

Appendix C.4

Internal Antenna

1.1. Test Band = LTE CA-48C_ TM1

1.1.1. Test Channel = Low

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7117.3333	-40.22	36.17	-51.73	-40.00	11.73	Horizontal
2	8582.625	-40.22	36.83	-53.77	-40.00	13.77	Horizontal
3	10296.3333	-40.22	39.39	-51.04	-40.00	11.04	Horizontal
4	12097.5833	-40.53	39.80	-50.31	-40.00	10.31	Horizontal
5	14123.875	-40.42	41.52	-49.41	-40.00	9.41	Horizontal
6	15602.4583	-36.66	38.80	-50.06	-40.00	10.06	Horizontal

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7118.25	-40.22	36.16	-49.45	-40.00	9.45	Vertical
2	7440.9167	-40.79	36.48	-49.79	-40.00	9.79	Vertical
3	9118.4167	-40.68	37.34	-53.36	-40.00	13.36	Vertical
4	10935.25	-40.78	40.08	-50.79	-40.00	10.79	Vertical
5	12909.2917	-40.15	39.14	-50.56	-40.00	10.56	Vertical
6	15074.4583	-36.59	40.70	-46.91	-40.00	6.91	Vertical

1.2. Test Band = LTE CA-48C_ TM1

1.2.1. Test Channel = Mid

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7225.9583	-40.46	36.46	-51.05	-40.00	11.05	Horizontal
2	9189.9167	-40.94	37.24	-53.31	-40.00	13.31	Horizontal
3	10841.2917	-40.63	39.55	-48.73	-40.00	8.73	Horizontal
4	13028.9167	-40.25	39.59	-50.28	-40.00	10.28	Horizontal
5	14460.2917	-40.41	41.72	-48.24	-40.00	8.24	Horizontal
6	16009.9167	-36.26	38.22	-50.43	-40.00	10.43	Horizontal

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7439.5417	-40.79	36.48	-49.29	-40.00	9.29	Vertical
2	9149.5833	-40.79	37.40	-53.26	-40.00	13.26	Vertical
3	10777.5833	-40.48	39.28	-49.67	-40.00	9.67	Vertical
4	12807.0833	-40.34	39.29	-51.08	-40.00	11.08	Vertical
5	14460.2917	-40.41	41.72	-44.81	-40.00	4.81	Vertical
6	16249.1667	-36.26	38.30	-50.41	-40.00	10.41	Vertical

1.3. Test Band = LTE CA-48C_ TM1

1.3.1. Test Channel = High

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7341.4583	-40.44	36.78	-50.11	-40.00	10.11	Horizontal
2	9707.375	-40.08	38.51	-52.14	-40.00	12.14	Horizontal
3	11455.9167	-40.48	40.54	-49.79	-40.00	9.79	Horizontal
4	13027.0833	-40.25	39.58	-50.28	-40.00	10.28	Horizontal
5	14506.5833	-40.29	41.61	-48.83	-40.00	8.83	Horizontal
6	16174.9167	-36.37	38.40	-50.46	-40.00	10.46	Horizontal

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7345.125	-40.46	36.79	-48.39	-40.00	8.39	Vertical
2	9655.125	-40.03	38.41	-52.15	-40.00	12.15	Vertical
3	11524.2083	-40.54	40.52	-49.98	-40.00	9.98	Vertical
4	13696.7083	-40.25	40.50	-50.06	-40.00	10.06	Vertical
5	15781.2083	-36.38	38.48	-49.94	-40.00	9.94	Vertical
6	17556.3333	-42.17	44.73	-49.43	-40.00	9.43	Vertical

1.4. Test Band = LTE CA-66C_ TM1

1.4.1. Test Channel = Low

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3312	-44.26	28.68	-61.79	-13.00	48.79	Horizontal
2	5286.75	-41.24	32.19	-55.85	-13.00	42.85	Horizontal
3	7632.75	-40.45	36.83	-53.19	-13.00	40.19	Horizontal
4	10959.75	-40.47	40.20	-50.17	-13.00	37.17	Horizontal
5	14381.25	-40.58	41.90	-49.96	-13.00	36.96	Horizontal
6	16971.75	-39.20	40.86	-50.45	-13.00	37.45	Horizontal

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3264	-44.03	28.56	-60.77	-13.00	47.77	Vertical
2	5181.75	-41.39	32.16	-56.51	-13.00	43.51	Vertical
3	7440.75	-40.67	36.48	-48.26	-13.00	35.26	Vertical
4	10304.25	-40.28	39.40	-51.04	-13.00	38.04	Vertical
5	13242.75	-40.42	39.54	-50.86	-13.00	37.86	Vertical
6	16957.5	-39.13	40.79	-50.17	-13.00	37.17	Vertical

1.5. Test Band = LTE CA-66C_ TM1

1.5.1. Test Channel = Mid

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3478.5	-44.17	29.09	-61.89	-13.00	48.89	Horizontal
2	5615.25	-40.55	32.87	-55.34	-13.00	42.34	Horizontal
3	7592.25	-40.59	36.87	-53.16	-13.00	40.16	Horizontal
4	9654	-40.49	38.41	-52.78	-13.00	39.78	Horizontal
5	12144.75	-40.48	39.84	-51.06	-13.00	38.06	Horizontal
6	15417.75	-37.59	39.45	-50.96	-13.00	37.96	Horizontal

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3263.25	-44.03	28.55	-61.11	-13.00	48.11	Vertical
2	4851.75	-42.00	30.91	-50.55	-13.00	37.55	Vertical
3	6522	-40.44	34.69	-53.89	-13.00	40.89	Vertical
4	9138	-40.57	37.38	-53.36	-13.00	40.36	Vertical
5	12101.25	-40.08	39.80	-50.54	-13.00	37.54	Vertical
6	14609.25	-40.49	41.78	-50.01	-13.00	37.01	Vertical

1.6. Test Band = LTE CA-66C_ TM1

1.6.1. Test Channel = High

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3475.5	-44.17	29.06	-61.68	-13.00	48.68	Horizontal
2	5792.25	-40.30	32.62	-55.25	-13.00	42.25	Horizontal
3	7644.75	-40.40	36.81	-53.35	-13.00	40.35	Horizontal
4	10144.5	-40.52	38.72	-52.42	-13.00	39.42	Horizontal
5	12479.25	-40.15	39.34	-50.98	-13.00	37.98	Horizontal
6	15587.25	-37.02	38.85	-50.79	-13.00	37.79	Horizontal

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3264	-44.03	28.56	-61.17	-13.00	48.17	Vertical
2	4960.5	-41.67	30.74	-53.32	-13.00	40.32	Vertical
3	7278.75	-40.53	36.66	-50.42	-13.00	37.42	Vertical
4	10000.5	-40.04	38.40	-52.41	-13.00	39.41	Vertical
5	13212.75	-40.18	39.51	-51.17	-13.00	38.17	Vertical
6	16732.5	-38.25	39.77	-50.22	-13.00	37.22	Vertical

External Antenna DX1H

1.7. Test Band = LTE CA-48C_ TM1

1.7.1. Test Channel = Low

Final Data List

NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7150.7917	-40.36	36.10	-46.67	-40.00	6.67	Horizontal
2	10726.25	-40.26	39.23	-48.28	-40.00	8.28	Horizontal
3	12320.7917	-40.49	39.50	-50.86	-40.00	10.86	Horizontal
4	14244.4167	-40.47	41.73	-49.80	-40.00	9.80	Horizontal
5	16245.0417	-36.26	38.31	-51.12	-40.00	11.12	Horizontal
6	17554.0417	-42.18	44.72	-50.18	-40.00	10.18	Horizontal

Final Data List

NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7150.7917	-40.36	36.10	-48.91	-40.00	8.91	Vertical
2	10726.25	-40.26	39.23	-46.47	-40.00	6.47	Vertical
3	12131.0417	-40.47	39.83	-50.72	-40.00	10.72	Vertical
4	14042.2917	-40.21	41.15	-50.56	-40.00	10.56	Vertical
5	16175.8333	-36.36	38.40	-50.76	-40.00	10.76	Vertical
6	17578.3333	-42.15	44.81	-50.28	-40.00	10.28	Vertical

1.8. Test Band = LTE CA-48C_ TM1

1.8.1. Test Channel = Mid

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7261.25	-40.33	36.62	-48.30	-40.00	8.30	Horizontal
2	10891.25	-40.69	39.85	-50.45	-40.00	10.45	Horizontal
3	12128.75	-40.47	39.83	-50.21	-40.00	10.21	Horizontal
4	13646.2917	-40.63	40.45	-50.86	-40.00	10.86	Horizontal
5	15409.5	-36.86	39.47	-50.36	-40.00	10.36	Horizontal
6	16904.5833	-38.79	40.52	-50.81	-40.00	10.81	Horizontal

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7261.25	-40.33	36.62	-48.82	-40.00	8.82	Vertical
2	10891.25	-40.69	39.85	-48.26	-40.00	8.26	Vertical
3	12266.7083	-40.49	39.63	-50.96	-40.00	10.96	Vertical
4	13683.875	-40.35	40.48	-50.77	-40.00	10.77	Vertical
5	15537.375	-36.54	39.05	-50.33	-40.00	10.33	Vertical
6	17559.5417	-42.17	44.74	-49.78	-40.00	9.78	Vertical

1.9. Test Band = LTE CA-48C_ TM1

1.9.1. Test Channel = High

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7371.25	-40.63	36.63	-49.79	-40.00	9.79	Horizontal
2	10700.5833	-40.15	39.20	-51.36	-40.00	11.36	Horizontal
3	12111.3333	-40.51	39.81	-50.85	-40.00	10.85	Horizontal
4	13865.8333	-40.26	40.43	-50.92	-40.00	10.92	Horizontal
5	15771.5833	-36.42	38.51	-50.96	-40.00	10.96	Horizontal
6	17550.8333	-42.18	44.70	-49.80	-40.00	9.80	Horizontal

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7371.25	-40.63	36.63	-47.09	-40.00	7.09	Vertical
2	11056.25	-41.58	40.46	-48.70	-40.00	8.70	Vertical
3	12819	-40.32	39.26	-51.12	-40.00	11.12	Vertical
4	14233.875	-40.40	41.70	-49.93	-40.00	9.93	Vertical
5	16165.75	-36.42	38.40	-51.26	-40.00	11.26	Vertical
6	17565.5	-42.16	44.76	-49.92	-40.00	9.92	Vertical

External Antenna EX1H

1.10. Test Band = LTE CA-48C_ TM1

1.10.1. Test Channel = Low

Final Data List

NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7150.7917	-40.36	36.10	-48.89	-40.00	8.89	Horizontal
2	10725.7917	-40.26	39.23	-51.07	-40.00	11.07	Horizontal
3	12466.0833	-40.66	39.37	-51.24	-40.00	11.24	Horizontal
4	14122.9583	-40.42	41.52	-49.87	-40.00	9.87	Horizontal
5	15848.5833	-36.61	38.21	-51.45	-40.00	11.45	Horizontal
6	17566.4167	-42.16	44.77	-49.83	-40.00	9.83	Horizontal

Final Data List

NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7150.7917	-40.36	36.10	-48.10	-40.00	8.10	Vertical
2	10726.25	-40.26	39.23	-46.36	-40.00	6.36	Vertical
3	13032.125	-40.25	39.60	-50.81	-40.00	10.81	Vertical
4	15009.8333	-36.43	40.96	-47.44	-40.00	7.44	Vertical
5	16926.5833	-39.23	40.63	-51.15	-40.00	11.15	Vertical
6	17972.9583	-46.04	47.41	-51.07	-40.00	11.07	Vertical

1.11. Test Band = LTE CA-48C_ TM1

1.11.1. Test Channel = Mid

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7221.375	-40.48	36.43	-47.86	-40.00	7.86	Horizontal
2	9278.375	-40.45	37.33	-54.64	-40.00	14.64	Horizontal
3	10832.5833	-40.62	39.50	-50.32	-40.00	10.32	Horizontal
4	13097.2083	-40.26	39.79	-51.00	-40.00	11.00	Horizontal
5	15017.625	-36.45	40.93	-46.98	-40.00	6.98	Horizontal
6	17551.2917	-42.18	44.71	-49.66	-40.00	9.66	Horizontal

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7221.375	-40.48	36.43	-48.05	-40.00	8.05	Vertical
2	9175.25	-40.89	37.30	-54.04	-40.00	14.04	Vertical
3	10832.125	-40.62	39.49	-46.84	-40.00	6.84	Vertical
4	13068.7917	-40.26	39.71	-50.60	-40.00	10.60	Vertical
5	15045.5833	-36.52	40.82	-46.80	-40.00	6.80	Vertical
6	17562.75	-42.17	44.75	-49.80	-40.00	9.80	Vertical

1.12. Test Band = LTE CA-48C_ TM1

1.12.1. Test Channel = High

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7331.375	-40.38	36.76	-47.97	-40.00	7.97	Horizontal
2	9134.9167	-40.74	37.37	-54.36	-40.00	14.36	Horizontal
3	10750.5417	-40.37	39.25	-51.18	-40.00	11.18	Horizontal
4	12209.875	-40.35	39.86	-50.90	-40.00	10.90	Horizontal
5	14281.5417	-40.69	41.84	-49.86	-40.00	9.86	Horizontal
6	16248.25	-36.26	38.30	-51.59	-40.00	11.59	Horizontal

Final Data List							
NO.	Frequency [MHz]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7331.375	-40.38	36.76	-49.21	-40.00	9.21	Vertical
2	9218.7917	-40.85	37.31	-54.46	-40.00	14.46	Vertical
3	10997.5833	-40.91	40.39	-47.88	-40.00	7.88	Vertical
4	12819.9167	-40.32	39.26	-51.47	-40.00	11.47	Vertical
5	14845.75	-38.04	41.30	-49.30	-40.00	9.30	Vertical
6	16905.9583	-38.82	40.53	-50.87	-40.00	10.87	Vertical

- End of the Appendix -