LTE Band 4/ 15 MHz _Middle Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	114.018	-75.54	-1.87	-77.41	-13.00	-64.41	Peak
2	140.777	-72.01	-1.48	-73.49	-13.00	-60.49	Peak
3	844.803	-81.14	11.58	-69.56	-13.00	-56.56	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	89.158	-71.32	-3.09	-74.41	-13.00	-61.41	Peak
2	112.427	-73.99	-1.89	-75.88	-13.00	-62.88	Peak
3	138.812	-76.54	-1.62	-78.16	-13.00	-65.16	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	113.220	-74.77	-1.88	-76.65	-13.00	-63.65	Peak
2	138.812	-73.19	-1.62	-74.81	-13.00	-61.81	Peak
3	972.283	-80.99	14.18	-66.81	-13.00	-53.81	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	79.676	-72.29	-3.77	-76.06	-13.00	-63.06	Peak
2	88.534	-72.33	-3.17	-75.50	-13.00	-62.50	Peak
3	112.427	-73.64	-1.89	-75.53	-13.00	-62.53	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	-73.35	-3.46	-76.81	-13.00	-63.81	Peak
2	138.812	-75.04	-1.62	-76.66	-13.00	-63.66	Peak
3	734.037	-79.84	10.06	-69.78	-13.00	-56.78	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	79.676	-73.69	-3.77	-77.46	-13.00	-64.46	Peak
2	89.158	-69.91	-3.09	-73.00	-13.00	-60.00	Peak
3	111.640	-73.52	-1.89	-75.41	-13.00	-62.41	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	112.427	-74.66	-1.89	-76.55	-13.00	-63.55	Peak
2	138.812	-73.52	-1.62	-75.14	-13.00	-62.14	Peak
3	793.028	-80.70	11.07	-69.63	-13.00	-56.63	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	89.787	-69.24	-3.03	-72.27	-13.00	-59.27	Peak
2	114.018	-74.32	-1.87	-76.19	-13.00	-63.19	Peak
3	140.777	-76.11	-1.48	-77.59	-13.00	-64.59	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	113.220	-75.77	-1.88	-77.65	-13.00	-64.65	Peak
2	138.812	-72.90	-1.62	-74.52	-13.00	-61.52	Peak
3	965.474	-81.57	14.12	-67.45	-13.00	-54.45	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	88.534	-68.97	-3.17	-72.14	-13.00	-59.14	Peak
2	112.427	-74.29	-1.89	-76.18	-13.00	-63.18	Peak
3	140.777	-75.72	-1.48	-77.20	-13.00	-64.20	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	95.649	-85.30	26.37	-58.93	-13.00	-45.93	Peak
2	106.281	-83.11	26.37	-56.74	-13.00	-43.74	Peak
3	201.454	-83.00	27.70	-55.30	-13.00	-42.30	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	36.268	-87.36	29.92	-57.44	-13.00	-44.44	Peak
2	106.281	-86.78	26.37	-60.41	-13.00	-47.41	Peak
3	201.454	-83.07	27.70	-55.37	-13.00	-42.37	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	106.281	-83.96	26.37	-57.59	-13.00	-44.59	Peak
2	201.454	-86.94	27.70	-59.24	-13.00	-46.24	Peak
3	353.447	-88.81	32.15	-56.66	-13.00	-43.66	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	106.281	-85.14	26.37	-58.77	-13.00	-45.77	Peak
2	201.454	-84.54	27.70	-56.84	-13.00	-43.84	Peak
3	358.450	-88.88	32.11	-56.77	-13.00	-43.77	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	36.781	-85.35	29.67	-55.68	-13.00	-42.68	Peak
2	106.281	-86.64	26.37	-60.27	-13.00	-47.27	Peak
3	624.490	-87.64	38.02	-49.62	-13.00	-36.62	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.292	-91.71	33.59	-58.12	-13.00	-45.12	Peak
2	106.281	-85.95	26.37	-59.58	-13.00	-46.58	Peak
3	660.602	-88.97	38.38	-50.59	-13.00	-37.59	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	95.649	-85.30	26.37	-58.93	-13.00	-45.93	Peak
2	106.281	-83.11	26.37	-56.74	-13.00	-43.74	Peak
3	201.454	-83.00	27.70	-55.30	-13.00	-42.30	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	36.268	-87.36	29.92	-57.44	-13.00	-44.44	Peak
2	106.281	-86.78	26.37	-60.41	-13.00	-47.41	Peak
3	201.454	-83.07	27.70	-55.37	-13.00	-42.37	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	31.073	-89.46	32.87	-56.59	-13.00	-43.59	Peak
2	409.651	-87.12	36.47	-50.65	-13.00	-37.65	Peak
3	674.677	-86.26	41.72	-44.54	-13.00	-31.54	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.073	-88.84	32.87	-55.97	-13.00	-42.97	Peak
2	403.934	-86.56	36.28	-50.28	-13.00	-37.28	Peak
3	646.822	-86.58	41.52	-45.06	-13.00	-32.06	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	442.572	-86.55	37.51	-49.04	-13.00	-36.04	Peak
2	527.571	-87.36	39.51	-47.85	-13.00	-34.85	Peak
3	655.977	-86.74	41.63	-45.11	-13.00	-32.11	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	433.340	-87.43	37.33	-50.10	-13.00	-37.10	Peak
2	527.571	-86.39	39.51	-46.88	-13.00	-33.88	Peak
3	718.725	-85.71	42.18	-43.53	-13.00	-30.53	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	106.281	-84.83	26.37	-58.46	-13.00	-45.46	Peak
2	201.454	-85.65	27.70	-57.95	-13.00	-44.95	Peak
3	373.886	-88.04	32.38	-55.66	-13.00	-42.66	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	106.281	-85.57	26.37	-59.20	-13.00	-46.20	Peak
2	201.454	-85.97	27.70	-58.27	-13.00	-45.27	Peak
3	433.340	-88.53	34.07	-54.46	-13.00	-41.46	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	36.268	-86.07	29.92	-56.15	-13.00	-43.15	Peak
2	127.586	-89.20	26.63	-62.57	-13.00	-49.57	Peak
3	509.356	-88.01	35.21	-52.80	-13.00	-39.80	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	95.649	-87.02	26.37	-60.65	-13.00	-47.65	Peak
2	201.454	-84.95	27.70	-57.25	-13.00	-44.25	Peak
3	535.038	-89.12	35.96	-53.16	-13.00	-40.16	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	37.041	-86.79	29.54	-57.25	-13.00	-44.25	Peak
2	106.281	-85.45	26.37	-59.08	-13.00	-46.08	Peak
3	484.907	-88.73	34.90	-53.83	-13.00	-40.83	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	36.781	-86.56	29.67	-56.89	-13.00	-43.89	Peak
2	106.281	-84.63	26.37	-58.26	-13.00	-45.26	Peak
3	684.226	-87.95	38.82	-49.13	-13.00	-36.13	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	34.285	-90.88	31.14	-59.74	-13.00	-46.74	Peak
2	106.281	-84.09	26.37	-57.72	-13.00	-44.72	Peak
3	201.454	-84.80	27.70	-57.10	-13.00	-44.10	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	36.524	-85.43	29.79	-55.64	-13.00	-42.64	Peak
2	106.281	-87.81	26.37	-61.44	-13.00	-48.44	Peak
3	201.454	-85.22	27.70	-57.52	-13.00	-44.52	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	37.041	-85.11	29.54	-55.57	-13.00	-42.57	Peak
2	89.787	-86.80	25.69	-61.11	-13.00	-48.11	Peak
3	598.707	-89.59	37.55	-52.04	-13.00	-39.04	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	95.649	-86.59	26.37	-60.22	-13.00	-47.22	Peak
2	201.454	-84.60	27.70	-56.90	-13.00	-43.90	Peak
3	550.290	-88.25	35.98	-52.27	-13.00	-39.27	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	36.268	-88.10	29.92	-58.18	-13.00	-45.18	Peak
2	106.281	-84.73	26.37	-58.36	-13.00	-45.36	Peak
3	201.454	-85.69	27.70	-57.99	-13.00	-44.99	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	37.302	-87.10	29.41	-57.69	-13.00	-44.69	Peak
2	106.281	-84.99	26.37	-58.62	-13.00	-45.62	Peak
3	590.351	-88.12	37.09	-51.03	-13.00	-38.03	Peak

LTE Band 7/ 5 MHz _Lowest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	52.634	-73.71	-3.85	-77.56	-25.00	-52.56	Peak
2	138.812	-75.33	-1.62	-76.95	-25.00	-51.95	Peak
3	728.897	-79.64	10.03	-69.61	-25.00	-44.61	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	50.461	-72.39	-3.79	-76.18	-25.00	-51.18	Peak
2	139.791	-72.68	-1.51	-74.19	-25.00	-49.19	Peak
3	827.179	-79.89	11.22	-68.67	-25.00	-43.67	Peak

LTE Band 7/ 5 MHz _Middle Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	50.461	-72.59	-3.79	-76.38	-25.00	-51.38	Peak
2	140.777	-75.88	-1.48	-77.36	-25.00	-52.36	Peak
3	986.044	-81.45	14.61	-66.84	-25.00	-41.84	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	89.158	-71.59	-3.09	-74.68	-25.00	-49.68	Peak
2	115.632	-75.34	-1.91	-77.25	-25.00	-52.25	Peak
3	965.474	-80.32	14.12	-66.20	-25.00	-41.20	Peak

LTE Band 7/ 5 MHz _Highest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	54.135	-72.41	-4.18	-76.59	-25.00	-51.59	Peak
2	137.840	-71.89	-1.76	-73.65	-25.00	-48.65	Peak
3	945.334	-80.95	13.67	-67.28	-25.00	-42.28	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	88.534	-72.14	-3.17	-75.31	-25.00	-50.31	Peak
2	115.632	-75.21	-1.91	-77.12	-25.00	-52.12	Peak
3	139.791	-75.50	-1.51	-77.01	-25.00	-52.01	Peak

LTE Band 7/ 10 MHz _Lowest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.379	-73.72	-4.01	-77.73	-25.00	-52.73	Peak
2	137.840	-73.52	-1.76	-75.28	-25.00	-50.28	Peak
3	633.328	-79.84	8.81	-71.03	-25.00	-46.03	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	89.787	-74.82	-3.03	-77.85	-25.00	-52.85	Peak
2	114.822	-75.35	-1.87	-77.22	-25.00	-52.22	Peak
3	136.875	-76.08	-1.88	-77.96	-25.00	-52.96	Peak

LTE Band 7/ 10 MHz _Middle Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	138.812	-73.23	-1.62	-74.85	-25.00	-49.85	Peak
2	674.677	-80.07	9.40	-70.67	-25.00	-45.67	Peak
3	899.958	-81.07	12.79	-68.28	-25.00	-43.28	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	88.534	-72.73	-3.17	-75.90	-25.00	-50.90	Peak
2	114.822	-73.82	-1.87	-75.69	-25.00	-50.69	Peak
3	491.770	-79.35	5.84	-73.51	-25.00	-48.51	Peak

LTE Band 7/ 10 MHz _Highest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.379	-73.18	-4.01	-77.19	-25.00	-52.19	Peak
2	137.840	-72.08	-1.76	-73.84	-25.00	-48.84	Peak
3	972.283	-81.35	14.18	-67.17	-25.00	-42.17	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	89.158	-70.93	-3.09	-74.02	-25.00	-49.02	Peak
2	114.018	-76.16	-1.87	-78.03	-25.00	-53.03	Peak
3	932.141	-81.52	13.60	-67.92	-25.00	-42.92	Peak

LTE Band 7/ 15 MHz _Lowest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	51.176	-72.98	-3.74	-76.72	-25.00	-51.72	Peak
2	140.777	-73.40	-1.48	-74.88	-25.00	-49.88	Peak
3	815.635	-80.08	11.05	-69.03	-25.00	-44.03	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	89.787	-72.99	-3.03	-76.02	-25.00	-51.02	Peak
2	114.018	-75.16	-1.87	-77.03	-25.00	-52.03	Peak
3	628.894	-80.10	8.82	-71.28	-25.00	-46.28	Peak

LTE Band 7/ 15 MHz _Middle Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	137.840	-72.79	-1.76	-74.55	-25.00	-49.55	Peak
2	531.291	-78.94	6.61	-72.33	-25.00	-47.33	Peak
3	728.897	-79.49	10.03	-69.46	-25.00	-44.46	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	89.158	-71.81	-3.09	-74.90	-25.00	-49.90	Peak
2	115.632	-73.65	-1.91	-75.56	-25.00	-50.56	Peak
3	965.474	-80.78	14.12	-66.66	-25.00	-41.66	Peak

LTE Band 7/ 15 MHz _Highest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	51.900	-72.65	-3.71	-76.36	-25.00	-51.36	Peak
2	77.468	-74.08	-3.73	-77.81	-25.00	-52.81	Peak
3	137.840	-73.33	-1.76	-75.09	-25.00	-50.09	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	89.787	-73.44	-3.03	-76.47	-25.00	-51.47	Peak
2	114.018	-75.68	-1.87	-77.55	-25.00	-52.55	Peak
3	586.217	-79.81	7.70	-72.11	-25.00	-47.11	Peak

LTE Band 7/ 20 MHz _Lowest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	50.461	-71.66	-3.79	-75.45	-25.00	-50.45	Peak
2	141.769	-75.23	-1.46	-76.69	-25.00	-51.69	Peak
3	925.613	-81.44	13.54	-67.90	-25.00	-42.90	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	88.534	-72.62	-3.17	-75.79	-25.00	-50.79	Peak
2	114.822	-76.09	-1.87	-77.96	-25.00	-52.96	Peak
3	586.217	-79.39	7.70	-71.69	-25.00	-46.69	Peak

LTE Band 7/ 20 MHz _Middle Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	50.461	-72.73	-3.79	-76.52	-25.00	-51.52	Peak
2	142.769	-74.05	-1.46	-75.51	-25.00	-50.51	Peak
3	655.977	-80.15	8.98	-71.17	-25.00	-46.17	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	88.534	-74.52	-3.17	-77.69	-25.00	-52.69	Peak
2	115.632	-74.61	-1.91	-76.52	-25.00	-51.52	Peak
3	611.462	-80.26	8.60	-71.66	-25.00	-46.66	Peak

LTE Band 7/ 20 MHz _Highest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	47.703	-72.46	-3.46	-75.92	-25.00	-50.92	Peak
2	137.840	-72.38	-1.76	-74.14	-25.00	-49.14	Peak
3	288.284	-79.72	2.41	-77.31	-25.00	-52.31	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	89.158	-73.11	-3.09	-76.20	-25.00	-51.20	Peak
2	114.822	-76.55	-1.87	-78.42	-25.00	-53.42	Peak
3	932.141	-81.42	13.60	-67.82	-25.00	-42.82	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	468.165	-88.50	34.52	-53.98	-13.00	-40.98	Peak
2	602.929	-87.46	37.69	-49.77	-13.00	-36.77	Peak
3	660.602	-87.22	38.38	-48.84	-13.00	-35.84	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	35.511	-88.60	30.36	-58.24	-13.00	-45.24	Peak
2	505.789	-88.77	35.30	-53.47	-13.00	-40.47	Peak
3	620.117	-88.14	37.97	-50.17	-13.00	-37.17	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	99.069	-87.20	26.64	-60.56	-13.00	-47.56	Peak
2	298.593	-84.13	30.46	-53.67	-13.00	-40.67	Peak
3	516.565	-88.08	35.48	-52.60	-13.00	-39.60	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	99.069	-80.65	26.64	-54.01	-13.00	-41.01	Peak
2	140.777	-86.73	27.08	-59.65	-13.00	-46.65	Peak
3	569.969	-88.39	36.38	-52.01	-13.00	-39.01	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	99.069	-87.60	26.64	-60.96	-13.00	-47.96	Peak
2	264.971	-85.57	29.94	-55.63	-13.00	-42.63	Peak
3	298.593	-84.13	30.46	-53.67	-13.00	-40.67	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	99.069	-80.35	26.64	-53.71	-13.00	-40.71	Peak
2	350.972	-88.56	32.16	-56.40	-13.00	-43.40	Peak
3	531.291	-87.93	35.90	-52.03	-13.00	-39.03	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	478.139	-88.38	34.74	-53.64	-13.00	-40.64	Peak
2	538.811	-87.64	36.02	-51.62	-13.00	-38.62	Peak
3	651.383	-88.13	38.08	-50.05	-13.00	-37.05	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	36.014	-88.32	30.04	-58.28	-13.00	-45.28	Peak
2	535.038	-88.09	35.96	-52.13	-13.00	-39.13	Peak
3	637.795	-87.00	38.03	-48.97	-13.00	-35.97	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	99.069	-86.06	26.64	-59.42	-13.00	-46.42	Peak
2	264.971	-86.87	29.94	-56.93	-13.00	-43.93	Peak
3	298.593	-85.35	30.46	-54.89	-13.00	-41.89	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	99.069	-81.07	26.64	-54.43	-13.00	-41.43	Peak
2	140.777	-88.54	27.08	-61.46	-13.00	-48.46	Peak
3	628.894	-88.19	38.08	-50.11	-13.00	-37.11	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	99.069	-84.05	26.64	-57.41	-13.00	-44.41	Peak
2	140.777	-87.23	27.08	-60.15	-13.00	-47.15	Peak
3	298.593	-84.49	30.46	-54.03	-13.00	-41.03	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	99.069	-84.95	26.64	-58.31	-13.00	-45.31	Peak
2	140.777	-88.36	27.08	-61.28	-13.00	-48.28	Peak
3	542.610	-87.85	36.02	-51.83	-13.00	-38.83	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	99.069	-82.92	26.64	-56.28	-13.00	-43.28	Peak
2	264.971	-85.46	29.94	-55.52	-13.00	-42.52	Peak
3	298.593	-80.14	30.46	-49.68	-13.00	-36.68	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	99.069	-78.83	26.64	-52.19	-13.00	-39.19	Peak
2	140.777	-87.28	27.08	-60.20	-13.00	-47.20	Peak
3	298.593	-86.54	30.46	-56.08	-13.00	-43.08	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	99.069	-84.83	26.64	-58.19	-13.00	-45.19	Peak
2	264.971	-86.28	29.94	-56.34	-13.00	-43.34	Peak
3	298.593	-84.12	30.46	-53.66	-13.00	-40.66	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	99.069	-80.65	26.64	-54.01	-13.00	-41.01	Peak
2	379.178	-89.17	32.71	-56.46	-13.00	-43.46	Peak
3	546.437	-88.81	36.01	-52.80	-13.00	-39.80	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	140.777	-87.92	27.08	-60.84	-13.00	-47.84	Peak
2	264.971	-86.62	29.94	-56.68	-13.00	-43.68	Peak
3	298.593	-84.02	30.46	-53.56	-13.00	-40.56	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	99.069	-82.33	26.64	-55.69	-13.00	-42.69	Peak
2	140.777	-87.64	27.08	-60.56	-13.00	-47.56	Peak
3	620.117	-88.27	37.97	-50.30	-13.00	-37.30	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	99.069	-84.03	26.64	-57.39	-13.00	-44.39	Peak
2	264.971	-85.54	29.94	-55.60	-13.00	-42.60	Peak
3	298.593	-81.40	30.46	-50.94	-13.00	-37.94	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	99.069	-77.53	26.64	-50.89	-13.00	-37.89	Peak
2	264.971	-84.92	29.94	-54.98	-13.00	-41.98	Peak
3	298.593	-83.34	30.46	-52.88	-13.00	-39.88	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	264.971	-85.60	29.94	-55.66	-13.00	-42.66	Peak
2	298.593	-84.50	30.46	-54.04	-13.00	-41.04	Peak
3	498.730	-87.57	35.39	-52.18	-13.00	-39.18	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	99.069	-79.17	26.64	-52.53	-13.00	-39.53	Peak
2	264.971	-85.25	29.94	-55.31	-13.00	-42.31	Peak
3	298.593	-86.31	30.46	-55.85	-13.00	-42.85	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	99.069	-85.78	26.64	-59.14	-13.00	-46.14	Peak
2	264.971	-86.89	29.94	-56.95	-13.00	-43.95	Peak
3	298.593	-83.68	30.46	-53.22	-13.00	-40.22	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	99.069	-80.96	26.64	-54.32	-13.00	-41.32	Peak
2	140.777	-88.38	27.08	-61.30	-13.00	-48.30	Peak
3	624.490	-89.26	38.02	-51.24	-13.00	-38.24	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	140.777	-85.49	27.08	-58.41	-25.00	-33.41	Peak
2	264.971	-83.19	29.94	-53.25	-25.00	-28.25	Peak
3	298.593	-82.66	30.46	-52.20	-25.00	-27.20	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	99.069	-85.36	26.64	-58.72	-13.00	-45.72	Peak
2	264.971	-80.12	29.94	-50.18	-13.00	-37.18	Peak
3	298.593	-84.49	30.46	-54.03	-13.00	-41.03	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	140.777	-84.49	27.08	-57.41	-13.00	-44.41	Peak
2	264.971	-83.62	29.94	-53.68	-13.00	-40.68	Peak
3	298.593	-82.84	30.46	-52.38	-13.00	-39.38	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	140.777	-84.81	27.08	-57.73	-13.00	-44.73	Peak
2	264.971	-79.66	29.94	-49.72	-13.00	-36.72	Peak
3	298.593	-82.88	30.46	-52.42	-13.00	-39.42	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	140.777	-85.75	27.08	-58.67	-13.00	-45.67	Peak
2	264.971	-84.27	29.94	-54.33	-13.00	-41.33	Peak
3	298.593	-81.51	30.46	-51.05	-13.00	-38.05	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	159.759	-89.19	27.65	-61.54	-13.00	-48.54	Peak
2	264.971	-79.41	29.94	-49.47	-13.00	-36.47	Peak
3	298.593	-83.36	30.46	-52.90	-13.00	-39.90	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	140.777	-85.03	27.08	-57.95	-13.00	-44.95	Peak
2	264.971	-85.05	29.94	-55.11	-13.00	-42.11	Peak
3	298.593	-81.63	30.46	-51.17	-13.00	-38.17	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	99.069	-85.50	26.64	-58.86	-13.00	-45.86	Peak
2	264.971	-79.68	29.94	-49.74	-13.00	-36.74	Peak
3	298.593	-82.16	30.46	-51.70	-13.00	-38.70	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	165.472	-85.61	27.57	-58.04	-13.00	-45.04	Peak
2	264.971	-84.34	29.94	-54.40	-13.00	-41.40	Peak
3	298.593	-82.11	30.46	-51.65	-13.00	-38.65	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	140.777	-84.78	27.08	-57.70	-13.00	-44.70	Peak
2	264.971	-79.75	29.94	-49.81	-13.00	-36.81	Peak
3	298.593	-82.43	30.46	-51.97	-13.00	-38.97	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	264.971	-84.27	29.94	-54.33	-13.00	-41.33	Peak
2	298.593	-84.57	30.46	-54.11	-13.00	-41.11	Peak
3	458.399	-88.79	34.36	-54.43	-13.00	-41.43	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	99.069	-86.24	26.64	-59.60	-13.00	-46.60	Peak
2	264.971	-79.34	29.94	-49.40	-13.00	-36.40	Peak
3	298.593	-84.23	30.46	-53.77	-13.00	-40.77	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	-45.39	2.39	-43.00	-13.00	-30.00	Peak
2	2472.600	-40.62	9.16	-31.46	-13.00	-18.46	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1648.400	-45.93	4.03	-41.90	-13.00	-28.90	Peak
2	2472.600	-42.21	11.49	-30.72	-13.00	-17.72	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	-47.51	2.59	-44.92	-13.00	-31.92	Peak
2	2509.800	-35.33	9.17	-26.16	-13.00	-13.16	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.200	-46.22	4.31	-41.91	-13.00	-28.91	Peak
2	2509.800	-37.34	11.46	-25.88	-13.00	-12.88	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	-44.67	2.78	-41.89	-13.00	-28.89	Peak
2	2546.400	-35.09	9.22	-25.87	-13.00	-12.87	Peak

Vertical							
No.	**Frequency (MHz)**	**Reading (dBm)**	**Correction factor (dB)**	**Result (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Remark**
1	1697.600	-49.38	4.59	-44.79	-13.00	-31.79	Peak
2	2546.400	-42.07	11.45	-30.62	-13.00	-17.62	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	-68.03	13.77	-54.26	-13.00	-41.26	Peak
2	5550.600	-66.15	16.02	-50.13	-13.00	-37.13	Peak

Vertical							
No.	**Frequency (MHz)**	**Reading (dBm)**	**Correction factor (dB)**	**Result (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Remark**
1	3700.400	-70.82	15.13	-55.69	-13.00	-42.69	Peak
2	5550.600	-66.33	16.91	-49.42	-13.00	-36.42	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	-70.02	13.87	-56.15	-13.00	-43.15	Peak
2	5640.000	-66.99	16.10	-50.89	-13.00	-37.89	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-72.11	15.28	-56.83	-13.00	-43.83	Peak
2	5640.000	-65.21	16.97	-48.24	-13.00	-35.24	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	-71.77	13.98	-57.79	-13.00	-44.79	Peak
2	5729.400	-66.99	16.37	-50.62	-13.00	-37.62	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3819.600	-68.43	15.44	-52.99	-13.00	-39.99	Peak
2	5729.400	-66.84	17.23	-49.61	-13.00	-36.61	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	-70.92	13.78	-57.14	-13.00	-44.14	Peak
2	5557.200	-69.21	16.01	-53.20	-13.00	-40.20	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3704.800	-70.58	15.14	-55.44	-13.00	-42.44	Peak
2	5557.200	-69.31	16.90	-52.41	-13.00	-39.41	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	-69.64	13.87	-55.77	-13.00	-42.77	Peak
2	5640.000	-66.95	16.10	-50.85	-13.00	-37.85	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-69.37	15.28	-54.09	-13.00	-41.09	Peak
2	5640.000	-68.04	16.97	-51.07	-13.00	-38.07	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	-69.17	13.97	-55.20	-13.00	-42.20	Peak
2	5722.800	-68.50	16.35	-52.15	-13.00	-39.15	Peak

Vertical							
No.	**Frequency (MHz)**	**Reading (dBm)**	**Correction factor (dB)**	**Result (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Remark**
1	3815.200	-71.38	15.43	-55.95	-13.00	-42.95	Peak
2	5722.800	-68.72	17.21	-51.51	-13.00	-38.51	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	-60.40	12.45	-47.95	-13.00	-34.95	Peak
2	5137.200	-68.35	16.11	-52.24	-13.00	-39.24	Peak

Vertical							
No.	**Frequency (MHz)**	**Reading (dBm)**	**Correction factor (dB)**	**Result (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Remark**
1	3424.800	-65.41	13.70	-51.71	-13.00	-38.71	Peak
2	5137.200	-69.90	17.08	-52.82	-13.00	-39.82	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	3464.800	-62.67	12.74	-49.93	-13.00	-36.93	Peak
2	5197.200	-69.43	16.21	-53.22	-13.00	-40.22	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3464.800	-62.92	13.97	-48.95	-13.00	-35.95	Peak
2	5197.200	-67.71	17.17	-50.54	-13.00	-37.54	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	-67.41	13.03	-54.38	-13.00	-41.38	Peak
2	5257.800	-66.60	16.20	-50.40	-13.00	-37.40	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3505.200	-66.68	14.24	-52.44	-13.00	-39.44	Peak
2	5257.800	-68.17	17.15	-51.02	-13.00	-38.02	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	-59.03	2.43	-56.60	-13.00	-43.60	Peak
2	2479.200	-62.61	9.16	-53.45	-13.00	-40.45	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1652.800	-70.38	4.08	-66.30	-13.00	-53.30	Peak
2	2479.200	-69.52	11.48	-58.04	-13.00	-45.04	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	-61.37	2.59	-58.78	-13.00	-45.78	Peak
2	2509.200	-62.60	9.17	-53.43	-13.00	-40.43	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1672.800	-62.44	4.31	-58.13	-13.00	-45.13	Peak
2	2509.200	-61.92	11.46	-50.46	-13.00	-37.46	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	-59.33	2.75	-56.58	-13.00	-43.58	Peak
2	2539.800	-58.49	9.22	-49.27	-13.00	-36.27	Peak

Vertical							
No.	**Frequency (MHz)**	**Reading (dBm)**	**Correction factor (dB)**	**Result (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Remark**
1	1693.200	-65.46	4.54	-60.92	-13.00	-47.92	Peak
2	2539.800	-63.16	11.45	-51.71	-13.00	-38.71	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	-61.15	13.74	-47.41	-13.00	-34.41	Peak
2	5521.982	-63.34	16.05	-47.29	-13.00	-34.29	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3681.329	-64.97	15.08	-49.89	-13.00	-36.89	Peak
2	5521.982	-66.53	16.95	-49.58	-13.00	-36.58	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	3724.224	-62.07	13.80	-48.27	-13.00	-35.27	Peak
2	5651.416	-65.33	16.13	-49.20	-13.00	-36.20	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3724.224	-65.22	15.18	-50.04	-13.00	-37.04	Peak
2	5651.416	-64.66	17.00	-47.66	-13.00	-34.66	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	-61.79	13.97	-47.82	-13.00	-34.82	Peak
2	5727.900	-64.96	16.36	-48.60	-13.00	-35.60	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3811.519	-58.41	15.42	-42.99	-13.00	-29.99	Peak
2	5727.900	-65.17	17.21	-47.96	-13.00	-34.96	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	3703.000	-64.13	13.77	-50.36	-13.00	-37.36	Peak
2	5554.500	-65.61	16.02	-49.59	-13.00	-36.59	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3703.000	-64.71	15.13	-49.58	-13.00	-36.58	Peak
2	5554.500	-65.97	16.91	-49.06	-13.00	-36.06	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	3724.224	-62.72	13.80	-48.92	-13.00	-35.92	Peak
2	5640.000	-65.60	16.10	-49.50	-13.00	-36.50	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3724.224	-66.00	15.18	-50.82	-13.00	-37.82	Peak
2	5651.416	-65.27	17.00	-48.27	-13.00	-35.27	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	-62.57	13.97	-48.60	-13.00	-35.60	Peak
2	5725.500	-64.90	16.36	-48.54	-13.00	-35.54	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3811.519	-61.22	15.42	-45.80	-13.00	-32.80	Peak
2	5725.500	-64.39	17.21	-47.18	-13.00	-34.18	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	3705.000	-64.27	13.78	-50.49	-13.00	-37.49	Peak
2	5557.500	-65.49	16.01	-49.48	-13.00	-36.48	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3705.000	-66.33	15.15	-51.18	-13.00	-38.18	Peak
2	5557.500	-66.40	16.90	-49.50	-13.00	-36.50	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	3724.224	-63.48	13.80	-49.68	-13.00	-36.68	Peak
2	5586.324	-64.80	15.98	-48.82	-13.00	-35.82	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3724.224	-64.26	15.18	-49.08	-13.00	-36.08	Peak
2	5586.324	-63.39	16.86	-46.53	-13.00	-33.53	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	-62.53	13.97	-48.56	-13.00	-35.56	Peak
2	5722.500	-64.08	16.35	-47.73	-13.00	-34.73	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3811.519	-63.14	15.42	-47.72	-13.00	-34.72	Peak
2	5722.500	-65.09	17.21	-47.88	-13.00	-34.88	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	-62.38	13.74	-48.64	-13.00	-35.64	Peak
2	5565.000	-64.16	16.01	-48.15	-13.00	-35.15	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3681.329	-64.32	15.08	-49.24	-13.00	-36.24	Peak
2	5565.000	-65.46	16.90	-48.56	-13.00	-35.56	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	3724.224	-63.71	13.80	-49.91	-13.00	-36.91	Peak
2	5586.324	-64.30	15.98	-48.32	-13.00	-35.32	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3724.224	-64.16	15.18	-48.98	-13.00	-35.98	Peak
2	5586.324	-62.83	16.86	-45.97	-13.00	-32.97	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	3810.000	-65.00	13.96	-51.04	-13.00	-38.04	Peak
2	5715.000	-65.22	16.33	-48.89	-13.00	-35.89	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3810.000	-64.82	15.41	-49.41	-13.00	-36.41	Peak
2	5715.000	-65.07	17.19	-47.88	-13.00	-34.88	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	3715.000	-65.99	13.79	-52.20	-13.00	-39.20	Peak
2	5572.500	-65.96	16.00	-49.96	-13.00	-36.96	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3715.000	-66.09	15.16	-50.93	-13.00	-37.93	Peak
2	5572.500	-65.62	16.89	-48.73	-13.00	-35.73	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	-64.11	13.80	-50.31	-13.00	-37.31	Peak
2	5586.324	-64.84	15.98	-48.86	-13.00	-35.86	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3724.224	-65.49	15.18	-50.31	-13.00	-37.31	Peak
2	5586.324	-63.78	16.86	-46.92	-13.00	-33.92	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	3805.000	-65.92	13.96	-51.96	-13.00	-38.96	Peak
2	5707.500	-64.40	16.30	-48.10	-13.00	-35.10	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3805.000	-65.09	15.40	-49.69	-13.00	-36.69	Peak
2	5707.500	-64.80	17.16	-47.64	-13.00	-34.64	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	3681.329	-62.03	13.74	-48.29	-13.00	-35.29	Peak
2	5580.000	-65.06	15.98	-49.08	-13.00	-36.08	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3702.714	-63.61	15.13	-48.48	-13.00	-35.48	Peak
2	5580.000	-65.66	16.87	-48.79	-13.00	-35.79	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	-61.93	13.80	-48.13	-13.00	-35.13	Peak
2	5640.000	-65.27	16.10	-49.17	-13.00	-36.17	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-67.79	15.28	-52.51	-13.00	-39.51	Peak
2	5640.000	-65.09	16.97	-48.12	-13.00	-35.12	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	3800.000	-65.26	13.95	-51.31	-13.00	-38.31	Peak
2	5700.000	-65.52	16.28	-49.24	-13.00	-36.24	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3800.000	-65.70	15.39	-50.31	-13.00	-37.31	Peak
2	5700.000	-66.11	17.14	-48.97	-13.00	-35.97	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	-52.31	12.37	-39.94	-13.00	-26.94	Peak
2	5132.100	-64.33	16.09	-48.24	-13.00	-35.24	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-53.52	13.63	-39.89	-13.00	-26.89	Peak
2	5132.100	-64.73	17.07	-47.66	-13.00	-34.66	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	-55.03	12.66	-42.37	-13.00	-29.37	Peak
2	5197.500	-65.24	16.21	-49.03	-13.00	-36.03	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-56.42	13.89	-42.53	-13.00	-29.53	Peak
2	5197.500	-64.93	17.17	-47.76	-13.00	-34.76	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	-57.66	12.96	-44.70	-13.00	-31.70	Peak
2	5262.900	-64.13	16.19	-47.94	-13.00	-34.94	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3494.334	-58.62	14.17	-44.45	-13.00	-31.45	Peak
2	5262.900	-65.44	17.14	-48.30	-13.00	-35.30	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	-55.41	12.37	-43.04	-13.00	-30.04	Peak
2	5134.500	-64.13	16.09	-48.04	-13.00	-35.04	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-54.57	13.63	-40.94	-13.00	-27.94	Peak
2	5134.500	-64.56	17.07	-47.49	-13.00	-34.49	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	-56.83	12.66	-44.17	-13.00	-31.17	Peak
2	5181.120	-63.64	16.18	-47.46	-13.00	-34.46	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-56.02	13.89	-42.13	-13.00	-29.13	Peak
2	5181.120	-62.32	17.14	-45.18	-13.00	-32.18	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	-58.44	12.96	-45.48	-13.00	-32.48	Peak
2	5260.500	-64.42	16.20	-48.22	-13.00	-35.22	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3494.334	-58.98	14.17	-44.81	-13.00	-31.81	Peak
2	5260.500	-65.24	17.15	-48.09	-13.00	-35.09	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	-56.32	12.37	-43.95	-13.00	-30.95	Peak
2	5137.500	-64.65	16.11	-48.54	-13.00	-35.54	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-58.95	13.63	-45.32	-13.00	-32.32	Peak
2	5137.500	-65.32	17.08	-48.24	-13.00	-35.24	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	-58.02	12.66	-45.36	-13.00	-32.36	Peak
2	5197.500	-64.05	16.21	-47.84	-13.00	-34.84	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-56.72	13.89	-42.83	-13.00	-29.83	Peak
2	5197.500	-66.40	17.17	-49.23	-13.00	-36.23	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	-58.09	12.96	-45.13	-13.00	-32.13	Peak
2	5257.500	-64.57	16.20	-48.37	-13.00	-35.37	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3494.334	-60.76	14.17	-46.59	-13.00	-33.59	Peak
2	5257.500	-65.33	17.15	-48.18	-13.00	-35.18	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	-52.24	12.37	-39.87	-13.00	-26.87	Peak
2	5145.000	-63.41	16.11	-47.30	-13.00	-34.30	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-53.39	13.63	-39.76	-13.00	-26.76	Peak
2	5145.000	-65.24	17.09	-48.15	-13.00	-35.15	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	-54.88	12.66	-42.22	-13.00	-29.22	Peak
2	5181.120	-64.22	16.18	-48.04	-13.00	-35.04	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-58.08	13.89	-44.19	-13.00	-31.19	Peak
2	5181.120	-61.91	17.14	-44.77	-13.00	-31.77	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	3494.334	-60.00	12.96	-47.04	-13.00	-34.04	Peak
2	5250.000	-64.17	16.20	-47.97	-13.00	-34.97	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3494.334	-62.17	14.17	-48.00	-13.00	-35.00	Peak
2	5250.000	-64.44	17.15	-47.29	-13.00	-34.29	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	-59.58	12.37	-47.21	-13.00	-34.21	Peak
2	5152.500	-64.87	16.12	-48.75	-13.00	-35.75	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-60.73	13.63	-47.10	-13.00	-34.10	Peak
2	5152.500	-64.43	17.09	-47.34	-13.00	-34.34	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	-57.70	12.66	-45.04	-13.00	-32.04	Peak
2	5197.500	-65.24	16.21	-49.03	-13.00	-36.03	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3454.087	-52.81	13.89	-38.92	-13.00	-25.92	Peak
2	5197.500	-65.30	17.17	-48.13	-13.00	-35.13	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	3494.334	-60.64	12.96	-47.68	-13.00	-34.68	Peak
2	5242.500	-64.98	16.20	-48.78	-13.00	-35.78	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3494.334	-61.92	14.17	-47.75	-13.00	-34.75	Peak
2	5242.500	-64.74	17.15	-47.59	-13.00	-34.59	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	-57.65	12.37	-45.28	-13.00	-32.28	Peak
2	5160.000	-64.53	16.14	-48.39	-13.00	-35.39	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3414.304	-52.50	13.63	-38.87	-13.00	-25.87	Peak
2	5160.000	-64.94	17.11	-47.83	-13.00	-34.83	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	-56.02	12.52	-43.50	-13.00	-30.50	Peak
2	5197.500	-63.57	16.21	-47.36	-13.00	-34.36	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3434.138	-56.71	13.76	-42.95	-13.00	-29.95	Peak
2	5197.500	-65.66	17.17	-48.49	-13.00	-35.49	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	3474.153	-61.62	12.81	-48.81	-13.00	-35.81	Peak
2	5235.000	-65.20	16.20	-49.00	-13.00	-36.00	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3474.153	-61.71	14.03	-47.68	-13.00	-34.68	Peak
2	5235.000	-64.73	17.16	-47.57	-13.00	-34.57	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	-56.63	2.38	-54.25	-13.00	-41.25	Peak
2	2468.481	-58.03	9.16	-48.87	-13.00	-35.87	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1645.658	-54.45	4.00	-50.45	-13.00	-37.45	Peak
2	2468.481	-54.27	11.49	-42.78	-13.00	-29.78	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	1664.833	-58.48	2.53	-55.95	-13.00	-42.95	Peak
2	2497.244	-66.64	9.16	-57.48	-13.00	-44.48	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1664.833	-54.79	4.22	-50.57	-13.00	-37.57	Peak
2	2497.244	-64.31	11.47	-52.84	-13.00	-39.84	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	1684.232	-52.67	2.67	-50.00	-13.00	-37.00	Peak
2	2541.018	-62.44	9.22	-53.22	-13.00	-40.22	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1684.232	-51.97	4.43	-47.54	-13.00	-34.54	Peak
2	2541.018	-62.07	11.45	-50.62	-13.00	-37.62	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	-59.42	2.38	-57.04	-13.00	-44.04	Peak
2	2468.481	-67.26	9.16	-58.10	-13.00	-45.10	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1645.658	-56.27	4.00	-52.27	-13.00	-39.27	Peak
2	2468.481	-63.41	11.49	-51.92	-13.00	-38.92	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	1664.833	-58.96	2.53	-56.43	-13.00	-43.43	Peak
2	2497.244	-65.72	9.16	-56.56	-13.00	-43.56	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1664.833	-54.31	4.22	-50.09	-13.00	-37.09	Peak
2	2497.244	-65.77	11.47	-54.30	-13.00	-41.30	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	1684.232	-56.55	2.67	-53.88	-13.00	-40.88	Peak
2	2541.018	-65.73	9.22	-56.51	-13.00	-43.51	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1684.232	-57.17	4.43	-52.74	-13.00	-39.74	Peak
2	2541.018	-65.45	11.45	-54.00	-13.00	-41.00	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	1645.658	-61.05	2.38	-58.67	-13.00	-45.67	Peak
2	2479.500	-67.98	9.16	-58.82	-13.00	-45.82	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1645.658	-57.59	4.00	-53.59	-13.00	-40.59	Peak
2	2479.500	-69.39	11.48	-57.91	-13.00	-44.91	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	-58.38	2.53	-55.85	-13.00	-42.85	Peak
2	2497.244	-67.38	9.16	-58.22	-13.00	-45.22	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1664.833	-55.72	4.22	-51.50	-13.00	-38.50	Peak
2	2497.244	-64.08	11.47	-52.61	-13.00	-39.61	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	1684.232	-51.89	2.67	-49.22	-13.00	-36.22	Peak
2	2526.342	-61.94	9.19	-52.75	-13.00	-39.75	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1684.232	-51.12	4.43	-46.69	-13.00	-33.69	Peak
2	2526.342	-61.15	11.45	-49.70	-13.00	-36.70	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	1655.218	-60.89	2.45	-58.44	-13.00	-45.44	Peak
2	2468.481	-67.44	9.16	-58.28	-13.00	-45.28	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1655.218	-59.23	4.11	-55.12	-13.00	-42.12	Peak
2	2468.481	-66.55	11.49	-55.06	-13.00	-42.06	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	1674.504	-60.36	2.59	-57.77	-13.00	-44.77	Peak
2	2509.500	-66.63	9.17	-57.46	-13.00	-44.46	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1674.504	-58.68	4.32	-54.36	-13.00	-41.36	Peak
2	2511.751	-68.44	11.46	-56.98	-13.00	-43.98	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	1684.232	-58.49	2.67	-55.82	-13.00	-42.82	Peak
2	2532.000	-67.17	9.21	-57.96	-13.00	-44.96	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1684.232	-59.55	4.43	-55.12	-13.00	-42.12	Peak
2	2532.000	-67.18	11.46	-55.72	-13.00	-42.72	Peak

LTE Band 7/5 MHz _Lowest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7506.207	-57.85	19.08	-38.77	-25.00	-13.77	Peak
2	10027.650	-55.12	22.24	-32.88	-25.00	-7.88	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7506.207	-56.02	18.48	-37.54	-25.00	-12.54	Peak
2	10027.650	-51.99	21.19	-30.80	-25.00	-5.80	Peak

LTE Band 7/5 MHz _Middle Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10144.500	-59.74	22.42	-37.32	-25.00	-12.32	Peak
2	12715.630	-59.16	23.49	-35.67	-25.00	-10.67	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10144.500	-57.66	21.13	-36.53	-25.00	-11.53	Peak
2	12715.630	-62.95	23.09	-39.86	-25.00	-14.86	Peak

LTE Band 7/5 MHz _Highest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10262.700	-55.53	22.65	-32.88	-25.00	-7.88	Peak
2	12863.790	-56.35	23.99	-32.36	-25.00	-7.36	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10262.700	-55.56	21.12	-34.44	-25.00	-9.44	Peak
2	12863.790	-62.27	23.38	-38.89	-25.00	-13.89	Peak

LTE Band 7/10 MHz _Lowest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10027.650	-59.57	22.24	-37.33	-25.00	-12.33	Peak
2	12569.170	-60.87	23.01	-37.86	-25.00	-12.86	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10027.650	-58.92	21.19	-37.73	-25.00	-12.73	Peak
2	12569.170	-62.77	22.82	-39.95	-25.00	-14.95	Peak

LTE Band 7/10 MHz _Middle Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10144.500	-60.13	22.42	-37.71	-25.00	-12.71	Peak
2	12715.630	-60.94	23.49	-37.45	-25.00	-12.45	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10144.500	-60.21	21.13	-39.08	-25.00	-14.08	Peak
2	12715.630	-64.32	23.09	-41.23	-25.00	-16.23	Peak

LTE Band 7/10 MHz _Highest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10262.700	-57.56	22.65	-34.91	-25.00	-9.91	Peak
2	12863.790	-59.23	23.99	-35.24	-25.00	-10.24	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10262.700	-58.03	21.12	-36.91	-25.00	-11.91	Peak
2	12863.790	-62.18	23.38	-38.80	-25.00	-13.80	Peak

LTE Band 7/15 MHz _Lowest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10027.650	-61.45	22.24	-39.21	-25.00	-14.21	Peak
2	12496.580	-62.89	22.87	-40.02	-25.00	-15.02	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10027.650	-59.15	21.19	-37.96	-25.00	-12.96	Peak
2	12496.580	-62.20	22.77	-39.43	-25.00	-14.43	Peak

LTE Band 7/15 MHz _Middle Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10144.500	-60.94	22.42	-38.52	-25.00	-13.52	Peak
2	12715.630	-60.24	23.49	-36.75	-25.00	-11.75	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10144.500	-60.32	21.13	-39.19	-25.00	-14.19	Peak
2	12715.630	-64.81	23.09	-41.72	-25.00	-16.72	Peak

LTE Band 7/15 MHz _Highest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10262.700	-58.09	22.65	-35.44	-25.00	-10.44	Peak
2	12863.790	-60.42	23.99	-36.43	-25.00	-11.43	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10262.700	-58.89	21.12	-37.77	-25.00	-12.77	Peak
2	12863.790	-64.75	23.38	-41.37	-25.00	-16.37	Peak

LTE Band 7/20 MHz _Lowest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10027.650	-62.80	22.24	-40.56	-25.00	-15.56	Peak
2	12569.170	-62.37	23.01	-39.36	-25.00	-14.36	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10027.650	-60.10	21.19	-38.91	-25.00	-13.91	Peak
2	12569.170	-63.42	22.82	-40.60	-25.00	-15.60	Peak

LTE Band 7 20 MHz _Middle Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10085.910	-55.83	22.33	-33.50	-25.00	-8.50	Peak
2	12642.190	-54.26	23.22	-31.04	-25.00	-6.04	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10085.910	-55.63	21.16	-34.47	-25.00	-9.47	Peak
2	12642.190	-59.62	22.92	-36.70	-25.00	-11.70	Peak

LTE Band 7/20 MHz _Highest Channel

Horizontal

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10262.700	-60.17	22.65	-37.52	-25.00	-12.52	Peak
2	12789.500	-60.70	23.74	-36.96	-25.00	-11.96	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	10262.700	-59.27	21.12	-38.15	-25.00	-13.15	Peak
2	12789.500	-65.44	23.23	-42.21	-25.00	-17.21	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	2787.770	-63.87	9.84	-54.03	-13.00	-41.03	Peak
2	3494.334	-51.31	12.96	-38.35	-13.00	-25.35	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	2787.770	-65.70	11.68	-54.02	-13.00	-41.02	Peak
2	3494.334	-52.03	14.17	-37.86	-13.00	-24.86	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	1432.075	-55.90	1.01	-54.89	-13.00	-41.89	Peak
2	3535.050	-62.44	13.21	-49.23	-13.00	-36.23	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1432.075	-58.16	2.06	-56.10	-13.00	-43.10	1432.075	Peak
3535.050	-64.02	14.44	-49.58	-13.00	-36.58	3535.050	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	1432.075	-57.21	1.01	-56.20	-13.00	-43.20	Peak
2	3555.586	-55.57	13.33	-42.24	-13.00	-29.24	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1432.075	-56.90	2.06	-54.84	-13.00	-41.84	Peak
2	3555.586	-54.76	14.58	-40.18	-13.00	-27.18	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	2803.965	-66.02	9.89	-56.13	-13.00	-43.13	Peak
2	3494.334	-52.95	12.96	-39.99	-13.00	-26.99	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	2802.000	-67.04	11.70	-55.34	-13.00	-42.34	Peak
2	3494.334	-56.66	14.17	-42.49	-13.00	-29.49	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	1432.075	-59.71	1.01	-58.70	-13.00	-45.70	Peak
2	3535.050	-62.72	13.21	-49.51	-13.00	-36.51	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1432.075	-59.59	2.06	-57.53	-13.00	-44.53	Peak
2	3535.050	-64.46	14.44	-50.02	-13.00	-37.02	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	1423.804	-59.88	1.00	-58.88	-13.00	-45.88	Peak
2	3555.586	-58.68	13.33	-45.35	-13.00	-32.35	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1423.804	-58.92	2.03	-56.89	-13.00	-43.89	Peak
2	3555.586	-59.06	14.58	-44.48	-13.00	-31.48	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	1432.075	-57.66	1.01	-56.65	-13.00	-43.65	Peak
2	3494.334	-56.29	12.96	-43.33	-13.00	-30.33	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1432.075	-60.31	2.06	-58.25	-13.00	-45.25	Peak
2	3494.334	-59.50	14.17	-45.33	-13.00	-32.33	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	1432.075	-56.93	1.01	-55.92	-13.00	-42.92	Peak
2	3535.050	-62.13	13.21	-48.92	-13.00	-35.92	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1432.075	-59.53	2.06	-57.47	-13.00	-44.47	Peak
2	3535.050	-64.89	14.44	-50.45	-13.00	-37.45	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	1432.075	-57.35	1.01	-56.34	-13.00	-43.34	Peak
2	3555.586	-58.67	13.33	-45.34	-13.00	-32.34	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1432.075	-59.54	2.06	-57.48	-13.00	-44.48	Peak
2	3555.586	-60.95	14.58	-46.37	-13.00	-33.37	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	1246.212	-56.24	0.45	-55.79	-13.00	-42.79	Peak
2	3514.633	-61.48	13.08	-48.40	-13.00	-35.40	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1246.212	-56.89	1.35	-55.54	-13.00	-42.54	Peak
2	3514.633	-64.16	14.29	-49.87	-13.00	-36.87	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	1432.075	-57.35	1.01	-56.34	-13.00	-43.34	Peak
2	3535.050	-60.83	13.21	-47.62	-13.00	-34.62	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1432.075	-59.76	2.06	-57.70	-13.00	-44.70	Peak
2	3535.050	-63.53	14.44	-49.09	-13.00	-36.09	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	1432.075	-58.04	1.01	-57.03	-13.00	-44.03	Peak
2	3555.586	-61.61	13.33	-48.28	-13.00	-35.28	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1432.075	-59.32	2.06	-57.26	-13.00	-44.26	Peak
2	3555.586	-62.04	14.58	-47.46	-13.00	-34.46	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	2111.103	-55.89	5.77	-50.12	-13.00	-37.12	Peak
2	3514.633	-56.04	13.08	-42.96	-13.00	-29.96	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	2111.103	-59.63	8.54	-51.09	-13.00	-38.09	Peak
2	3514.633	-54.87	14.29	-40.58	-13.00	-27.58	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	1432.075	-56.62	1.01	-55.61	-13.00	-42.61	Peak
2	3555.586	-60.30	13.33	-46.97	-13.00	-33.97	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1432.075	-58.44	2.06	-56.38	-13.00	-43.38	Peak
2	3555.586	-61.94	14.58	-47.36	-13.00	-34.36	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	1432.075	-58.12	1.01	-57.11	-13.00	-44.11	Peak
2	3555.586	-61.39	13.33	-48.06	-13.00	-35.06	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1432.075	-59.33	2.06	-57.27	-13.00	-44.27	Peak
2	3555.586	-61.03	14.58	-46.45	-13.00	-33.45	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	1432.075	-58.16	1.01	-57.15	-13.00	-44.15	Peak
2	3555.586	-61.06	13.33	-47.73	-13.00	-34.73	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1432.075	-59.15	2.06	-57.09	-13.00	-44.09	Peak
2	3555.586	-61.65	14.58	-47.07	-13.00	-34.07	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	1432.075	-55.65	1.01	-54.64	-13.00	-41.64	Peak
2	3555.586	-60.33	13.33	-47.00	-13.00	-34.00	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1432.075	-59.51	2.06	-57.45	-13.00	-44.45	Peak
2	3555.586	-61.16	14.58	-46.58	-13.00	-33.58	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	1432.075	-55.66	1.01	-54.65	-13.00	-41.65	Peak
2	2135.701	-56.63	5.90	-50.73	-13.00	-37.73	Peak

Vertical

No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1432.075	-54.77	2.06	-52.71	-13.00	-39.71	Peak
2	2135.701	-57.95	8.63	-49.32	-13.00	-36.32	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 ±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° to + 50°C
   b) Voltage =low voltage, 3.4 Vdc, Normal, 3.8 Vdc and High voltage, 4.35 Vdc.
2) Frequency Stability vs Temperature:

The EUT is place inside a temperature chamber. The temperature is set to 20ºC 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 +50ºC 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 (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
GSM 850 1Tx-slot							
GMSK	190 / 836.6	VL	TN	-9	-0.0108	± 2.5	Pass
		VN		-11	-0.0131	± 2.5	Pass
		VH		-6	-0.0072	± 2.5	Pass
		VN	50	-7	-0.0084	± 2.5	Pass
			40	-4	-0.0048	± 2.5	Pass
			30	7	0.0084	± 2.5	Pass
			20	5	0.0060	± 2.5	Pass
			10	8	0.0096	± 2.5	Pass
			0	11	0.0131	± 2.5	Pass
			-10	6	0.0072	± 2.5	Pass
			-20	8	0.0096	± 2.5	Pass
			-30	8	0.0096	± 2.5	Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (℃)	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	-9	-0.0108	± 2.5	Pass
			40	-8	-0.0096	± 2.5	Pass
			30	12	0.0143	± 2.5	Pass
			20	11	0.0131	± 2.5	Pass
			10	9	0.0108	± 2.5	Pass
			0	8	0.0096	± 2.5	Pass
			-10	12	0.0143	± 2.5	Pass
			-20	10	0.0120	± 2.5	Pass
			-30	9	0.0108	± 2.5	Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (℃)	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		-7	-0.0084	± 2.5	Pass
		VH		11	0.0132	± 2.5	Pass
		VN	50	9	0.0108	± 2.5	Pass
			40	9	0.0108	± 2.5	Pass
			30	6	0.0072	± 2.5	Pass
			20	12	0.0143	± 2.5	Pass
			10	9	0.0108	± 2.5	Pass
			0	8	0.0096	± 2.5	Pass
			-10	9	0.0108	± 2.5	Pass
			-20	11	0.0132	± 2.5	Pass
			-30	-8	-0.0096	± 2.5	Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
GSM 1900 1Tx-slot							
GMSK	661 / 1880.0	VL	TN	9	0.0048	Note 1	Pass
		VN		7	0.0037		Pass
		VH		11	0.0059		Pass
		VN	50	-9	-0.0048		Pass
			40	-8	-0.0043		Pass
			30	12	0.0064		Pass
			20	9	0.0048		Pass
			10	8	0.0043		Pass
			0	-7	-0.0037		Pass
			-10	11	0.0059		Pass
			-20	9	0.0048		Pass
			-30	9	0.0048		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
EDGE 1900 1Tx-slot							
8PSK	661 / 1880.0	VL	TN	-9	-0.0048	Note 1	Pass
		VN		12	0.0064		Pass
		VH		11	0.0059		Pass
		VN	50	9	0.0048		Pass
			40	8	0.0043		Pass
			30	-9	-0.0048		Pass
			20	6	0.0032		Pass
			10	8	0.0043		Pass
			0	-7	-0.0037		Pass
			-10	11	0.0059		Pass
			-20	9	0.0048		Pass
			-30	-8	-0.0043		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
WCDMA Band II RMC 12.2Kbps							
BPSK	9400 / 1880.0	VL	TN	9	0.0048	Note 1	Pass
		VN		8	0.0043		Pass
		VH		11	0.0059		Pass
		VN	50	-8	-0.0043		Pass
			40	-9	-0.0048		Pass
			30	12	0.0064		Pass
			20	11	0.0059		Pass
			10	8	0.0043		Pass
			0	8	0.0043		Pass
			-10	7	0.0037		Pass
			-20	5	0.0027		Pass
			-30	7	0.0037		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
WCDMA Band IV RMC 12.2Kbps							
BMSK	1412 / 1732.4	VL	TN	9	0.0052	Note 1	Pass
		VN		9	0.0052		Pass
		VH		-3	-0.0017		Pass
		VN	50	-5	-0.0029		Pass
			40	-7	-0.0040		Pass
			30	-7	-0.0040		Pass
			20	-9	-0.0052		Pass
			10	11	0.0063		Pass
			0	11	0.0063		Pass
			-10	13	0.0075		Pass
			-20	7	0.0040		Pass
			-30	9	0.0052		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (℃)	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		8	0.0043		Pass
		VH		8	0.0043		Pass
		VN	50	-8	-0.0043		Pass
			40	-6	-0.0032		Pass
			30	-11	-0.0059		Pass
			20	-13	-0.0069		Pass
			10	9	0.0048		Pass
			0	12	0.0064		Pass
			-10	8	0.0043		Pass
			-20	9	0.0048		Pass
			-30	-7	-0.0037		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
LTE Band 4 / 20MHz / Full RB							
QPSK	20175 / 1732.5	VL	TN	-11	-0.0063	Note 1	Pass
		VN		9	0.0052		Pass
		VH		8	0.0046		Pass
		VN	50	-5	-0.0029		Pass
			40	-8	-0.0046		Pass
			30	12	0.0069		Pass
			20	11	0.0063		Pass
			10	-9	-0.0052		Pass
			0	14	0.0081		Pass
			-10	8	0.0046		Pass
			-20	9	0.0052		Pass
			-30	9	0.0052		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
LTE Band 5 / 10MHz / Full RB							
QPSK	20525 / 836.5	VL	TN	8	0.0096	± 2.5	Pass
		VN		5	0.0060	± 2.5	Pass
		VH		5	0.0060	± 2.5	Pass
		VN	50	-6	-0.0072	± 2.5	Pass
			40	-7	-0.0084	± 2.5	Pass
			30	-11	-0.0132	± 2.5	Pass
			20	-7	-0.0084	± 2.5	Pass
			10	-4	-0.0048	± 2.5	Pass
			0	8	0.0096	± 2.5	Pass
			-10	6	0.0072	± 2.5	Pass
			-20	9	0.0108	± 2.5	Pass
			-30	11	0.0132	± 2.5	Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
LTE Band 7 / 20MHz / Full RB							
QPSK	21100 / 2535	VL	TN	-9	-0.0036	Note 1	Pass
		VN		-9	-0.0036		Pass
		VH		-5	-0.0020		Pass
		VN	50	-11	-0.0043		Pass
			40	-13	-0.0051		Pass
			30	-10	-0.0039		Pass
			20	-7	-0.0028		Pass
			10	5	0.0020		Pass
			0	8	0.0032		Pass
			-10	7	0.0028		Pass
			-20	7	0.0028		Pass
			-30	6	0.0024		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
LTE Band 12 / 10MHz / Full RB							
QPSK	23095 / 707.5	VL	TN	9	0.0127	Note 1	Pass
		VN		-7	-0.0099		Pass
		VH		8	0.0113		Pass
		VN	50	11	0.0155		Pass
			40	13	0.0184		Pass
			30	7	0.0099		Pass
			20	9	0.0127		Pass
			10	8	0.0113		Pass
			0	10	0.0141		Pass
			-10	12	0.0170		Pass
			-20	-9	-0.0127		Pass
			-30	8	0.0113		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
LTE Band 17 / 10MHz / Full RB							
QPSK	23790 / 710	VL	TN	11	0.0155	Note 1	Pass
		VN		8	0.0113		Pass
		VH		-9	-0.0127		Pass
		VN	50	-8	-0.0113		Pass
			40	11	0.0155		Pass
			30	12	0.0169		Pass
			20	9	0.0127		Pass
			10	8	0.0113		Pass
			0	11	0.0155		Pass
			-10	7	0.0099		Pass
			-20	9	0.0127		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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