

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

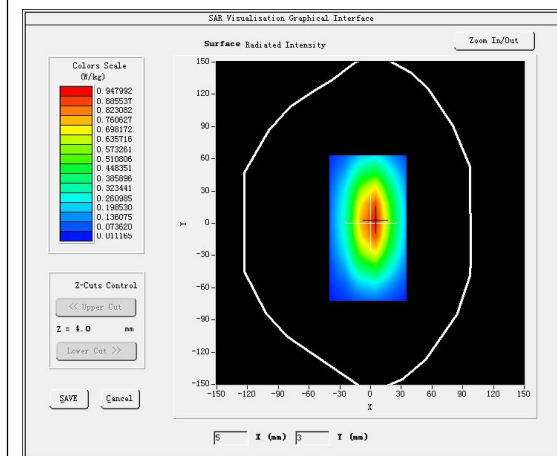
A. Experimental conditions.

<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>

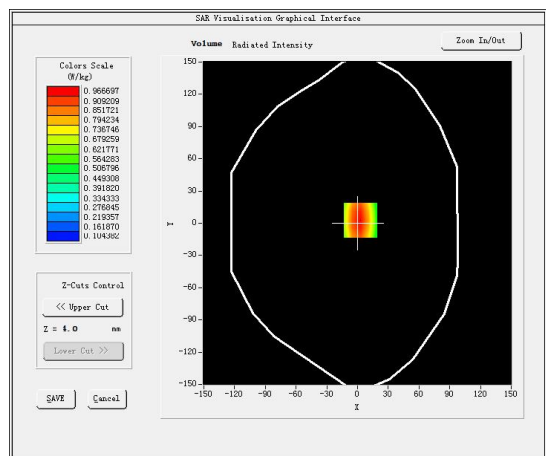
B. SAR Measurement Results

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



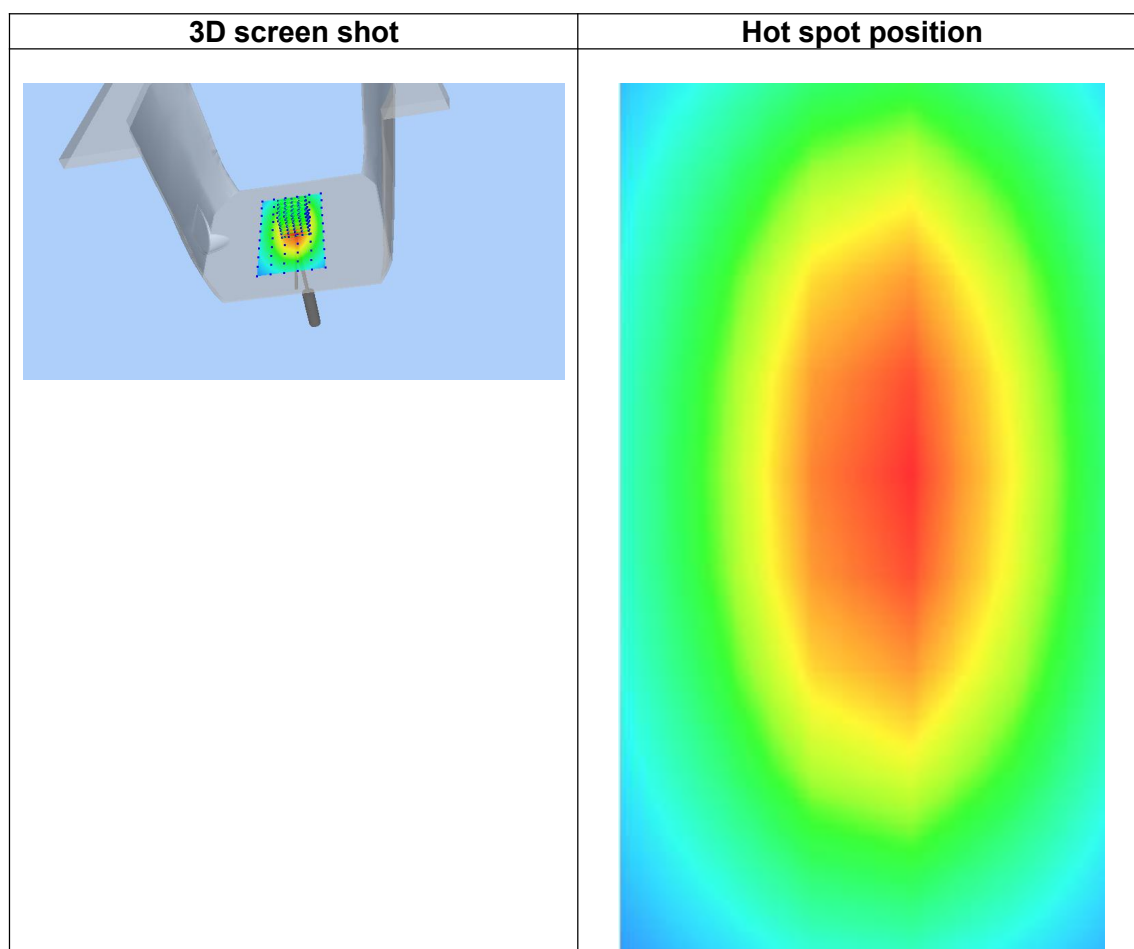
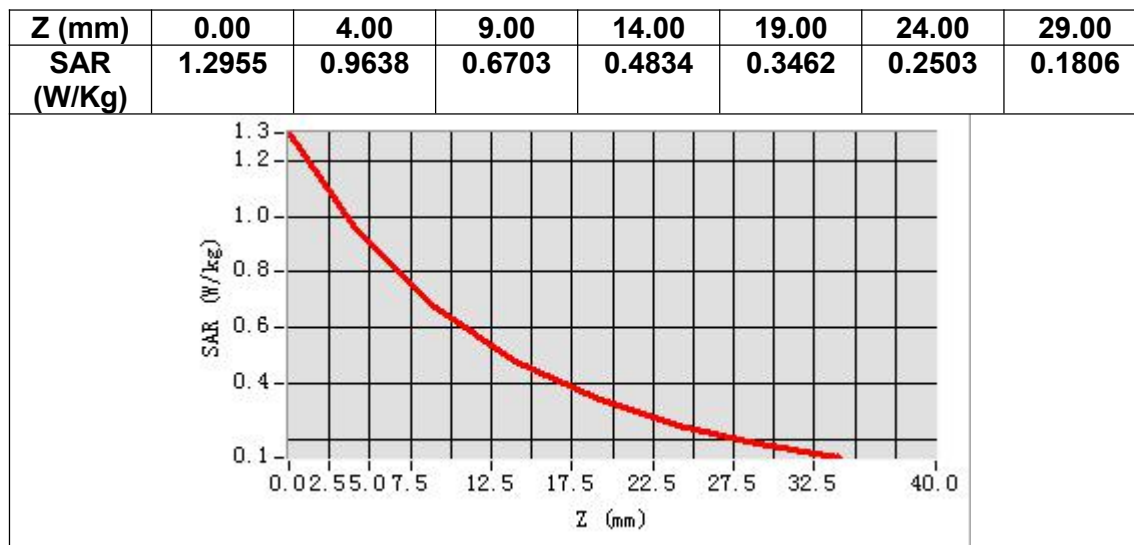
VOLUME SAR



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

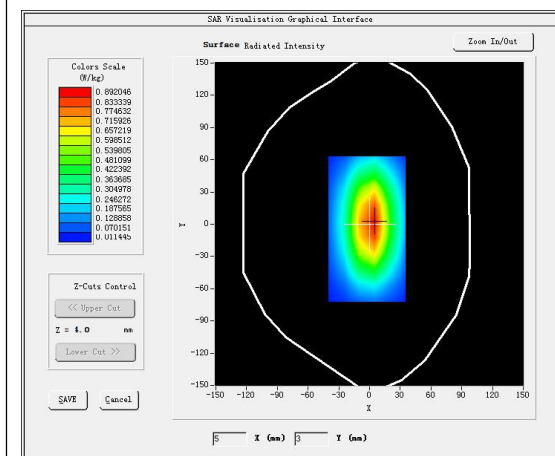
A. Experimental conditions.

<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>

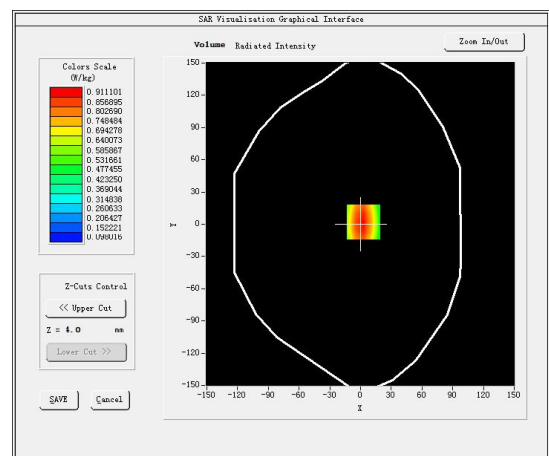
B. SAR Measurement Results

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



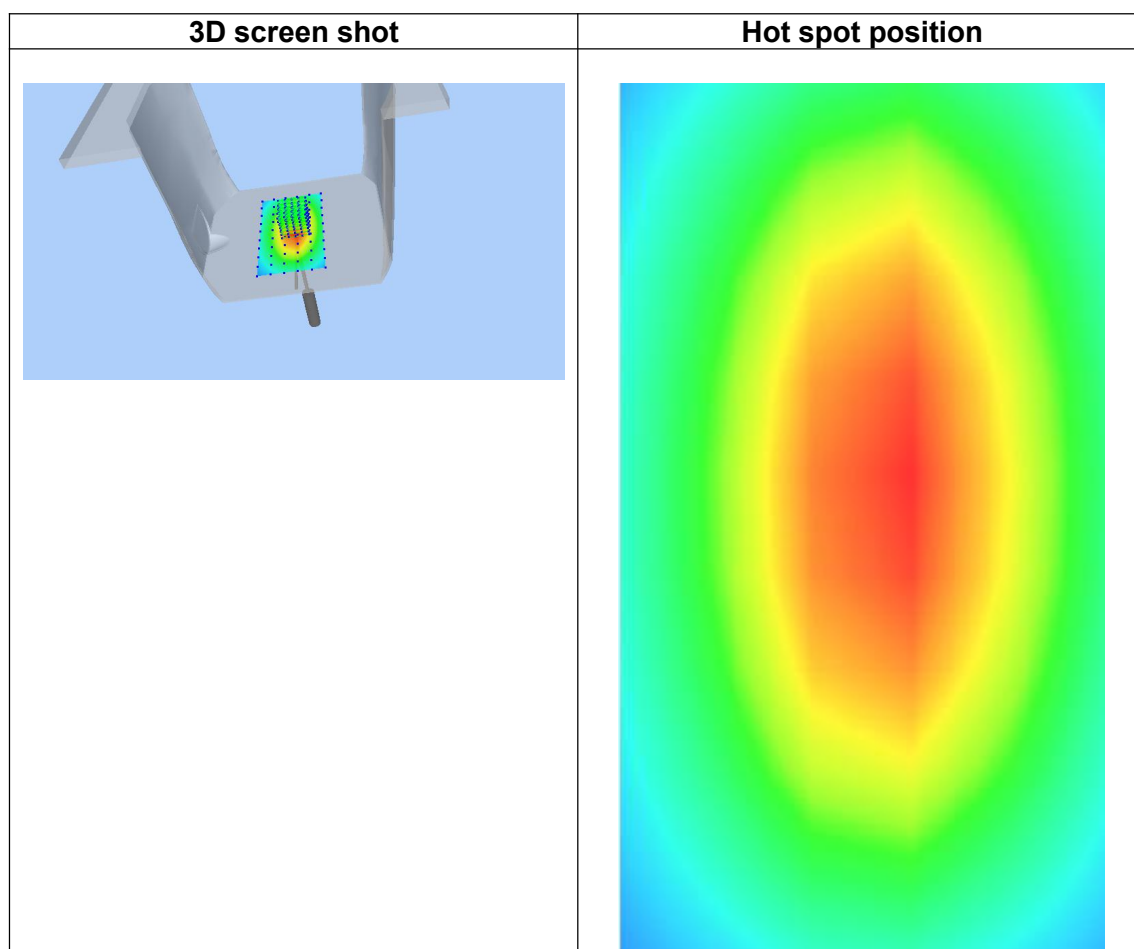
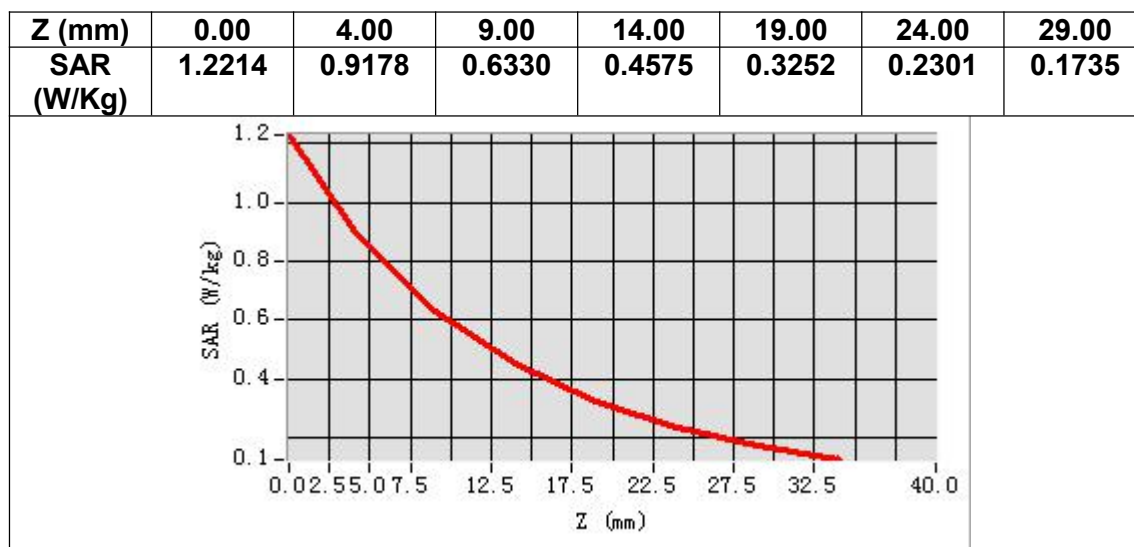
VOLUME SAR



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

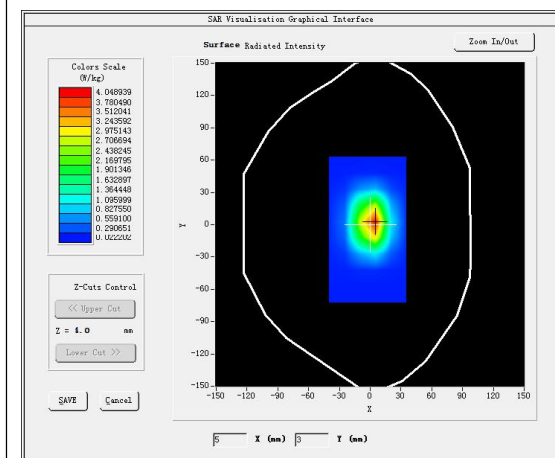
A. Experimental conditions.

<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>

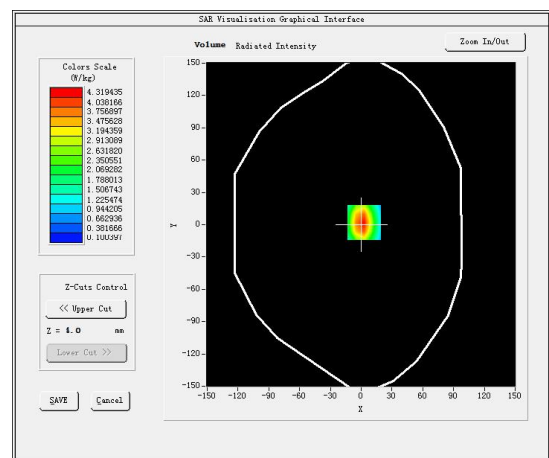
B. SAR Measurement Results

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



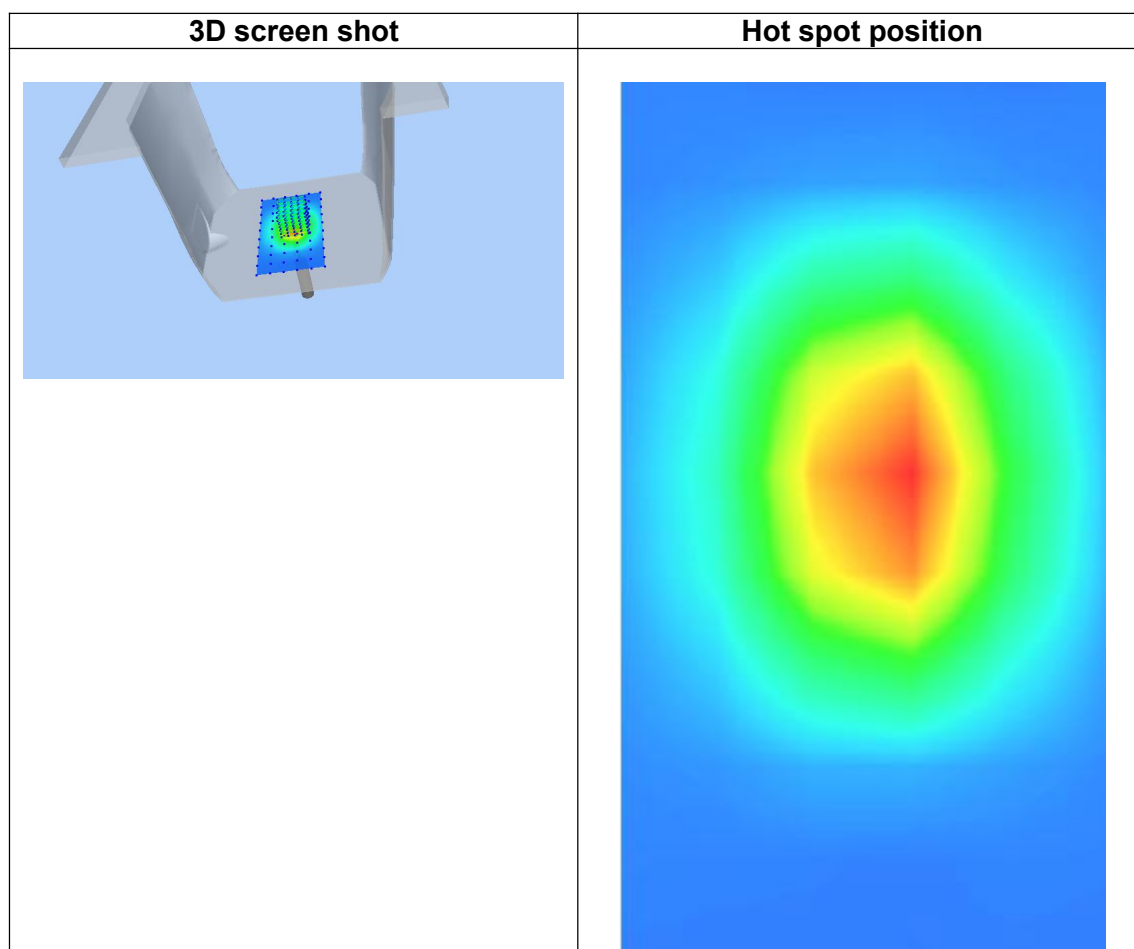
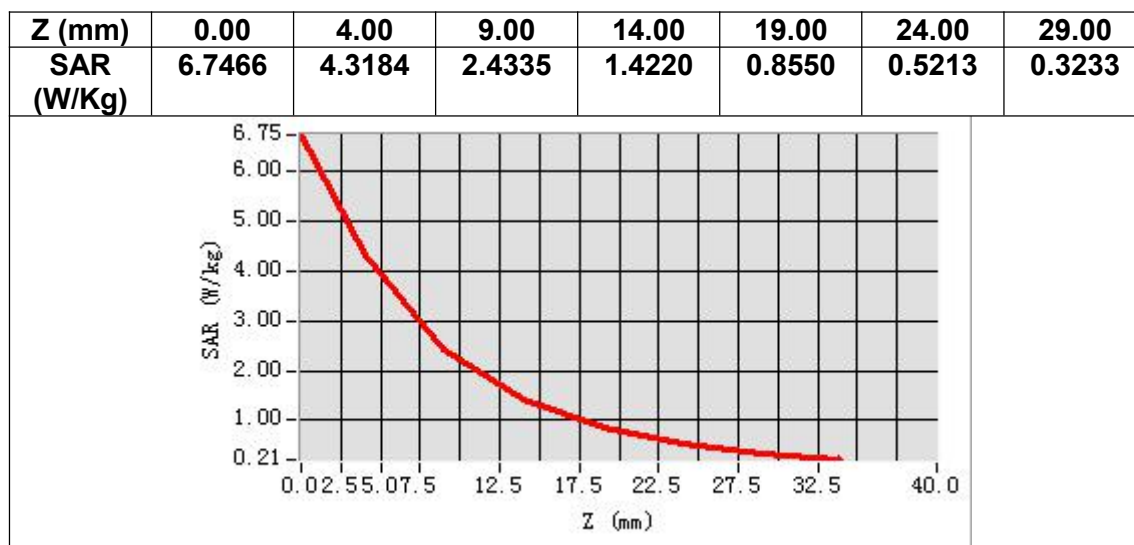
VOLUME SAR



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

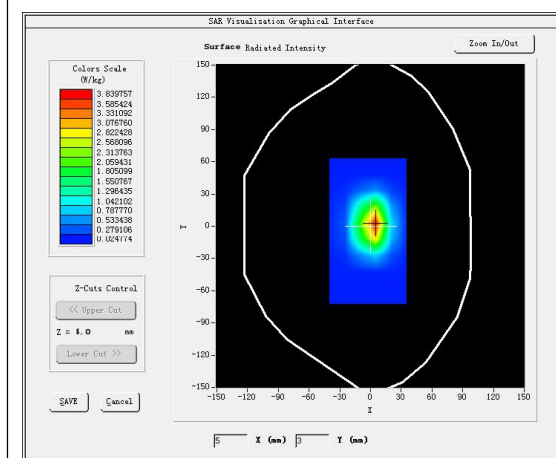
A. Experimental conditions.

<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>

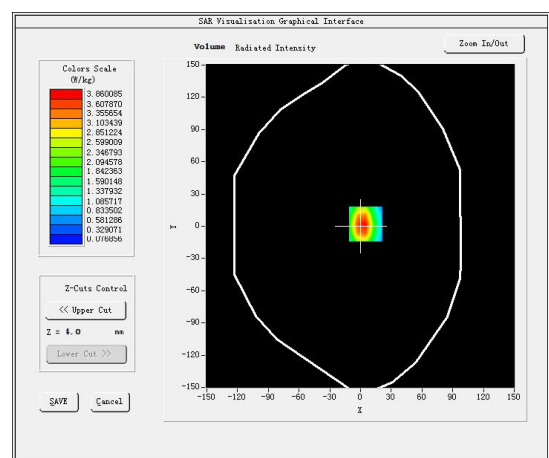
B. SAR Measurement Results

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



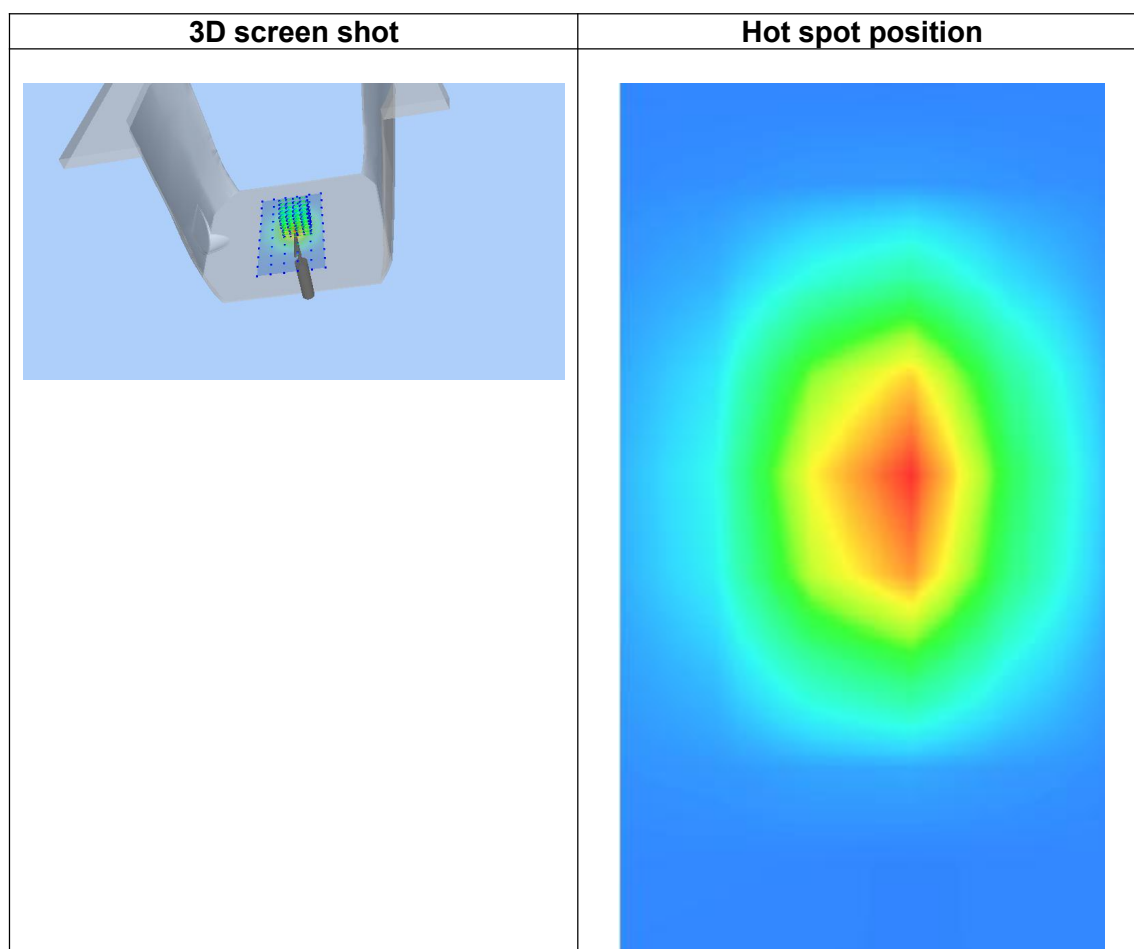
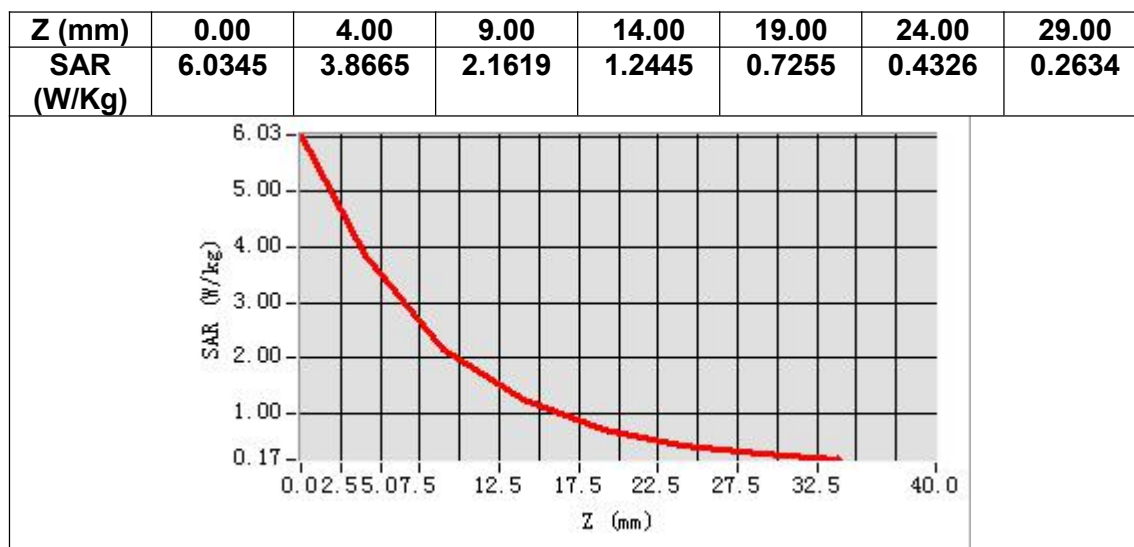
VOLUME SAR



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

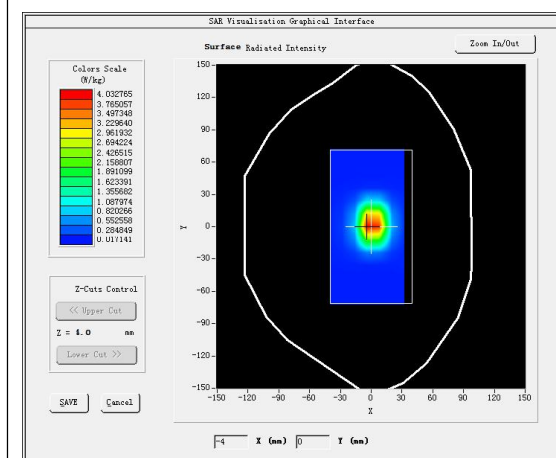
A. Experimental conditions.

<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>

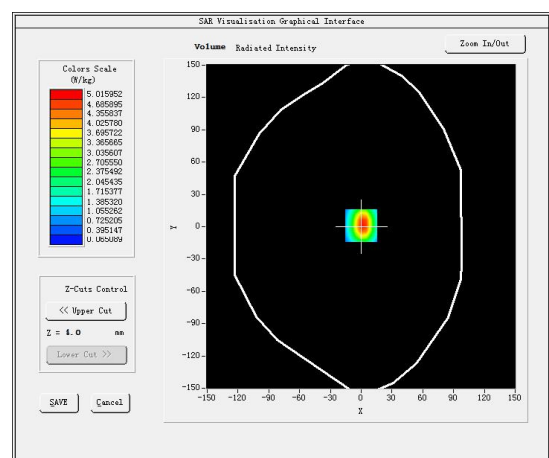
B. SAR Measurement Results

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



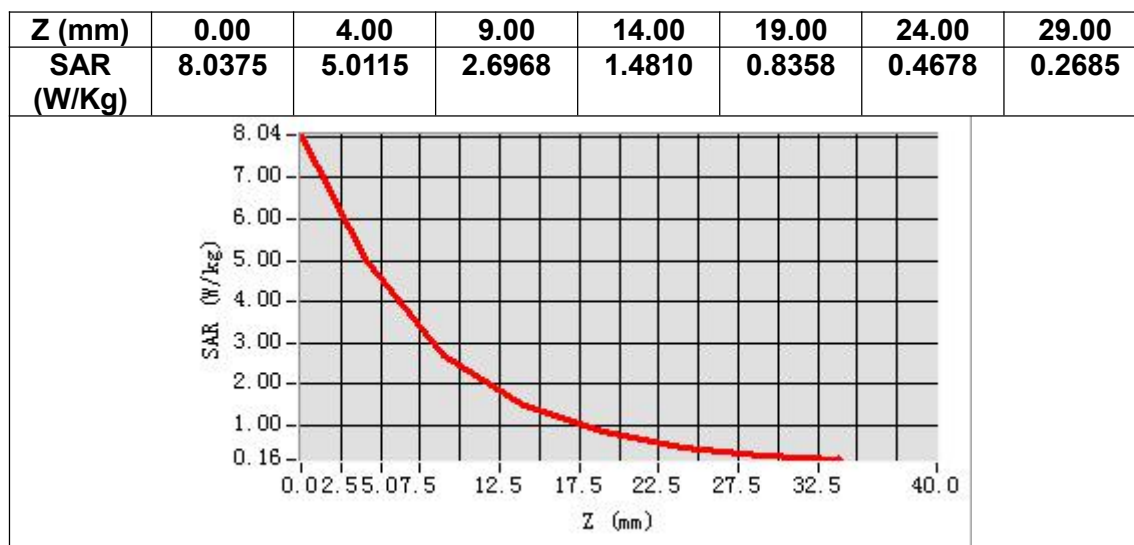
VOLUME SAR



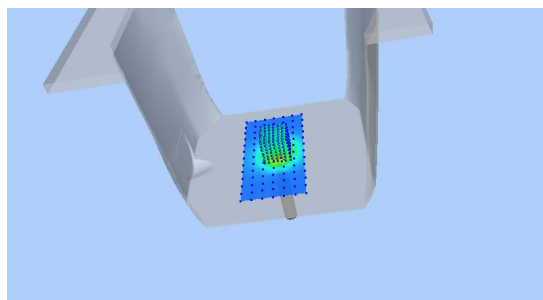
Maximum location: X=0.00, Y=1.00

SAR Peak: 8.14 W/kg

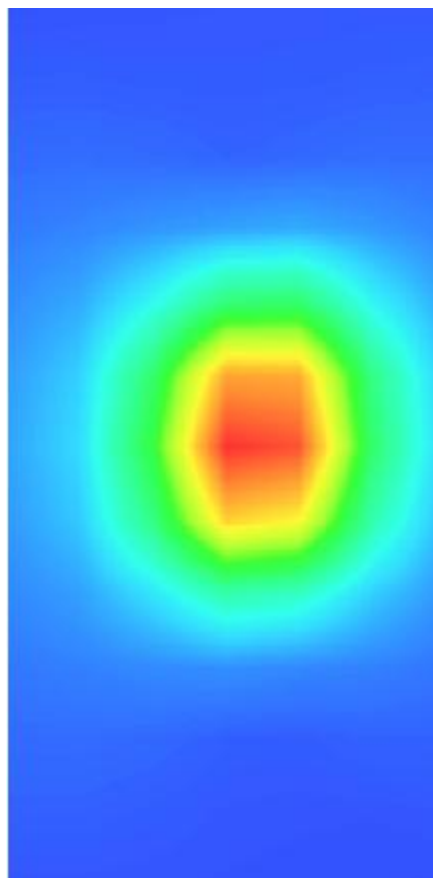
SAR 10g (W/Kg)	2.444786
SAR 1g (W/Kg)	5.346447



3D screen shot



Hot spot position



MEASUREMENT 6

Date of measurement: 17/7/2021

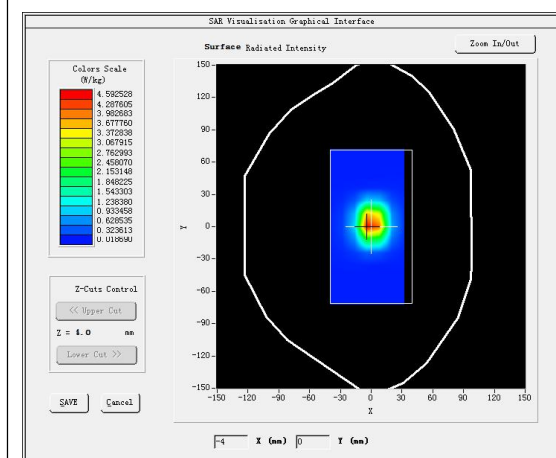
A. Experimental conditions.

<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>

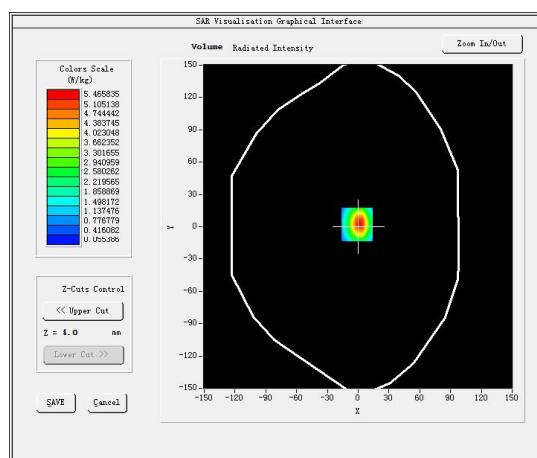
B. SAR Measurement Results

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



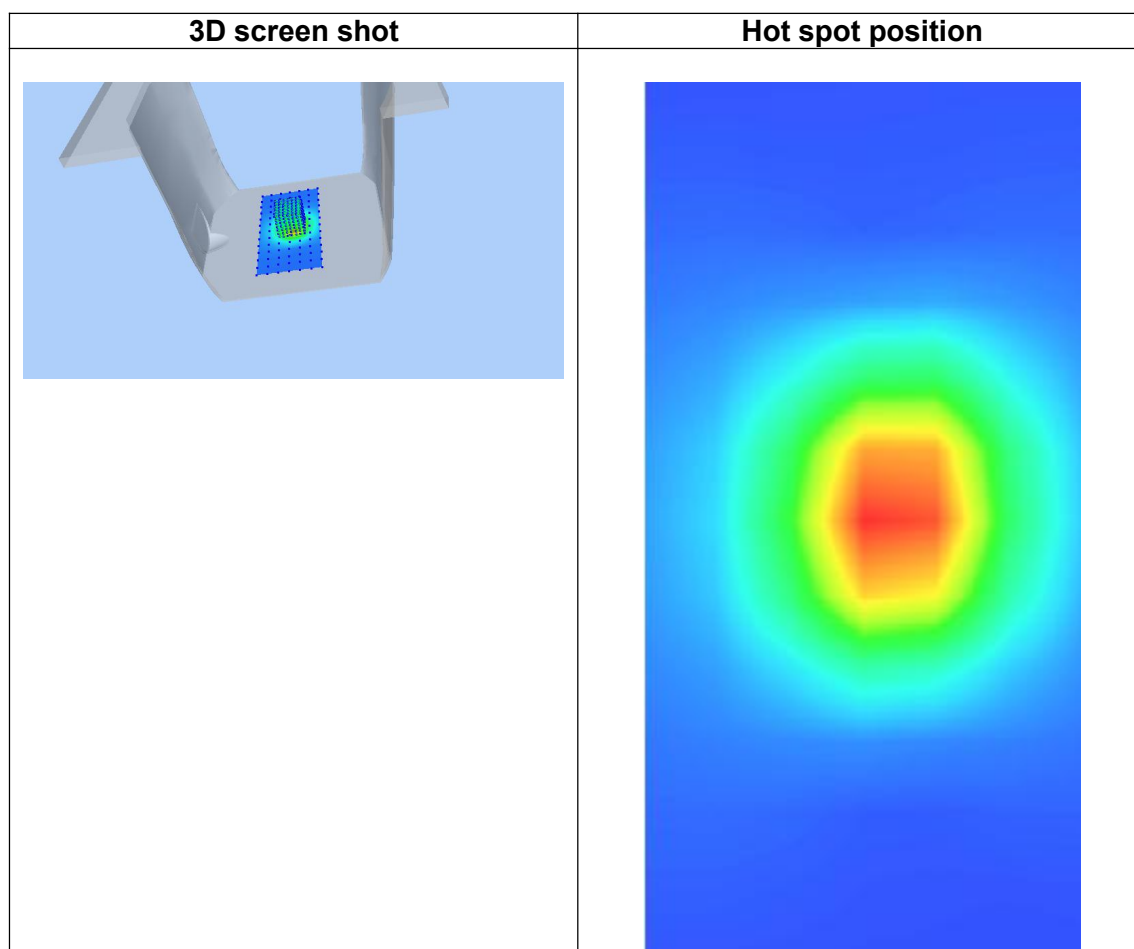
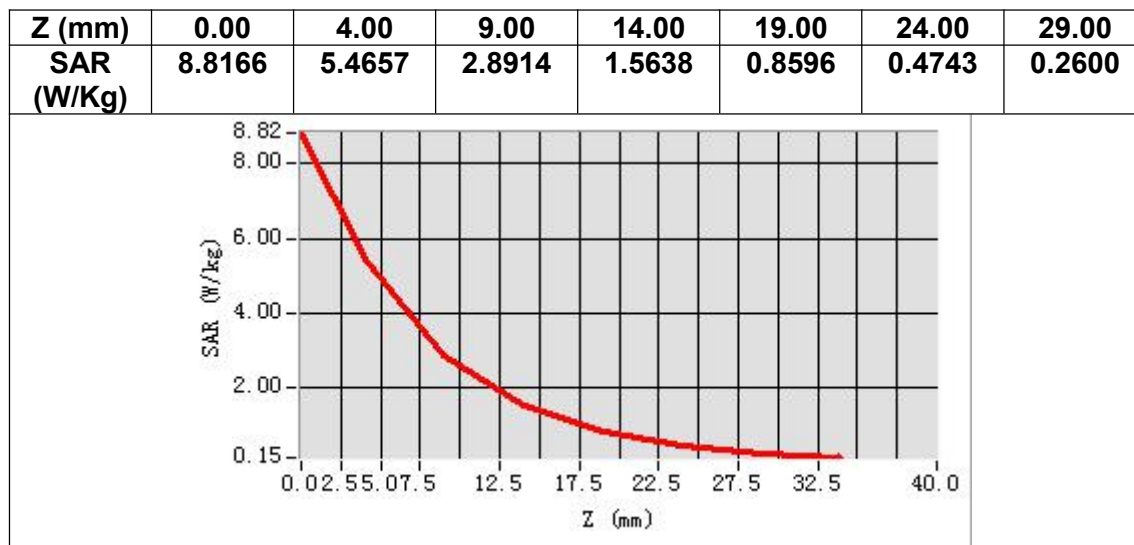
VOLUME SAR



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



MEASUREMENT 7

Date of measurement: 27/7/2021

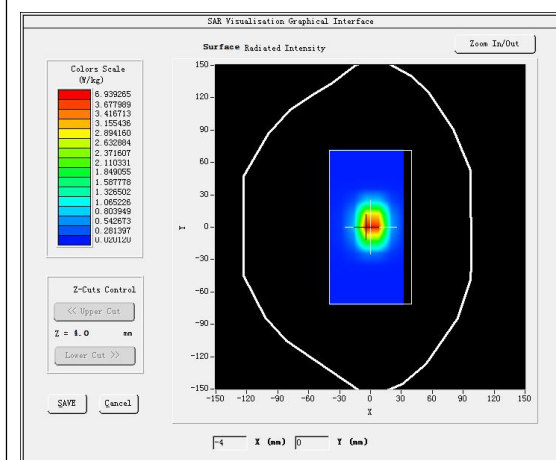
A. Experimental conditions.

<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>

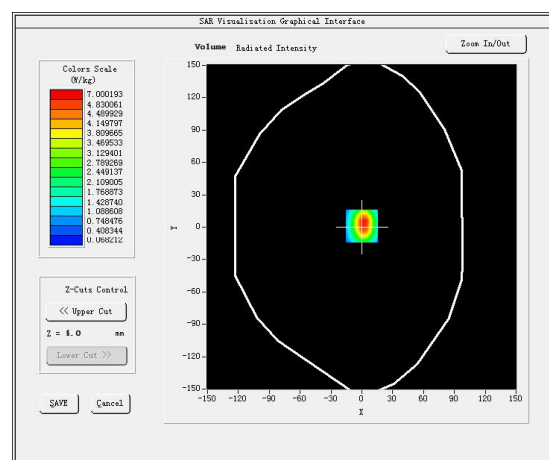
B. SAR Measurement Results

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



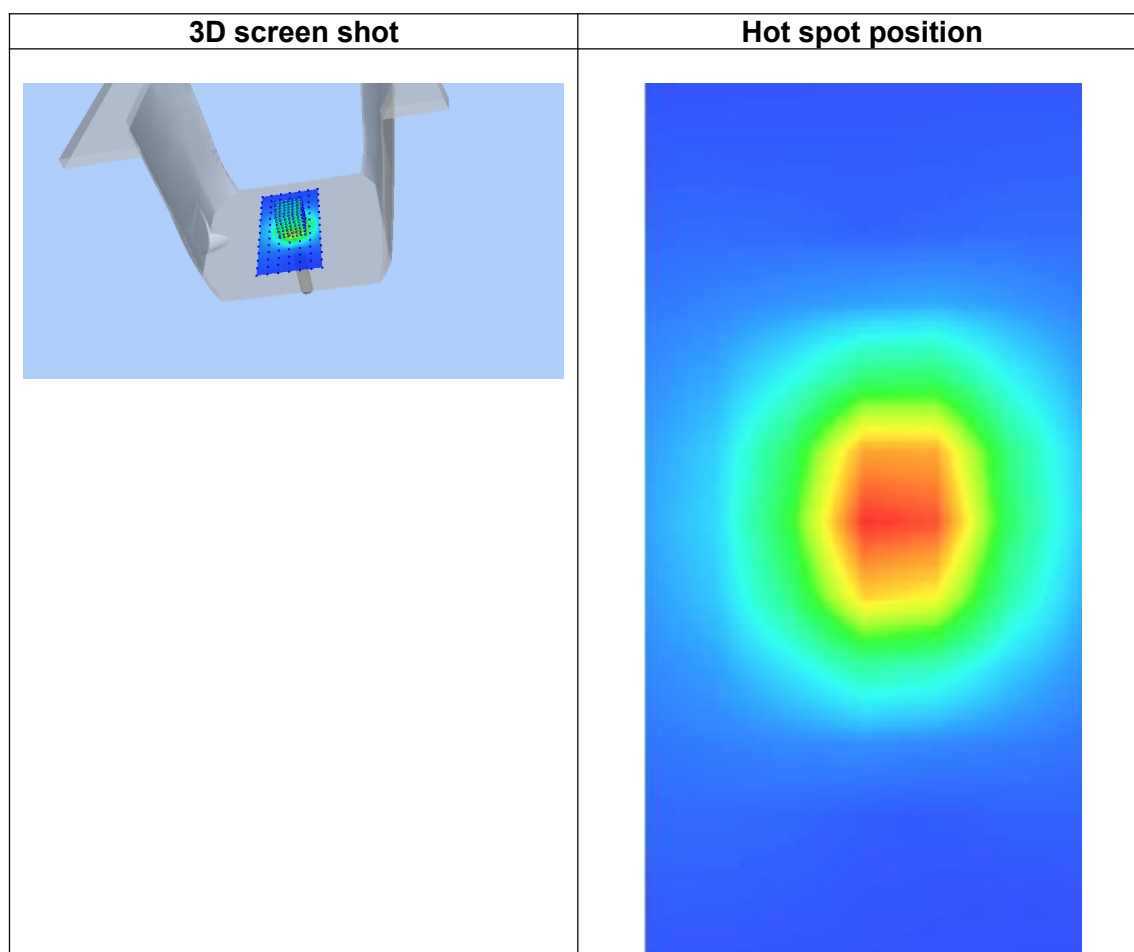
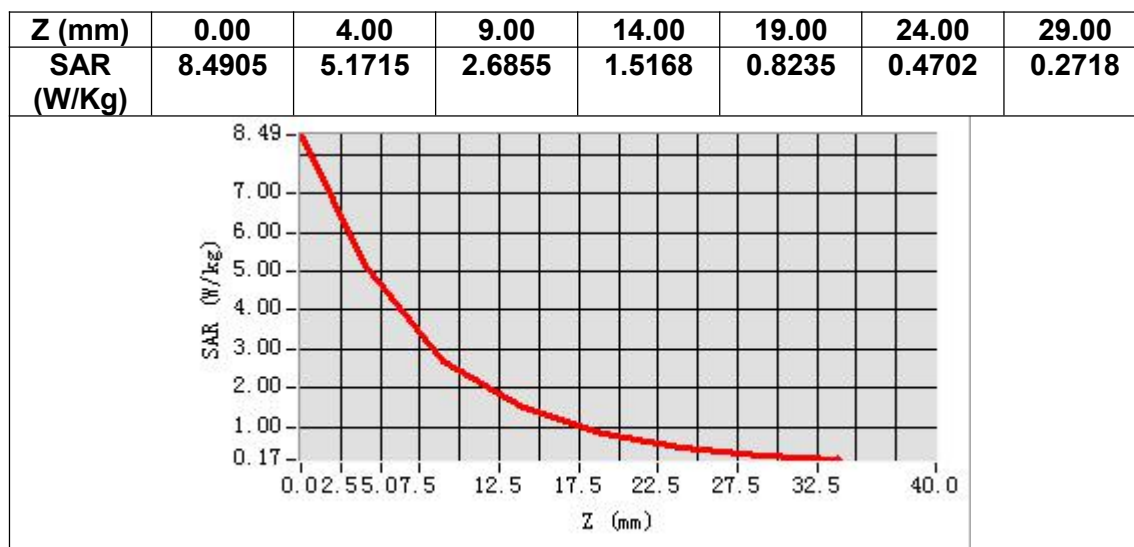
VOLUME SAR



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

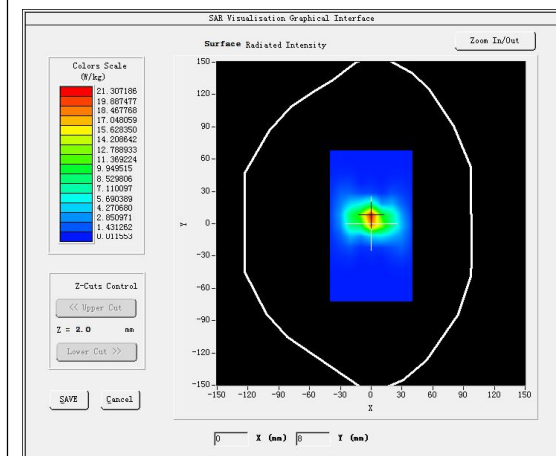
A. Experimental conditions.

<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>

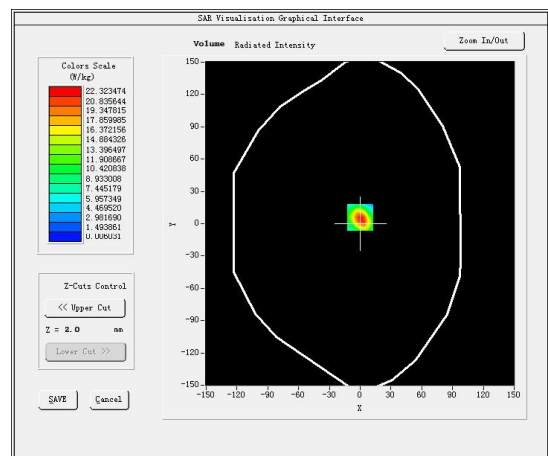
B. SAR Measurement Results

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

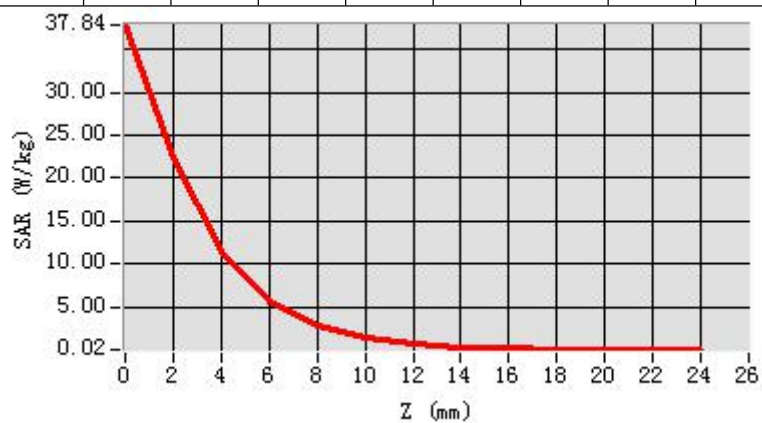


Maximum location: X=0.00, Y=6.00

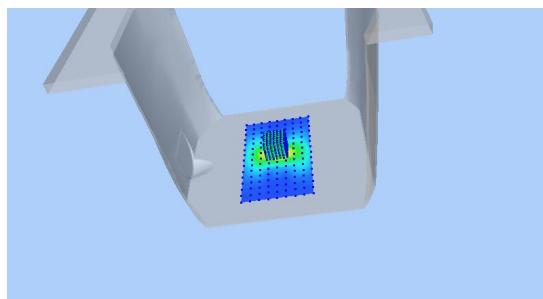
SAR Peak: 40.06 W/kg

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

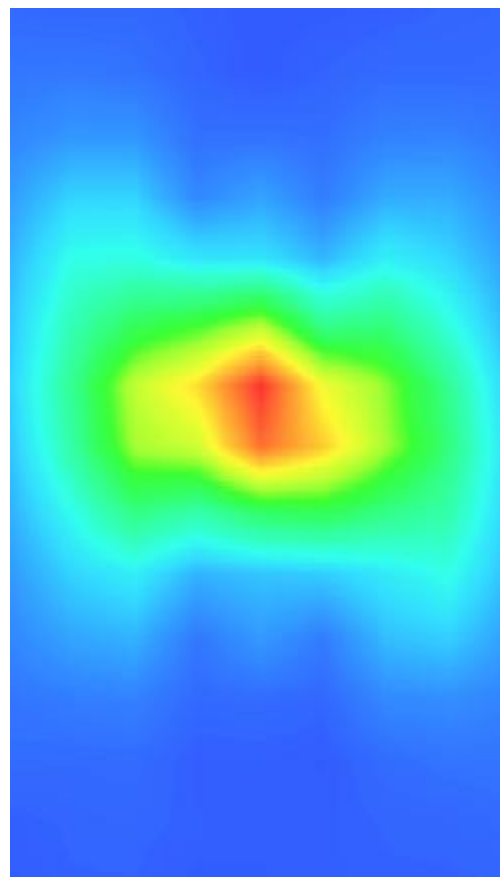
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	37.8 363	22.3 256	11.3 767	5.66 82	2.82 34	1.40 43	0.71 16	0.36 63	0.18 63	0.10 01	0.05 27	0.03 38



3D screen shot



Hot spot position



MEASUREMENT 9

Date of measurement: 26/7/2021

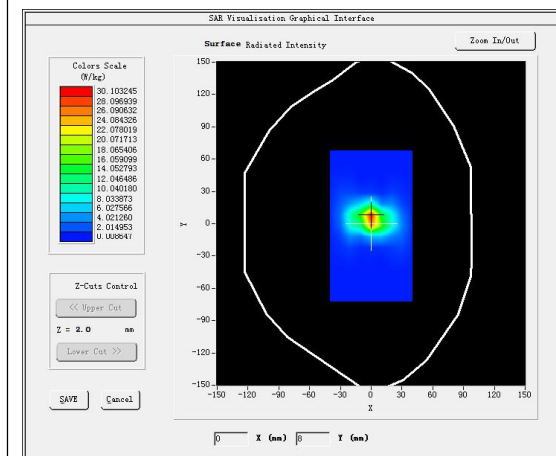
A. Experimental conditions.

<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>

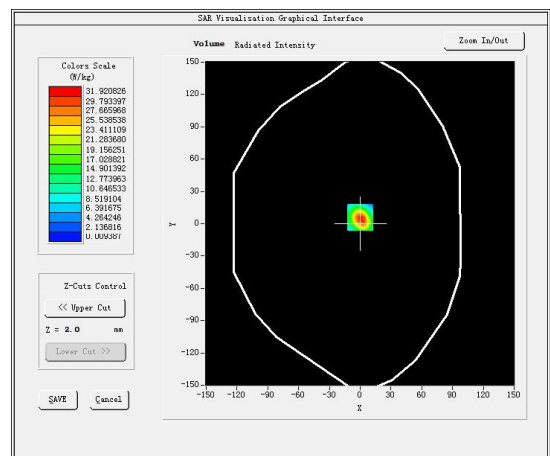
B. SAR Measurement Results

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



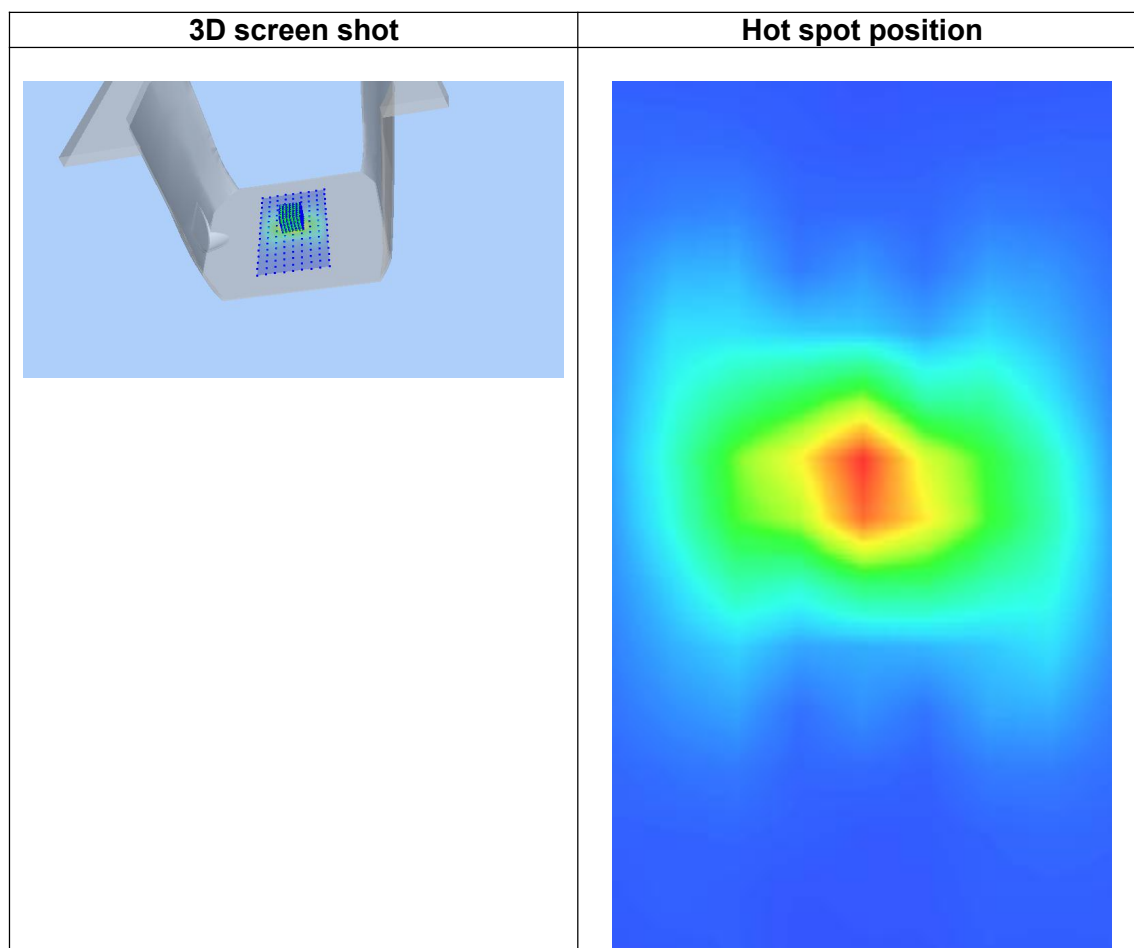
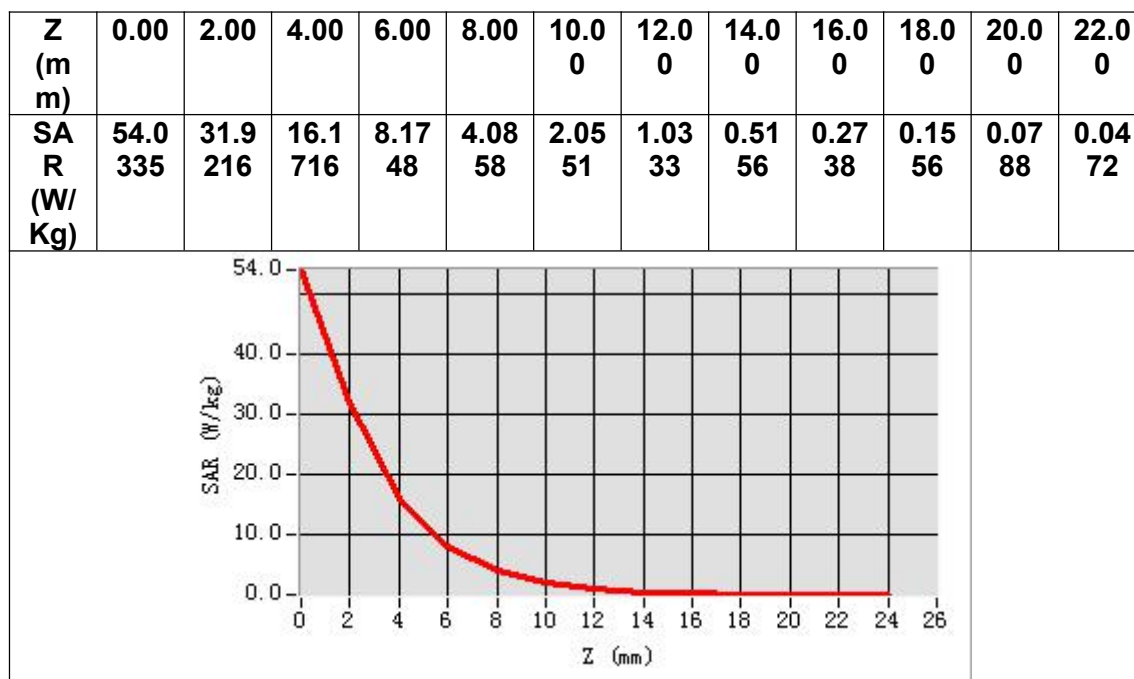
VOLUME SAR



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



13. Appendix C. Plots of High SAR Measurement

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MEASUREMENT 1

Date of measurement: 12/7/2021

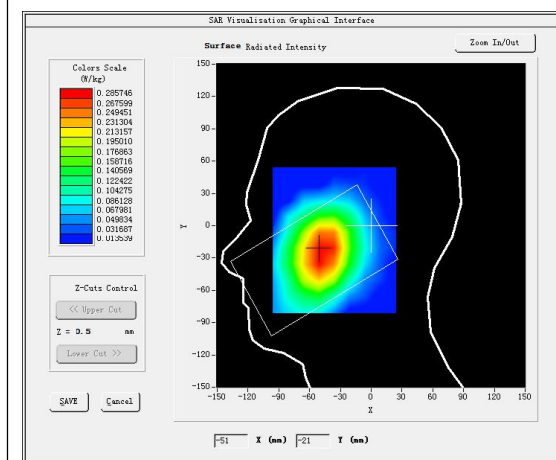
A. Experimental conditions.

<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>

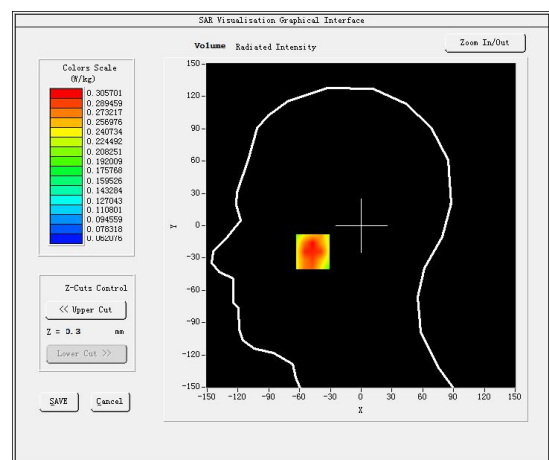
B. SAR Measurement Results

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



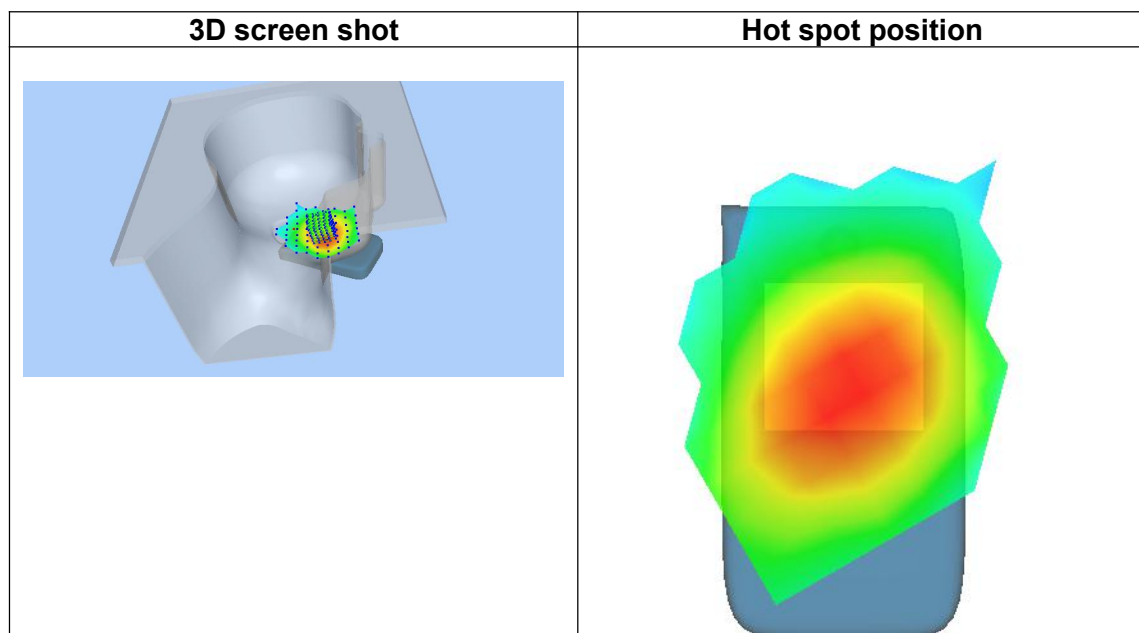
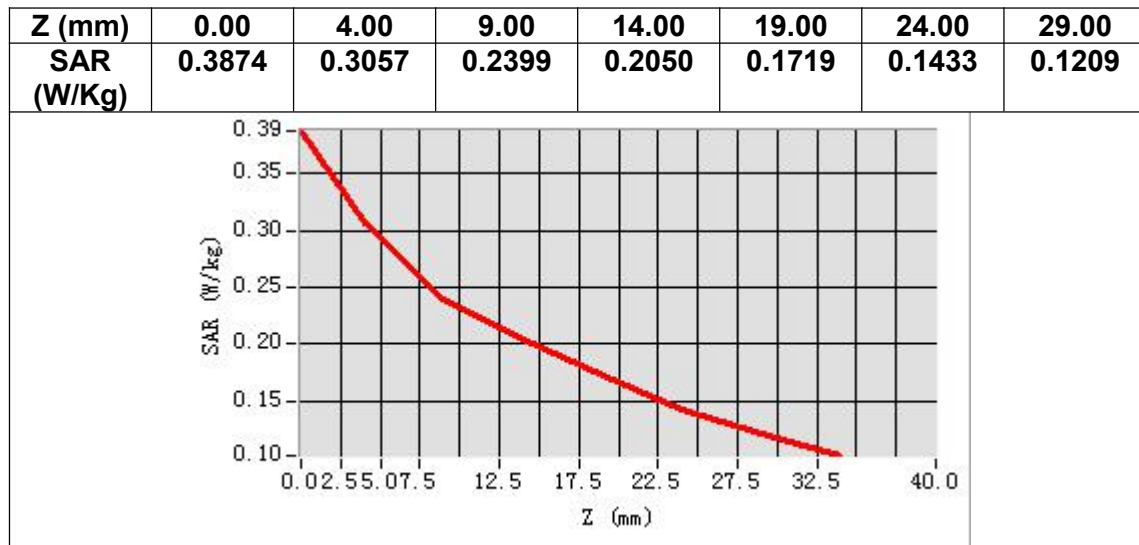
VOLUME SAR



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

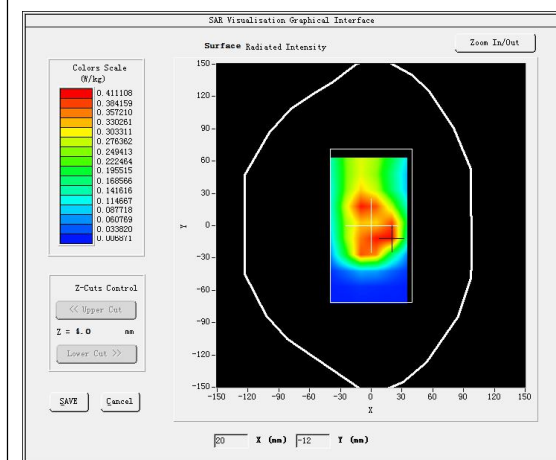
A. Experimental conditions.

<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>

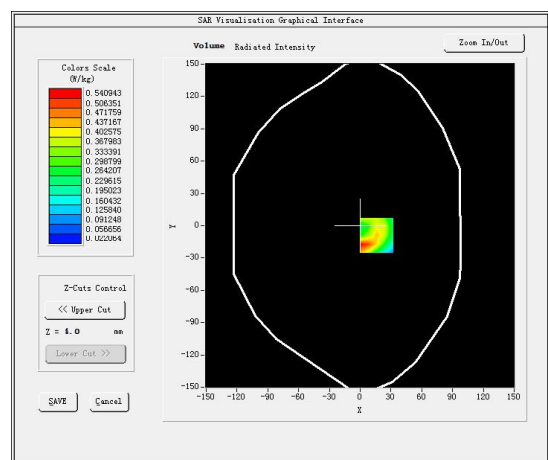
B. SAR Measurement Results

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



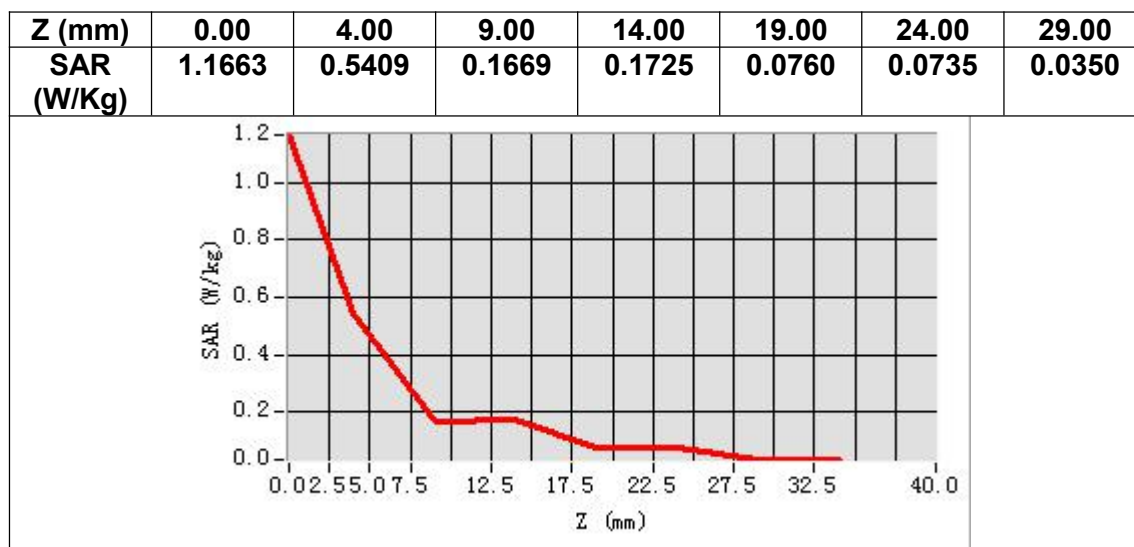
VOLUME SAR



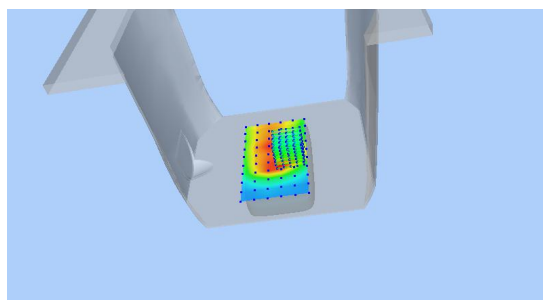
Maximum location: X=16.00, Y=-9.00

SAR Peak: 0.87 W/kg

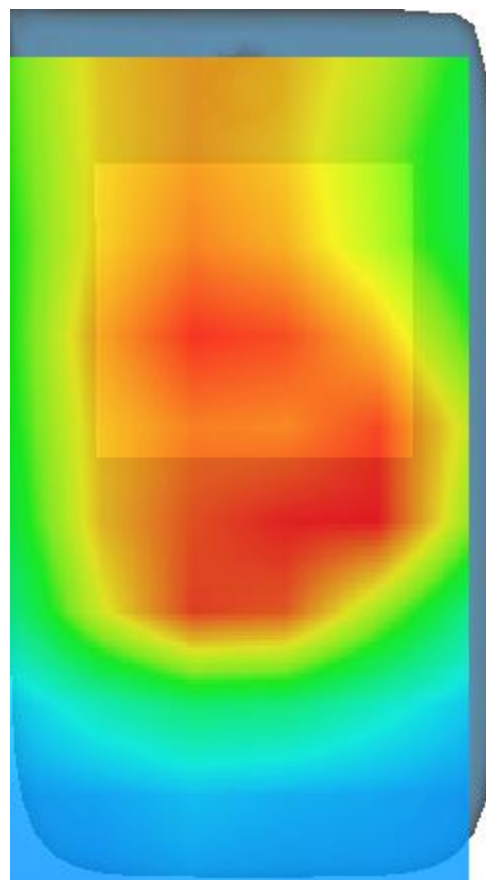
SAR 10g (W/Kg)	0.286432
SAR 1g (W/Kg)	0.483902



3D screen shot



Hot spot position



MEASUREMENT 3

Date of measurement: 19/7/2021

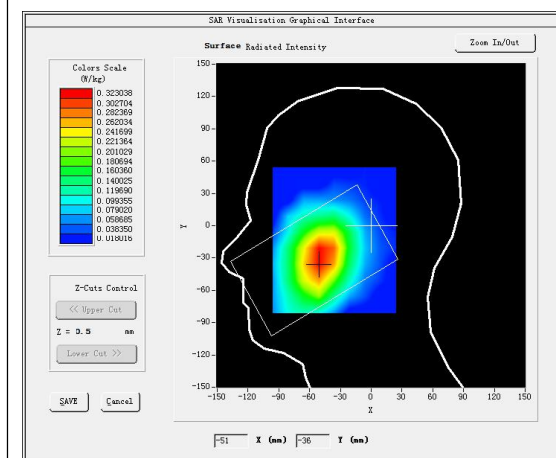
A. Experimental conditions.

<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>

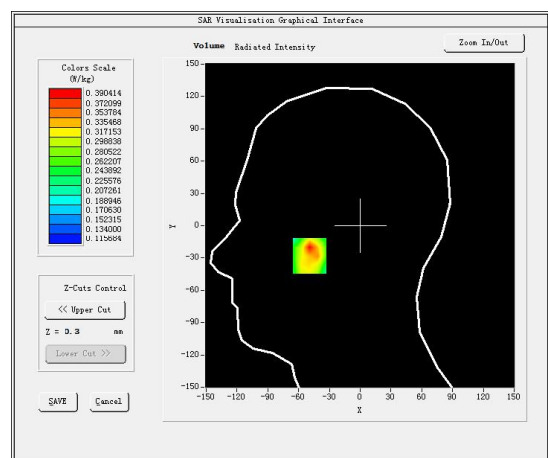
B. SAR Measurement Results

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



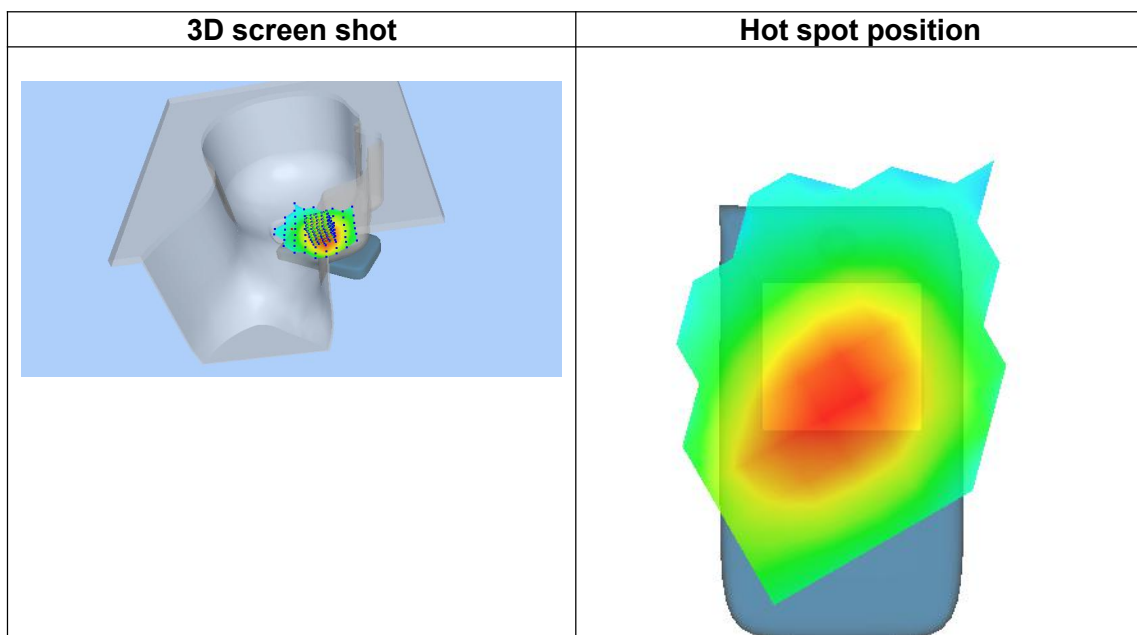
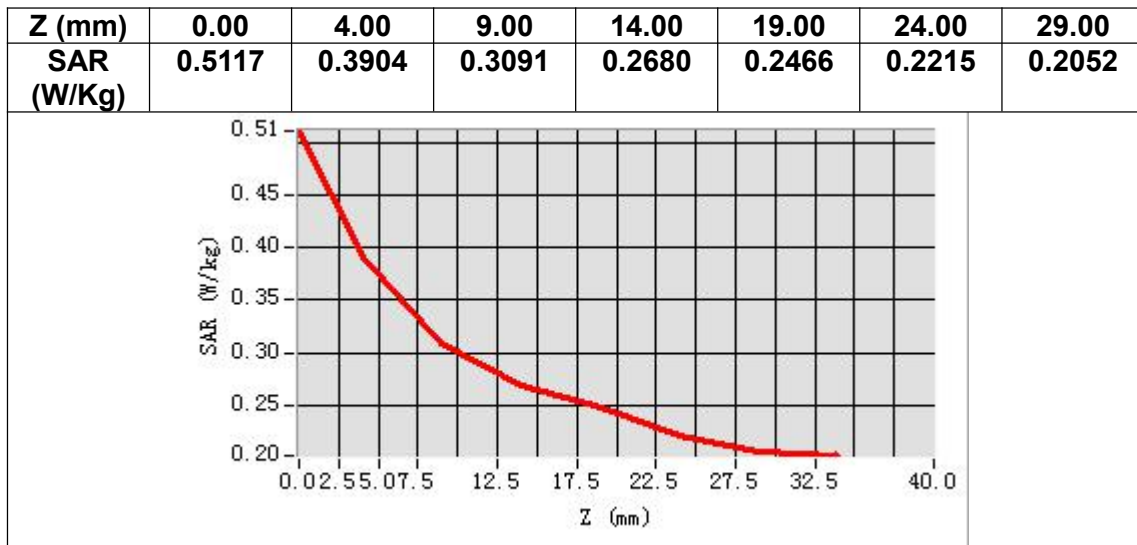
VOLUME SAR



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



MEASUREMENT 4

Date of measurement: 19/7/2021

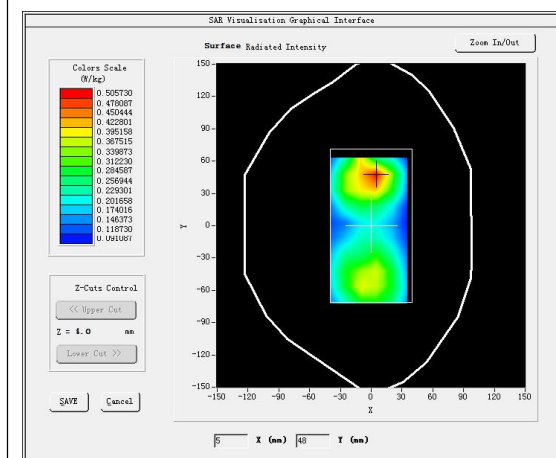
A. Experimental conditions.

<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>

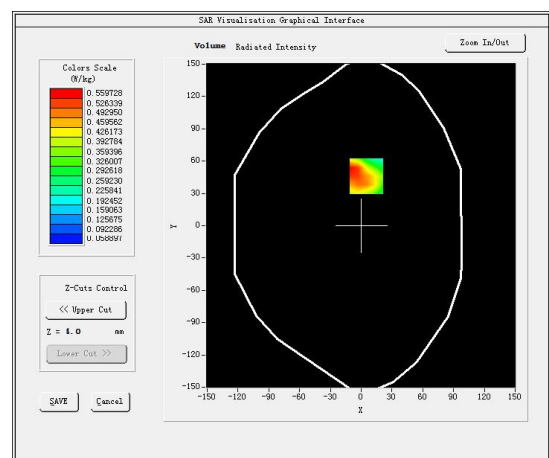
B. SAR Measurement Results

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



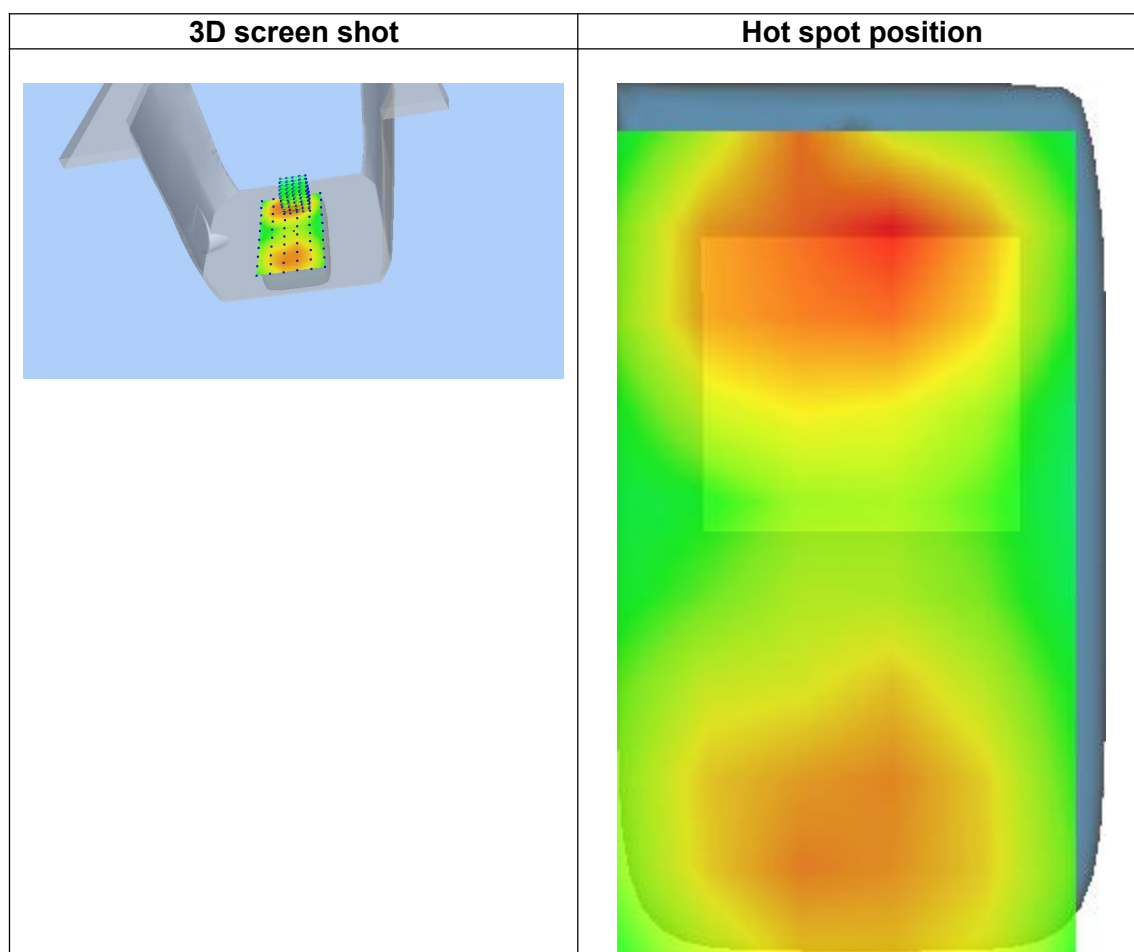
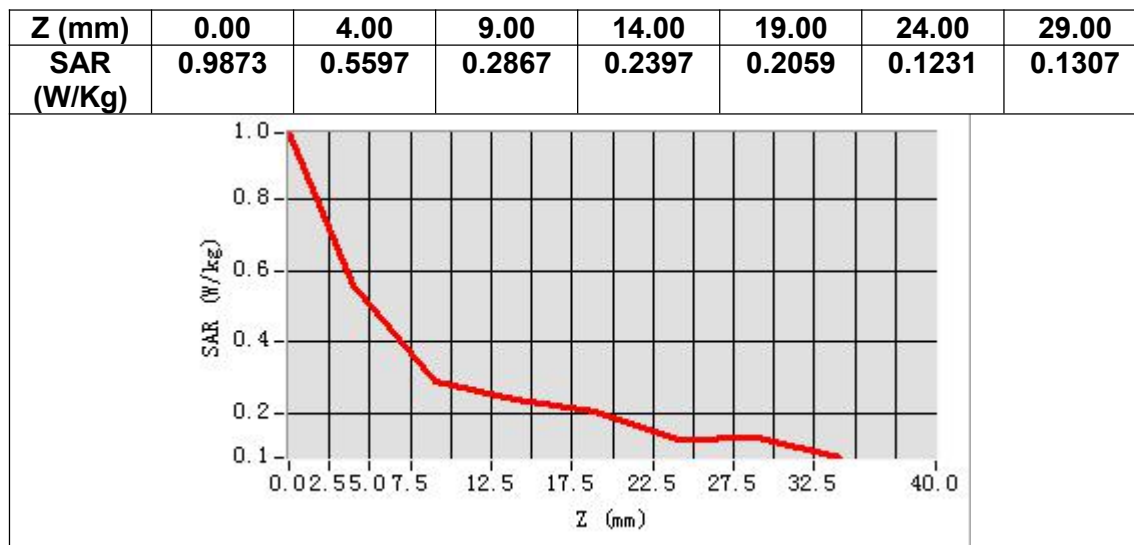
VOLUME SAR



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



MEASUREMENT 5

Date of measurement: 19/7/2021

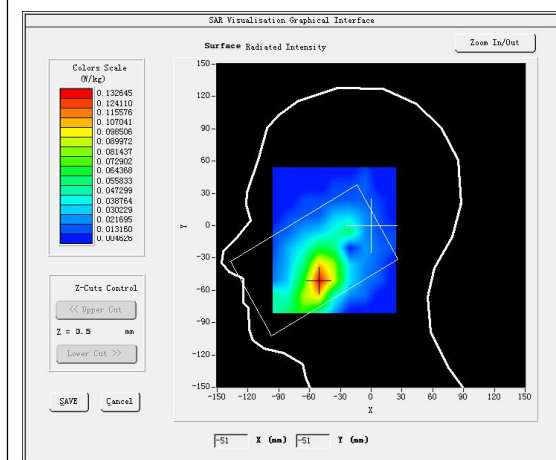
A. Experimental conditions.

<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>

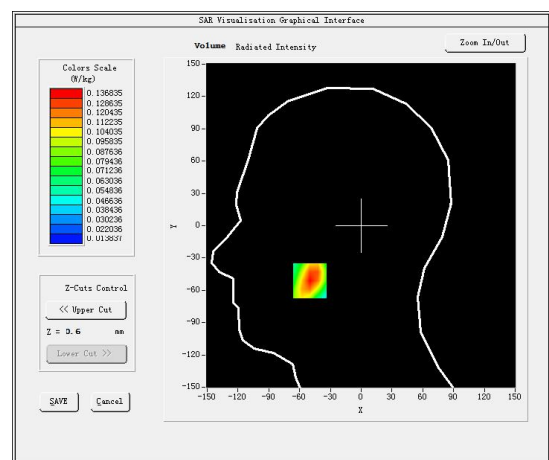
B. SAR Measurement Results

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



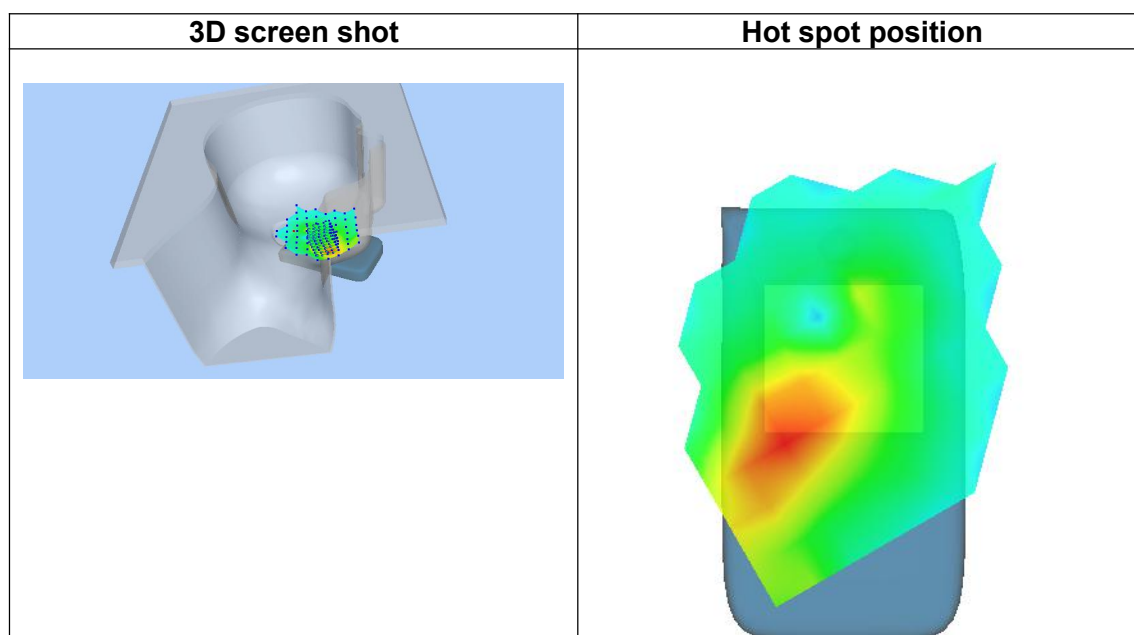
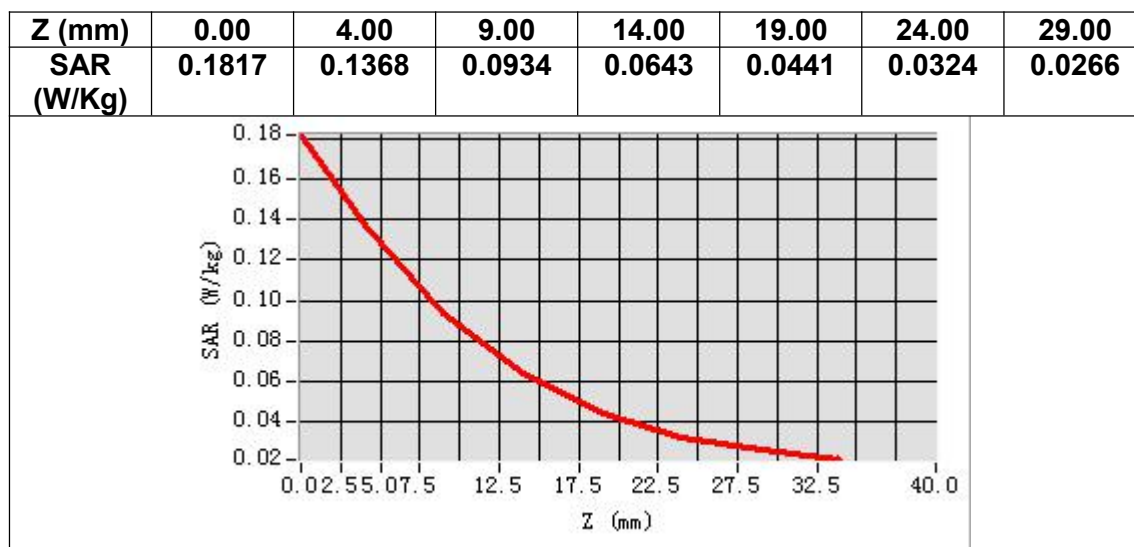
VOLUME SAR



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

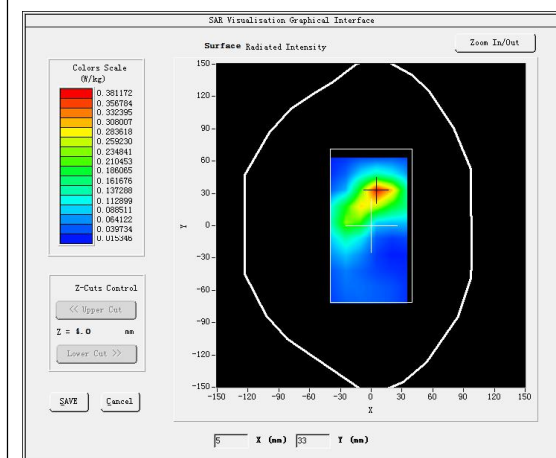
A. Experimental conditions.

<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>

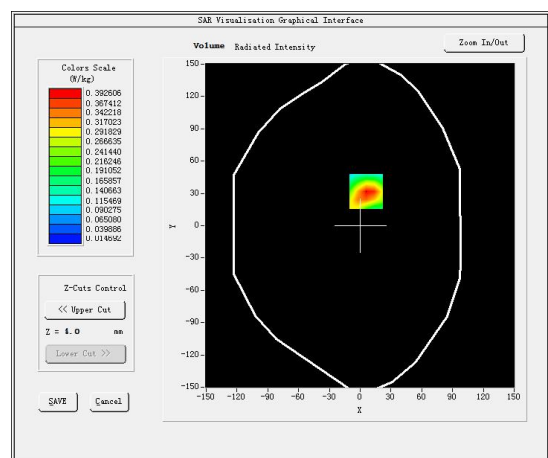
B. SAR Measurement Results

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



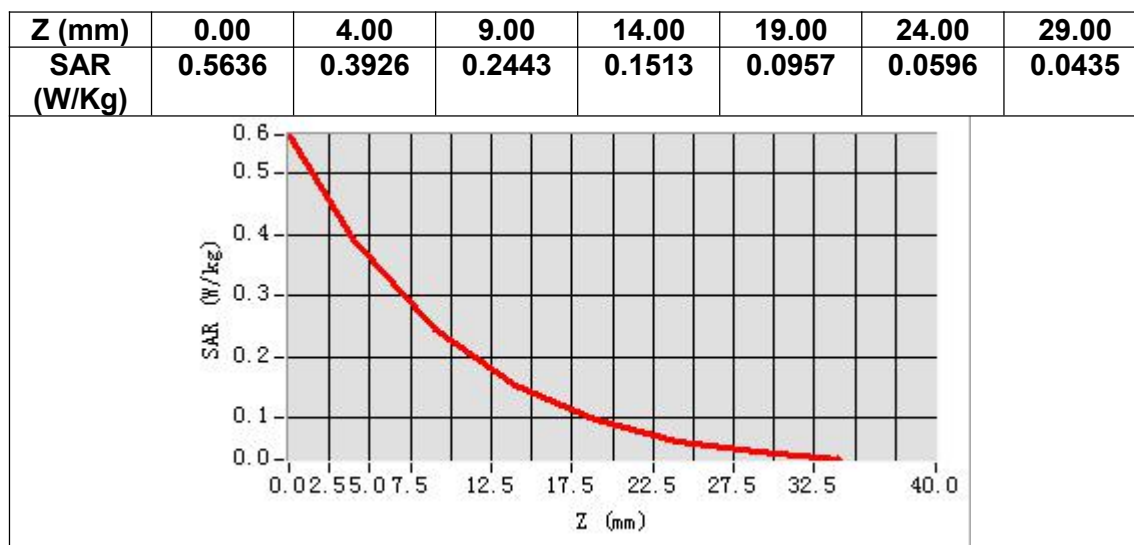
VOLUME SAR



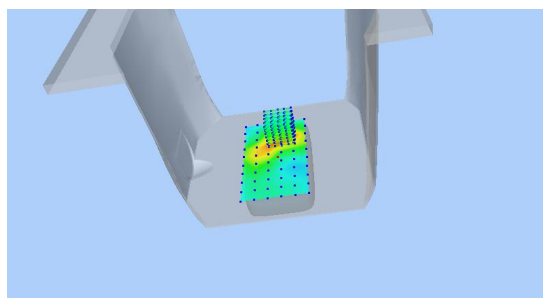
Maximum location: X=6.00, Y=32.00

SAR Peak: 0.58 W/kg

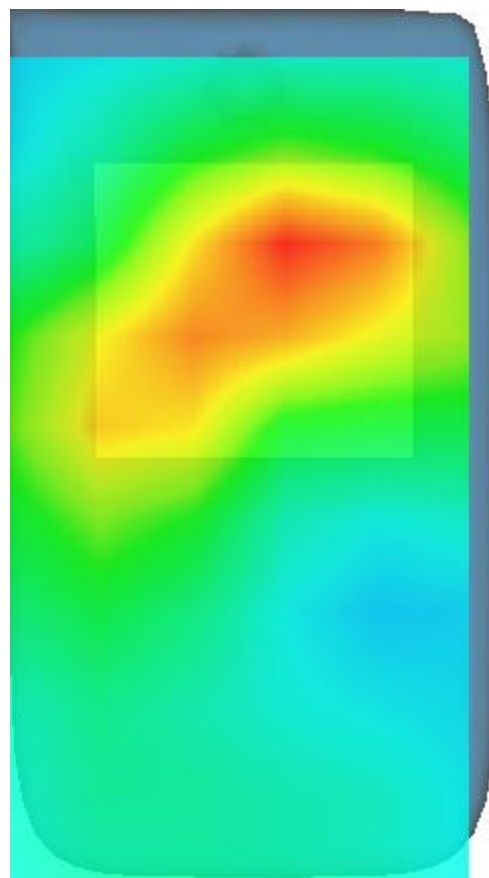
SAR 10g (W/Kg)	0.212738
SAR 1g (W/Kg)	0.382326



3D screen shot



Hot spot position



MEASUREMENT 7

Date of measurement: 15/7/2021

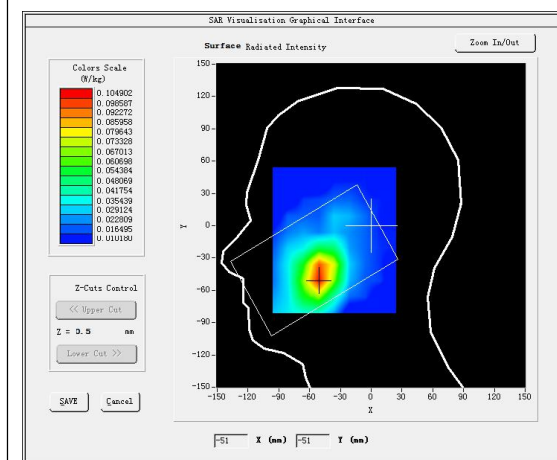
A. Experimental conditions.

<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>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

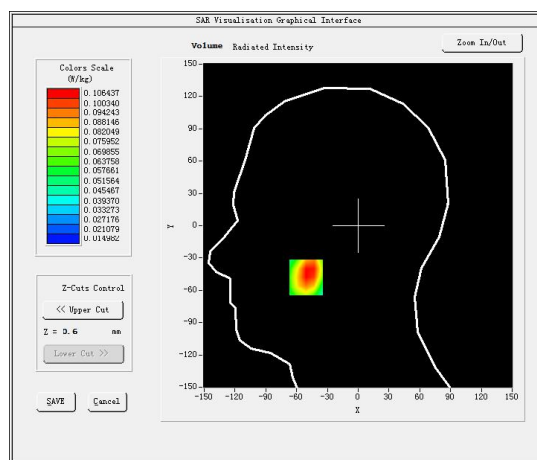
B. SAR Measurement Results

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

SURFACE SAR



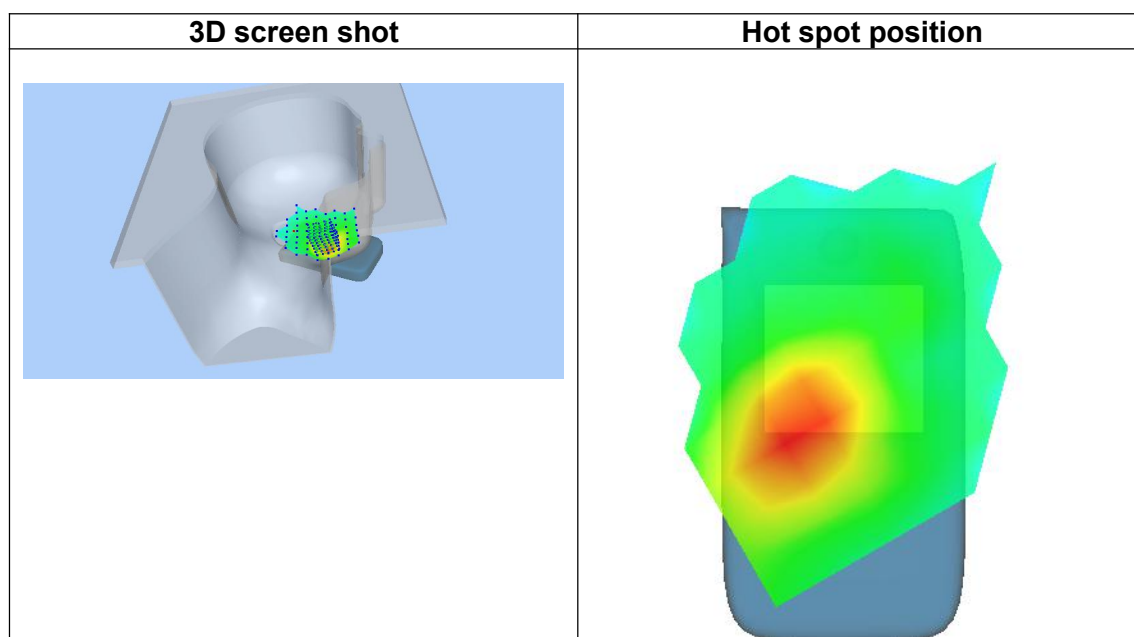
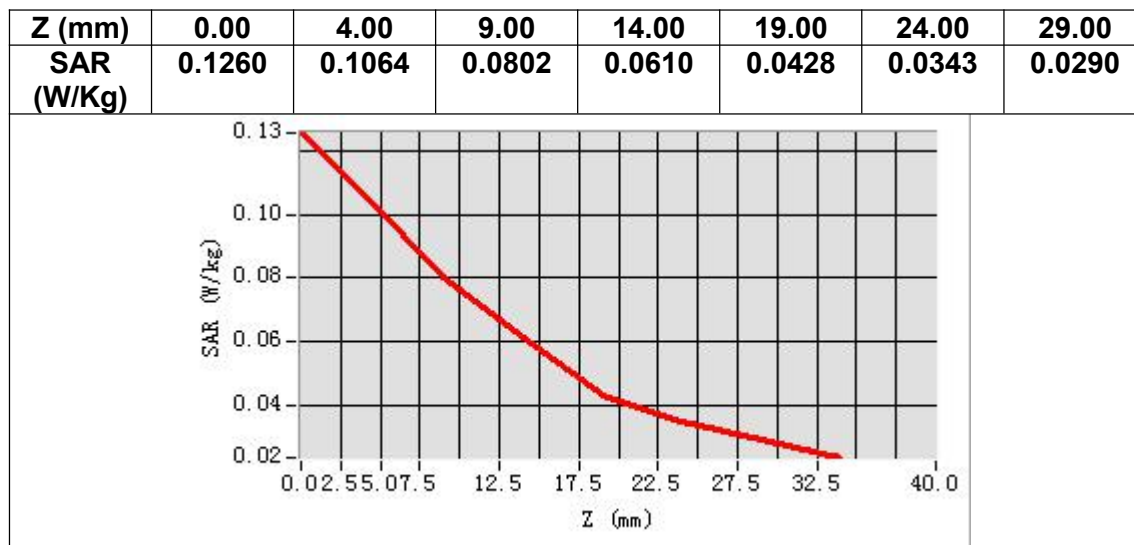
VOLUME SAR



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

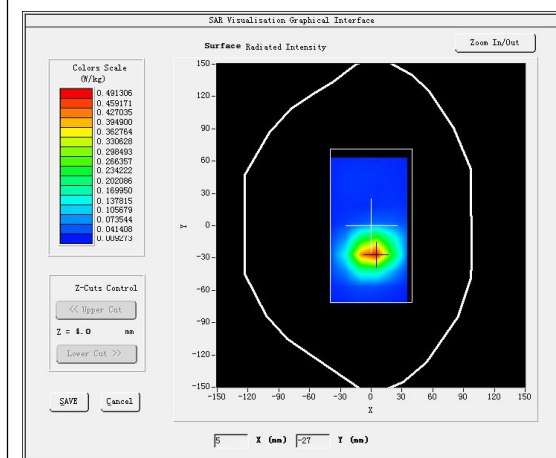
A. Experimental conditions.

<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>

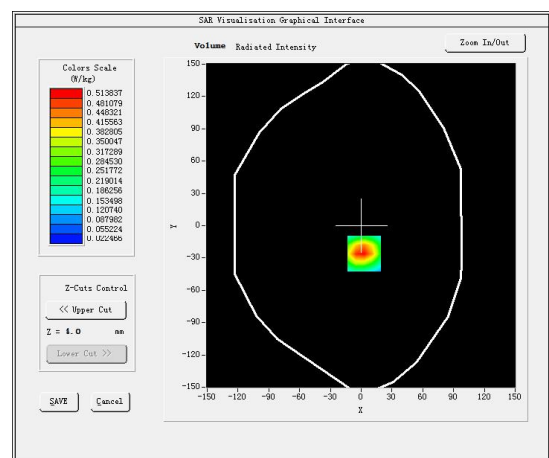
B. SAR Measurement Results

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

SURFACE SAR



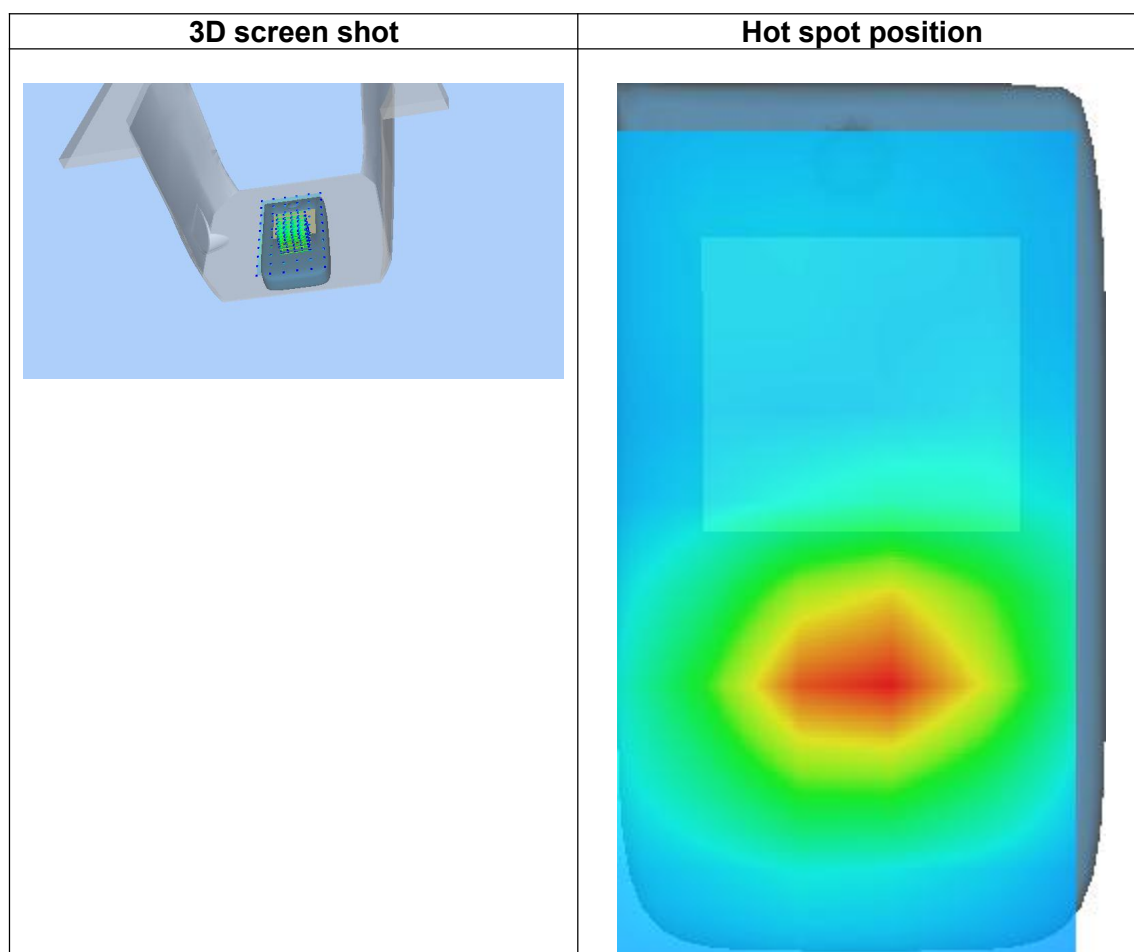
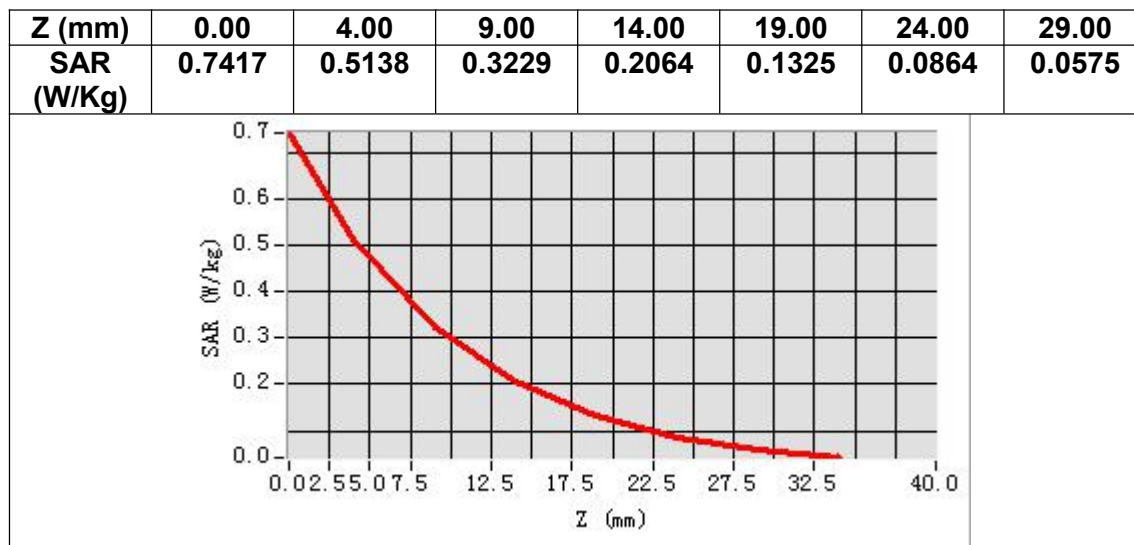
VOLUME SAR



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

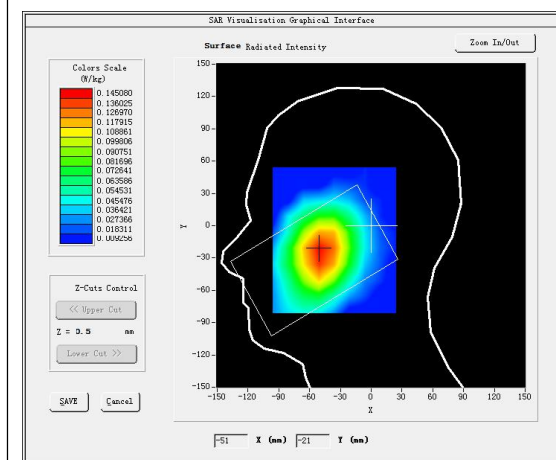
A. Experimental conditions.

<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>

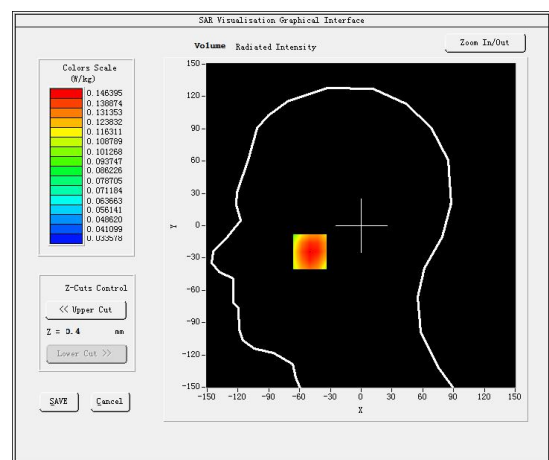
B. SAR Measurement Results

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



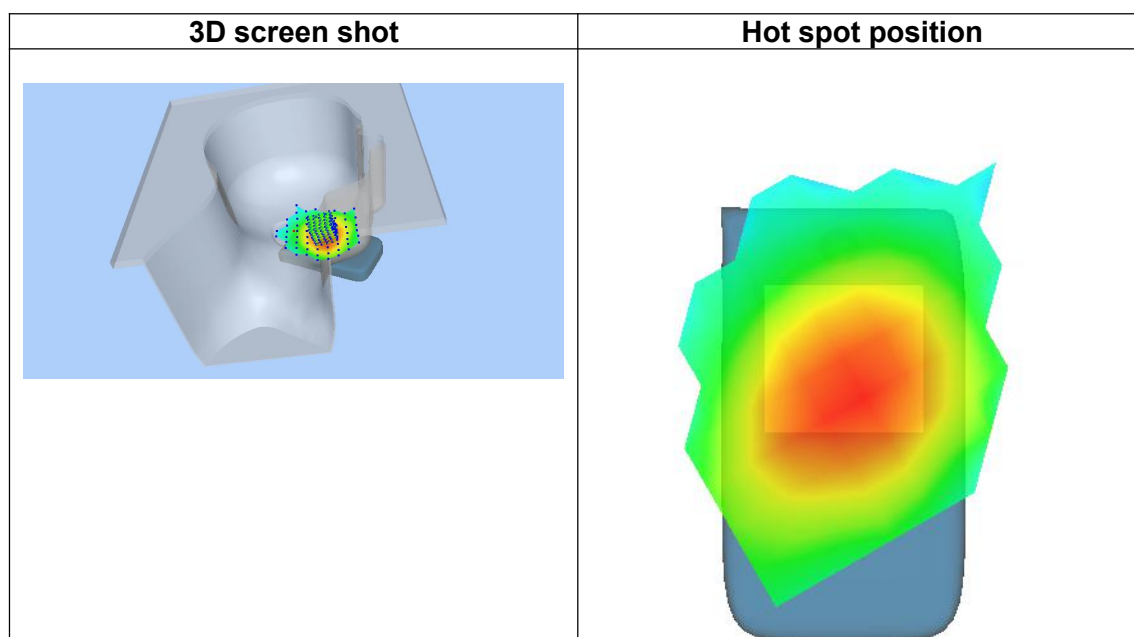
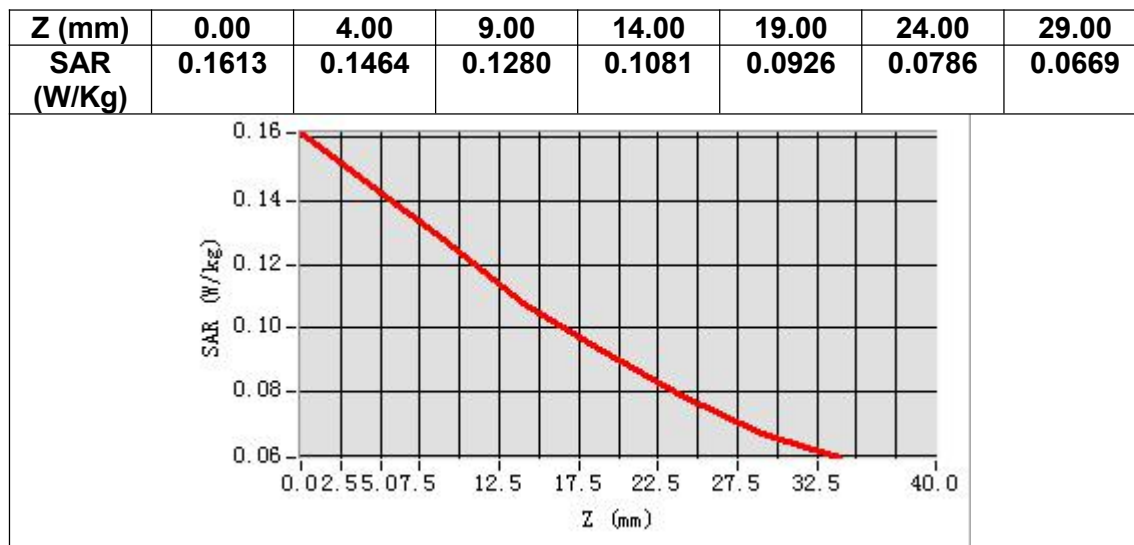
VOLUME SAR



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

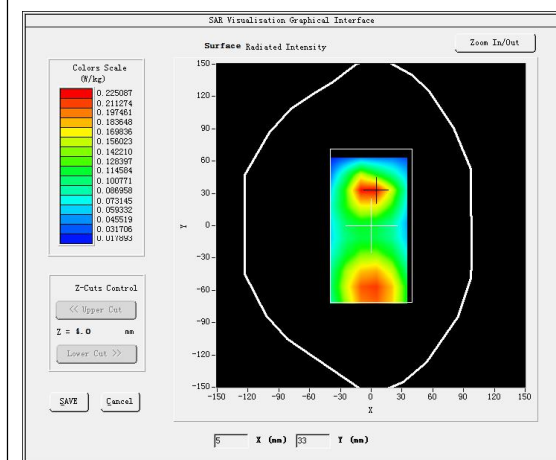
A. Experimental conditions.

<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>

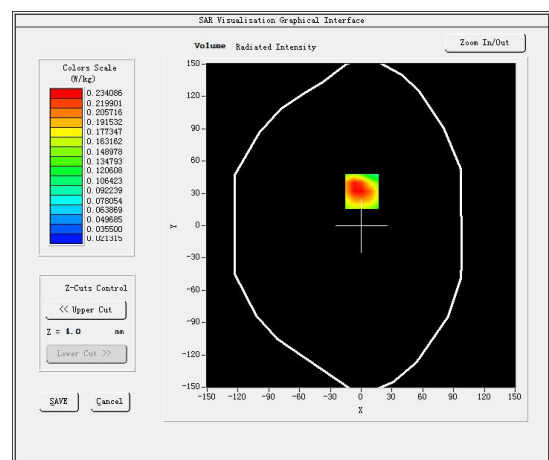
B. SAR Measurement Results

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



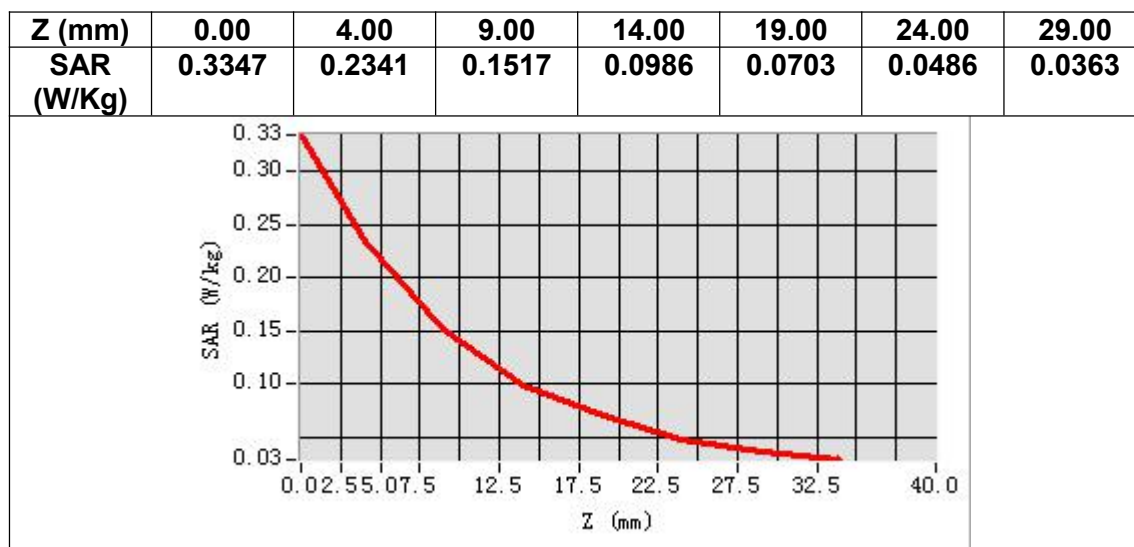
VOLUME SAR



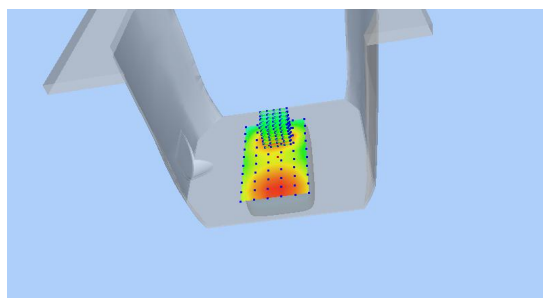
Maximum location: X=1.00, Y=32.00

SAR Peak: 0.37 W/kg

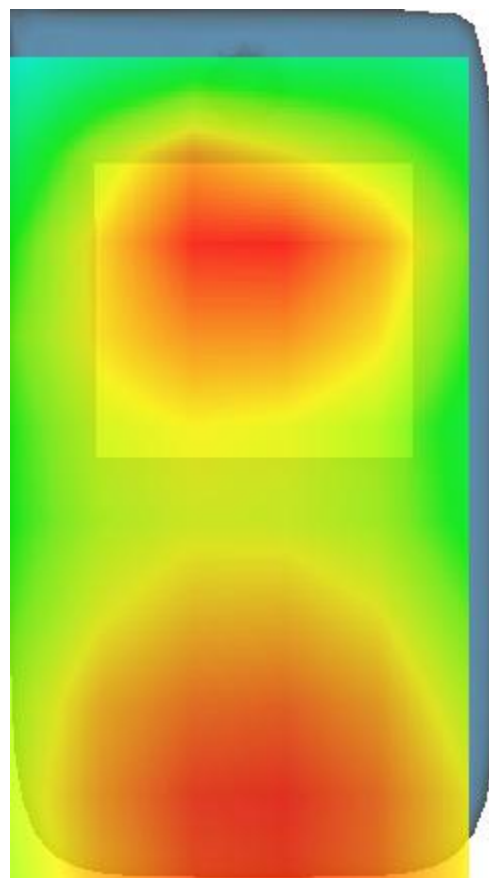
SAR 10g (W/Kg)	0.141385
SAR 1g (W/Kg)	0.234840



3D screen shot



Hot spot position



MEASUREMENT 11

Date of measurement: 12/7/2021

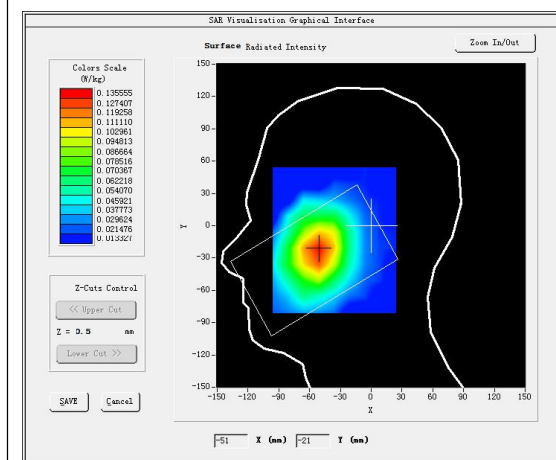
A. Experimental conditions.

<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>

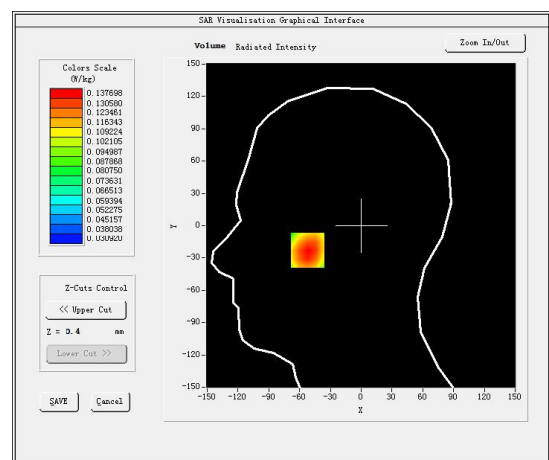
B. SAR Measurement Results

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



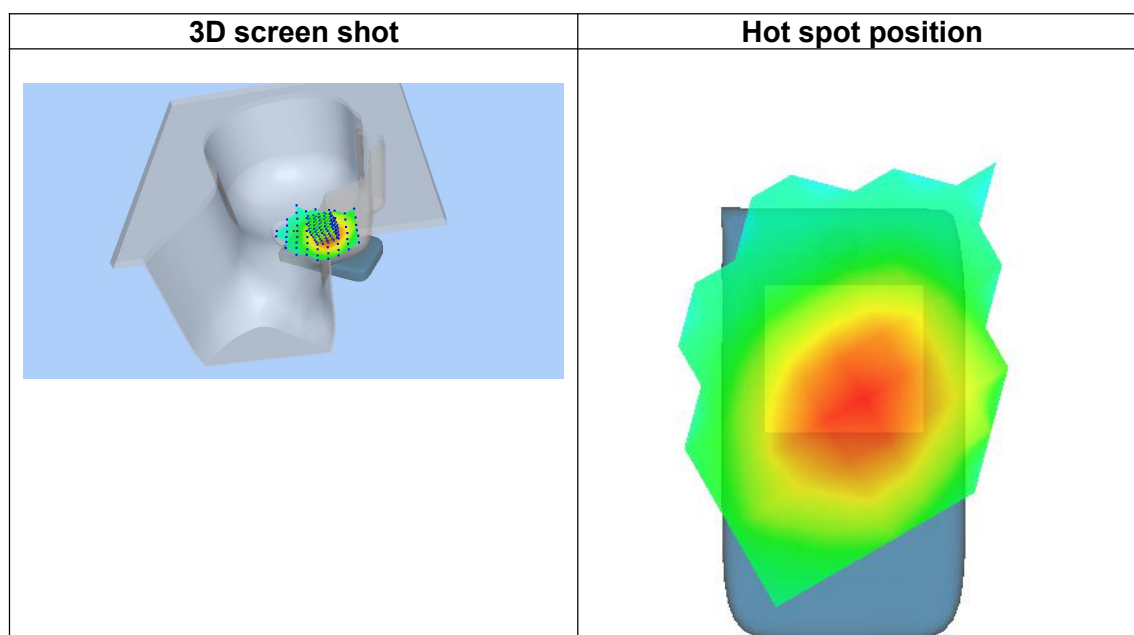
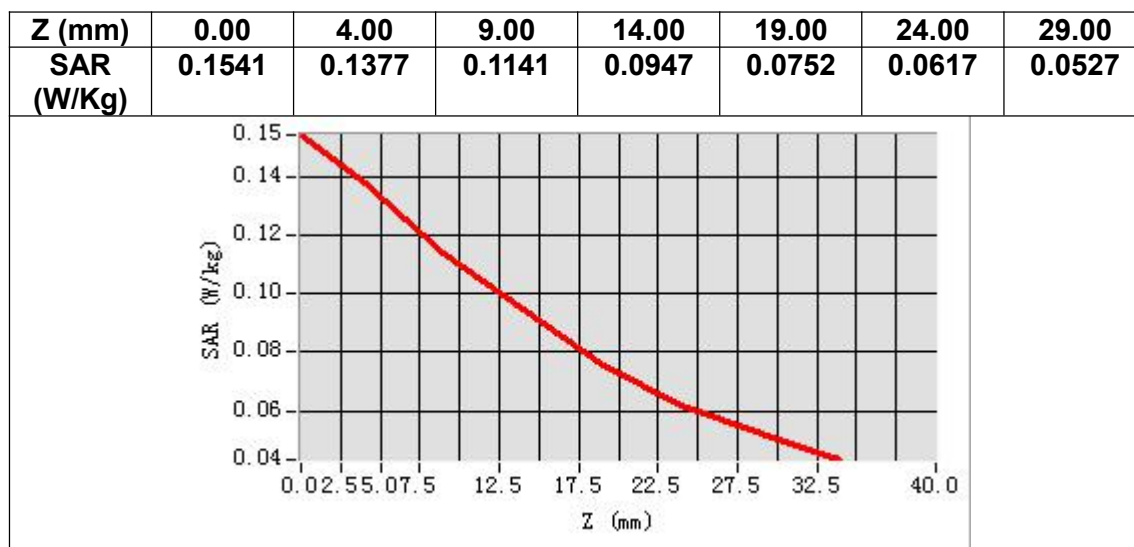
VOLUME SAR



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

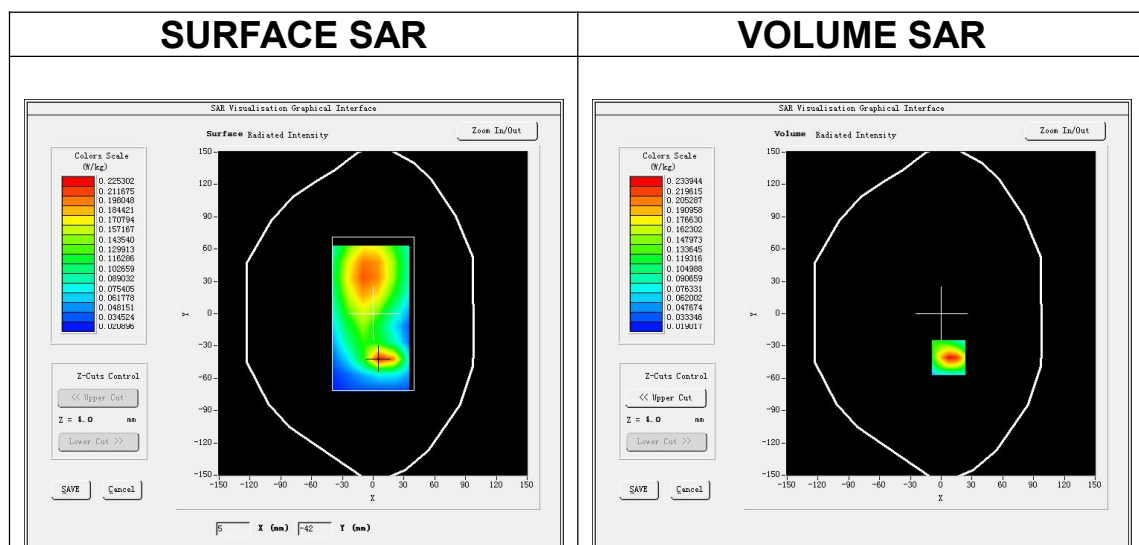
Date of measurement: 12/7/2021

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

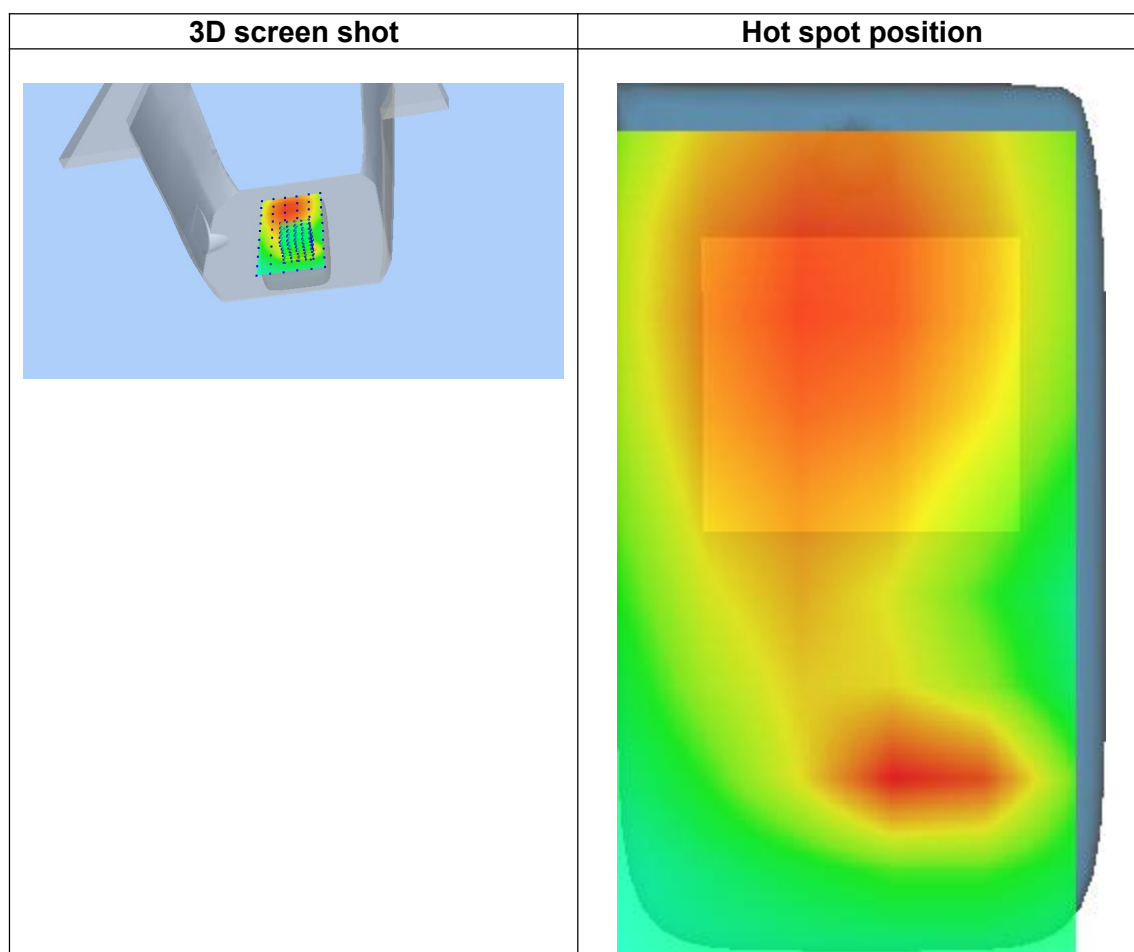
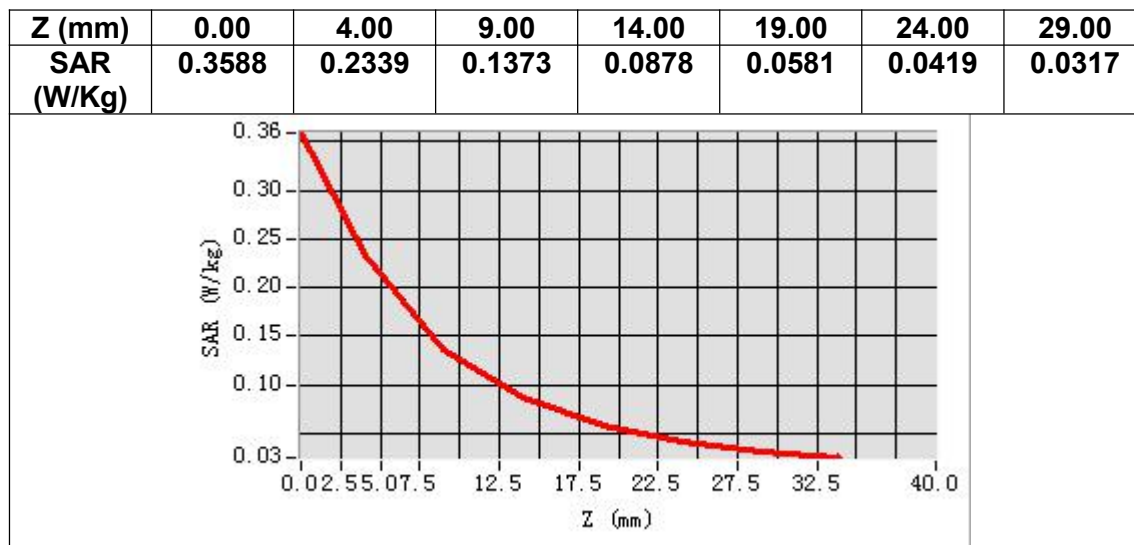
Frequency (MHz)	836.520000
Relative permittivity (real part)	42.694518
Relative permittivity (imaginary part)	19.966783
Conductivity (S/m)	0.649083
Variation (%)	-0.090000



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

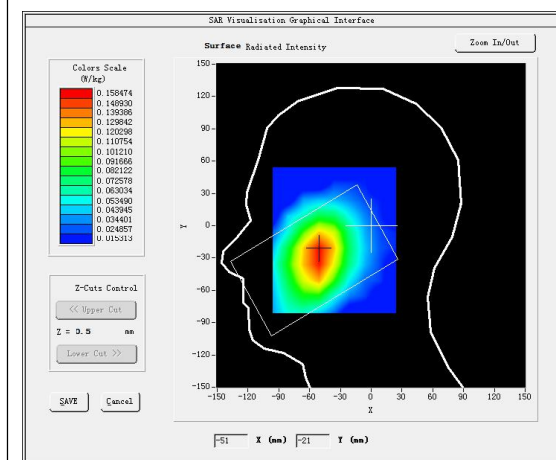
A. Experimental conditions.

<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>

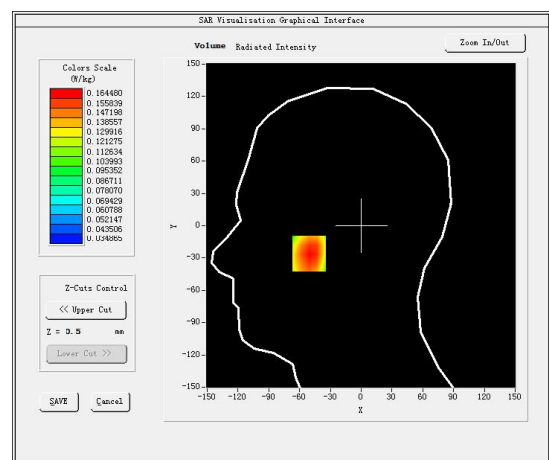
B. SAR Measurement Results

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



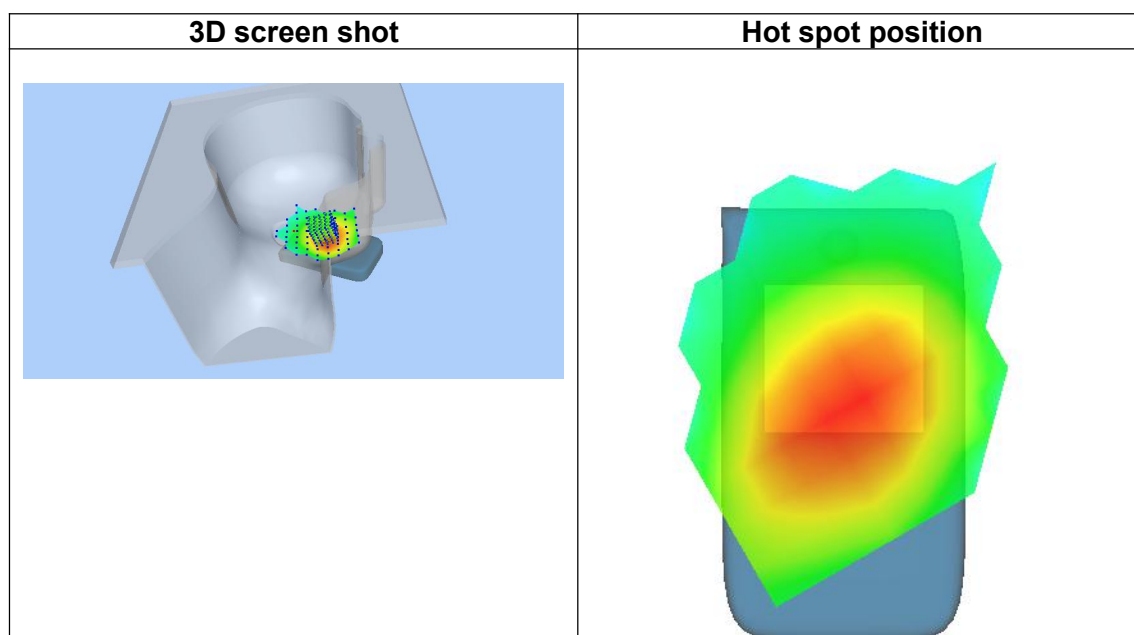
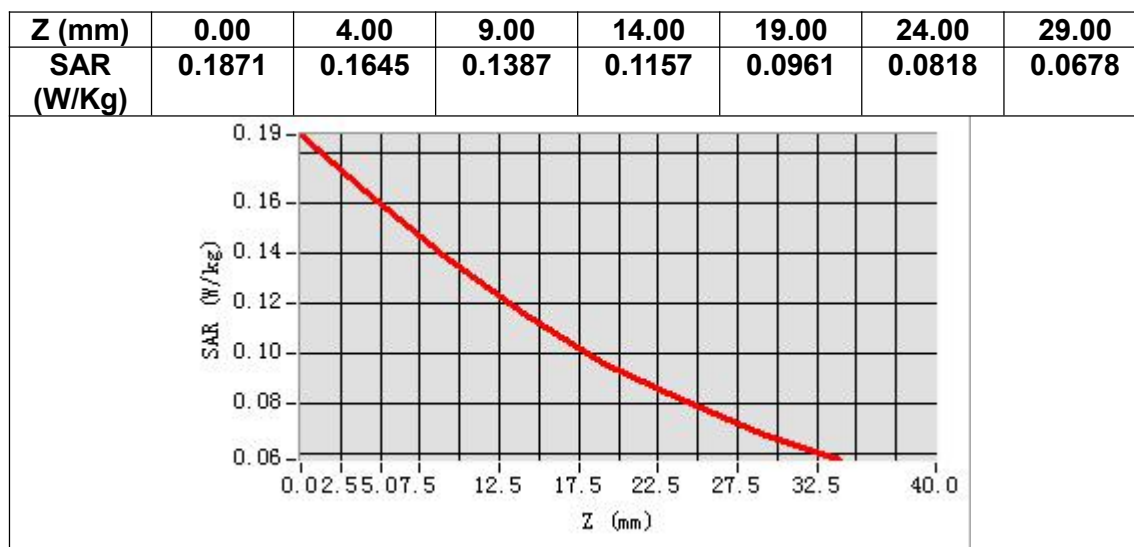
VOLUME SAR



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

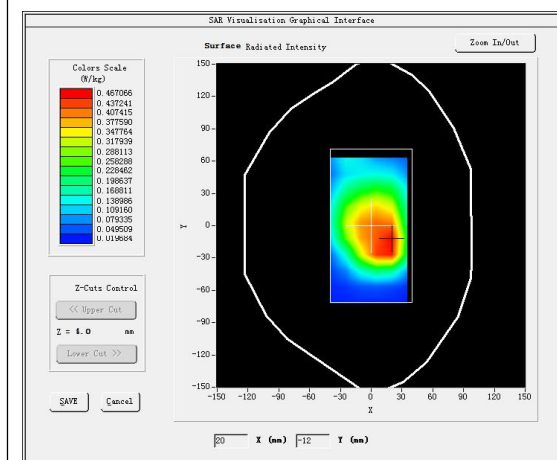
A. Experimental conditions.

<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>

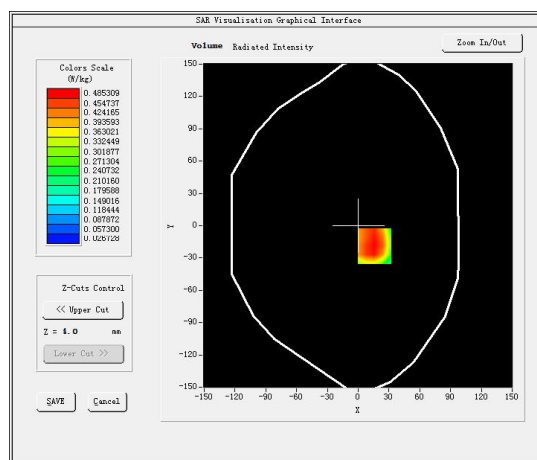
B. SAR Measurement Results

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



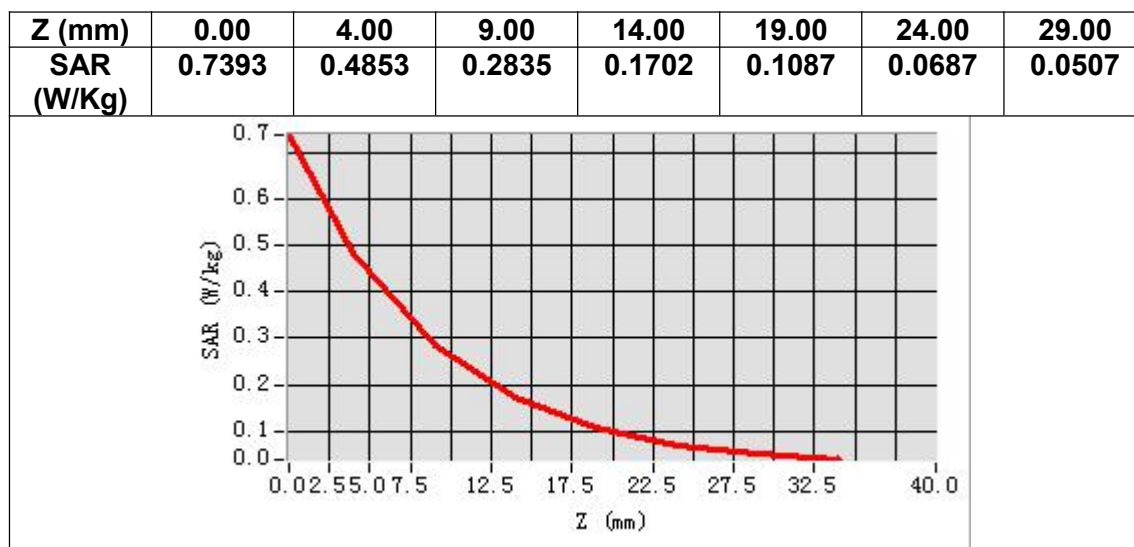
VOLUME SAR



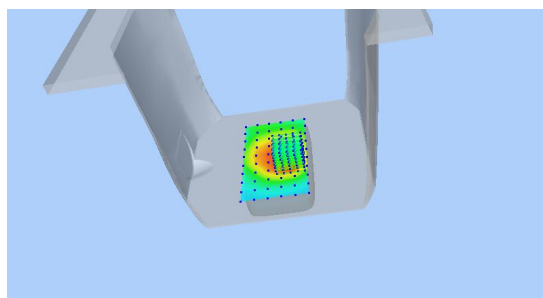
Maximum location: X=16.00, Y=-19.00

SAR Peak: 0.78 W/kg

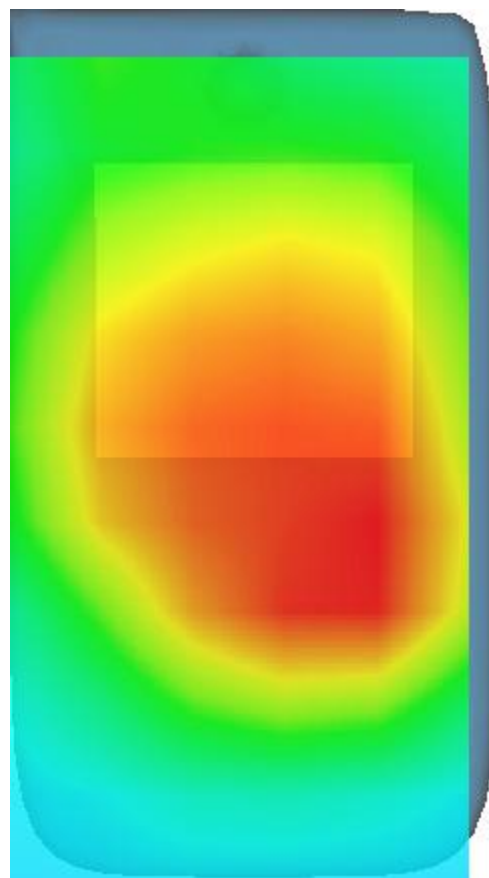
SAR 10g (W/Kg)	0.292198
SAR 1g (W/Kg)	0.489396



3D screen shot



Hot spot position



MEASUREMENT 15

Date of measurement: 21/7/2021

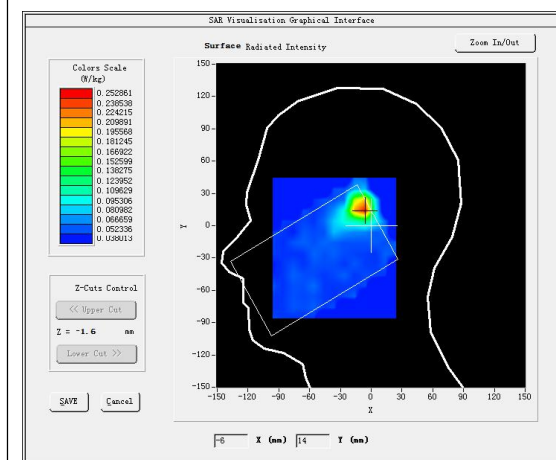
A. Experimental conditions.

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>

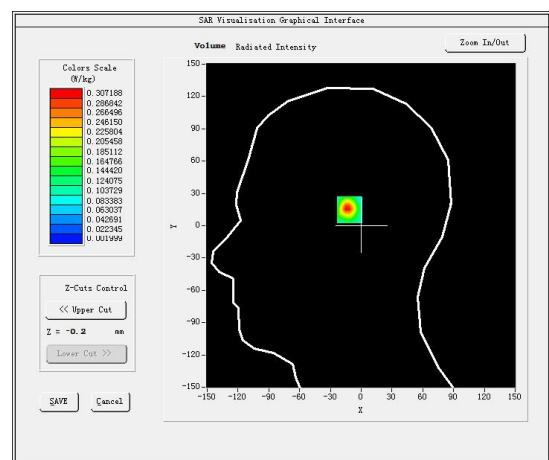
B. SAR Measurement Results

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



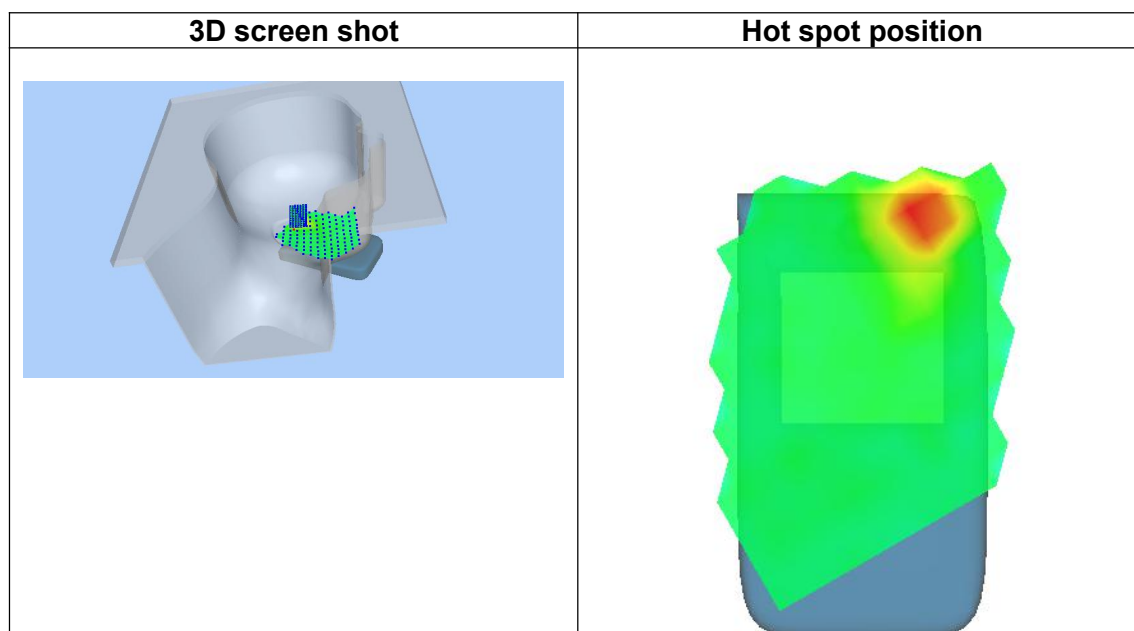
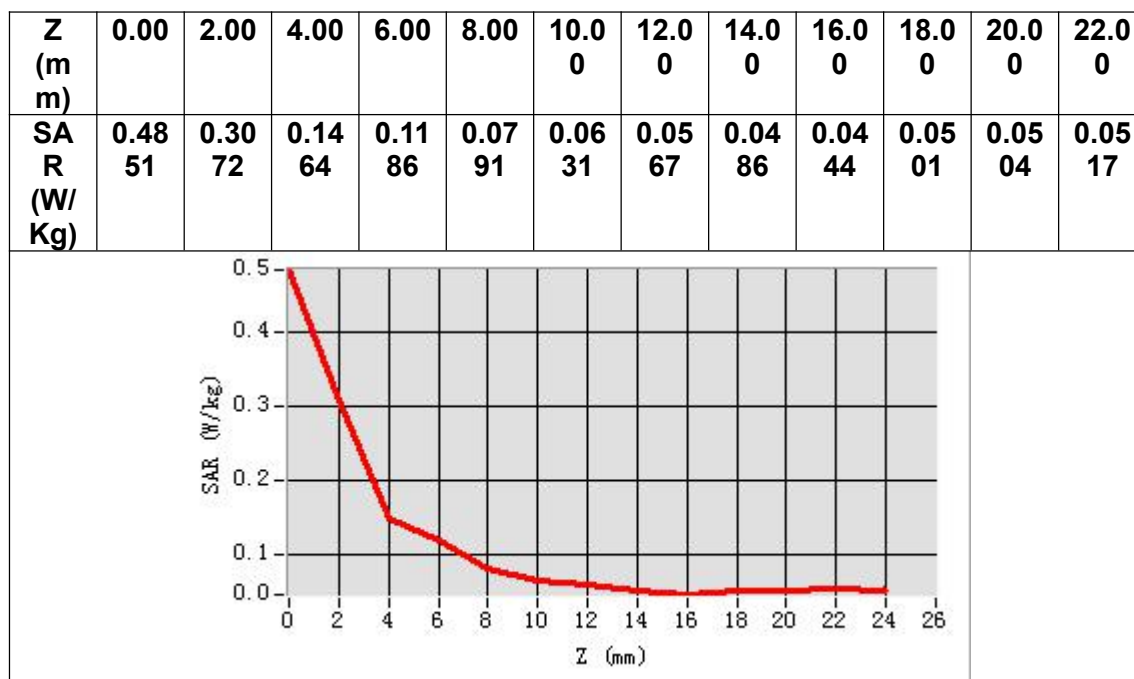
VOLUME SAR



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

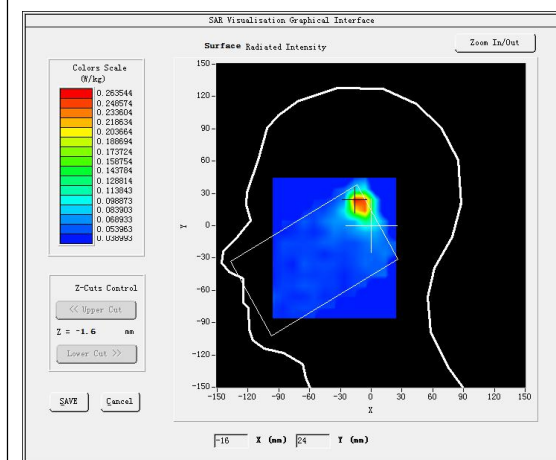
A. Experimental conditions.

<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>

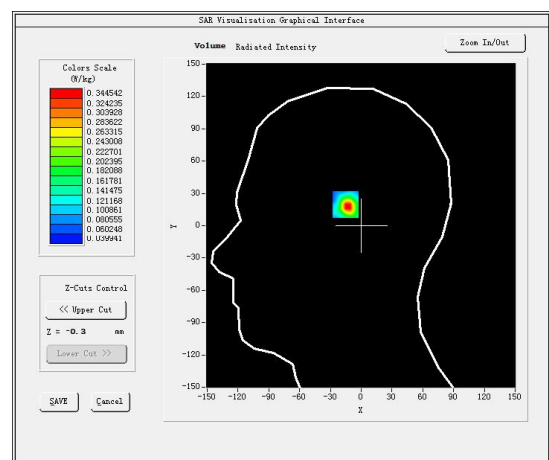
B. SAR Measurement Results

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



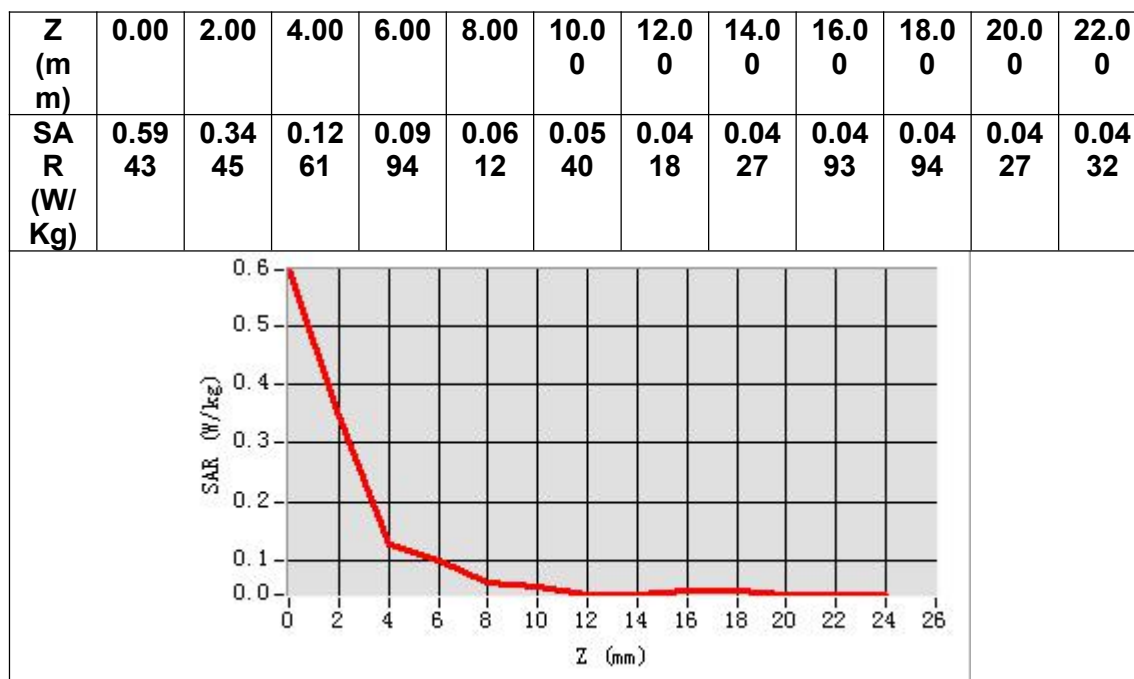
VOLUME SAR



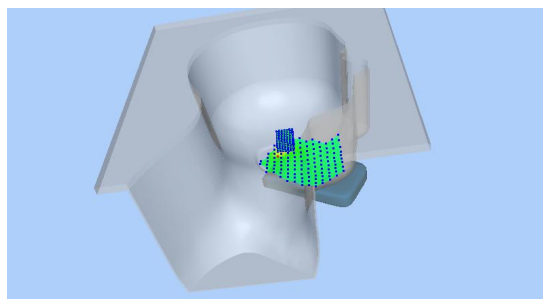
Maximum location: X=-13.00, Y=22.00

SAR Peak: 0.97 W/kg

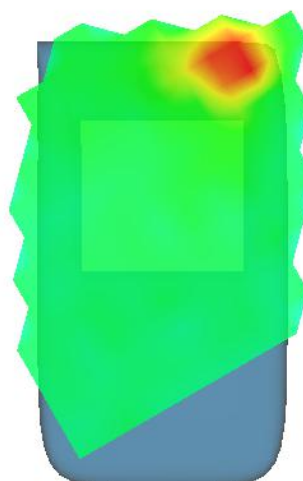
SAR 10g (W/Kg)	0.128554
SAR 1g (W/Kg)	0.340753



3D screen shot



Hot spot position



MEASUREMENT 17

Date of measurement: 21/7/2021

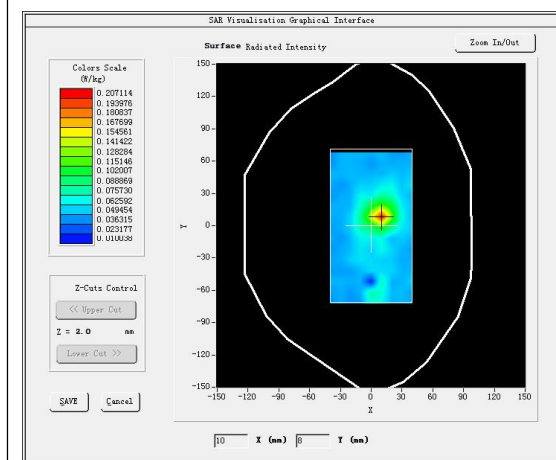
A. Experimental conditions.

<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>

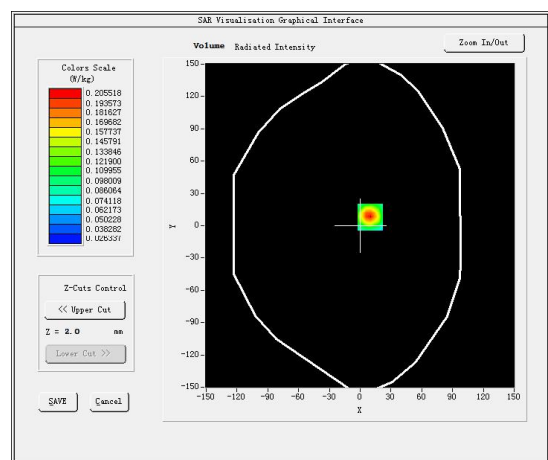
B. SAR Measurement Results

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

SURFACE SAR



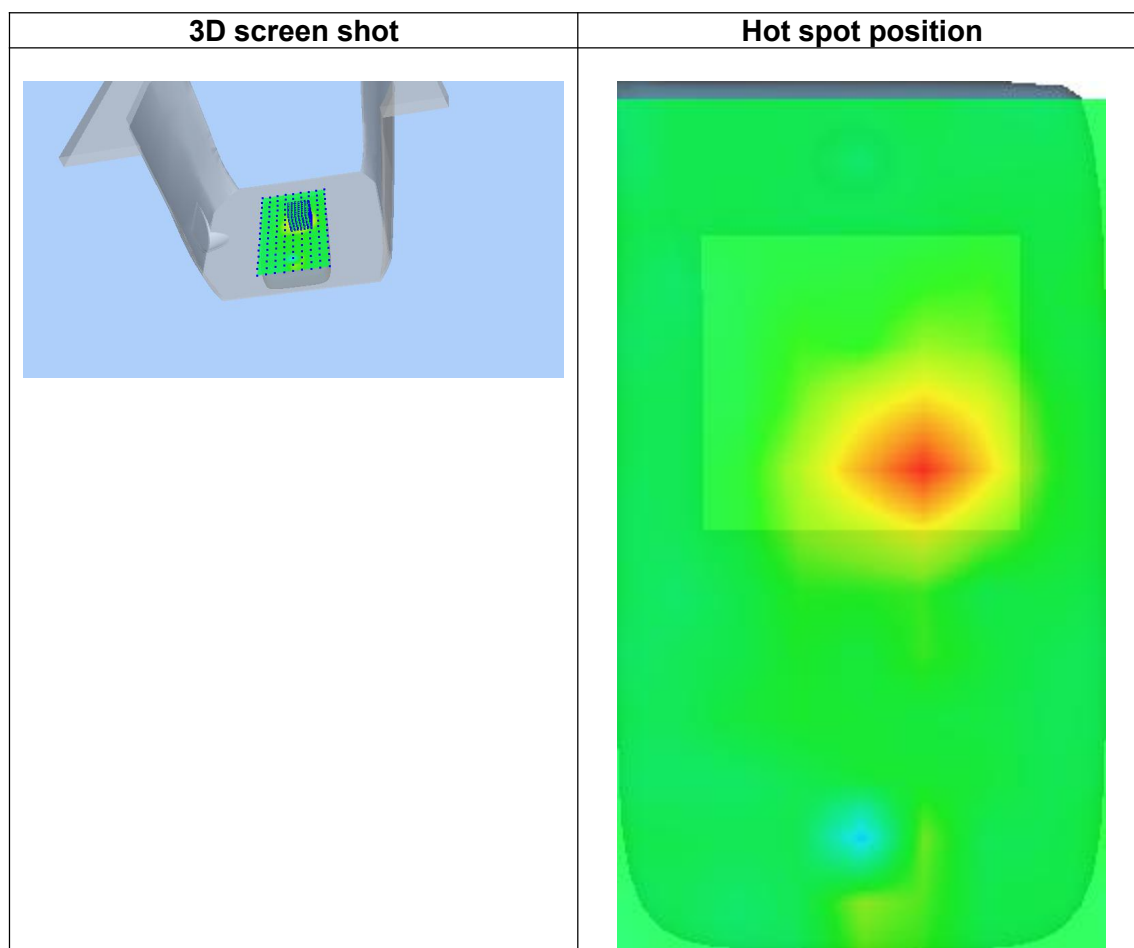
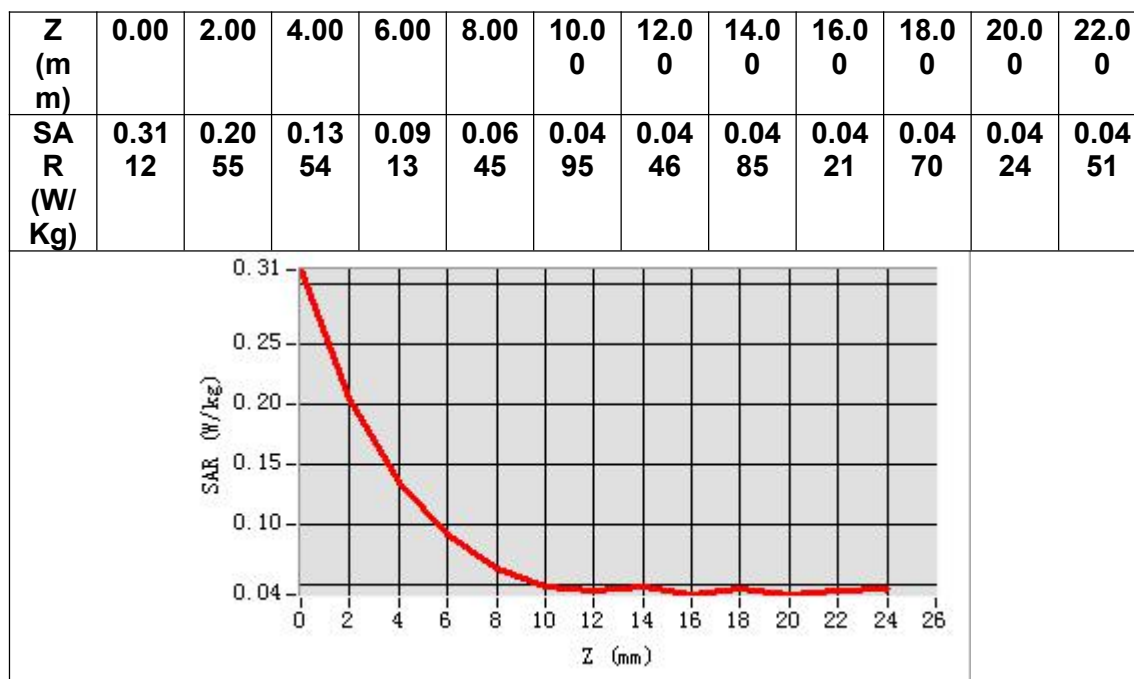
VOLUME SAR



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

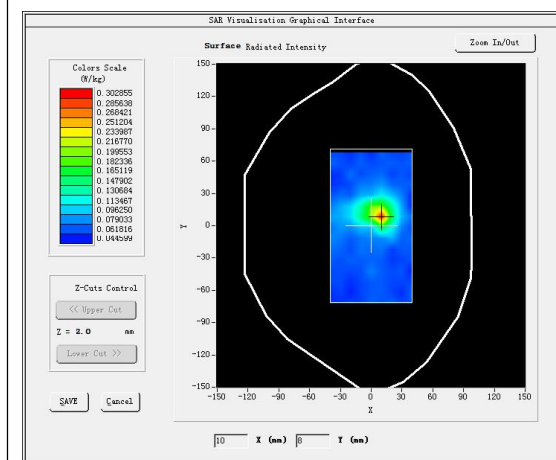
A. Experimental conditions.

<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>

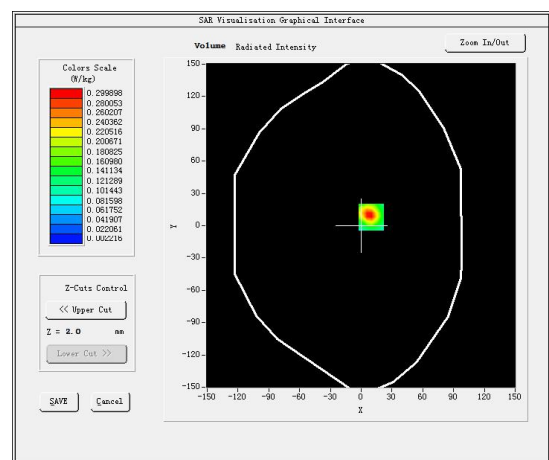
B. SAR Measurement Results

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



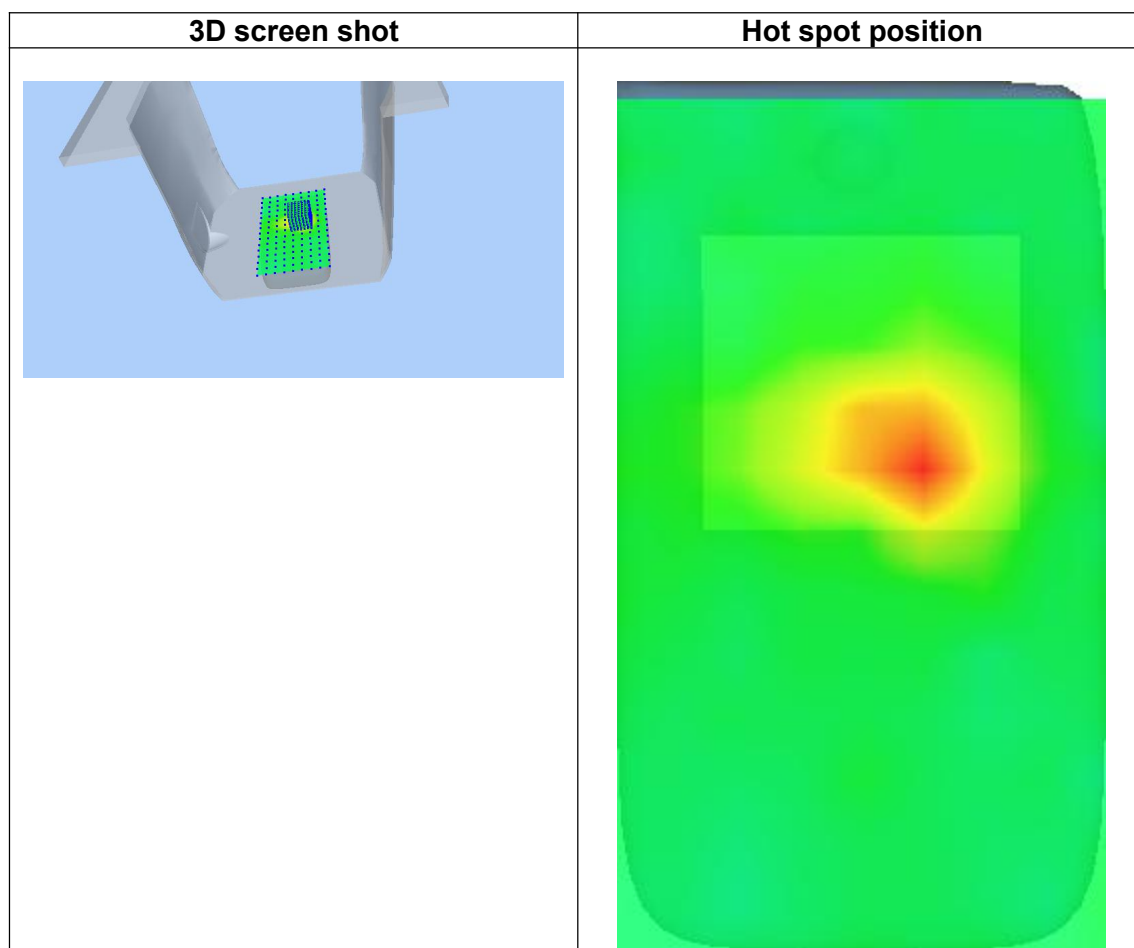
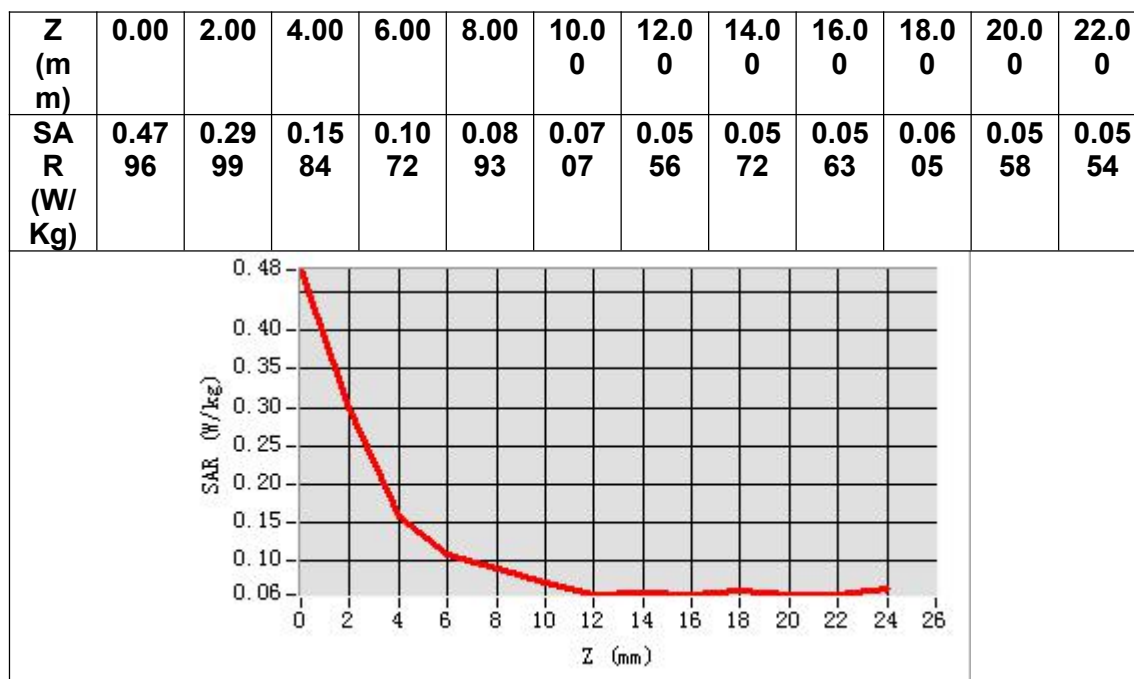
VOLUME SAR



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

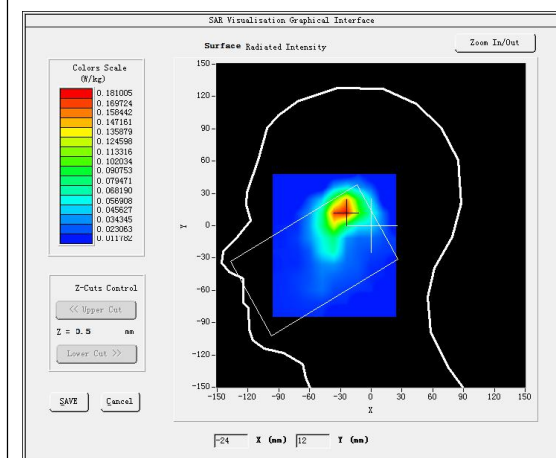
A. Experimental conditions.

<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>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11b (Crest factor: 1.0)</u>

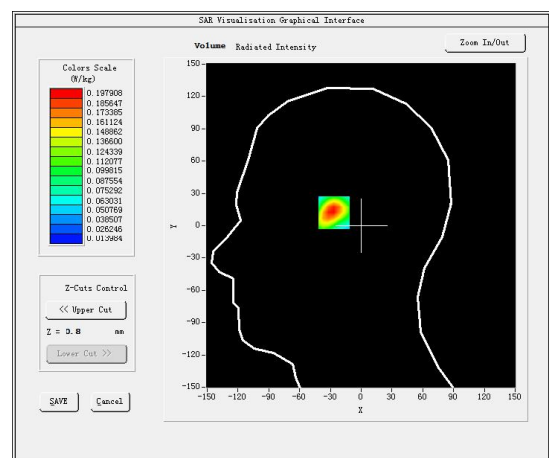
B. SAR Measurement Results

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