

**3G/4G/5G 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 12 (M1 Only)		LTE Band 12 (M1+M2)	
Test position	Left Touch	Test position	Right Touch	Test position	Right Touch	Test position	Right Touch	Test position	Right Touch	Test position	Right Touch
Spacing	0	Spacing	0	Spacing	0	Spacing	0	Spacing	0	Spacing	0
Frequency(MHz)	836.6	Frequency(MHz)	836.6	Frequency(MHz)	836.5	Frequency(MHz)	836.5	Frequency(MHz)	707.5	Frequency(MHz)	707.5
Channel	4183	Channel	4183	Channel	20525	Channel	20525	Channel	23095	Channel	23095
Measured 1g SAR(W/kg)	0.118	Measured 1g SAR(W/kg)	0.154	Measured 1g SAR(W/kg)	0.140	Measured 1g SAR(W/kg)	0.183	Measured 1g SAR(W/kg)	0.129	Measured 1g SAR(W/kg)	0.216
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 58 [8D 25]	0.121	Auto-tune code 2 [99 2A]	0.167	Auto-tune code 9 [60 2A]	0.151	Auto-tune code 109 [9F 16]	0.194	Auto-tune code 31 [4D 29]	0.135	Auto-tune code 9 [60 2A]	0.216
State		State		State		State		State		State	
5	0.033	11	0.101	0	0.149	6	0.058	4	0.069	7	0.011
15	0.070	20	0.092	22	0.102	21	0.149	12	0.129	23	0.122
35	0.069	28	0.052	29	0.059	24	0.062	30	0.116	31	0.149
42	0.065	36	0.148	44	0.030	40	0.129	37	0.097	38	0.109
52	0.011	53	0.006	50	0.088	49	0.142	57	0.122	59	0.114
66	0.038	71	0.001	69	0.014	62	0.015	63	0.033	64	0.184
80	0.014	79	0.075	82	0.118	76	0.113	77	0.014	81	0.209
93	0.065	85	0.090	91	0.107	90	0.153	87	0.042	86	0.104
97	0.006	99	0.052	107	0.120	100	0.112	104	0.064	102	0.152
115	0.023	114	0.069	118	0.113	117	0.162	116	0.002	119	0.170
125	0.003	131	0.051	127	0.108	120	0.020	128	0.037	121	0.134
135	0.042	140	0.022	133	0.010	133	0.020	132	0.113	139	0.128
58	0.075	2	0.166	9	0.150	109	0.193	31	0.134	9	0.212

LTE Band 13 (M1 Only)		LTE Band 13 (M1+M2)		LTE Band 26 (M1 Only)		LTE Band 26 (M1+M2)		NR Band n5 (M1 Only)		NR Band n5 (M1+M2)	
Test position	Right Touch	Test position	Right Touch	Test position	Right Touch	Test position	Right Touch	Test position	Right Touch	Test position	Right Touch
Spacing	0	Spacing	0	Spacing	0	Spacing	0	Spacing	0	Spacing	0
Frequency(MHz)	782.0	Frequency(MHz)	782.0	Frequency(MHz)	831.5	Frequency(MHz)	831.5	Frequency(MHz)	836.5	Frequency(MHz)	836.5
Channel	23230	Channel	23230	Channel	26865	Channel	26865	Channel	167300	Channel	167300
Measured 1g SAR(W/kg)	0.093	Measured 1g SAR(W/kg)	0.129	Measured 1g SAR(W/kg)	0.138	Measured 1g SAR(W/kg)	0.145	Measured 1g SAR(W/kg)	0.143	Measured 1g SAR(W/kg)	0.165
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 0 [A0 2A]	0.098	Auto-tune code 45 [60 26]	0.135	Auto-tune code 49 [4D 26]	0.150	Auto-tune code 109 [9F 16]	0.153	Auto-tune code 10 [5F 2A]	0.144	Auto-tune code 73 [9F 1A]	0.175
State		State		State		State		State		State	
8	0.008	1	0.114	10	0.101	9	0.123	3	0.126	2	0.143
13	0.026	16	0.020	18	0.075	14	0.108	19	0.142	17	0.015
33	0.061	26	0.011	27	0.044	32	0.062	25	0.025	34	0.016
41	0.054	44	0.007	46	0.105	43	0.029	39	0.119	47	0.146
51	0.040	56	0.124	55	0.096	58	0.117	54	0.141	48	0.136
61	0.018	65	0.109	68	0.030	67	0.076	60	0.045	70	0.014
74	0.089	75	0.077	78	0.073	72	0.133	73	0.128	83	0.139
94	0.095	88	0.016	84	0.099	92	0.127	89	0.010	95	0.082
106	0.008	96	0.032	101	0.052	105	0.019	98	0.009	103	0.088
111	0.071	108	0.133	109	0.077	113	0.079	110	0.114	112	0.085
122	0.070	129	0.101	130	0.054	123	0.038	124	0.017	126	0.126
133	0.014	133	0.014	136	0.098	142	0.007	134	0.007	136	0.113
0	0.097	45	0.134	49	0.108	109	0.146	10	0.143	73	0.151

**3G/4G/5G 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 12 F/C (M1 Only)		LTE Band 12 F/O (M1+M2)	
Test position	Rear	Test position	Rear	Test position	Rear	Test position	Rear	Test position	Right	Test position	Front
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)	707.5	Frequency(MHz)	707.5
Channel	4183	Channel	4183	Channel	20525	Channel	20525	Channel	23095	Channel	23095
Measured 1g SAR(W/kg)	0.413	Measured 1g SAR(W/kg)	0.687	Measured 1g SAR(W/kg)	0.386	Measured 1g SAR(W/kg)	0.658	Measured 1g SAR(W/kg)	0.265	Measured 1g SAR(W/kg)	0.390
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 36 [A0 26]	0.415	Auto-tune code 108 [A0 16]	0.766	Auto-tune code 9 [60 2A]	0.426	Auto-tune code 0 [A0 2A]	0.690	Auto-tune code 30 [51 29]	0.298	Auto-tune code 30 [51 29]	0.428
State		State		State		State		State		State	
4	0.403	11	0.592	7	0.106	8	0.101	10	0.223	3	0.146
14	0.087	23	0.461	16	0.039	17	0.065	22	0.248	15	0.099
33	0.034	25	0.104	35	0.007	27	0.284	30	0.275	29	0.390
38	0.133	36	0.742	42	0.197	45	0.499	47	0.268	40	0.109
50	0.072	52	0.110	55	0.247	58	0.466	54	0.022	57	0.284
68	0.076	62	0.051	66	0.135	71	0.022	63	0.288	64	0.390
82	0.163	79	0.162	76	0.390	74	0.557	77	0.059	72	0.273
95	0.060	87	0.196	94	0.209	85	0.471	84	0.214	86	0.167
96	0.009	97	0.077	100	0.149	105	0.076	102	0.250	106	0.045
118	0.025	119	0.615	111	0.399	115	0.100	108	0.241	116	0.006
130	0.082	128	0.570	127	0.262	126	0.519	121	0.177	120	0.242
140	0.059	134	0.036	135	0.165	141	0.068	138	0.244	143	0.023
36	0.411	108	0.746	9	0.411	0	0.636	30	0.290	30	0.409

LTE Band 13 F/C (M1 Only)		LTE Band 13 F/O (M1+M2)		LTE Band 26 F/C (M1 Only)		LTE Band 26 F/O (M1+M2)		NR Band n5 F/C (M1 Only)		NR Band n5 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)	782.0	Frequency(MHz)	782.0	Frequency(MHz)	831.5	Frequency(MHz)	831.5	Frequency(MHz)	167300.0	Frequency(MHz)	167300
Channel	23230	Channel	23230	Channel	26865	Channel	26865	Channel	836.5	Channel	836.5
Measured 1g SAR(W/kg)	0.235	Measured 1g SAR(W/kg)	0.331	Measured 1g SAR(W/kg)	0.366	Measured 1g SAR(W/kg)	0.594	Measured 1g SAR(W/kg)	0.312	Measured 1g SAR(W/kg)	0.515
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 94 [8D 19]	0.259	Auto-tune code 29 [60 29]	0.366	Auto-tune code 9 [60 2A]	0.438	Auto-tune code 0 [A0 2A]	0.657	Auto-tune code 10 [5F 2A]	0.382	Auto-tune code 108 [A0 16]	0.566
State		State		State		State		State		State	
6	0.117	9	0.297	0	0.370	5	0.520	2	0.355	1	0.486
21	0.120	12	0.179	13	0.332	18	0.442	19	0.336	20	0.388
34	0.013	31	0.203	24	0.118	28	0.325	26	0.035	32	0.201
39	0.087	37	0.167	44	0.041	41	0.494	43	0.073	46	0.428
49	0.094	56	0.203	59	0.234	51	0.211	53	0.036	48	0.434
65	0.165	61	0.018	69	0.058	60	0.183	70	0.031	67	0.234
83	0.125	80	0.004	75	0.330	73	0.630	81	0.353	78	0.219
89	0.004	91	0.204	92	0.336	93	0.497	88	0.053	90	0.379
104	0.065	99	0.328	98	0.022	107	0.014	101	0.271	103	0.218
117	0.191	109	0.140	113	0.220	114	0.235	112	0.267	110	0.426
123	0.018	124	0.014	129	0.297	122	0.375	131	0.200	125	0.048
133	0.007	137	0.228	132	0.107	136	0.336	139	0.179	142	0.028
49	0.210	29	0.338	9	0.392	0	0.643	10	0.358	108	0.510

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