

3G/4G/5G Head test results

WCDMA Band V		LTE Band 5		LTE Band 12		LTE Band 13		NR Band n5	
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
Frequency(MHz)	836.6	Frequency(MHz)	836.5	Frequency(MHz)	707.5	Frequency(MHz)	782.0	Frequency(MHz)	836.5
Channel	4183	Channel	20525	Channel	23095	Channel	23230	Channel	167300
Measured 1g SAR(W/kg)	0.234	Measured 1g SAR(W/kg)	0.235	Measured 1g SAR(W/kg)	0.119	Measured 1g SAR(W/kg)	0.200	Measured 1g SAR(W/kg)	0.166
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 136 (7F 2A)	0.228	Auto-tune code 136 (7F 2A)	0.239	Auto-tune code 136 (7F 2A)	0.122	Auto-tune code 137 (7F 29)	0.197	Auto-tune code 136 (7F 2A)	0.173
State		State		State		State		State	
0	0.208	0	0.234	0	0.106	0	0.164	0	0.167
7	0.157	6	0.197	2	0.104	4	0.163	5	0.136
8	0.143	9	0.157	10	0.062	16	0.167	13	0.032
14	0.033	12	0.077	15	0.011	19	0.148	18	0.133
25	0.108	27	0.087	22	0.081	32	0.104	24	0.097
26	0.089	30	0.034	33	0.080	43	0.072	53	0.052
31	0.015	37	0.187	41	0.055	49	0.086	64	0.151
36	0.176	39	0.174	48	0.071	52	0.078	76	0.021
44	0.179	45	0.034	54	0.045	65	0.109	81	0.054
57	0.043	55	0.073	60	0.012	68	0.105	86	0.039
61	0.010	58	0.043	79	0.002	69	0.103	90	0.017
62	0.006	42	0.107	85	0.037	72	0.088	95	0.000
93	0.008	56	0.064	103	0.079	83	0.063	105	0.076
99	0.148	73	0.117	94	0.004	97	0.136	111	0.007
106	0.084	87	0.057	104	0.073	117	0.112	120	0.073
113	0.136	98	0.178	109	0.024	114	0.120	127	0.005
130	0.169	102	0.159	115	0.081	122	0.076	133	0.092
137	0.195	108	0.059	124	0.027	112	0.133	138	0.151
141	0.104	112	0.185	134	0.082	125	0.036	142	0.143
136	0.214	136	0.237	136	0.117	137	0.173	136	0.168

LTE Band 2		LTE Band 66		NR Band n66	
Test position	Left Touch	Test position	Left Touch	Test position	Left Touch
Spacing	0	Spacing	0	Spacing	0
Frequency(MHz)	1860.0	Frequency(MHz)	1745.0	Frequency(MHz)	1745.0
Channel	18700	Channel	132322	Channel	349000
Measured 1g SAR(W/kg)	0.141	Measured 1g SAR(W/kg)	0.215	Measured 1g SAR(W/kg)	0.200
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code 10 (47 2A)	0.151	Auto-tune code 32 (60 26)	0.222	Auto-tune code 32 (60 26)	0.216
State		State		State	
0	0.129	0	0.185	0	0.205
3	0.133	17	0.115	20	0.122
11	0.138	29	0.038	28	0.050
21	0.098	46	0.085	35	0.197
23	0.100	50	0.000	38	0.192
34	0.107	63	0.000	47	0.051
40	0.113	75	0.097	59	0.000
51	0.000	80	0.000	67	0.155
66	0.122	91	0.000	70	0.147
71	0.117	100	0.004	74	0.120
78	0.053	107	0.000	77	0.068
84	0.000	116	0.001	82	0.000
88	0.000	119	0.001	92	0.000
89	0.000	121	0.000	111	0.000
96	0.000	128	0.189	118	0.003
101	0.000	129	0.127	126	0.000
110	0.000	132	0.150	135	0.008
123	0.000	139	0.000	136	0.193
131	0.000	140	0.149	143	0.009
10	0.144	32	0.218	32	0.210

3G/4G/5G Body test results

WCDMA Band V		LTE Band 5		LTE Band 12		LTE Band 13		NR Band n5	
Test position	Rear	Test position	Rear	Test position	Rear	Test position	Rear	Test position	Rear
Spacing	10	Spacing	10	Spacing	10	Spacing	10	Spacing	10
Frequency(MHz)	836.6	Frequency(MHz)	836.5	Frequency(MHz)	707.5	Frequency(MHz)	782.0	Frequency(MHz)	836.5
Channel	4183	Channel	20525	Channel	23095	Channel	23230	Channel	167300
Measured 1g SAR(W/kg)	0.380	Measured 1g SAR(W/kg)	0.477	Measured 1g SAR(W/kg)	0.303	Measured 1g SAR(W/kg)	0.408	Measured 1g SAR(W/kg)	0.594
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 16(60 29)	0.396	Auto-tune code 136 (7F 2A)	0.523	Auto-tune code 136 (7F 2A)	0.351	Auto-tune code 0 (60 2A)	0.503	Auto-tune code 136 (7F 2A)	0.650
State		State		State		State		State	
0	0.377	0	0.275	0	0.339	5	0.463	0	0.589
2	0.354	7	0.411	4	0.308	14	0.123	6	0.493
9	0.240	10	0.294	13	0.087	22	0.410	16	0.569
11	0.176	19	0.226	15	0.037	32	0.299	28	0.144
18	0.336	21	0.194	24	0.204	40	0.329	35	0.485
26	0.173	27	0.111	31	0.030	44	0.140	43	0.193
33	0.317	36	0.208	42	0.120	56	0.211	48	0.371
39	0.305	45	0.040	53	0.144	62	0.044	51	0.257
47	0.024	57	0.069	63	0.015	71	0.279	58	0.116
54	0.147	66	0.204	72	0.167	77	0.076	60	0.061
59	0.063	69	0.187	81	0.147	86	0.189	65	0.494
84	0.135	76	0.043	87	0.101	93	0.049	78	0.042
95	0.009	89	0.053	91	0.053	96	0.401	85	0.185
105	0.202	94	0.012	99	0.288	101	0.399	98	0.433
110	0.050	97	0.195	100	0.269	106	0.296	108	0.139
121	0.157	107	0.095	104	0.220	114	0.396	109	0.104
126	0.041	116	0.167	115	0.232	123	0.199	112	0.372
127	0.024	131	0.149	129	0.314	134	0.412	125	0.087
132	0.304	138	0.171	141	0.194	140	0.416	137	0.555
16	0.392	136	0.493	136	0.349	0	0.502	136	0.610

LTE Band 2		LTE Band 66		NR Band n66	
Test position	Bottom	Test position	Bottom	Test position	Bottom
Spacing	10	Spacing	10	Spacing	10
Frequency(MHz)	1900.0	Frequency(MHz)	1770.0	Frequency(MHz)	1745.0
Channel	19100	Channel	132572	Channel	349000
Measured 1g SAR(W/kg)	0.819	Measured 1g SAR(W/kg)	0.759	Measured 1g SAR(W/kg)	0.596
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 (4A 2A)	0.986	Auto-tune code 32 (60 26)	0.887	Auto-tune code 0 (60 2A)	0.748
State		State		State	
0	0.845	0	0.866	1	0.620
12	0.875	3	0.809	8	0.583
20	0.753	17	0.596	25	0.454
29	0.421	23	0.517	37	0.654
34	0.754	30	0.185	38	0.613
46	0.886	41	0.821	49	0.146
55	0.011	52	0.026	50	0.148
61	0.010	64	0.687	67	0.481
70	0.750	73	0.601	68	0.562
75	0.828	79	0.164	74	0.416
88	0.702	83	0.021	80	0.151
92	0.005	90	0.010	82	0.111
103	0.023	102	0.041	94	0.008
111	0.009	111	0.006	100	0.257
119	0.018	120	0.027	113	0.229
122	0.011	128	0.819	117	0.209
130	0.675	135	0.046	118	0.195
133	0.006	139	0.019	124	0.087
143	0.020	142	0.045	136	0.559
9	0.934	32	0.883	0	0.705

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