

**2G/3G/4G Head test results**

WCDMA Band V (M1+M2)		WCDMA Band V (M1 Only)	
Test position	Left Touch	Test position	Right Touch
Spacing	0mm	Spacing	0mm
Frequency(MHz)	836.6	Frequency(MHz)	836.6
Channel	4183	Channel	4183
Measured 1g SAR(W/kg)	0.136	Measured 1g SAR(W/kg)	0.132
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 2	0.231	Auto-tune code 36	0.166
State		State	
4	0.210	11	0.139
20	0.150	27	0.069
36	0.202	43	0.052
52	0.054	59	0.118
68	0.089	75	0.152
84	0.163	91	0.128
100	0.099	107	0.011
116	0.038	123	0.058
132	0.070	139	0.075
2	0.213	36	0.166

LTE Band 26 (M1+M2)		LTE Band 26 (M1 Only)		LTE Band 12 (M1+M2)		LTE Band 12 (M1 Only)	
Test position	Right Touch	Test position	Right Touch	Test position	Left Touch	Test position	Right Touch
Spacing	0mm	Spacing	0mm	Spacing	0mm	Spacing	0mm
Frequency(MHz)	831.5	Frequency(MHz)	831.5	Frequency(MHz)	707.5	Frequency(MHz)	707.5
Channel	26865	Channel	26865	Channel	23095	Channel	23095
Measured 1g SAR(W/kg)	0.154	Measured 1g SAR(W/kg)	0.129	Measured 1g SAR(W/kg)	0.143	Measured 1g SAR(W/kg)	0.083
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 2	0.188	Auto-tune code 1	0.174	Auto-tune code 0	0.174	Auto-tune code 0	0.191
State		State		State		State	
5	0.151	10	0.133	9	0.144	2	0.130
21	0.119	26	0.019	25	0.022	18	0.124
37	0.162	42	0.080	41	0.049	34	0.010
53	0.021	58	0.119	57	0.130	50	0.105
69	0.034	74	0.147	73	0.105	66	0.099
85	0.116	90	0.108	89	0.012	82	0.151
101	0.070	106	0.017	105	0.043	98	0.012
117	0.114	122	0.091	121	0.107	114	0.034
133	0.025	138	0.073	137	0.146	130	0.123
2	0.183	1	0.151	0	0.153	0	0.166

**2G/3G/4G Head test results (Continued)**

LTE Band 13 (M1+M2)		LTE Band 13 (M1 Only)		LTE Band 14 (M1+M2)		LTE Band 14 (M1 Only)	
Test position	Right Touch	Test position	Right Touch	Test position	Right Touch	Test position	Right Touch
Spacing	0mm	Spacing	0mm	Spacing	0mm	Spacing	0mm
Frequency(MHz)	782.0	Frequency(MHz)	782.0	Frequency(MHz)	793.0	Frequency(MHz)	793.0
Channel	23230	Channel	23230	Channel	23330	Channel	23330
Measured 1g SAR(W/kg)	0.155	Measured 1g SAR(W/kg)	0.131	Measured 1g SAR(W/kg)	0.200	Measured 1g SAR(W/kg)	0.180
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 73	0.213	Auto-tune code 0	0.178	Auto-tune code 4	0.292	Auto-tune code 0	0.235
State		State		State		State	
13	0.189	1	0.132	3	0.258	8	0.037
19	0.169	29	0.098	19	0.220	24	0.091
45	0.155	30	0.097	35	0.014	40	0.219
51	0.084	61	0.022	51	0.102	56	0.190
77	0.115	62	0.011	67	0.154	72	0.208
83	0.180	93	0.132	83	0.231	88	0.043
109	0.171	94	0.124	99	0.135	104	0.092
115	0.035	125	0.014	115	0.054	120	0.194
141	0.046	126	0.136	131	0.150	136	0.129
73	0.192	0	0.16	4	0.263	0	0.222

LTE Band 71 (M1+M2)		LTE Band 71 (M1 Only)	
Test position	Right Touch	Test position	Right Touch
Spacing	0mm	Spacing	0mm
Frequency(MHz)	680.5	Frequency(MHz)	680.5
Channel	133297	Channel	133297
Measured 1g SAR(W/kg)	0.117	Measured 1g SAR(W/kg)	0.049
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 1	0.156	Auto-tune code 108	0.133
State		State	
16	0.018	7	0.010
32	0.060	23	0.079
48	0.116	39	0.081
64	0.112	55	0.123
80	0.004	71	0.004
96	0.030	87	0.033
112	0.062	103	0.077
128	0.120	119	0.125
143	0.004	135	0.109
1	0.125	108	0.128

**5G Sub6 Head test results**

NR Band n26 (M1+M2)		NR Band n26 (M1 Only)		NR Band n12 (M1+M2)		NR Band n12 (M1 Only)	
Test position	Left Touch	Test position	Right Touch	Test position	Left Touch	Test position	Right Touch
Spacing	0mm	Spacing	0mm	Spacing	0mm	Spacing	0mm
Frequency(MHz)	831.5	Frequency(MHz)	831.5	Frequency(MHz)	707.5	Frequency(MHz)	707.5
Channel	166300	Channel	166300	Channel	141500	Channel	141500
Measured 1g SAR(W/kg)	0.095	Measured 1g SAR(W/kg)	0.129	Measured 1g SAR(W/kg)	0.120	Measured 1g SAR(W/kg)	0.090
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 4	0.123	Auto-tune code 18	0.180	Auto-tune code 36	0.140	Auto-tune code 0	0.200
State		State		State		State	
15	0.055	6	0.113	12	0.109	1	0.140
31	0.060	22	0.143	28	0.065	17	0.013
47	0.088	38	0.126	44	0.011	33	0.019
63	0.048	54	0.127	60	0.035	49	0.153
79	0.026	70	0.020	76	0.070	65	0.098
95	0.057	86	0.119	92	0.099	81	0.161
111	0.091	102	0.089	108	0.109	97	0.165
127	0.076	118	0.152	124	0.015	113	0.086
143	0.005	134	0.017	140	0.028	129	0.142
4	0.107	18	0.163	36	0.122	0	0.193

NR Band n71 (M1+M2)		NR Band n71 (M1 Only)	
Test position	Right Touch	Test position	Right Touch
Spacing	0mm	Spacing	0mm
Frequency(MHz)	680.5	Frequency(MHz)	680.5
Channel	136100	Channel	136100
Measured 1g SAR(W/kg)	0.116	Measured 1g SAR(W/kg)	0.062
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 9	0.152	Auto-tune code 0	0.140
State		State	
14	0.072	7	0.008
24	0.031	27	0.108
46	0.125	39	0.076
56	0.009	59	0.070
78	0.017	71	0.004
88	0.015	91	0.126
110	0.083	103	0.079
120	0.105	123	0.027
142	0.009	135	0.118
9	0.146	0	0.134

**2G/3G/4G Body test results**

WCDMA Band V (F/O M1+M2)		WCDMA Band V (F/C M1 Only)	
Test position	Rear	Test position	Rear
Spacing	10mm	Spacing	10mm
Frequency(MHz)	836.6	Frequency(MHz)	836.6
Channel	4183	Channel	4183
Measured 1g SAR(W/kg)	0.713	Measured 1g SAR(W/kg)	0.469
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 36	1.092	Auto-tune code 9	0.767
State		State	
14	0.888	8	0.136
30	0.615	24	0.275
46	0.883	40	0.624
62	0.172	56	0.453
78	0.460	72	0.622
94	0.794	88	0.133
110	0.910	104	0.232
126	0.840	120	0.472
142	0.131	136	0.302
36	0.924	9	0.722

LTE Band 26 (F/O M1+M2)		LTE Band 26 (F/C M1 Only)		LTE Band 12 (F/O M1+M2)		LTE Band 12 (F/C M1 Only)	
Test position	Rear	Test position	Rear	Test position	Rear	Test position	R/Left
Spacing	10mm	Spacing	10mm	Spacing	10mm	Spacing	10mm
Frequency(MHz)	831.5	Frequency(MHz)	831.5	Frequency(MHz)	707.5	Frequency(MHz)	707.5
Channel	26865	Channel	26865	Channel	23095	Channel	23095
Measured 1g SAR(W/kg)	0.508	Measured 1g SAR(W/kg)	0.340	Measured 1g SAR(W/kg)	0.453	Measured 1g SAR(W/kg)	0.242
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 36	0.800	Auto-tune code 9	0.529	Auto-tune code 9	0.703	Auto-tune code 0	0.516
State		State		State		State	
4	0.603	16	0.427	11	0.571	7	0.062
20	0.577	32	0.285	27	0.546	23	0.304
36	0.740	48	0.379	43	0.040	39	0.375
52	0.207	64	0.088	59	0.321	55	0.470
68	0.341	80	0.167	75	0.282	71	0.021
84	0.616	96	0.301	91	0.560	87	0.136
100	0.375	112	0.182	107	0.041	103	0.285
116	0.140	128	0.069	123	0.132	119	0.464
132	0.276	143	0.115	139	0.445	135	0.357
		9	0.490	9	0.681	0	0.514

**2G/3G/4G Body test results (Continued)**

LTE Band 13 (F/O M1+M2)		LTE Band 13 (F/C M1 Only)		LTE Band 14 (F/O M1+M2)		LTE Band 14 (F/C M1 Only)	
Test position	Rear	Test position	R/Left	Test position	Bottom	Test position	R/Left
Spacing	10mm	Spacing	10mm	Spacing	10mm	Spacing	10mm
Frequency(MHz)	782.0	Frequency(MHz)	782.0	Frequency(MHz)	793.0	Frequency(MHz)	793.0
Channel	23230	Channel	23230	Channel	23330	Channel	23330
Measured 1g SAR(W/kg)	0.471	Measured 1g SAR(W/kg)	0.330	Measured 1g SAR(W/kg)	0.463	Measured 1g SAR(W/kg)	0.371
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 0	0.723	Auto-tune code 0	0.480	Auto-tune code 1	0.738	Auto-tune code 0	0.567
State		State		State		State	
5	0.370	15	0.099	10	0.596	6	0.275
21	0.545	31	0.169	26	0.084	22	0.340
37	0.557	47	0.386	42	0.220	38	0.479
53	0.058	63	0.191	58	0.518	54	0.249
69	0.083	79	0.075	74	0.546	70	0.032
85	0.477	95	0.161	90	0.499	86	0.286
101	0.394	111	0.437	106	0.077	102	0.198
117	0.601	127	0.355	122	0.452	118	0.353
133	0.063	143	0.008	138	0.385	134	0.032
0	0.675	0	0.447	1	0.604	0	0.524

LTE Band 71 (F/O M1+M2)		LTE Band 71 (F/C M1 Only)	
Test position	R/Left	Test position	R/Left
Spacing	10mm	Spacing	10mm
Frequency(MHz)	680.5	Frequency(MHz)	680.5
Channel	133297	Channel	133297
Measured 1g SAR(W/kg)	0.296	Measured 1g SAR(W/kg)	0.235
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 0	0.479	Auto-tune code 0	0.396
State		State	
9	0.368	12	0.309
25	0.058	28	0.279
41	0.152	44	0.023
57	0.346	60	0.111
73	0.292	76	0.245
89	0.033	92	0.285
105	0.044	108	0.312
121	0.298	124	0.049
137	0.242	140	0.181
0	0.444	0	0.367

**5G Sub6 Body test results**

NR Band n26 (F/O M1+M2)		NR Band n26 (F/C M1 Only)		NR Band n12 (F/O M1+M2)		NR Band n12 (F/C M1 Only)	
Test position	Rear	Test position	Rear	Test position	Rear	Test position	R/Left
Spacing	10mm	Spacing	10mm	Spacing	10mm	Spacing	10mm
Frequency(MHz)	831.5	Frequency(MHz)	831.5	Frequency(MHz)	707.5	Frequency(MHz)	707.5
Channel	166300	Channel	166300	Channel	141500	Channel	141500
Measured 1g SAR(W/kg)	0.510	Measured 1g SAR(W/kg)	0.352	Measured 1g SAR(W/kg)	0.322	Measured 1g SAR(W/kg)	0.271
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 36	0.894	Auto-tune code 9	0.544	Auto-tune code 18	0.526	Auto-tune code 13	0.385
State		State		State		State	
2	0.670	1	0.465	13	0.335	3	0.247
18	0.381	17	0.062	19	0.463	29	0.116
34	0.078	33	0.110	45	0.484	35	0.017
50	0.489	49	0.359	51	0.098	61	0.058
66	0.325	65	0.221	77	0.121	67	0.269
82	0.536	81	0.329	83	0.342	93	0.226
98	0.072	97	0.080	109	0.220	99	0.094
114	0.287	113	0.347	115	0.022	125	0.037
130	0.445	129	0.297	141	0.090	131	0.257
36	0.876	9	0.510	18	0.492	13	0.372

NR Band n71 (F/O M1+M2)		NR Band n71 (F/C M1 Only)	
Test position	Rear	Test position	R/Left
Spacing	10mm	Spacing	10mm
Frequency(MHz)	680.5	Frequency(MHz)	680.5
Channel	136100	Channel	136100
Measured 1g SAR(W/kg)	0.220	Measured 1g SAR(W/kg)	0.125
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 0	0.354	Auto-tune code 0	0.310
State		State	
4	0.168	7	0.015
32	0.164	27	0.187
36	0.313	39	0.141
64	0.277	59	0.132
68	0.152	71	0.009
96	0.084	91	0.247
100	0.271	103	0.152
128	0.293	123	0.053
132	0.080	135	0.230
0	0.327	0	0.262

**-END-**