

LTE Band 2/ 3 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.756	-72.82	-4.11	-76.93	-13.00	-63.93	Peak
2	136.875	-71.30	-1.88	-73.18	-13.00	-60.18	Peak
3	233.488	-76.27	0.49	-75.78	-13.00	-62.78	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-72.99	-4.18	-77.17	-13.00	-64.17	Peak
2	137.840	-73.22	-1.76	-74.98	-13.00	-61.98	Peak
3	195.870	-72.99	-0.48	-73.47	-13.00	-60.47	Peak

LTE Band 2/ 3 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-73.28	-4.18	-77.46	-13.00	-64.46	Peak
2	136.875	-73.32	-1.88	-75.20	-13.00	-62.20	Peak
3	191.784	-73.68	-0.49	-74.17	-13.00	-61.17	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	51.536	-74.69	-3.72	-78.41	-13.00	-65.41	Peak
2	106.281	-77.32	-2.31	-79.63	-13.00	-66.63	Peak
3	471.467	-81.26	5.47	-75.79	-13.00	-62.79	Peak

LTE Band 2/ 3 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	50.461	-72.54	-3.79	-76.33	-13.00	-63.33	Peak
2	107.785	-76.62	-2.14	-78.76	-13.00	-65.76	Peak
3	134.965	-76.13	-2.12	-78.25	-13.00	-65.25	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-72.57	-4.18	-76.75	-13.00	-63.75	Peak
2	104.798	-75.98	-2.42	-78.40	-13.00	-65.40	Peak
3	134.019	-75.84	-2.10	-77.94	-13.00	-64.94	Peak

LTE Band 2/ 5 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.756	-72.82	-4.11	-76.93	-13.00	-63.93	Peak
2	136.875	-71.30	-1.88	-73.18	-13.00	-60.18	Peak
3	191.784	-74.29	-0.49	-74.78	-13.00	-61.78	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-73.56	-4.18	-77.74	-13.00	-64.74	Peak
2	124.925	-75.91	-1.89	-77.80	-13.00	-64.80	Peak
3	191.784	-75.42	-0.49	-75.91	-13.00	-62.91	Peak

LTE Band 2/ 5 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-74.05	-3.46	-77.51	-13.00	-64.51	Peak
2	135.916	-76.26	-2.00	-78.26	-13.00	-65.26	Peak
3	433.340	-79.54	5.20	-74.34	-13.00	-61.34	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-73.51	-3.46	-76.97	-13.00	-63.97	Peak
2	108.546	-75.89	-2.07	-77.96	-13.00	-64.96	Peak
3	368.668	-81.18	3.68	-77.50	-13.00	-64.50	Peak

LTE Band 2/ 5 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.379	-72.02	-4.01	-76.03	-13.00	-63.03	Peak
2	107.785	-75.94	-2.14	-78.08	-13.00	-65.08	Peak
3	135.916	-75.79	-2.00	-77.79	-13.00	-64.79	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-73.22	-4.18	-77.40	-13.00	-64.40	Peak
2	104.798	-74.76	-2.42	-77.18	-13.00	-64.18	Peak
3	135.916	-76.24	-2.00	-78.24	-13.00	-65.24	Peak

LTE Band 2/ 10 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	48.378	-74.38	-3.57	-77.95	-13.00	-64.95	Peak
2	105.537	-76.31	-2.39	-78.70	-13.00	-65.70	Peak
3	190.441	-77.67	-0.49	-78.16	-13.00	-65.16	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-73.95	-3.46	-77.41	-13.00	-64.41	Peak
2	134.019	-74.43	-2.10	-76.53	-13.00	-63.53	Peak
3	191.784	-74.80	-0.49	-75.29	-13.00	-62.29	Peak

LTE Band 2/ 10 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.756	-72.11	-4.11	-76.22	-13.00	-63.22	Peak
2	109.311	-76.59	-1.98	-78.57	-13.00	-65.57	Peak
3	298.593	-80.00	2.46	-77.54	-13.00	-64.54	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-73.06	-3.46	-76.52	-13.00	-63.52	Peak
2	107.031	-75.51	-2.23	-77.74	-13.00	-64.74	Peak
3	134.019	-75.36	-2.10	-77.46	-13.00	-64.46	Peak

LTE Band 2/ 10 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-72.35	-4.18	-76.53	-13.00	-63.53	Peak
2	69.230	-74.09	-4.11	-78.20	-13.00	-65.20	Peak
3	105.537	-75.74	-2.39	-78.13	-13.00	-65.13	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	50.461	-73.14	-3.79	-76.93	-13.00	-63.93	Peak
2	68.264	-73.69	-4.20	-77.89	-13.00	-64.89	Peak
3	134.965	-75.90	-2.12	-78.02	-13.00	-65.02	Peak

LTE Band 2/ 15 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-73.62	-4.18	-77.80	-13.00	-64.80	Peak
2	124.925	-76.81	-1.89	-78.70	-13.00	-65.70	Peak
3	194.499	-77.29	-0.47	-77.76	-13.00	-64.76	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-74.27	-4.18	-78.45	-13.00	-65.45	Peak
2	135.916	-71.98	-2.00	-73.98	-13.00	-60.98	Peak
3	191.784	-74.00	-0.49	-74.49	-13.00	-61.49	Peak

LTE Band 2/ 15 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-72.41	-3.46	-75.87	-13.00	-62.87	Peak
2	103.335	-75.01	-2.29	-77.30	-13.00	-64.30	Peak
3	135.916	-76.05	-2.00	-78.05	-13.00	-65.05	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.379	-72.29	-4.01	-76.30	-13.00	-63.30	Peak
2	69.230	-73.18	-4.11	-77.29	-13.00	-64.29	Peak
3	125.806	-76.68	-1.92	-78.60	-13.00	-65.60	Peak

LTE Band 2/ 15 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.379	-71.81	-4.01	-75.82	-13.00	-62.82	Peak
2	103.335	-74.62	-2.29	-76.91	-13.00	-63.91	Peak
3	135.916	-75.52	-2.00	-77.52	-13.00	-64.52	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.756	-72.42	-4.11	-76.53	-13.00	-63.53	Peak
2	108.546	-74.94	-2.07	-77.01	-13.00	-64.01	Peak
3	133.081	-76.29	-2.09	-78.38	-13.00	-65.38	Peak

LTE Band 2/ 20 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.379	-73.29	-4.01	-77.30	-13.00	-64.30	Peak
2	135.916	-70.95	-2.00	-72.95	-13.00	-59.95	Peak
3	194.499	-70.76	-0.47	-71.23	-13.00	-58.23	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.379	-73.29	-4.01	-77.30	-13.00	-64.30	Peak
2	134.019	-73.41	-2.10	-75.51	-13.00	-62.51	Peak
3	191.784	-74.47	-0.49	-74.96	-13.00	-61.96	Peak

LTE Band 2/ 20 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.756	-72.51	-4.11	-76.62	-13.00	-63.62	Peak
2	69.718	-74.68	-4.05	-78.73	-13.00	-65.73	Peak
3	133.081	-75.75	-2.09	-77.84	-13.00	-64.84	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-72.04	-4.18	-76.22	-13.00	-63.22	Peak
2	68.264	-74.80	-4.20	-79.00	-13.00	-66.00	Peak
3	133.081	-76.10	-2.09	-78.19	-13.00	-65.19	Peak

LTE Band 2/ 20 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	52.634	-72.47	-3.85	-76.32	-13.00	-63.32	Peak
2	104.798	-75.65	-2.42	-78.07	-13.00	-65.07	Peak
3	134.019	-76.23	-2.10	-78.33	-13.00	-65.33	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-72.58	-4.18	-76.76	-13.00	-63.76	Peak
2	106.281	-75.83	-2.31	-78.14	-13.00	-65.14	Peak
3	135.916	-76.47	-2.00	-78.47	-13.00	-65.47	Peak

LTE Band 4/ 1.4 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-74.03	-3.46	-77.49	-13.00	-64.49	Peak
2	66.371	-73.99	-4.40	-78.39	-13.00	-65.39	Peak
3	134.965	-75.58	-2.12	-77.70	-13.00	-64.70	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-72.96	-3.46	-76.42	-13.00	-63.42	Peak
2	69.718	-74.67	-4.05	-78.72	-13.00	-65.72	Peak
3	106.281	-74.72	-2.31	-77.03	-13.00	-64.03	Peak



LTE Band 4/ 1.4 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	51.900	-73.38	-3.71	-77.09	-13.00	-64.09	Peak
2	134.019	-74.45	-2.10	-76.55	-13.00	-63.55	Peak
3	195.870	-74.76	-0.48	-75.24	-13.00	-62.24	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.756	-72.49	-4.11	-76.60	-13.00	-63.60	Peak
2	134.019	-73.13	-2.10	-75.23	-13.00	-62.23	Peak
3	193.137	-73.60	-0.47	-74.07	-13.00	-61.07	Peak

LTE Band 4/ 1.4 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-74.11	-3.46	-77.57	-13.00	-64.57	Peak
2	106.281	-76.25	-2.31	-78.56	-13.00	-65.56	Peak
3	195.870	-79.49	-0.48	-79.97	-13.00	-66.97	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-72.63	-4.18	-76.81	-13.00	-63.81	Peak
2	134.019	-71.80	-2.10	-73.90	-13.00	-60.90	Peak
3	194.499	-73.72	-0.47	-74.19	-13.00	-61.19	Peak

LTE Band 4/ 3 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-72.63	-3.46	-76.09	-13.00	-63.09	Peak
2	73.750	-74.43	-3.78	-78.21	-13.00	-65.21	Peak
3	106.281	-74.97	-2.31	-77.28	-13.00	-64.28	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.379	-73.22	-4.01	-77.23	-13.00	-64.23	Peak
2	68.264	-74.99	-4.20	-79.19	-13.00	-66.19	Peak
3	106.281	-76.10	-2.31	-78.41	-13.00	-65.41	Peak

LTE Band 4/ 3 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.379	-73.26	-4.01	-77.27	-13.00	-64.27	Peak
2	134.019	-72.38	-2.10	-74.48	-13.00	-61.48	Peak
3	194.499	-73.17	-0.47	-73.64	-13.00	-60.64	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-72.18	-4.18	-76.36	-13.00	-63.36	Peak
2	135.916	-72.76	-2.00	-74.76	-13.00	-61.76	Peak
3	194.499	-72.99	-0.47	-73.46	-13.00	-60.46	Peak

LTE Band 4/ 3 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-72.28	-4.18	-76.46	-13.00	-63.46	Peak
2	133.081	-72.97	-2.09	-75.06	-13.00	-62.06	Peak
3	194.499	-72.81	-0.47	-73.28	-13.00	-60.28	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-72.14	-4.18	-76.32	-13.00	-63.32	Peak
2	135.916	-71.64	-2.00	-73.64	-13.00	-60.64	Peak
3	193.137	-72.87	-0.47	-73.34	-13.00	-60.34	Peak

LTE Band 4/ 5 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.756	-72.90	-4.11	-77.01	-13.00	-64.01	Peak
2	135.916	-73.59	-2.00	-75.59	-13.00	-62.59	Peak
3	194.499	-74.18	-0.47	-74.65	-13.00	-61.65	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.379	-72.93	-4.01	-76.94	-13.00	-63.94	Peak
2	137.840	-72.81	-1.76	-74.57	-13.00	-61.57	Peak
3	194.499	-72.68	-0.47	-73.15	-13.00	-60.15	Peak

LTE Band 4/ 5 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-72.48	-4.18	-76.66	-13.00	-63.66	Peak
2	135.916	-72.06	-2.00	-74.06	-13.00	-61.06	Peak
3	194.499	-72.39	-0.47	-72.86	-13.00	-59.86	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-72.64	-4.18	-76.82	-13.00	-63.82	Peak
2	136.875	-73.30	-1.88	-75.18	-13.00	-62.18	Peak
3	193.137	-73.19	-0.47	-73.66	-13.00	-60.66	Peak

LTE Band 4/ 5 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	50.461	-72.68	-3.79	-76.47	-13.00	-63.47	Peak
2	135.916	-72.47	-2.00	-74.47	-13.00	-61.47	Peak
3	194.499	-72.85	-0.47	-73.32	-13.00	-60.32	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.756	-72.45	-4.11	-76.56	-13.00	-63.56	Peak
2	134.965	-71.90	-2.12	-74.02	-13.00	-61.02	Peak
3	191.784	-73.08	-0.49	-73.57	-13.00	-60.57	Peak

LTE Band 4/ 10 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	50.108	-71.94	-3.80	-75.74	-13.00	-62.74	Peak
2	134.019	-74.61	-2.10	-76.71	-13.00	-63.71	Peak
3	193.137	-74.95	-0.47	-75.42	-13.00	-62.42	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	51.900	-73.64	-3.71	-77.35	-13.00	-64.35	Peak
2	109.311	-75.76	-1.98	-77.74	-13.00	-64.74	Peak
3	195.870	-77.06	-0.48	-77.54	-13.00	-64.54	Peak

LTE Band 4/ 10 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	50.461	-73.20	-3.79	-76.99	-13.00	-63.99	Peak
2	135.916	-72.42	-2.00	-74.42	-13.00	-61.42	Peak
3	194.499	-73.16	-0.47	-73.63	-13.00	-60.63	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-73.95	-3.46	-77.41	-13.00	-64.41	Peak
2	135.916	-72.57	-2.00	-74.57	-13.00	-61.57	Peak
3	194.499	-72.89	-0.47	-73.36	-13.00	-60.36	Peak

LTE Band 4/ 10 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.379	-72.73	-4.01	-76.74	-13.00	-63.74	Peak
2	136.875	-73.03	-1.88	-74.91	-13.00	-61.91	Peak
3	195.870	-73.21	-0.48	-73.69	-13.00	-60.69	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	43.845	-74.05	-2.34	-76.39	-13.00	-63.39	Peak
2	135.916	-72.81	-2.00	-74.81	-13.00	-61.81	Peak
3	194.499	-72.36	-0.47	-72.83	-13.00	-59.83	Peak

LTE Band 4/ 15 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	50.108	-72.95	-3.80	-76.75	-13.00	-63.75	Peak
2	135.916	-75.63	-2.00	-77.63	-13.00	-64.63	Peak
3	195.870	-76.94	-0.48	-77.42	-13.00	-64.42	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-72.93	-3.46	-76.39	-13.00	-63.39	Peak
2	135.916	-75.54	-2.00	-77.54	-13.00	-64.54	Peak
3	191.784	-75.29	-0.49	-75.78	-13.00	-62.78	Peak

LTE Band 4/ 15 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-72.05	-4.18	-76.23	-13.00	-63.23	Peak
2	135.916	-73.17	-2.00	-75.17	-13.00	-62.17	Peak
3	194.499	-73.38	-0.47	-73.85	-13.00	-60.85	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-72.77	-3.46	-76.23	-13.00	-63.23	Peak
2	137.840	-72.13	-1.76	-73.89	-13.00	-60.89	Peak
3	191.784	-72.30	-0.49	-72.79	-13.00	-59.79	Peak

LTE Band 4/ 15 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-71.43	-4.18	-75.61	-13.00	-62.61	Peak
2	134.965	-71.46	-2.12	-73.58	-13.00	-60.58	Peak
3	194.499	-72.43	-0.47	-72.90	-13.00	-59.90	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	50.461	-73.11	-3.79	-76.90	-13.00	-63.90	Peak
2	107.785	-76.18	-2.14	-78.32	-13.00	-65.32	Peak
3	368.668	-79.75	3.68	-76.07	-13.00	-63.07	Peak

LTE Band 4/ 20 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-72.85	-3.46	-76.31	-13.00	-63.31	Peak
2	135.916	-73.21	-2.00	-75.21	-13.00	-62.21	Peak
3	193.137	-73.56	-0.47	-74.03	-13.00	-61.03	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-72.93	-3.46	-76.39	-13.00	-63.39	Peak
2	135.916	-74.51	-2.00	-76.51	-13.00	-63.51	Peak
3	194.499	-74.82	-0.47	-75.29	-13.00	-62.29	Peak

LTE Band 4/ 20 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-73.35	-3.46	-76.81	-13.00	-63.81	Peak
2	106.281	-76.16	-2.31	-78.47	-13.00	-65.47	Peak
3	300.699	-80.17	2.40	-77.77	-13.00	-64.77	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.379	-72.93	-4.01	-76.94	-13.00	-63.94	Peak
2	134.965	-72.29	-2.12	-74.41	-13.00	-61.41	Peak
3	194.499	-73.41	-0.47	-73.88	-13.00	-60.88	Peak



**LTE Band 4/ 20 MHz \_Highest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.379	-71.85	-4.01	-75.86	-13.00	-62.86	Peak
2	105.537	-75.56	-2.39	-77.95	-13.00	-64.95	Peak
3	135.916	-75.61	-2.00	-77.61	-13.00	-64.61	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	50.461	-73.97	-3.79	-77.76	-13.00	-64.76	Peak
2	134.019	-76.38	-2.10	-78.48	-13.00	-65.48	Peak
3	498.730	-81.63	6.10	-75.53	-13.00	-62.53	Peak

**LTE Band 5/ 1.4 MHz \_Lowest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	38.096	-89.73	29.02	-60.71	-13.00	-47.71	Peak
2	181.300	-89.84	28.00	-61.84	-13.00	-48.84	Peak
3	538.811	-87.70	36.02	-51.68	-13.00	-38.68	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.184	-91.57	32.93	-58.64	-13.00	-45.64	Peak
2	125.806	-88.07	26.69	-61.38	-13.00	-48.38	Peak
3	628.894	-88.45	38.08	-50.37	-13.00	-37.37	Peak

LTE Band 5/ 1.4 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.735	-91.23	33.29	-57.94	-13.00	-44.94	Peak
2	280.294	-89.58	30.37	-59.21	-13.00	-46.21	Peak
3	760.287	-87.62	40.00	-47.62	-13.00	-34.62	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.184	-90.22	32.93	-57.29	-13.00	-44.29	Peak
2	155.331	-89.21	27.36	-61.85	-13.00	-48.85	Peak
3	679.435	-88.32	38.79	-49.53	-13.00	-36.53	Peak

LTE Band 5/ 1.4 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.735	-91.79	33.29	-58.50	-13.00	-45.50	Peak
2	131.224	-88.60	26.53	-62.07	-13.00	-49.07	Peak
3	703.731	-87.82	39.09	-48.73	-13.00	-35.73	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.184	-89.35	32.93	-56.42	-13.00	-43.42	Peak
2	190.441	-89.57	27.89	-61.68	-13.00	-48.68	Peak
3	674.677	-88.58	38.64	-49.94	-13.00	-36.94	Peak

LTE Band 5/ 3 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.513	-92.91	33.44	-59.47	-13.00	-46.47	Peak
2	156.426	-89.11	27.44	-61.67	-13.00	-48.67	Peak
3	674.677	-88.91	38.64	-50.27	-13.00	-37.27	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	30.639	-92.22	34.04	-58.18	-13.00	-45.18	Peak
2	121.462	-89.32	26.57	-62.75	-13.00	-49.75	Peak
3	665.261	-88.00	38.43	-49.57	-13.00	-36.57	Peak

LTE Band 5/ 3 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	34.285	-91.14	31.14	-60.00	-13.00	-47.00	Peak
2	243.543	-88.32	29.30	-59.02	-13.00	-46.02	Peak
3	771.047	-86.60	40.01	-46.59	-13.00	-33.59	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.411	-91.54	32.74	-58.80	-13.00	-45.80	Peak
2	341.244	-87.53	31.88	-55.65	-13.00	-42.65	Peak
3	703.731	-87.88	39.09	-48.79	-13.00	-35.79	Peak

LTE Band 5/ 3 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	30.855	-92.19	33.89	-58.30	-13.00	-45.30	Peak
2	300.699	-88.85	30.40	-58.45	-13.00	-45.45	Peak
3	771.047	-88.56	40.01	-48.55	-13.00	-35.55	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.959	-92.62	33.13	-59.49	-13.00	-46.49	Peak
2	95.649	-89.10	26.37	-62.73	-13.00	-49.73	Peak
3	771.047	-88.36	40.01	-48.35	-13.00	-35.35	Peak

LTE Band 5/ 5 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.184	-89.61	32.93	-56.68	-13.00	-43.68	Peak
2	200.043	-88.58	27.72	-60.86	-13.00	-47.86	Peak
3	602.929	-88.59	37.69	-50.90	-13.00	-37.90	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	42.931	-87.77	27.03	-60.74	-13.00	-47.74	Peak
2	141.769	-88.95	27.09	-61.86	-13.00	-48.86	Peak
3	655.977	-88.15	38.23	-49.92	-13.00	-36.92	Peak

LTE Band 5/ 5 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.959	-91.96	33.13	-58.83	-13.00	-45.83	Peak
2	194.499	-89.78	27.90	-61.88	-13.00	-48.88	Peak
3	723.793	-88.48	39.08	-49.40	-13.00	-36.40	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.184	-92.08	32.93	-59.15	-13.00	-46.15	Peak
2	343.651	-90.21	31.96	-58.25	-13.00	-45.25	Peak
3	744.427	-87.76	39.42	-48.34	-13.00	-35.34	Peak

LTE Band 5/ 5 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.513	-91.72	33.44	-58.28	-13.00	-45.28	Peak
2	160.885	-89.35	27.65	-61.70	-13.00	-48.70	Peak
3	713.692	-87.67	38.97	-48.70	-13.00	-35.70	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.184	-91.39	32.93	-58.46	-13.00	-45.46	Peak
2	165.472	-88.53	27.57	-60.96	-13.00	-47.96	Peak
3	760.287	-88.71	40.00	-48.71	-13.00	-35.71	Peak

LTE Band 5/ 10 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.959	-91.43	33.13	-58.30	-13.00	-45.30	Peak
2	127.586	-89.22	26.63	-62.59	-13.00	-49.59	Peak
3	679.435	-87.73	38.79	-48.94	-13.00	-35.94	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	30.855	-92.37	33.89	-58.48	-13.00	-45.48	Peak
2	266.839	-88.49	29.98	-58.51	-13.00	-45.51	Peak
3	615.774	-87.55	37.92	-49.63	-13.00	-36.63	Peak

LTE Band 5/ 10 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.184	-92.09	32.93	-59.16	-13.00	-46.16	Peak
2	165.472	-89.33	27.57	-61.76	-13.00	-48.76	Peak
3	728.897	-88.13	39.25	-48.88	-13.00	-35.88	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.292	-92.89	33.59	-59.30	-13.00	-46.30	Peak
2	165.472	-89.41	27.57	-61.84	-13.00	-48.84	Peak
3	620.117	-90.07	37.97	-52.10	-13.00	-39.10	Peak

LTE Band 5/ 10 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	42.931	-88.58	27.03	-61.55	-13.00	-48.55	Peak
2	395.507	-89.32	33.05	-56.27	-13.00	-43.27	Peak
3	723.793	-87.48	39.08	-48.40	-13.00	-35.40	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.735	-92.26	33.29	-58.97	-13.00	-45.97	Peak
2	471.467	-88.38	34.58	-53.80	-13.00	-40.80	Peak
3	689.051	-89.12	38.83	-50.29	-13.00	-37.29	Peak

LTE Band 12/ 1.4 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	37.565	-91.56	29.28	-62.28	-13.00	-49.28	Peak
2	418.378	-88.78	33.56	-55.22	-13.00	-42.22	Peak
3	531.291	-89.78	35.90	-53.88	-13.00	-40.88	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	30.855	-92.38	33.89	-58.49	-13.00	-45.49	Peak
2	191.784	-89.61	27.89	-61.72	-13.00	-48.72	Peak
3	531.291	-88.84	35.90	-52.94	-13.00	-39.94	Peak

LTE Band 12/ 1.4 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.640	-91.59	32.53	-59.06	-13.00	-46.06	Peak
2	255.823	-89.48	29.45	-60.03	-13.00	-47.03	Peak
3	615.774	-88.24	37.92	-50.32	-13.00	-37.32	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	42.931	-88.53	27.03	-61.50	-13.00	-48.50	Peak
2	276.382	-88.45	30.14	-58.31	-13.00	-45.31	Peak
3	660.602	-88.51	38.38	-50.13	-13.00	-37.13	Peak

LTE Band 12/ 1.4 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	37.041	-90.89	29.54	-61.35	-13.00	-48.35	Peak
2	121.462	-87.60	26.57	-61.03	-13.00	-48.03	Peak
3	615.774	-88.70	37.92	-50.78	-13.00	-37.78	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	30.855	-91.56	33.89	-57.67	-13.00	-44.67	Peak
2	183.866	-90.08	28.11	-61.97	-13.00	-48.97	Peak
3	628.894	-88.49	38.08	-50.41	-13.00	-37.41	Peak

LTE Band 12/ 3 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.513	-92.28	33.44	-58.84	-13.00	-45.84	Peak
2	71.203	-89.20	24.82	-64.38	-13.00	-51.38	Peak
3	628.894	-87.53	38.08	-49.45	-13.00	-36.45	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.184	-92.95	32.93	-60.02	-13.00	-47.02	Peak
2	307.105	-90.06	30.43	-59.63	-13.00	-46.63	Peak
3	578.036	-88.75	36.74	-52.01	-13.00	-39.01	Peak



LTE Band 12/ 3 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.073	-91.63	33.74	-57.89	-13.00	-44.89	Peak
2	96.323	-89.19	26.42	-62.77	-13.00	-49.77	Peak
3	276.382	-88.27	30.14	-58.13	-13.00	-45.13	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.870	-91.68	32.33	-59.35	-13.00	-46.35	Peak
2	298.593	-89.40	30.46	-58.94	-13.00	-45.94	Peak
3	607.181	-89.57	37.78	-51.79	-13.00	-38.79	Peak

LTE Band 12/ 3 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	30.855	-92.56	33.89	-58.67	-13.00	-45.67	Peak
2	130.305	-88.39	26.53	-61.86	-13.00	-48.86	Peak
3	546.437	-88.05	36.01	-52.04	-13.00	-39.04	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	34.527	-91.41	30.99	-60.42	-13.00	-47.42	Peak
2	159.759	-88.72	27.65	-61.07	-13.00	-48.07	Peak
3	611.462	-89.51	37.86	-51.65	-13.00	-38.65	Peak

**LTE Band 12/ 5 MHz \_Lowest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	30.425	-92.86	34.18	-58.68	-13.00	-45.68	Peak
2	185.163	-89.56	28.15	-61.41	-13.00	-48.41	Peak
3	436.396	-89.21	34.10	-55.11	-13.00	-42.11	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.513	-92.73	33.44	-59.29	-13.00	-46.29	Peak
2	118.096	-88.91	26.60	-62.31	-13.00	-49.31	Peak
3	266.839	-88.37	29.98	-58.39	-13.00	-45.39	Peak

**LTE Band 12/ 5 MHz \_Middle Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	36.014	-90.47	30.04	-60.43	-13.00	-47.43	Peak
2	153.163	-89.73	27.18	-62.55	-13.00	-49.55	Peak
3	505.789	-90.40	35.30	-55.10	-13.00	-42.10	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.959	-91.87	33.13	-58.74	-13.00	-45.74	Peak
2	137.840	-90.12	26.81	-63.31	-13.00	-50.31	Peak
3	679.435	-87.13	38.79	-48.34	-13.00	-35.34	Peak

**LTE Band 12/ 5 MHz \_Highest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	42.630	-90.27	27.21	-63.06	-13.00	-50.06	Peak
2	178.770	-89.36	27.92	-61.44	-13.00	-48.44	Peak
3	637.795	-88.18	38.03	-50.15	-13.00	-37.15	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	42.931	-88.17	27.03	-61.14	-13.00	-48.14	Peak
2	176.275	-89.69	27.86	-61.83	-13.00	-48.83	Peak
3	418.378	-90.01	33.56	-56.45	-13.00	-43.45	Peak

**LTE Band 12/ 10 MHz \_Lowest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.640	-91.59	32.53	-59.06	-13.00	-46.06	Peak
2	186.468	-88.76	28.08	-60.68	-13.00	-47.68	Peak
3	633.328	-88.92	38.07	-50.85	-13.00	-37.85	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.073	-91.56	33.74	-57.82	-13.00	-44.82	Peak
2	95.649	-88.60	26.37	-62.23	-13.00	-49.23	Peak
3	655.977	-87.50	38.23	-49.27	-13.00	-36.27	Peak

LTE Band 12/ 10 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	30.855	-91.39	33.89	-57.50	-13.00	-44.50	Peak
2	261.273	-88.97	29.71	-59.26	-13.00	-46.26	Peak
3	615.774	-88.70	37.92	-50.78	-13.00	-37.78	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.073	-93.30	33.74	-59.56	-13.00	-46.56	Peak
2	155.331	-91.25	27.36	-63.89	-13.00	-50.89	Peak
3	642.292	-88.98	38.02	-50.96	-13.00	-37.96	Peak

LTE Band 12/ 10 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.184	-91.54	32.93	-58.61	-13.00	-45.61	Peak
2	156.426	-88.39	27.44	-60.95	-13.00	-47.95	Peak
3	488.326	-89.80	34.98	-54.82	-13.00	-41.82	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	33.335	-92.72	31.92	-60.80	-13.00	-47.80	Peak
2	175.040	-89.35	27.82	-61.53	-13.00	-48.53	Peak
3	665.261	-87.20	38.43	-48.77	-13.00	-35.77	Peak

**LTE Band 17/ 5 MHz \_Lowest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	38.636	-91.43	28.76	-62.67	-13.00	-49.67	Peak
2	92.997	-88.65	26.07	-62.58	-13.00	-49.58	Peak
3	546.437	-87.28	36.01	-51.27	-13.00	-38.27	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	94.979	-88.53	26.31	-62.22	-13.00	-49.22	Peak
2	172.598	-89.15	27.67	-61.48	-13.00	-48.48	Peak
3	495.238	-88.48	35.24	-53.24	-13.00	-40.24	Peak

**LTE Band 17/ 5 MHz \_Middle Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.184	-89.96	32.93	-57.03	-13.00	-44.03	Peak
2	320.331	-88.88	30.78	-58.10	-13.00	-45.10	Peak
3	594.514	-88.41	37.32	-51.09	-13.00	-38.09	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.870	-91.34	32.33	-59.01	-13.00	-46.01	Peak
2	257.627	-89.27	29.54	-59.73	-13.00	-46.73	Peak
3	628.894	-88.13	38.08	-50.05	-13.00	-37.05	Peak

**LTE Band 17/ 5 MHz \_Highest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.513	-92.23	33.44	-58.79	-13.00	-45.79	Peak
2	294.426	-89.26	30.58	-58.68	-13.00	-45.68	Peak
3	624.490	-88.41	38.02	-50.39	-13.00	-37.39	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	42.630	-88.62	27.21	-61.41	-13.00	-48.41	Peak
2	123.181	-88.56	26.64	-61.92	-13.00	-48.92	Peak
3	436.396	-88.95	34.10	-54.85	-13.00	-41.85	Peak

**LTE Band 17/ 10 MHz \_Lowest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.073	-91.53	33.74	-57.79	-13.00	-44.79	Peak
2	241.838	-88.21	29.30	-58.91	-13.00	-45.91	Peak
3	484.907	-88.46	34.90	-53.56	-13.00	-40.56	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.184	-89.60	32.93	-56.67	-13.00	-43.67	Peak
2	144.790	-88.56	27.10	-61.46	-13.00	-48.46	Peak
3	495.238	-88.97	35.24	-53.73	-13.00	-40.73	Peak

LTE Band 17/ 10 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	42.931	-89.78	27.03	-62.75	-13.00	-49.75	Peak
2	266.839	-89.96	29.98	-59.98	-13.00	-46.98	Peak
3	642.292	-88.48	38.02	-50.46	-13.00	-37.46	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	33.335	-90.60	31.92	-58.68	-13.00	-45.68	Peak
2	156.426	-89.77	27.44	-62.33	-13.00	-49.33	Peak
3	624.490	-88.58	38.02	-50.56	-13.00	-37.56	Peak

LTE Band 17/ 10 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	32.184	-92.45	32.93	-59.52	-13.00	-46.52	Peak
2	95.649	-89.29	26.37	-62.92	-13.00	-49.92	Peak
3	180.030	-88.20	27.94	-60.26	-13.00	-47.26	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	41.741	-91.95	27.65	-64.30	-13.00	-51.30	Peak
2	163.162	-89.61	27.61	-62.00	-13.00	-49.00	Peak
3	531.291	-89.76	35.90	-53.86	-13.00	-40.86	Peak

## 5.8.2 Radiated Emission Test Data (Above 1GHz)

### GSM 850 1Tx-slot\_Lowest Channel

#### Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1648.400	-55.19	2.39	-52.80	-13.00	-39.80	Peak
2	2472.600	-43.61	9.16	-34.45	-13.00	-21.45	Peak

#### Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1648.400	-47.80	4.03	-43.77	-13.00	-30.77	Peak
2	2472.600	-37.35	11.49	-25.86	-13.00	-12.86	Peak

### GSM 850 1Tx-slot\_Middle Channel

#### Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.200	-51.89	2.59	-49.30	-13.00	-36.30	Peak
2	2509.800	-63.54	9.17	-54.37	-13.00	-41.37	Peak

#### Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.200	-58.51	4.31	-54.20	-13.00	-41.20	Peak
2	2509.800	-63.98	11.46	-52.52	-13.00	-39.52	Peak



**GSM 850 1Tx-slot\_Highest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1697.600	-52.83	2.78	-50.05	-13.00	-37.05	Peak
2	2546.400	-37.61	9.22	-28.39	-13.00	-15.39	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1697.600	-50.01	4.59	-45.42	-13.00	-32.42	Peak
2	2546.400	-38.26	11.45	-26.81	-13.00	-13.81	Peak

**GSM 1900 1Tx-slot\_Lowest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3700.400	-71.02	13.77	-57.25	-13.00	-44.25	Peak
2	5550.600	-68.64	16.02	-52.62	-13.00	-39.62	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3700.400	-71.36	15.13	-56.23	-13.00	-43.23	Peak
2	5550.600	-66.06	16.91	-49.15	-13.00	-36.15	Peak

GSM 1900 1Tx-slot_Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-69.96	13.87	-56.09	-13.00	-43.09	Peak
2	5640.000	-66.85	16.10	-50.75	-13.00	-37.75	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-71.00	15.28	-55.72	-13.00	-42.72	Peak
2	5640.000	-66.60	16.97	-49.63	-13.00	-36.63	Peak

GSM 1900 1Tx-slot_Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3819.600	-70.87	13.98	-56.89	-13.00	-43.89	Peak
2	5729.400	-68.44	16.37	-52.07	-13.00	-39.07	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3819.600	-71.32	15.44	-55.88	-13.00	-42.88	Peak
2	5729.400	-66.93	17.23	-49.70	-13.00	-36.70	Peak

**WCDMA Band II RMC 12.2Kbps\_Lowest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3704.800	-66.29	13.78	-52.51	-13.00	-39.51	Peak
2	5557.200	-66.02	16.01	-50.01	-13.00	-37.01	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3704.800	-65.32	15.14	-50.18	-13.00	-37.18	Peak
2	5557.200	-63.92	16.90	-47.02	-13.00	-34.02	Peak

**WCDMA Band II RMC 12.2Kbps\_Middle Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-72.94	13.87	-59.07	-13.00	-46.07	Peak
2	5640.000	-67.02	16.10	-50.92	-13.00	-37.92	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-69.25	15.28	-53.97	-13.00	-40.97	Peak
2	5640.000	-65.90	16.97	-48.93	-13.00	-35.93	Peak

**WCDMA Band II RMC 12.2Kbps\_Highest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3815.200	-67.71	13.97	-53.74	-13.00	-40.74	Peak
2	5722.800	-63.81	16.35	-47.46	-13.00	-34.46	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3815.200	-65.12	15.43	-49.69	-13.00	-36.69	Peak
2	5722.800	-65.59	17.21	-48.38	-13.00	-35.38	Peak

**WCDMA Band IV RMC 12.2Kbps\_Lowest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3424.800	-65.56	12.45	-53.11	-13.00	-40.11	Peak
2	5137.200	-69.15	16.11	-53.04	-13.00	-40.04	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3424.800	-70.69	13.70	-56.99	-13.00	-43.99	Peak
2	5137.200	-67.60	17.08	-50.52	-13.00	-37.52	Peak

**WCDMA Band IV RMC 12.2Kbps\_Middle Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3424.800	-65.56	12.45	-53.11	-13.00	-40.11	Peak
2	5137.200	-69.15	16.11	-53.04	-13.00	-40.04	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3424.800	-70.69	13.70	-56.99	-13.00	-43.99	Peak
2	5137.200	-67.60	17.08	-50.52	-13.00	-37.52	Peak

**WCDMA Band IV RMC 12.2Kbps\_Highest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3505.200	-65.09	13.03	-52.06	-13.00	-39.06	Peak
2	5257.800	-66.14	16.20	-49.94	-13.00	-36.94	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3505.200	-66.40	14.24	-52.16	-13.00	-39.16	Peak
2	5257.800	-60.53	17.15	-43.38	-13.00	-30.38	Peak

**WCDMA Band V RMC 12.2Kbps\_Lowest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1652.800	-63.84	2.43	-61.41	-13.00	-48.41	Peak
2	2479.200	-60.65	9.16	-51.49	-13.00	-38.49	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1652.800	-60.05	4.08	-55.97	-13.00	-42.97	Peak
2	2479.200	-62.47	11.48	-50.99	-13.00	-37.99	Peak

**WCDMA Band V RMC 12.2Kbps\_Middle Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1672.800	-60.48	2.59	-57.89	-13.00	-44.89	Peak
2	2509.200	-64.41	9.17	-55.24	-13.00	-42.24	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1672.800	-58.99	4.31	-54.68	-13.00	-41.68	Peak
2	2509.200	-59.45	11.46	-47.99	-13.00	-34.99	Peak

**WCDMA Band V RMC 12.2Kbps\_Highest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1693.200	-62.41	2.75	-59.66	-13.00	-46.66	Peak
2	2539.800	-61.18	9.22	-51.96	-13.00	-38.96	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1693.200	-55.00	4.54	-50.46	-13.00	-37.46	Peak
2	2539.800	-59.05	11.45	-47.60	-13.00	-34.60	Peak

**LTE Band 2/ 1.4 MHz \_Lowest Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3681.329	-48.35	13.74	-34.61	-13.00	-21.61	Peak
2	7376.898	-59.76	18.85	-40.91	-13.00	-27.91	Peak

**Vertical**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3681.329	-48.48	15.08	-33.40	-13.00	-20.40	Peak
2	7376.898	-55.62	18.33	-37.29	-13.00	-24.29	Peak

**LTE Band 2/ 1.4 MHz \_Middle Channel**
**Horizontal**

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3745.858	-51.63	13.85	-37.78	-13.00	-24.78	Peak
2	7506.207	-59.70	19.08	-40.62	-13.00	-27.62	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3745.858	-48.11	15.25	-32.86	-13.00	-19.86	Peak
2	7506.207	-57.50	18.48	-39.02	-13.00	-26.02	Peak

LTE Band 2/ 1.4 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3811.519	-50.08	13.97	-36.11	-13.00	-23.11	Peak
2	7637.782	-57.44	19.11	-38.33	-13.00	-25.33	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3811.519	-49.36	15.42	-33.94	-13.00	-20.94	Peak
2	7637.782	-56.39	18.48	-37.91	-13.00	-24.91	Peak

LTE Band 2/ 3 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3681.329	-52.19	13.74	-38.45	-13.00	-25.45	Peak
2	7376.898	-57.92	18.85	-39.07	-13.00	-26.07	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3681.329	-50.94	15.08	-35.86	-13.00	-22.86	Peak
2	7376.898	-55.82	18.33	-37.49	-13.00	-24.49	Peak



LTE Band 2/ 3 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3745.858	-48.85	13.85	-35.00	-13.00	-22.00	Peak
2	7506.207	-56.93	19.08	-37.85	-13.00	-24.85	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3745.858	-50.43	15.25	-35.18	-13.00	-22.18	Peak
2	7506.207	-57.93	18.48	-39.45	-13.00	-26.45	Peak

LTE Band 2/ 3 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3811.519	-52.79	13.97	-38.82	-13.00	-25.82	Peak
2	7637.782	-58.60	19.11	-39.49	-13.00	-26.49	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3811.519	-48.34	15.42	-32.92	-13.00	-19.92	Peak
2	7637.782	-56.76	18.48	-38.28	-13.00	-25.28	Peak

LTE Band 2/ 5 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3681.329	-51.64	13.74	-37.90	-13.00	-24.90	Peak
2	7376.898	-58.53	18.85	-39.68	-13.00	-26.68	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3681.329	-51.50	15.08	-36.42	-13.00	-23.42	Peak
2	7376.898	-56.94	18.33	-38.61	-13.00	-25.61	Peak

LTE Band 2/ 5 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3745.858	-51.37	13.85	-37.52	-13.00	-24.52	Peak
2	7506.207	-60.55	19.08	-41.47	-13.00	-28.47	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3745.858	-50.59	15.25	-35.34	-13.00	-22.34	Peak
2	7506.207	-57.93	18.48	-39.45	-13.00	-26.45	Peak

LTE Band 2/ 5 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3811.519	-49.42	13.97	-35.45	-13.00	-22.45	Peak
2	7593.669	-58.20	19.09	-39.11	-13.00	-26.11	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3811.519	-48.12	15.42	-32.70	-13.00	-19.70	Peak
2	7593.669	-57.49	18.47	-39.02	-13.00	-26.02	Peak

LTE Band 2/ 10 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3681.329	-50.08	13.74	-36.34	-13.00	-23.34	Peak
2	7376.898	-58.67	18.85	-39.82	-13.00	-26.82	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3681.329	-49.15	15.08	-34.07	-13.00	-21.07	Peak
2	7376.898	-56.93	18.33	-38.60	-13.00	-25.60	Peak

LTE Band 2/ 10 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3745.858	-49.37	13.85	-35.52	-13.00	-22.52	Peak
2	7506.207	-57.63	19.08	-38.55	-13.00	-25.55	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3745.858	-49.63	15.25	-34.38	-13.00	-21.38	Peak
2	7506.207	-57.96	18.48	-39.48	-13.00	-26.48	Peak

LTE Band 2/ 10 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3789.505	-50.59	13.94	-36.65	-13.00	-23.65	Peak
2	7593.669	-59.55	19.09	-40.46	-13.00	-27.46	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3789.505	-48.66	15.37	-33.29	-13.00	-20.29	Peak
2	7593.669	-55.61	18.47	-37.14	-13.00	-24.14	Peak

LTE Band 2/ 15 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3681.329	-53.34	13.74	-39.60	-13.00	-26.60	Peak
2	7376.898	-59.12	18.85	-40.27	-13.00	-27.27	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3681.329	-47.85	15.08	-32.77	-13.00	-19.77	Peak
2	7376.898	-57.73	18.33	-39.40	-13.00	-26.40	Peak

LTE Band 2/ 15 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3724.224	-51.68	13.80	-37.88	-13.00	-24.88	Peak
2	7462.854	-58.67	19.01	-39.66	-13.00	-26.66	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3724.224	-46.58	15.18	-31.40	-13.00	-18.40	Peak
2	7462.854	-59.14	18.43	-40.71	-13.00	-27.71	Peak

LTE Band 2/ 15 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3789.505	-51.51	13.94	-37.57	-13.00	-24.57	Peak
2	7593.669	-59.38	19.09	-40.29	-13.00	-27.29	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3789.505	-49.74	15.37	-34.37	-13.00	-21.37	Peak
2	7593.669	-56.08	18.47	-37.61	-13.00	-24.61	Peak

LTE Band 2/ 20 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3702.714	-53.81	13.77	-40.04	-13.00	-27.04	Peak
2	7376.898	-59.09	18.85	-40.24	-13.00	-27.24	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3702.714	-50.07	15.13	-34.94	-13.00	-21.94	Peak
2	7376.898	-56.16	18.33	-37.83	-13.00	-24.83	Peak

LTE Band 2/ 20 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3724.224	-50.17	13.80	-36.37	-13.00	-23.37	Peak
2	7462.854	-57.94	19.01	-38.93	-13.00	-25.93	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3724.224	-51.55	15.18	-36.37	-13.00	-23.37	Peak
2	7462.854	-59.25	18.43	-40.82	-13.00	-27.82	Peak

LTE Band 2/ 20 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3767.619	-49.08	13.88	-35.20	-13.00	-22.20	Peak
2	7549.811	-58.70	19.09	-39.61	-13.00	-26.61	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3767.619	-44.67	15.30	-29.37	-13.00	-16.37	Peak
2	7549.811	-54.71	18.48	-36.23	-13.00	-23.23	Peak

LTE Band 4/ 1.4 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-51.26	12.37	-38.89	-13.00	-25.89	Peak
2	6841.814	-58.79	18.50	-40.29	-13.00	-27.29	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-48.53	13.63	-34.90	-13.00	-21.90	Peak
2	6841.814	-53.60	18.36	-35.24	-13.00	-22.24	Peak

LTE Band 4/ 1.4 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-50.07	12.66	-37.41	-13.00	-24.41	Peak
2	6921.535	-60.44	18.34	-42.10	-13.00	-29.10	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-47.14	13.89	-33.25	-13.00	-20.25	Peak
2	6921.535	-55.99	18.11	-37.88	-13.00	-24.88	Peak



LTE Band 4/ 1.4 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3494.334	-52.43	12.96	-39.47	-13.00	-26.47	Peak
2	7002.185	-59.46	18.17	-41.29	-13.00	-28.29	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3494.334	-49.43	14.17	-35.26	-13.00	-22.26	Peak
2	7002.185	-51.70	17.87	-33.83	-13.00	-20.83	Peak

LTE Band 4/ 3 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-52.36	12.37	-39.99	-13.00	-26.99	Peak
2	5121.445	-59.22	16.07	-43.15	-13.00	-30.15	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-49.30	13.63	-35.67	-13.00	-22.67	Peak
2	5121.445	-51.26	17.05	-34.21	-13.00	-21.21	Peak

LTE Band 4/ 3 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-48.03	12.66	-35.37	-13.00	-22.37	Peak
2	6921.535	-61.30	18.34	-42.96	-13.00	-29.96	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-47.96	13.89	-34.07	-13.00	-21.07	Peak
2	6921.535	-56.37	18.11	-38.26	-13.00	-25.26	Peak

LTE Band 4/ 3 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3494.334	-52.27	12.96	-39.31	-13.00	-26.31	Peak
2	7002.185	-60.42	18.17	-42.25	-13.00	-29.25	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3494.334	-51.20	14.17	-37.03	-13.00	-24.03	Peak
2	7002.185	-52.78	17.87	-34.91	-13.00	-21.91	Peak

LTE Band 4/ 5 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-51.42	12.37	-39.05	-13.00	-26.05	Peak
2	6841.814	-60.30	18.50	-41.80	-13.00	-28.80	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-48.74	13.63	-35.11	-13.00	-22.11	Peak
2	6841.814	-54.17	18.36	-35.81	-13.00	-22.81	Peak

LTE Band 4/ 5 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-51.21	12.66	-38.55	-13.00	-25.55	Peak
2	6921.535	-60.82	18.34	-42.48	-13.00	-29.48	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-48.90	13.89	-35.01	-13.00	-22.01	Peak
2	6921.535	-57.04	18.11	-38.93	-13.00	-25.93	Peak

LTE Band 4/ 5 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3494.334	-52.87	12.96	-39.91	-13.00	-26.91	Peak
2	7002.185	-59.24	18.17	-41.07	-13.00	-28.07	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3494.334	-49.27	14.17	-35.10	-13.00	-22.10	Peak
2	7002.185	-54.50	17.87	-36.63	-13.00	-23.63	Peak

LTE Band 4/ 10 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-52.07	12.37	-39.70	-13.00	-26.70	Peak
2	6841.814	-60.83	18.50	-42.33	-13.00	-29.33	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-47.28	13.63	-33.65	-13.00	-20.65	Peak
2	6841.814	-54.92	18.36	-36.56	-13.00	-23.56	Peak

LTE Band 4/ 10 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-50.25	12.66	-37.59	-13.00	-24.59	Peak
2	6881.560	-61.22	18.43	-42.79	-13.00	-29.79	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-44.02	13.89	-30.13	-13.00	-17.13	Peak
2	6881.560	-56.95	18.25	-38.70	-13.00	-25.70	Peak

LTE Band 4/ 10 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3474.153	-53.15	12.81	-40.34	-13.00	-27.34	Peak
2	6961.744	-60.43	18.25	-42.18	-13.00	-29.18	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3474.153	-49.50	14.03	-35.47	-13.00	-22.47	Peak
2	6961.744	-56.27	17.99	-38.28	-13.00	-25.28	Peak

LTE Band 4/ 15 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-52.02	12.37	-39.65	-13.00	-26.65	Peak
2	5121.445	-61.09	16.07	-45.02	-13.00	-32.02	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-45.46	13.63	-31.83	-13.00	-18.83	Peak
2	5121.445	-52.25	17.05	-35.20	-13.00	-22.20	Peak

LTE Band 4/ 15 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-47.13	12.66	-34.47	-13.00	-21.47	Peak
2	5181.120	-61.89	16.18	-45.71	-13.00	-32.71	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-44.98	13.89	-31.09	-13.00	-18.09	Peak
2	5181.120	-56.18	17.14	-39.04	-13.00	-26.04	Peak

LTE Band 4/ 15 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3474.153	-54.18	12.81	-41.37	-13.00	-28.37	Peak
2	6961.744	-59.97	18.25	-41.72	-13.00	-28.72	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3474.153	-49.76	14.03	-35.73	-13.00	-22.73	Peak
2	6961.744	-56.05	17.99	-38.06	-13.00	-25.06	Peak

LTE Band 4/ 20 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-51.50	12.37	-39.13	-13.00	-26.13	Peak
2	5121.445	-60.50	16.07	-44.43	-13.00	-31.43	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-47.02	13.63	-33.39	-13.00	-20.39	Peak
2	5121.445	-52.25	17.05	-35.20	-13.00	-22.20	Peak

LTE Band 4/ 20 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3434.138	-51.89	12.52	-39.37	-13.00	-26.37	Peak
2	6881.560	-60.89	18.43	-42.46	-13.00	-29.46	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3434.138	-47.33	13.76	-33.57	-13.00	-20.57	Peak
2	6881.560	-56.28	18.25	-38.03	-13.00	-25.03	Peak

LTE Band 4/ 20 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-51.12	12.66	-38.46	-13.00	-25.46	Peak
2	6921.535	-60.44	18.34	-42.10	-13.00	-29.10	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-45.24	13.89	-31.35	-13.00	-18.35	Peak
2	6921.535	-55.03	18.11	-36.92	-13.00	-23.92	Peak



LTE Band 5/ 1.4 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1645.658	-55.10	2.38	-52.72	-13.00	-39.72	Peak
2	2468.481	-37.34	9.16	-28.18	-13.00	-15.18	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1645.658	-55.25	4.00	-51.25	-13.00	-38.25	Peak
2	2468.481	-45.69	11.49	-34.20	-13.00	-21.20	Peak

LTE Band 5/ 1.4 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-63.35	2.59	-60.76	-13.00	-47.76	Peak
2	2509.500	-59.10	9.17	-49.93	-13.00	-36.93	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-60.87	4.31	-56.56	-13.00	-43.56	Peak
2	2509.500	-50.36	11.46	-38.90	-13.00	-25.90	Peak

LTE Band 5/ 1.4 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1696.600	-68.43	2.77	-65.66	-13.00	-52.66	Peak
2	2544.900	-62.62	9.22	-53.40	-13.00	-40.40	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1696.600	-68.53	4.58	-63.95	-13.00	-50.95	Peak
2	2544.900	-61.50	11.45	-50.05	-13.00	-37.05	Peak

LTE Band 5/ 3 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1645.658	-56.18	2.38	-53.80	-13.00	-40.80	Peak
2	2468.481	-46.95	9.16	-37.79	-13.00	-24.79	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1645.658	-56.41	4.00	-52.41	-13.00	-39.41	Peak
2	2468.481	-46.48	11.49	-34.99	-13.00	-21.99	Peak

LTE Band 5/ 3 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-60.55	2.59	-57.96	-13.00	-44.96	Peak
2	2509.500	-49.50	9.17	-40.33	-13.00	-27.33	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-58.78	4.31	-54.47	-13.00	-41.47	Peak
2	2509.500	-49.38	11.46	-37.92	-13.00	-24.92	Peak

LTE Band 5/ 3 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1695.000	-67.94	2.76	-65.18	-13.00	-52.18	Peak
2	2542.500	-62.87	9.22	-53.65	-13.00	-40.65	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1695.000	-66.06	4.57	-61.49	-13.00	-48.49	Peak
2	2542.500	-64.44	11.45	-52.99	-13.00	-39.99	Peak

LTE Band 5/ 5 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	2468.481	-38.14	9.16	-28.98	-13.00	-15.98	Peak
2	4109.610	-56.98	14.51	-42.47	-13.00	-29.47	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	2468.481	-39.85	11.49	-28.36	-13.00	-15.36	Peak
2	4109.610	-57.55	15.98	-41.57	-13.00	-28.57	Peak

LTE Band 5/ 5 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1664.833	-58.68	2.53	-56.15	-13.00	-43.15	Peak
2	2497.244	-50.52	9.16	-41.36	-13.00	-28.36	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1664.833	-58.19	4.22	-53.97	-13.00	-40.97	Peak
2	2497.244	-47.14	11.47	-35.67	-13.00	-22.67	Peak

LTE Band 5/ 5 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1693.000	-65.86	2.75	-63.11	-13.00	-50.11	Peak
2	2539.500	-59.59	9.21	-50.38	-13.00	-37.38	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1693.000	-65.19	4.54	-60.65	-13.00	-47.65	Peak
2	2539.500	-61.60	11.45	-50.15	-13.00	-37.15	Peak

LTE Band 5/ 10 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	2468.481	-52.38	9.16	-43.22	-13.00	-30.22	Peak
2	4109.610	-60.71	14.51	-46.20	-13.00	-33.20	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	2468.481	-51.26	11.49	-39.77	-13.00	-26.77	Peak
2	4109.610	-63.95	15.98	-47.97	-13.00	-34.97	Peak

LTE Band 5/ 10 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1664.833	-61.02	2.53	-58.49	-13.00	-45.49	Peak
2	2482.821	-54.37	9.16	-45.21	-13.00	-32.21	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1664.833	-58.80	4.22	-54.58	-13.00	-41.58	Peak
2	2482.821	-49.73	11.48	-38.25	-13.00	-25.25	Peak

LTE Band 5/ 10 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1688.000	-62.03	2.71	-59.32	-13.00	-46.32	Peak
2	2532.000	-58.24	9.21	-49.03	-13.00	-36.03	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1688.000	-62.77	4.49	-58.28	-13.00	-45.28	Peak
2	2532.000	-58.92	11.46	-47.46	-13.00	-34.46	Peak

LTE Band 12/ 1.4 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1399.400	-64.70	0.92	-63.78	-13.00	-50.78	Peak
2	2099.100	-55.54	5.71	-49.83	-13.00	-36.83	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1399.400	-65.57	1.94	-63.63	-13.00	-50.63	Peak
2	2099.100	-57.26	8.49	-48.77	-13.00	-35.77	Peak

LTE Band 12/ 1.4 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-61.07	0.96	-60.11	-13.00	-47.11	Peak
2	2122.500	-58.50	5.83	-52.67	-13.00	-39.67	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-63.34	1.99	-61.35	-13.00	-48.35	Peak
2	2122.500	-61.62	8.58	-53.04	-13.00	-40.04	Peak

LTE Band 12/ 1.4 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1430.600	-59.73	1.01	-58.72	-13.00	-45.72	Peak
2	2145.900	-60.92	5.95	-54.97	-13.00	-41.97	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1430.600	-62.23	2.06	-60.17	-13.00	-47.17	Peak
2	2145.900	-60.79	8.67	-52.12	-13.00	-39.12	Peak

LTE Band 12/ 3 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1401.000	-60.23	0.92	-59.31	-13.00	-46.31	Peak
2	2101.500	-59.95	5.72	-54.23	-13.00	-41.23	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1401.000	-61.08	1.94	-59.14	-13.00	-46.14	Peak
2	2101.500	-56.44	8.50	-47.94	-13.00	-34.94	Peak



LTE Band 12/ 3 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-60.15	0.96	-59.19	-13.00	-46.19	Peak
2	2122.500	-63.89	5.83	-58.06	-13.00	-45.06	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-63.39	1.99	-61.40	-13.00	-48.40	Peak
2	2122.500	-63.05	8.58	-54.47	-13.00	-41.47	Peak

LTE Band 12/ 3 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1429.000	-59.29	1.00	-58.29	-13.00	-45.29	Peak
2	2143.500	-57.03	5.93	-51.10	-13.00	-38.10	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1429.000	-62.76	2.05	-60.71	-13.00	-47.71	Peak
2	2143.500	-56.65	8.66	-47.99	-13.00	-34.99	Peak

LTE Band 12/ 5 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1403.000	-60.62	0.93	-59.69	-13.00	-46.69	Peak
2	2104.500	-49.46	5.73	-43.73	-13.00	-30.73	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1403.000	-62.74	1.95	-60.79	-13.00	-47.79	Peak
2	2104.500	-53.17	8.51	-44.66	-13.00	-31.66	Peak

LTE Band 12/ 5 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-63.06	0.96	-62.10	-13.00	-49.10	Peak
2	2122.500	-64.41	5.83	-58.58	-13.00	-45.58	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-62.65	1.99	-60.66	-13.00	-47.66	Peak
2	2122.500	-64.41	8.58	-55.83	-13.00	-42.83	Peak

LTE Band 12/ 5 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1427.000	-58.05	0.99	-57.06	-13.00	-44.06	Peak
2	2140.500	-64.75	5.92	-58.83	-13.00	-45.83	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1427.000	-63.03	2.04	-60.99	-13.00	-47.99	Peak
2	2140.500	-57.95	8.65	-49.30	-13.00	-36.30	Peak

LTE Band 12/ 10 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1408.000	-59.39	0.94	-58.45	-13.00	-45.45	Peak
2	2112.000	-51.77	5.78	-45.99	-13.00	-32.99	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1408.000	-61.83	1.96	-59.87	-13.00	-46.87	Peak
2	2112.000	-51.31	8.54	-42.77	-13.00	-29.77	Peak

LTE Band 12/ 10 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-63.22	0.96	-62.26	-13.00	-49.26	Peak
2	2122.500	-65.16	5.83	-59.33	-13.00	-46.33	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-63.36	1.99	-61.37	-13.00	-48.37	Peak
2	2122.500	-64.76	8.58	-56.18	-13.00	-43.18	Peak

LTE Band 12/ 10 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1422.000	-58.78	0.99	-57.79	-13.00	-44.79	Peak
2	2133.000	-56.45	5.89	-50.56	-13.00	-37.56	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1422.000	-62.84	2.02	-60.82	-13.00	-47.82	Peak
2	2133.000	-56.70	8.63	-48.07	-13.00	-35.07	Peak

LTE Band 17/ 5 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1413.000	-61.68	0.96	-60.72	-13.00	-47.72	Peak
2	2119.500	-54.55	5.82	-48.73	-13.00	-35.73	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1413.000	-63.38	1.99	-61.39	-13.00	-48.39	Peak
2	2119.500	-53.68	8.58	-45.10	-13.00	-32.10	Peak

LTE Band 17/ 5 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-64.04	0.98	-63.06	-13.00	-50.06	Peak
2	2130.000	-65.31	5.86	-59.45	-13.00	-46.45	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-63.03	2.01	-61.02	-13.00	-48.02	Peak
2	2130.000	-64.82	8.60	-56.22	-13.00	-43.22	Peak

LTE Band 17/ 5 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1427.000	-60.96	0.99	-59.97	-13.00	-46.97	Peak
2	2140.500	-63.22	5.92	-57.30	-13.00	-44.30	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1427.000	-62.10	2.04	-60.06	-13.00	-47.06	Peak
2	2140.500	-64.46	8.65	-55.81	-13.00	-42.81	Peak

LTE Band 17/ 10 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1418.000	-61.35	0.98	-60.37	-13.00	-47.37	Peak
2	2127.000	-64.45	5.85	-58.60	-13.00	-45.60	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1418.000	-62.52	2.01	-60.51	-13.00	-47.51	Peak
2	2127.000	-60.56	8.60	-51.96	-13.00	-38.96	Peak

LTE Band 17/ 10 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-62.67	0.98	-61.69	-13.00	-48.69	Peak
2	2130.000	-65.44	5.86	-59.58	-13.00	-46.58	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-63.38	2.01	-61.37	-13.00	-48.37	Peak
2	2130.000	-65.74	8.60	-57.14	-13.00	-44.14	Peak

LTE Band 17/ 10 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1422.000	-59.37	0.99	-58.38	-13.00	-45.38	Peak
2	2133.000	-64.50	5.89	-58.61	-13.00	-45.61	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1422.000	-61.61	2.02	-59.59	-13.00	-46.59	Peak
2	2133.000	-64.93	8.63	-56.30	-13.00	-43.30	Peak

## 5.9 FREQUENCY STABILITY

**Test Requirement:** FCC 47 CFR Part 2.1055 & FCC 47 CFR Part 22.355 & FCC 47 CFR Part 24.235

**Test Method:** ANSI/TIA-603-E-2016 & KDB 971168 D01v03r01

**Limits:** The carrier frequency shall not depart from the reference frequency in excess of  $\pm 2.5$  ppm for mobile stations.

**Test Setup:** Refer to section 4.2.2 for details.

### Test Procedures:

- 1) Use CMW 500 or CMU 200 with Frequency Error measurement capability.
  - a) Temp. =  $-30^{\circ}$  to  $+50^{\circ}\text{C}$
  - b) Voltage = low voltage, 3.4 Vdc, Normal, 3.85 Vdc and High voltage, 4.35 Vdc.

### 2) Frequency Stability vs Temperature:

The EUT is placed inside a temperature chamber. The temperature is set to  $20^{\circ}\text{C}$  and allowed to stabilize. After sufficient soak time, the transmitting frequency error is measured. The temperature is increased by 10 degrees, allowed to stabilize and soak, and then the measurement is repeated. This is repeated until  $+50^{\circ}\text{C}$  is reached.

### 3) Frequency Stability vs Voltage:

The peak frequency error is recorded (worst-case).

**Equipment Used:** Refer to section 3 for details.

**Test Result:** Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature ( $^{\circ}\text{C}$ )	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
GSM 850 1Tx-slot							
GMSK	190 / 836.6	VL	TN	-9	-0.0108	$\pm 2.5$	Pass
		VN		-7	-0.0084	$\pm 2.5$	Pass
		VH		-11	-0.0131	$\pm 2.5$	Pass
		VN	50	-11	-0.0131	$\pm 2.5$	Pass
			40	-13	-0.0155	$\pm 2.5$	Pass
			30	9	0.0108	$\pm 2.5$	Pass
			20	8	0.0096	$\pm 2.5$	Pass
			10	4	0.0048	$\pm 2.5$	Pass
			0	7	0.0084	$\pm 2.5$	Pass
			-10	10	0.0120	$\pm 2.5$	Pass
			-20	5	0.0060	$\pm 2.5$	Pass
			-30	8	0.0096	$\pm 2.5$	Pass



Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
EDGE 850 1Tx-slot							
8PSK	190 / 836.6	VL	TN	-9	-0.0108	± 2.5	Pass
		VN		-8	-0.0096	± 2.5	Pass
		VH		-11	-0.0131	± 2.5	Pass
		VN	50	-8	-0.0096	± 2.5	Pass
			40	-14	-0.0167	± 2.5	Pass
			30	-9	-0.0108	± 2.5	Pass
			20	11	0.0131	± 2.5	Pass
			10	8	0.0096	± 2.5	Pass
			0	7	0.0084	± 2.5	Pass
			-10	6	0.0072	± 2.5	Pass
			-20	9	0.0108	± 2.5	Pass
			-30	6	0.0072	± 2.5	Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
WCDMA Band V RMC 12.2Kbps							
BPSK	4182 / 836.4	VL	TN	-11	-0.0132	± 2.5	Pass
		VN		-6	-0.0072	± 2.5	Pass
		VH		-7	-0.0084	± 2.5	Pass
		VN	50	-9	-0.0108	± 2.5	Pass
			40	-9	-0.0108	± 2.5	Pass
			30	7	0.0084	± 2.5	Pass
			20	9	0.0108	± 2.5	Pass
			10	13	0.0155	± 2.5	Pass
			0	10	0.0120	± 2.5	Pass
			-10	4	0.0048	± 2.5	Pass
			-20	9	0.0108	± 2.5	Pass
			-30	6	0.0072	± 2.5	Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
GSM 1900 1Tx-slot							
GMSK	661 / 1880.0	VL	TN	13	0.0069	Note 1	Pass
		VN		-5	-0.0027		Pass
		VH		-8	-0.0043		Pass
		VN	50	-11	-0.0059		Pass
			40	-10	-0.0053		Pass
			30	8	0.0043		Pass
			20	9	0.0048		Pass
			10	5	0.0027		Pass
			0	10	0.0053		Pass
			-10	9	0.0048		Pass
			-20	9	0.0048		Pass
			-30	8	0.0043		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
<b>EDGE 1900 1Tx-slot</b>							
8PSK	661 / 1880.0	VL	TN	-9	-0.0048	Note 1	Pass
		VN		-11	-0.0059		Pass
		VH		-8	-0.0043		Pass
		VN	50	9	0.0048		Pass
			40	11	0.0059		Pass
			30	-10	-0.0053		Pass
			20	13	0.0069		Pass
			10	9	0.0048		Pass
			0	9	0.0048		Pass
			-10	8	0.0043		Pass
			-20	4	0.0021		Pass
			-30	11	0.0059		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
<b>WCDMA Band II RMC 12.2Kbps</b>							
BPSK	9400 / 1880.0	VL	TN	-9	-0.0048	Note 1	Pass
		VN		-8	-0.0043		Pass
		VH		-11	-0.0059		Pass
		VN	50	-9	-0.0048		Pass
			40	-11	-0.0059		Pass
			30	-8	-0.0043		Pass
			20	9	0.0048		Pass
			10	8	0.0043		Pass
			0	9	0.0048		Pass
			-10	7	0.0037		Pass
			-20	8	0.0043		Pass
			-30	4	0.0021		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
<b>WCDMA Band IV RMC 12.2Kbps</b>							
BMSK	1412 / 1732.4	VL	TN	-13	-0.0075	Note 1	Pass
		VN		-9	-0.0052		Pass
		VH		-8	-0.0046		Pass
		VN	50	-11	-0.0063		Pass
			40	-13	-0.0075		Pass
			30	-12	-0.0069		Pass
			20	9	0.0052		Pass
			10	8	0.0046		Pass
			0	8	0.0046		Pass
			-10	9	0.0052		Pass
			-20	11	0.0063		Pass
			-30	8	0.0046		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
LTE Band 2 / 20MHz / Full RB							
QPSK	18900 / 1880.0	VL	TN	-9	-0.0048	Note 1	Pass
		VN		-9	-0.0048		Pass
		VH		-7	-0.0037		Pass
		VN	50	-11	-0.0059		Pass
			40	-13	-0.0069		Pass
			30	-9	-0.0048		Pass
			20	9	0.0048		Pass
			10	8	0.0043		Pass
			0	3	0.0016		Pass
			-10	11	0.0059		Pass
			-20	13	0.0069		Pass
			-30	6	0.0032		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
LTE Band 4 / 20MHz / Full RB							
QPSK	20175 / 1732.5	VL	TN	-13	-0.0075	Note 1	Pass
		VN		-9	-0.0052		Pass
		VH		-8	-0.0046		Pass
		VN	50	-9	-0.0052		Pass
			40	-11	-0.0063		Pass
			30	-14	-0.0081		Pass
			20	8	0.0046		Pass
			10	8	0.0046		Pass
			0	9	0.0052		Pass
			-10	7	0.0040		Pass
			-20	5	0.0029		Pass
			-30	6	0.0035		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
LTE Band 5 / 10MHz / Full RB							
QPSK	20525 / 836.5	VL	TN	-11	-0.0132	± 2.5	Pass
		VN		-6	-0.0072	± 2.5	Pass
		VH		-9	-0.0108	± 2.5	Pass
		VN	50	-12	-0.0143	± 2.5	Pass
			40	-13	-0.0155	± 2.5	Pass
			30	-7	-0.0084	± 2.5	Pass
			20	8	0.0096	± 2.5	Pass
			10	9	0.0108	± 2.5	Pass
			0	6	0.0072	± 2.5	Pass
			-10	7	0.0084	± 2.5	Pass
			-20	10	0.0120	± 2.5	Pass
			-30	6	0.0072	± 2.5	Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 12 / 10MHz / Full RB							
QPSK	23095 / 707.5	VL	TN	-11	-0.0155	Note 1	Pass
		VN		-9	-0.0127		Pass
		VH		-9	-0.0127		Pass
		VN	50	-13	-0.0184		Pass
			40	-9	-0.0127		Pass
			30	-11	-0.0155		Pass
			20	-7	-0.0099		Pass
			10	13	0.0184		Pass
			0	11	0.0155		Pass
			-10	4	0.0057		Pass
			-20	9	0.0127		Pass
			-30	12	0.0170		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
LTE Band 17 / 10MHz / Full RB							
QPSK	23790 / 710	VL	TN	-11	-0.0155	Note 1	Pass
		VN		-9	-0.0127		Pass
		VH		-5	-0.0070		Pass
		VN	50	-11	-0.0155		Pass
			40	-13	-0.0183		Pass
			30	8	0.0113		Pass
			20	-9	-0.0127		Pass
			10	12	0.0169		Pass
			0	9	0.0127		Pass
			-10	9	0.0127		Pass
			-20	6	0.0085		Pass
			-30	11	0.0155		Pass

**Note1:** The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

## APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

## APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

\*\*\* End of Report \*\*\*

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