

3G/4G/5G Head test results

WCDMA Band V		LTE Band 5		LTE Band 12		LTE Band 13		LTE Band 14		LTE Band 26		LTE Band 71	
Test position	Right Touch	Test position	Right Touch	Test position	Left Touch	Test position	Left Touch	Test position	Right Touch	Test position	Right Touch	Test position	Left Touch
Spacing	0	Spacing	0	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)	793.0	Frequency(MHz)	831.5	Frequency(MHz)	680.5
Channel	4183	Channel	20525	Channel	23095	Channel	23230	Channel	23330	Channel	26865	Channel	133297
Measured 1g SAR(W/kg)	0.177	Measured 1g SAR(W/kg)	0.199	Measured 1g SAR(W/kg)	0.125	Measured 1g SAR(W/kg)	0.121	Measured 1g SAR(W/kg)	0.175	Measured 1g SAR(W/kg)	0.189	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)		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	0.178	Auto-tune code 136	0.203	Auto-tune code 136	0.141	Auto-tune code 136	0.133	Auto-tune code 136	0.184	Auto-tune code 136	0.195	Auto-tune code 136	0.161
State		State		State		State		State		State		State	
0	0.165	0	0.192	0	0.133	0	0.128	0	0.176	0	0.187	0	0.146
5	0.120	1	0.160	4	0.111	2	0.111	6	0.123	23	0.108	30	0.028
13	0.020	21	0.127	28	0.030	39	0.111	10	0.071	34	0.184	56	0.065
24	0.083	32	0.175	46	0.005	43	0.034	26	0.061	41	0.132	82	0.063
86	0.041	58	0.022	69	0.071	52	0.039	78	0.002	51	0.070	97	0.108
101	0.105	100	0.127	84	0.040	96	0.119	110	0.012	111	0.007	109	0.038
125	0.013	134	0.170	143	0.115	116	0.083	122	0.054	127	0.005	132	0.077
136	0.172	136	0.194	136	0.137	136	0.133	136	0.179	136	0.189	136	0.154

NR Band n5		NR Band n12		NR Band n71		NR Band n26		WCDMA Band II		WCDMA Band IV		LTE Band 25	
Test position	Right Touch	Test position	Left Touch	Test position	Left Touch	Test position	Right Touch	Test position	Left Touch	Test position	Left Touch	Test position	Left Touch
Spacing	0	Spacing	0	Spacing	0	Spacing	0	Spacing	0	Spacing	0	Spacing	0
Frequency(MHz)	836.5	Frequency(MHz)	707.5	Frequency(MHz)	680.5	Frequency(MHz)	831.5	Frequency(MHz)	1880.0	Frequency(MHz)	1732.6	Frequency(MHz)	1905.0
Channel	167300	Channel	141500	Channel	136100	Channel	166300	Channel	9400	Channel	1413	Channel	26590
Measured 1g SAR(W/kg)	0.176	Measured 1g SAR(W/kg)	0.116	Measured 1g SAR(W/kg)	0.133	Measured 1g SAR(W/kg)	0.184	Measured 1g SAR(W/kg)	0.087	Measured 1g SAR(W/kg)	0.223	Measured 1g SAR(W/kg)	0.093
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)		Average Value of Time Sweep (W/kg)	
Auto-tune code 136	0.183	Auto-tune code 67	0.126	Auto-tune code 2	0.139	Auto-tune code 19	0.184	Auto-tune code 136	0.095	Auto-tune code 138	0.255	Auto-tune code 136	0.106
State		State		State		State		State		State		State	
0	0.166	0	0.121	0	0.131	0	0.171	0	0.088	0	0.221	0	0.090
9	0.076	14	0.019	12	0.048	22	0.104	11	0.076	3	0.200	20	0.098
68	0.170	35	0.074	31	0.009	36	0.178	49	0.000	10	0.155	61	0.000
90	0.014	91	0.010	40	0.056	47	0.005	55	0.000	29	0.044	75	0.090
114	0.105	104	0.075	66	0.063	60	0.007	63	0.000	44	0.143	79	0.046
128	0.164	115	0.085	107	0.059	73	0.110	70	0.088	92	0.000	99	0.000
141	0.111	131	0.071	137	0.127	93	0.004	105	0.000	113	0.011	117	0.000
136	0.17	67	0.122	2	0.139	19	0.184	136	0.093	138	0.243	136	0.103

LTE Band 66		NR Band n66		NR Band n25		NR Band n70	
Test position	Left Touch	Test position	Left Touch	Test position	Left Touch	Test position	Left Touch
Spacing	0	Spacing	0	Spacing	0	Spacing	0
Frequency(MHz)	1745.0	Frequency(MHz)	1745.0	Frequency(MHz)	1882.5	Frequency(MHz)	1702.5
Channel	132322	Channel	349000	Channel	376500	Channel	340500
Measured 1g SAR(W/kg)	0.216	Measured 1g SAR(W/kg)	0.225	Measured 1g SAR(W/kg)	0.101	Measured 1g SAR(W/kg)	0.193
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 138	0.205	Auto-tune code 138	0.248	Auto-tune code 136	0.115	Auto-tune code 138	0.219
State		State		State		State	
0	0.177	0	0.206	0	0.111	0	0.160
29	0.036	38	0.216	17	0.101	16	0.110
33	0.194	44	0.136	25	0.089	18	0.097
44	0.116	49	0.040	64	0.096	50	0.003
83	0.003	75	0.103	79	0.029	53	0.002
105	0.007	100	0.010	99	0.000	89	0.000
121	0.002	113	0.007	108	0.000	120	0.000
138	0.202	138	0.247	136	0.112	138	0.216

3G/4G/5G Body test results

WCDMA Band V		LTE Band 5		LTE Band 12		LTE Band 13		LTE Band 14		LTE Band 26		LTE Band 71	
Test position	Rear	Test position	Rear	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	Spacing	10	Spacing	10
Frequency(MHz)	836.6	Frequency(MHz)	836.5	Frequency(MHz)	707.5	Frequency(MHz)	782.0	Frequency(MHz)	793.0	Frequency(MHz)	831.5	Frequency(MHz)	680.5
Channel	4183	Channel	20525	Channel	23095	Channel	23230	Channel	23330	Channel	26865	Channel	133297
Measured 1g SAR(W/kg)	0.429	Measured 1g SAR(W/kg)	0.474	Measured 1g SAR(W/kg)	0.382	Measured 1g SAR(W/kg)	0.463	Measured 1g SAR(W/kg)	0.436	Measured 1g SAR(W/kg)	0.463	Measured 1g SAR(W/kg)	0.369
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)		Average Value of Time Sweep (W/kg)	
Auto-tune code 136	0.461	Auto-tune code 19	0.505	Auto-tune code 136	0.445	Auto-tune code 136	0.513	Auto-tune code 136	0.486	Auto-tune code 136	0.501	Auto-tune code 2	0.409
State		State		State		State		State		State		State	
0	0.456	0	0.492	0	0.378	0	0.468	0	0.463	0	0.477	0	0.383
5	0.348	12	0.089	9	0.266	16	0.438	22	0.342	18	0.374	1	0.354
31	0.030	48	0.365	26	0.182	24	0.262	47	0.009	43	0.391	6	0.334
50	0.195	78	0.037	56	0.108	58	0.070	53	0.180	69	0.445	28	0.117
73	0.311	86	0.130	60	0.039	111	0.032	66	0.438	84	0.154	35	0.186
89	0.080	114	0.304	93	0.022	122	0.168	82	0.181	91	0.045	39	0.175
115	0.305	131	0.319	101	0.290	141	0.293	143	0.372	132	0.426	106	0.209
136	0.459	19	0.495	136	0.429	136	0.475	136	0.486	136	0.498	2	0.407

NR Band n5		NR Band n12		NR Band n71		NR Band n26		WCDMA Band II		WCDMA Band IV		LTE Band 25	
Test position	Rear	Test position	Rear	Test position	Rear	Test position	Rear	Test position	Edge 3	Test position	Edge 3	Test position	Edge 3
Spacing	10	Spacing	10	Spacing	10	Spacing	10	Spacing	10	Spacing	10	Spacing	10
Frequency(MHz)	836.5	Frequency(MHz)	707.5	Frequency(MHz)	680.5	Frequency(MHz)	831.5	Frequency(MHz)	1852.4	Frequency(MHz)	1752.6	Frequency(MHz)	1860.0
Channel	167300	Channel	141500	Channel	136100	Channel	166300	Channel	9262	Channel	1513	Channel	26140
Measured 1g SAR(W/kg)	0.429	Measured 1g SAR(W/kg)	0.368	Measured 1g SAR(W/kg)	0.333	Measured 1g SAR(W/kg)	0.481	Measured 1g SAR(W/kg)	0.926	Measured 1g SAR(W/kg)	0.89	Measured 1g SAR(W/kg)	0.919
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)		Average Value of Time Sweep (W/kg)	
Auto-tune code 136	0.482	Auto-tune code 136	0.418	Auto-tune code 2	0.374	Auto-tune code 136	0.532	Auto-tune code 136	1.050	Auto-tune code 138	1.010	Auto-tune code 136	1.050
State		State		State		State		State		State		State	
0	0.412	0	0.381	0	0.278	0	0.468	0	1.010	0	0.877	0	0.986
8	0.235	2	0.343	23	0.247	14	0.058	3	0.980	25	0.443	4	0.985
36	0.442	13	0.102	34	0.199	15	0.036	17	0.748	33	0.929	11	0.784
52	0.163	46	0.019	41	0.153	32	0.410	21	0.701	49	0.037	20	0.691
96	0.373	94	0.018	90	0.083	97	0.364	38	0.977	61	0.013	38	0.960
107	0.108	109	0.069	104	0.245	128	0.496	79	0.263	83	0.028	92	0.004
120	0.194	127	0.021	134	0.278	142	0.434	105	0.052	99	0.060	108	0.028
136	0.454	136	0.397	2	0.342	136	0.511	136	1.010	138	0.938	136	1.030

LTE Band 66		NR Band n66		NR Band n25		NR Band 70	
Test position	Edge 3	Test position	Edge 3	Test position	Edge 3	Test position	Edge 3
Spacing	10	Spacing	10	Spacing	10	Spacing	10
Frequency(MHz)	1770.0	Frequency(MHz)	1745.0	Frequency(MHz)	1882.5	Frequency(MHz)	1702.5
Channel	132572	Channel	349000	Channel	376500	Channel	340500
Measured 1g SAR(W/kg)	0.837	Measured 1g SAR(W/kg)	0.772	Measured 1g SAR(W/kg)	0.647	Measured 1g SAR(W/kg)	0.883
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 138	0.948	Auto-tune code 138	0.841	Auto-tune code 136	0.743	Auto-tune code 138	0.989
State		State		State		State	
0	0.817	0	0.696	0	0.684	0	0.948
33	0.849	3	0.642	17	0.513	30	0.186
55	0.033	11	0.518	25	0.430	40	0.944
70	0.604	21	0.397	29	0.255	51	0.045
99	0.058	22	0.368	108	0.015	68	0.738
100	0.052	79	0.144	110	0.005	116	0.052
121	0.022	117	0.029	117	0.019	137	0.677
138	0.892	138	0.749	136	0.709	138	0.962