

Appendix I. Dynamic Antenna Testing

3G/4G Head test results

WCDMA 5		LTE Band 5		LTE Band 12 (B17)		LTE Band 13		LTE Band 26	
Test position	Left touch	Test position	Left touch	Test position	Right touch	Test position	Left touch	Test position	Left 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)	831.5
Channel	4183	Channel	20525 '1/25	Channel	23095 '1/49	Channel	23230 '1/0	Channel	26865 '1/0
Measured 1g SAR(W/kg)	0.216	Measured 1g SAR(W/kg)	0.198	Measured 1g SAR(W/kg)	0.100	Measured 1g SAR(W/kg)	0.149	Measured 1g SAR(W/kg)	0.197
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 (State 0)	0.250	Auto-tune code (State 0)	0.255	Auto-tune code (State 0)	0.131	Auto-tune code (State 0)	0.208	Auto-tune code (State 2)	0.205
State		State		State		State		State	
0	0.243	0	0.245	0	0.129	0	0.176	0	0.192
1	0.208	2	0.234	5	0.128	2	0.163	3	0.197
4	0.212	6	0.216	8	0.116	6	0.165	5	0.196
11	0.132	15	0.037	12	0.063	14	0.039	11	0.131
17	0.137	20	0.138	18	0.083	19	0.166	17	0.131
24	0.101	27	0.062	22	0.075	25	0.104	23	0.120
30	0.022	34	0.147	28	0.029	32	0.026	30	0.021
35	0.139	37	0.151	33	0.036	38	0.063	39	0.106
39	0.143	43	0.098	41	0.026	46	0.088	44	0.070
45	0.049	49	0.189	47	0.001	50	0.077	51	0.133
52	0.187	55	0.186	54	0.052	57	0.132	56	0.147
59	0.133	61	0.071	60	0.017	63	0.007	62	0.049
65	0.203	66	0.207	69	0.096	67	0.065	68	0.130
70	0.188	71	0.177	74	0.073	73	0.045	73	0.088
77	0.042	76	0.053	76	0.036	79	0.003	81	0.148
83	0.191	85	0.187	82	0.103	86	0.049	87	0.092
88	0.112	90	0.059	93	0.009	91	0.007	90	0.035
92	0.025	98	0.120	94	0.005	95	0.028	98	0.074
96	0.076	103	0.166	101	0.049	100	0.048	104	0.135
107	0.106	108	0.045	110	0.004	105	0.040	110	0.006
112	0.109	116	0.151	114	0.048	106	0.050	116	0.098
115	0.147	120	0.172	123	0.029	118	0.065	124	0.039
123	0.107	131	0.076	129	0.036	119	0.075	132	0.197
135	0.070	132	0.241	130	0.078	121	0.077	136	0.128
137	0.154	136	0.126	142	0.108	133	0.030	137	0.113
142	0.181	140	0.158	143	0.026	141	0.048	142	0.159
								2	0.198

WCDMA 2		WCDMA 4		LTE Band 25 (B2)		LTE Band 66 (B4)	
Test position	Right touch						
Spacing	0	Spacing	0	Spacing	0	Spacing	0
Frequency(MHz)	1880.0	Frequency(MHz)	1732.6	Frequency(MHz)	1905.0	Frequency(MHz)	1720.0
Channel	9400	Channel	1413	Channel	26590 '1/99	Channel	132072 '1/0
Measured 1g SAR(W/kg)	0.131	Measured 1g SAR(W/kg)	0.153	Measured 1g SAR(W/kg)	0.112	Measured 1g SAR(W/kg)	0.101
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 (State 64)	0.190	Auto-tune code (State 101)	0.205	Auto-tune code (State 0)	0.201	Auto-tune code (State 64)	0.188
State		State		State		State	
0	0.170	0	0.151	0	0.201	0	0.133
1	0.159	4	0.129	4	0.057	2	0.122
7	0.146	10	0.096	8	0.054	9	0.100
13	0.068	15	0.021	14	0.020	12	0.066
21	0.042	19	0.043	21	0.014	18	0.017
26	0.025	23	0.032	26	0.008	25	0.011
31	0.001	33	0.171	29	0.002	29	0.004
36	0.178	37	0.176	34	0.067	40	0.134
41	0.169	42	0.124	40	0.061	45	0.072
48	0.095	49	0.071	46	0.090	48	0.049
52	0.077	55	0.055	53	0.024	57	0.032
58	0.047	60	0.018	63	0.001	61	0.012
64	0.184	66	0.153	69	0.067	67	0.155
72	0.174	70	0.151	75	0.058	74	0.146
77	0.082	73	0.124	78	0.032	78	0.114
86	0.050	80	0.060	82	0.017	84	0.024
88	0.045	84	0.044	89	0.013	96	0.152
96	0.175	92	0.011	97	0.062	100	0.144
105	0.182	100	0.178	102	0.064	104	0.145
111	0.058	101	0.197	109	0.047	111	0.094
118	0.081	107	0.145	113	0.037	115	0.055
120	0.071	114	0.093	125	0.006	121	0.053
128	0.181	122	0.051	126	0.004	128	0.133
133	0.183	127	0.007	134	0.076	129	0.167
140	0.059	130	0.193	139	0.037	135	0.150
141	0.090	138	0.074	143	0.031	143	0.059
				7	0.183	64	0.171
				1	0.186		

5G sub6 Head test results

NR Band n5		NR Band n66		NR Band n25	
Test position	Left touch	Test position	Right touch	Test position	Left touch
Spacing	0	Spacing	0	Spacing	0
Frequency(MHz)	836.5	Frequency(MHz)	1770.0	Frequency(MHz)	1905.0
Channel	167300 '1/1	Channel	354000 '50/28	Channel	381000 '1/104
Measured 1g SAR(W/kg)	0.165	Measured 1g SAR(W/kg)	0.117	Measured 1g SAR(W/kg)	0.069
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code (State 0)	0.238	Auto-tune code (State 96)	0.174	Auto-tune code (State 132)	0.130
State		State		State	
0	0.233	0	0.102	0	0.119
3	0.227	3	0.089	3	0.081
9	0.196	5	0.084	5	0.078
16	0.143	10	0.060	10	0.062
20	0.139	16	0.038	16	0.025
23	0.128	25	0.106	25	0.015
27	0.072	28	0.001	28	0.005
31	0.014	38	0.112	38	0.081
35	0.113	43	0.080	43	0.070
42	0.125	47	0.018	47	0.022
50	0.157	53	0.037	53	0.031
56	0.166	58	0.024	58	0.020
59	0.147	61	0.003	61	0.007
65	0.165	64	0.122	64	0.081
72	0.128	71	0.104	71	0.074
81	0.192	80	0.043	80	0.023
87	0.122	83	0.030	83	0.021
91	0.031	89	0.017	89	0.016
97	0.096	95	0.003	95	0.001
106	0.145	99	0.134	99	0.085
109	0.020	103	0.129	103	0.081
117	0.141	112	0.065	112	0.040
119	0.156	117	0.048	117	0.036
124	0.053	126	0.010	126	0.005
131	0.058	132	0.103	132	0.124
138	0.188	140	0.038	140	0.022
136	0.158	96	0.165		

3G/4G Body test results

WCDMA 5		LTE Band 5		LTE Band 12 (B17)		LTE Band 13		LTE Band 26	
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
Frequency(MHz)	836.6	Frequency(MHz)	836.5	Frequency(MHz)	707.5	Frequency(MHz)	782.0	Frequency(MHz)	831.5
Channel	4183	Channel	20525 '1/25	Channel	23095 '1/49	Channel	23230 '1/0	Channel	26865 '1/0
Measured 1g SAR(W/kg)	0.758	Measured 1g SAR(W/kg)	0.602	Measured 1g SAR(W/kg)	0.364	Measured 1g SAR(W/kg)	0.380	Measured 1g SAR(W/kg)	0.493
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 (State 132)	1.160	Auto-tune code (State 132)	1.183	Auto-tune code (State 128)	0.703	Auto-tune code (State 128)	0.776	Auto-tune code (State 0)	0.743
State		State		State		State		State	
0	0.923	0	0.510	0	0.452	0	0.715	0	0.736
1	0.913	2	0.897	2	0.451	1	0.522	3	0.548
4	0.890	6	0.891	7	0.490	6	0.651	5	0.507
11	0.522	15	0.143	12	0.272	14	0.173	11	0.231
17	0.624	20	0.569	18	0.398	19	0.648	17	0.350
24	0.471	27	0.281	22	0.340	25	0.405	23	0.231
30	0.085	34	0.711	28	0.133	32	0.126	30	0.036
35	0.528	37	0.755	33	0.182	38	0.293	39	0.483
39	0.558	43	0.489	41	0.126	46	0.050	44	0.105
45	0.194	49	0.896	47	0.013	50	0.365	51	0.595
52	0.662	55	0.896	54	0.234	57	0.564	56	0.480
59	0.533	61	0.341	60	0.086	63	0.048	62	0.080
65	0.646	66	0.860	69	0.350	67	0.241	68	0.577
70	0.584	71	0.722	74	0.265	73	0.196	73	0.569
77	0.115	76	0.233	76	0.163	79	0.017	81	0.436
83	0.623	82	0.828	84	0.412	86	0.263	87	0.297
88	0.332	90	0.260	93	0.057	91	0.045	90	0.165
92	0.068	98	0.615	94	0.037	95	0.006	98	0.546
96	0.234	103	0.748	101	0.254	100	0.217	104	0.505
107	0.311	108	0.213	110	0.012	105	0.372	110	0.050
112	0.350	116	0.643	114	0.249	106	0.172	116	0.594
115	0.509	120	0.667	123	0.146	118	0.259	124	0.196
123	0.341	131	0.336	129	0.185	119	0.309	132	0.692
132	1.114	132	1.103	130	0.377	121	0.355	136	0.493
137	0.569	133	0.523	142	0.487	136	0.648	137	0.645
142	0.772	140	0.867	143	0.146	141	0.231	142	0.638
				128	0.692	128	0.739		

3G/4G Body test results (Continued)

WCDMA 2		WCDMA 4		LTE Band 25 (B2)		LTE Band 66 (B4)	
Test position	Edge 3	Test position	edge 3	Test position	Edge 3	Test position	Edge 3
Spacing	10mm	Spacing	10mm	Spacing	10mm	Spacing	10mm
Frequency(MHz)	1907.6	Frequency(MHz)	1732.6	Frequency(MHz)	1905.0	Frequency(MHz)	1720.0
Channel	9538	Channel	1413	Channel	26590 '1/99	Channel	132072 '1/0
Measured 1g SAR(W/kg)	0.945	Measured 1g SAR(W/kg)	0.895	Measured 1g SAR(W/kg)	0.902	Measured 1g SAR(W/kg)	0.837
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 (State 11)	1.575	Auto-tune code (State 0)	1.435	Auto-tune code (State 64)	1.576	Auto-tune code (State 96)	1.401
State		State		State		State	
0	1.450	0	1.299	0	1.267	0	0.936
1	0.885	1	0.978	1	1.192	1	0.905
2	1.134	2	1.244	2	1.192	2	0.900
3	1.086	3	0.937	3	1.228	3	0.889
4	1.014	4	0.913	4	1.233	4	0.907
5	1.216	5	0.883	5	1.169	5	0.866
6	1.084	6	0.901	6	1.112	6	0.854
7	1.183	7	0.898	7	1.094	7	0.881
8	1.241	8	0.856	8	1.040	8	0.852
9	1.326	9	0.808	9	0.986	9	0.823
10	1.389	10	0.723	10	0.927	10	0.787
11	1.558	11	0.690	11	0.861	11	0.735
12	0.691	12	0.537	12	0.663	12	0.648
13	0.783	13	0.435	13	0.583	13	0.629
14	1.248	14	0.343	14	0.488	14	0.545
15	0.869	15	0.229	15	0.345	15	0.427
16	0.164	16	0.445	16	0.340	16	0.230
17	0.244	17	0.391	17	0.339	17	0.219
18	0.251	18	0.374	18	0.305	18	0.216
19	0.206	19	0.361	19	0.304	19	0.216
20	0.255	20	0.377	20	0.285	20	0.209
21	0.226	21	0.354	21	0.283	21	0.209
22	0.226	22	0.370	22	0.271	22	0.204
23	0.229	23	0.348	23	0.289	23	0.204
24	0.310	24	0.276	24	0.236	24	0.192
25	0.294	25	0.271	25	0.235	25	0.187
26	0.345	26	0.199	26	0.192	26	0.176
27	0.581	27	0.180	27	0.168	27	0.161
28	0.581	28	0.121	28	0.121	28	0.138
29	0.633	29	0.088	29	0.095	29	0.120
30	0.351	30	0.089	30	0.067	30	0.101
31	0.156	31	0.036	31	0.043	31	0.079
32	0.601	32	0.931	32	1.264	32	1.105
33	0.820	33	0.956	33	1.205	33	1.053
34	0.675	34	0.950	34	1.269	34	1.056
35	0.696	35	0.954	35	1.267	35	1.024
36	0.738	36	0.966	36	1.280	36	1.027
37	0.799	37	0.903	37	1.199	37	1.029
38	0.906	38	0.939	38	1.271	38	1.003
39	0.915	39	0.947	39	1.221	39	0.992
40	0.780	40	0.936	40	1.229	40	0.962
41	0.708	41	0.958	41	1.140	41	0.944
42	0.788	42	0.917	42	1.101	42	0.852
43	0.983	43	0.843	43	1.009	43	0.840
44	1.148	44	0.558	44	0.860	44	0.756
45	1.385	45	0.506	45	0.724	45	0.649
46	1.226	46	0.403	46	0.580	46	0.589
47	1.095	47	0.248	47	0.393	47	0.460
48	0.597	48	0.552	48	0.519	48	0.427
49	0.343	49	0.572	49	0.474	49	0.410
50	0.595	50	0.554	50	0.470	50	0.392
51	0.506	51	0.517	51	0.472	51	0.400
52	0.352	52	0.491	52	0.442	52	0.397
53	0.470	53	0.528	53	0.439	53	0.386
54	0.455	54	0.480	54	0.438	54	0.383
55	0.520	55	0.488	55	0.405	55	0.378
56	0.519	56	0.432	56	0.380	56	0.356
57	0.638	57	0.372	57	0.364	57	0.326
58	0.634	58	0.322	58	0.312	58	0.330
59	0.622	59	0.270	59	0.254	59	0.299
60	0.815	60	0.209	60	0.198	60	0.260
61	0.902	61	0.151	61	0.158	61	0.230
62	0.468	62	0.103	62	0.119	62	0.191
63	0.217	63	0.071	63	0.078	63	0.149
64	0.623	64	0.892	64	1.542	64	1.070
65	0.700	65	0.891	65	1.276	65	1.111
66	0.696	66	0.864	66	1.228	66	1.102
67	0.757	67	0.838	67	1.210	67	1.116
68	0.756	68	0.878	68	1.174	68	1.106
69	0.732	69	0.899	69	1.194	69	1.126
70	0.778	70	0.853	70	1.266	70	1.061

3G/4G Body test results (Continued)

WCDMA 2		WCDMA 4		LTE Band 25 (B2)		LTE Band 66 (B4)	
71	0.692	71	0.885	71	1.221	71	1.126
72	0.737	72	0.887	72	1.170	72	1.141
73	0.757	73	0.828	73	1.161	73	1.162
74	0.781	74	0.784	74	1.093	74	1.181
75	1.075	75	0.630	75	0.945	75	1.159
76	0.937	76	0.523	76	0.815	76	1.152
77	0.729	77	0.465	77	0.684	77	1.139
78	0.609	78	0.362	78	0.577	78	1.087
79	0.379	79	0.241	79	0.433	79	0.948
80	0.452	80	0.476	80	0.369	80	0.248
81	0.442	81	0.444	81	0.340	81	0.272
82	1.115	82	0.428	82	0.353	82	0.274
83	1.231	83	0.410	83	0.336	83	0.277
84	1.145	84	0.396	84	0.334	84	0.279
85	1.021	85	0.367	85	0.332	85	0.276
86	1.122	86	0.354	86	0.310	86	0.275
87	1.152	87	0.382	87	0.327	87	0.276
88	1.079	88	0.307	88	0.294	88	0.285
89	1.226	89	0.305	89	0.278	89	0.291
90	1.035	90	0.257	90	0.250	90	0.296
91	0.910	91	0.196	91	0.209	91	0.308
92	0.842	92	0.144	92	0.165	92	0.302
93	0.715	93	0.109	93	0.129	93	0.297
94	0.581	94	0.067	94	0.098	94	0.278
95	0.398	95	0.037	95	0.061	95	0.235
96	0.474	96	0.766	96	1.272	96	1.349
97	0.405	97	0.865	97	1.288	97	0.918
98	0.421	98	0.816	98	1.286	98	0.929
99	0.377	99	0.881	99	1.275	99	0.935
100	0.358	100	0.884	100	1.327	100	0.955
101	0.341	101	0.821	101	1.317	101	0.981
102	0.318	102	0.897	102	1.268	102	0.967
103	0.332	103	0.867	103	1.251	103	0.966
104	0.297	104	0.913	104	1.291	104	0.984
105	0.266	105	0.859	105	1.272	105	1.013
106	0.225	106	0.835	106	1.226	106	1.024
107	0.195	107	0.782	107	1.092	107	1.030
108	0.149	108	0.633	108	1.011	108	1.068
109	0.106	109	0.533	109	0.906	109	1.080
110	0.081	110	0.445	110	0.732	110	1.035
111	0.068	111	0.283	111	0.527	111	0.965
112	0.454	112	0.573	112	0.578	112	0.492
113	0.435	113	0.614	113	0.533	113	0.511
114	0.408	114	0.570	114	0.542	114	0.508
115	0.392	115	0.563	115	0.526	115	0.494
116	0.445	116	0.552	116	0.530	116	0.511
117	0.450	117	0.545	117	0.518	117	0.512
118	0.404	118	0.545	118	0.508	118	0.479
119	0.418	119	0.556	119	0.515	119	0.510
120	0.401	120	0.499	120	0.480	120	0.523
121	0.497	121	0.452	121	0.448	121	0.530
122	0.440	122	0.371	122	0.408	122	0.524
123	0.390	123	0.345	123	0.358	123	0.543
124	0.254	124	0.240	124	0.273	124	0.542
125	0.233	125	0.171	125	0.217	125	0.530
126	0.181	126	0.131	126	0.167	126	0.504
127	0.110	127	0.082	127	0.109	127	0.417
128	1.321	128	0.864	128	1.211	128	1.034
129	1.378	129	0.904	129	1.320	129	1.104
130	1.292	130	0.978	130	1.262	130	1.032
131	1.298	131	0.755	131	1.244	131	0.900
132	1.289	132	0.906	132	1.181	132	1.031
133	1.369	133	0.874	133	1.323	133	1.052
134	1.359	134	0.837	134	1.258	134	1.067
135	1.418	135	0.860	135	1.314	135	0.910
136	0.372	136	0.416	136	0.332	136	0.222
137	0.523	137	0.645	137	0.534	137	0.428
138	0.427	138	0.456	138	0.349	138	0.247
139	0.657	139	0.673	139	0.569	139	0.484
140	0.370	140	0.428	140	0.351	140	0.231
141	0.703	141	0.598	141	0.534	141	0.422
142	0.376	142	0.424	142	0.352	142	0.248
143	0.705	143	0.583	143	0.575	143	0.505

5G sub6 Body test results

NR Band n5		NR Band n66		NR Band n25	
Test position	Rear	Test position	Edge 3	Test position	Edge 3
Spacing	10mm	Spacing	10mm	Spacing	10mm
Frequency(MHz)	836.5	Frequency(MHz)	1720	Frequency(MHz)	1905.0
Channel	167300 '1/1	Channel	344000 '50/28	Channel	381000 '50/28
Measured 1g SAR(W/kg)	0.601	Measured 1g SAR(W/kg)	0.835	Measured 1g SAR(W/kg)	0.843
Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)		Average Value of Time Sweep (W/kg)	
Auto-tune code (State 0)	1.036	Auto-tune code (State 96)	1.597	Auto-tune code (State 64)	1.581
State		State		State	
0	0.991	0	1.103	0	1.326
3	0.933	1	1.059	1	1.172
9	0.759	2	1.040	2	1.261
16	0.624	3	1.009	3	1.248
20	0.549	4	1.004	4	1.215
23	0.499	5	0.984	5	1.219
27	0.275	6	0.933	6	1.241
31	0.049	7	0.950	7	1.207
35	0.462	8	0.900	8	1.175
42	0.498	9	0.870	9	1.081
50	0.601	10	0.770	10	1.022
56	0.701	11	0.658	11	0.867
59	0.556	12	0.540	12	0.773
65	0.629	13	0.455	13	0.628
72	0.471	14	0.366	14	0.517
81	0.643	15	0.254	15	0.358
87	0.400	16	0.326	16	0.338
91	0.109	17	0.281	17	0.324
97	0.344	18	0.276	18	0.347
106	0.472	19	0.271	19	0.309
109	0.075	20	0.270	20	0.327
117	0.422	21	0.246	21	0.302
119	0.472	22	0.243	22	0.288
124	0.163	23	0.238	23	0.300
132	0.832	24	0.207	24	0.267
138	0.674	25	0.194	25	0.244
		26	0.170	26	0.225
		27	0.144	27	0.185
		28	0.104	28	0.126
		29	0.081	29	0.092
		30	0.061	30	0.077
		31	0.040	31	0.054
		32	1.268	32	1.454
		33	1.256	33	1.428
		34	1.256	34	1.429
		35	1.201	35	1.415
		36	1.212	36	1.411
		37	1.151	37	1.359
		38	1.126	38	1.414
		39	1.118	39	1.355
		40	1.091	40	1.344
		41	1.031	41	1.314
		42	0.965	42	1.195
		43	0.840	43	1.146
		44	0.667	44	0.955
		45	0.562	45	0.814
		46	0.451	46	0.813
		47	0.300	47	0.576
		48	0.568	48	0.656
		49	0.463	49	0.582
		50	0.458	50	0.576
		51	0.450	51	0.591
		52	0.449	52	0.574
		53	0.428	53	0.538
		54	0.410	54	0.536
		55	0.399	55	0.537
		56	0.356	56	0.464
		57	0.343	57	0.432
		58	0.296	58	0.384
		59	0.259	59	0.326
		60	0.198	60	0.248
		61	0.153	61	0.200
		62	0.122	62	0.153
		63	0.092	63	0.105

5G sub6 Body test results (Continued)

NR Band n66		NR Band n25	
64	1.285	64	1.581
65	1.300	65	1.492
66	1.325	66	1.489
67	1.289	67	1.577
68	1.292	68	1.442
69	1.302	69	1.443
70	1.263	70	1.427
71	1.229	71	1.390
72	1.177	72	1.390
73	1.130	73	1.340
74	1.068	74	1.291
75	0.982	75	1.187
76	0.878	76	1.069
77	0.774	77	0.878
78	0.727	78	0.737
79	0.565	79	0.532
80	0.431	80	0.404
81	0.432	81	0.405
82	0.412	82	0.393
83	0.356	83	0.418
84	0.352	84	0.390
85	0.366	85	0.383
86	0.385	86	0.384
87	0.357	87	0.387
88	0.342	88	0.379
89	0.325	89	0.338
90	0.297	90	0.300
91	0.252	91	0.268
92	0.192	92	0.209
93	0.166	93	0.172
94	0.116	94	0.128
95	0.085	95	0.080
96	1.543	96	1.533
97	1.328	97	1.466
98	1.461	98	1.504
99	1.366	99	1.501
100	1.431	100	1.526
101	1.230	101	1.541
102	1.381	102	1.519
103	1.277	103	1.439
104	1.284	104	1.513
105	1.287	105	1.421
106	1.260	106	1.386
107	1.172	107	1.336
108	1.091	108	1.220
109	0.807	109	1.045
110	0.710	110	0.854
111	0.471	111	0.606
112	0.656	112	0.628
113	0.567	113	0.608
114	0.597	114	0.586
115	0.581	115	0.624
116	0.602	116	0.578
117	0.598	117	0.565
118	0.552	118	0.563
119	0.560	119	0.532
120	0.579	120	0.501
121	0.555	121	0.464
122	0.448	122	0.447
123	0.407	123	0.393
124	0.353	124	0.300
125	0.293	125	0.252
126	0.228	126	0.187
127	0.166	127	0.136
128	1.219	128	1.301
129	1.532	129	1.448
130	1.193	130	1.413
131	1.298	131	1.410
132	1.148	132	1.336
133	1.473	133	1.521
134	1.312	134	1.325
135	1.530	135	1.374
136	0.350	136	0.356
137	0.579	137	0.566
138	0.347	138	0.364
139	0.617	139	0.611
140	0.325	140	0.359
141	0.544	141	0.582
142	0.381	142	0.377
143	0.592	143	0.630

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