

APPENDIX B – TEST DATA OF RADIATED EMISSION

LTE band 2

Test result:

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(dBm)		
					QPSK	16QAM	64QAM
1.4	1	0	1909.3	19193	24.53	23.25	23.17
			1880	18900	24.35	23.43	23.41
			1850.7	18607	24.65	23.33	23.44
3	1	0	1908.5	19185	24.61	23.96	23.43
			1880	18900	24.59	23.38	23.11
			1851.5	18615	24.57	23.40	23.48
5	1	0	1907.5	19175	24.20	23.10	23.01
			1880	18900	24.13	23.02	23.00
			1852.5	18625	24.18	23.23	23.22
10	1	0	1905	19150	24.33	23.02	22.70
			1880	18900	24.38	22.88	22.84
			1855	18650	24.40	23.12	22.62
15	1	0	1902.5	19125	23.99	23.00	22.76
			1880	18900	24.16	22.89	22.87
			1857.5	18675	24.17	22.71	22.60
20	1	0	1900	19100	23.83	22.93	22.46
			1880	18900	23.97	22.85	22.44
			1860	18700	24.16	22.74	22.68

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(W)		
					QPSK	16QAM	64QAM
1.4	1	0	1909.3	19193	0.284	0.211	0.207
			1880	18900	0.272	0.220	0.219
			1850.7	18607	0.292	0.215	0.221
3	1	0	1908.5	19185	0.289	0.249	0.220
			1880	18900	0.288	0.218	0.205
			1851.5	18615	0.286	0.219	0.223
5	1	0	1907.5	19175	0.263	0.204	0.200
			1880	18900	0.259	0.200	0.200
			1852.5	18625	0.262	0.210	0.210
10	1	0	1905	19150	0.271	0.200	0.186
			1880	18900	0.274	0.194	0.192
			1855	18650	0.275	0.205	0.183
15	1	0	1902.5	19125	0.251	0.200	0.189
			1880	18900	0.261	0.195	0.194
			1857.5	18675	0.261	0.187	0.182
20	1	0	1900	19100	0.242	0.196	0.176
			1880	18900	0.249	0.193	0.175
			1860	18700	0.261	0.188	0.185

Test result:

Channel 18700

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2462.65	-48.83	-13	Vertical
2778.38	-47.00	-13	Vertical
3725.50	-40.83	-13	Vertical
6675.05	-39.18	-13	Vertical
9963.91	-38.00	-13	Vertical
17824.79	-33.94	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.88	-48.56	-13	Vertical
2782.23	-47.74	-13	Vertical
3722.81	-40.59	-13	Vertical
6678.78	-40.24	-13	Vertical
9964.75	-37.00	-13	Vertical
17822.80	-33.81	-13	Vertical

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.37	-48.62	-13	Vertical
2782.06	-47.52	-13	Vertical
3727.20	-41.48	-13	Vertical
6676.29	-39.90	-13	Vertical
9964.40	-36.89	-13	Vertical
17820.35	-32.98	-13	Vertical

LTE band 4
Test result:

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(dBm)		
					QPSK	16QAM	64QAM
1.4	1	0	1754.3	20393	24.31	23.11	23.13
			1732.5	20175	24.18	23.08	23.28
			1710.7	19957	24.20	23.02	22.96
3	1	0	1753.5	20385	24.32	23.60	23.17
			1732.5	20175	24.25	23.06	23.15
			1711.5	19965	24.27	23.47	23.23
5	1	0	1752.5	20375	24.27	23.28	23.24
			1732.5	20175	24.28	23.30	23.18
			1712.5	19975	24.33	23.47	23.25
10	1	0	1750	20350	24.31	22.82	22.81
			1732.5	20175	24.35	23.25	23.23
			1715	20000	24.16	22.79	22.72
15	1	0	1747.5	20325	24.48	23.17	22.96
			1732.5	20175	24.21	22.65	22.62
			1717.5	20025	24.43	23.17	22.93
20	1	0	1745	20300	24.80	23.34	23.10
			1732.5	20175	24.40	23.35	23.36
			1720	20050	24.51	23.20	23.21

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(W)		
					QPSK	16QAM	64QAM
1.4	1	0	1754.3	20393	0.270	0.205	0.206
			1732.5	20175	0.262	0.203	0.213
			1710.7	19957	0.263	0.200	0.198
3	1	0	1753.5	20385	0.270	0.229	0.207
			1732.5	20175	0.266	0.202	0.207
			1711.5	19965	0.267	0.222	0.210
5	1	0	1752.5	20375	0.267	0.213	0.211
			1732.5	20175	0.268	0.214	0.208
			1712.5	19975	0.271	0.222	0.211
10	1	0	1750	20350	0.270	0.191	0.191
			1732.5	20175	0.272	0.211	0.210
			1715	20000	0.261	0.190	0.187
15	1	0	1747.5	20325	0.281	0.207	0.198
			1732.5	20175	0.264	0.184	0.183
			1717.5	20025	0.277	0.207	0.196
20	1	0	1745	20300	0.302	0.216	0.204
			1732.5	20175	0.275	0.216	0.217
			1720	20050	0.282	0.209	0.209

Test result:

Channel 20050

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.72	-49.64	-13	Vertical
2776.93	-48.20	-13	Vertical
3728.48	-40.99	-13	Vertical
6677.54	-38.61	-13	Vertical
9964.19	-36.93	-13	Vertical
17819.32	-34.17	-13	Vertical

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2463.76	-49.14	-13	Vertical
2779.88	-47.16	-13	Vertical
3727.29	-40.83	-13	Vertical
6680.71	-39.72	-13	Vertical
9962.13	-36.81	-13	Vertical
17820.51	-33.43	-13	Vertical

Channel 20300

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2462.02	-49.35	-13	Vertical
2782.18	-46.57	-13	Vertical
3727.75	-40.58	-13	Vertical
6673.03	-39.06	-13	Vertical
9963.13	-37.36	-13	Vertical
17816.19	-33.85	-13	Vertical

LTE band 5

Test result:

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(dBm)		
					QPSK	16QAM	64QAM
1.4	1	0	848.3	20643	20.85	19.41	19.77
			836.5	20525	20.65	19.38	19.35
			824.7	20407	20.64	19.26	19.25
3	1	0	847.5	20635	21.00	20.06	19.46
			836.5	20525	20.64	19.21	19.13
			825.5	20415	20.67	19.19	19.24
5	1	0	846.5	20625	20.74	19.20	19.14
			836.5	20525	20.52	19.13	19.25
			826.5	20425	20.45	19.17	19.16
10	1	0	844	20600	20.74	19.39	19.43
			836.5	20525	20.69	18.89	18.87
			829	20450	20.60	19.17	19.18

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(W)		
					QPSK	16QAM	64QAM
1.4	1	0	848.3	20643	0.122	0.087	0.095
			836.5	20525	0.116	0.087	0.086
			824.7	20407	0.116	0.084	0.084
3	1	0	847.5	20635	0.126	0.101	0.088
			836.5	20525	0.116	0.083	0.082
			825.5	20415	0.117	0.083	0.084
5	1	0	846.5	20625	0.119	0.083	0.082
			836.5	20525	0.113	0.082	0.084
			826.5	20425	0.111	0.083	0.082
10	1	0	844	20600	0.119	0.087	0.088
			836.5	20525	0.117	0.077	0.077
			829	20450	0.115	0.083	0.083

Test result:

Channel 20450

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.07	-53.84	-13	Vertical
1667.00	-51.16	-13	Vertical
2533.79	-44.35	-13	Vertical
2575.93	-43.63	-13	Vertical
8963.40	-39.45	-13	Vertical
9967.67	-37.17	-13	Vertical

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1652.75	-52.34	-13	Vertical
1666.39	-50.88	-13	Vertical
2536.42	-44.21	-13	Vertical
2572.78	-44.71	-13	Vertical
8962.40	-39.34	-13	Vertical
9972.64	-35.70	-13	Vertical

Channel 20600

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1645.18	-53.19	-13	Vertical
1666.16	-51.84	-13	Vertical
2532.09	-44.32	-13	Vertical
2578.04	-44.62	-13	Vertical
8961.26	-39.79	-13	Vertical
9970.18	-36.95	-13	Vertical

LTE band 12

Test result:

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(dBm)		
					QPSK	16QAM	64QAM
1.4	1	0	715.3	23173	20.03	18.71	18.66
			707.5	23095	20.31	19.12	19.34
			699.7	23017	20.38	19.28	19.26
3	1	0	714.5	23165	20.44	19.15	19.00
			707.5	23095	20.36	19.17	19.25
			700.5	23025	20.51	19.01	19.03
5	1	0	713.5	23155	20.39	18.83	19.19
			707.5	23095	20.48	18.98	19.10
			701.5	23035	20.61	19.15	19.10
10	1	0	711	23130	20.39	19.25	18.81
			707.5	23095	20.26	19.16	18.78
			704	23060	20.08	18.95	18.66

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(W)		
					QPSK	16QAM	64QAM
1.4	1	0	715.3	23173	0.101	0.074	0.073
			707.5	23095	0.107	0.082	0.086
			699.7	23017	0.109	0.085	0.084
3	1	0	714.5	23165	0.111	0.082	0.079
			707.5	23095	0.109	0.083	0.084
			700.5	23025	0.112	0.080	0.080
5	1	0	713.5	23155	0.109	0.076	0.083
			707.5	23095	0.112	0.079	0.081
			701.5	23035	0.115	0.082	0.081
10	1	0	711	23130	0.109	0.084	0.076
			707.5	23095	0.106	0.082	0.076
			704	23060	0.102	0.079	0.073

Test result:

Channel 23060

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.48	-52.83	-13	Vertical
1668.78	-50.66	-13	Vertical
2534.93	-43.59	-13	Vertical
2578.52	-44.54	-13	Vertical
8964.51	-39.80	-13	Vertical
9974.15	-36.10	-13	Vertical

Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.03	-52.03	-13	Vertical
1667.33	-52.14	-13	Vertical
2535.52	-44.39	-13	Vertical
2578.79	-43.55	-13	Vertical
8963.01	-38.66	-13	Vertical
9971.13	-35.38	-13	Vertical

Channel 23130

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.27	-53.65	-13	Vertical
1670.91	-51.68	-13	Vertical
2532.63	-44.09	-13	Vertical
2577.78	-44.68	-13	Vertical
8959.75	-39.13	-13	Vertical
9971.32	-37.13	-13	Vertical

LTE band 25
Test result:

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(dBm)		
					QPSK	16QAM	64QAM
1.4	1	0	1914.3	26683	25.58	24.54	24.09
			1882.5	26365	25.19	23.98	24.07
			1850.7	26047	24.91	23.77	24.05
3	1	0	1913.5	26675	25.50	24.00	24.07
			1882.5	26365	25.19	23.69	23.73
			1851.5	26055	25.20	23.41	23.50
5	1	0	1912.5	26665	25.09	23.88	24.15
			1882.5	26365	25.13	23.93	23.97
			1852.5	26065	25.00	23.88	23.85
10	1	0	1910	26640	25.31	24.06	23.60
			1882.5	26365	25.16	23.59	23.41
			1855	26090	25.03	23.98	23.37
15	1	0	1907.5	26615	24.88	23.43	23.36
			1882.5	26365	25.00	23.49	23.39
			1857.5	26115	25.20	23.44	23.51
20	1	0	1905	26590	25.31	23.41	23.62
			1882.5	26365	24.83	23.29	23.32
			1860	26140	25.27	23.93	23.47

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(W)		
					QPSK	16QAM	64QAM
1.4	1	0	1914.3	26683	0.361	0.284	0.256
			1882.5	26365	0.330	0.250	0.255
			1850.7	26047	0.310	0.238	0.254
3	1	0	1913.5	26675	0.355	0.251	0.255
			1882.5	26365	0.330	0.234	0.236
			1851.5	26055	0.331	0.219	0.224
5	1	0	1912.5	26665	0.323	0.244	0.260
			1882.5	26365	0.326	0.247	0.249
			1852.5	26065	0.316	0.244	0.243
10	1	0	1910	26640	0.340	0.255	0.229
			1882.5	26365	0.328	0.229	0.219
			1855	26090	0.318	0.250	0.217
15	1	0	1907.5	26615	0.308	0.220	0.217
			1882.5	26365	0.316	0.223	0.218
			1857.5	26115	0.331	0.221	0.224
20	1	0	1905	26590	0.340	0.219	0.230
			1882.5	26365	0.304	0.213	0.215
			1860	26140	0.337	0.247	0.222

Test result:

Channel 26140

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.94	-48.78	-13	Vertical
2781.43	-47.91	-13	Vertical
3728.35	-40.13	-13	Vertical
6674.25	-39.34	-13	Vertical
9961.23	-36.39	-13	Vertical
17820.37	-34.26	-13	Vertical

Channel 26365

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.83	-48.16	-13	Vertical
2778.59	-47.38	-13	Vertical
3727.15	-41.17	-13	Vertical
6674.64	-38.87	-13	Vertical
9961.57	-37.43	-13	Vertical
17817.24	-34.60	-13	Vertical

Channel 26590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.60	-49.08	-13	Vertical
2780.35	-46.95	-13	Vertical
3730.49	-40.95	-13	Vertical
6677.11	-38.94	-13	Vertical
9963.24	-36.78	-13	Vertical
17819.64	-35.07	-13	Vertical

LTE band 41

Test result:

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(dBm)		
					QPSK	16QAM	64QAM
5	1	0	2687.5	41565	29.31	27.51	27.44
			2593	40620	29.09	27.56	27.67
			2498.5	39675	29.92	28.55	28.54
10	1	0	2685	41540	29.26	27.74	27.58
			2593	40620	29.26	27.88	27.87
			2501	39700	29.83	28.75	28.74
15	1	0	2682.5	41515	29.48	27.76	27.52
			2593	40620	29.33	28.07	27.93
			2503.5	39725	29.80	28.51	28.35
20	1	0	2680	41490	29.11	27.66	27.53
			2593	40620	29.46	28.23	28.20
			2506	39750	29.64	28.48	28.15

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(W)		
					QPSK	16QAM	64QAM
5	1	0	2687.5	41565	0.853	0.564	0.555
			2593	40620	0.811	0.570	0.585
			2498.5	39675	0.982	0.716	0.714
10	1	0	2685	41540	0.843	0.594	0.573
			2593	40620	0.843	0.614	0.612
			2501	39700	0.962	0.750	0.748
15	1	0	2682.5	41515	0.887	0.597	0.565
			2593	40620	0.857	0.641	0.621
			2503.5	39725	0.955	0.710	0.684
20	1	0	2680	41490	0.815	0.583	0.566
			2593	40620	0.883	0.665	0.661
			2506	39750	0.920	0.705	0.653

Test result:

Channel 39750

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.30	-48.47	-25	Vertical
2779.22	-47.26	-25	Vertical
3726.36	-40.79	-25	Vertical
6676.31	-40.09	-25	Vertical
9962.69	-36.88	-25	Vertical
17820.53	-34.84	-25	Vertical

Channel 40620

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.26	-48.27	-25	Vertical
2781.53	-47.53	-25	Vertical
3728.28	-40.32	-25	Vertical
6675.56	-39.82	-25	Vertical
9962.53	-37.41	-25	Vertical
17818.60	-34.29	-25	Vertical

Channel 41490

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.20	-49.20	-25	Vertical
2779.53	-47.24	-25	Vertical
3729.47	-39.95	-25	Vertical
6673.12	-39.42	-25	Vertical
9962.51	-37.20	-25	Vertical
17817.42	-34.17	-25	Vertical

LTE band 66

Test result:

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(dBm)		
					QPSK	16QAM	64QAM
1.4	1	0	1779.3	132665	24.65	23.21	23.16
			1745	132322	24.34	23.04	23.03
			1710.7	131979	24.29	22.88	22.92
3	1	0	1778.5	132657	24.77	23.01	23.15
			1745	132322	24.42	23.71	23.70
			1711.5	131987	24.39	22.92	22.34
5	1	0	1777.5	132647	24.64	23.05	23.16
			1745	132322	24.26	23.18	23.16
			1712.5	131997	24.36	23.03	23.00
10	1	0	1775	132622	24.42	23.18	23.15
			1745	132322	24.27	22.64	23.16
			1715	132022	24.37	22.31	23.15
15	1	0	1772.5	132597	24.40	23.03	23.00
			1745	132322	24.02	23.03	22.75
			1717.5	132047	24.29	22.72	22.83
20	1	0	1770	20300	24.50	22.82	22.80
			1745	132322	24.19	22.67	22.57
			1720	132072	24.25	23.05	23.03

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(W)		
					QPSK	16QAM	64QAM
1.4	1	0	1779.3	132665	0.292	0.209	0.207
			1745	132322	0.272	0.201	0.201
			1710.7	131979	0.269	0.194	0.196
3	1	0	1778.5	132657	0.300	0.200	0.207
			1745	132322	0.277	0.235	0.234
			1711.5	131987	0.275	0.196	0.171
5	1	0	1777.5	132647	0.291	0.202	0.207
			1745	132322	0.267	0.208	0.207
			1712.5	131997	0.273	0.201	0.200
10	1	0	1775	132622	0.277	0.208	0.207
			1745	132322	0.267	0.184	0.207
			1715	132022	0.274	0.170	0.207
15	1	0	1772.5	132597	0.275	0.201	0.200
			1745	132322	0.252	0.201	0.188
			1717.5	132047	0.269	0.187	0.192
20	1	0	1770	20300	0.282	0.191	0.191
			1745	132322	0.262	0.185	0.181
			1720	132072	0.266	0.202	0.201

Test result:

Channel 132072

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.81	-48.37	-13	Vertical
2780.76	-46.94	-13	Vertical
3729.08	-40.86	-13	Vertical
6676.75	-39.88	-13	Vertical
9959.88	-37.02	-13	Vertical
17822.01	-34.05	-13	Vertical

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.42	-48.62	-13	Vertical
2781.37	-46.23	-13	Vertical
3726.38	-39.95	-13	Vertical
6674.60	-40.17	-13	Vertical
9958.11	-37.07	-13	Vertical
17823.00	-34.07	-13	Vertical

Channel 132572

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.16	-48.98	-13	Vertical
2779.54	-46.14	-13	Vertical
3725.67	-40.07	-13	Vertical
6673.23	-40.39	-13	Vertical
9958.72	-37.28	-13	Vertical
17824.44	-34.55	-13	Vertical

LTE band 71

Test result:

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(dBm)		
					QPSK	16QAM	64QAM
5	1	0	695.5	133447	20.22	19.87	19.85
			680.5	133297	20.10	19.40	19.42
			665.5	133147	20.12	19.01	19.03
10	1	0	693	133422	20.20	19.89	19.86
			680.5	133297	20.11	19.41	19.43
			668	133172	20.15	19.02	19.01
15	1	0	690.5	133397	20.19	19.86	19.85
			680.5	133297	20.08	19.45	19.41
			670.5	133197	20.15	18.98	19.01
20	1	0	688	133372	20.21	19.87	19.87
			683	133322	20.10	19.43	19.40
			673	133222	20.13	19.01	19.04

BW	RB Size	RB Offset	Carrier frequency (MHz)	UL Channel	EIRP/ERP(W)		
					QPSK	16QAM	64QAM
5	1	0	695.5	133447	0.105	0.097	0.097
			680.5	133297	0.102	0.087	0.087
			665.5	133147	0.103	0.080	0.080
10	1	0	693	133422	0.105	0.097	0.097
			680.5	133297	0.103	0.087	0.088
			668	133172	0.104	0.080	0.080
15	1	0	690.5	133397	0.104	0.097	0.097
			680.5	133297	0.102	0.088	0.087
			670.5	133197	0.104	0.079	0.080
20	1	0	688	133372	0.105	0.097	0.097
			683	133322	0.102	0.088	0.087
			673	133222	0.103	0.080	0.080

Test result:

Channel 133222

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.11	-52.90	-13	Vertical
1669.26	-50.15	-13	Vertical
2536.63	-43.78	-13	Vertical
2580.08	-43.48	-13	Vertical
8962.26	-39.16	-13	Vertical
9973.98	-36.20	-13	Vertical

Channel 133322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.32	-53.02	-13	Vertical
1667.20	-52.40	-13	Vertical
2535.91	-43.84	-13	Vertical
2577.19	-44.21	-13	Vertical
8963.35	-38.61	-13	Vertical
9974.07	-35.66	-13	Vertical

Channel 133372

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.14	-53.03	-13	Vertical
1670.21	-51.29	-13	Vertical
2529.06	-43.53	-13	Vertical
2577.21	-44.26	-13	Vertical
8960.11	-39.35	-13	Vertical
9967.96	-36.68	-13	Vertical

---The end of the test report---