

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

WCDMA Band V (M1 Only)		WCDMA Band V (M1+M2)		LTE Band 5 (M1 Only)		LTE Band 5 (M1+M2)		LTE Band 26 (M1 Only)		LTE Band 26 (M1+M2)	
Test position	Right Touch	Test position	Right Touch	Test position	Right Touch		Right Touch	Test position	Right Touch	Test position	Right Touch
Spacing	0mm	Spacing	0mm	Spacing	0mm	Spacing	0mm	Spacing	0mm	Spacing	0mm
Frequency(MHz)	836.6	Frequency(MHz)	836.6	Frequency(MHz)	836.5	Frequency(MHz)	836.5	Frequency(MHz)	831.5	Frequency(MHz)	831.5
Channel	4183	Channel	4183	Channel	20525	Channel	20525	Channel	26865	Channel	26865
Measured 1g SAR(W/kg)	0.126	Measured 1g SAR(W/kg)	0.115	Measured 1g SAR(W/kg)	0.112	Measured 1g SAR(W/kg)	0.121	Measured 1g SAR(W/kg)	0.104	Measured 1g SAR(W/kg)	0.119
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)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 63	0.142	Auto-tune code 10	0.131	Auto-tune code 20	0.116	Auto-tune code 0	0.121	Auto-tune code 99	0.133	Auto-tune code 0	0.128
State		State		State		State		State		State	
11	0.108	13	0.111	7	0.023	42	0.035	1	0.126	5	0.071
27	0.133	19	0.120	20	0.111	51	0.054	99	0.131	8	0.011
63	0.139	25	0.023	38	0.101	83	0.109	26	0.020	21	0.116
43	0.026	29	0.100	48	0.110	115	0.013	42	0.044	23	0.100
59	0.104	45	0.106	71	0.012	116	0.006	58	0.113	24	0.059
75	0.101	61	0.025	87	0.047	117	0.114	74	0.103	37	0.105
91	0.133	77	0.053	102	0.092	127	0.105	90	0.120	39	0.090
107	0.013	93	0.101	127	0.109	140	0.057	106	0.019	55	0.119
123	0.052	109	0.087	133	0.023	112	0.062	122	0.085	69	0.038
139	0.095	125	0.012	143	0.010	113	0.047	138	0.089	79	0.014
		137	0.095	63	0.092	120	0.096			94	0.096
		141	0.029	27	0.088	103	0.077			129	0.098
		95	0.078			0	0.120			119	0.104
		10	0.123							0	0.127

LTE Band 12 (M1 Only)		LTE Band 12 (M1+M2)		LTE Band 13 (M1 Only)		LTE Band 13 (M1+M2)	
Test position	Right Touch	Test position	Left Touch	Test position	Right Touch	Test position	Right Touch
Spacing	0mm	Spacing	0mm	Spacing	0mm	Spacing	0mm
Frequency(MHz)	707.5	Frequency(MHz)	707.5	Frequency(MHz)	782.0	Frequency(MHz)	782.0
Channel	23095	Channel	23095	Channel	23230	Channel	23230
Measured 1g SAR(W/kg)	0.135	Measured 1g SAR(W/kg)	0.154	Measured 1g SAR(W/kg)	0.096	Measured 1g SAR(W/kg)	0.118
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 84	0.139	Auto-tune code 27	0.179	Auto-tune code 56	0.134	Auto-tune code 2	0.118
State		State		State		State	
2	0.112	9	0.146	0	0.046	13	0.088
18	0.133	25	0.012	1	0.041	19	0.092
33	0.009	41	0.091	29	0.058	45	0.092
50	0.073	57	0.124	30	0.059	51	0.029
66	0.064	73	0.135	61	0.005	77	0.059
82	0.132	89	0.005	78	0.002	83	0.098
84	0.136	105	0.009	93	0.040	108	0.095
98	0.003	121	0.110	100	0.054	115	0.013
114	0.030	137	0.084	125	0.000	141	0.012
130	0.086	27	0.167	126	0.054	121	0.074
135	0.082			56	0.131	2	0.104

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

WCDMA Band V (F/C M1 Only)		WCDMA Band V (F/O M1+M2)		LTE Band 5 (F/C M1 Only)		LTE Band 5 (F/O M1+M2)		LTE Band 26 (F/C M1 Only)		LTE Band 26 (F/O M1+M2)	
Test position	Rear	Test position	Rear	Test position	Rear	Test position	Rear	Test position	Rear	Test position	Rear
Spacing	10mm	Spacing	10mm	Spacing	10mm	Spacing	10mm	Spacing	10mm	Spacing	10mm
Frequency(MHz)	836.6	Frequency(MHz)	836.6	Frequency(MHz)	836.5	Frequency(MHz)	836.5	Frequency(MHz)	831.5	Frequency(MHz)	831.5
Channel	4183	Channel	4183	Channel	20525	Channel	20525	Channel	26865	Channel	26865
Measured 1g SAR(W/kg)	0.376	Measured 1g SAR(W/kg)	0.557	Measured 1g SAR(W/kg)	0.360	Measured 1g SAR(W/kg)	0.567	Measured 1g SAR(W/kg)	0.364	Measured 1g SAR(W/kg)	0.503
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)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 9	0.450	Auto-tune code 63	0.628	Auto-tune code 99	0.455	Auto-tune code 63	0.683	Auto-tune code 99	0.445	Auto-tune code 0	0.607
State		State		State		State		State		State	
8	0.37	14	0.460	99	0.450	4	0.625	9	0.339	4	0.502
9	0.437	41	0.347	32	0.302	20	0.451	10	0.210	52	0.085
24	0.178	46	0.604	48	0.449	38	0.601	16	0.063	68	0.172
40	0.281	62	0.096	64	0.289	52	0.099	26	0.034	74	0.524
56	0.300	78	0.182	80	0.041	63	0.681	32	0.144	87	0.136
63	0.381	94	0.470	96	0.127	73	0.101	57	0.220	89	0.039
72	0.302	110	0.431	108	0.305	105	0.546	58	0.215	90	0.327
88	0.072	126	0.548	112	0.226	106	0.040	64	0.181	100	0.218
104	0.168	138	0.394	128	0.307	116	0.079	96	0.091	121	0.324
120	0.283	142	0.076	143	0.026	132	0.083	128	0.217	132	0.080
136	0.256	63	0.613	20	0.297			99	0.385	0	0.607
										99	0.591

LTE Band 12 (F/C M1 Only)		LTE Band 12 (F/O M1+M2)		LTE Band 13 (F/C M1 Only)		LTE Band 13 (F/O M1+M2)	
Test position	R/Left	Test position	Rear	Test position	Left	Test position	Rear
Spacing	10mm	Spacing	10mm	Spacing	10mm	Spacing	10mm
Frequency(MHz)	707.5	Frequency(MHz)	707.5	Frequency(MHz)	782.0	Frequency(MHz)	782.0
Channel	23095	Channel	23095	Channel	23230	Channel	23230
Measured 1g SAR(W/kg)	0.336	Measured 1g SAR(W/kg)	0.310	Measured 1g SAR(W/kg)	0.256	Measured 1g SAR(W/kg)	0.285
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 84	0.368	Auto-tune code 9	0.407	Auto-tune code 56	0.288	Auto-tune code 9	0.387
State		State		State		State	
7	0.048	11	0.386	14	0.157	0	0.292
23	0.139	27	0.114	30	0.147	5	0.161
39	0.252	43	0.025	47	0.221	21	0.198
55	0.315	59	0.169	62	0.158	37	0.277
71	0.310	75	0.147	79	0.040	53	0.023
84	0.365	91	0.286	95	0.121	69	0.062
103	0.133	107	0.024	111	0.226	85	0.215
119	0.355	123	0.084	123	0.054	101	0.228
135	0.274	139	0.176	133	0.022	117	0.302
140	0.068	88	0.040	142	0.012	133	0.027
		9	0.402	56	0.273	2	0.289
						9	0.351

**5G Sub6 Head test results**

NR Band n5 (M1 Only)		NR Band n5 (M1+M2)	
Test position	Left Touch	Test position	Right Tilt
Spacing	0mm	Spacing	0mm
Frequency(MHz)	836.5	Frequency(MHz)	836.5
Channel	167300	Channel	167300
Measured 1g SAR(W/kg)	0.085	Measured 1g SAR(W/kg)	0.300
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 63	0.098	Auto-tune code 47	0.387
State		State	
4	0.059	34	0.339
17	0.094	47	0.375
33	0.021	53	0.341
49	0.078	40	0.354
65	0.060	46	0.364
81	0.089	68	0.357
97	0.012	72	0.361
109	0.096	80	0.346
111	0.084	85	0.368
128	0.083	101	0.367
63	0.097	104	0.346
		110	0.358

**5G Sub6 Body test results**

NR Band n5 (F/C M1 Only)		NR Band n5 (F/O M1+M2)	
Test position	Rear	Test position	Rear
Spacing	10mm	Spacing	10mm
Frequency(MHz)	836.5	Frequency(MHz)	836.5
Channel	167300	Channel	167300
Measured 1g SAR(W/kg)	0.326	Measured 1g SAR(W/kg)	0.412
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 0	0.389	Auto-tune code 0	0.519
State		State	
1	0.160	2	0.495
17	0.026	18	0.374
33	0.031	34	0.036
49	0.191	50	0.259
65	0.133	63	0.348
81	0.198	66	0.189
97	0.027	82	0.330
102	0.144	98	0.034
113	0.125	114	0.164
129	0.107	122	0.222
0	0.388	130	0.339
63	0.236	0	0.505

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