



on)(Modem1+Modem2+ Hotspot on)

T0414	LTE B2	QPKS20M	18900	1	50	Right Cheek	2	1	1	16.5	16.35	-0.02	0.852	0.882
T0415	LTE B2	QPKS20M	18700	1	50	Right Cheek	2	1	1	16.5	16.19	0.02	0.435	0.467
T0416	LTE B2	QPKS20M	19100	1	0	Right Cheek	2	1	1	16.5	16.22	0.01	0.418	0.446
T0417	LTE B2	QPKS20M	18900	50	0	Right Cheek	2	1	1	15.5	15.42	-0.02	0.547	0.557
T0418	LTE B2	QPKS20M	18700	100	0	Right Cheek	2	1	1	15.5	14.91	0.01	0.512	0.587
T0419	LTE B2	QPKS20M	18900	1	50	Right Cheek(1st Repeated)	2	1	1	16.5	16.35	0.02	0.802	0.830
T425	LTE B4	QPKS20M	20175	1	50	Right Cheek	1	1	1	24	23.41	0	0.601	0.688
T426	LTE B4	QPKS20M	20175	1	50	Right Tilted	1	1	1	24	23.41	0.04	0.340	0.389
T427	LTE B4	QPKS20M	20175	1	50	Left Cheek	1	1	1	24	23.41	-0.08	0.409	0.469
T428	LTE B4	QPKS20M	20175	1	50	Left Tilted	1	1	1	24	23.41	-0.02	0.300	0.344
T429	LTE B4	QPKS20M	20175	50	0	Right Cheek	1	1	1	23	21.99	-0.05	0.530	0.669
T430	LTE B4	QPKS20M	20175	50	0	Right Tilted	1	1	1	23	21.99	0.06	0.304	0.384
T431	LTE B4	QPKS20M	20175	50	0	Left Cheek	1	1	1	23	21.99	0.01	0.364	0.459
T432	LTE B4	QPKS20M	20175	50	0	Left Tilted	1	1	1	23	21.99	0.07	0.267	0.337
T433	LTE B4	QPKS20M	20050	1	50	Right Cheek	1	1	1	24	23.37	-0.03	0.546	0.631
T434	LTE B4	QPKS20M	20300	1	50	Right Cheek	1	1	1	24	22.83	0.06	0.570	0.746
T435	LTE B4	QPKS20M	20175	1	50	Right Cheek	1	1	2	24	23.41	0.08	0.486	0.557
T436	LTE B4	QPKS20M	20175	1	50	Right Cheek	1	1	3	24	23.41	0.05	<b>0.670</b>	0.767
LTE B4:Additional SAR test(Modem1+Modem2 )(Modem1+Modem2+ WiFi station) (Modem1+ Hotspot on)(Modem1+Modem2+ Hotspot on)														
T0436	LTE B4	QPKS20M	20175	1	50	Right Cheek	1	1	1	17.8	17.75	-0.02	0.407	0.412
T437	LTE B4	QPKS20M	20175	1	0	Right Cheek	2	1	1	23.8	22.78	0.01	<b>0.384</b>	0.486
T438	LTE B4	QPKS20M	20175	1	0	Right Tilted	2	1	1	23.8	22.78	0.06	0.237	0.300
T439	LTE B4	QPKS20M	20175	1	0	Left Cheek	2	1	1	23.8	22.78	0.02	0.141	0.178
T440	LTE B4	QPKS20M	20175	1	0	Left Tilted	2	1	1	23.8	22.78	-0.03	0.168	0.212
T441	LTE B4	QPKS20M	20175	50	0	Right Cheek	2	1	1	23	21.89	0.05	0.257	0.332
T442	LTE B4	QPKS20M	20175	50	0	Right Tilted	2	1	1	23	21.89	-0.01	0.173	0.223
T443	LTE B4	QPKS20M	20175	50	0	Left Cheek	2	1	1	23	21.89	0.04	0.163	0.210
T444	LTE B4	QPKS20M	20175	50	0	Left Tilted	2	1	1	23	21.89	-0.02	0.124	0.160
T445	LTE B4	QPKS20M	20050	1	50	Right Cheek	2	1	1	23.8	22.73	0.05	0.342	0.438
T446	LTE B4	QPKS20M	20300	1	50	Right Cheek	2	1	1	23.8	22.71	-0.01	0.375	0.482
T447	LTE B4	QPKS20M	20175	1	50	Right Cheek	2	1	2	23.8	22.78	0.07	0.373	0.472
T448	LTE B4	QPKS20M	20175	1	50	Right Cheek	2	1	3	23.8	22.78	-0.02	0.371	0.469
T449	LTE B5	QPKS10M	20525	1	24	Right Cheek	1	1	1	24	23.37	0	<b>0.350</b>	0.405
T450	LTE B5	QPKS10M	20525	1	24	Right Tilted	1	1	1	24	23.37	0.04	0.231	0.267
T451	LTE B5	QPKS10M	20525	1	24	Left Cheek	1	1	1	24	23.37	-0.09	0.299	0.346
T452	LTE B5	QPKS10M	20525	1	24	Left Tilted	1	1	1	24	23.37	0.06	0.280	0.324
T453	LTE B5	QPKS10M	20525	25	0	Right Cheek	1	1	1	23	21.95	0.01	0.153	0.195
T454	LTE B5	QPKS10M	20525	25	0	Right Tilted	1	1	1	23	21.95	-0.02	0.117	0.149
T455	LTE B5	QPKS10M	20525	25	0	Left Cheek	1	1	1	23	21.95	-0.05	0.133	0.169
T456	LTE B5	QPKS10M	20525	25	0	Left Tilted	1	1	1	23	21.95	0.01	0.111	0.141
T457	LTE B5	QPKS10M	20450	1	24	Right Cheek	1	1	1	24	22.51	0.06	0.222	0.313



T458	LTE B5	QPKS10M	20600	1	24	Right Cheek	1	1	1	24	22.65	0.02	0.256	0.349
T459	LTE B5	QPKS10M	20525	1	24	Right Cheek	1	1	2	24	23.37	0.05	0.180	0.208
T460	LTE B5	QPKS10M	20525	1	24	Right Cheek	1	1	3	24	23.37	-0.03	0.312	0.361
T461	LTE B5	QPKS10M	20525	1	24	Right Cheek	2	1	1	24	22.76	0.03	<b>0.694</b>	0.923
T462	LTE B5	QPKS10M	20525	1	24	Right Tilted	2	1	1	24	22.76	0.01	0.656	0.873
T463	LTE B5	QPKS10M	20525	1	24	Left Cheek	2	1	1	24	22.76	0.06	0.577	0.768
T464	LTE B5	QPKS10M	20525	1	24	Left Tilted	2	1	1	24	22.76	-0.01	0.515	0.685
T465	LTE B5	QPKS10M	20450	25	0	Right Cheek	2	1	1	23	21.82	0.07	0.570	0.748
T466	LTE B5	QPKS10M	20450	25	0	Right Tilted	2	1	1	23	21.82	-0.06	0.516	0.677
T467	LTE B5	QPKS10M	20450	25	0	Left Cheek	2	1	1	23	21.82	0.05	0.562	0.737
T468	LTE B5	QPKS10M	20450	25	0	Left Tilted	2	1	1	23	21.82	0.08	0.471	0.618
T469	LTE B5	QPKS10M	20450	1	24	Right Cheek	2	1	1	24	22.68	-0.05	0.375	0.508
T470	LTE B5	QPKS10M	20600	1	24	Right Cheek	2	1	1	24	22.7	0.02	0.588	0.793
T465-1	LTE B5	QPKS10M	20450	1	24	Right Tilted	2	1	1	24	22.68	0.08	0.469	0.636
T465-2	LTE B5	QPKS10M	20600	1	24	Right Tilted	2	1	1	24	22.7	-0.04	0.688	0.928
T471	LTE B5	QPKS10M	20525	1	24	Right Cheek	2	1	2	24	22.76	0.08	0.665	0.885
T472	LTE B5	QPKS10M	20525	1	24	Right Cheek	2	1	3	24	22.76	0.07	0.659	0.877
T465-3	LTE B5	QPKS10M	20600	50	0	Right Cheek	2	1	1	23	21.99	-0.07	0.381	0.481
State 2														
T473	LTE B7	QPKS20M	21100	1	50	Right Cheek	1	1	1	24	22.68	0.06	0.302	0.409
State 1														
T473-1	LTE B7	QPKS20M	21100	1	50	Right Cheek	1	1	1	24	22.68	0.07	<b>0.305</b>	0.413
T474	LTE B7	QPKS20M	21100	1	50	Right Tilted	1	1	1	24	22.68	0.02	0.082	0.111
T475	LTE B7	QPKS20M	21100	1	50	Left Cheek	1	1	1	24	22.68	0.05	0.140	0.190
T476	LTE B7	QPKS20M	21100	1	50	Left Tilted	1	1	1	24	22.68	0.05	0.105	0.142
T477	LTE B7	QPKS20M	21100	50	25	Right Cheek	1	1	1	23	21.83	0.04	0.218	0.285
T478	LTE B7	QPKS20M	21100	50	25	Right Tilted	1	1	1	23	21.83	0.01	0.058	0.076
T479	LTE B7	QPKS20M	21100	50	25	Left Cheek	1	1	1	23	21.83	-0.04	0.134	0.175
T480	LTE B7	QPKS20M	21100	50	25	Left Tilted	1	1	1	23	21.83	0	0.109	0.143
T473	LTE B7	QPKS20M	20850	1	50	Right Cheek	1	1	1	24	22.54	-0.04	0.259	0.362
T473	LTE B7	QPKS20M	21350	1	50	Right Cheek	1	1	1	24	22.67	0.09	0.160	0.217
T483	LTE B7	QPKS20M	21100	1	50	Right Cheek	1	1	2	24	22.68	0.07	0.301	0.408
T484	LTE B7	QPKS20M	21100	1	50	Right Cheek	1	1	3	24	22.68	0.05	0.297	0.402
T485	LTE B7	QPKS20M	21100	1	0	Right Cheek	2	1	1	24	22.65	0.04	<b>0.848</b>	1.157
T486	LTE B7	QPKS20M	21100	1	0	Right Tilted	2	1	1	24	22.65	0.02	0.828	1.130
T487	LTE B7	QPKS20M	21100	1	0	Left Cheek	2	1	1	24	22.65	0.06	0.243	0.332
T488	LTE B7	QPKS20M	21100	1	0	Left Tilted	2	1	1	24	22.65	-0.06	0.289	0.394
T489	LTE B7	QPKS20M	21100	50	25	Right Cheek	2	1	1	23	21.68	-0.03	0.549	0.744
T490	LTE B7	QPKS20M	21100	50	25	Right Tilted	2	1	1	23	21.68	-0.07	0.588	0.797
T491	LTE B7	QPKS20M	21100	50	25	Left Cheek	2	1	1	23	21.68	0.01	0.195	0.264
T492	LTE B7	QPKS20M	21100	50	25	Left Tilted	2	1	1	23	21.68	0.01	0.226	0.306
T493	LTE B7	QPKS20M	20850	1	50	Right Cheek	2	1	1	24	22.51	0.08	0.811	1.143



T494	LTE B7	QPKS20M	21350	1	50	Right Cheek	2	1	1	24	22.60	-0.04	0.736	1.016
T495	LTE B7	QPKS20M	20850	1	0	Right Tilted	2	1	1	24	22.51	0.03	0.798	1.125
T496	LTE B7	QPKS20M	21350	1	50	Right Tilted	2	1	1	24	22.6	0.05	0.721	0.995
T326	LTE B7	QPKS20M	21100	1	50	Right Cheek	2	1	2	24	22.65	0.04	0.838	1.144
T327	LTE B7	QPKS20M	21100	1	50	Right Cheek	2	1	3	24	22.65	-0.03	0.841	1.148
T328	LTE B7	QPKS20M	21100	1	50	Right Cheek(1st Repeated)	2	1	1	24	22.65	0.02	0.845	1.153
T329	LTE B7	QPKS20M	21100	100	0	Right Cheek	2	1	1	23	21.36	0.07	0.641	0.935
T497	LTE B12	QPKS10M	23095	1	24	Right Cheek	1	1	1	24.3	23.6	0.05	0.102	0.120
T498	LTE B12	QPKS10M	23095	1	24	Right Tilted	1	1	1	24.3	23.6	0.02	0.068	0.080
T499	LTE B12	QPKS10M	23095	1	24	Left Cheek	1	1	1	24.3	23.6	0.01	0.089	0.105
T500	LTE B12	QPKS10M	23095	1	24	Left Tilted	1	1	1	24.3	23.6	-0.01	0.071	0.083
T501	LTE B12	QPKS10M	23095	25	12	Right Cheek	1	1	1	23.3	22.63	-0.03	0.088	0.103
T502	LTE B12	QPKS10M	23095	25	12	Right Tilted	1	1	1	23.3	22.63	0	0.023	0.027
T503	LTE B12	QPKS10M	23095	25	12	Left Cheek	1	1	1	23.3	22.63	0.04	0.075	0.088
T504	LTE B12	QPKS10M	23095	25	12	Left Tilted	1	1	1	23.3	22.63	0.05	0.060	0.070
T505	LTE B12	QPKS10M	23060	1	24	Right Cheek	1	1	1	24.3	23.52	0.03	<b>0.176</b>	0.211
T506	LTE B12	QPKS10M	23130	1	24	Right Cheek	1	1	1	24.3	23.53	0.08	0.103	0.123
T507	LTE B12	QPKS10M	23060	1	24	Right Cheek	1	1	2	24.3	23.52	0.02	0.098	0.117
T508	LTE B12	QPKS10M	23060	1	24	Right Cheek	1	1	3	24.3	23.52	-0.02	0.100	0.120
T509	LTE B12	QPKS10M	23095	1	24	Right Cheek	2	1	1	24.3	23.5	0.08	<b>1.140</b>	1.371
T510	LTE B12	QPKS10M	23095	1	24	Right Tilted	2	1	1	24.3	23.5	0.03	0.997	1.199
T511	LTE B12	QPKS10M	23095	1	24	Left Cheek	2	1	1	24.3	23.5	0.07	0.812	0.976
T512	LTE B12	QPKS10M	23095	1	24	Left Tilted	2	1	1	24.3	23.5	0.04	0.726	0.873
T513	LTE B12	QPKS10M	23095	25	12	Right Cheek	2	1	1	23.3	22.53	-0.03	0.778	0.929
T514	LTE B12	QPKS10M	23095	25	12	Right Tilted	2	1	1	23.3	22.53	-0.02	0.747	0.892
T515	LTE B12	QPKS10M	23095	25	12	Left Cheek	2	1	1	23.3	22.53	-0.07	0.588	0.702
T516	LTE B12	QPKS10M	23095	25	12	Left Tilted	2	1	1	23.3	22.53	0.01	0.661	0.789
T517	LTE B12	QPKS10M	23060	1	24	Right Cheek	2	1	1	24.3	23.47	0.04	1.070	1.295
T518	LTE B12	QPKS10M	23130	1	24	Right Cheek	2	1	1	24.3	23.48	0.05	0.718	0.867
T519	LTE B12	QPKS10M	23060	1	24	Right Tilted	2	1	1	24.3	23.47	-0.06	0.956	1.157
T520	LTE B12	QPKS10M	23130	1	24	Right Tilted	2	1	1	24.3	23.48	0.08	0.637	0.769
T0521	LTE B12	QPKS10M	23060	1	24	Left Cheek	2	1	1	24.3	23.47	-0.02	0.773	0.936
T0522	LTE B12	QPKS10M	23130	1	24	Left Cheek	2	1	1	24.3	23.48	0	0.525	0.634
T0523	LTE B12	QPKS10M	23060	1	24	Left Tilted	2	1	1	24.3	23.47	0.06	0.675	0.817
T0524	LTE B12	QPKS10M	23130	1	24	Left Tilted	2	1	1	24.3	23.48	-0.09	0.458	0.553
T0525	LTE B12	QPKS10M	23060	25	12	Right Cheek	2	1	1	23.3	22.46	0.04	0.786	0.954
T0526	LTE B12	QPKS10M	23130	25	12	Right Cheek	2	1	1	23.3	22.47	0.01	0.802	0.971
T0527	LTE B12	QPKS10M	23060	25	12	Right Tilted	2	1	1	23.3	22.46	-0.04	0.728	0.883
T0528	LTE B12	QPKS10M	23130	25	12	Right Tilted	2	1	1	23.3	22.47	0.02	0.703	0.851
T0529	LTE B12	QPKS10M	23095	1	24	Right Cheek	2	1	2	24.3	23.5	0.04	0.960	1.154
T0530	LTE B12	QPKS10M	23095	1	24	Right Cheek	2	1	3	24.3	23.5	0.02	0.949	1.141
T0531	LTE B12	QPKS10M	23060	50	0	Right Cheek	2	1	1	23.3	22.36	0.04	0.701	0.870



T509-1	LTE B12	QPKS10M	23095	1	24	Right Cheek(1st Repeated)	2	1	1	24.3	23.5	0.05	1.090	1.310
LTE B12:Additional SAR test(Modem1+ Modem2+ WiFi station)( Modem1+ Modem2+ Hotspot on)														
T3-511	LTE B12	QPKS10M	23095	1	24	Left Cheek	2	1	1	20.8	20.09	0.01	0.567	0.668
T3-512	LTE B12	QPKS10M	23095	25	12	Left Cheek	2	1	1	19.8	19.17	-0.06	0.237	0.274
LTE B12:Additional SAR test (Modem1+Modem2)(Modem1+WiFi station) (Modem1+Hotspot on)														
T0509	LTE B12	QPKS10M	23095	1	24	Right Cheek	2	1	1	22.8	22	0.01	0.933	1.122
T0510	LTE B12	QPKS10M	23060	1	24	Right Cheek	2	1	1	22.8	21.97	0.02	0.917	1.110
T0511	LTE B12	QPKS10M	23130	1	24	Right Cheek	2	1	1	22.8	21.98	-0.01	0.763	0.922
T0512	LTE B12	QPKS10M	23095	25	12	Right Cheek	2	1	1	21.5	21.03	-0.03	0.761	0.848
T0513	LTE B12	QPKS10M	23060	25	12	Right Cheek	2	1	1	21.5	20.96	0.04	0.734	0.831
T0514	LTE B12	QPKS10M	23130	25	12	Right Cheek	2	1	1	21.5	20.97	0.02	0.538	0.608
T0515	LTE B12	QPKS10M	23095	50	0	Right Cheek	2	1	1	21.5	20.49	0.05	0.664	0.838
T0516	LTE B12	QPKS10M	23095	1	24	Right Cheek(1st Repeated)	2	1	1	22.8	22	0.01	0.923	1.110
T521	LTE B17	QPKS10M	23790	1	24	Right Cheek	1	1	1	24	23.57	0.01	0.093	0.103
T522	LTE B17	QPKS10M	23790	1	24	Right Tilted	1	1	1	24	23.57	0.02	0.047	0.052
T523	LTE B17	QPKS10M	23790	1	24	Left Cheek	1	1	1	24	23.57	0.04	0.070	0.077
T524	LTE B17	QPKS10M	23790	1	24	Left Tilted	1	1	1	24	23.57	-0.03	0.060	0.066
T525	LTE B17	QPKS10M	23800	25	12	Right Cheek	1	1	1	23	22.79	0.07	0.073	0.077
T526	LTE B17	QPKS10M	23800	25	12	Right Tilted	1	1	1	23	22.79	-0.06	0.052	0.055
T527	LTE B17	QPKS10M	23800	25	12	Left Cheek	1	1	1	23	22.79	0.02	0.061	0.064
T528	LTE B17	QPKS10M	23800	25	12	Left Tilted	1	1	1	23	22.79	0	0.045	0.047
T529	LTE B17	QPKS10M	23780	1	24	Right Cheek	1	1	1	24	23.55	0.01	0.090	0.099
T530	LTE B17	QPKS10M	23800	1	24	Right Cheek	1	1	1	24	23.54	0.03	0.071	0.079
T531	LTE B17	QPKS10M	23790	1	24	Right Cheek	1	1	2	24	23.57	0.08	<b>0.153</b>	0.169
T532	LTE B17	QPKS10M	23790	1	24	Right Cheek	1	1	3	24	23.57	-0.01	0.091	0.100
T533	LTE B17	QPKS10M	23790	1	24	Right Cheek	2	1	1	24	23.49	0.03	<b>0.954</b>	1.073
T534	LTE B17	QPKS10M	23790	1	24	Right Tilted	2	1	1	24	23.49	0.01	0.764	0.859
T535	LTE B17	QPKS10M	23790	1	24	Left Cheek	2	1	1	24	23.49	0.01	0.64	0.720
T536	LTE B17	QPKS10M	23790	1	24	Left Tilted	2	1	1	24	23.49	0.07	0.571	0.642
T537	LTE B17	QPKS10M	23800	25	12	Right Cheek	2	1	1	23	22.76	-0.05	0.732	0.774
T538	LTE B17	QPKS10M	23800	25	12	Right Tilted	2	1	1	23	22.76	-0.06	0.575	0.608
T539	LTE B17	QPKS10M	23800	25	12	Left Cheek	2	1	1	23	22.76	0.08	0.503	0.532
T540	LTE B17	QPKS10M	23800	25	12	Left Tilted	2	1	1	23	22.76	0.01	0.427	0.451
T541	LTE B17	QPKS10M	23780	1	24	Right Cheek	2	1	1	24	23.47	-0.08	0.948	1.071
T542	LTE B17	QPKS10M	23800	1	24	Right Cheek	2	1	1	24	23.46	0	0.776	0.879
T0543	LTE B17	QPKS10M	23780	1	24	Right Tilted	2	1	1	24	23.47	0.02	0.746	0.843
T0544	LTE B17	QPKS10M	23800	1	24	Right Tilted	2	1	1	24	23.46	0.04	0.635	0.719
T543	LTE B17	QPKS10M	23790	1	24	Right Cheek	2	1	2	24	23.49	-0.06	0.926	1.041
T544	LTE B17	QPKS10M	23790	1	24	Right Cheek	2	1	3	24	23.49	0.06	0.876	0.985
T545	LTE B17	QPKS10M	23780	50	0	Right Cheek	2	1	2	23	22.56	0.08	0.624	0.691
T533-1	LTE B17	QPKS10M	23790	1	24	Right	2	1	2	24	23.49	-0.02	0.892	1.003

						Cheek(1st Repeated)								
T545	LTE B26	QPKS15M	26865	1	0	Right Cheek	1	1	1	23.5	22.92	0.01	0.157	0.179
T546	LTE B26	QPKS15M	26865	1	0	Right Tilted	1	1	1	23.5	22.92	0.04	0.119	0.136
T547	LTE B26	QPKS15M	26865	1	0	Left Cheek	1	1	1	23.5	22.92	-0.07	0.144	0.165
T548	LTE B26	QPKS15M	26865	1	0	Left Tilted	1	1	1	23.5	22.92	-0.02	0.125	0.143
T549	LTE B26	QPKS15M	26765	36	0	Right Cheek	1	1	1	23	21.93	0.07	0.136	0.174
T550	LTE B26	QPKS15M	26765	36	0	Right Tilted	1	1	1	23	21.93	-0.05	0.125	0.160
T551	LTE B26	QPKS15M	26765	36	0	Left Cheek	1	1	1	23	21.93	0.06	0.133	0.170
T552	LTE B26	QPKS15M	26765	36	0	Left Tilted	1	1	1	23	21.93	0.03	0.121	0.155
T553	LTE B26	QPKS15M	26965	1	0	Right Cheek	1	1	1	23.5	22.89	0.05	<b>0.266</b>	0.306
T554	LTE B26	QPKS15M	26765	1	0	Right Cheek	1	1	1	23.5	22.9	-0.04	0.148	0.170
T555	LTE B26	QPKS15M	26965	1	0	Right Cheek	1	1	2	23.5	22.89	0.02	0.146	0.168
T556	LTE B26	QPKS15M	26965	1	0	Right Cheek	1	1	3	23.5	22.89	0.01	0.241	0.277
T557	LTE B26	QPKS15M	26865	1	0	Right Cheek	2	1	1	23.5	22.85	0.08	<b>0.938</b>	1.089
T558	LTE B26	QPKS15M	26865	1	0	Right Tilted	2	1	1	23.5	22.85	-0.04	0.85	0.987
T559	LTE B26	QPKS15M	26865	1	0	Left Cheek	2	1	1	23.5	22.85	0.02	0.636	0.739
T560	LTE B26	QPKS15M	26865	1	0	Left Tilted	2	1	1	23.5	22.85	0.04	0.623	0.724
T561	LTE B26	QPKS15M	26765	36	0	Right Cheek	2	1	1	23	21.86	0.01	0.427	0.555
T562	LTE B26	QPKS15M	26765	36	0	Right Tilted	2	1	1	23	21.86	-0.05	0.426	0.554
T563	LTE B26	QPKS15M	26765	36	0	Left Cheek	2	1	1	23	21.86	0.07	0.351	0.456
T564	LTE B26	QPKS15M	26765	36	0	Left Tilted	2	1	1	23	21.86	0.08	0.32	0.416
T565	LTE B26	QPKS15M	26765	1	0	Right Cheek	2	1	1	23.5	22.83	-0.04	0.534	0.699
T566	LTE B26	QPKS15M	26965	1	0	Right Cheek	2	1	1	23.5	22.82	0.01	0.467	0.613
T567	LTE B26	QPKS15M	26765	1	0	Right Tilted	2	1	1	23.5	22.83	0.05	0.398	0.464
T568	LTE B26	QPKS15M	26965	1	0	Right Tilted	2	1	1	23.5	22.82	0.03	0.518	0.606
T569	LTE B26	QPKS15M	26865	1	0	Right Cheek	2	1	2	23.5	22.85	0.04	0.842	0.978
T570	LTE B26	QPKS15M	26865	1	0	Right Cheek	2	1	3	23.5	22.85	-0.07	0.871	1.012
T558	LTE B26	QPKS15M	26965	75	0	Right Cheek	2	1	1	23	21.88	0.02	0.654	0.846
T557-1	LTE B26	QPKS15M	26865	1	0	Right Cheek(1st Repeated)	2	1	3	23.5	22.85	-0.02	0.865	1.005
T569	LTE B38	QPKS20M	38000	1	0	Right Cheek	1	1	1	24	23.87	-0.02	0.164	0.169
T570	LTE B38	QPKS20M	38000	1	0	Right Tilted	1	1	1	24	23.87	0.05	0.113	0.116
T571	LTE B38	QPKS20M	38000	1	0	Left Cheek	1	1	1	24	23.87	0.07	0.103	0.106
T572	LTE B38	QPKS20M	38000	1	0	Left Tilted	1	1	1	24	23.87	0.07	0.061	0.063
T573	LTE B38	QPKS20M	38000	50	25	Right Cheek	1	1	1	23	22.96	0.04	0.153	0.154
T574	LTE B38	QPKS20M	38000	50	25	Right Tilted	1	1	1	23	22.96	0.06	0.098	0.099
T575	LTE B38	QPKS20M	38000	50	25	Left Cheek	1	1	1	23	22.96	-0.03	0.140	0.141
T576	LTE B38	QPKS20M	38000	50	25	Left Tilted	1	1	1	23	22.96	0.04	0.094	0.095
T577	LTE B38	QPKS20M	37850	1	0	Right Cheek	1	1	1	24	23.79	0.01	0.152	0.160
T578	LTE B38	QPKS20M	38150	1	0	Right Cheek	1	1	1	24	23.83	0.08	0.141	0.147
T579	LTE B38	QPKS20M	38000	1	0	Right Cheek	1	1	2	24	23.87	0.05	0.181	0.186
T580	LTE B38	QPKS20M	38000	1	0	Right Cheek	1	1	3	24	23.87	0.02	<b>0.208</b>	0.214



T581	LTE B38	QPKS20M	38000	1	0	Right Cheek	2	1	1	24	23.82	-0.08	0.874	0.911
T582	LTE B38	QPKS20M	38000	1	0	Right Tilted	2	1	1	24	23.82	0.02	0.758	0.790
T583	LTE B38	QPKS20M	38000	1	0	Left Cheek	2	1	1	24	23.82	0.04	0.219	0.228
T584	LTE B38	QPKS20M	38000	1	0	Left Tilted	2	1	1	24	23.82	-0.05	0.242	0.252
T585	LTE B38	QPKS20M	38000	50	25	Right Cheek	2	1	1	23	22.81	-0.03	0.582	0.608
T586	LTE B38	QPKS20M	38000	50	25	Right Tilted	2	1	1	23	22.81	-0.01	0.664	0.694
T587	LTE B38	QPKS20M	38000	50	25	Left Cheek	2	1	1	23	22.81	0.01	0.187	0.195
T588	LTE B38	QPKS20M	38000	50	25	Left Tilted	2	1	1	23	22.81	0.09	0.238	0.249
T591	LTE B38	QPKS20M	37850	1	0	Right Cheek	2	1	1	24	23.64	0.03	<b>1.06</b>	1.152
T592	LTE B38	QPKS20M	38150	1	0	Right Cheek	2	1	1	24	23.68	0.08	0.821	0.884
T593	LTE B38	QPKS20M	37850	1	0	Right Cheek	2	1	2	24	23.64	0.06	0.977	1.061
T594	LTE B38	QPKS20M	37850	1	0	Right Cheek	2	1	3	24	23.64	0.06	0.861	0.935
T595	LTE B38	QPKS20M	38000	100	0	Right Cheek	2	1	1	23	22.72	0.01	0.789	0.842
T591-1	LTE B38	QPKS20M	37850	1	0	Right Cheek(1st Repeated)	2	1	1	24	23.64	0.03	1.02	1.108
T617	LTE B41	QPKS20M	40740	1	50	Right Cheek	1	1	1	24	23.85	0.05	0.308	0.319
T618	LTE B41	QPKS20M	40740	1	50	Right Tilted	1	1	1	24	23.85	0.01	0.159	0.165
T619	LTE B41	QPKS20M	40740	1	50	Left Cheek	1	1	1	24	23.85	0.03	0.203	0.210
T620	LTE B41	QPKS20M	40740	1	50	Left Tilted	1	1	1	24	23.85	-0.02	0.141	0.146
T621	LTE B41	QPKS20M	40740	50	25	Right Cheek	1	1	1	23	22.96	0.02	0.255	0.257
T622	LTE B41	QPKS20M	40740	50	25	Right Tilted	1	1	1	23	22.96	0.04	0.123	0.124
T623	LTE B41	QPKS20M	40740	50	25	Left Cheek	1	1	1	23	22.96	-0.03	0.230	0.232
T624	LTE B41	QPKS20M	40740	50	25	Left Tilted	1	1	1	23	22.96	-0.06	0.122	0.123
T625	LTE B41	QPKS20M	40340	1	50	Right Cheek	1	1	1	24	23.71	0.03	0.208	0.222
T626	LTE B41	QPKS20M	41141	1	50	Right Cheek	1	1	1	24	23.76	0.01	0.195	0.206
T627	LTE B41	QPKS20M	40740	1	50	Right Cheek	1	1	2	24	23.85	0.06	0.301	0.312
T628	LTE B41	QPKS20M	40740	1	50	Right Cheek	1	1	3	24	23.85	0.09	<b>0.359</b>	0.372
T629	LTE B41	QPKS20M	40740	1	50	Right Cheek	2	1	1	24	23.73	-0.09	0.761	0.810
T630	LTE B41	QPKS20M	40740	1	50	Right Tilted	2	1	1	24	23.73	0.02	0.643	0.684
T631	LTE B41	QPKS20M	40740	1	50	Left Cheek	2	1	1	24	23.73	0.01	0.189	0.201
T632	LTE B41	QPKS20M	40740	1	50	Left Tilted	2	1	1	24	23.73	-0.03	0.225	0.239
T633	LTE B41	QPKS20M	40740	50	25	Right Cheek	2	1	1	23	22.85	0.01	0.604	0.625
T634	LTE B41	QPKS20M	40740	50	25	Right Tilted	2	1	1	23	22.85	0.04	0.522	0.540
T635	LTE B41	QPKS20M	40740	50	25	Left Cheek	2	1	1	23	22.85	0.07	0.151	0.156
T636	LTE B41	QPKS20M	40740	50	25	Left Tilted	2	1	1	23	22.85	0.02	0.178	0.184
T639	LTE B41	QPKS20M	40340	1	50	Right Cheek	2	1	1	24	23.63	0.02	<b>1.08</b>	1.176
T640	LTE B41	QPKS20M	41141	1	50	Right Cheek	2	1	1	24	23.62	-0.03	0.604	0.659
T641	LTE B41	QPKS20M	40340	1	50	Right Cheek	2	1	2	24	23.63	0.07	1.06	1.154
T642	LTE B41	QPKS20M	40340	1	50	Right Cheek	2	1	3	24	23.63	0.01	0.912	0.993
T643	LTE B41	QPKS20M	40340	100	0	Right Cheek	2	1	1	23	22.73	0.07	0.731	0.778
T639-1	LTE B41	QPKS20M	40340	1	50	Right Cheek(1st Repeated)	2	1	1	24	23.63	0.02	<b>1.04</b>	1.132



- Note: 1. The value with boldface is the maximum SAR Value of each test band.  
2. Main antenna is bottom antenna(Ant 1), and the second antenna is top antenna(Ant 2).

### 3. Head SAR test results of WIFI

#### a) Full Power

Test No.	Band	CH	Test Position	Battery	Data Rate	Power Setting	Tune up	Measured	Drift(dB)	SAR Value (W/kg)1-g	Reported SAR
T1-1301	802.11b	11	Right Cheek	1	1	17	18	17.54	0	0.096	0.107
T1-1302	802.11b	11	Right Tilted	1	1	17	18	17.54	0.04	0.092	0.103
T1-1303	802.11b	11	Left Cheek	1	1	17	18	17.54	-0.09	0.387	0.430
T1-1304	802.11b	11	Left Tilted	1	1	17	18	17.54	0.06	0.379	0.421
T1-1305	802.11b	1	Left Cheek	1	1	17	18	17.19	0.02	0.325	0.392
T1-1306	802.11b	6	Left Cheek	1	1	17	18	17.45	0.06	<b>0.819</b>	0.930
T1-1307	802.11b	6	Left Cheek	2	1	17	18	17.45	0.02	0.801	0.909
T1-1308	802.11b	6	Left Cheek	3	1	17	18	17.45	0.05	0.804	0.913
T1-1306-1	802.11b	6	Left Cheek(1st Repeated)	1	1	17	18	17.45	0.06	0.814	0.924
T1-1315	802.11a	52	Right Cheek	1	6	15	16	14.83	0	0.148	0.194
T1-1316	802.11a	52	Right Tilted	1	6	15	16	14.83	0.02	0.152	0.199
T1-1317	802.11a	52	Left Cheek	1	6	15	16	14.83	0	<b>0.403</b>	0.528
T1-1318	802.11a	52	Left Tilted	1	6	15	16	14.83	0.02	0.391	0.512
T1-1319	802.11a	52	Left Cheek	2	6	15	16	14.83	0.04	0.393	0.515
T1-1320	802.11a	52	Left Cheek	3	6	15	16	14.83	-0.01	0.396	0.518
T1-1321	802.11a	100	Right Cheek	1	6	15	16	14.9	0	0.266	0.343
T1-1322	802.11a	100	Right Tilted	1	6	15	16	14.9	0.01	0.353	0.455
T1-1323	802.11a	100	Left Cheek	1	6	15	16	14.9	0	<b>0.589</b>	0.759
T1-1324	802.11a	100	Left Tilted	1	6	15	16	14.9	-0.03	0.511	0.658
T1-1325	802.11a	100	Left Cheek	2	6	15	16	14.9	-0.04	0.568	0.732
T1-1326	802.11a	100	Left Cheek	3	6	15	16	14.9	0.06	0.572	0.737
T1-1328	802.11a	104	Left Cheek	1	6	15	16	14.77	0.01	0.450	0.597
T1-1329	802.11a	108	Left Cheek	1	6	15	16	14.55	0.02	0.408	0.570
T1-1330	802.11a	112	Left Cheek	1	6	15	16	14.49	-0.03	0.441	0.624
T1-1331	802.11a	116	Left Cheek	1	6	15	16	14.57	0.01	0.537	0.746
T1-1341	802.11a	120	Left Cheek	1	6	15	16	14.48	0.02	0.457	0.649
T1-1342	802.11a	124	Left Cheek	1	6	15	16	14.58	0.04	0.489	0.678
T1-1343	802.11a	128	Left Cheek	1	6	15	16	14.61	-0.02	0.504	0.694
T1-1332	802.11a	132	Left Cheek	1	6	15	16	14.65	0.04	0.502	0.685
T1-1333	802.11a	136	Left Cheek	1	6	15	16	14.62	-0.02	0.551	0.757
T1-1334	802.11a	140	Left Cheek	1	6	15	16	14.5	0.03	0.535	0.756
T1-1335	802.11a	149	Right Cheek	1	6	15	16	14.3	-0.01	0.159	0.235
T1-1336	802.11a	149	Right Tilted	1	6	15	16	14.3	0	0.147	0.217
T1-1337	802.11a	149	Left Cheek	1	6	15	16	14.3	0	<b>0.415</b>	0.614
T1-1338	802.11a	149	Left Tilted	1	6	15	16	14.3	0.02	0.276	0.408
T1-1339	802.11a	149	Left Cheek	2	6	15	16	14.3	0.03	0.408	0.603
T1-1340	802.11a	149	Left Cheek	3	6	15	16	14.3	0.04	0.412	0.609

b) Additional SAR test(Top or Bottom antenna + WiFi antenna simultaneous transmission)

Test No.	Band	CH	Test Position	Battery	Data Rate	Power Setting	Tune up	Measured	Drift(dB)	SAR Value (W/kg)1-g	Reported SAR
T2-1301	802.11b	11	Right Cheek	1	1	15	16	15.57	0.02	0.070	0.078
T2-1302	802.11b	11	Right Tilted	1	1	15	16	15.57	0.01	0.098	0.108
T2-1303	802.11b	11	Left Cheek	1	1	15	16	15.57	0.06	0.355	0.392
T2-1304	802.11b	11	Left Tilted	1	1	15	16	15.57	0.02	0.285	0.315
T2-1305	802.11b	1	Left Cheek	1	1	15	16	15.22	-0.04	0.340	0.407
T2-1306	802.11b	6	Left Cheek	1	1	15	16	15.48	-0.08	<b>0.547</b>	0.617
T2-1307	802.11b	6	Left Cheek	2	1	15	16	15.48	0.08	0.534	0.602
T2-1308	802.11b	6	Left Cheek	3	1	15	16	15.48	0.01	0.531	0.599
T2-1315	802.11a	52	Right Cheek	1	6	13	14	12.84	0.08	0.100	0.131
T2-1316	802.11a	52	Right Tilted	1	6	13	14	12.84	0.05	0.092	0.120
T2-1317	802.11a	52	Left Cheek	1	6	13	14	12.84	0.04	<b>0.235</b>	0.307
T2-1318	802.11a	52	Left Tilted	1	6	13	14	12.84	0.02	0.154	0.201
T2-1319	802.11a	52	Left Cheek	2	6	13	14	12.84	0.06	0.229	0.299
T2-1320	802.11a	52	Left Cheek	3	6	13	14	12.84	-0.02	0.226	0.295
T2-1321	802.11a	100	Right Cheek	1	6	13	14	12.98	-0.07	0.176	0.223
T2-1322	802.11a	100	Right Tilted	1	6	13	14	12.98	0.04	0.091	0.115
T2-1323	802.11a	100	Left Cheek	1	6	13	14	12.98	0.02	<b>0.358</b>	0.453
T2-1324	802.11a	100	Left Tilted	1	6	13	14	12.98	-0.06	0.236	0.298
T2-1327	802.11a	104	Left Cheek	1	6	13	14	12.78	0.02	0.209	0.277
T2-1328	802.11a	108	Left Cheek	1	6	13	14	12.56	0.04	0.239	0.333
T2-1329	802.11a	112	Left Cheek	1	6	13	14	12.5	0.01	0.289	0.408
T2-1330	802.11a	116	Left Cheek	1	6	13	14	12.58	-0.09	0.187	0.259
T2-1341	802.11a	120	Left Cheek	1	6	13	14	12.49	0.02	0.212	0.300
T2-1342	802.11a	124	Left Cheek	1	6	13	14	12.51	0.01	0.189	0.266
T2-1343	802.11a	128	Left Cheek	1	6	13	14	12.54	0.04	0.204	0.286
T2-1331	802.11a	132	Left Cheek	1	6	13	14	12.66	0.08	0.217	0.295
T2-1332	802.11a	136	Left Cheek	1	6	13	14	12.63	0.06	0.326	0.447
T2-1333	802.11a	140	Left Cheek	1	6	13	14	12.51	0.07	0.253	0.357
T2-1325	802.11a	100	Left Cheek	2	6	13	14	12.98	0.01	0.352	0.445
T2-1326	802.11a	100	Left Cheek	3	6	13	14	12.98	0.06	0.349	0.441
T2-1334	802.11a	149	Right Cheek	1	6	13	14	12.5	0.01	0.154	0.218
T2-1335	802.11a	149	Right Tilted	1	6	13	14	12.5	0.03	0.184	0.260
T2-1336	802.11a	149	Left Cheek	1	6	13	14	12.5	0.04	<b>0.295</b>	0.417
T2-1337	802.11a	149	Left Tilted	1	6	13	14	12.5	0.02	0.220	0.311
T2-1338	802.11a	149	Left Cheek	2	6	13	14	12.5	-0.02	0.291	0.411
T2-1339	802.11a	149	Left Cheek	3	6	13	14	12.5	0.06	0.287	0.405

c) Additional SAR test (Top and Bottom antennas + WiFi antenna simultaneous transmission)

Test No.	Band	CH	Test Position	Battery	Data Rate	Power Setting	Tune up	Measured	Drift(dB)	SAR Value (W/kg)1-g	Reported SAR
T3-1301	802.11b	11	Right Cheek	1	1	14	15	14.58	-0.04	0.054	0.059
T3-1302	802.11b	11	Right Tilted	1	1	14	15	14.58	0.02	0.087	0.096
T3-1303	802.11b	11	Left Cheek	1	1	14	15	14.58	-0.03	0.249	0.274
T3-1304	802.11b	11	Left Tilted	1	1	14	15	14.58	-0.01	0.183	0.202
T3-1305	802.11b	1	Left Cheek	1	1	14	15	14.23	0.05	0.230	0.275
T3-1306	802.11b	6	Left Cheek	1	1	14	15	14.49	0.04	<b>0.380</b>	0.427
T3-1307	802.11b	6	Left Cheek	2	1	14	15	14.49	0.01	0.374	0.421
T3-1308	802.11b	6	Left Cheek	3	1	14	15	14.49	0.02	0.376	0.423
T3-1315	802.11a	52	Right Cheek	1	6	12	13	11.85	0.02	0.081	0.105
T3-1316	802.11a	52	Right Tilted	1	6	12	13	11.85	0.01	0.067	0.087
T3-1317	802.11a	52	Left Cheek	1	6	12	13	11.85	0	<b>0.177</b>	0.231
T3-1318	802.11a	52	Left Tilted	1	6	12	13	11.85	0.05	0.094	0.122
T3-1319	802.11a	52	Left Cheek	2	6	12	13	11.85	0.04	0.173	0.225
T3-1320	802.11a	52	Left Cheek	3	6	12	13	11.85	0.06	0.172	0.224
T3-1321	802.11a	100	Right Cheek	1	6	12	13	11.9	0.07	0.146	0.188
T3-1322	802.11a	100	Right Tilted	1	6	12	13	11.9	0.02	0.093	0.120
T3-1323	802.11a	100	Left Cheek	1	6	12	13	11.9	0	<b>0.329</b>	0.424
T3-1324	802.11a	100	Left Tilted	1	6	12	13	11.9	-0.01	0.284	0.366
T3-1325	802.11a	104	Left Cheek	1	6	12	13	11.69	0.01	0.208	0.281
T3-1326	802.11a	108	Left Cheek	1	6	12	13	11.57	0.03	0.210	0.292
T3-1327	802.11a	112	Left Cheek	1	6	12	13	11.51	-0.09	0.254	0.358
T3-1328	802.11a	116	Left Cheek	1	6	12	13	11.59	-0.03	0.284	0.393
T3-1341	802.11a	120	Left Cheek	1	6	12	13	11.55	0.02	0.224	0.313
T3-1342	802.11a	124	Left Cheek	1	6	12	13	11.53	-0.04	0.245	0.344
T3-1343	802.11a	128	Left Cheek	1	6	12	13	11.61	0.06	0.214	0.295
T3-1329	802.11a	132	Left Cheek	1	6	12	13	11.67	-0.05	0.201	0.273
T3-1330	802.11a	136	Left Cheek	1	6	12	13	11.64	0.01	0.264	0.361
T3-1331	802.11a	140	Left Cheek	1	6	12	13	11.52	0.04	0.295	0.415
T3-1332	802.11a	100	Left Cheek	2	6	12	13	11.9	0.03	0.324	0.417
T3-1333	802.11a	100	Left Cheek	3	6	12	13	11.9	0.05	0.321	0.414
T3-1334	802.11a	149	Right Cheek	1	6	12	13	11.32	0	0.091	0.133
T3-1335	802.11a	149	Right Tilted	1	6	12	13	11.32	0.02	0.054	0.080
T3-1336	802.11a	149	Left Cheek	1	6	12	13	11.32	0	<b>0.174</b>	0.256
T3-1337	802.11a	149	Left Tilted	1	6	12	13	11.32	0.04	0.128	0.188
T3-1338	802.11a	149	Left Cheek	2	6	12	13	11.32	0.01	0.171	0.252
T3-1339	802.11a	149	Left Cheek	3	6	12	13	11.32	-0.02	0.168	0.247

Note: As the maximum output power for 5.2G and 5.3G WIFI is the same and the highest reported SAR for 5.3G is  $\leq 1.2$  W/kg, so SAR is not required for 5.2G.

## 8.2.2 SAR MEASUREMENT RESULT OF BODY-WORN

### 1. Body-worn SAR test results of GSM(Main Modem)&UMTS

Test No.	Band	Mode	CH	Test Position With 15mm	ANT	SIM	Battery	Tune up	Measured	Drift(dB)	SAR Value (W/kg)1-g	Reported SAR
T151	GSM850	GSM	190	Front Face	1	1	1	33.5	32.37	0.03	0.234	0.304
T152	GSM850	GSM	190	Rear Face	1	1	1	33.5	32.37	0.02	<b>0.261</b>	0.339
T153	GSM850	GSM	190	Rear Face	1	1	2	33.5	32.37	-0.01	0.109	0.141
T154	GSM850	GSM	190	Rear Face	1	1	3	33.5	32.37	0.03	0.154	0.200
T155	GSM850	GSM	190	Rear Face	1	2	1	33.5	32.37	0.05	0.253	0.328
T0151	GSM850	GPRS 2TX	190	Front Face	1	1	1	31	30.07	0.02	0.198	0.245
T0152	GSM850	GPRS 2TX	190	Rear Face	1	1	1	31	30.07	-0.02	0.242	0.300
T0153	GSM850	GPRS 2TX	190	Rear Face	1	1	2	31	30.07	0.03	0.232	0.287
T0154	GSM850	GPRS 2TX	190	Rear Face	1	1	3	31	30.07	0.08	<b>0.272</b>	0.337
T0155	GSM850	GPRS 2TX	190	Rear Face	1	2	1	31	30.07	0.05	0.265	0.328
T175	GSM850	GSM	190	Front Face	2	1	1	33.5	32.41	0.04	0.161	0.207
T176	GSM850	GSM	190	Rear Face	2	1	1	33.5	32.41	0.04	<b>0.178</b>	0.229
T177	GSM850	GSM	190	Rear Face	2	1	2	33.5	32.41	0.05	0.101	0.130
T178	GSM850	GSM	190	Rear Face	2	1	3	33.5	32.41	-0.04	0.094	0.121
T179	GSM850	GSM	190	Rear Face	2	2	1	33.5	32.41	0.01	0.171	0.220
T0175	GSM850	GPRS 2TX	190	Front Face	2	1	1	30	28.6	0.03	0.156	0.215
T0176	GSM850	GPRS 2TX	190	Rear Face	2	1	1	30	28.6	-0.02	<b>0.167</b>	0.231
T0177	GSM850	GPRS 2TX	190	Rear Face	2	1	2	30	28.6	-0.01	0.157	0.217
T0178	GSM850	GPRS 2TX	190	Rear Face	2	1	3	30	28.6	0.02	0.164	0.226
T0179	GSM850	GPRS 2TX	190	Rear Face	2	2	1	30	28.6	0.04	0.158	0.218
T199	GSM1900	GSM	661	Front Face	1	1	1	30.5	28.96	0.03	0.278	0.396
T200	GSM1900	GSM	661	Rear Face	1	1	1	30.5	28.96	0.07	<b>0.368</b>	0.525
T201	GSM1900	GSM	661	Rear Face	1	1	2	30.5	28.96	0.06	0.295	0.421
T202	GSM1900	GSM	661	Rear Face	1	1	3	30.5	28.96	0.07	0.322	0.459
T203	GSM1900	GSM	661	Rear Face	1	2	1	30.5	28.96	-0.01	0.313	0.446
T0199	GSM1900	GPRS 3TX	661	Front Face	1	1	1	26.5	25.93	0.02	0.239	0.273
T0200	GSM1900	GPRS 3TX	661	Rear Face	1	1	1	26.5	25.93	0.03	0.311	0.355
T0201	GSM1900	GPRS 3TX	661	Rear Face	1	1	2	26.5	25.93	0.01	0.307	0.350
T0202	GSM1900	GPRS 3TX	661	Rear Face	1	1	3	26.5	25.93	0.04	<b>0.324</b>	0.369
T0203	GSM1900	GPRS 3TX	661	Rear Face	1	2	3	26.5	25.93	-0.05	0.319	0.364
T226	GSM1900	GSM	661	Front Face	2	1	1	30.5	29.02	0.08	0.107	0.150
T227	GSM1900	GSM	661	Rear Face	2	1	1	30.5	29.02	-0.02	0.112	0.157
T228	GSM1900	GSM	661	Rear Face	2	1	2	30.5	29.02	0.03	<b>0.122</b>	0.172
T229	GSM1900	GSM	661	Rear Face	2	1	3	30.5	29.02	0.09	0.110	0.155
T331	GSM1900	GSM	661	Rear Face	2	2	2	30.5	29.02	0.07	0.115	0.162
T0225	GSM1900	GPRS 2TX	661	Front Face	2	1	1	27	25.56	0.02	0.091	0.127
T0226	GSM1900	GPRS 2TX	661	Rear Face	2	1	1	27	25.56	-0.04	<b>0.092</b>	0.128
T0227	GSM1900	GPRS 2TX	661	Rear Face	2	1	2	27	25.56	-0.03	0.086	0.120
T0228	GSM1900	GPRS 2TX	661	Rear Face	2	1	3	27	25.56	-0.01	0.082	0.114

T0229	GSM1900	GPRS 2TX	661	Rear Face	2	2	1	27	25.56	0.05	0.084	0.117
T249	UMTS B2	RMC12.2K	9400	Front Face	1	1	1	24	23.55	-0.01	0.321	0.356
T250	UMTS B2	RMC12.2K	9400	Rear Face	1	1	1	24	23.55	-0.02	0.441	0.489
T251	UMTS B2	RMC12.2K	9400	Rear Face	1	1	2	24	23.55	0.04	0.368	0.408
T252	UMTS B2	RMC12.2K	9400	Rear Face	1	1	3	24	23.55	0.02	<b>0.498</b>	0.552
T260	UMTS B2	RMC12.2K	9400	Front Face	2	1	1	24	23.44	0.07	<b>0.079</b>	0.090
T261	UMTS B2	RMC12.2K	9400	Rear Face	2	1	1	24	23.44	0.03	0.077	0.088
T262	UMTS B2	RMC12.2K	9400	Front Face	2	1	2	24	23.44	-0.04	0.076	0.087
T263	UMTS B2	RMC12.2K	9400	Front Face	2	1	3	24	23.44	-0.07	0.074	0.084
T271	UMTS B4	RMC12.2K	1413	Front Face	1	1	1	24	23.85	0.04	0.345	0.357
T272	UMTS B4	RMC12.2K	1413	Rear Face	1	1	1	24	23.85	-0.05	0.420	0.435
T273	UMTS B4	RMC12.2K	1413	Rear Face	1	1	2	24	23.85	-0.02	0.378	0.391
T274	UMTS B4	RMC12.2K	1413	Rear Face	1	1	3	24	23.85	0.07	<b>0.458</b>	0.474
T282	UMTS B4	RMC12.2K	1413	Front Face	2	1	1	24	23.68	0.01	0.038	0.041
T283	UMTS B4	RMC12.2K	1413	Rear Face	2	1	1	24	23.68	0.09	<b>0.044</b>	0.047
T284	UMTS B4	RMC12.2K	1413	Rear Face	2	1	2	24	23.68	0.04	0.041	0.044
T285	UMTS B4	RMC12.2K	1413	Rear Face	2	1	3	24	23.68	-0.02	0.038	0.041
T293	UMTS B5	RMC12.2K	4182	Front Face	1	1	1	24.5	24.11	0.02	0.172	0.188
T294	UMTS B5	RMC12.2K	4182	Rear Face	1	1	1	24.5	24.11	-0.03	<b>0.195</b>	0.213
T295	UMTS B5	RMC12.2K	4182	Rear Face	1	1	2	24.5	24.11	0.05	0.144	0.158
T296	UMTS B5	RMC12.2K	4182	Rear Face	1	1	3	24.5	24.11	-0.06	0.178	0.195
T304	UMTS B5	RMC12.2K	4182	Front Face	2	1	1	24.5	23.81	0.02	0.204	0.239
T305	UMTS B5	RMC12.2K	4182	Rear Face	2	1	1	24.5	23.81	0.05	0.227	0.266
T306	UMTS B5	RMC12.2K	4182	Rear Face	2	1	2	24.5	23.81	0.07	0.236	0.277
T307	UMTS B5	RMC12.2K	4182	Rear Face	2	1	3	24.5	23.81	-0.09	<b>0.265</b>	0.311

Note: 1. The value with boldface is the maximum SAR Value of each test band.  
 2. Main antenna is bottom antenna(Ant 1), and the second antenna is top antenna(Ant 2).

Body-worn SAR test results of GSM(Second Modem)

Test No.	Band	Mode	CH	Test Position With 15mm	ANT	SIM	Battery	Tune up	Measured	Drift(dB)	SAR Value (W/kg)1-g	Reported SAR
T164	GSM850	GSM	190	Front Face	1	2	1	33.5	32.58	0.01	0.198	0.245
T165	GSM850	GSM	190	Rear Face	1	2	1	33.5	32.58	-0.03	<b>0.220</b>	0.272
T166	GSM850	GSM	190	Rear Face	1	2	2	33.5	32.58	0.03	0.177	0.219
T167	GSM850	GSM	190	Rear Face	1	2	3	33.5	32.58	-0.01	0.158	0.195
T0164	GSM850	GPRS 2TX	190	Front Face	1	2	1	31	29.9	0.03	0.098	0.126
T0165	GSM850	GPRS 2TX	190	Rear Face	1	2	1	31	29.9	0.01	<b>0.115</b>	0.148
T0166	GSM850	GPRS 2TX	190	Rear Face	1	2	2	31	29.9	-0.01	0.108	0.139
T0167	GSM850	GPRS 2TX	190	Rear Face	1	2	3	31	29.9	0.04	0.102	0.131
T188	GSM850	GSM	190	Front Face	2	2	1	32	30.11	0.07	0.262	0.405
T189	GSM850	GSM	190	Rear Face	2	2	1	32	30.11	-0.06	<b>0.274</b>	0.423
T190	GSM850	GSM	190	Rear Face	2	2	2	32	30.11	-0.01	0.142	0.219
T191	GSM850	GSM	190	Rear Face	2	2	3	32	30.11	0.01	0.157	0.243
T0188	GSM850	GPRS 2TX	190	Front Face	2	2	1	28.5	28.04	0.02	0.092	0.102
T0189	GSM850	GPRS 2TX	190	Rear Face	2	2	1	28.5	28.04	-0.01	<b>0.121</b>	0.135
T0190	GSM850	GPRS 2TX	190	Rear Face	2	2	2	28.5	28.04	-0.03	0.085	0.094
T0191	GSM850	GPRS 2TX	190	Rear Face	2	2	3	28.5	28.04	0.05	0.114	0.127
T212	GSM1900	GSM	661	Front Face	1	2	1	30.5	29.47	0.04	0.294	0.373
T213	GSM1900	GSM	661	Rear Face	1	2	1	30.5	29.47	-0.05	<b>0.410</b>	0.520
T214	GSM1900	GSM	661	Rear Face	1	2	2	30.5	29.47	0.04	0.361	0.458
T215	GSM1900	GSM	661	Rear Face	1	2	3	30.5	29.47	0.01	0.184	0.233
T0212	GSM1900	GPRS 3TX	661	Front Face	1	2	1	26.5	25.73	0.01	0.267	0.319
T0213	GSM1900	GPRS 3TX	661	Rear Face	1	2	1	26.5	25.73	0.04	0.352	0.420
T0214	GSM1900	GPRS 3TX	661	Rear Face	1	2	2	26.5	25.73	-0.02	0.327	0.390
T0215	GSM1900	GPRS 3TX	661	Rear Face	1	2	3	26.5	25.73	0.01	<b>0.355</b>	0.424
T238	GSM1900	GSM	661	Front Face	2	2	1	30.5	29.54	0.04	0.102	0.127
T239	GSM1900	GSM	661	Rear Face	2	2	1	30.5	29.54	0.04	<b>0.107</b>	0.133
T240	GSM1900	GSM	661	Rear Face	2	2	2	30.5	29.54	0.08	0.095	0.119
T241	GSM1900	GSM	661	Rear Face	2	2	3	30.5	29.54	0.07	0.081	0.101
T0238	GSM1900	GPRS 3TX	661	Front Face	2	2	1	23	21.18	0.02	0.039	0.059
T0239	GSM1900	GPRS 3TX	661	Rear Face	2	2	1	23	21.18	0.03	<b>0.057</b>	0.087
T0240	GSM1900	GPRS 3TX	661	Rear Face	2	2	2	23	21.18	-0.04	0.048	0.073
T0241	GSM1900	GPRS 3TX	661	Rear Face	2	2	3	23	21.18	0.02	0.045	0.068

Note: 1. The value with boldface is the maximum SAR Value of each test band.  
 2. Main antenna is bottom antenna(Ant 1), and the second antenna is top antenna(Ant 2).



2. Body-worn SAR test results of LTE

Test No.	Band	Mode	CH	RB	Offset	Test Position With 15mm	ANT	Battery	SI M	Tune up	Measured	Drift(dB)	SAR Value (W/kg)1-g	Reported SAR
T651	LTE B2	QPSK20M	18900	1	50	Front Face	1	1	1	24	23.62	0.04	0.458	0.500
T652	LTE B2	QPSK20M	18900	1	50	Rear Face	1	1	1	24	23.62	0.07	<b>0.560</b>	0.611
T653	LTE B2	QPSK20M	18900	50	0	Front Face	1	1	1	23	22.89	-0.01	0.393	0.403
T654	LTE B2	QPSK20M	18900	50	0	Rear Face	1	1	1	23	22.89	0.06	0.484	0.496
T655	LTE B2	QPSK20M	18900	1	50	Rear Face	1	2	1	24	23.62	0.02	0.515	0.562
T656	LTE B2	QPSK20M	18900	1	50	Rear Face	1	3	1	24	23.62	-0.05	0.531	0.580
T676	LTE B2	QPSK20M	18900	1	50	Front Face	2	1	1	24	23.56	0.03	0.106	0.117
T677	LTE B2	QPSK20M	18900	1	50	Rear Face	2	1	1	24	23.56	0.02	0.115	0.127
T678	LTE B2	QPSK20M	18900	50	0	Front Face	2	1	1	23	22.75	0.01	0.058	0.061
T679	LTE B2	QPSK20M	18900	50	0	Rear Face	2	1	1	23	22.75	0.09	0.061	0.065
T682	LTE B2	QPSK20M	18900	1	50	Rear Face	2	2	1	24	23.56	-0.02	0.125	0.138
T683	LTE B2	QPSK20M	18900	1	50	Rear Face	2	3	1	24	23.56	0.07	<b>0.128</b>	0.142
T705	LTE B4	QPSK20M	20175	1	50	Front Face	1	1	1	24	23.41	0.02	0.485	0.556
T706	LTE B4	QPSK20M	20175	1	50	Rear Face	1	1	1	24	23.41	-0.01	<b>0.590</b>	0.676
T707	LTE B4	QPSK20M	20175	50	0	Front Face	1	1	1	23	21.99	0.04	0.354	0.447
T708	LTE B4	QPSK20M	20175	50	0	Rear Face	1	1	1	23	21.99	0.05	0.429	0.541
T709	LTE B4	QPSK20M	20175	1	50	Rear Face	1	2	1	24	23.41	0.01	0.541	0.620
T710	LTE B4	QPSK20M	20175	1	50	Rear Face	1	3	1	24	23.41	0	0.569	0.652
T727	LTE B4	QPSK20M	20175	1	0	Front Face	2	1	1	23.8	22.78	0.04	0.049	0.062
T728	LTE B4	QPSK20M	20175	1	0	Rear Face	2	1	1	23.8	22.78	0.06	<b>0.053</b>	0.067
T729	LTE B4	QPSK20M	20175	50	0	Front Face	2	1	1	23	21.89	0.01	0.041	0.053
T730	LTE B4	QPSK20M	20175	50	0	Rear Face	2	1	1	23	21.89	0.03	0.051	0.066
T733	LTE B4	QPSK20M	20175	1	0	Rear Face	2	2	1	23.8	22.78	-0.01	0.033	0.042
T734	LTE B4	QPSK20M	20175	1	0	Rear Face	2	3	1	23.8	22.78	-0.02	0.039	0.049
T754	LTE B5	QPSK10M	20525	1	24	Front Face	1	1	1	24	23.37	0.02	0.233	0.269
T755	LTE B5	QPSK10M	20525	1	24	Rear Face	1	1	1	24	23.37	0.09	<b>0.253</b>	0.292
T756	LTE B5	QPSK10M	20525	25	0	Front Face	1	1	1	23	21.95	0.04	0.156	0.199
T757	LTE B5	QPSK10M	20525	25	0	Rear Face	1	1	1	23	21.95	0.08	0.168	0.214
T758	LTE B5	QPSK10M	20525	1	24	Rear Face	1	2	1	24	23.37	-0.05	0.165	0.191
T759	LTE B5	QPSK10M	20525	1	24	Rear Face	1	3	1	24	23.37	-0.02	0.183	0.212
T772	LTE B5	QPSK10M	20525	1	24	Front Face	2	1	1	24	22.76	0.03	0.163	0.217
T773	LTE B5	QPSK10M	20525	1	24	Rear Face	2	1	1	24	22.76	0.01	<b>0.183</b>	0.243
T774	LTE B5	QPSK10M	20450	25	0	Front Face	2	1	1	23	21.82	0.07	0.149	0.196
T775	LTE B5	QPSK10M	20450	25	0	Rear Face	2	1	1	23	21.82	-0.01	0.165	0.217
T778	LTE B5	QPSK10M	20525	1	24	Rear Face	2	2	1	24	22.76	-0.03	0.142	0.189
T779	LTE B5	QPSK10M	20525	1	24	Rear Face	2	3	1	24	22.76	0.09	0.153	0.204
State 2														
T801-1	LTE B7	QPKS20M	21100	1	50	Front Face	1	1	1	24	22.68	0.04	0.181	0.245
State 1														



T801	LTE B7	QPKS20M	21100	1	50	Front Face	1	1	1	24	22.68	-0.08	<b>0.190</b>	0.257
T802	LTE B7	QPKS20M	21100	1	50	Rear Face	1	1	1	24	22.68	0.02	0.188	0.255
T803	LTE B7	QPKS20M	21100	50	25	Front Face	1	1	1	23	21.83	0.01	0.161	0.211
T804	LTE B7	QPKS20M	21100	50	25	Rear Face	1	1	1	23	21.83	0.04	0.163	0.213
T805	LTE B7	QPKS20M	21100	1	50	Front Face	1	2	1	24	22.68	0.05	0.165	0.224
T806	LTE B7	QPKS20M	21100	1	50	Front Face	1	3	1	24	22.68	-0.06	0.183	0.248
T821	LTE B7	QPKS20M	21100	1	0	Front Face	2	1	1	24	22.65	0.03	0.068	0.093
T822	LTE B7	QPKS20M	21100	1	0	Rear Face	2	1	1	24	22.65	0.01	<b>0.071</b>	0.097
T823	LTE B7	QPKS20M	21100	50	25	Front Face	2	1	1	23	21.68	0.05	0.065	0.088
T824	LTE B7	QPKS20M	21100	50	25	Rear Face	2	1	1	23	21.68	0.07	0.066	0.089
T825	LTE B7	QPKS20M	21100	1	0	Rear Face	2	2	1	24	22.65	-0.03	0.061	0.083
T826	LTE B7	QPKS20M	21100	1	0	Rear Face	2	3	1	24	22.65	-0.01	0.062	0.085
T848	LTE B12	QPSK10M	23095	1	24	Front Face	1	1	1	24.3	23.6	0.03	0.128	0.150
T849	LTE B12	QPSK10M	23095	1	24	Rear Face	1	1	1	24.3	23.6	-0.03	0.154	0.181
T850	LTE B12	QPSK10M	23095	25	12	Front Face	1	1	1	23.3	22.63	0.07	0.121	0.141
T851	LTE B12	QPSK10M	23095	25	12	Rear Face	1	1	1	23.3	22.63	-0.01	0.145	0.169
T852	LTE B12	QPSK10M	23095	1	24	Rear Face	1	2	1	24.3	23.6	0.03	<b>0.221</b>	0.260
T853	LTE B12	QPSK10M	23095	1	24	Rear Face	1	3	1	24.3	23.6	0.02	0.178	0.209
T873	LTE B12	QPSK10M	23095	1	24	Front Face	2	1	1	24.3	23.5	0.02	0.237	0.285
T874	LTE B12	QPSK10M	23095	1	24	Rear Face	2	1	1	24.3	23.5	-0.07	<b>0.276</b>	0.332
T875	LTE B12	QPSK10M	23095	25	12	Front Face	2	1	1	23.3	22.53	0.04	0.196	0.234
T876	LTE B12	QPSK10M	23095	25	12	Rear Face	2	1	1	23.3	22.53	0.07	0.226	0.270
T879	LTE B12	QPSK10M	23095	1	24	Rear Face	2	2	1	24.3	23.5	0.04	0.257	0.309
T880	LTE B12	QPSK10M	23095	1	24	Rear Face	2	3	1	24.3	23.5	0.01	0.259	0.311
T903	LTE B17	QPSK10M	23790	1	24	Front Face	1	1	1	24	23.57	0.04	0.107	0.118
T904	LTE B17	QPSK10M	23790	1	24	Rear Face	1	1	1	24	23.57	0.04	0.143	0.158
T905	LTE B17	QPSK10M	23790	25	12	Front Face	1	1	1	23	22.79	0.01	0.092	0.097
T906	LTE B17	QPSK10M	23790	25	12	Rear Face	1	1	1	23	22.79	0.02	0.112	0.118
T907	LTE B17	QPSK10M	23790	1	24	Rear Face	1	2	1	24	23.57	0.03	<b>0.224</b>	0.247
T908	LTE B17	QPSK10M	23790	1	24	Rear Face	1	3	1	24	23.57	-0.02	0.191	0.211
T934	LTE B17	QPSK10M	23790	1	24	Front Face	2	1	1	24	23.49	0.03	0.181	0.204
T935	LTE B17	QPSK10M	23790	1	24	Rear Face	2	1	1	24	23.49	0.05	<b>0.207</b>	0.233
T936	LTE B17	QPSK10M	23800	25	12	Front Face	2	1	1	23	22.76	0.07	0.144	0.152
T937	LTE B17	QPSK10M	23800	25	12	Rear Face	2	1	1	23	22.76	-0.05	0.167	0.176
T940	LTE B17	QPSK10M	23790	1	24	Rear Face	2	2	1	24	23.49	-0.04	0.201	0.226
T941	LTE B17	QPSK10M	23790	1	24	Rear Face	2	3	1	24	23.49	0	0.205	0.231
T963	LTE B26	QPSK15M	26865	1	0	Front Face	1	1	1	23.5	22.92	0.04	0.138	0.158
T964	LTE B26	QPSK15M	26865	1	0	Rear Face	1	1	1	23.5	22.92	0.01	0.162	0.185
T965	LTE B26	QPSK15M	26765	36	0	Front Face	1	1	1	23	21.93	0.07	0.132	0.169
T966	LTE B26	QPSK15M	26765	36	0	Rear Face	1	1	1	23	21.93	-0.03	0.149	0.191
T967	LTE B26	QPSK15M	26865	1	0	Rear Face	1	2	1	23.5	22.92	-0.02	<b>0.223</b>	0.255
T968	LTE B26	QPSK15M	26865	1	0	Rear Face	1	3	1	23.5	22.92	-0.05	0.191	0.218

T993	LTE B26	QPSK15M	26865	1	0	Front Face	2	1	1	23.5	22.85	0.04	0.237	0.275
T994	LTE B26	QPSK15M	26865	1	0	Rear Face	2	1	1	23.5	22.85	-0.01	<b>0.260</b>	0.302
T995	LTE B26	QPSK15M	26765	36	0	Front Face	2	1	1	23	21.86	0.08	0.133	0.173
T996	LTE B26	QPSK15M	26765	36	0	Rear Face	2	1	1	23	21.86	0.05	0.151	0.196
T997	LTE B26	QPSK15M	26865	1	0	Rear Face	2	2	1	23.5	22.85	0.01	0.227	0.264
T998	LTE B26	QPSK15M	26865	1	0	Rear Face	2	3	1	23.5	22.85	0.02	0.253	0.294
T1031	LTE B38	QPSK20M	38000	1	0	Front Face	1	1	1	24	23.87	0.02	0.083	0.086
T1032	LTE B38	QPSK20M	38000	1	0	Rear Face	1	1	1	24	23.87	0.05	<b>0.098</b>	0.100
T1033	LTE B38	QPSK20M	38000	50	25	Front Face	1	1	1	23	22.96	-0.04	0.080	0.081
T1034	LTE B38	QPSK20M	38000	50	25	Rear Face	1	1	1	23	22.96	0.01	0.067	0.068
T1035	LTE B38	QPSK20M	38000	1	0	Rear Face	1	2	1	24	23.87	0.06	0.078	0.080
T1036	LTE B38	QPSK20M	38000	1	0	Rear Face	1	3	1	24	23.87	0.03	0.085	0.088
T1049	LTE B38	QPSK20M	38000	1	0	Front Face	2	1	1	24	23.82	0.04	0.101	0.105
T1050	LTE B38	QPSK20M	38000	1	0	Rear Face	2	1	1	24	23.82	0.03	0.107	0.112
T1051	LTE B38	QPSK20M	38000	50	25	Front Face	2	1	1	23	22.81	0.07	0.092	0.096
T1052	LTE B38	QPSK20M	38000	50	25	Rear Face	2	1	1	23	22.81	0.04	0.081	0.085
T1053	LTE B38	QPSK20M	38000	1	0	Rear Face	2	2	1	24	23.82	0.01	0.106	0.110
T1054	LTE B38	QPSK20M	38000	1	0	Rear Face	2	3	1	24	23.82	0.07	<b>0.127</b>	0.132
T1151	LTE B41	QPSK20M	40740	1	50	Front Face	1	1	1	24	23.85	0.02	0.176	0.182
T1152	LTE B41	QPSK20M	40740	1	50	Rear Face	1	1	1	24	23.85	0.07	<b>0.189</b>	0.196
T1153	LTE B41	QPSK20M	40740	50	25	Front Face	1	1	1	23	22.96	-0.03	0.161	0.162
T1154	LTE B41	QPSK20M	40740	50	25	Rear Face	1	1	1	23	22.96	0.05	0.182	0.184
T1155	LTE B41	QPSK20M	40740	1	50	Rear Face	1	2	1	24	23.85	-0.01	0.177	0.183
T1156	LTE B41	QPSK20M	40740	1	50	Rear Face	1	3	1	24	23.85	0.06	0.169	0.175
T1169	LTE B41	QPSK20M	40740	1	50	Front Face	2	1	1	24	23.73	-0.09	<b>0.053</b>	0.056
T1170	LTE B41	QPSK20M	40740	1	50	Rear Face	2	1	1	24	23.73	0.03	0.035	0.037
T1171	LTE B41	QPSK20M	40740	50	25	Front Face	2	1	1	23	22.85	-0.04	0.032	0.033
T1172	LTE B41	QPSK20M	40740	50	25	Rear Face	2	1	1	23	22.85	-0.06	0.030	0.031
T1173	LTE B41	QPSK20M	40740	1	50	Front Face	2	2	1	24	23.73	0.03	0.050	0.053
T1174	LTE B41	QPSK20M	40740	1	50	Front Face	2	3	1	24	23.73	0.04	0.049	0.052



### 3. Body-worn SAR test results of WIFI(Full Power)

Test No.	Band	CH	Test Position With 15mm	Battery	Data Rate	Power Setting	Tune up	Measured	Drift(dB)	SAR Value (W/kg)1-g	Reported SAR
T1-1419	802.11b	11	Front Face	1	1	17	18	17.54	0.07	<b>0.034</b>	0.038
T1-1420	802.11b	11	Rear Face	1	1	17	18	17.54	0.03	0.023	0.025
T1-1421	802.11b	11	Front Face	2	1	17	18	17.54	0.02	0.032	0.036
T1-1422	802.11b	11	Front Face	3	1	17	18	17.54	-0.03	0.031	0.034
T1-1443	802.11a	52	Front Face	1	6	15	16	14.83	0	<b>0.036</b>	0.048
T1-1444	802.11a	52	Rear Face	1	6	15	16	14.83	0.09	0.017	0.022
T1-1445	802.11a	52	Front Face	2	6	15	16	14.83	0.02	0.031	0.041
T1-1446	802.11a	52	Front Face	3	6	15	16	14.83	-0.04	0.033	0.043
T1-1455	802.11a	100	Front Face	1	6	15	16	14.9	0.02	0.078	0.100
T1-1456	802.11a	100	Rear Face	1	6	15	16	14.9	0.04	<b>0.089</b>	0.114
T1-1457	802.11a	100	Rear Face	2	6	15	16	14.9	-0.01	0.081	0.104
T1-1458	802.11a	100	Rear Face	3	6	15	16	14.9	-0.06	0.084	0.108
T1-1467	802.11a	149	Front Face	1	6	15	16	14.3	0.09	<b>0.056</b>	0.083
T1-1468	802.11a	149	Rear Face	1	6	15	16	14.3	0.02	0.046	0.068
T1-1469	802.11a	149	Front Face	2	6	15	16	14.3	0.04	0.049	0.072
T1-1470	802.11a	149	Front Face	3	6	15	16	14.3	-0.02	0.053	0.078

Note:As the maximum output power for 5.2G and 5.3G WIFI is the same and the highest reported SAR for 5.3G is  $\leq 1.2$  W/kg, so SAR is not required for 5.2G.



## 8.2.3 SAR MEASUREMENT RESULT OF HOTSPOT

### 1. Hotspot SAR test results of GSM(Main Modem)&UMTS

Test No.	Band	Mode	CH	Test Position With 10mm	ANT	SIM	Battery	Tune up	Measure d	Drift (dB)	SAR Value (W/kg)1-g	Reported SAR
T156	GSM850	GPRS 2TX	190	Front Face	1	1	1	31	30.07	0.02	0.321	0.398
T157	GSM850	GPRS 2TX	190	Rear Face	1	1	1	31	30.07	-0.05	<b>0.323</b>	0.400
T158	GSM850	GPRS 2TX	190	Left Side	1	1	1	31	30.07	0.04	0.282	0.349
T159	GSM850	GPRS 2TX	190	Right Side	1	1	1	31	30.07	0.01	0.318	0.394
T160	GSM850	GPRS 2TX	190	Bottom Side	1	1	1	31	30.07	-0.04	0.089	0.110
T161	GSM850	GPRS 2TX	190	Rear Face	1	1	2	31	30.07	-0.02	0.275	0.341
T162	GSM850	GPRS 2TX	190	Rear Face	1	1	3	31	30.07	-0.09	0.305	0.378
T163	GSM850	GPRS 2TX	190	Rear Face	1	2	1	31	30.07	0.09	0.314	0.389
T180	GSM850	GPRS 2TX	190	Front Face	2	1	1	30	28.6	0.02	0.339	0.468
T181	GSM850	GPRS 2TX	190	Rear Face	2	1	1	30	28.6	-0.01	<b>0.397</b>	0.548
T182	GSM850	GPRS 2TX	190	Left Side	2	1	1	30	28.6	-0.04	0.218	0.301
T183	GSM850	GPRS 2TX	190	Right Side	2	1	1	30	28.6	-0.04	0.069	0.095
T184	GSM850	GPRS 2TX	190	Top Side	2	1	1	30	28.6	0.04	0.272	0.375
T185	GSM850	GPRS 2TX	190	Rear Face	2	1	2	30	28.6	0.02	0.267	0.369
T186	GSM850	GPRS 2TX	190	Rear Face	2	1	3	30	28.6	0.01	0.231	0.319
T187	GSM850	GPRS 2TX	190	Rear Face	2	2	1	30	28.6	0.08	0.242	0.334
T204	GSM1900	GPRS 3TX	661	Front Face	1	1	1	26.5	25.93	0.02	0.605	0.690
T205	GSM1900	GPRS 3TX	661	Rear Face	1	1	1	26.5	25.93	0.07	<b>0.823</b>	0.938
T206	GSM1900	GPRS 3TX	661	Left Side	1	1	1	26.5	25.93	-0.04	0.098	0.112
T207	GSM1900	GPRS 3TX	661	Right Side	1	1	1	26.5	25.93	-0.04	0.418	0.477
T208	GSM1900	GPRS 3TX	661	Bottom Side	1	1	1	26.5	25.93	0.05	0.701	0.799
T205	GSM1900	GPRS 3TX	512	Rear Face	1	1	1	26.5	25.92	0.07	0.795	0.909
T205	GSM1900	GPRS 3TX	810	Rear Face	1	1	1	26.5	25.82	-0.02	0.763	0.892
T209	GSM1900	GPRS 3TX	661	Rear Face	1	1	2	26.5	25.93	0.03	0.659	0.751
T210	GSM1900	GPRS 3TX	661	Rear Face	1	1	3	26.5	25.93	0	0.716	0.816
T211	GSM1900	GPRS 3TX	661	Rear Face	1	2	1	26.5	25.93	0.01	0.782	0.892
T205-1	GSM1900	GPRS 3TX	661	Rear Face(1st Repeat)	1	1	1	26.5	25.93	0.05	0.811	0.925
T230	GSM1900	GPRS 2TX	661	Front Face	2	1	1	27	25.56	0.01	0.191	0.266
T231	GSM1900	GPRS 2TX	661	Rear Face	2	1	1	27	25.56	-0.06	<b>0.228</b>	0.318
T232	GSM1900	GPRS 2TX	661	Left Side	2	1	1	27	25.56	0	0.205	0.286
T233	GSM1900	GPRS 2TX	661	Right Side	2	1	1	27	25.56	0.06	0.045	0.063
T234	GSM1900	GPRS 2TX	661	Top Side	2	1	1	27	25.56	0.09	0.148	0.206
T235	GSM1900	GPRS 2TX	661	Rear Face	2	1	2	27	25.56	-0.01	0.148	0.206
T236	GSM1900	GPRS 2TX	661	Rear Face	2	1	3	27	25.56	-0.02	0.191	0.266
T237	GSM1900	GPRS 2TX	661	Rear Face	2	2	1	27	25.56	0.01	0.179	0.249
T253	UMTS B2	RMC12.2K	9400	Front Face	1	1	1	20	19.78	0.07	0.311	0.327
T254	UMTS B2	RMC12.2K	9400	Rear Face	1	1	1	20	19.78	0.08	0.432	0.454
T255	UMTS B2	RMC12.2K	9400	Left Side	1	1	1	20	19.78	0.09	0.087	0.092
T256	UMTS B2	RMC12.2K	9400	Right Side	1	1	1	20	19.78	0.07	0.205	0.216
T257	UMTS B2	RMC12.2K	9400	Bottom Side	1	1	1	20	19.78	-0.02	0.367	0.386

T258	UMTS B2	RMC12.2K	9400	Rear Face	1	1	2	20	19.78	0.04	0.415	0.437
T259	UMTS B2	RMC12.2K	9400	Rear Face	1	1	3	20	19.78	0.06	<b>0.452</b>	0.475
T264	UMTS B2	RMC12.2K	9400	Front Face	2	1	1	19	18.52	0.07	0.166	0.185
T265	UMTS B2	RMC12.2K	9400	Rear Face	2	1	1	19	18.52	-0.05	0.184	0.206
T266	UMTS B2	RMC12.2K	9400	Left Side	2	1	1	19	18.52	0.06	0.171	0.191
T267	UMTS B2	RMC12.2K	9400	Right Side	2	1	1	19	18.52	0.08	0.064	0.071
T268	UMTS B2	RMC12.2K	9400	Top Side	2	1	1	19	18.52	0.04	0.127	0.142
T269	UMTS B2	RMC12.2K	9400	Rear Face	2	1	2	19	18.52	0	<b>0.193</b>	0.216
T270	UMTS B2	RMC12.2K	9400	Rear Face	2	1	3	19	18.52	-0.01	0.157	0.175
T275	UMTS B4	RMC12.2K	1413	Front Face	1	1	1	22	21.88	0.05	0.401	0.412
T276	UMTS B4	RMC12.2K	1413	Rear Face	1	1	1	22	21.88	0.09	0.502	0.516
T277	UMTS B4	RMC12.2K	1413	Left Side	1	1	1	22	21.88	0.04	0.098	0.101
T278	UMTS B4	RMC12.2K	1413	Right Side	1	1	1	22	21.88	-0.01	0.322	0.331
T279	UMTS B4	RMC12.2K	1413	Bottom Side	1	1	1	22	21.88	0.02	0.136	0.140
T280	UMTS B4	RMC12.2K	1413	Rear Face	1	1	2	22	21.88	0.05	0.504	0.518
T281	UMTS B4	RMC12.2K	1413	Rear Face	1	1	3	22	21.88	0.03	<b>0.626</b>	0.644
T286	UMTS B4	RMC12.2K	1413	Front Face	2	1	1	18	17.32	0.05	0.080	0.094
T287	UMTS B4	RMC12.2K	1413	Rear Face	2	1	1	18	17.32	-0.05	0.103	0.120
T288	UMTS B4	RMC12.2K	1413	Left Side	2	1	1	18	17.32	-0.03	0.098	0.115
T289	UMTS B4	RMC12.2K	1413	Right Side	2	1	1	18	17.32	0.06	0.063	0.074
T290	UMTS B4	RMC12.2K	1413	Top Side	2	1	1	18	17.32	-0.01	0.087	0.102
T291	UMTS B4	RMC12.2K	1413	Rear Face	2	1	2	18	17.32	0.04	<b>0.124</b>	0.145
T292	UMTS B4	RMC12.2K	1413	Rear Face	2	1	3	18	17.32	0.02	0.116	0.136
T297	UMTS B5	RMC12.2K	4182	Front Face	1	1	1	24.5	24.11	0.04	0.186	0.203
T298	UMTS B5	RMC12.2K	4182	Rear Face	1	1	1	24.5	24.11	0.02	<b>0.273</b>	0.299
T299	UMTS B5	RMC12.2K	4182	Left Side	1	1	1	24.5	24.11	-0.01	0.092	0.101
T300	UMTS B5	RMC12.2K	4182	Right Side	1	1	1	24.5	24.11	-0.03	0.238	0.260
T301	UMTS B5	RMC12.2K	4182	Bottom Side	1	1	1	24.5	24.11	0.06	0.095	0.104
T302	UMTS B5	RMC12.2K	4182	Rear Face	1	1	2	24.5	24.11	-0.05	0.198	0.217
T303	UMTS B5	RMC12.2K	4182	Rear Face	1	1	3	24.5	24.11	0.07	0.262	0.287
T308	UMTS B5	RMC12.2K	4182	Front Face	2	1	1	22	21.65	0.01	0.451	0.489
T309	UMTS B5	RMC12.2K	4182	Rear Face	2	1	1	22	21.65	-0.03	<b>0.503</b>	0.545
T310	UMTS B5	RMC12.2K	4182	Left Side	2	1	1	22	21.65	-0.02	0.217	0.235
T311	UMTS B5	RMC12.2K	4182	Right Side	2	1	1	22	21.65	0.02	0.095	0.103
T312	UMTS B5	RMC12.2K	4182	Top Side	2	1	1	22	21.65	-0.04	0.354	0.384
T313	UMTS B5	RMC12.2K	4182	Rear Face	2	1	2	22	21.65	0	0.464	0.503
T314	UMTS B5	RMC12.2K	4182	Rear Face	2	1	3	22	21.65	0.04	0.497	0.539

Note: 1. The value with boldface is the maximum SAR Value of each test band.  
 2. Main antenna is bottom antenna(Ant 1), and the second antenna is top antenna(Ant 2).



Per KDB648474D04, when hotspot mode applies, product specific 10-g SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg; however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold:

Test No.	Band	Mode	CH	Test Position With 10mm	ANT	SI M	Battery	Tune up(Full power)	Measured	Drift (dB)	SAR Value (W/kg)1-g	Scaled SAR <sub>1g</sub> (W/kg)	product specific 10-g SAR Exclusion
T156	GSM850	GPRS 2TX	190	Front Face	1	1	1	31	30.07	0.02	0.321	0.398	Yes
T157	GSM850	GPRS 2TX	190	Rear Face	1	1	1	31	30.07	-0.05	<b>0.323</b>	0.400	Yes
T158	GSM850	GPRS 2TX	190	Left Side	1	1	1	31	30.07	0.04	0.282	0.349	Yes
T159	GSM850	GPRS 2TX	190	Right Side	1	1	1	31	30.07	0.01	0.318	0.394	Yes
T160	GSM850	GPRS 2TX	190	Bottom Side	1	1	1	31	30.07	-0.04	0.089	0.110	Yes
T161	GSM850	GPRS 2TX	190	Rear Face	1	1	2	31	30.07	-0.02	0.275	0.341	Yes
T162	GSM850	GPRS 2TX	190	Rear Face	1	1	3	31	30.07	-0.09	0.305	0.378	Yes
T163	GSM850	GPRS 2TX	190	Rear Face	1	2	1	31	30.07	0.09	0.314	0.389	Yes
T180	GSM850	GPRS 2TX	190	Front Face	2	1	1	31	28.6	0.02	0.339	0.589	Yes
T181	GSM850	GPRS 2TX	190	Rear Face	2	1	1	31	28.6	-0.01	<b>0.397</b>	0.690	Yes
T182	GSM850	GPRS 2TX	190	Left Side	2	1	1	31	28.6	-0.04	0.218	0.379	Yes
T183	GSM850	GPRS 2TX	190	Right Side	2	1	1	31	28.6	-0.04	0.069	0.120	Yes
T184	GSM850	GPRS 2TX	190	Top Side	2	1	1	31	28.6	0.04	0.272	0.473	Yes
T185	GSM850	GPRS 2TX	190	Rear Face	2	1	2	31	28.6	0.02	0.267	0.464	Yes
T186	GSM850	GPRS 2TX	190	Rear Face	2	1	3	31	28.6	0.01	0.231	0.401	Yes
T187	GSM850	GPRS 2TX	190	Rear Face	2	2	1	31	28.6	0.08	0.242	0.421	Yes
T204	GSM1900	GPRS 3TX	661	Front Face	1	1	1	26.5	25.93	0.02	0.605	0.690	Yes
T205	GSM1900	GPRS 3TX	661	Rear Face	1	1	1	26.5	25.93	0.07	<b>0.823</b>	0.938	Yes
T206	GSM1900	GPRS 3TX	661	Left Side	1	1	1	26.5	25.93	-0.04	0.098	0.112	Yes
T207	GSM1900	GPRS 3TX	661	Right Side	1	1	1	26.5	25.93	-0.04	0.418	0.477	Yes
T208	GSM1900	GPRS 3TX	661	Bottom Side	1	1	1	26.5	25.93	0.05	0.701	0.799	Yes
T205	GSM1900	GPRS 3TX	512	Rear Face	1	1	1	26.5	25.92	0.07	0.795	0.909	Yes
T205	GSM1900	GPRS 3TX	810	Rear Face	1	1	1	26.5	25.82	-0.02	0.763	0.892	Yes
T209	GSM1900	GPRS 3TX	661	Rear Face	1	1	2	26.5	25.93	0.03	0.659	0.751	Yes
T210	GSM1900	GPRS 3TX	661	Rear Face	1	1	3	26.5	25.93	0	0.716	0.816	Yes
T211	GSM1900	GPRS 3TX	661	Rear Face	1	2	1	26.5	25.93	0.01	0.782	0.892	Yes
T205-1	GSM1900	GPRS 3TX	661	Rear Face(1st Repeat)	1	1	1	26.5	25.93	0.05	0.811	0.925	Yes
T230	GSM1900	GPRS 2TX	661	Front Face	2	1	1	28	25.56	0.01	0.191	0.335	Yes
T231	GSM1900	GPRS 2TX	661	Rear Face	2	1	1	28	25.56	-0.06	<b>0.228</b>	0.400	Yes
T232	GSM1900	GPRS 2TX	661	Left Side	2	1	1	28	25.56	0	0.205	0.360	Yes
T233	GSM1900	GPRS 2TX	661	Right Side	2	1	1	28	25.56	0.06	0.045	0.079	Yes
T234	GSM1900	GPRS 2TX	661	Top Side	2	1	1	28	25.56	0.09	0.148	0.260	Yes
T235	GSM1900	GPRS 2TX	661	Rear Face	2	1	2	28	25.56	-0.01	0.148	0.260	Yes
T236	GSM1900	GPRS 2TX	661	Rear Face	2	1	3	28	25.56	-0.02	0.191	0.335	Yes
T237	GSM1900	GPRS 2TX	661	Rear Face	2	2	1	28	25.56	0.01	0.179	0.314	Yes
T253	UMTS B2	RMC12.2K	9400	Front Face	1	1	1	24	19.78	0.07	0.311	0.822	Yes

T254	UMTS B2	RMC12.2K	9400	Rear Face	1	1	1	24	19.78	0.08	0.432	1.142	Yes
T255	UMTS B2	RMC12.2K	9400	Left Side	1	1	1	24	19.78	0.09	0.087	0.230	Yes
T256	UMTS B2	RMC12.2K	9400	Right Side	1	1	1	24	19.78	0.07	0.205	0.542	Yes
T257	UMTS B2	RMC12.2K	9400	Bottom Side	1	1	1	24	19.78	-0.02	0.367	0.970	Yes
T258	UMTS B2	RMC12.2K	9400	Rear Face	1	1	2	24	19.78	0.04	0.415	1.097	Yes
T259	UMTS B2	RMC12.2K	9400	Rear Face	1	1	3	24	19.78	0.06	<b>0.452</b>	1.194	Yes
T264	UMTS B2	RMC12.2K	9400	Front Face	2	1	1	24	18.52	0.07	0.166	0.586	Yes
T265	UMTS B2	RMC12.2K	9400	Rear Face	2	1	1	24	18.52	-0.05	0.184	0.650	Yes
T266	UMTS B2	RMC12.2K	9400	Left Side	2	1	1	24	18.52	0.06	0.171	0.604	Yes
T267	UMTS B2	RMC12.2K	9400	Right Side	2	1	1	24	18.52	0.08	0.064	0.226	Yes
T268	UMTS B2	RMC12.2K	9400	Top Side	2	1	1	24	18.52	0.04	0.127	0.449	Yes
T269	UMTS B2	RMC12.2K	9400	Rear Face	2	1	2	24	18.52	0	<b>0.193</b>	0.682	Yes
T270	UMTS B2	RMC12.2K	9400	Rear Face	2	1	3	24	18.52	-0.01	0.157	0.554	Yes
T275	UMTS B4	RMC12.2K	1413	Front Face	1	1	1	24	21.88	0.05	0.401	0.653	Yes
T276	UMTS B4	RMC12.2K	1413	Rear Face	1	1	1	24	21.88	0.09	0.502	0.818	Yes
T277	UMTS B4	RMC12.2K	1413	Left Side	1	1	1	24	21.88	0.04	0.098	0.160	Yes
T278	UMTS B4	RMC12.2K	1413	Right Side	1	1	1	24	21.88	-0.01	0.322	0.525	Yes
T279	UMTS B4	RMC12.2K	1413	Bottom Side	1	1	1	24	21.88	0.02	0.136	0.222	Yes
T280	UMTS B4	RMC12.2K	1413	Rear Face	1	1	2	24	21.88	0.05	0.504	0.821	Yes
T281	UMTS B4	RMC12.2K	1413	Rear Face	1	1	3	24	21.88	0.03	<b>0.626</b>	1.020	Yes
T286	UMTS B4	RMC12.2K	1413	Front Face	2	1	1	24	17.32	0.05	0.080	0.372	Yes
T287	UMTS B4	RMC12.2K	1413	Rear Face	2	1	1	24	17.32	-0.05	0.103	0.480	Yes
T288	UMTS B4	RMC12.2K	1413	Left Side	2	1	1	24	17.32	-0.03	0.098	0.456	Yes
T289	UMTS B4	RMC12.2K	1413	Right Side	2	1	1	24	17.32	0.06	0.063	0.293	Yes
T290	UMTS B4	RMC12.2K	1413	Top Side	2	1	1	24	17.32	-0.01	0.087	0.405	Yes
T291	UMTS B4	RMC12.2K	1413	Rear Face	2	1	2	24	17.32	0.04	<b>0.124</b>	0.577	Yes
T292	UMTS B4	RMC12.2K	1413	Rear Face	2	1	3	24	17.32	0.02	0.116	0.540	Yes
T297	UMTS B5	RMC12.2K	4182	Front Face	1	1	1	24.5	24.11	0.04	0.186	0.203	Yes
T298	UMTS B5	RMC12.2K	4182	Rear Face	1	1	1	24.5	24.11	0.02	<b>0.273</b>	0.299	Yes
T299	UMTS B5	RMC12.2K	4182	Left Side	1	1	1	24.5	24.11	-0.01	0.092	0.101	Yes
T300	UMTS B5	RMC12.2K	4182	Right Side	1	1	1	24.5	24.11	-0.03	0.238	0.260	Yes
T301	UMTS B5	RMC12.2K	4182	Bottom Side	1	1	1	24.5	24.11	0.06	0.095	0.104	Yes
T302	UMTS B5	RMC12.2K	4182	Rear Face	1	1	2	24.5	24.11	-0.05	0.198	0.217	Yes
T303	UMTS B5	RMC12.2K	4182	Rear Face	1	1	3	24.5	24.11	0.07	0.262	0.287	Yes
T308	UMTS B5	RMC12.2K	4182	Front Face	2	1	1	24.5	21.65	0.01	0.451	0.869	Yes
T309	UMTS B5	RMC12.2K	4182	Rear Face	2	1	1	24.5	21.65	-0.03	<b>0.503</b>	0.970	Yes
T310	UMTS B5	RMC12.2K	4182	Left Side	2	1	1	24.5	21.65	-0.02	0.217	0.418	Yes
T311	UMTS B5	RMC12.2K	4182	Right Side	2	1	1	24.5	21.65	0.02	0.095	0.183	Yes
T312	UMTS B5	RMC12.2K	4182	Top Side	2	1	1	24.5	21.65	-0.04	0.354	0.682	Yes
T313	UMTS B5	RMC12.2K	4182	Rear Face	2	1	2	24.5	21.65	0	0.464	0.894	Yes
T314	UMTS B5	RMC12.2K	4182	Rear Face	2	1	3	24.5	21.65	0.04	0.497	0.958	Yes