

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	Right Touch	Test position	Left Touch	Test position	Right Touch	Test position	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)	707.5	Frequency(MHz)	707.5
Channel	4183	Channel	4183	Channel	20525	Channel	20525	Channel	23095	Channel	23095
Measured 1g SAR(W/kg)	0.144	Measured 1g SAR(W/kg)	0.167	Measured 1g SAR(W/kg)	0.159	Measured 1g SAR(W/kg)	0.196	Measured 1g SAR(W/kg)	0.127	Measured 1g SAR(W/kg)	0.181
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 [60 2A]	0.138	Auto-tune code 0 [A0 2A]	0.101	Auto-tune code 45 [60 26]	0.115	Auto-tune code 1 [9F 2A]	0.172	Auto-tune code 32 [48 29]	0.202	Auto-tune code 108 [A0 16]	0.225
State		State		State		State		State		State	
Default code (37)	0.077	Default code (37)	0.076	Default code (37)	0.102	Default code (37)	0.121	Default code (9)	0.124	Default code (9)	0.158
2	0.133	5	0.009	6	0.062	0	0.140	8	0.004	1	0.139
13	0.072	10	0.038	19	0.061	14	0.078	16	0.028	15	0.062
21	0.068	23	0.035	26	0.086	22	0.083	27	0.138	24	0.061
33	0.005	35	0.032	34	0.000	30	0.044	38	0.109	31	0.144
45	0.032	48	0.003	47	0.073	43	0.045	49	0.146	44	0.004
58	0.074	52	0.005	54	0.000	51	0.031	55	0.007	50	0.116
60	0.061	63	0.064	68	0.022	67	0.038	61	0.026	62	0.014
73	0.083	72	0.015	79	0.020	71	0.064	70	0.026	74	0.103
81	0.100	80	0.041	82	0.088	85	0.085	83	0.053	87	0.051
94	0.071	99	0.021	95	0.042	90	0.094	96	0.052	91	0.188
106	0.001	105	0.005	100	0.042	108	0.150	101	0.168	104	0.095
113	0.086	114	0.035	112	0.015	111	0.141	115	0.008	116	0.001
122	0.051	127	0.066	128	0.077	129	0.083	121	0.018	120	0.152
135	0.054	131	0.026	136	0.042	137	0.050	134	0.134	133	0.022
141	0.005	142	0.077	140	0.015	143	0.137	32	0.185	108	0.214
9	0.136	0	0.098	45	0.103	1	0.153				

LTE Band 13 (M1 Only)		LTE Band 13 (M1+M2)		NR Band n5 (M1 Only)		NR Band n5 (M1+M2)	
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)	782.0	Frequency(MHz)	782.0	Frequency(MHz)	836.5	Frequency(MHz)	836.5
Channel	23230	Channel	23230	Channel	167300	Channel	167300
Measured 1g SAR(W/kg)	0.130	Measured 1g SAR(W/kg)	0.196	Measured 1g SAR(W/kg)	0.119	Measured 1g SAR(W/kg)	0.155
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 129 [91 15]	0.167	Auto-tune code 0 [A0 2A]	0.217	Auto-tune code 109 [9F 16]	0.134	Auto-tune code 108 [A0 16]	0.127
State		State		State		State	
Default code (27)	0.119	Default code (27)	0.111	Default code (37)	0.128	Default code (37)	0.122
7	0.027	3	0.151	7	0.039	4	0.117
18	0.144	11	0.183	9	0.068	12	0.070
29	0.119	20	0.078	17	0.006	25	0.010
37	0.150	32	0.096	28	0.041	36	0.118
40	0.128	46	0.200	39	0.067	41	0.104
53	0.015	59	0.123	42	0.066	56	0.064
66	0.117	65	0.144	57	0.070	64	0.033
75	0.126	78	0.056	69	0.006	76	0.111
86	0.108	89	0.013	77	0.096	88	0.006
98	0.011	97	0.013	84	0.072	92	0.062
107	0.004	102	0.158	93	0.064	103	0.022
110	0.141	118	0.193	119	0.085	117	0.076
125	0.142	126	0.177	124	0.006	123	0.014
132	0.045	130	0.143	138	0.073	139	0.020
129	0.165	0	0.202	109	0.131	108	0.125

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	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)	707.5	Frequency(MHz)	707.5
Channel	4183	Channel	4183	Channel	20525	Channel	20525	Channel	23095	Channel	23095
Measured 1g SAR(W/kg)	0.380	Measured 1g SAR(W/kg)	0.858	Measured 1g SAR(W/kg)	0.402	Measured 1g SAR(W/kg)	0.639	Measured 1g SAR(W/kg)	0.280	Measured 1g SAR(W/kg)	0.519
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 45 [60 26]	0.423	Auto-tune code 36 [A0 26]	0.738	Auto-tune code 45 [60 26]	0.465	Auto-tune code 108 [A0 16]	0.681	Auto-tune code 122 [48 16]	0.421	Auto-tune code 0 [A0 2A]	0.721
State		State		State		State		State		State	
Default code (37)	0.412	Default code (36)	0.738	Default code (37)	0.253	Default code (36)	0.65	Default code (9)	0.348	Default code (9)	0.582
0	0.377	1	0.722	2	0.113	3	0.637	4	0.208	5	0.318
10	0.249	11	0.590	12	0.194	13	0.129	14	0.256	15	0.274
29	0.126	28	0.331	27	0.111	26	0.057	25	0.058	24	0.232
30	0.118	31	0.300	32	0.125	33	0.092	34	0.033	35	0.232
49	0.233	48	0.576	47	0.194	46	0.537	45	0.212	44	0.051
50	0.184	51	0.284	52	0.036	53	0.059	54	0.331	55	0.666
60	0.071	61	0.106	62	0.009	63	0.285	64	0.342	65	0.413
79	0.095	78	0.266	77	0.181	76	0.535	75	0.202	74	0.494
80	0.052	81	0.614	82	0.064	83	0.539	84	0.332	85	0.649
99	0.142	98	0.046	97	0.026	96	0.154	95	0.218	94	0.468
100	0.128	101	0.321	102	0.110	103	0.220	104	0.171	105	0.063
119	0.237	118	0.618	117	0.063	116	0.079	115	0.024	114	0.130
120	0.092	121	0.506	122	0.156	123	0.161	124	0.048	125	0.054
139	0.081	138	0.278	137	0.063	136	0.161	135	0.333	134	0.045
140	0.016	141	0.068	142	0.008	143	0.013	122	0.387	0	0.691
45	0.414	36	0.738	45	0.259	108	0.680				

LTE Band 13 F/C (M1 Only)		LTE Band 13 F/O (M1+M2)		NR Band n5 F/C (M1 Only)		NR Band n5 F/O (M1+M2)	
Test position	Right	Test position	Rear	Test position	Rear	Test position	Rear
Spacing	10mm	Spacing	10mm	Spacing	10mm	Spacing	10mm
Frequency(MHz)	782.0	Frequency(MHz)	782.0	Frequency(MHz)	836.5	Frequency(MHz)	836.5
Channel	23230	Channel	23230	Channel	167300	Channel	167300
Measured 1g SAR(W/kg)	0.339	Measured 1g SAR(W/kg)	0.628	Measured 1g SAR(W/kg)	0.389	Measured 1g SAR(W/kg)	0.572
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 129 [91 15]	0.436	Auto-tune code 99 [60 19]	0.615	Auto-tune code 9 [60 2A]	0.386	Auto-tune code 36 [A0 26]	0.606
State		State		State		State	
Default code (27)	0.214	Default code (27)	0.601	Default code (37)	0.36	Default code (36)	0.585
6	0.199	7	0.030	8	0.056	9	0.196
16	0.166	17	0.028	18	0.174	19	0.172
23	0.063	22	0.372	21	0.189	20	0.165
36	0.063	37	0.334	38	0.356	39	0.111
43	0.083	42	0.059	41	0.294	40	0.098
56	0.343	57	0.377	58	0.169	59	0.078
66	0.203	67	0.434	68	0.065	69	0.042
73	0.296	72	0.385	71	0.006	70	0.022
86	0.227	87	0.086	88	0.024	89	0.009
93	0.306	92	0.382	91	0.200	90	0.197
106	0.020	107	0.029	108	0.190	109	0.198
113	0.231	112	0.169	111	0.331	110	0.110
126	0.360	127	0.388	128	0.191	129	0.102
133	0.039	132	0.078	131	0.101	130	0.336
129	0.394	99	0.609	9	0.367	36	0.585

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