

10.1.18. SAR measurement Result of WLAN 5.8G

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Left Cheek	157/5785	802.11a	0.341	0.129	-1.20	12.01	12.50	0.382	2021/7/26
Left Tilt 15	157/5785	802.11a	0.178	0.066	-0.06	12.01	12.50	0.199	2021/7/26

Degree									
Right Cheek	157/5785	802.11a	0.298	0.110	-1.34	12.01	12.50	0.334	2021/7/26
Right Tilt 15 Degree	157/5785	802.11a	0.157	0.059	-4.45	12.01	12.50	0.176	2021/7/26

NOTE: Head SAR test results of WLAN 5.8G

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Front Side	157/5785	802.11a	0.117	0.062	4.43	12.01	12.50	0.131	2021/7/26
Back Side	157/5785	802.11a	0.191	0.101	-0.12	12.01	12.50	0.214	2021/7/26

NOTE: Body-Worn SAR test results of WLAN 5.8G

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date
			1g	10g					
Front Side	157/5785	802.11a	0.117	0.062	4.43	12.01	12.50	0.131	2021/7/26
Back Side	157/5785	802.11a	0.191	0.101	-0.12	12.01	12.50	0.214	2021/7/26
Right Side	157/5785	802.11a	0.044	0.024	-2.59	12.01	12.50	0.049	2021/7/26
Top Side	157/5785	802.11a	0.064	0.033	-2.94	12.01	12.50	0.072	2021/7/26

NOTE: Hotspot SAR test results of WLAN 5.8G

10.2. Simultaneous Transmission Analysis

Per KDB 447498 D01, simultaneous transmission SAR is compliant if,

- Scalar SAR summation < 1.6W/kg.
- $SPLSR = (SAR_1 + SAR_2)^{1.5} / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2]$, where (x_1, y_1, z_1) and (x_2, y_2, z_2) are the coordinates of the extrapolated peak SAR locations in the zoom scan. If $SPLSR \leq 0.04$, simultaneously transmission SAR measurement is not necessary.

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	DTS			
Head	Left Cheek	0.557	0.206	0.763	N/A	N/A
	Left Tilt 15 Degree	0.313	0.119	0.432	N/A	N/A
	Right Cheek	0.478	0.182	0.660	N/A	N/A
	Right Tilt 15 Degree	0.247	0.094	0.341	N/A	N/A

Body-Worn	Front Side	0.420	0.068	0.488	N/A	N/A
	Back Side	0.675	0.108	0.783	N/A	N/A
Hotspot	Front Side	0.420	0.068	0.488	N/A	N/A
	Back Side	0.675	0.108	0.783	N/A	N/A
	Left Side	0.258	N/A	0.258	N/A	N/A
	Right Side	0.213	0.024	0.237	N/A	N/A
	Top Side	0.343	0.036	0.379	N/A	N/A
	Bottom Side	0.338	N/A	0.338	N/A	N/A

Test Position		Scaled SAR _{MAX}		$\Sigma 1\text{-g SAR}$ (W/Kg)	SPLSR	Remark
		WWAN	NII			
Head	Left Cheek	0.557	0.382	0.939	N/A	N/A
	Left Tilt 15 Degree	0.313	0.199	0.512	N/A	N/A
	Right Cheek	0.478	0.334	0.812	N/A	N/A
	Right Tilt 15 Degree	0.247	0.176	0.423	N/A	N/A
Body-Worn	Front Side	0.420	0.131	0.551	N/A	N/A
	Back Side	0.675	0.214	0.889	N/A	N/A
Hotspot	Front Side	0.420	0.131	0.551	N/A	N/A
	Back Side	0.675	0.214	0.889	N/A	N/A
	Left Side	0.258	0.000	0.258	N/A	N/A
	Right Side	0.213	0.049	0.262	N/A	N/A
	Top Side	0.343	0.072	0.415	N/A	N/A
	Bottom Side	0.338	N/A	0.338	N/A	N/A

Test Position		Scaled SAR _{MAX}		$\Sigma 1\text{-g SAR}$ (W/Kg)	SPLSR	Remark
		WWAN	DSS			
Head	Left Cheek	0.557	0.188	0.745	N/A	N/A
	Left Tilt 15 Degree	0.313	0.188	0.501	N/A	N/A
	Right Cheek	0.478	0.188	0.666	N/A	N/A
	Right Tilt 15 Degree	0.247	0.188	0.435	N/A	N/A
Body-Worn	Front Side	0.420	0.094	0.514	N/A	N/A

	Back Side	0.675	0.094	0.769	N/A	N/A
	Front Side	0.420	0.094	0.514	N/A	N/A
	Back Side	0.675	0.094	0.769	N/A	N/A
	Left Side	0.258	N/A	0.258	N/A	N/A
	Right Side	0.213	0.094	0.307	N/A	N/A
	Top Side	0.343	0.094	0.437	N/A	N/A
	Bottom Side	0.338	N/A	0.338	N/A	N/A

Test Position		Scaled SAR _{MAX}			Σ 1-g SAR (W/Kg)	SPLSR	Remark
		NR N78	LTE Band5	DTS			
Head	Left Cheek	0.557	0.220	0.206	0.983	N/A	N/A
	Left Tilt 15 Degree	0.313	0.123	0.119	0.555	N/A	N/A
	Right Cheek	0.478	0.206	0.182	0.866	N/A	N/A
	Right Tilt 15 Degree	0.247	0.095	0.094	0.436	N/A	N/A
Body-Worn	Front Side	0.104	0.212	0.068	0.384	N/A	N/A
	Back Side	0.173	0.313	0.108	0.594	N/A	N/A
Hotspot	Front Side	0.104	0.212	0.068	0.384	N/A	N/A
	Back Side	0.173	0.313	0.108	0.594	N/A	N/A
	Left Side	0.078	0.109	N/A	0.187	N/A	N/A
	Right Side	N/A	0.102	0.024	0.126	N/A	N/A
	Top Side	0.120	N/A	0.036	0.156	N/A	N/A
	Bottom Side	N/A	0.170	N/A	0.170	N/A	N/A

Test Position		Scaled SAR _{MAX}			Σ 1-g SAR (W/Kg)	SPLSR	Remark
		NR N78	LTE Band5	NII			
Head	Left Cheek	0.557	0.220	0.382	1.159	N/A	N/A
	Left Tilt 15 Degree	0.313	0.123	0.199	0.635	N/A	N/A
	Right Cheek	0.478	0.206	0.334	1.018	N/A	N/A

	Right Tilt 15 Degree	0.247	0.095	0.176	0.518	N/A	N/A
Body-Worn	Front Side	0.104	0.212	0.131	0.447	N/A	N/A
	Back Side	0.173	0.313	0.214	0.700	N/A	N/A
Hotspot	Front Side	0.104	0.212	0.131	0.447	N/A	N/A
	Back Side	0.173	0.313	0.214	0.700	N/A	N/A
	Left Side	0.078	0.109	0.000	0.187	N/A	N/A
	Right Side	N/A	0.102	0.049	0.151	N/A	N/A
	Top Side	0.120	N/A	0.072	0.192	N/A	N/A
	Bottom Side	N/A	0.170	N/A	0.170	N/A	N/A

Test Position		Scaled SAR _{MAX}			Σ 1-g SAR (W/Kg)	SPLSR	Remark
		NR N78	LTE Band5	DSS			
Head	Left Cheek	0.557	0.220	0.188	0.965	N/A	N/A
	Left Tilt 15 Degree	0.313	0.123	0.188	0.624	N/A	N/A
	Right Cheek	0.478	0.206	0.188	0.872	N/A	N/A
	Right Tilt 15 Degree	0.247	0.095	0.188	0.530	N/A	N/A
Body-Worn	Front Side	0.104	0.212	0.094	0.410	N/A	N/A
	Back Side	0.173	0.313	0.094	0.580	N/A	N/A
Hotspot	Front Side	0.104	0.212	0.094	0.410	N/A	N/A
	Back Side	0.173	0.313	0.094	0.580	N/A	N/A
	Left Side	0.078	0.109	N/A	0.187	N/A	N/A
	Right Side	N/A	0.102	0.094	0.196	N/A	N/A
	Top Side	0.120	N/A	0.094	0.214	N/A	N/A
	Bottom Side	N/A	0.170	N/A	0.170	N/A	N/A

11. Appendix A. Photo documentation

Refer to appendix Test Setup photo---SAR

12. Appendix B. System Check Plots

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MEASUREMENT 1 System Performance Check - 750MHz
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MEASUREMENT 6 System Performance Check - 2600MHz
MEASUREMENT 7 System Performance Check - 3700MHz
MEASUREMENT 8 System Performance Check - 5200MHz
MEASUREMENT 9 System Performance Check - 5800MHz

MEASUREMENT 1

Date of measurement: 22/7/2021

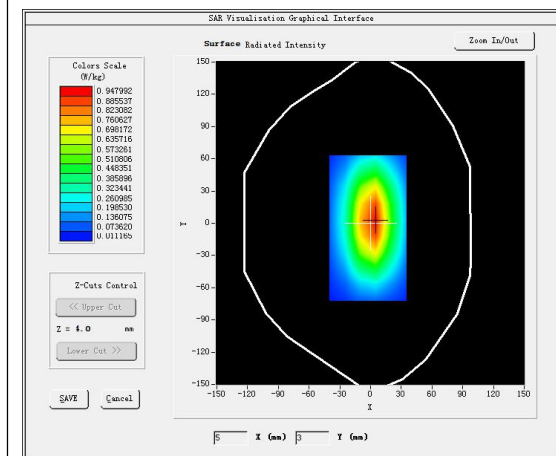
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW750</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

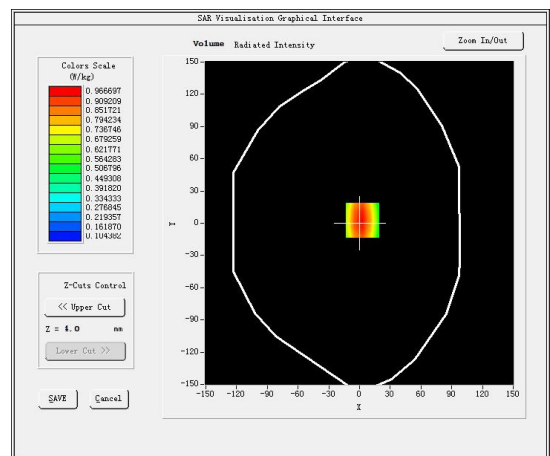
B. SAR Measurement Results

Frequency (MHz)	750.000000
Relative permittivity (real part)	41.223735
Relative permittivity (imaginary part)	21.451881
Conductivity (S/m)	0.893828
Variation (%)	-1.050000

SURFACE SAR



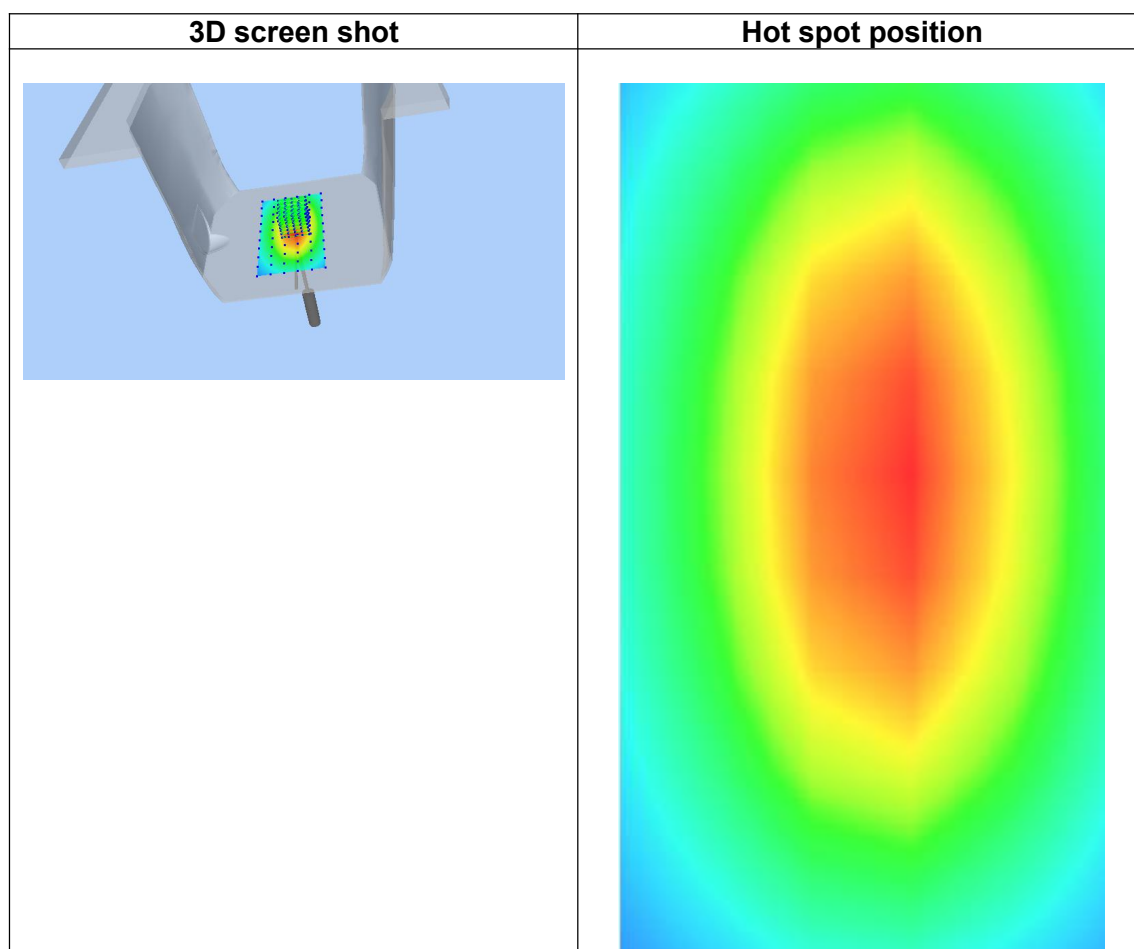
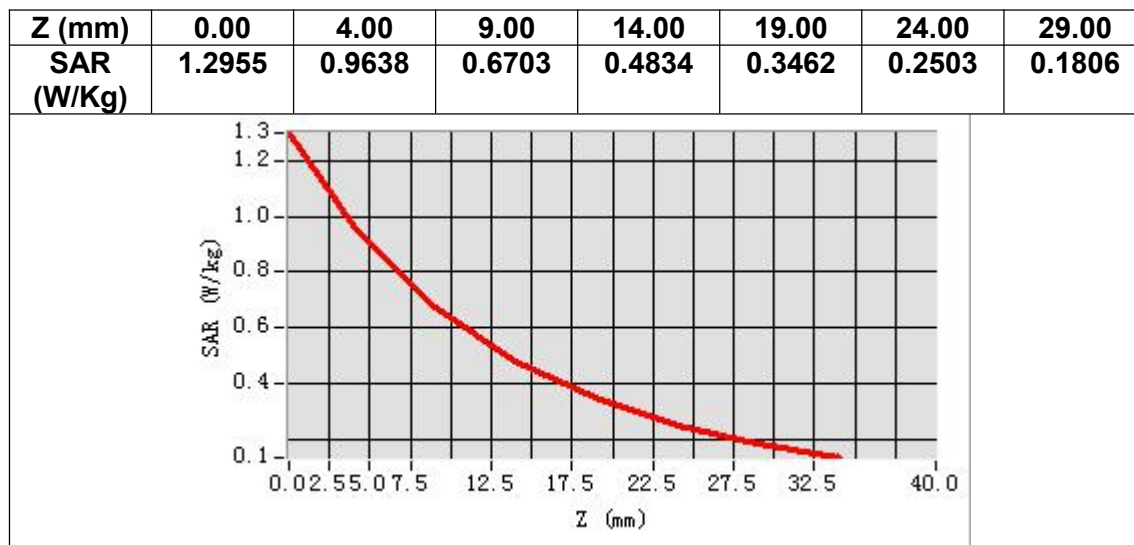
VOLUME SAR



Maximum location: X=3.00, Y=3.00

SAR Peak: 1.30 W/kg

SAR 10g (W/Kg)	0.574028
SAR 1g (W/Kg)	0.883123



MEASUREMENT 2

Date of measurement: 12/7/2021

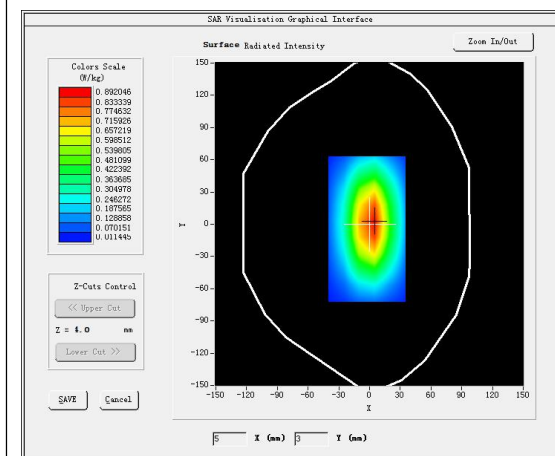
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW835</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

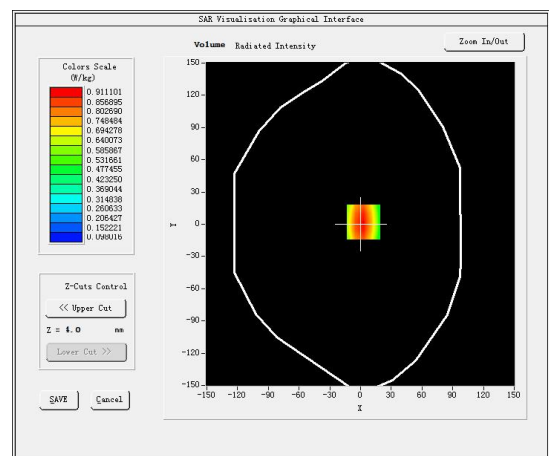
B. SAR Measurement Results

Frequency (MHz)	835.000000
Relative permittivity (real part)	42.789218
Relative permittivity (imaginary part)	19.935583
Conductivity (S/m)	0.924790
Variation (%)	-1.210000

SURFACE SAR



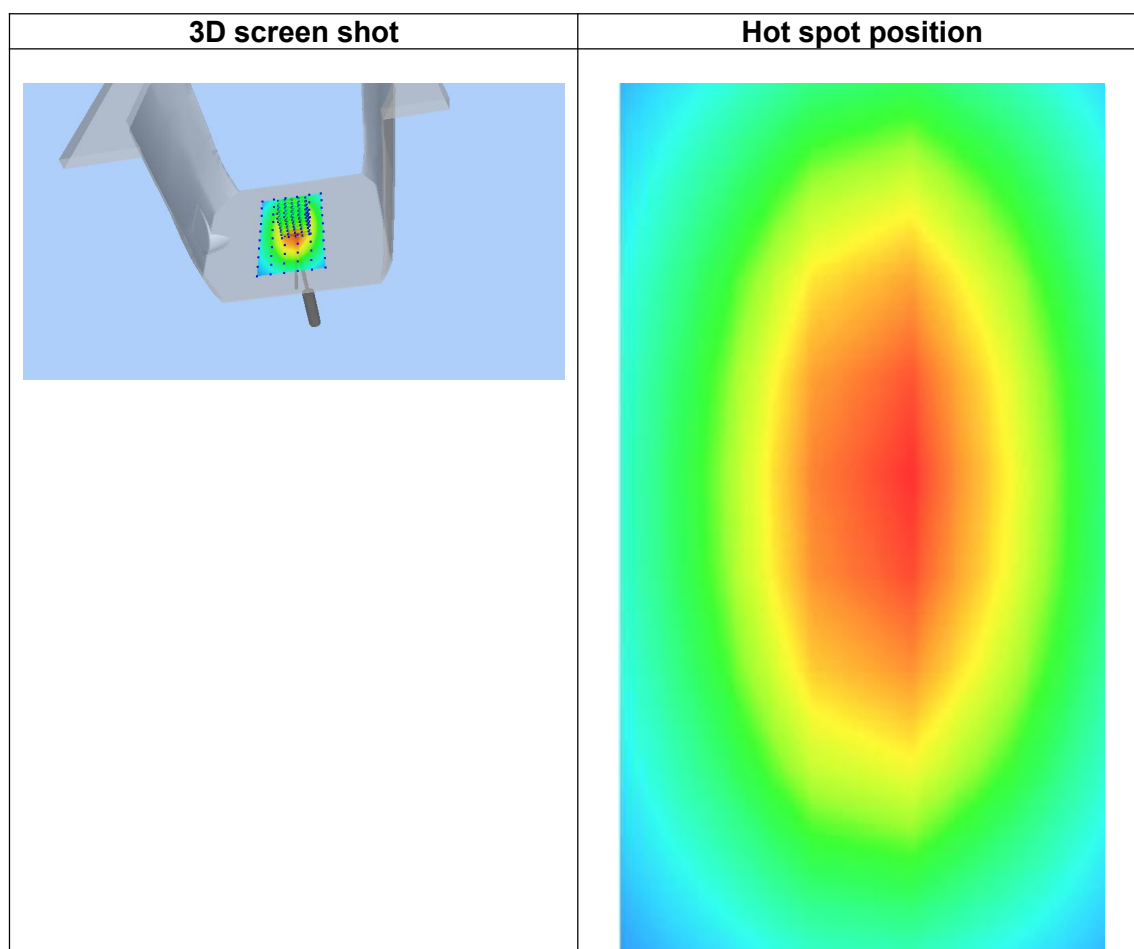
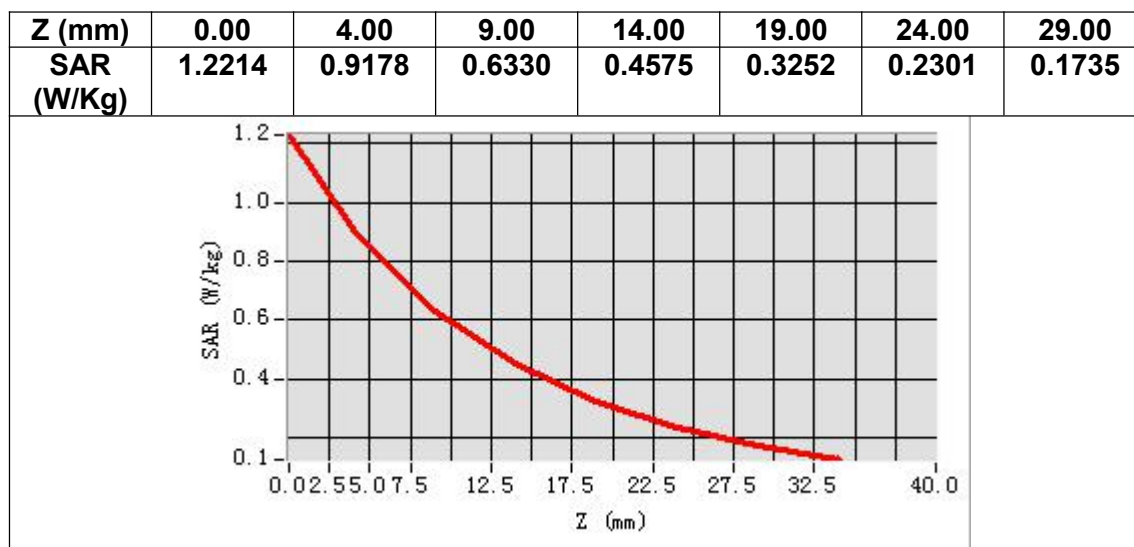
VOLUME SAR



Maximum location: X=3.00, Y=2.00

SAR Peak: 1.23 W/kg

SAR 10g (W/Kg)	0.618003
SAR 1g (W/Kg)	0.975113



MEASUREMENT 3

Date of measurement: 15/7/2021

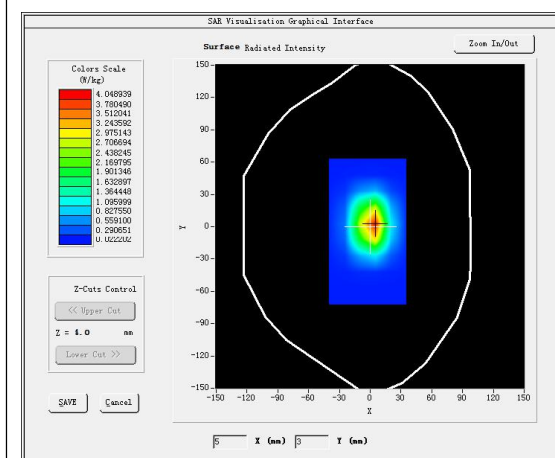
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW1800</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

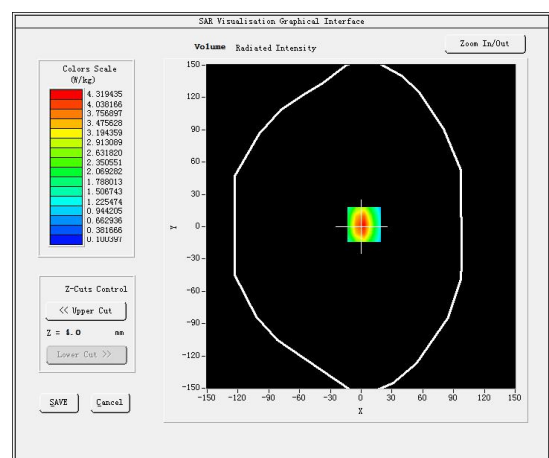
B. SAR Measurement Results

Frequency (MHz)	1800.000000
Relative permittivity (real part)	39.717856
Relative permittivity (imaginary part)	13.755123
Conductivity (S/m)	1.375512
Variation (%)	-0.17000

SURFACE SAR



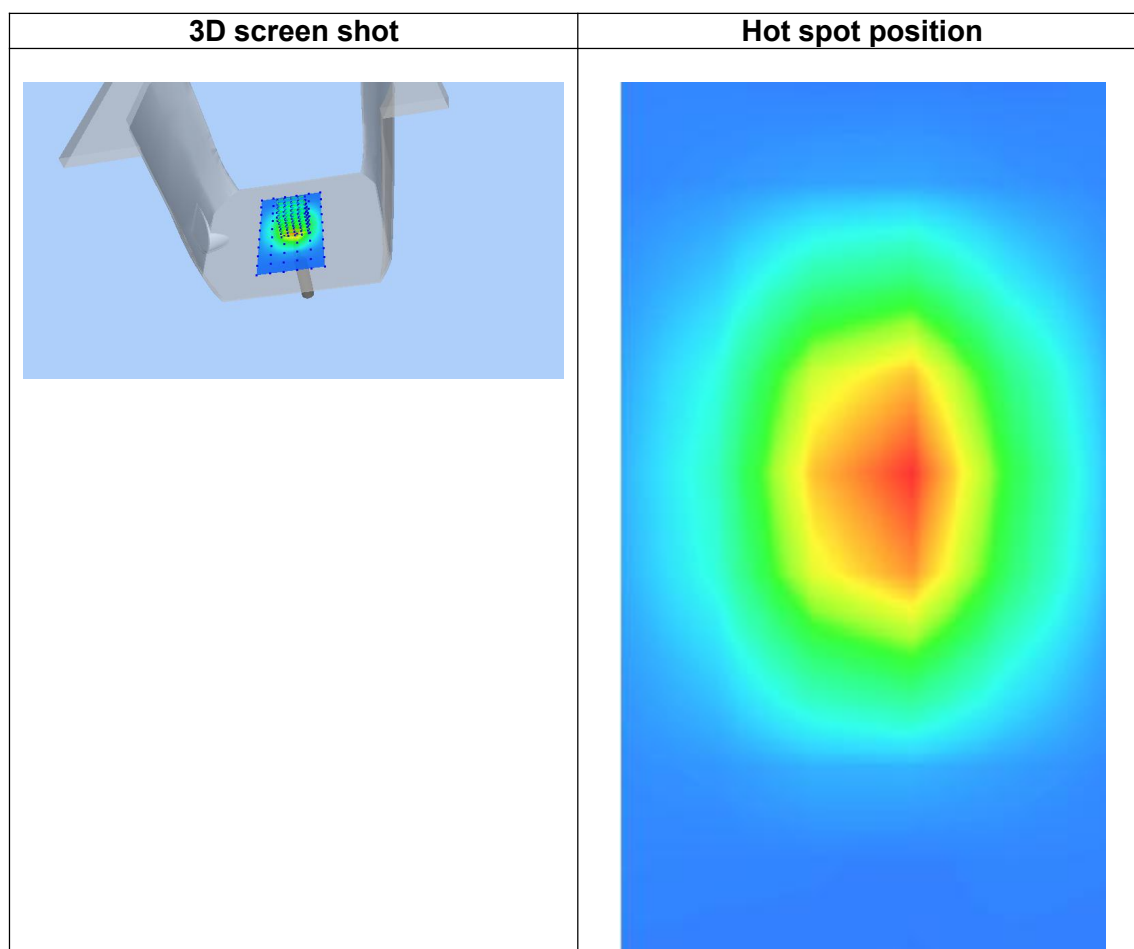
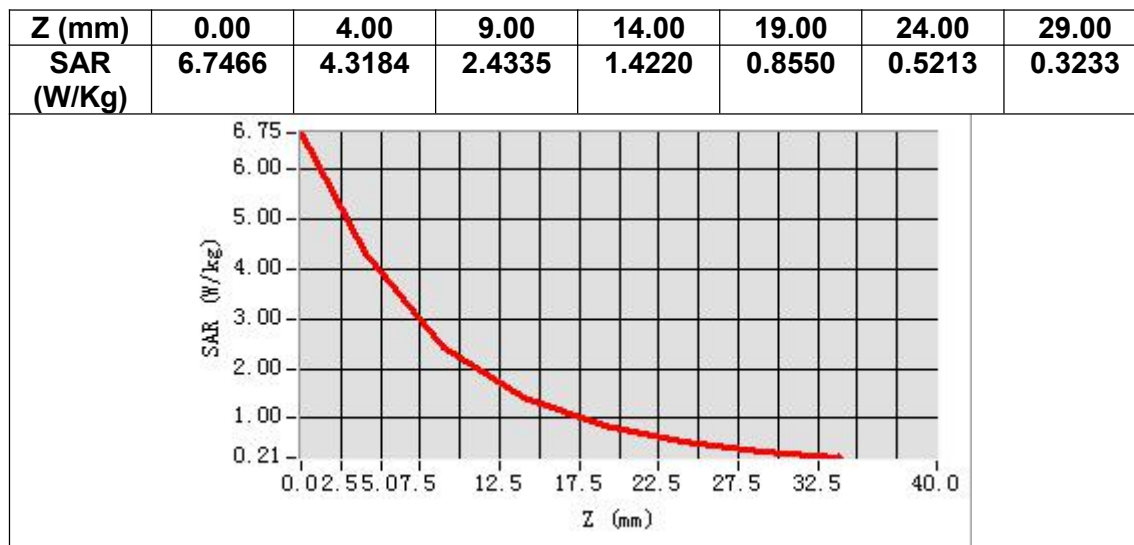
VOLUME SAR



Maximum location: X=3.00, Y=2.00

SAR Peak: 6.82 W/kg

SAR 10g (W/Kg)	2.038367
SAR 1g (W/Kg)	3.965451



MEASUREMENT 4

Date of measurement: 19/7/2021

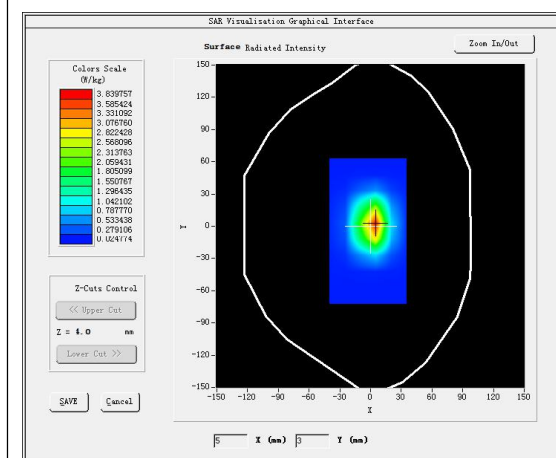
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

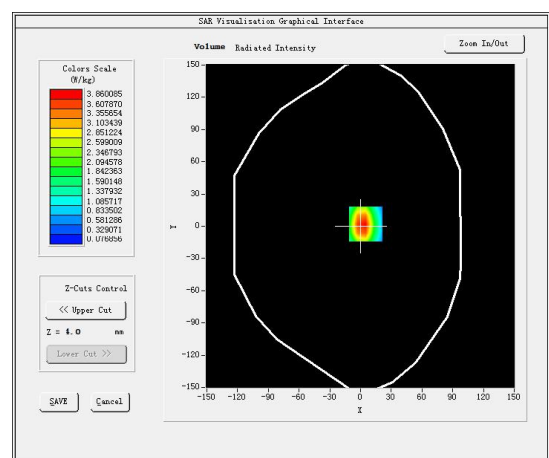
B. SAR Measurement Results

Frequency (MHz)	1900.000000
Relative permittivity (real part)	38.440114
Relative permittivity (imaginary part)	13.715587
Conductivity (S/m)	1.447756
Variation (%)	0.120000

SURFACE SAR



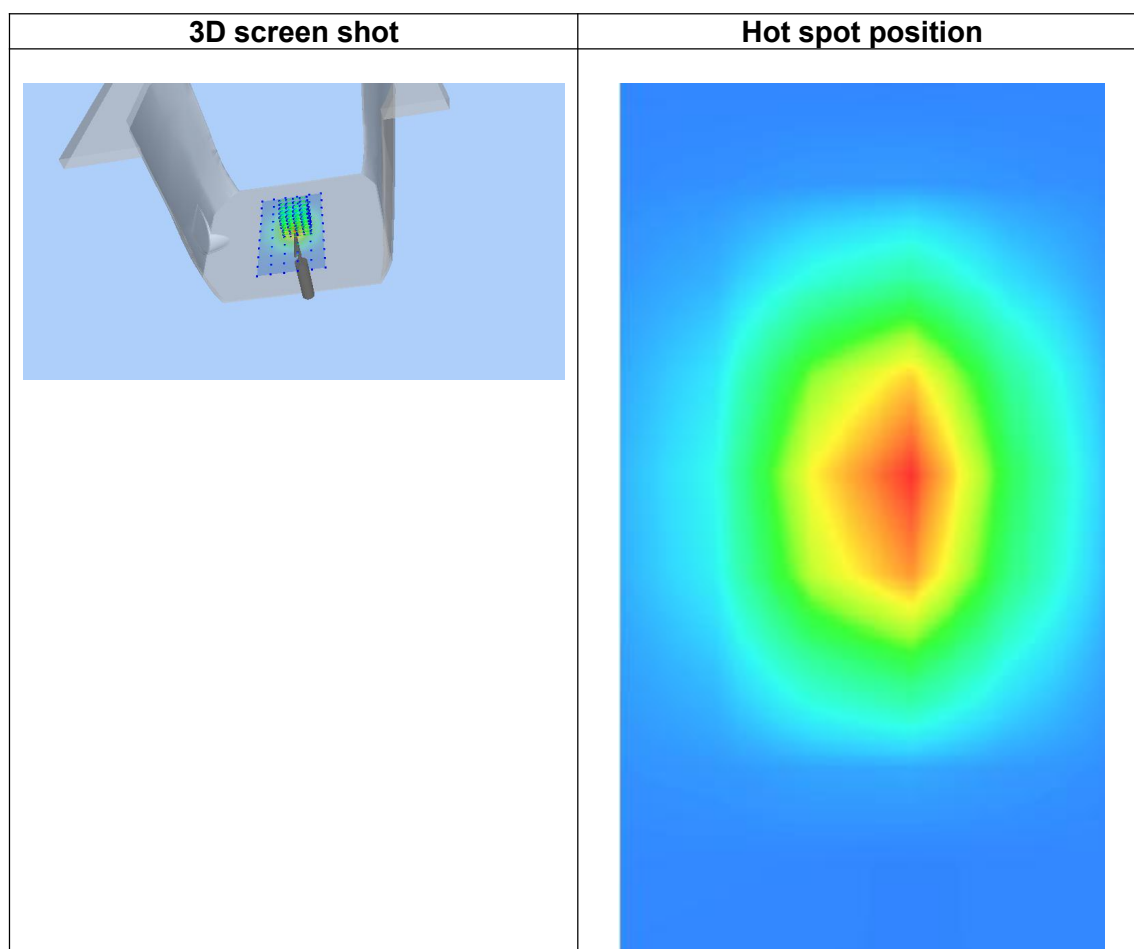
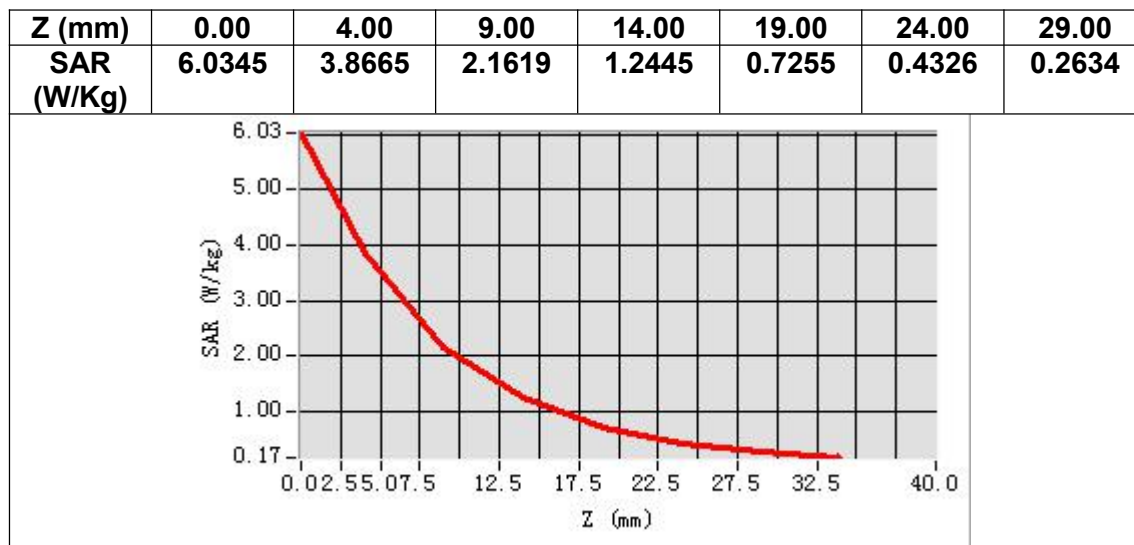
VOLUME SAR



Maximum location: X=5.00, Y=2.00

SAR Peak: 6.39 W/kg

SAR 10g (W/Kg)	2.113508
SAR 1g (W/Kg)	4.123097



MEASUREMENT 5

Date of measurement: 20/7/2021

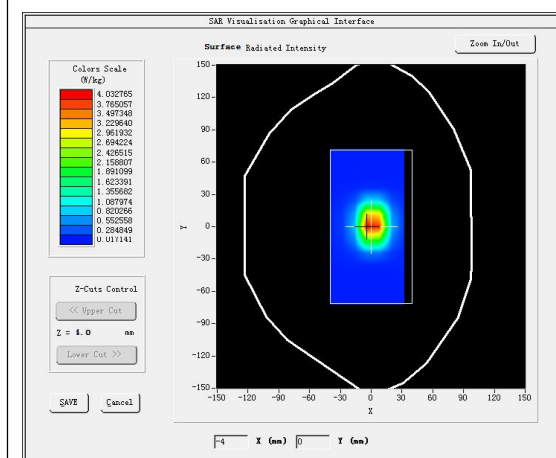
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW2450</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

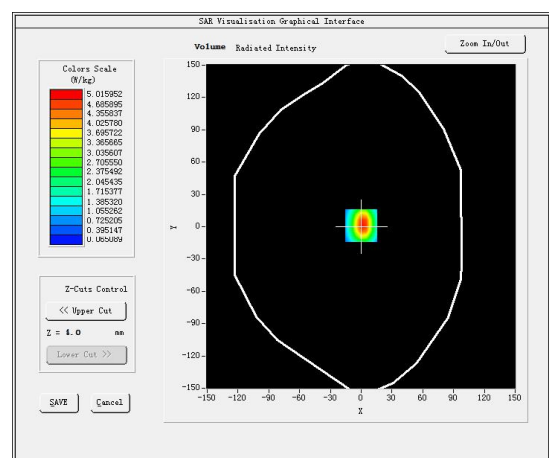
B. SAR Measurement Results

Frequency (MHz)	2450.000000
Relative permittivity (real part)	40.645620
Relative permittivity (imaginary part)	13.294399
Conductivity (S/m)	1.809515
Variation (%)	-0.310000

SURFACE SAR



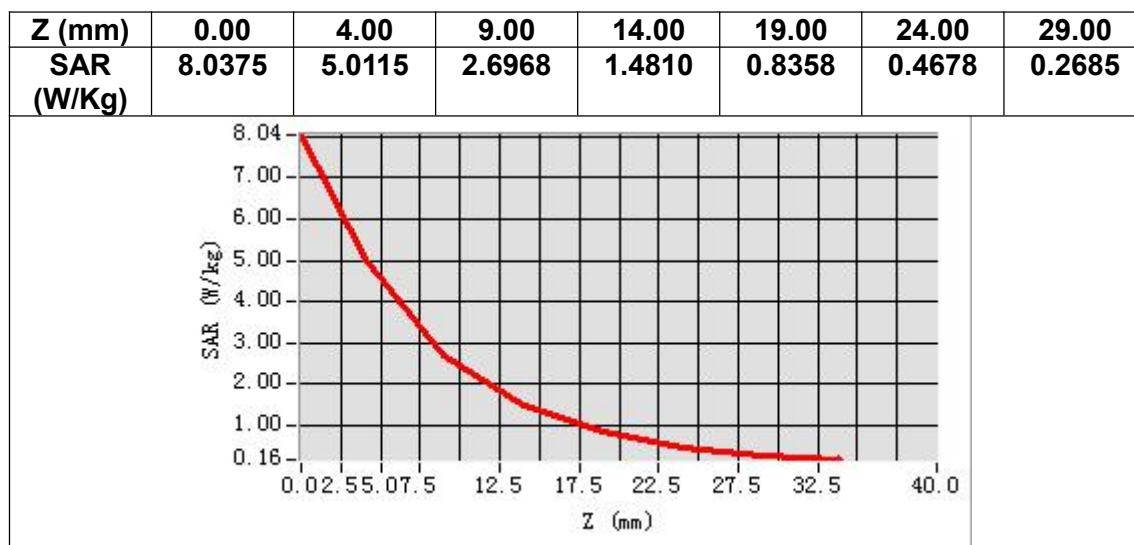
VOLUME SAR



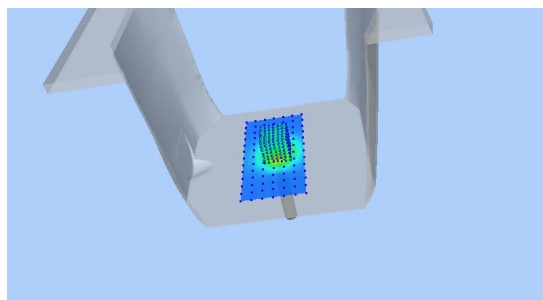
Maximum location: X=0.00, Y=1.00

SAR Peak: 8.14 W/kg

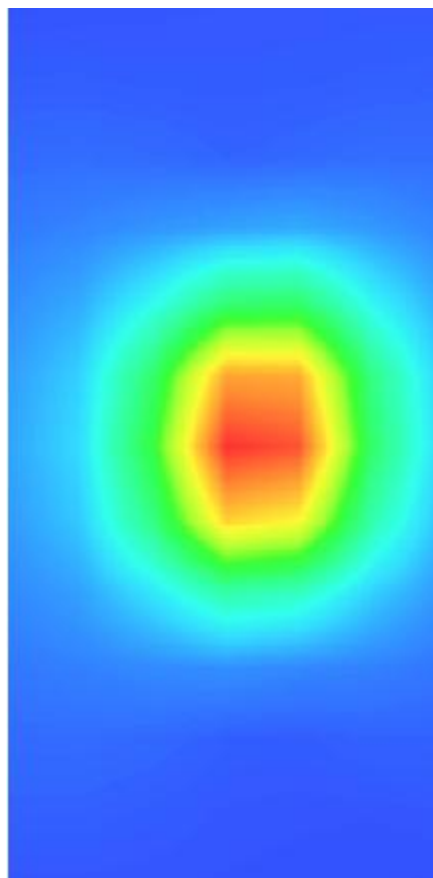
SAR 10g (W/Kg)	2.444786
SAR 1g (W/Kg)	5.346447



3D screen shot



Hot spot position



MEASUREMENT 6

Date of measurement: 17/7/2021

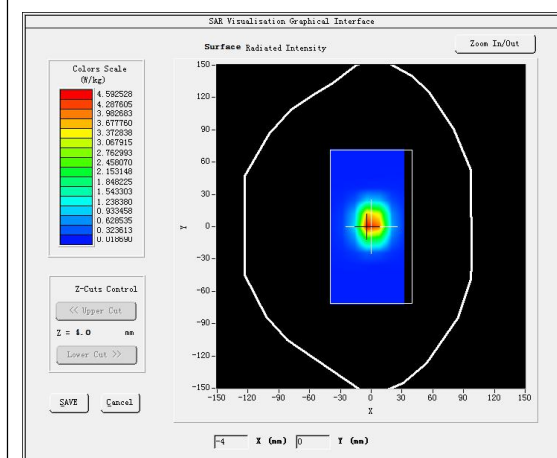
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW2600</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

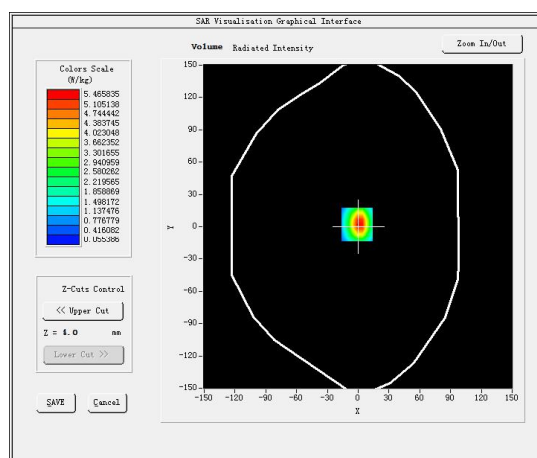
B. SAR Measurement Results

Frequency (MHz)	2600.000000
Relative permittivity (real part)	39.616992
Relative permittivity (imaginary part)	14.132609
Conductivity (S/m)	2.041377
Variation (%)	-4.240000

SURFACE SAR



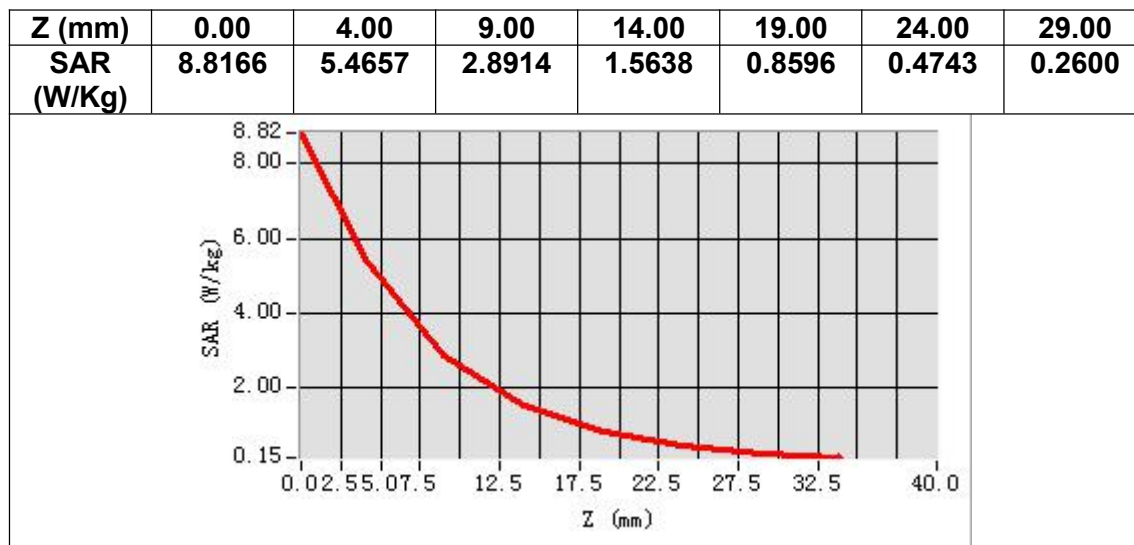
VOLUME SAR



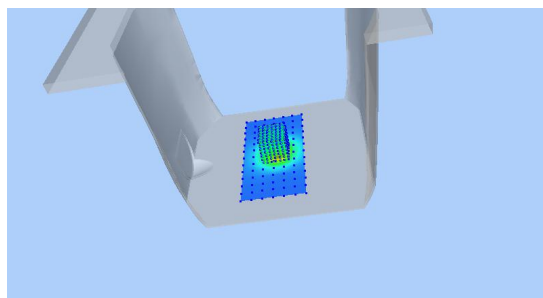
Maximum location: X=-1.00, Y=2.00

SAR Peak: 9.07 W/kg

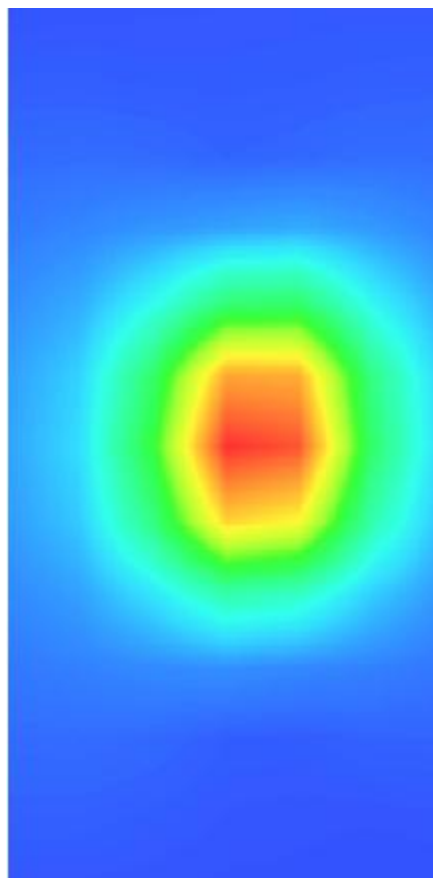
SAR 10g (W/Kg)	2.330205
SAR 1g (W/Kg)	5.463067



3D screen shot



Hot spot position



MEASUREMENT 7

Date of measurement: 27/7/2021

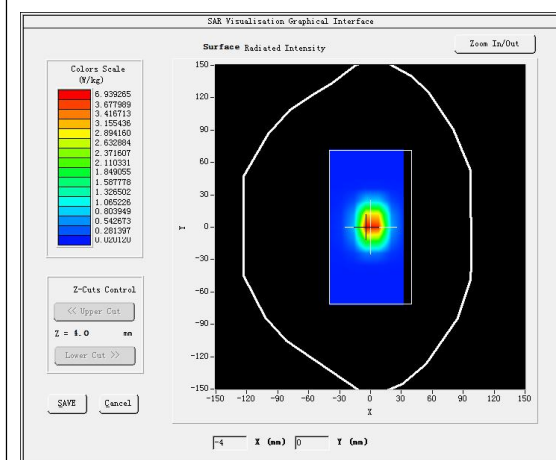
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW3700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

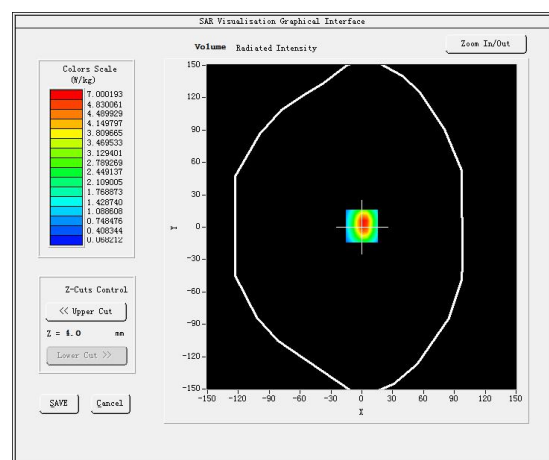
B. SAR Measurement Results

Frequency (MHz)	3700.000000
Relative permittivity (real part)	38.249997
Relative permittivity (imaginary part)	14.867174
Conductivity (S/m)	3.056030
Variation (%)	1.120000

SURFACE SAR



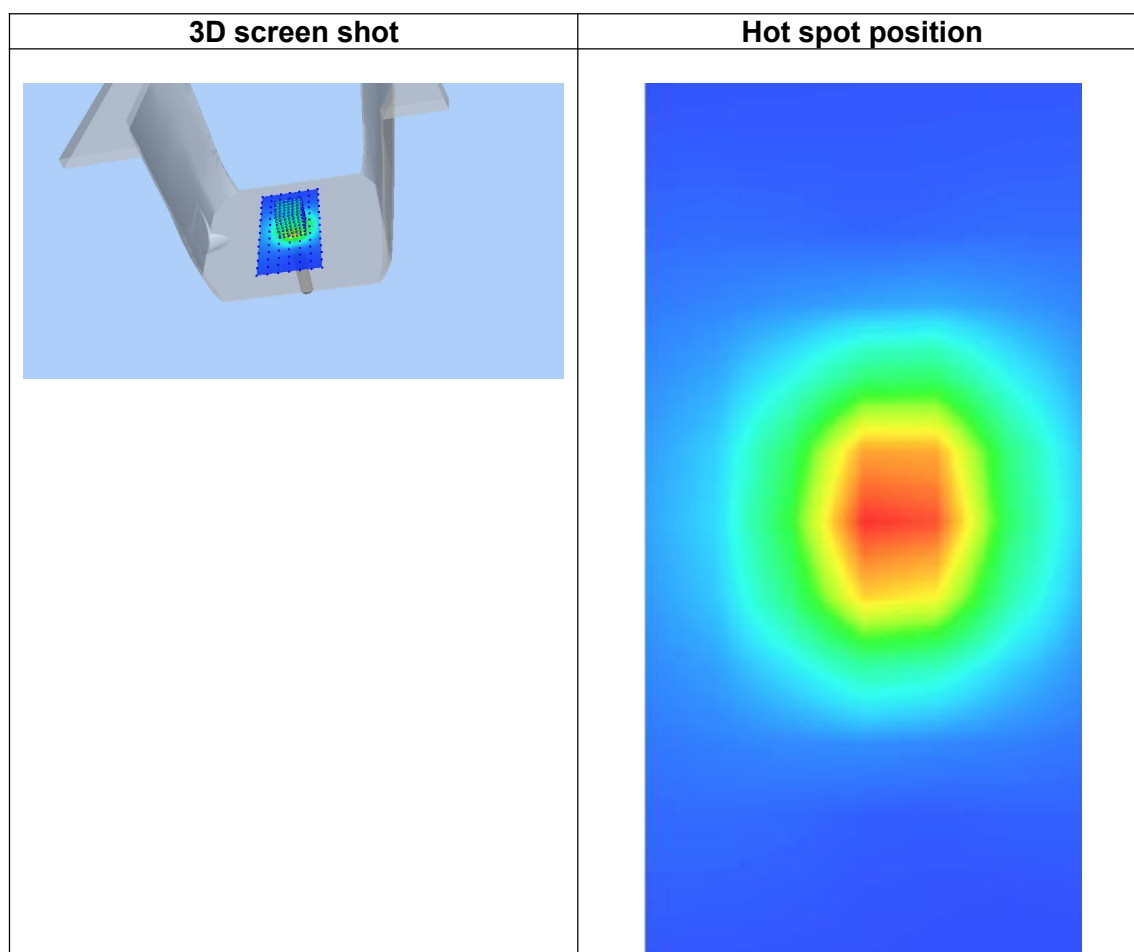
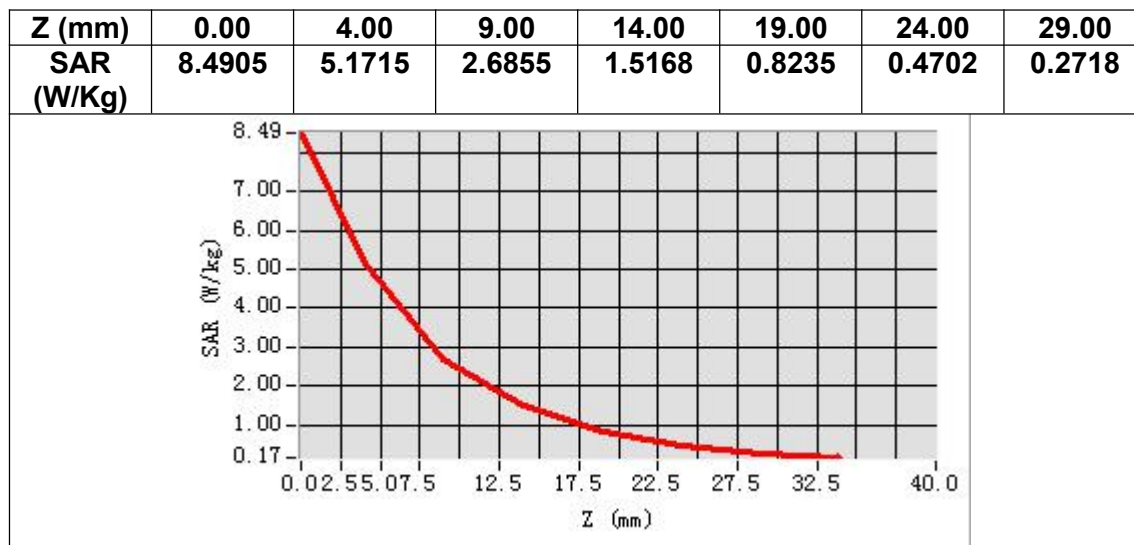
VOLUME SAR



Maximum location: X=0.00, Y=1.00

SAR Peak: 8.42 W/kg

SAR 10g (W/Kg)	2.448132
SAR 1g (W/Kg)	6.773023



MEASUREMENT 8

Date of measurement: 21/7/2021

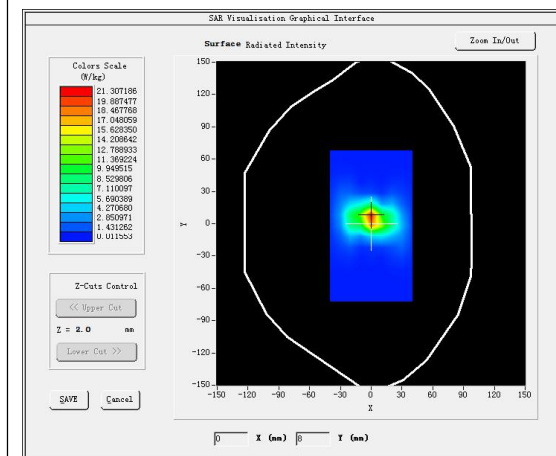
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW5200</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

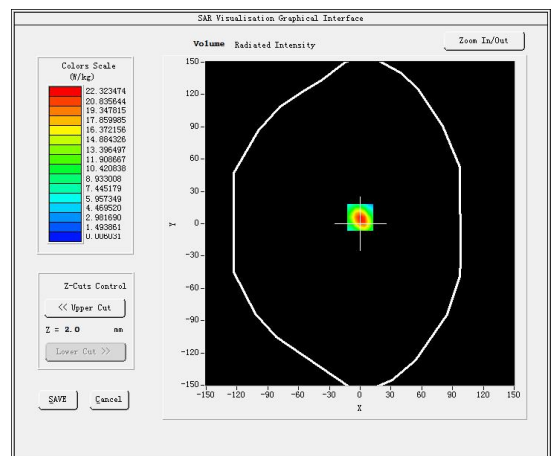
B. SAR Measurement Results

Frequency (MHz)	5200.000000
Relative permittivity (real part)	36.654322
Relative permittivity (imaginary part)	16.295178
Conductivity (S/m)	4.707496
Variation (%)	4.160000

SURFACE SAR



VOLUME SAR

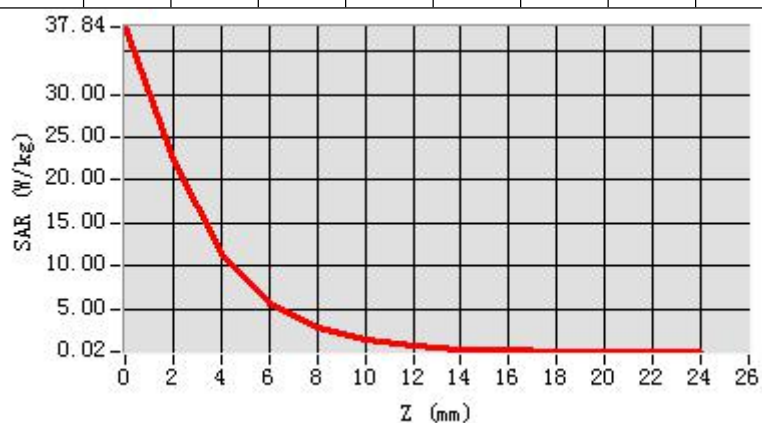


Maximum location: X=0.00, Y=6.00

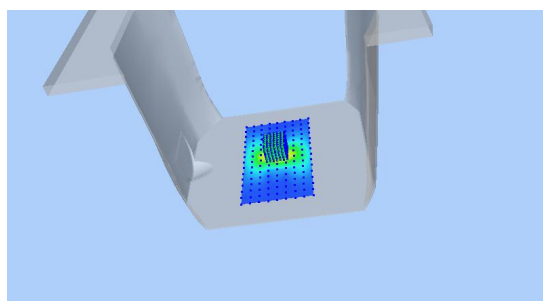
SAR Peak: 40.06 W/kg

SAR 10g (W/Kg)	5.562495
SAR 1g (W/Kg)	16.568221

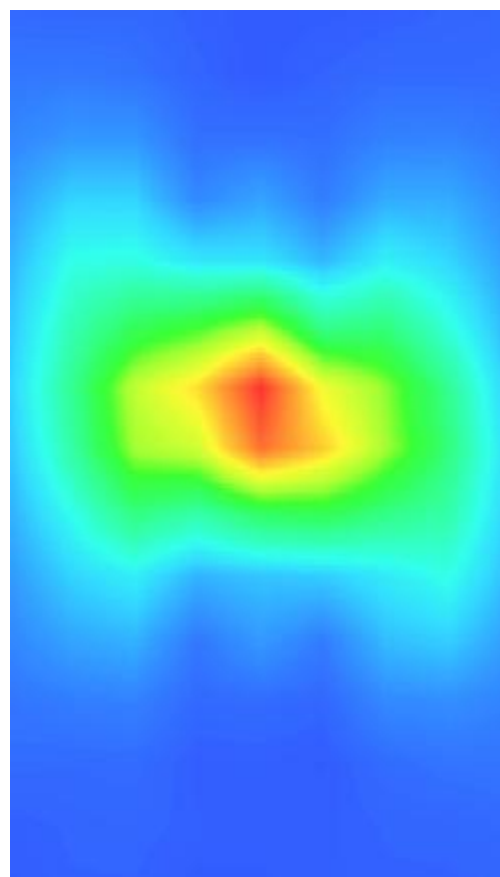
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	37.8 363	22.3 256	11.3 767	5.66 82	2.82 34	1.40 43	0.71 16	0.36 63	0.18 63	0.10 01	0.05 27	0.03 38



3D screen shot



Hot spot position



MEASUREMENT 9

Date of measurement: 26/7/2021

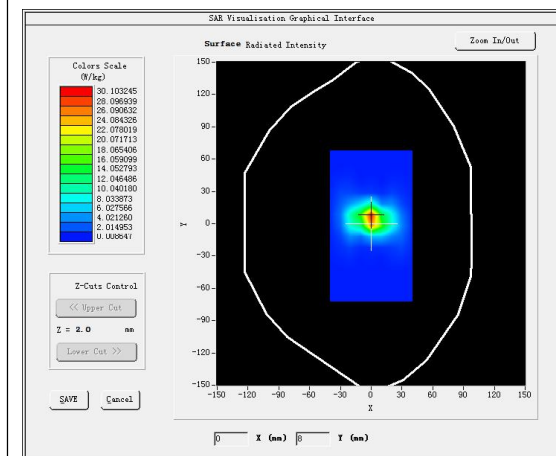
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW5800</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>

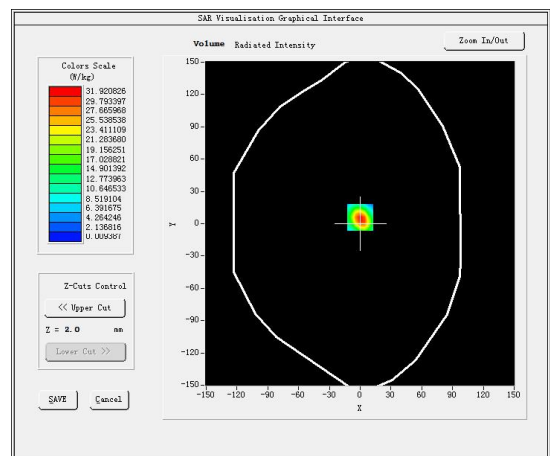
B. SAR Measurement Results

Frequency (MHz)	5800.000000
Relative permittivity (real part)	35.976461
Relative permittivity (imaginary part)	16.398912
Conductivity (S/m)	5.284094
Variation (%)	1.210000

SURFACE SAR



VOLUME SAR

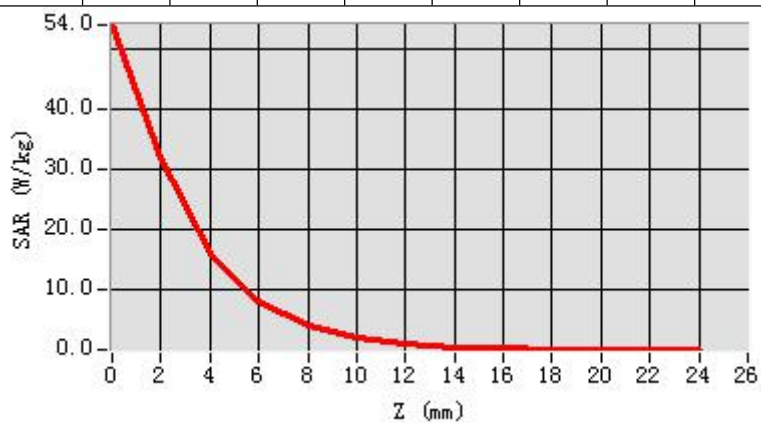


Maximum location: X=0.00, Y=6.00

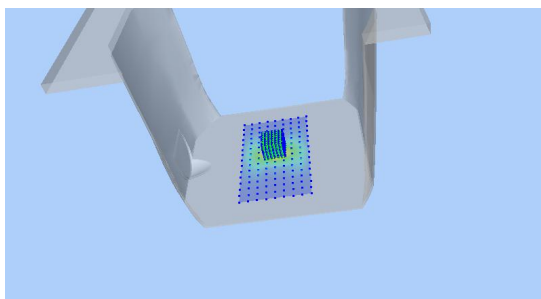
SAR Peak: 57.37 W/kg

SAR 10g (W/Kg)	6.137495
SAR 1g (W/Kg)	17.884386

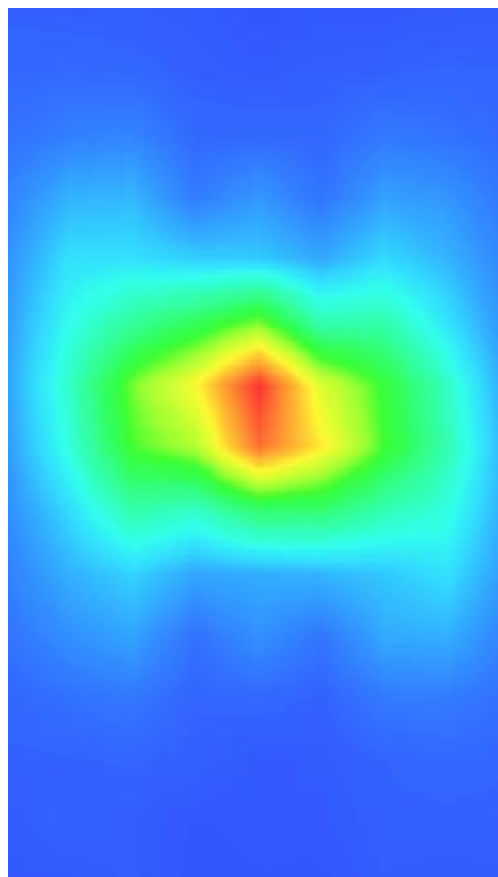
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	54.0 335	31.9 216	16.1 716	8.17 48	4.08 58	2.05 51	1.03 33	0.51 56	0.27 38	0.15 56	0.07 88	0.04 72



3D screen shot



Hot spot position



13. Appendix C. Plots of High SAR Measurement

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MEASUREMENT 1

Date of measurement: 12/7/2021

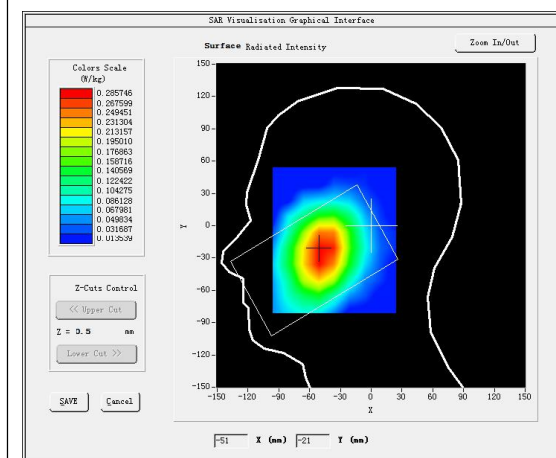
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>GSM850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 2.0)</u>

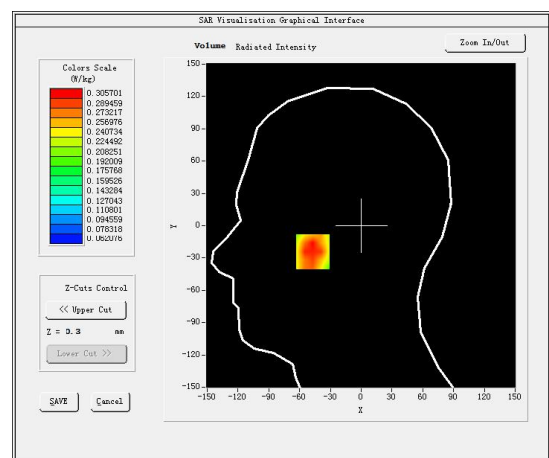
B. SAR Measurement Results

Frequency (MHz)	836.400000
Relative permittivity (real part)	42.704880
Relative permittivity (imaginary part)	19.961424
Conductivity (S/m)	0.927541
Variation (%)	2.480000

SURFACE SAR



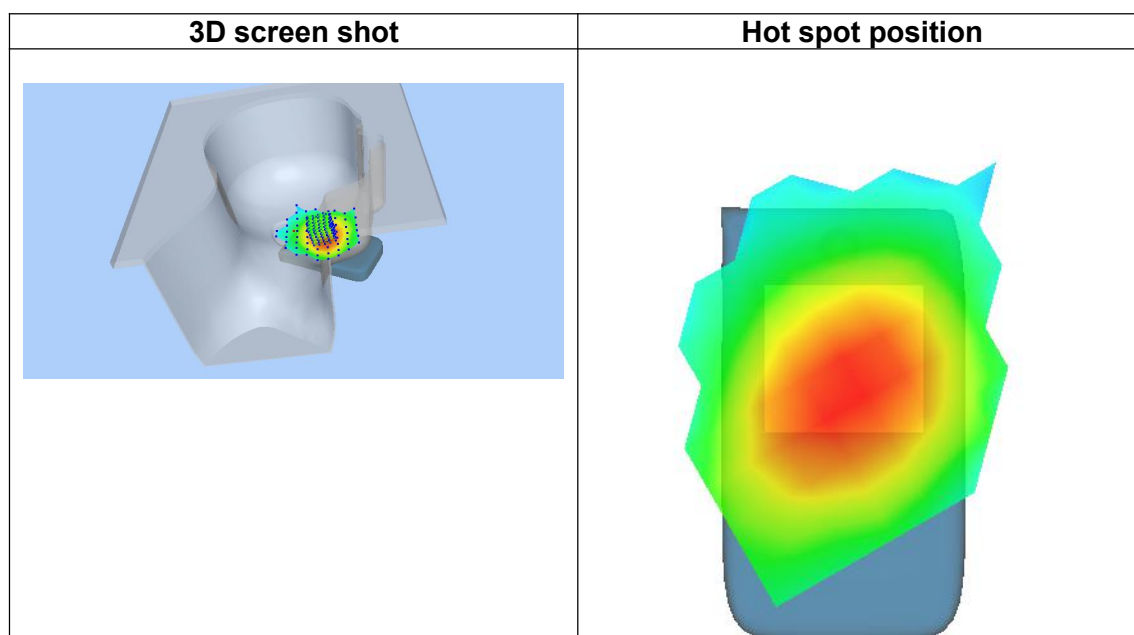
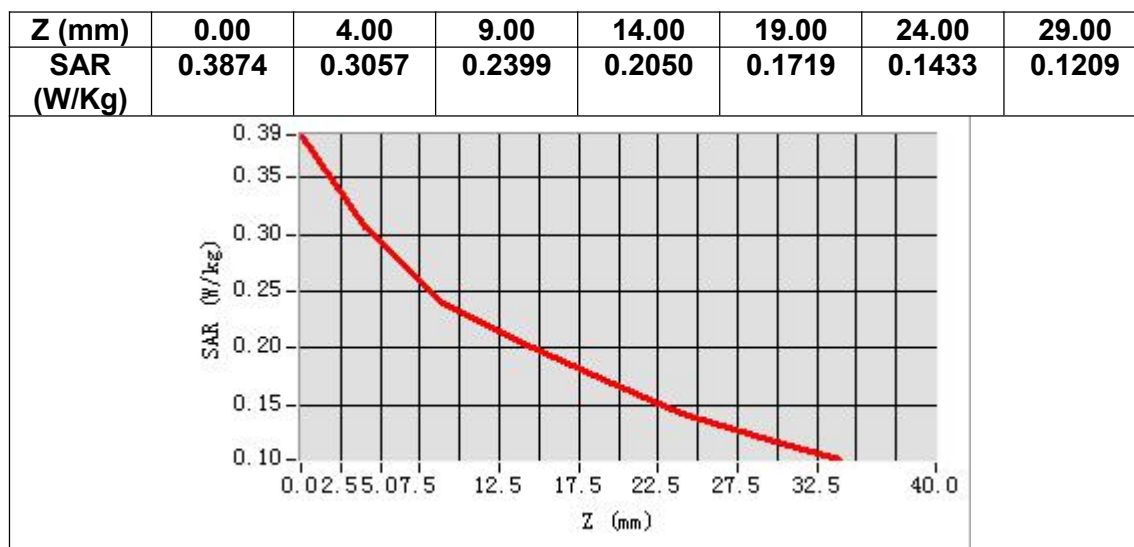
VOLUME SAR



Maximum location: X=-47.00, Y=-24.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.231808
SAR 1g (W/Kg)	0.303008



MEASUREMENT 2

Date of measurement: 12/7/2021

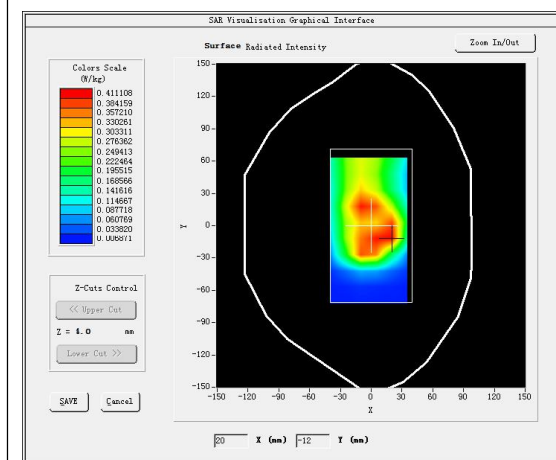
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 2.0)</u>

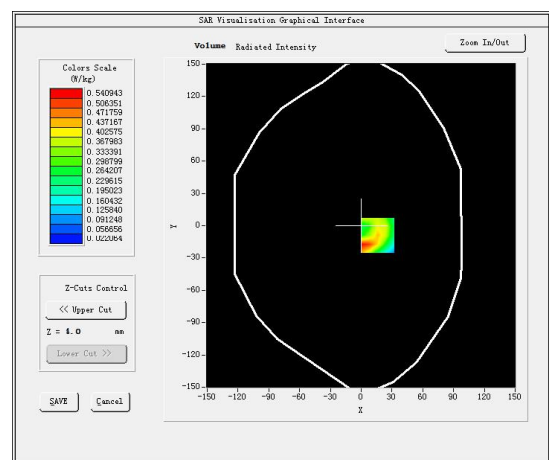
B. SAR Measurement Results

Frequency (MHz)	836.400000
Relative permittivity (real part)	42.704880
Relative permittivity (imaginary part)	19.961424
Conductivity (S/m)	0.927541
Variation (%)	-2.760000

SURFACE SAR



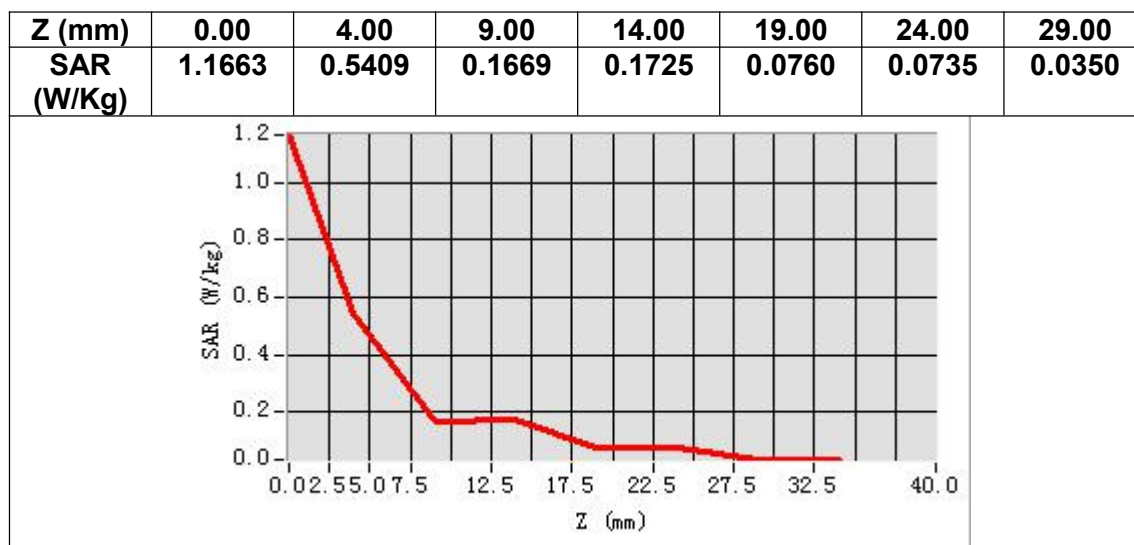
VOLUME SAR



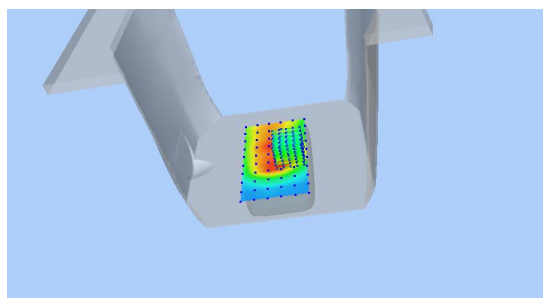
Maximum location: X=16.00, Y=-9.00

SAR Peak: 0.87 W/kg

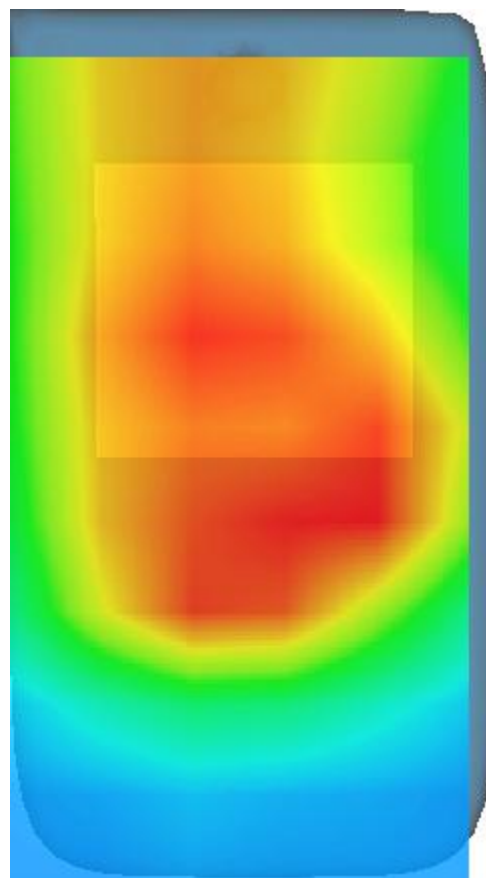
SAR 10g (W/Kg)	0.286432
SAR 1g (W/Kg)	0.483902



3D screen shot



Hot spot position



MEASUREMENT 3

Date of measurement: 19/7/2021

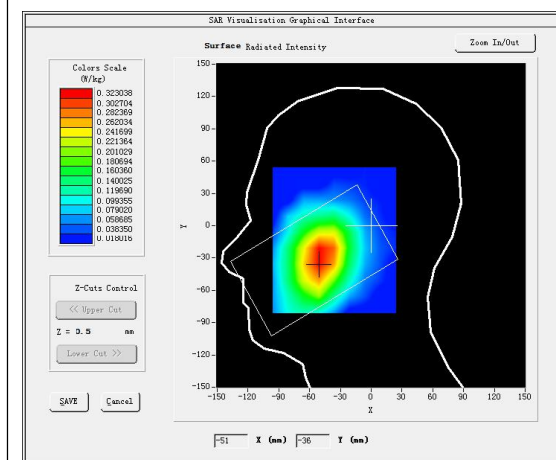
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 2.0)</u>

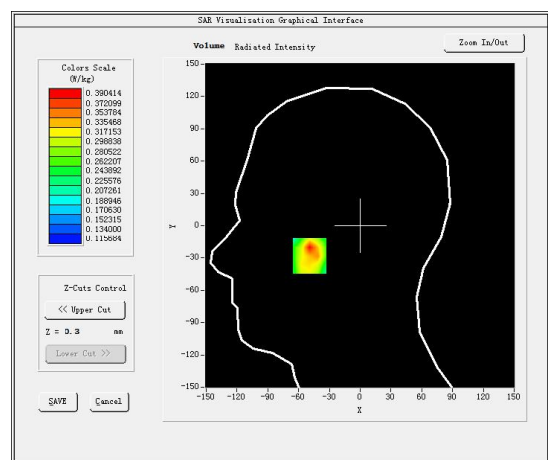
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.526512
Relative permittivity (imaginary part)	13.733387
Conductivity (S/m)	1.434376
Variation (%)	-0.480000

SURFACE SAR



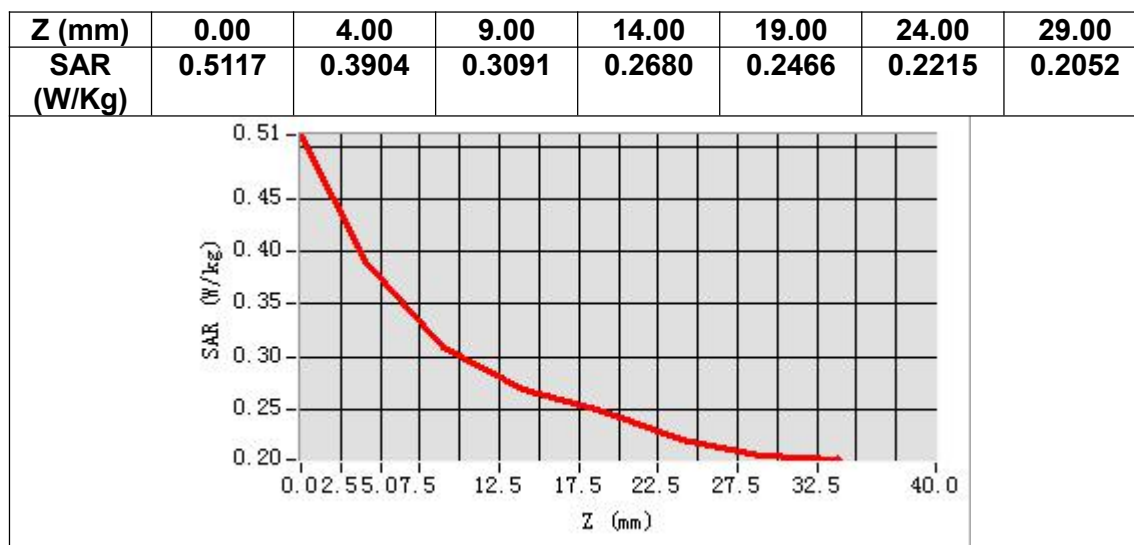
VOLUME SAR



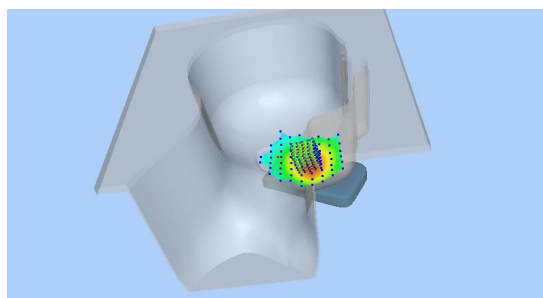
Maximum location: X=-49.00, Y=-28.00

SAR Peak: 0.55 W/kg

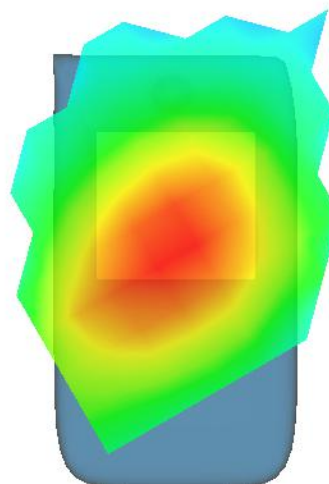
SAR 10g (W/Kg)	0.302106
SAR 1g (W/Kg)	0.383586



3D screen shot



Hot spot position



MEASUREMENT 4

Date of measurement: 19/7/2021

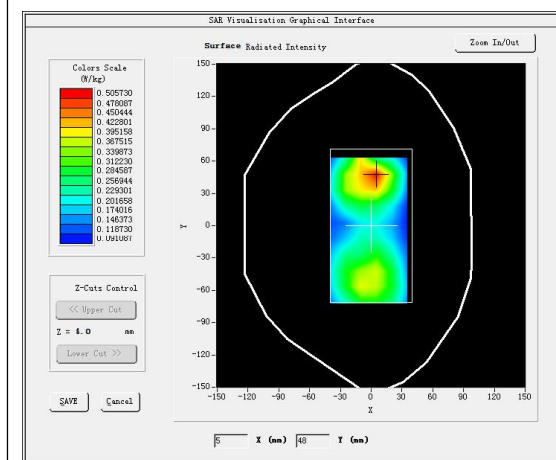
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 2.0)</u>

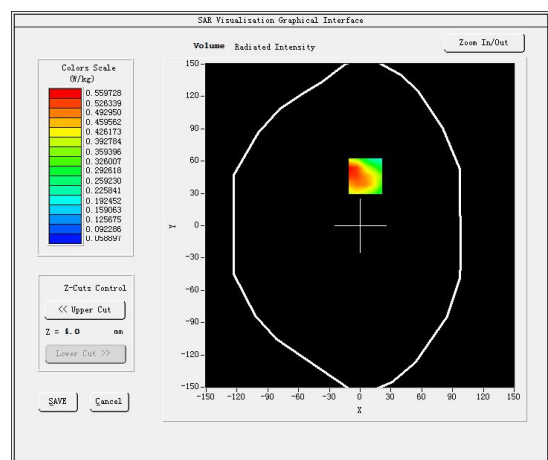
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.526512
Relative permittivity (imaginary part)	13.733387
Conductivity (S/m)	1.434376
Variation (%)	0.490000

SURFACE SAR



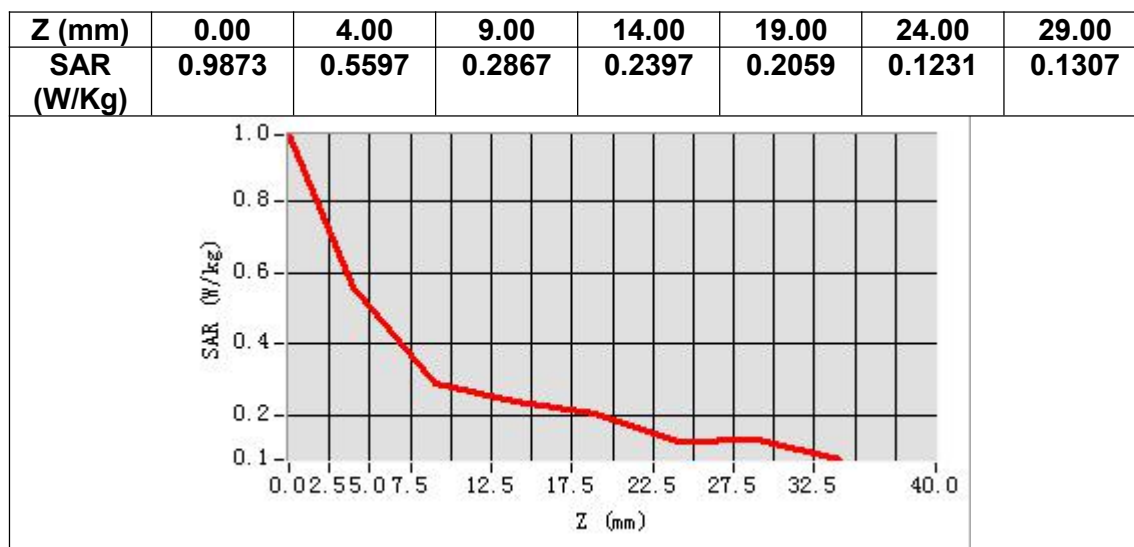
VOLUME SAR



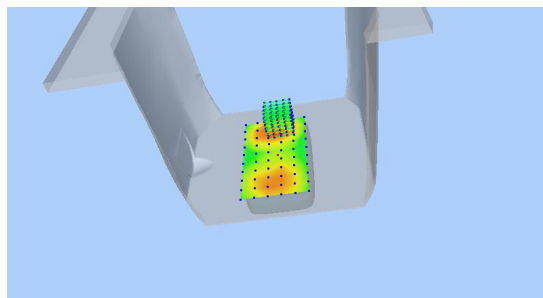
Maximum location: X=5.00, Y=46.00

SAR Peak: 0.86 W/kg

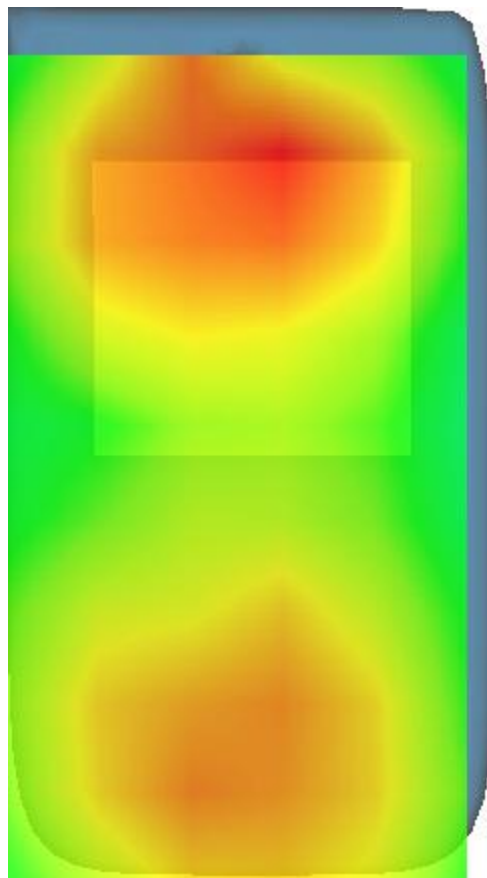
SAR 10g (W/Kg)	0.349023
SAR 1g (W/Kg)	0.546119



3D screen shot



Hot spot position



MEASUREMENT 5

Date of measurement: 19/7/2021

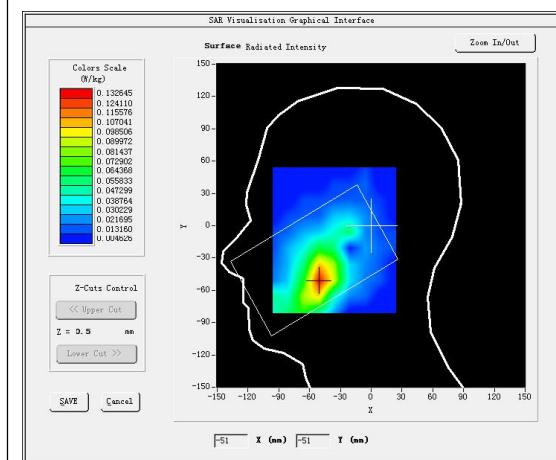
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band2_WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

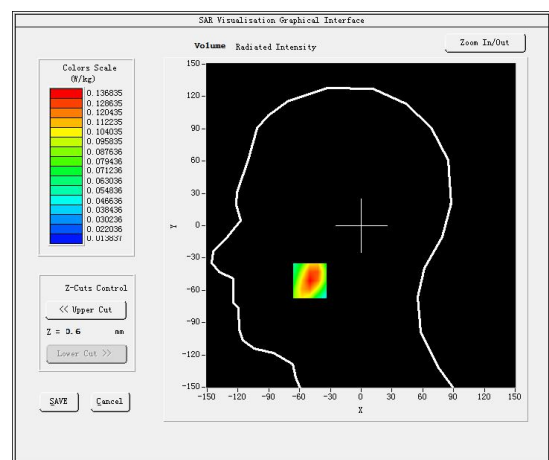
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.526512
Relative permittivity (imaginary part)	13.733387
Conductivity (S/m)	1.434376
Variation (%)	-2.070000

SURFACE SAR



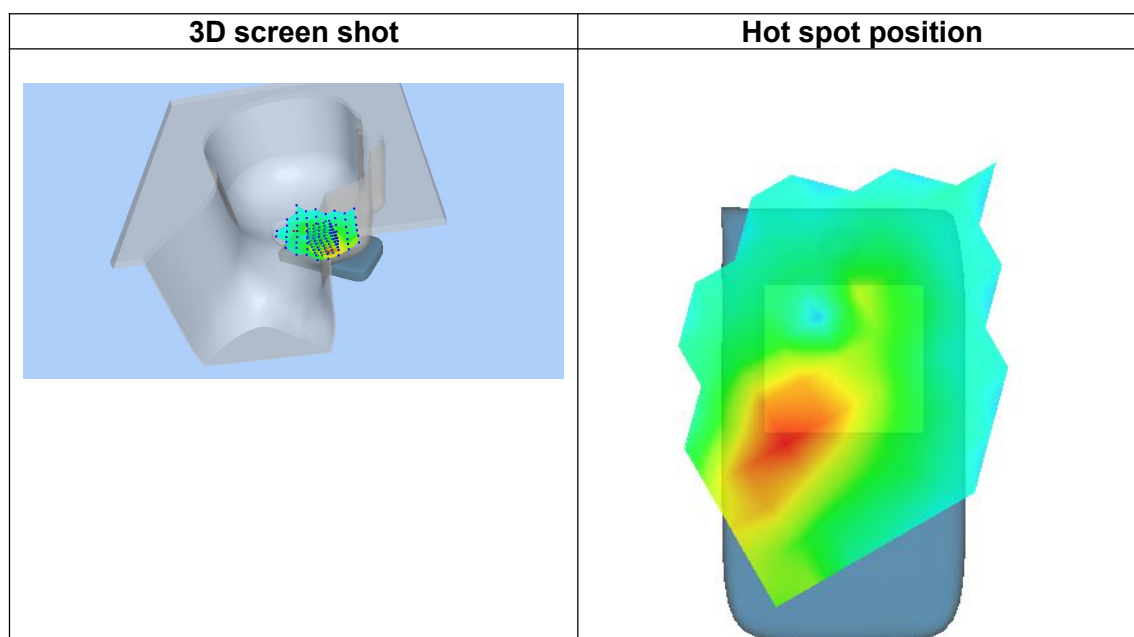
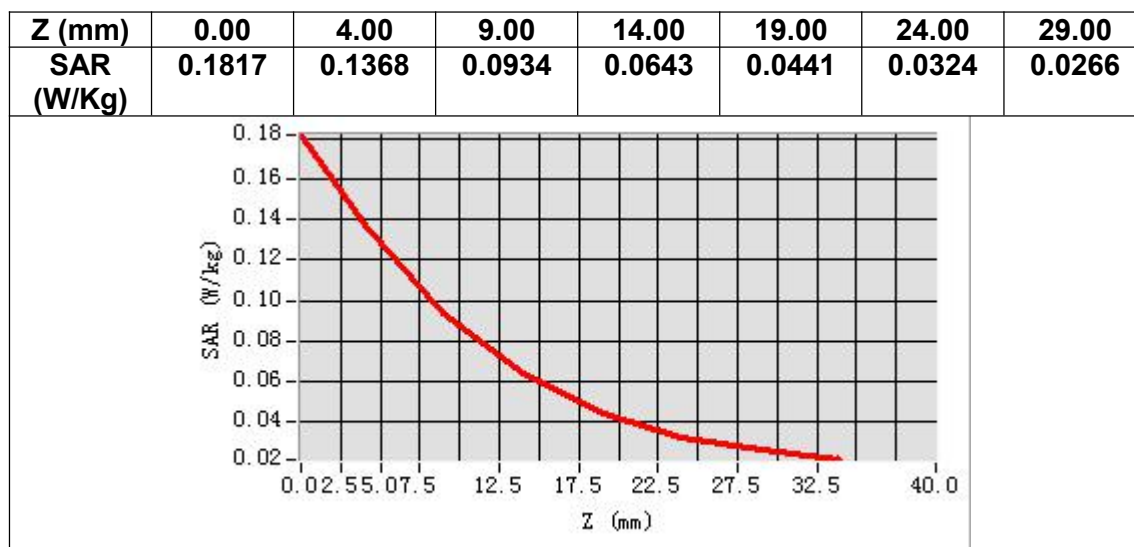
VOLUME SAR



Maximum location: X=-50.00, Y=-51.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.082015
SAR 1g (W/Kg)	0.131820



MEASUREMENT 6

Date of measurement: 19/7/2021

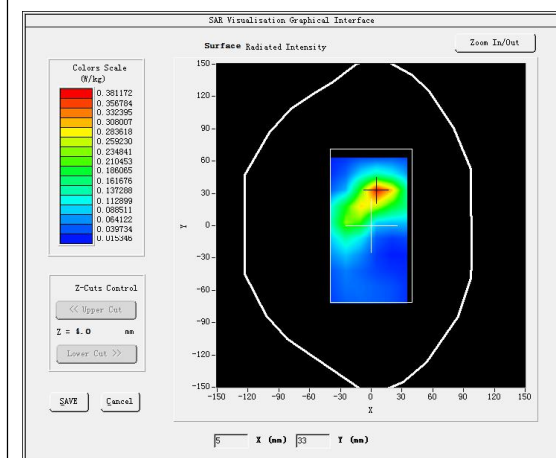
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

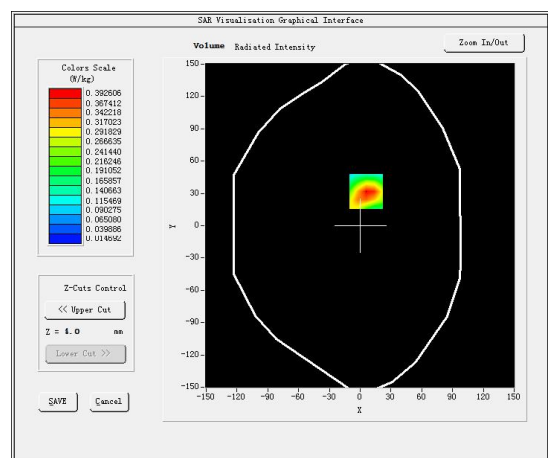
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.526512
Relative permittivity (imaginary part)	13.733387
Conductivity (S/m)	1.434376
Variation (%)	-1.240000

SURFACE SAR



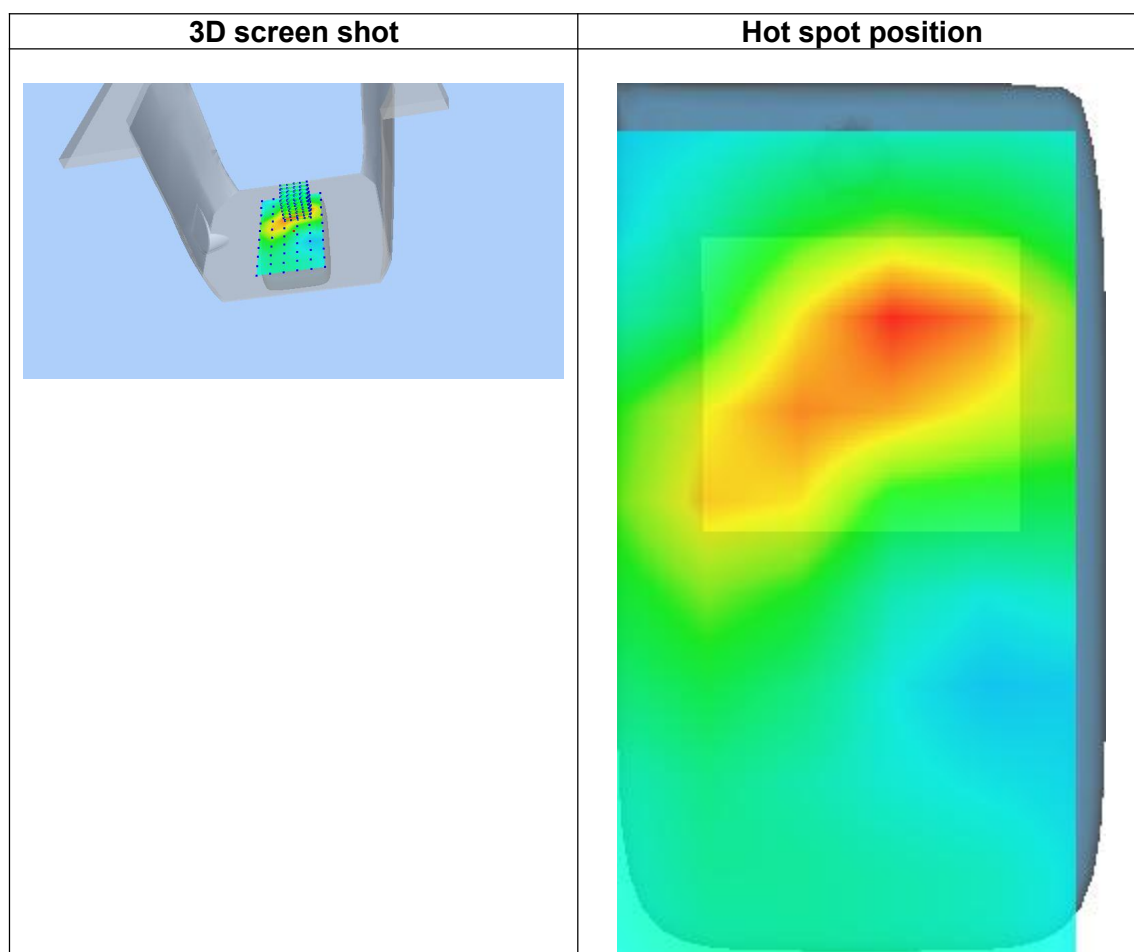
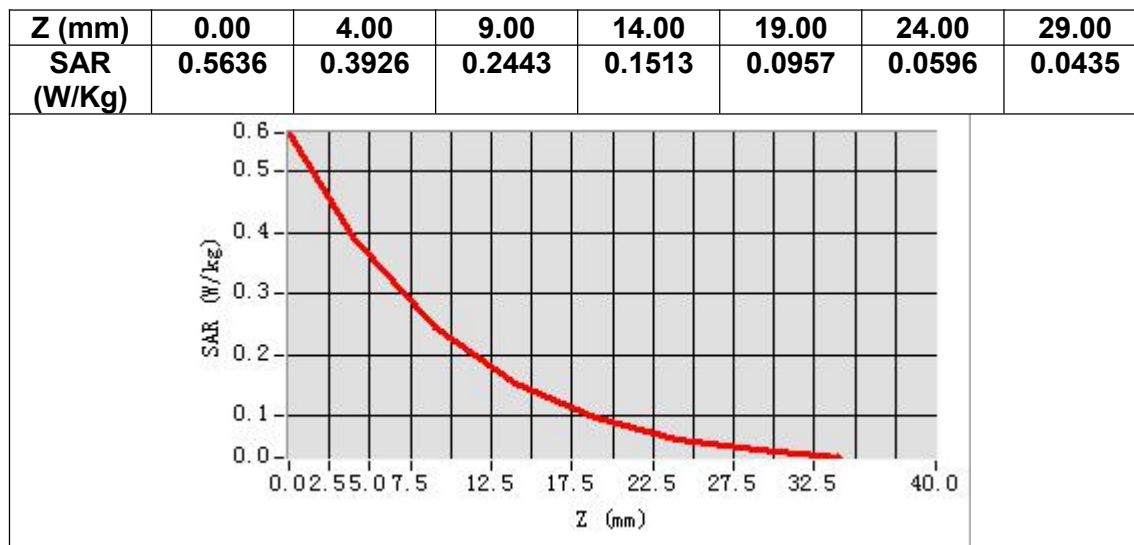
VOLUME SAR



Maximum location: X=6.00, Y=32.00

SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.212738
SAR 1g (W/Kg)	0.382326



MEASUREMENT 7

Date of measurement: 15/7/2021

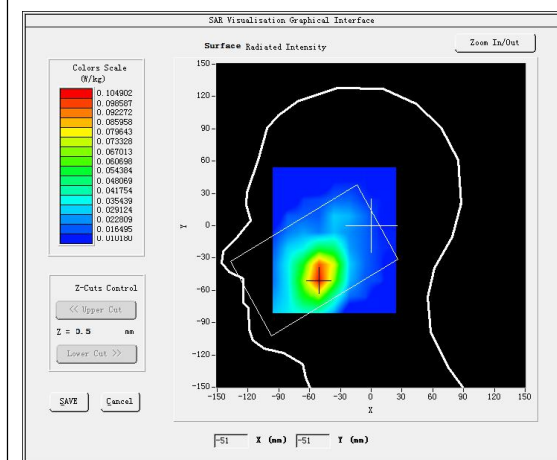
A. Experimental conditions.

Area Scan	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>Band4 WCDMA1700</u>
Channels	<u>Middle</u>
Signal	<u>WCDMA (Crest factor: 1.0)</u>

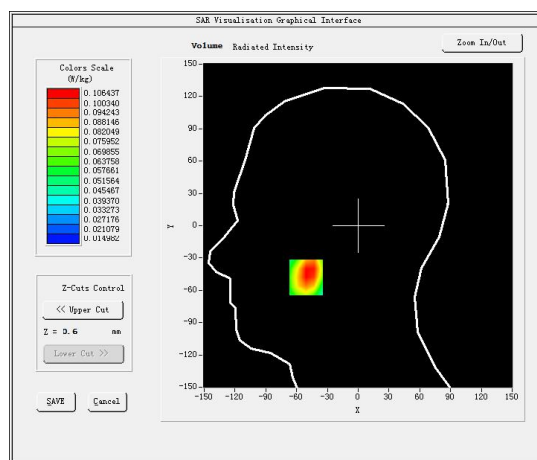
B. SAR Measurement Results

Frequency (MHz)	1732.600000
Relative permittivity (real part)	40.177555
Relative permittivity (imaginary part)	13.707423
Conductivity (S/m)	1.318959
Variation (%)	-1.510000

SURFACE SAR



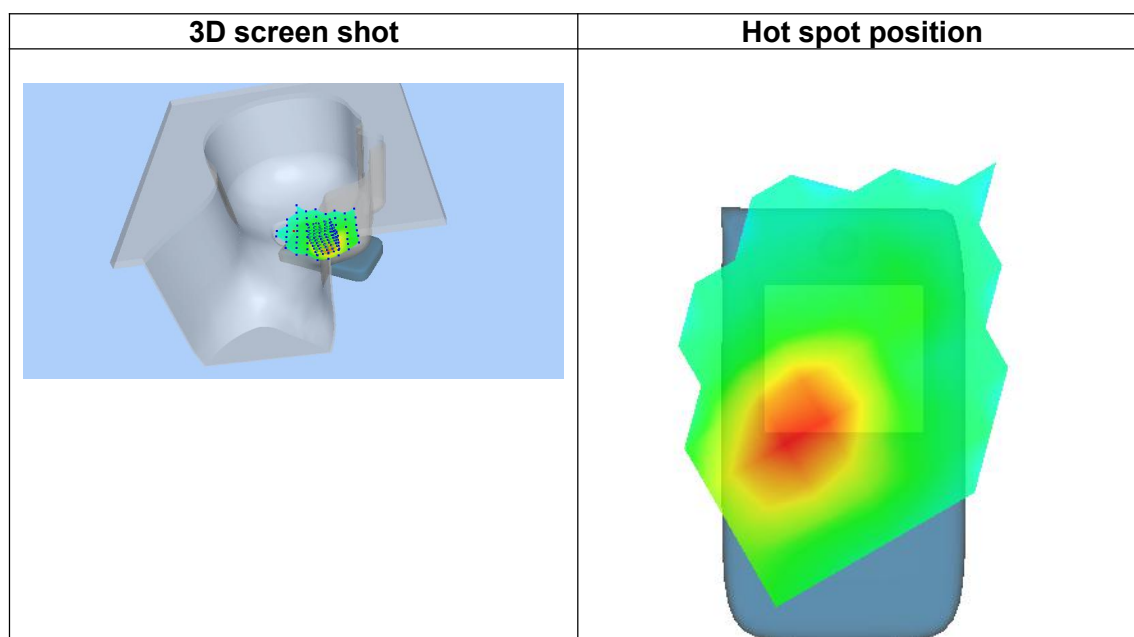
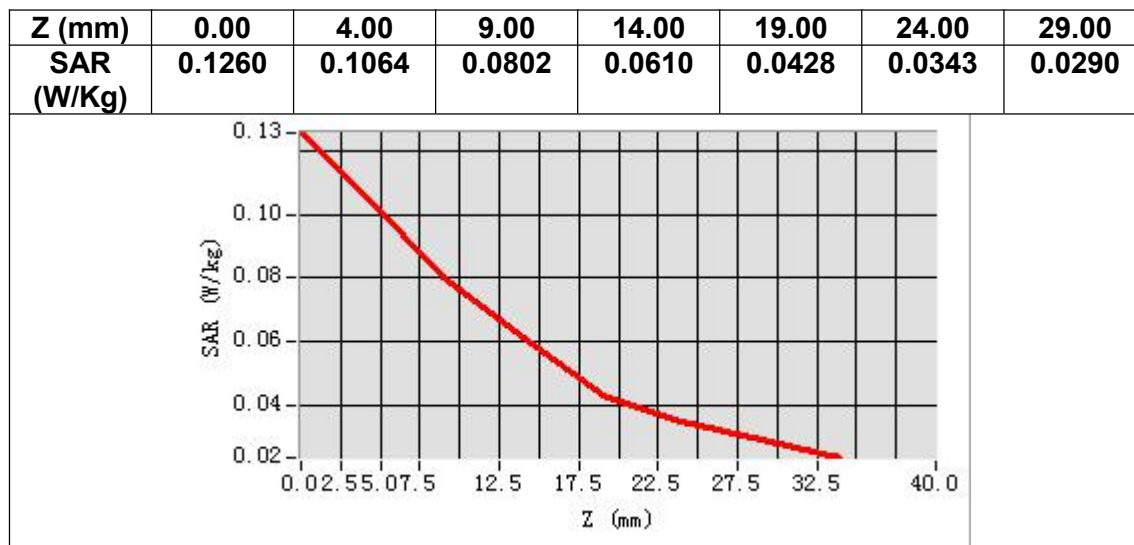
VOLUME SAR



Maximum location: X=-51.00, Y=-48.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.070008
SAR 1g (W/Kg)	0.103464



MEASUREMENT 8

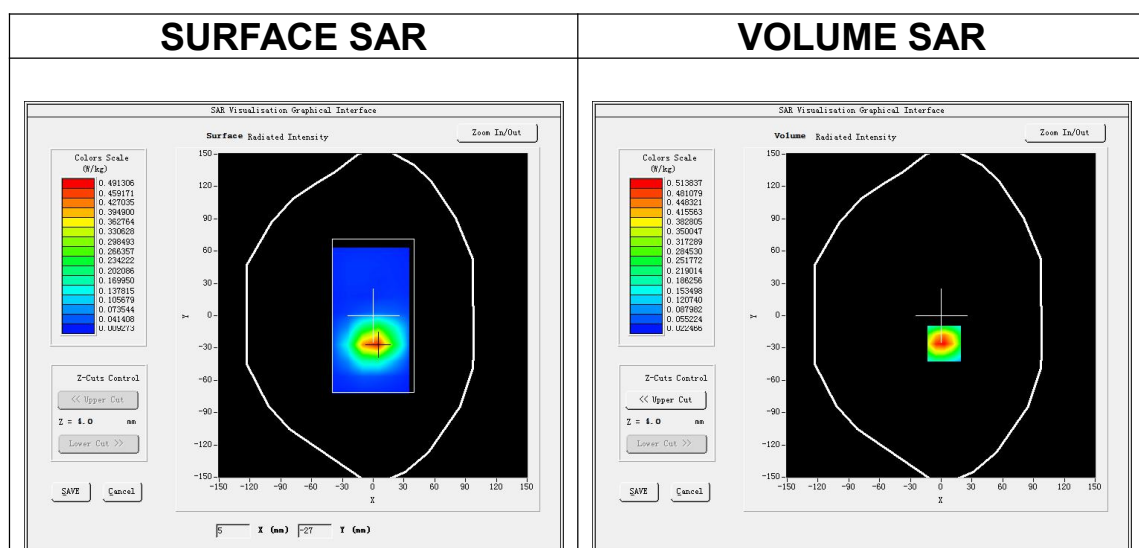
Date of measurement: 15/7/2021

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

B. SAR Measurement Results

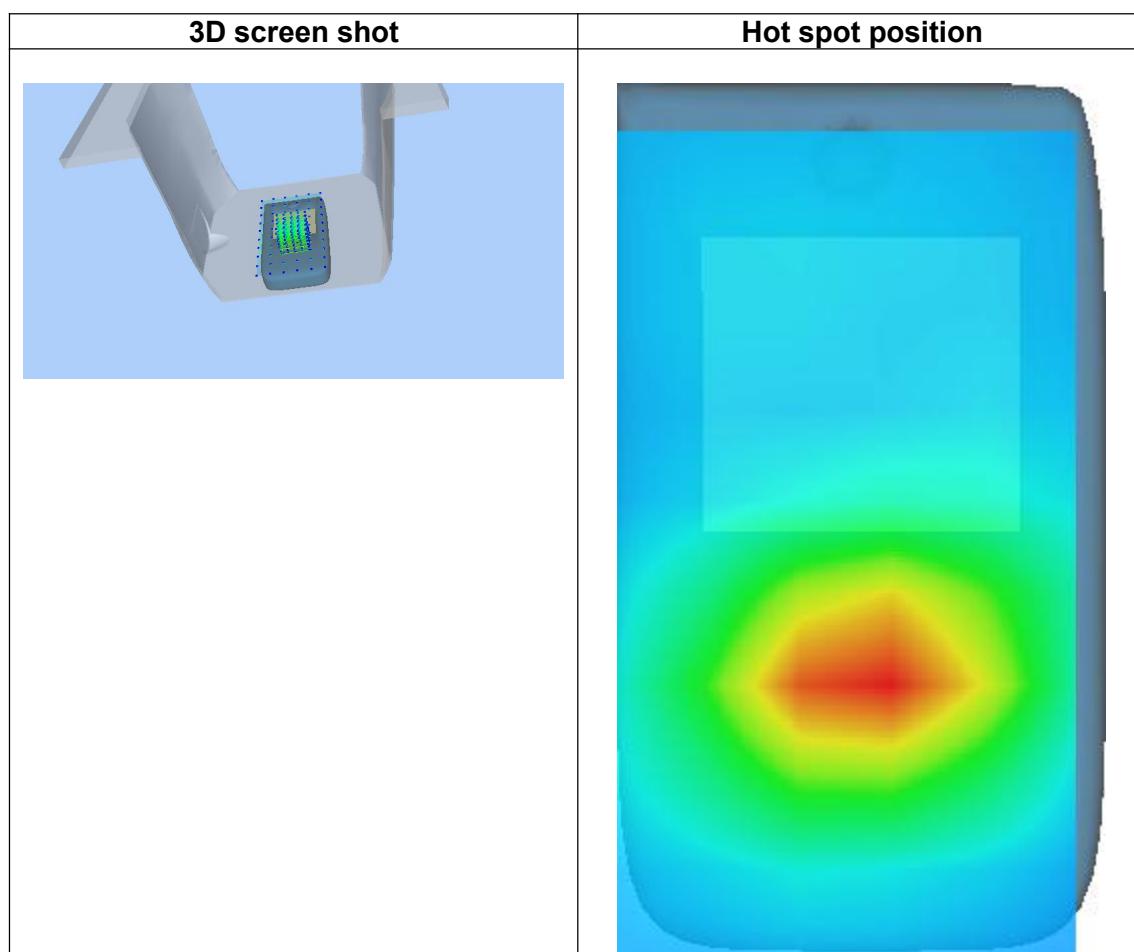
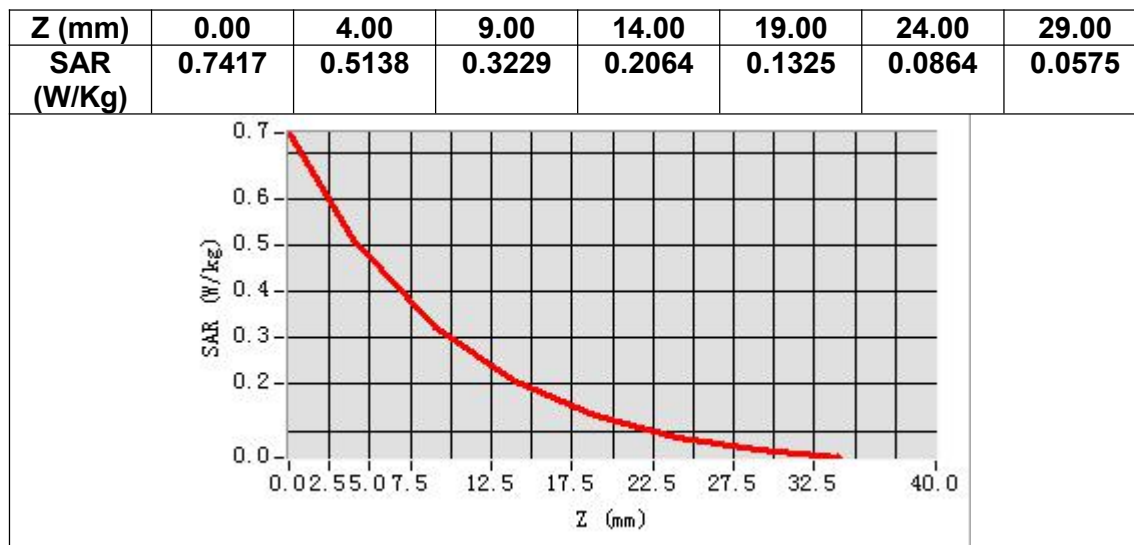
Frequency (MHz)	1732.600000
Relative permittivity (real part)	40.177555
Relative permittivity (imaginary part)	13.707423
Conductivity (S/m)	1.318959
Variation (%)	-0.160000



Maximum location: X=3.00, Y=-26.00

SAR Peak: 0.76 W/kg

SAR 10g (W/Kg)	0.274114
SAR 1g (W/Kg)	0.490713



MEASUREMENT 9

Date of measurement: 12/7/2021

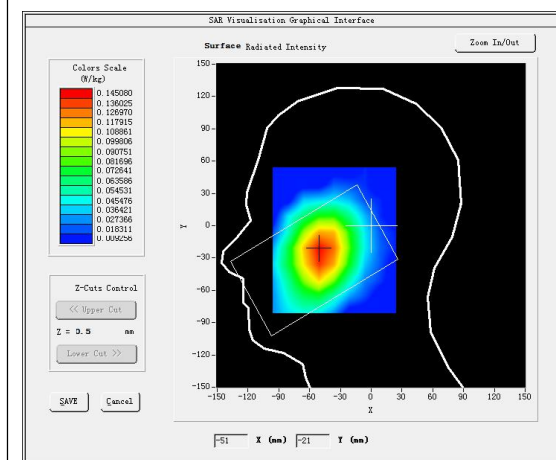
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band5_WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

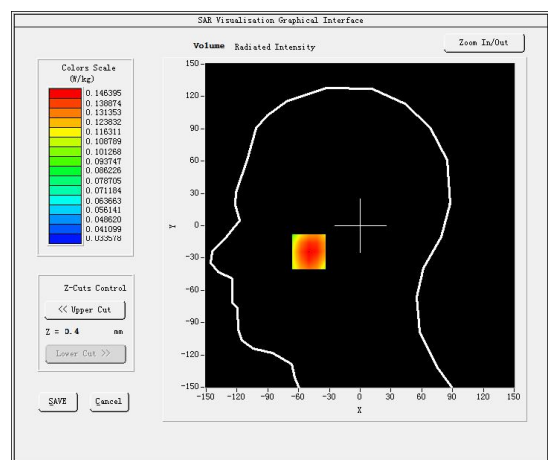
B. SAR Measurement Results

Frequency (MHz)	836.400000
Relative permittivity (real part)	42.704880
Relative permittivity (imaginary part)	19.961424
Conductivity (S/m)	0.927541
Variation (%)	-0.620000

SURFACE SAR



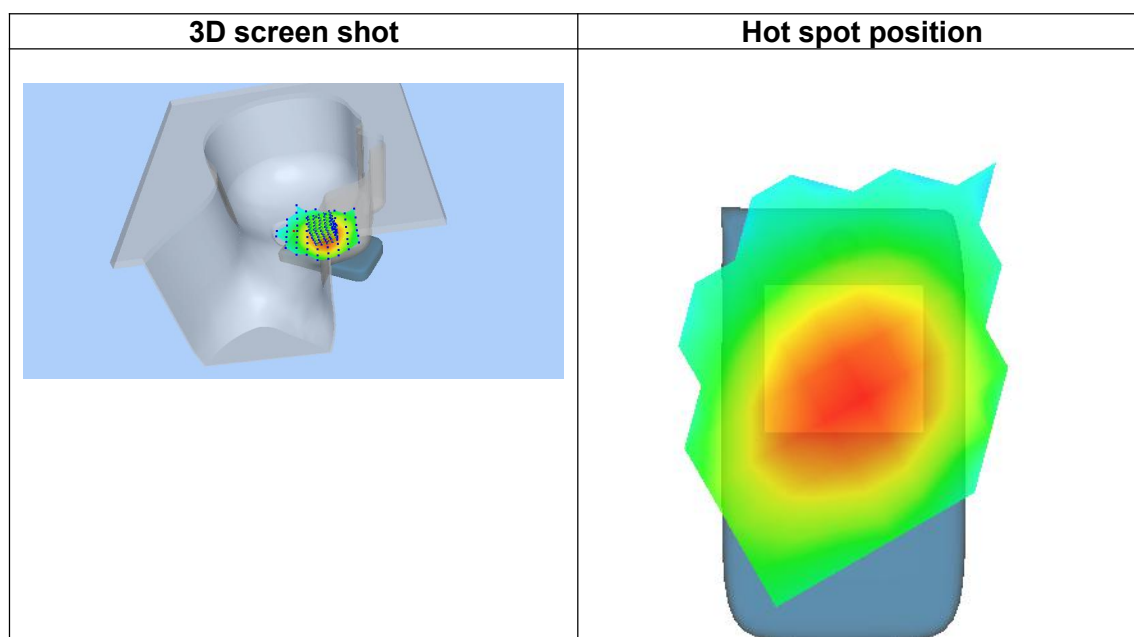
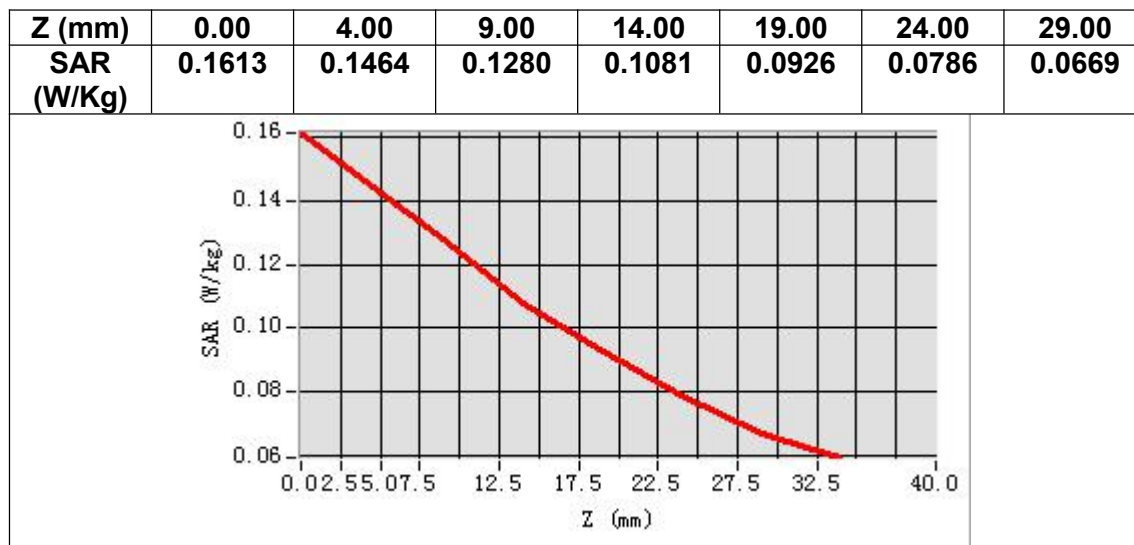
VOLUME SAR



Maximum location: X=-50.00, Y=-24.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.117240
SAR 1g (W/Kg)	0.145393



MEASUREMENT 10

Date of measurement: 12/7/2021

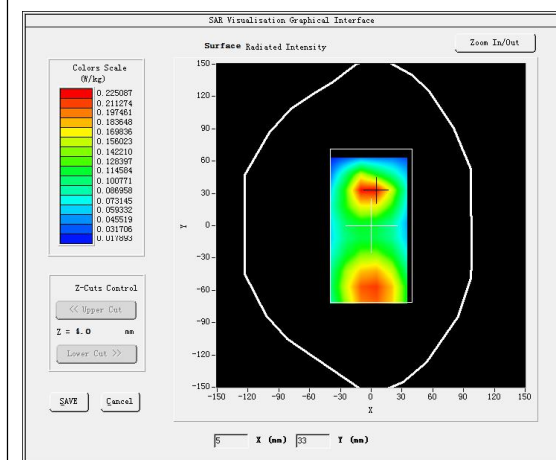
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5_WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

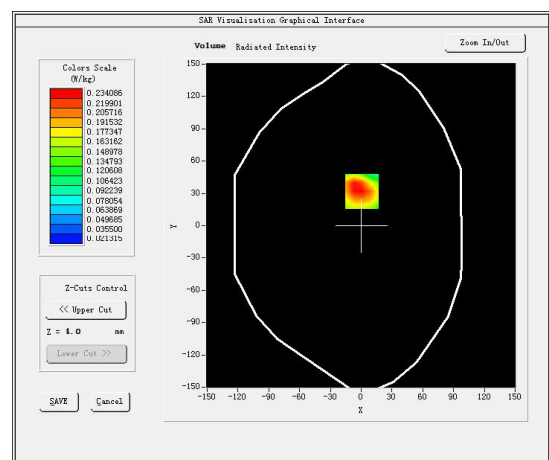
B. SAR Measurement Results

Frequency (MHz)	836.400000
Relative permittivity (real part)	42.704880
Relative permittivity (imaginary part)	19.961424
Conductivity (S/m)	0.927541
Variation (%)	0.030000

SURFACE SAR



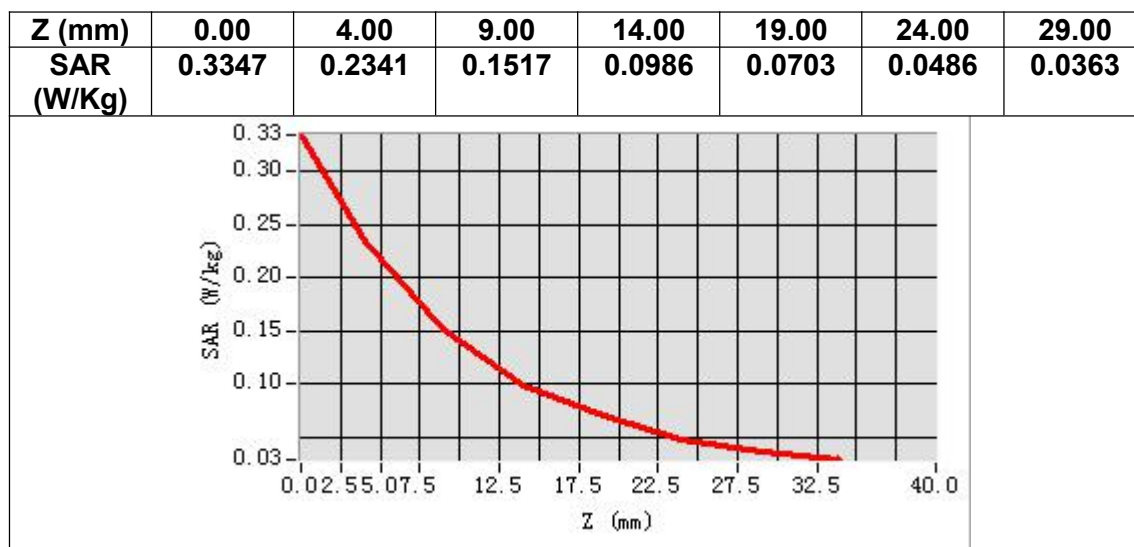
VOLUME SAR



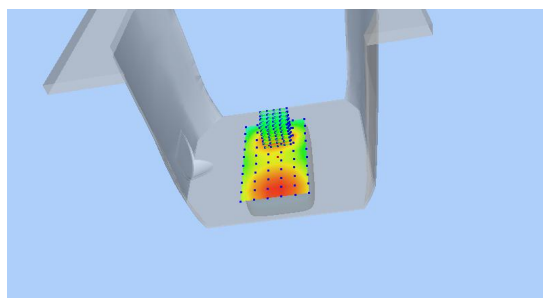
Maximum location: X=1.00, Y=32.00

SAR Peak: 0.37 W/kg

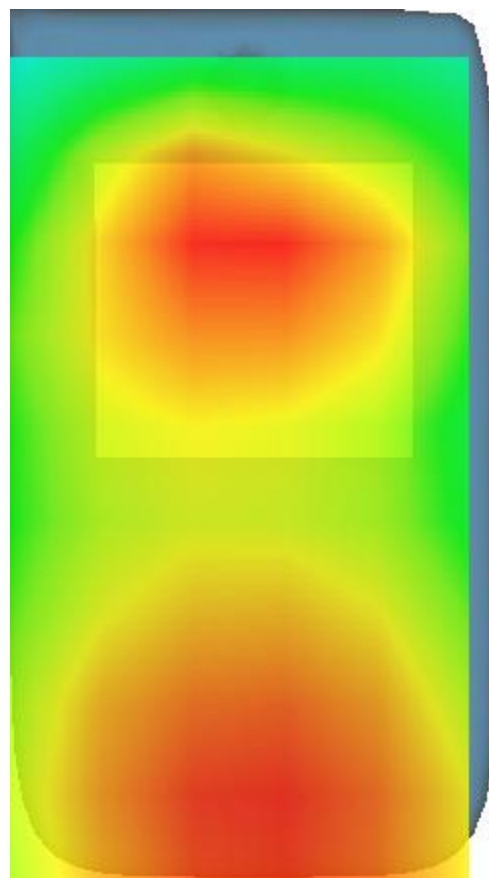
SAR 10g (W/Kg)	0.141385
SAR 1g (W/Kg)	0.234840



3D screen shot



Hot spot position



MEASUREMENT 11

Date of measurement: 12/7/2021

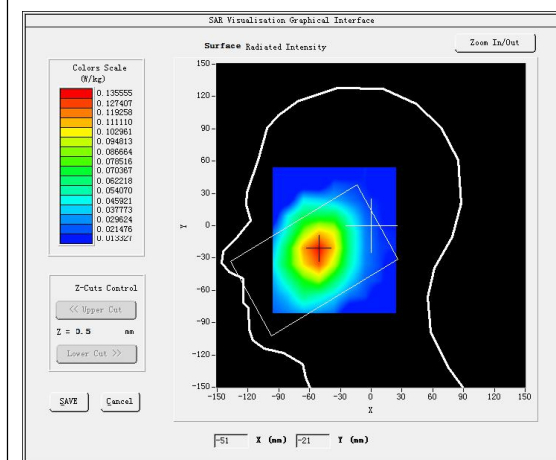
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>BC0</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CDMA (Crest factor: 1.0)</u>

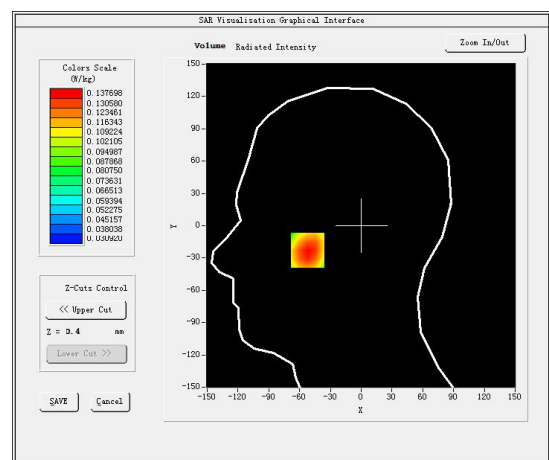
B. SAR Measurement Results

Frequency (MHz)	836.520000
Relative permittivity (real part)	42.694518
Relative permittivity (imaginary part)	19.966783
Conductivity (S/m)	0.649083
Variation (%)	-1.940000

SURFACE SAR



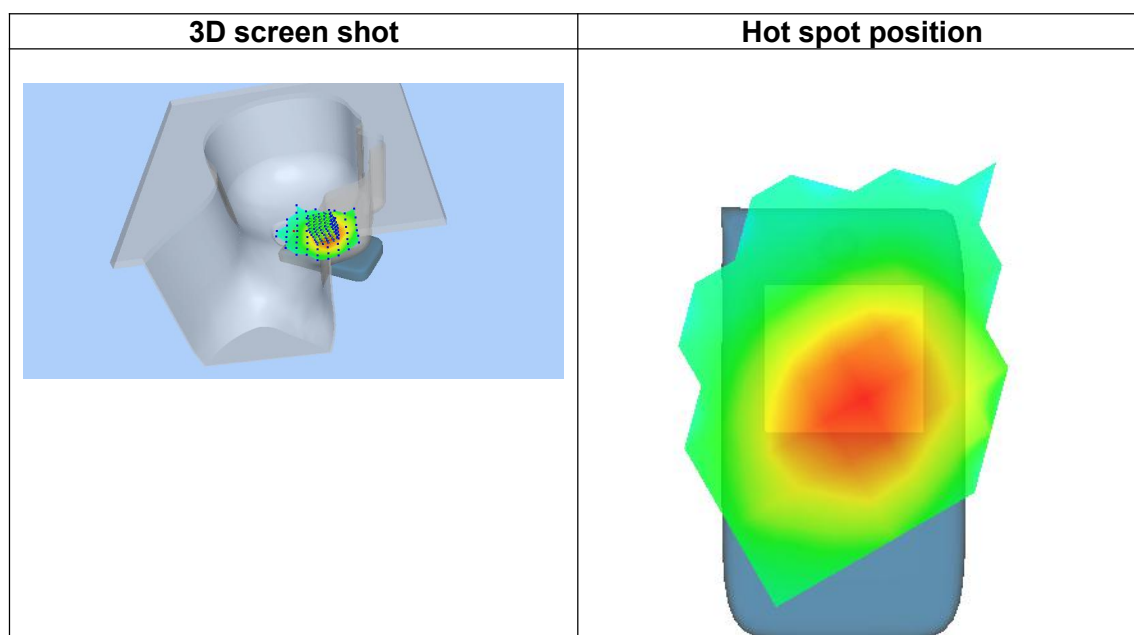
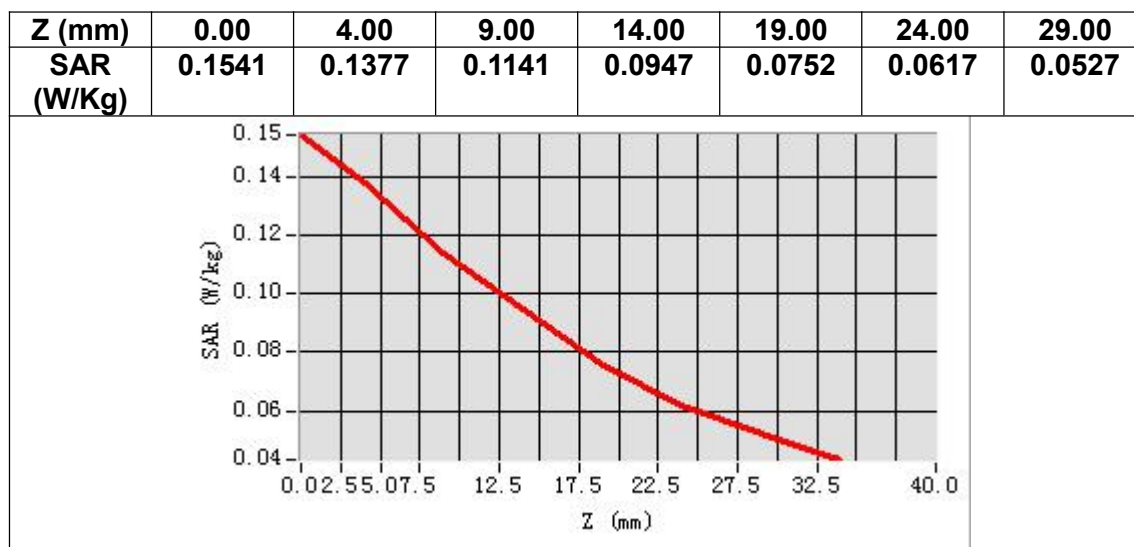
VOLUME SAR



Maximum location: X=-52.00, Y=-23.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.105080
SAR 1g (W/Kg)	0.138764



MEASUREMENT 12

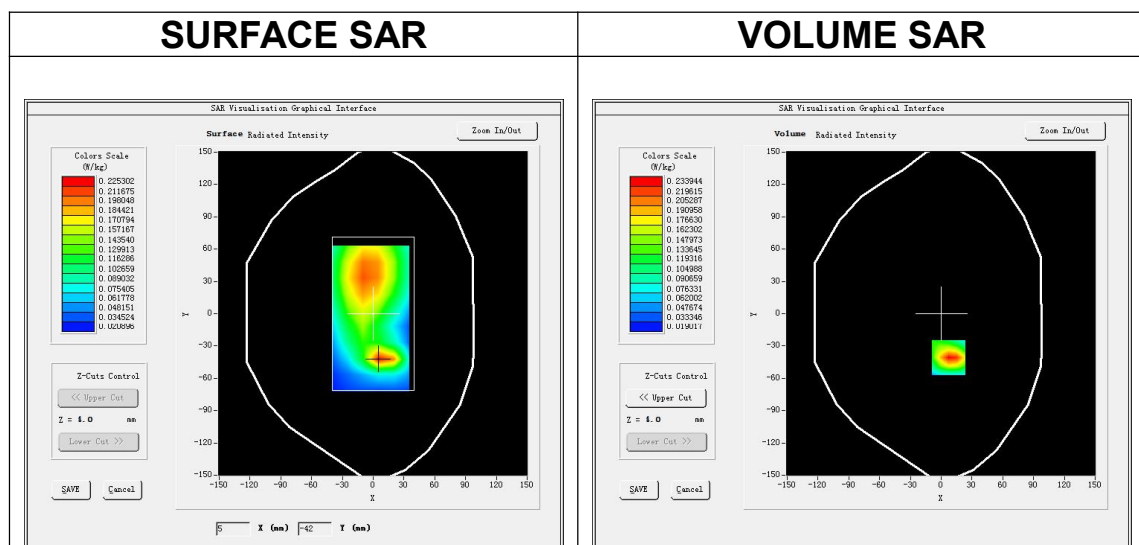
Date of measurement: 12/7/2021

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>BC0</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CDMA (Crest factor: 1.0)</u>

B. SAR Measurement Results

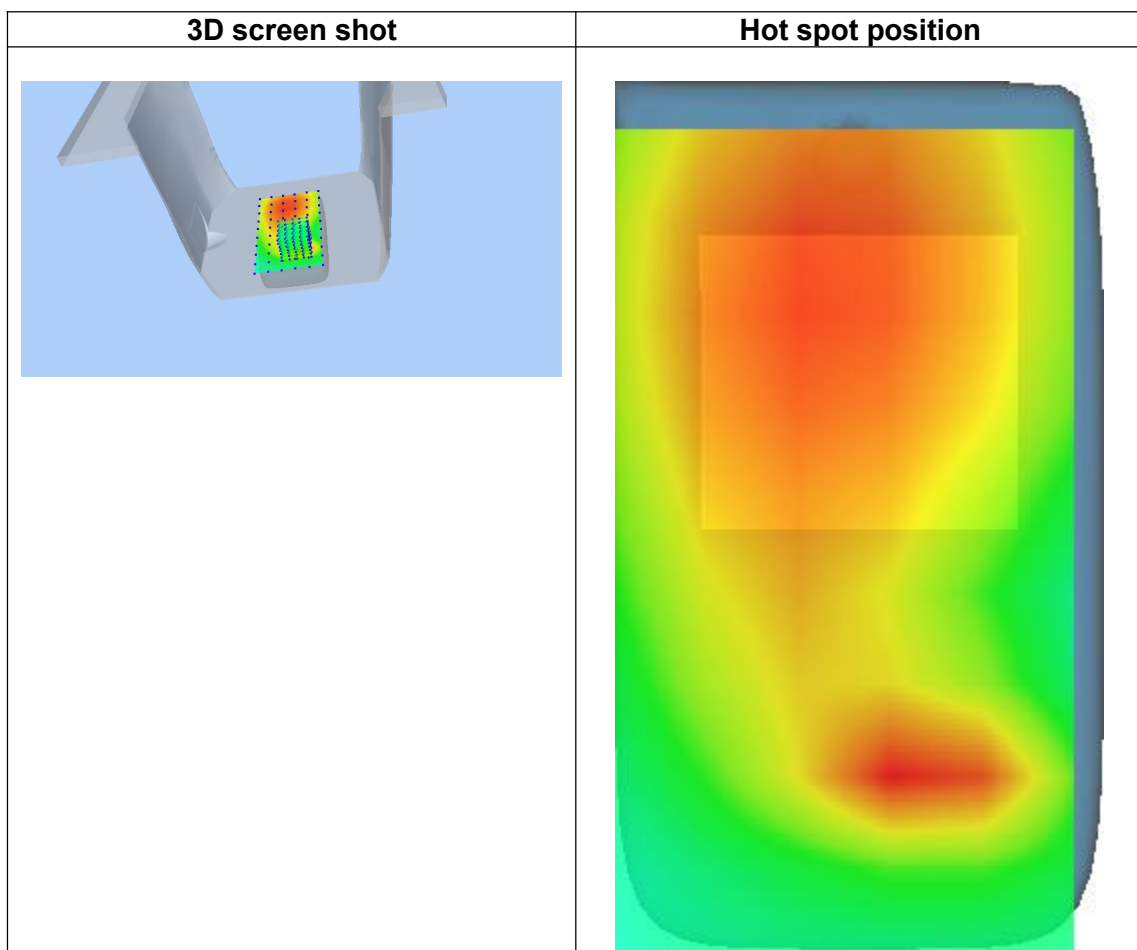
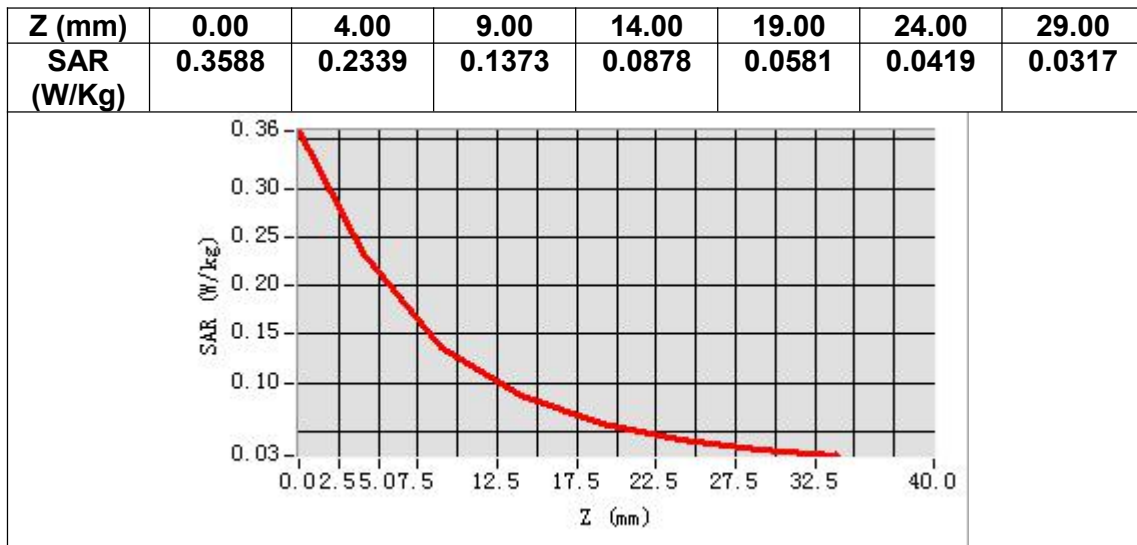
Frequency (MHz)	836.520000
Relative permittivity (real part)	42.694518
Relative permittivity (imaginary part)	19.966783
Conductivity (S/m)	0.649083
Variation (%)	-0.090000



Maximum location: X=7.00, Y=-41.00

SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.122097
SAR 1g (W/Kg)	0.222692



MEASUREMENT 13

Date of measurement: 19/7/2021

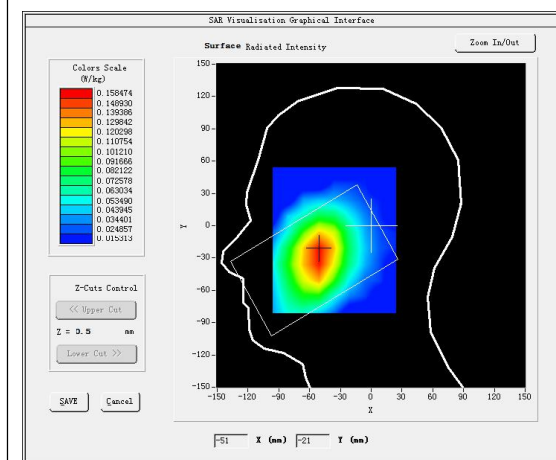
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>BC1</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CDMA (Crest factor: 1.0)</u>

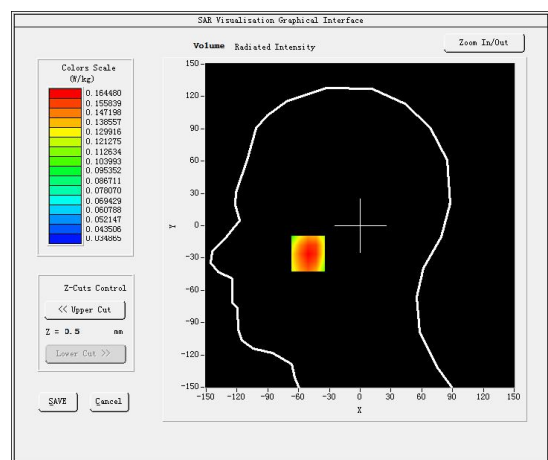
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.526512
Relative permittivity (imaginary part)	13.733387
Conductivity (S/m)	1.434376
Variation (%)	-1.130000

SURFACE SAR



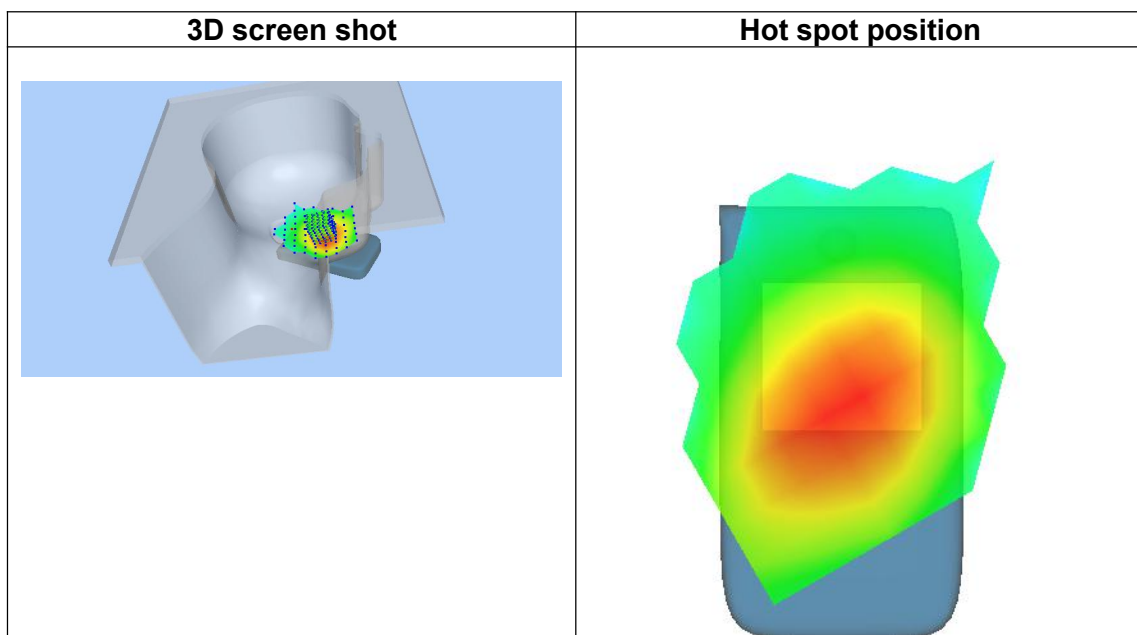
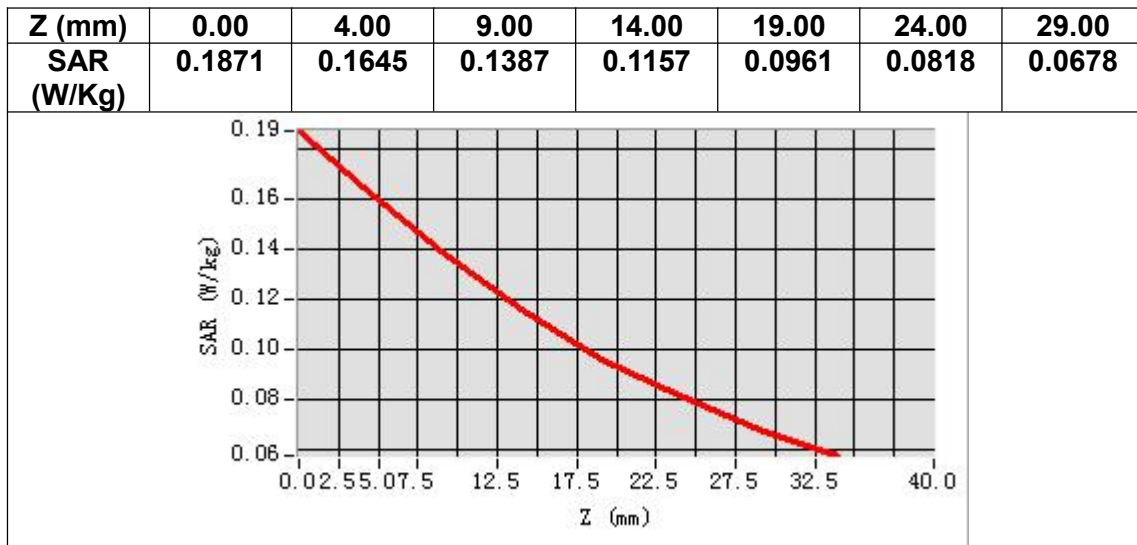
VOLUME SAR



Maximum location: X=-51.00, Y=-26.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.128124
SAR 1g (W/Kg)	0.165311



MEASUREMENT 14

Date of measurement: 19/7/2021

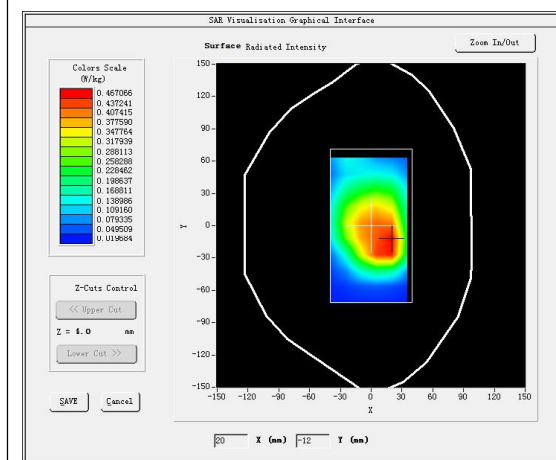
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>BC1</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CDMA (Crest factor: 1.0)</u>

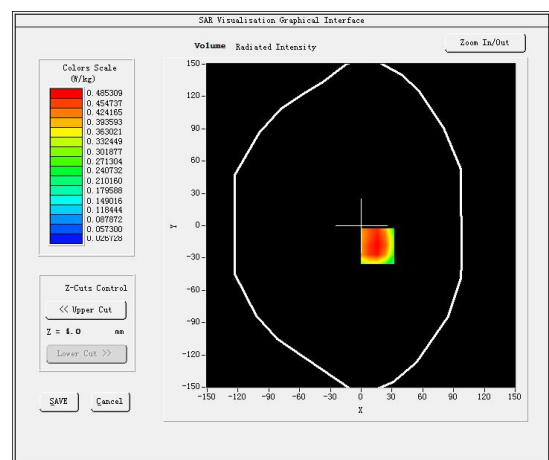
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.526512
Relative permittivity (imaginary part)	13.733387
Conductivity (S/m)	1.434376
Variation (%)	-0.530000

SURFACE SAR



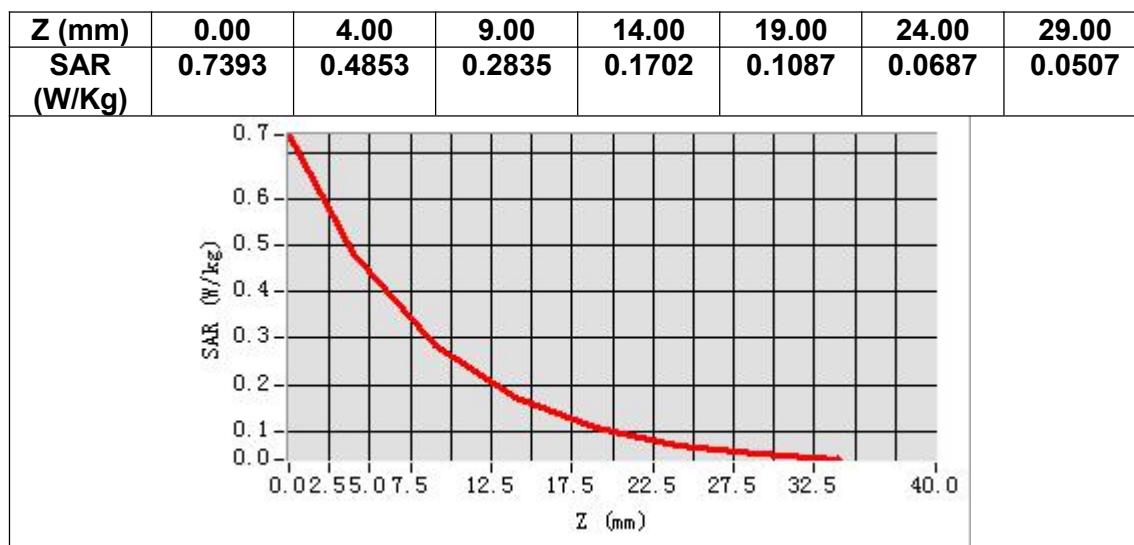
VOLUME SAR



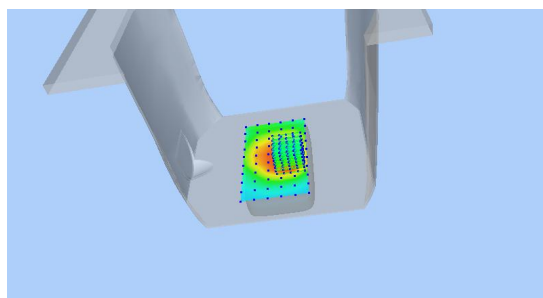
Maximum location: X=16.00, Y=-19.00

SAR Peak: 0.78 W/kg

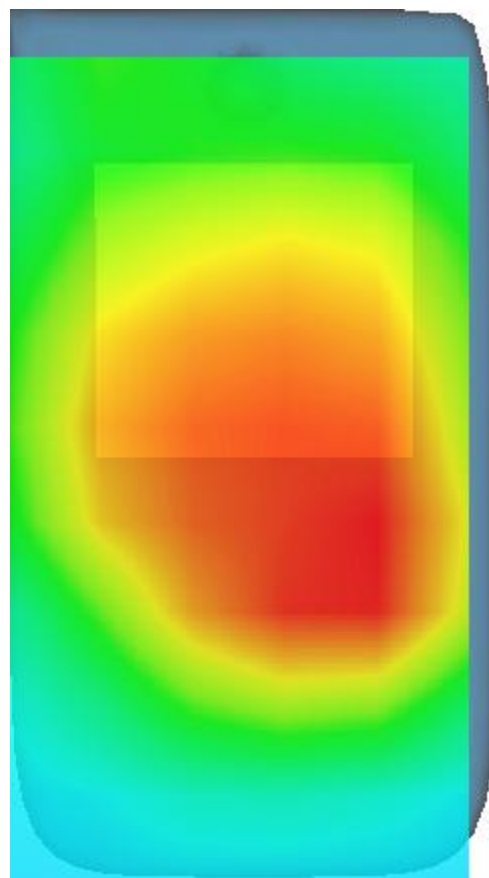
SAR 10g (W/Kg)	0.292198
SAR 1g (W/Kg)	0.489396



3D screen shot



Hot spot position



MEASUREMENT 15

Date of measurement: 21/7/2021

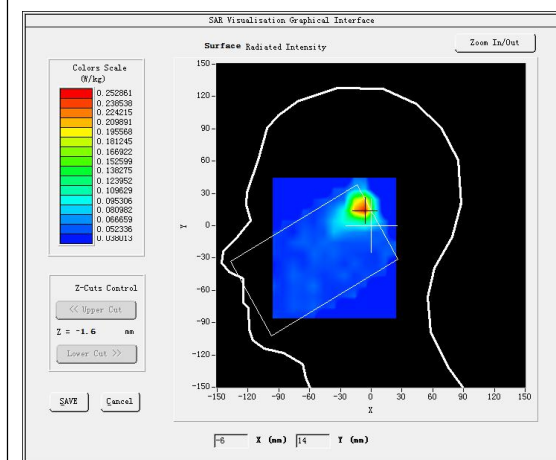
A. Experimental conditions.

Area Scan	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
ZoomScan	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11a U-NII</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11a (Crest factor: 1.0)</u>

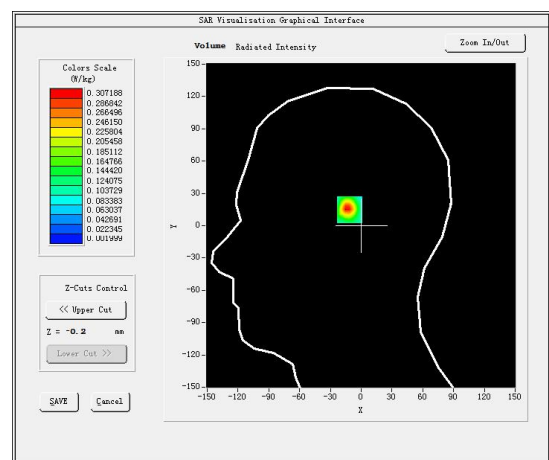
B. SAR Measurement Results

Frequency (MHz)	5200.000000
Relative permittivity (real part)	36.654324
Relative permittivity (imaginary part)	16.295177
Conductivity (S/m)	4.707496
Variation (%)	1.290000

SURFACE SAR



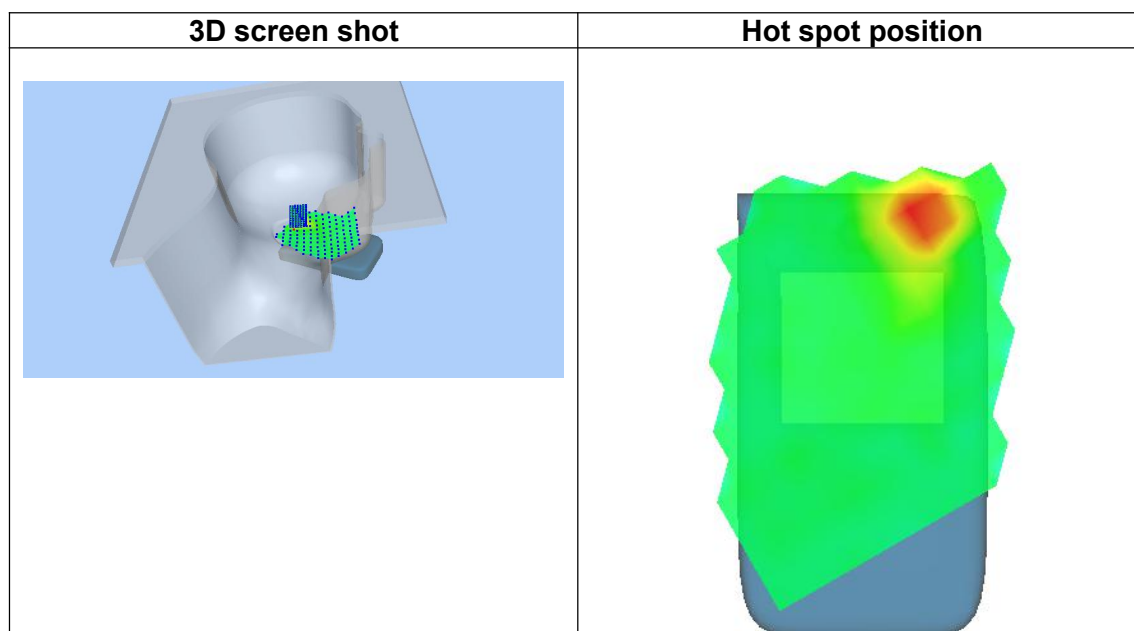
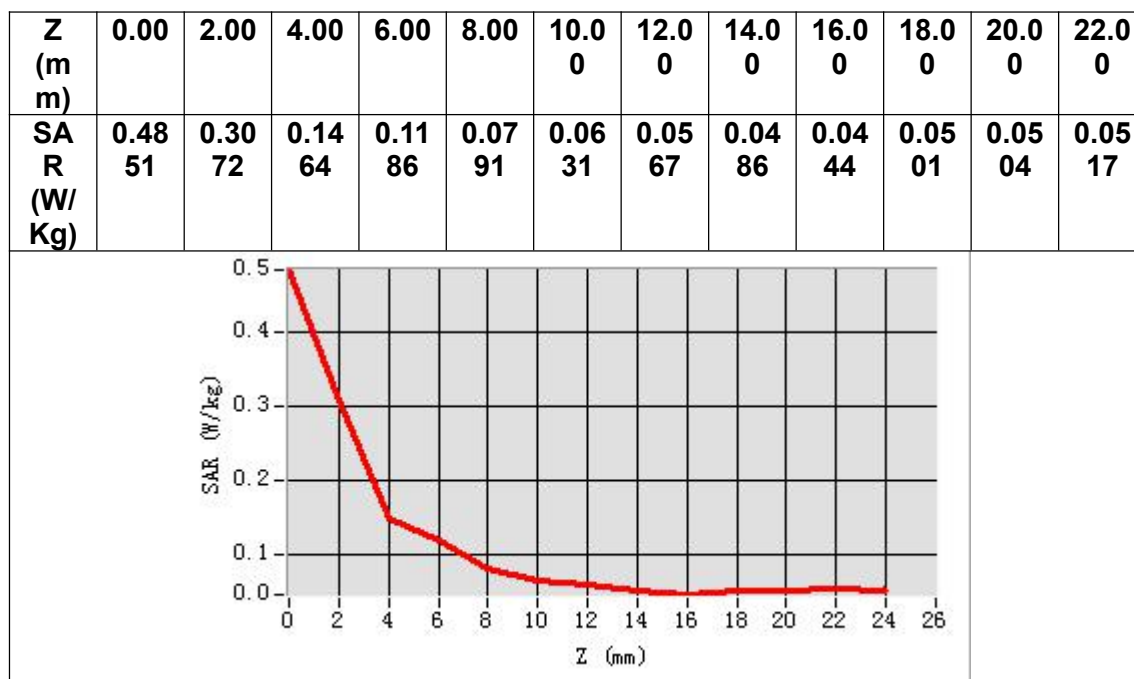
VOLUME SAR



Maximum location: X=-8.00, Y=16.00

SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)	0.124871
SAR 1g (W/Kg)	0.294837



MEASUREMENT 16

Date of measurement: 26/7/2021

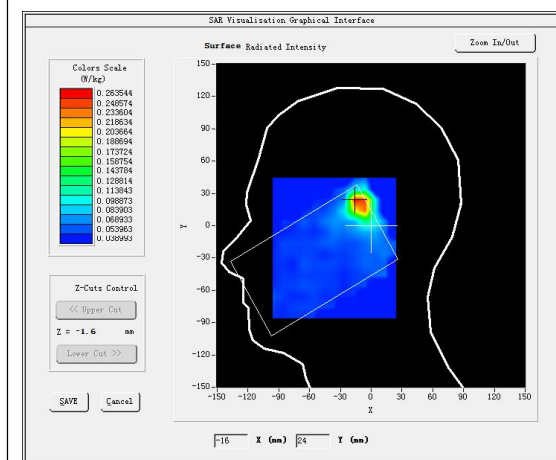
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11a U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11a (Crest factor: 1.0)</u>

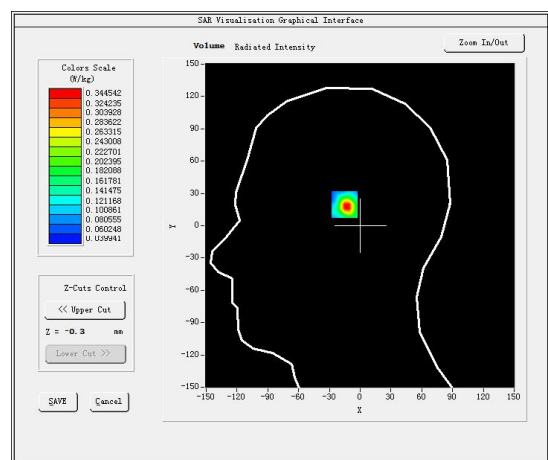
B. SAR Measurement Results

Frequency (MHz)	5785.000000
Relative permittivity (real part)	36.052410
Relative permittivity (imaginary part)	16.274469
Conductivity (S/m)	5.230434
Variation (%)	-1.200000

SURFACE SAR



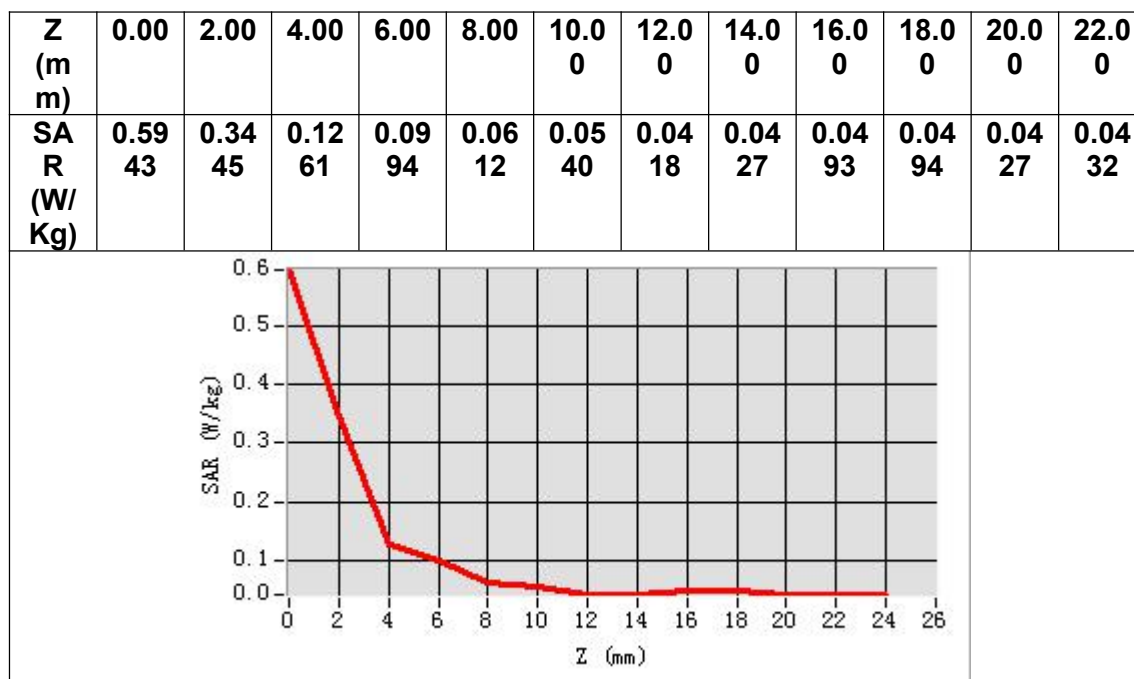
VOLUME SAR



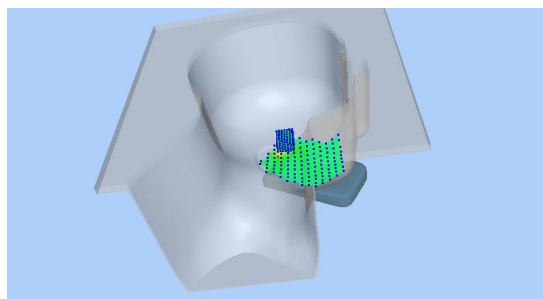
Maximum location: X=-13.00, Y=22.00

SAR Peak: 0.97 W/kg

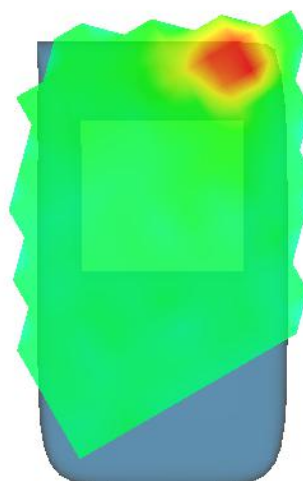
SAR 10g (W/Kg)	0.128554
SAR 1g (W/Kg)	0.340753



3D screen shot



Hot spot position



MEASUREMENT 17

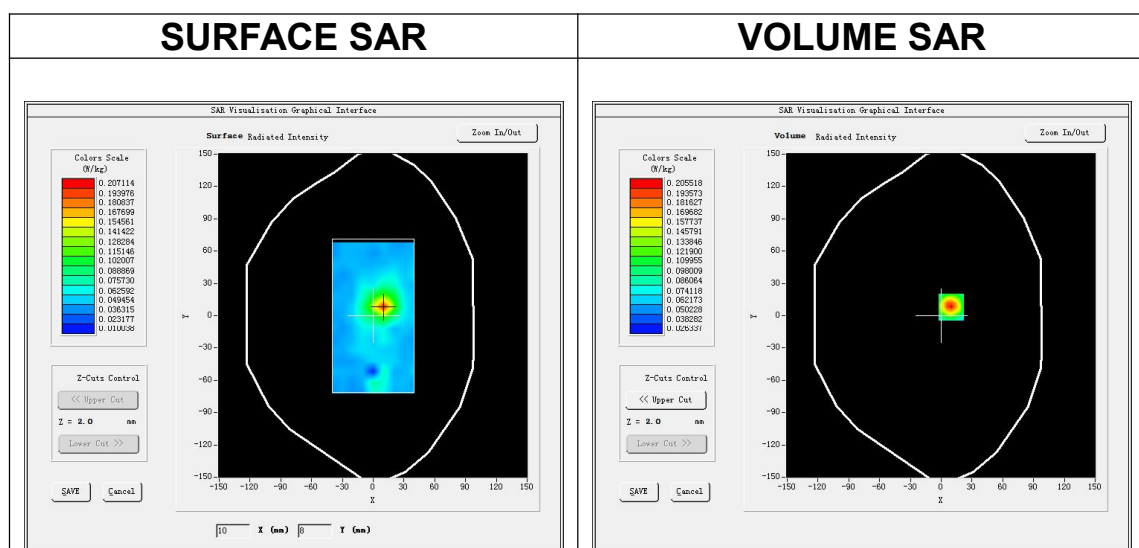
Date of measurement: 21/7/2021

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11a (Crest factor: 1.0)</u>

B. SAR Measurement Results

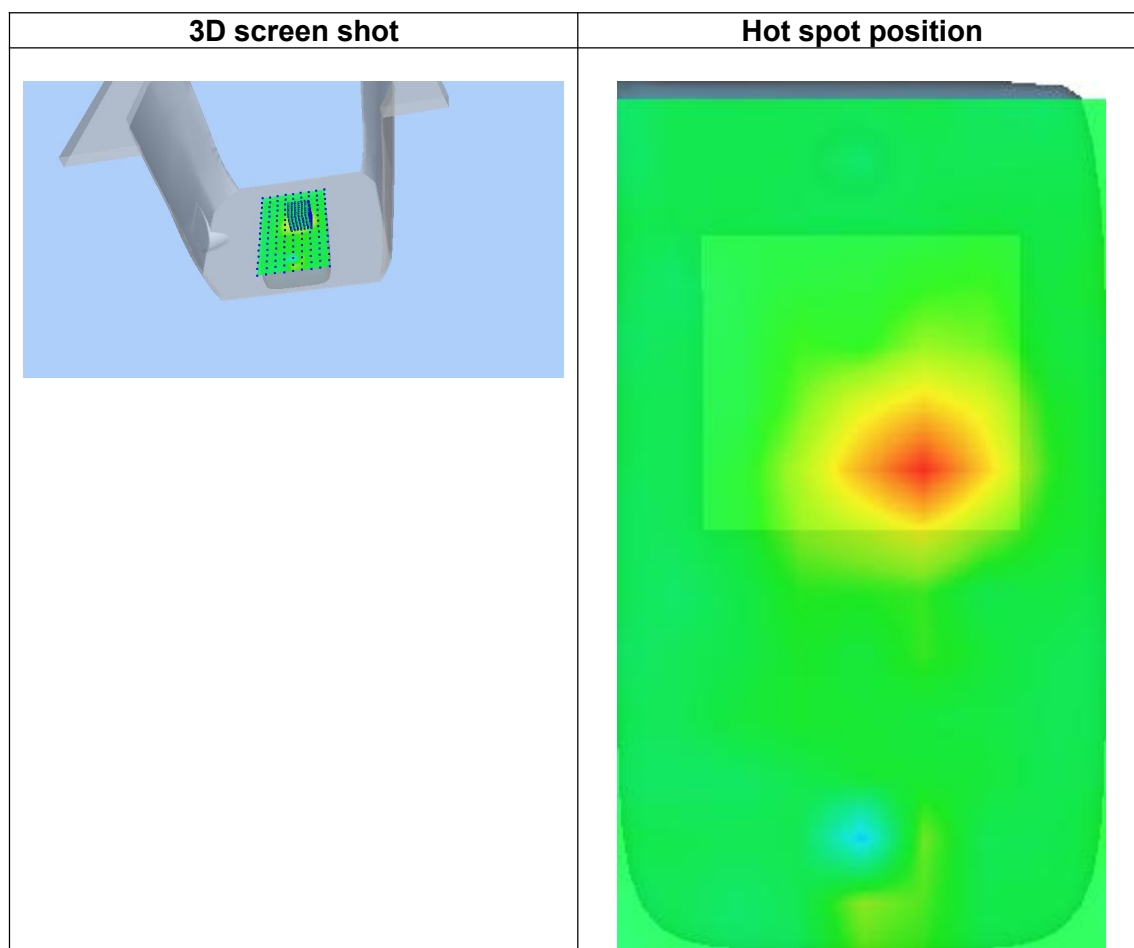
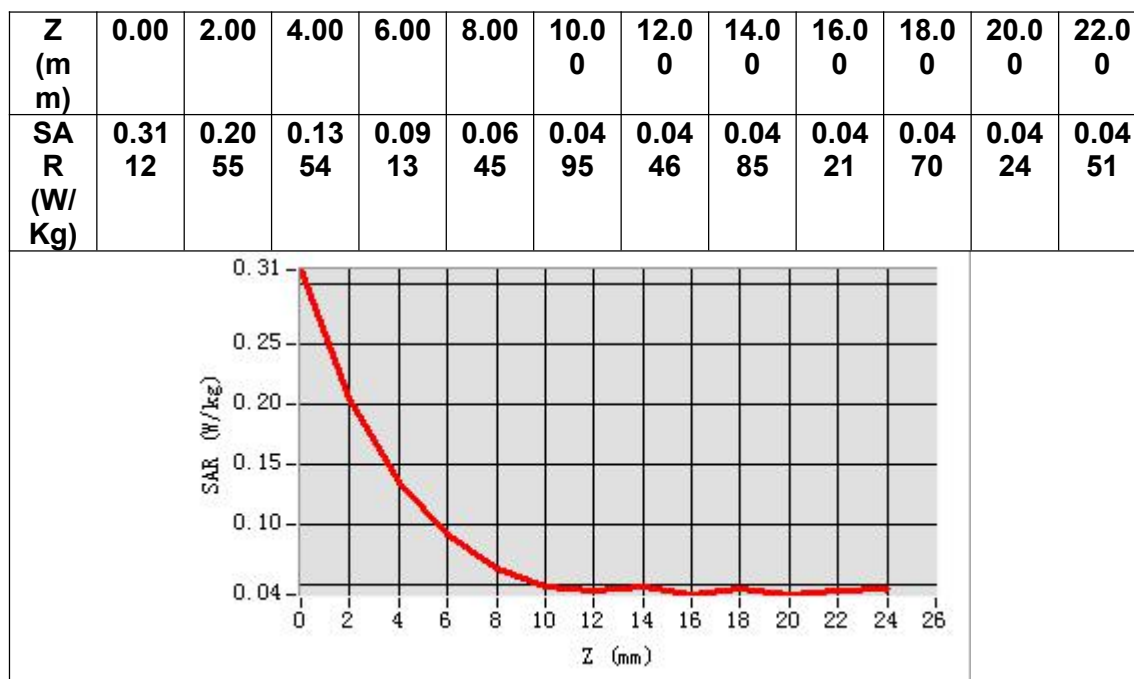
Frequency (MHz)	5200.000000
Relative permittivity (real part)	36.654324
Relative permittivity (imaginary part)	16.295177
Conductivity (S/m)	4.707496
Variation (%)	3.910000



Maximum location: X=10.00, Y=8.00

SAR Peak: 0.32 W/kg

SAR 10g (W/Kg)	0.075037
SAR 1g (W/Kg)	0.131260



MEASUREMENT 18

Date of measurement: 26/7/2021

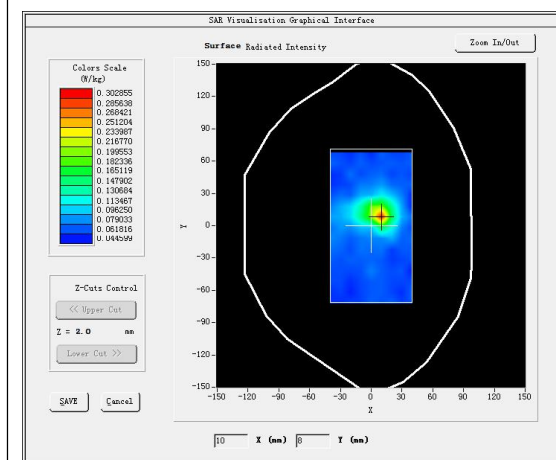
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11a (Crest factor: 1.0)</u>

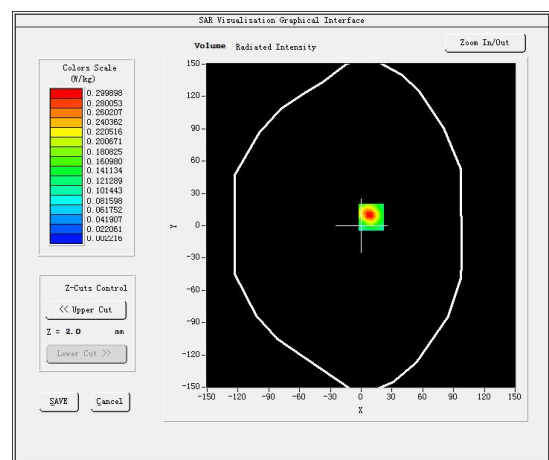
B. SAR Measurement Results

Frequency (MHz)	5785.000000
Relative permittivity (real part)	36.052410
Relative permittivity (imaginary part)	16.274469
Conductivity (S/m)	5.230434
Variation (%)	-0.120000

SURFACE SAR



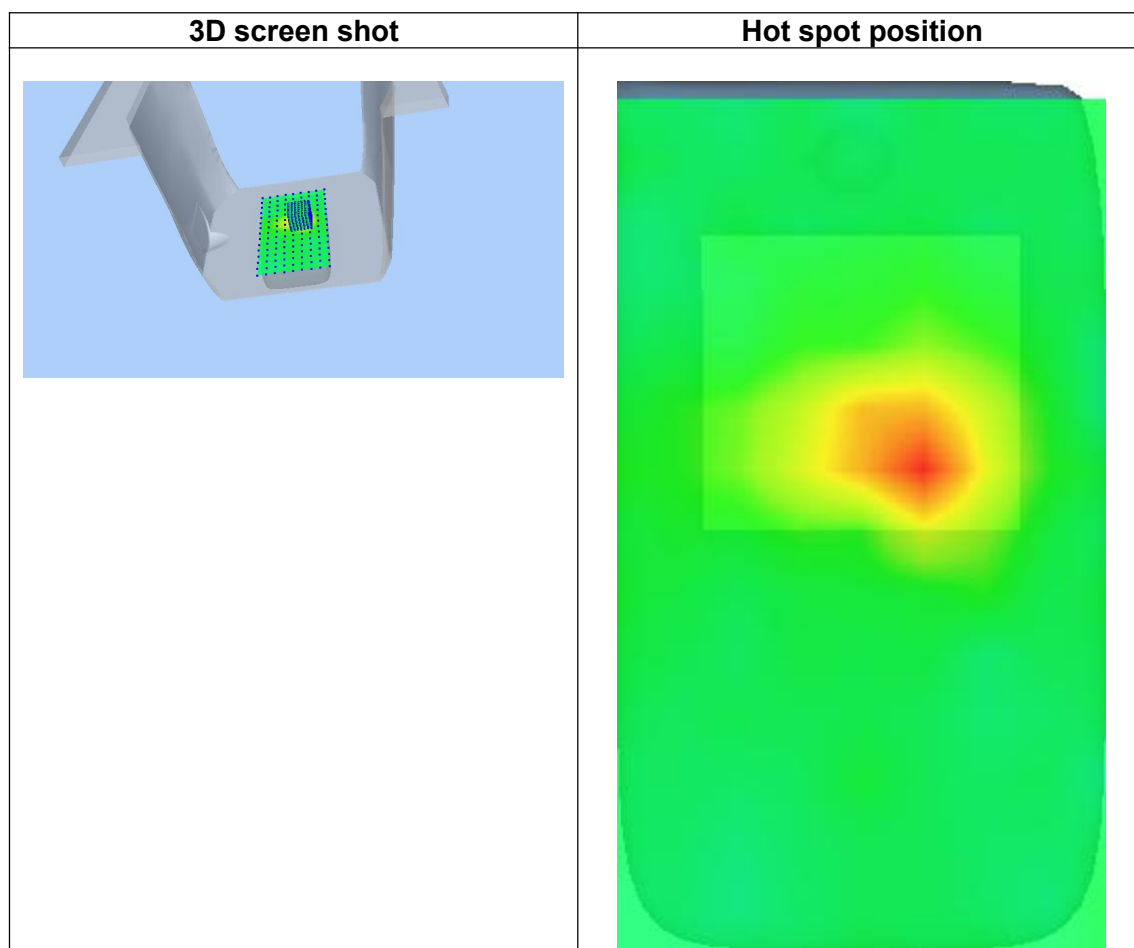
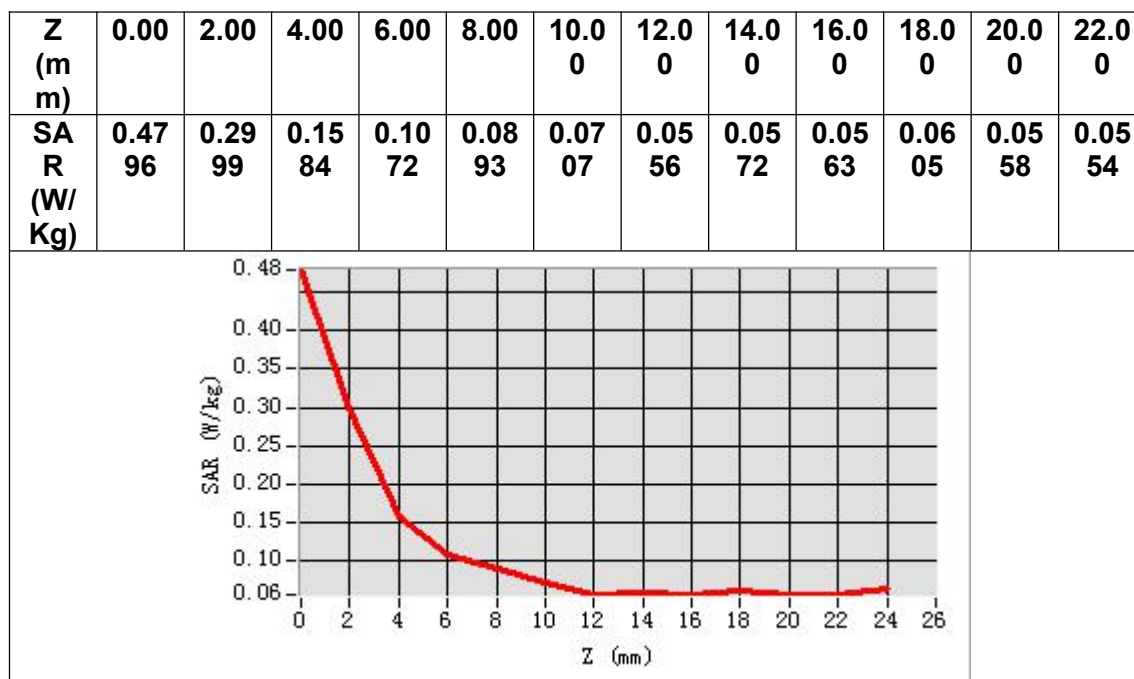
VOLUME SAR



Maximum location: X=10.00, Y=8.00

SAR Peak: 0.53 W/kg

SAR 10g (W/Kg)	0.100730
SAR 1g (W/Kg)	0.190648



MEASUREMENT 19

Date of measurement: 20/7/2021

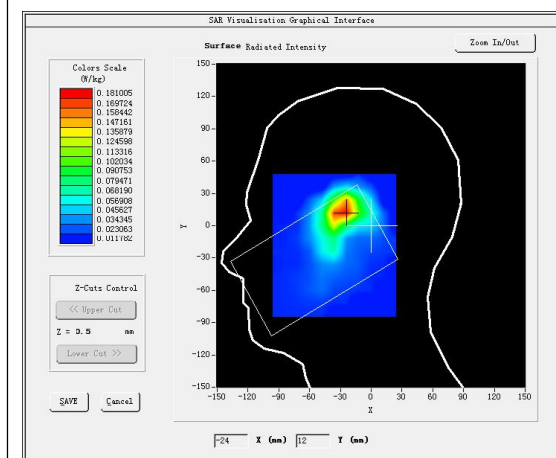
A. Experimental conditions.

Area Scan	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
ZoomScan	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11b ISM</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.11b (Crest factor: 1.0)</u>

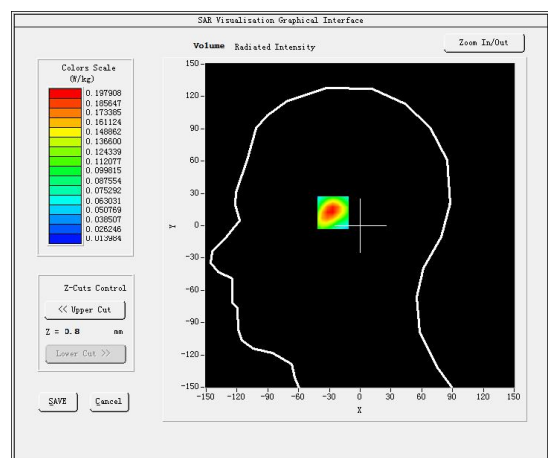
B. SAR Measurement Results

Frequency (MHz)	2437.000000
Relative permittivity (real part)	40.697720
Relative permittivity (imaginary part)	13.212899
Conductivity (S/m)	1.788880
Variation (%)	-3.100000

SURFACE SAR



VOLUME SAR



Maximum location: X=-26.00, Y=14.00

SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.101305
SAR 1g (W/Kg)	0.185298