

## Appendix I. Proximity sensor feature

### 3G/4G test results

WCDMA Band II		WCDMA Band IV		WCDMA Band V		LTE Band 12		LTE Band 13	
Test position	Edge 4	Test position	Edge 4	Test position	Edge 4	Test position	Edge 4	Test position	Rear
Specing	0 mm	Specing	0 mm	Specing	0 mm	Specing	0 mm	Specing	19 mm
Frequency (MHz)	1880.0	Frequency (MHz)	1732.6	Frequency (MHz)	836.6	Frequency (MHz)	707.5	Frequency (MHz)	782.0
Channel	9400	Channel	1413	Channel	4183	Channel	23095	Channel	23230
Measured 1g SAR (W/kg)	0.894	Measured 1g SAR (W/kg)	0.857	Measured 1g SAR (W/kg)	0.581	Measured 1g SAR (W/kg)	0.482	Measured 1g SAR (W/kg)	0.447
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 (State 0)	<b>2.562</b>	Auto-tune (State 0)	<b>2.511</b>	Auto-tune (State 109)	<b>1.694</b>	Auto-tune (State 108)	<b>1.199</b>	Auto-tune (State 9)	<b>0.688</b>
State		State		State		State		State	
0	2.560	0	2.478	0	0.924	0	0.872	0	0.671
1	2.544	1	2.419	1	1.186	4	1.082	9	0.680
2	2.547	2	2.417	2	1.249	7	0.132	14	0.317
3	2.537	3	2.403	3	1.340	15	0.213	21	0.447
4	2.514	4	2.404	4	1.439	18	0.526	25	0.099
5	2.478	5	2.350	5	1.434	26	0.030	32	0.356
6	2.317	6	2.142	6	0.804	29	0.537	36	0.456
7	2.014	7	1.737	7	0.354	37	1.108	43	0.068
8	1.683	8	1.377	8	0.183	40	1.017	47	0.437
9	2.448	9	2.374	9	0.677	48	0.833	54	0.464
10	2.460	10	2.377	10	0.887	51	0.195	58	0.402
11	2.472	11	2.383	11	0.932	59	0.346	65	0.444
12	2.479	12	2.394	12	1.007	62	0.029	69	0.181
13	2.481	13	2.398	13	1.039	70	0.041	76	0.197
14	2.478	14	2.379	14	0.966	81	0.945	87	0.086
15	2.380	15	2.205	15	0.459	92	0.547	98	0.034
16	2.110	16	1.831	16	0.194	108	1.199	109	0.265
17	1.770	17	1.439	17	0.100	114	0.161	120	0.253
18	2.344	18	2.247	18	0.501	125	0.028	131	0.194
19	2.380	19	2.286	19	0.648	136	0.461	142	0.051
20	2.389	20	2.308	20	0.677	139	0.251	140	0.206
21	2.412	21	2.337	21	0.708	47	0.877	40	0.323
22	2.407	22	2.352	22	0.711	21	0.621	117	0.296
23	2.420	23	2.327	23	0.598	22	0.562	78	0.063
24	2.342	24	2.178	24	0.251				
25	2.050	25	1.797	25	0.107				
26	1.694	26	1.355	26	0.056				
27	2.169	27	2.069	27	0.382				
28	2.211	28	2.134	28	0.487				
29	2.223	29	2.162	29	0.505				
30	2.262	30	2.189	30	0.520				
31	2.270	31	2.208	31	0.512				
32	2.301	32	2.230	32	0.413				
33	2.246	33	2.118	33	0.167				
34	1.944	34	1.707	34	0.071				
35	1.560	35	1.268	35	0.037				
36	2.358	36	2.394	36	1.009				
37	2.345	37	2.401	37	1.267				
38	2.330	38	2.356	38	1.320				
39	2.304	39	2.318	39	1.399				
40	2.294	40	2.303	40	1.446				
41	2.218	41	2.186	41	1.365				
42	1.985	42	1.865	42	0.736				
43	1.622	43	1.431	43	0.329				
44	1.287	44	1.069	44	0.173				
45	2.375	45	2.383	45	0.742				
46	2.376	46	2.388	46	0.931				
47	2.371	47	2.378	47	0.969				
48	2.358	48	2.360	48	1.013				
49	2.358	49	2.365	49	1.021				
50	2.311	50	2.279	50	0.899				
51	2.108	51	1.987	51	0.414				
52	1.747	52	1.546	52	0.182				
53	1.381	53	1.144	53	0.095				
54	2.398	54	2.394	54	0.549				
55	2.422	55	2.414	55	0.674				
56	2.427	56	2.418	56	0.702				
57	2.424	57	2.401	57	0.701				
58	2.426	58	2.399	58	0.681				
59	2.392	59	2.333	59	0.543				
60	2.177	60	2.009	60	0.228				
61	1.741	61	1.490	61	0.100				
62	1.323	62	1.063	62	0.053				
63	2.323	63	2.278	63	0.415				
64	2.361	64	2.318	64	0.501				
65	2.371	65	2.320	65	0.510				
66	2.382	66	2.328	66	0.504				
67	2.383	67	2.327	67	0.479				
68	2.369	68	2.283	68	0.374				
69	2.150	69	1.953	69	0.150				
70	1.681	70	1.428	70	0.066				

WCDMA Band II		WCDMA Band IV		WCDMA Band V		LTE Band 12	LTE Band 13
71	1.223	71	0.980	71	0.035		
72	0.324	72	0.613	72	1.437		
73	0.361	73	0.649	73	1.650		
74	0.353	74	0.638	74	1.636		
75	0.337	75	0.602	75	1.552		
76	0.354	76	0.614	76	1.397		
77	0.324	77	0.542	77	0.981		
78	0.255	78	0.382	78	0.365		
79	0.157	79	0.219	79	0.150		
80	0.091	80	0.124	80	0.075		
81	0.320	81	0.607	81	1.147		
82	0.368	82	0.663	82	1.212		
83	0.361	83	0.654	83	1.166		
84	0.353	84	0.636	84	1.012		
85	0.373	85	0.656	85	0.880		
86	0.352	86	0.597	86	0.562		
87	0.295	87	0.438	87	0.194		
88	0.187	88	0.250	88	0.081		
89	0.107	89	0.137	89	0.041		
90	0.347	90	0.671	90	0.878		
91	0.417	91	0.672	91	0.796		
92	0.413	92	0.775	92	0.733		
93	0.414	93	0.772	93	0.589		
94	0.443	94	0.798	94	0.492		
95	0.435	95	0.745	95	0.301		
96	0.373	96	0.519	96	0.105		
97	0.221	97	0.268	97	0.045		
98	0.116	98	0.139	98	0.023		
99	0.343	99	0.688	99	0.661		
100	0.431	100	0.827	100	0.550		
101	0.435	101	0.831	101	0.500		
102	0.449	102	0.849	102	0.395		
103	0.484	103	0.900	103	0.323		
104	0.505	104	0.864	104	0.196		
105	0.456	105	0.593	105	0.068		
106	0.247	106	0.280	106	0.029		
107	0.116	107	0.133	107	0.015		
108	0.301	108	0.551	108	1.423		
109	0.330	109	0.580	109	1.659		
110	0.323	110	0.563	110	1.641		
111	0.310	111	0.543	111	1.514		
112	0.325	112	0.550	112	1.382		
113	0.298	113	0.493	113	0.933		
114	0.236	114	0.350	114	0.329		
115	0.149	115	0.201	115	0.133		
116	0.087	116	0.113	116	0.067		
117	0.295	117	0.545	117	1.189		
118	0.332	118	0.598	118	1.257		
119	0.329	119	0.593	119	1.196		
120	0.322	120	0.576	120	1.007		
121	0.338	121	0.587	121	0.861		
122	0.322	122	0.546	122	0.526		
123	0.274	123	0.404	123	0.174		
124	0.176	124	0.227	124	0.072		
125	0.102	125	0.126	125	0.036		
126	0.315	126	0.594	126	0.931		
127	0.373	127	0.676	127	0.814		
128	0.373	128	0.675	128	0.743		
129	0.375	129	0.678	129	0.579		
130	0.401	130	0.704	130	0.472		
131	0.397	131	0.662	131	0.278		
132	0.348	132	0.472	132	0.094		
133	0.208	133	0.241	133	0.040		
134	0.109	134	0.123	134	0.020		
135	0.311	135	0.587	135	0.721		
136	0.384	136	0.709	136	0.572		
137	0.389	137	0.719	137	0.505		
138	0.403	138	0.736	138	0.383		
139	0.435	139	0.781	139	0.307		
140	0.456	140	0.755	140	0.179		
141	0.423	141	0.528	141	0.061		
142	0.232	142	0.245	142	0.026		
143	0.109	143	0.116	143	0.013		

**3G/4G test results**

LTE Band 14		LTE Band 25/2		LTE Band 26/5		LTE Band 66/4		LTE Band 71	
Test position	Edge 4	Test position	Edge 4	Test position	Edge 4	Test position	Edge 4	Test position	Edge 4
Specing	0 mm	Specing	0 mm	Specing	0 mm	Specing	0 mm	Specing	0 mm
Frequency (MHz)	793.0	Frequency (MHz)	1905.0	Frequency (MHz)	831.5	Frequency (MHz)	1770.0	Frequency (MHz)	680.5
Channel	23330	Channel	26590	Channel	26865	Channel	132572	Channel	133297
Measured 1g SAR (W/kg)	0.780	Measured 1g SAR (W/kg)	0.847	Measured 1g SAR (W/kg)	0.682	Measured 1g SAR (W/kg)	0.834	Measured 1g SAR (W/kg)	0.612
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 (State 109)	<b>1.886</b>	Auto-tune (State 0)	<b>2.711</b>	Auto-tune (State 109)	<b>1.740</b>	Auto-tune (State 0)	<b>2.699</b>	Auto-tune (State 108)	<b>1.869</b>
State	State	State	State	State	State	State	State	State	State
0	1.169	0	<b>2.706</b>	0	0.989	0	<b>2.685</b>	0	1.308
1	1.520	1	2.703	1	1.243	1	2.583	1	1.710
2	1.590	2	2.706	2	1.297	2	2.583	2	1.755
3	1.704	3	2.678	3	1.398	3	2.580	3	1.731
4	1.760	4	2.691	4	1.452	4	2.577	4	1.638
5	1.627	5	2.607	5	1.458	5	2.518	5	1.224
6	0.789	6	2.416	6	0.857	6	2.456	6	0.457
7	0.342	7	2.071	7	0.388	7	2.065	7	0.192
8	0.179	8	1.732	8	0.203	8	1.670	8	0.102
9	0.880	9	2.602	9	0.741	9	2.613	9	1.046
10	1.130	10	2.637	10	0.936	10	2.646	10	1.380
11	1.215	11	2.654	11	0.976	11	2.654	11	1.400
12	1.281	12	2.645	12	1.038	12	2.656	12	1.369
13	1.302	13	2.698	13	1.066	13	2.649	13	1.286
14	1.119	14	2.664	14	0.998	14	2.618	14	0.920
15	0.483	15	2.551	15	0.496	15	2.449	15	0.328
16	0.205	16	2.241	16	0.215	16	2.084	16	0.139
17	0.108	17	1.877	17	0.112	17	1.683	17	0.074
18	0.645	18	2.572	18	0.532	18	2.458	18	0.813
19	0.839	19	2.588	19	0.666	19	2.491	19	1.045
20	0.868	20	2.611	20	0.690	20	2.497	20	1.059
21	0.897	21	2.635	21	0.719	21	2.515	21	1.005
22	0.875	22	2.642	22	0.716	22	2.539	22	0.920
23	0.696	23	2.657	23	0.613	23	2.527	23	0.636
24	0.276	24	2.529	24	0.269	24	2.385	24	0.220
25	0.119	25	2.237	25	0.121	25	1.995	25	0.093
26	0.064	26	1.836	26	0.062	26	1.576	26	0.050
27	0.508	27	2.385	27	0.407	27	2.245	27	0.667
28	0.656	28	2.439	28	0.503	28	2.293	28	0.862
29	0.676	29	2.460	29	0.521	29	2.320	29	0.855
30	0.680	30	2.496	30	0.534	30	2.372	30	0.807
31	0.655	31	2.501	31	0.526	31	2.339	31	0.733
32	0.505	32	2.531	32	0.431	32	2.367	32	0.498
33	0.197	33	2.501	33	0.182	33	2.251	33	0.170
34	0.085	34	2.167	34	0.079	34	1.856	34	0.072
35	0.046	35	1.750	35	0.042	35	1.420	35	0.039
36	1.245	36	2.548	36	1.059	36	2.550	36	1.403
37	1.555	37	2.502	37	1.294	37	2.536	37	1.730
38	1.611	38	2.480	38	1.335	38	2.511	38	1.751
39	1.676	39	2.446	39	1.415	39	2.472	39	1.683
40	1.679	40	2.452	40	1.448	40	2.468	40	1.569
41	1.475	41	2.339	41	1.372	41	2.363	41	1.146
42	0.692	42	2.083	42	0.764	42	2.046	42	0.446
43	0.307	43	1.703	43	0.353	43	1.612	43	0.194
44	0.164	44	1.347	44	0.189	44	1.237	44	0.106
45	0.921	45	2.527	45	0.815	45	2.538	45	1.120
46	1.158	46	2.547	46	0.999	46	2.526	46	1.379
47	1.191	47	2.536	47	1.027	47	2.535	47	1.386
48	1.216	48	2.527	48	1.058	48	2.494	48	1.311
49	1.203	49	2.523	49	1.066	49	2.501	49	1.203
50	0.982	50	2.444	50	0.939	50	2.441	50	0.856
51	0.426	51	2.235	51	0.450	51	2.161	51	0.322
52	0.188	52	1.840	52	0.201	52	1.697	52	0.141
53	0.101	53	1.453	53	0.108	53	1.324	53	0.077
54	0.689	54	2.526	54	0.595	54	2.503	54	0.861
55	0.834	55	2.619	55	0.703	55	2.526	55	1.040
56	0.846	56	2.630	56	0.717	56	2.515	56	1.025
57	0.838	57	2.604	57	0.716	57	2.519	57	0.946
58	0.792	58	2.608	58	0.695	58	2.508	58	0.851
59	0.604	59	2.572	59	0.563	59	2.465	59	0.587
60	0.248	60	2.328	60	0.245	60	2.164	60	0.214
61	0.111	61	1.863	61	0.110	61	1.632	61	0.095
62	0.061	62	1.431	62	0.060	62	1.191	62	0.053
63	0.536	63	2.532	63	0.456	63	2.391	63	0.708
64	0.645	64	2.556	64	0.531	64	2.453	64	0.841
65	0.653	65	2.586	65	0.534	65	2.435	65	0.828
66	0.635	66	2.573	66	0.523	66	2.441	66	0.761
67	0.594	67	2.581	67	0.501	67	2.446	67	0.672
68	0.444	68	2.578	68	0.390	68	2.405	68	0.458
69	0.178	69	2.324	69	0.166	69	2.093	69	0.167
70	0.080	70	1.834	70	0.074	70	1.553	70	0.073

LTE Band 14		LTE Band 25/2		LTE Band 26/5		LTE Band 66/4		LTE Band 71	
71	0.045	71	1.370	71	0.041	71	1.103	71	0.041
72	1.731	72	0.335	72	1.424	72	0.508	72	1.821
73	1.868	73	0.371	73	1.638	73	0.551	73	1.671
74	1.814	74	0.361	74	1.620	74	0.534	74	1.544
75	1.620	75	0.344	75	1.518	75	0.517	75	1.267
76	1.447	76	0.363	76	1.407	76	0.533	76	1.074
77	0.985	77	0.327	77	1.015	77	0.474	77	0.691
78	0.376	78	0.254	78	0.398	78	0.346	78	0.268
79	0.164	79	0.156	79	0.170	79	0.205	79	0.125
80	0.087	80	0.090	80	0.088	80	0.118	80	0.070
81	1.379	81	0.329	81	1.197	81	0.502	81	1.462
82	1.369	82	0.373	82	1.256	82	0.564	82	1.285
83	1.300	83	0.367	83	1.203	83	0.559	83	1.179
84	1.101	84	0.356	84	1.041	84	0.545	84	0.952
85	0.947	85	0.378	85	0.914	85	0.566	85	0.797
86	0.608	86	0.354	86	0.595	86	0.525	86	0.503
87	0.227	87	0.293	87	0.220	87	0.404	87	0.195
88	0.102	88	0.185	88	0.095	88	0.236	88	0.093
89	0.056	89	0.107	89	0.051	89	0.132	89	0.053
90	1.009	90	0.356	90	0.904	90	0.551	90	1.097
91	0.883	91	0.426	91	0.803	91	0.649	91	0.892
92	0.820	92	0.423	92	0.742	92	0.648	92	0.814
93	0.665	93	0.417	93	0.602	93	0.646	93	0.647
94	0.558	94	0.447	94	0.497	94	0.681	94	0.537
95	0.352	95	0.434	95	0.316	95	0.649	95	0.338
96	0.132	96	0.372	96	0.118	96	0.485	96	0.134
97	0.596	97	0.222	97	0.054	97	0.258	97	0.067
98	0.036	98	0.118	98	0.030	98	0.132	98	0.039
99	0.778	99	0.351	99	0.696	99	0.552	99	0.899
100	0.637	100	0.441	100	0.582	100	0.679	100	0.710
101	0.596	101	0.440	101	0.508	101	0.690	101	0.643
102	0.474	102	0.451	102	0.402	102	0.707	102	0.506
103	0.392	103	0.489	103	0.332	103	0.755	103	0.418
104	0.247	104	0.501	104	0.206	104	0.749	104	0.265
105	0.096	105	0.450	105	0.079	105	0.557	105	0.108
106	0.046	106	0.253	106	0.037	106	0.266	106	0.054
107	0.027	107	0.123	107	0.020	107	0.124	107	0.032
108	1.744	108	0.309	108	1.364	108	0.459	108	1.849
109	1.871	109	0.340	109	1.736	109	0.491	109	1.628
110	1.808	110	0.328	110	1.550	110	0.481	110	1.491
111	1.571	111	0.314	111	1.417	111	0.461	111	1.199
112	1.421	112	0.329	112	1.283	112	0.474	112	1.006
113	0.905	113	0.299	113	0.879	113	0.430	113	0.630
114	0.332	114	0.235	114	0.326	114	0.318	114	0.240
115	0.144	115	0.146	115	0.137	115	0.188	115	0.112
116	0.078	116	0.086	116	0.071	116	0.108	116	0.063
117	1.434	117	0.301	117	1.166	117	0.444	117	1.511
118	1.395	118	0.338	118	1.210	118	0.508	118	1.258
119	1.329	119	0.332	119	1.142	119	0.492	119	1.140
120	1.086	120	0.327	120	0.950	120	0.486	120	0.898
121	0.921	121	0.344	121	0.817	121	0.504	121	0.738
122	0.569	122	0.322	122	0.507	122	0.474	122	0.457
123	0.205	123	0.270	123	0.179	123	0.370	123	0.175
124	0.092	124	0.173	124	0.077	124	0.218	124	0.084
125	0.050	125	0.101	125	0.041	125	0.121	125	0.048
126	1.094	126	0.324	126	0.907	126	0.488	126	1.145
127	0.910	127	0.380	127	0.769	127	0.569	127	0.877
128	0.827	128	0.378	128	0.698	128	0.573	128	0.788
129	0.648	129	0.376	129	0.543	129	0.575	129	0.609
130	0.533	130	0.402	130	0.447	130	0.605	130	0.498
131	0.326	131	0.393	131	0.270	131	0.584	131	0.310
132	0.121	132	0.341	132	0.097	132	0.444	132	0.122
133	0.057	133	0.207	133	0.044	133	0.237	133	0.060
134	0.033	134	0.112	134	0.025	134	0.122	134	0.036
135	0.855	135	0.318	135	0.709	135	0.484	135	0.942
136	0.667	136	0.390	136	0.544	136	0.595	136	0.701
137	0.602	137	0.395	137	0.487	137	0.607	137	0.624
138	0.462	138	0.405	138	0.372	138	0.627	138	0.480
139	0.379	139	0.437	139	0.303	139	0.671	139	0.392
140	0.231	140	0.450	140	0.182	140	0.677	140	0.245
141	0.088	141	0.418	141	0.067	141	0.514	141	0.098
142	0.042	142	0.238	142	0.031	142	0.244	142	0.049
143	0.025	143	0.117	143	0.018	143	0.115	143	0.030

**5G sub6 test results**

NR Band n5		NR Band n25/n2		NR Band n66		NR Band n71	
Test position	Edge 4	Test position	Edge 4	Test position	Edge 4	Test position	Edge 4
Specing	0 mm	Specing	0 mm	Specing	0 mm	Specing	0 mm
Frequency (MHz)	836.5	Frequency (MHz)	1905	Frequency (MHz)	1745	Frequency (MHz)	680.5
Channel	167300	Channel	381000	Channel	349000	Channel	136100
Measured 1g SAR (W/kg)	0.840	Measured 1g SAR (W/kg)	0.952	Measured 1g SAR (W/kg)	0.970	Measured 1g SAR (W/kg)	0.944
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 (State 109)	<b>3.041</b>	Auto-tune (State 0)	<b>2.462</b>	Auto-tune (State 0)	<b>2.805</b>	Auto-tune (State 108)	<b>3.538</b>
State	State	State	State	State	State	State	State
0	0.725	0	<b>2.444</b>	0	<b>2.803</b>	0	2.563
1	2.208	1	2.407	1	2.791	1	3.285
2	2.431	2	2.407	2	2.210	2	3.316
3	2.535	3	2.375	3	1.956	3	3.240
4	2.815	4	2.356	4	2.111	4	3.037
5	2.735	5	2.271	5	2.001	5	2.154
6	1.637	6	2.041	6	2.125	6	0.814
7	0.778	7	1.714	7	1.512	7	0.356
8	0.411	8	1.383	8	1.089	8	0.194
9	1.437	9	2.400	9	2.698	9	2.106
10	1.816	10	2.373	10	2.721	10	2.676
11	1.862	11	2.383	11	2.727	11	2.803
12	1.986	12	2.367	12	2.729	12	2.641
13	2.004	13	2.357	13	2.098	13	2.421
14	1.895	14	2.302	14	2.062	14	1.699
15	0.964	15	2.127	15	1.847	15	0.620
16	0.432	16	1.771	16	1.487	16	0.274
17	0.234	17	1.457	17	1.161	17	0.148
18	1.055	18	2.368	18	2.087	18	1.649
19	1.303	19	2.378	19	2.078	19	2.106
20	1.363	20	2.374	20	2.090	20	2.122
21	1.406	21	2.376	21	2.100	21	2.007
22	1.422	22	2.369	22	2.103	22	1.802
23	1.240	23	2.315	23	2.053	23	1.206
24	0.573	24	2.176	24	1.876	24	0.433
25	0.255	25	1.839	25	1.513	25	0.192
26	0.141	26	1.479	26	1.165	26	0.107
27	0.820	27	2.269	27	1.949	27	1.379
28	1.000	28	2.282	28	1.992	28	1.737
29	1.046	29	2.265	29	1.980	29	1.743
30	1.066	30	2.265	30	1.996	30	1.625
31	1.063	31	2.251	31	2.002	31	1.465
32	0.887	32	2.258	32	1.980	32	0.969
33	0.396	33	2.096	33	1.832	33	0.345
34	0.180	34	1.767	34	1.461	34	0.155
35	0.098	35	1.415	35	1.086	35	0.087
36	2.105	36	2.302	36	2.086	36	2.651
37	2.548	37	2.236	37	2.053	37	3.062
38	2.644	38	2.227	38	2.036	38	3.074
39	2.713	39	2.153	39	1.985	39	2.886
40	2.769	40	2.154	40	1.954	40	2.641
41	2.544	41	2.024	41	1.833	41	1.872
42	1.429	42	1.699	42	1.511	42	0.732
43	0.689	43	1.321	43	1.141	43	0.329
44	0.374	44	1.015	44	1.146	44	0.182
45	1.544	45	2.347	45	2.664	45	2.075
46	1.879	46	2.298	46	2.090	46	2.466
47	1.892	47	2.262	47	2.075	47	2.434
48	1.947	48	2.222	48	2.043	48	2.300
49	1.919	49	2.200	49	2.027	49	2.092
50	1.717	50	2.067	50	1.922	50	1.456
51	0.843	51	1.777	51	1.618	51	0.548
52	0.392	52	1.385	52	1.208	52	0.249
53	0.215	53	1.054	53	0.904	53	0.139
54	1.088	54	2.348	54	2.660	54	1.645
55	1.264	55	2.336	55	2.663	55	1.940
56	1.286	56	2.323	56	2.667	56	1.914
57	1.283	57	2.266	57	2.077	57	1.756
58	1.253	58	2.281	58	2.068	58	1.566
59	1.030	59	2.165	59	1.994	59	1.065
60	0.487	60	1.840	60	1.676	60	0.398
61	0.225	61	1.418	61	1.229	61	0.185
62	0.125	62	1.067	62	1.192	62	0.103
63	0.838	63	2.295	63	2.085	63	1.367
64	0.964	64	2.269	64	2.077	64	1.614
65	0.986	65	2.287	65	2.073	65	1.598
66	0.961	66	2.242	66	2.069	66	1.448
67	0.923	67	2.233	67	2.066	67	1.286
68	0.738	68	2.156	68	1.969	68	0.854
69	0.330	69	1.857	69	1.661	69	0.319
70	0.155	70	1.402	70	1.182	70	0.149

NR Band n5		NR Band n25/n2		NR Band n66		NR Band n71	
71	0.087	71	1.030	71	1.123	71	0.084
72	2.813	72	0.332	72	0.466	72	3.267
73	2.978	73	0.362	73	0.481	73	2.765
74	2.906	74	0.349	74	0.465	74	2.558
75	2.654	75	0.326	75	0.434	75	2.088
76	2.353	76	0.340	76	0.441	76	1.760
77	1.644	77	0.293	77	0.378	77	1.123
78	0.644	78	0.201	78	0.252	78	0.434
79	0.285	79	0.112	79	0.141	79	0.204
80	0.149	80	0.060	80	0.114	80	0.116
81	2.298	81	0.346	81	0.484	81	2.680
82	2.196	82	0.386	82	0.517	82	2.208
83	2.088	83	0.376	83	0.505	83	2.002
84	1.765	84	0.357	84	0.479	84	1.614
85	1.493	85	0.374	85	0.492	85	1.350
86	0.978	86	0.330	86	0.433	86	0.856
87	0.366	87	0.234	87	0.298	87	0.337
88	0.161	88	0.131	88	0.163	88	0.160
89	0.089	89	0.069	89	0.089	89	0.094
90	1.762	90	0.369	90	0.519	90	2.115
91	1.455	91	0.426	91	0.583	91	1.657
92	1.341	92	0.419	92	0.576	92	1.506
93	1.066	93	0.406	93	0.559	93	1.203
94	0.899	94	0.431	94	0.579	94	1.008
95	0.553	95	0.390	95	0.521	95	0.627
96	0.218	96	0.376	96	0.355	96	0.252
97	0.101	97	0.151	97	0.183	97	0.126
98	0.058	98	0.077	98	0.095	98	0.076
99	1.360	99	0.377	99	0.546	99	1.756
100	1.044	100	0.439	100	0.642	100	1.346
101	0.956	101	0.437	101	0.797	101	1.221
102	0.741	102	0.436	102	0.638	102	0.965
103	0.619	103	0.467	103	0.842	103	0.802
104	0.386	104	0.443	104	0.611	104	0.508
105	0.385	105	0.328	105	0.399	105	0.208
106	0.072	106	0.164	106	0.188	106	0.106
107	0.042	107	0.080	107	0.091	107	0.065
108	2.781	108	0.323	108	0.424	108	3.513
109	3.034	109	0.345	109	0.437	109	2.755
110	2.940	110	0.333	110	0.420	110	2.507
111	2.630	111	0.311	111	0.393	111	1.989
112	2.310	112	0.311	112	0.399	112	1.663
113	1.562	113	0.278	113	0.343	113	1.042
114	0.584	114	0.192	114	0.230	114	0.399
115	0.254	115	0.107	115	0.127	115	0.189
116	0.130	116	0.058	116	0.101	116	0.108
117	2.399	117	0.326	117	0.435	117	2.822
118	2.279	118	0.358	118	0.464	118	2.180
119	2.126	119	0.349	119	0.453	119	1.972
120	1.767	120	0.332	120	0.432	120	1.545
121	1.470	121	0.347	121	0.442	121	1.282
122	0.930	122	0.308	122	0.391	122	0.793
123	0.333	123	0.220	123	0.269	123	0.306
124	0.148	124	0.123	124	0.148	124	0.150
125	0.079	125	0.066	125	0.113	125	0.087
126	1.912	126	0.339	126	0.459	126	2.226
127	1.505	127	0.384	127	0.515	127	1.631
128	1.385	128	0.378	128	0.509	128	1.468
129	1.050	129	0.368	129	0.496	129	1.142
130	0.862	130	0.388	130	0.513	130	0.933
131	0.534	131	0.356	131	0.468	131	0.582
132	0.195	132	0.261	132	0.320	132	0.232
133	0.088	133	0.142	133	0.165	133	0.117
134	0.051	134	0.073	134	0.119	134	0.071
135	0.146	135	0.346	135	0.473	135	1.844
136	1.060	136	0.409	136	0.560	136	1.320
137	0.957	137	0.408	137	0.561	137	1.188
138	0.721	138	0.408	138	0.563	138	0.916
139	0.586	139	0.434	139	0.596	139	0.746
140	0.354	140	0.414	140	0.557	140	0.470
141	0.135	141	0.310	141	0.370	141	0.190
142	0.063	142	0.157	142	0.171	142	0.098
143	0.037	143	0.076	143	0.115	143	0.062

**Note(s):**

Find the NR auto tune code by LTE mode at the NR frequency with auto-tuning active according to TCB workshop note (Oct.2020).