

LTE Band 5/ 5 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	523.8763	-89.09	35.37	-53.72	-13.00	-40.72	Peak
2	633.3285	-88.58	37.34	-51.24	-13.00	-38.24	Peak
3	760.2867	-88.27	39.20	-49.07	-13.00	-36.07	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	418.3784	-88.64	33.52	-55.12	-13.00	-42.12	Peak
2	624.4897	-88.23	37.29	-50.94	-13.00	-37.94	Peak
3	684.2259	-87.73	38.05	-49.68	-13.00	-36.68	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	523.8763	-88.65	35.37	-53.28	-13.00	-40.28	Peak
2	674.6768	-88.21	37.88	-50.33	-13.00	-37.33	Peak
3	798.6205	-87.09	39.57	-47.52	-13.00	-34.52	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	341.2442	-88.96	32.06	-56.90	-13.00	-43.90	Peak
2	734.0373	-88.50	38.49	-50.01	-13.00	-37.01	Peak
3	787.4749	-87.28	39.37	-47.91	-13.00	-34.91	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	95.6485	-86.16	27.25	-58.91	-13.00	-45.91	Peak
2	406.7820	-89.34	33.35	-55.99	-13.00	-42.99	Peak
3	655.9766	-88.92	37.50	-51.42	-13.00	-38.42	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	95.6485	-86.88	27.25	-59.63	-13.00	-46.63	Peak
2	527.5707	-89.02	35.44	-53.58	-13.00	-40.58	Peak
3	703.7314	-88.72	38.30	-50.42	-13.00	-37.42	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	32.1840	-88.36	34.21	-54.15	-13.00	-41.15	Peak
2	97.0023	-86.53	27.31	-59.22	-13.00	-46.22	Peak
3	633.3285	-87.17	37.34	-49.83	-13.00	-36.83	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	142.7692	-89.30	27.62	-61.68	-13.00	-48.68	Peak
2	175.0405	-88.77	28.28	-60.49	-13.00	-47.49	Peak
3	660.6025	-88.65	37.63	-51.02	-13.00	-38.02	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	427.2920	-83.51	27.84	-55.67	-13.00	-42.67	Peak
2	679.4346	-88.93	38.03	-50.90	-13.00	-37.90	Peak
3	804.2523	-87.82	39.47	-48.35	-13.00	-35.35	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	392.7376	-89.64	32.91	-56.73	-13.00	-43.73	Peak
2	520.2079	-88.80	35.30	-53.50	-13.00	-40.50	Peak
3	703.7314	-88.09	38.30	-49.79	-13.00	-36.79	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	55.6782	-72.73	-3.19	-75.92	-25.00	-50.92	Peak
2	68.2636	-74.47	-3.05	-77.52	-25.00	-52.52	Peak
3	804.2623	-81.23	10.28	-70.95	-25.00	-45.95	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.5126	-80.61	5.86	-74.75	-25.00	-49.75	Peak
2	41.4483	-79.00	0.12	-78.88	-25.00	-53.88	Peak
3	793.0281	-81.65	10.26	-71.39	-25.00	-46.39	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	50.1080	-74.11	-2.55	-76.66	-25.00	-51.66	Peak
2	69.2297	-73.94	-2.95	-76.89	-25.00	-51.89	Peak
3	590.3511	-80.26	7.13	-73.13	-25.00	-48.13	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	30.6392	-80.16	6.47	-73.69	-25.00	-48.69	Peak
2	54.1349	-74.84	-2.97	-77.81	-25.00	-52.81	Peak
3	674.6768	-80.14	8.64	-71.50	-25.00	-46.50	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	53.7559	-73.57	-2.89	-76.46	-25.00	-51.46	Peak
2	68.2636	-74.06	-3.05	-77.11	-25.00	-52.11	Peak
3	893.6557	-82.02	11.50	-70.52	-25.00	-45.52	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	562.0143	-80.21	6.33	-73.88	-25.00	-48.88	Peak
2	708.6941	-81.45	8.98	-72.47	-25.00	-47.47	Peak
3	925.6132	-82.07	12.25	-69.82	-25.00	-44.82	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	50.4614	-73.59	-2.54	-76.13	-25.00	-51.13	Peak
2	54.1349	-72.52	-2.97	-75.49	-25.00	-50.49	Peak
3	919.1315	-82.03	12.28	-69.75	-25.00	-44.75	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	33.3349	-80.97	4.33	-76.64	-25.00	-51.64	Peak
2	53.7559	-77.49	-2.89	-80.38	-25.00	-55.38	Peak
3	906.3041	-82.72	11.92	-70.80	-25.00	-45.80	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	31.5126	-80.53	5.86	-74.67	-25.00	-49.67	Peak
2	53.3794	-72.93	-2.79	-75.72	-25.00	-50.72	Peak
3	912.6953	-81.76	12.07	-69.69	-25.00	-44.69	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	31.7348	-80.42	5.72	-74.70	-25.00	-49.70	Peak
2	52.6345	-76.02	-2.62	-78.64	-25.00	-53.64	Peak
3	938.7139	-81.97	12.34	-69.63	-25.00	-44.63	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	54.1349	-71.59	-2.97	-74.56	-25.00	-49.56	Peak
2	744.4265	-80.85	9.41	-71.44	-25.00	-46.44	Peak
3	972.2827	-82.00	12.44	-69.56	-25.00	-44.56	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	191.7841	-79.41	-0.06	-79.47	-25.00	-54.47	Peak
2	651.3831	-81.91	8.10	-73.81	-25.00	-48.81	Peak
3	804.2523	-81.40	10.28	-71.12	-25.00	-46.12	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	56.0708	-72.83	-3.24	-76.07	-25.00	-51.07	Peak
2	69.7180	-74.09	-2.90	-76.99	-25.00	-51.99	Peak
3	952.0001	-82.40	12.15	-70.25	-25.00	-45.25	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	582.1122	-81.26	6.95	-74.31	-25.00	-49.31	Peak
2	-679.4346	-81.30	8.79	-72.51	-25.00	-47.51	Peak
3	-938.7139	-82.89	12.34	-70.55	-25.00	-45.55	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	54.1349	-73.48	-2.97	-76.45	-25.00	-51.45	Peak
2	442.5722	-80.72	5.09	-75.63	-25.00	-50.63	Peak
3	932.1405	-82.45	12.25	-70.20	-25.00	-45.20	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	436.3956	-80.83	5.12	-75.71	-25.00	-50.71	Peak
2	798.6205	-80.50	10.37	-70.13	-25.00	-45.13	Peak
3	992.9974	-81.30	12.87	-68.43	-25.00	-43.43	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	56.0708	-72.41	-3.24	-75.65	-25.00	-50.65	Peak
2	439.4731	-80.62	5.13	-75.49	-25.00	-50.49	Peak
3	945.3336	-82.32	12.19	-70.13	-25.00	-45.13	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	401.1050	-80.36	4.69	-75.67	-25.00	-50.67	Peak
2	611.4623	-81.00	7.87	-73.13	-25.00	-48.13	Peak
3	912.6953	-81.92	12.07	-69.85	-25.00	-44.85	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	53.7559	-72.86	-2.89	-75.75	-25.00	-50.75	Peak
2	495.2379	-80.64	5.75	-74.89	-25.00	-49.89	Peak
3	765.6482	-80.99	9.99	-71.00	-25.00	-46.00	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	542.6104	-81.06	6.25	-74.81	-25.00	-49.81	Peak
2	776.4849	-81.96	10.05	-71.91	-25.00	-46.91	Peak
3	938.7139	-81.64	12.34	-69.30	-25.00	-44.30	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	54.1349	-72.18	-2.97	-75.15	-25.00	-50.15	Peak
2	760.2867	-81.45	9.99	-71.46	-25.00	-46.46	Peak
3	919.1315	-82.34	12.28	-70.06	-25.00	-45.06	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	53.3794	-75.48	-2.79	-78.27	-25.00	-53.27	Peak
2	620.1167	-81.10	7.98	-73.12	-25.00	-48.12	Peak
3	925.6132	-82.35	12.25	-70.10	-25.00	-45.10	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	54.1349	-73.59	-2.97	-76.56	-25.00	-51.56	Peak
2	578.0359	-80.26	6.83	-73.43	-25.00	-48.43	Peak
3	844.8028	-81.24	10.69	-70.55	-25.00	-45.55	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	355.9397	-80.84	3.90	-76.94	-25.00	-51.94	Peak
2	655.9766	-80.66	8.25	-72.41	-25.00	-47.41	Peak
3	932.1405	-82.43	12.25	-70.18	-25.00	-45.18	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	282.2702	-87.56	30.69	-56.87	-13.00	-43.87	Peak
2	542.6104	-88.43	35.54	-52.89	-13.00	-39.89	Peak
3	642.2924	-88.09	37.29	-50.80	-13.00	-37.80	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	401.1050	-89.49	33.35	-56.14	-13.00	-43.14	Peak
2	523.8763	-88.84	35.37	-53.47	-13.00	-40.47	Peak
3	620.1167	-89.14	37.24	-51.90	-13.00	-38.90	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	379.1780	-88.14	32.79	-55.35	-13.00	-42.35	Peak
2	531.2910	-88.82	35.49	-53.33	-13.00	-40.33	Peak
3	615.7744	-87.88	37.19	-50.69	-13.00	-37.69	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	424.2999	-89.66	33.72	-55.94	-13.00	-42.94	Peak
2	505.7891	-88.68	35.04	-53.64	-13.00	-40.64	Peak
3	598.7067	-88.97	36.83	-52.14	-13.00	-39.14	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	300.6988	-87.95	30.70	-57.25	-13.00	-44.25	Peak
2	395.5071	-88.55	33.08	-55.47	-13.00	-42.47	Peak
3	586.2172	-87.51	36.30	-51.21	-13.00	-38.21	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	406.7820	-89.11	33.35	-55.76	-13.00	-42.76	Peak
2	502.2473	-88.76	35.15	-53.61	-13.00	-40.61	Peak
3	550.2902	-88.23	35.46	-52.77	-13.00	-39.77	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	346.0740	-88.09	32.20	-55.89	-13.00	-42.89	Peak
2	418.3784	-87.95	33.52	-54.43	-13.00	-41.43	Peak
3	624.4897	-88.80	37.29	-51.51	-13.00	-38.51	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	471.4665	-88.28	34.41	-53.87	-13.00	-40.87	Peak
2	498.7303	-88.57	35.17	-53.40	-13.00	-40.40	Peak
3	646.8217	-87.51	37.30	-50.21	-13.00	-37.21	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	338.8546	-90.12	31.94	-58.18	-13.00	-45.18	Peak
2	418.3784	-89.52	33.52	-56.00	-13.00	-43.00	Peak
3	527.5707	-88.68	35.44	-53.24	-13.00	-40.24	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	421.3287	-88.64	33.60	-55.04	-13.00	-42.04	Peak
2	542.6104	-88.28	35.54	-52.74	-13.00	-39.74	Peak
3	633.3285	-88.82	37.34	-51.48	-13.00	-38.48	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	439.4731	-89.36	34.04	-55.32	-13.00	-42.32	Peak
2	598.7067	-87.54	36.83	-50.71	-13.00	-37.71	Peak
3	660.6025	-87.43	37.63	-49.80	-13.00	-36.80	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	379.1780	-90.13	32.79	-57.34	-13.00	-44.34	Peak
2	461.6313	-88.83	34.29	-54.54	-13.00	-41.54	Peak
3	624.4897	-88.32	37.29	-51.03	-13.00	-38.03	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	91.6996	-88.79	26.94	-61.85	-13.00	-48.85	Peak
2	235.1346	-88.42	29.18	-59.24	-13.00	-46.24	Peak
3	538.8107	-88.87	35.56	-53.31	-13.00	-40.31	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	430.3053	-89.08	33.95	-55.13	-13.00	-42.13	Peak
2	505.7891	-88.75	35.04	-53.71	-13.00	-40.71	Peak
3	628.8936	-88.98	37.35	-51.63	-13.00	-38.63	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	430.3053	-88.89	33.95	-54.94	-13.00	-41.94	Peak
2	516.5651	-87.51	35.16	-52.35	-13.00	-39.35	Peak
3	674.6768	-87.12	37.88	-49.24	-13.00	-36.24	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	442.5722	-89.25	34.02	-55.23	-13.00	-42.23	Peak
2	598.7067	-88.90	36.83	-52.07	-13.00	-39.07	Peak
3	655.9766	-87.09	37.50	-49.59	-13.00	-36.59	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	481.5112	-89.19	34.62	-54.57	-13.00	-41.57	Peak
2	527.5707	-89.15	35.44	-53.71	-13.00	-40.71	Peak
3	611.4623	-88.28	37.13	-51.15	-13.00	-38.15	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	406.7820	-88.84	33.35	-55.49	-13.00	-42.49	Peak
2	461.6313	-89.15	34.29	-54.86	-13.00	-41.86	Peak
3	535.0377	-88.79	35.53	-53.26	-13.00	-40.26	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	259.4434	-88.83	29.96	-58.87	-13.00	-45.87	Peak
2	294.4260	-89.57	30.89	-58.68	-13.00	-45.68	Peak
3	669.9523	-87.52	37.73	-49.79	-13.00	-36.79	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	33.5700	-90.22	32.97	-57.25	-13.00	-44.25	Peak
2	110.0818	-88.81	27.44	-61.37	-13.00	-48.37	Peak
3	554.1708	-88.44	35.50	-52.94	-13.00	-39.94	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	445.6931	-89.17	33.99	-55.18	-13.00	-42.18	Peak
2	512.9478	-89.26	35.02	-54.24	-13.00	-41.24	Peak
3	655.9766	-88.49	37.50	-50.99	-13.00	-37.99	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	436.3956	-89.19	34.01	-55.18	-13.00	-42.18	Peak
2	509.3559	-88.74	34.93	-53.81	-13.00	-40.81	Peak
3	660.6025	-88.27	37.63	-50.64	-13.00	-37.64	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	430.3053	-88.27	33.95	-54.32	-13.00	-41.32	Peak
2	598.7067	-88.10	36.83	-51.27	-13.00	-38.27	Peak
3	679.4346	-88.36	38.03	-50.33	-13.00	-37.33	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	329.4625	-88.07	31.29	-56.78	-13.00	-43.78	Peak
2	424.2999	-87.49	33.72	-53.77	-13.00	-40.77	Peak
3	602.9288	-88.53	36.96	-51.57	-13.00	-38.57	Peak

LTE Band 13/ 5 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	542.610	-88.29	35.54	-52.75	-13.00	-39.75	Peak
2	598.707	-88.77	36.83	-51.94	-13.00	-38.94	Peak
3	693.910	-88.59	38.18	-50.41	-13.00	-37.41	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	531.291	-88.02	35.49	-52.53	-13.00	-39.53	Peak
2	624.490	-88.28	37.29	-50.99	-13.00	-37.99	Peak
3	703.731	-88.08	38.30	-49.78	-13.00	-36.78	Peak

LTE Band 13/ 5 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	455.189	-88.06	34.12	-53.94	-13.00	-40.94	Peak
2	535.038	-88.39	35.53	-52.86	-13.00	-39.86	Peak
3	708.694	-87.44	38.21	-49.23	-13.00	-36.23	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	371.268	-87.85	32.31	-55.54	-13.00	-42.54	Peak
2	531.291	-89.18	35.49	-53.69	-13.00	-40.69	Peak
3	674.677	-88.24	37.88	-50.36	-13.00	-37.36	Peak



LTE Band 13/ 5 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	409.651	-87.84	33.35	-54.49	-13.00	-41.49	Peak
2	660.602	-87.31	37.63	-49.68	-13.00	-36.68	Peak
3	698.804	-87.38	38.33	-49.05	-13.00	-36.05	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	427.292	-87.26	33.84	-53.42	-13.00	-40.42	Peak
2	598.707	-87.79	36.83	-50.96	-13.00	-37.96	Peak
3	708.694	-88.22	38.21	-50.01	-13.00	-37.01	Peak

LTE Band 13/ 10 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	280.294	-89.13	30.69	-58.44	-13.00	-45.44	Peak
2	430.305	-86.96	33.95	-53.01	-13.00	-40.01	Peak
3	693.910	-88.02	38.18	-49.84	-13.00	-36.84	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	286.265	-88.90	30.72	-58.18	-13.00	-45.18	Peak
2	424.300	-88.87	33.72	-55.15	-13.00	-42.15	Peak
3	674.677	-88.54	37.88	-50.66	-13.00	-37.66	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	401.1050	-89.47	33.35	-56.12	-13.00	-43.12	Peak
2	602.9288	-88.72	36.96	-51.76	-13.00	-38.76	Peak
3	646.8217	-88.22	37.30	-50.92	-13.00	-37.92	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	442.5722	-89.14	34.02	-55.12	-13.00	-42.12	Peak
2	531.2910	-89.02	35.49	-53.53	-13.00	-40.53	Peak
3	660.6025	-88.77	37.63	-51.14	-13.00	-38.14	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	430.3053	-88.96	33.95	-55.01	-13.00	-42.01	Peak
2	474.7913	-88.09	34.48	-53.61	-13.00	-40.61	Peak
3	646.8217	-87.89	37.30	-50.59	-13.00	-37.59	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	464.8867	-89.26	34.32	-54.94	-13.00	-41.94	Peak
2	538.8107	-89.06	35.56	-53.50	-13.00	-40.50	Peak
3	660.6025	-87.31	37.63	-49.68	-13.00	-36.68	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	424.2999	-88.87	33.72	-55.15	-13.00	-42.15	Peak
2	607.1805	-88.99	37.05	-51.94	-13.00	-38.94	Peak
3	674.6768	-88.54	37.88	-50.66	-13.00	-37.66	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	307.1053	-88.49	30.70	-57.79	-13.00	-44.79	Peak
2	436.3956	-88.94	34.01	-54.93	-13.00	-41.93	Peak
3	674.6768	-88.88	37.88	-51.00	-13.00	-38.00	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	455.1888	-88.06	34.12	-53.94	-13.00	-40.94	Peak
2	535.0377	-88.39	35.53	-52.86	-13.00	-39.86	Peak
3	660.6025	-88.56	37.63	-50.93	-13.00	-37.93	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	427.2920	-89.37	33.84	-55.53	-13.00	-42.53	Peak
2	542.6104	-88.29	35.54	-52.75	-13.00	-39.75	Peak
3	665.2610	-88.46	37.68	-50.78	-13.00	-37.78	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	445.6931	-89.26	33.99	-55.27	-13.00	-42.27	Peak
2	531.2910	-89.18	35.49	-53.69	-13.00	-40.69	Peak
3	674.6768	-88.24	37.88	-50.36	-13.00	-37.36	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	427.2920	-88.26	33.84	-54.42	-13.00	-41.42	Peak
2	520.2079	-88.45	35.30	-53.15	-13.00	-40.15	Peak
3	598.7067	-88.79	36.83	-51.96	-13.00	-38.96	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	292.3643	-88.31	30.85	-57.46	-13.00	-44.46	Peak
2	412.5395	-88.51	33.40	-55.11	-13.00	-42.11	Peak
3	624.4897	-89.18	37.29	-51.89	-13.00	-38.89	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	427.2920	-89.49	33.84	-55.65	-13.00	-42.65	Peak
2	523.8763	-88.90	35.37	-53.53	-13.00	-40.53	Peak
3	665.2610	-88.51	37.68	-50.83	-13.00	-37.83	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	6569.9530	-54.26	19.01	-35.25	-13.00	-22.25	Peak
2	9034.8090	-45.26	19.97	-25.29	-13.00	-12.29	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5750.4790	-58.85	17.29	-41.56	-13.00	-28.56	Peak
2	9034.8090	-53.46	19.13	-34.33	-13.00	-21.33	Peak

GSM 850 1Tx-slot_Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7506.2070	-56.94	19.08	-37.86	-13.00	-24.86	Peak
2	9193.1780	-50.16	20.67	-29.49	-13.00	-16.49	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	6685.1170	-61.64	18.82	-42.82	-13.00	-29.82	Peak
2	9193.1780	-56.15	19.63	-36.52	-13.00	-23.52	Peak

GSM 850 1Tx-slot_Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	9300.2970	-59.38	21.14	-38.24	-13.00	-25.24	Peak
2	11861.8100	-61.25	21.86	-39.39	-13.00	-26.39	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4230.3710	-64.16	16.09	-48.07	-13.00	-35.07	Peak
2	11861.8100	-63.72	20.93	-42.79	-13.00	-29.79	Peak

GSM 1900 1Tx-slot_Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3681.3290	-48.87	13.74	-35.13	-13.00	-22.13	Peak
2	9246.5820	-49.44	20.90	-28.54	-13.00	-15.54	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7376.8980	-55.50	18.33	-37.17	-13.00	-24.17	Peak
2	9246.5820	-57.37	19.81	-37.56	-13.00	-24.56	Peak

GSM 1900 1Tx-slot_Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7506.2070	-55.22	19.08	-36.14	-13.00	-23.14	Peak
2	9408.6640	-59.24	21.19	-38.05	-13.00	-25.05	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3745.8580	-55.13	15.25	-39.88	-13.00	-26.88	Peak
2	7506.2070	-56.83	18.48	-38.35	-13.00	-25.35	Peak

GSM 1900 1Tx-slot_Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	9518.2940	-54.68	21.24	-33.44	-13.00	-20.44	Peak
2	13396.0900	-57.75	24.61	-33.14	-13.00	-20.14	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7637.7820	-58.97	18.48	-40.49	-13.00	-27.49	Peak
2	13396.0900	-61.45	23.33	-38.12	-13.00	-25.12	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	3702.7140	-42.49	13.77	-28.72	-13.00	-15.72	Peak
2	7419.7510	-47.22	18.94	-28.28	-13.00	-15.28	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7419.7510	-50.66	18.38	-32.28	-13.00	-19.28	Peak
2	9246.5820	-57.82	19.81	-38.01	-13.00	-25.01	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	7506.2070	-49.60	19.08	-30.52	-13.00	-17.52	Peak
2	9408.6640	-56.18	21.19	-34.99	-13.00	-21.99	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7506.2070	-51.23	18.48	-32.75	-13.00	-19.75	Peak
2	9408.6640	-61.66	19.90	-41.76	-13.00	-28.76	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	7593.6690	-53.08	19.09	-33.99	-13.00	-20.99	Peak
2	9518.2940	-52.53	21.24	-31.29	-13.00	-18.29	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7593.6690	-53.78	18.47	-35.31	-13.00	-22.31	Peak
2	9518.2940	-59.88	19.86	-40.02	-13.00	-27.02	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	8575.8810	-51.74	19.67	-32.07	-13.00	-19.07	Peak
2	10262.7000	-53.01	22.65	-30.36	-13.00	-17.36	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	6841.8140	-53.59	18.36	-35.23	-13.00	-22.23	Peak
2	8575.8810	-54.40	18.96	-35.44	-13.00	-22.44	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	8625.6990	-55.53	19.75	-35.78	-13.00	-22.78	Peak
2	10382.2800	-59.05	22.94	-36.11	-13.00	-23.11	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	6921.5350	-57.93	18.11	-39.82	-13.00	-26.82	Peak
2	8625.6990	-58.76	19.03	-39.73	-13.00	-26.73	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	7002.1850	-55.44	19.86	-35.58	-13.00	-22.58	Peak
2	8726.2060	-62.81	23.21	-39.60	-13.00	-26.60	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3494.3340	-53.98	14.17	-39.81	-13.00	-26.81	Peak
2	8726.2060	-56.89	19.12	-37.77	-13.00	-24.77	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	2454.2250	-54.96	9.15	-45.81	-13.00	-32.81	Peak
2	4109.6100	-58.57	14.51	-44.06	-13.00	-31.06	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	2454.2250	-53.93	11.51	-42.42	-13.00	-29.42	Peak
2	4109.6100	-59.40	15.98	-43.42	-13.00	-30.42	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	2454.2250	-52.61	9.15	-43.46	-13.00	-30.46	Peak
2	4181.6460	-56.81	14.66	-42.15	-13.00	-29.15	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	2454.2250	-55.76	11.51	-44.25	-13.00	-31.25	Peak
2	4181.6460	-59.44	16.05	-43.39	-13.00	-30.39	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	2454.2250	-51.98	9.15	-42.83	-13.00	-29.83	Peak
2	4181.6460	-61.63	14.66	-46.97	-13.00	-33.97	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	2454.2250	-55.18	11.51	-43.67	-13.00	-30.67	Peak
2	4181.6460	-58.04	16.05	-41.99	-13.00	-28.99	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	3681.3290	-45.21	13.74	-31.47	-13.00	-18.47	Peak
2	7376.8980	-49.83	18.85	-30.98	-13.00	-17.98	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7376.8980	-51.57	18.33	-33.24	-13.00	-20.24	Peak
2	9246.5820	-57.97	19.81	-38.16	-13.00	-25.16	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	7506.2070	-50.16	19.08	-31.08	-13.00	-18.08	Peak
2	9354.3240	-53.04	21.17	-31.87	-13.00	-18.87	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7506.2070	-55.17	18.48	-36.69	-13.00	-23.69	Peak
2	9354.3240	-60.70	19.94	-40.76	-13.00	-27.76	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	3811.5190	-47.79	13.97	-33.82	-13.00	-20.82	Peak
2	9518.2940	-51.39	21.24	-30.15	-13.00	-17.15	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7637.7820	-53.52	18.48	-35.04	-13.00	-22.04	Peak
2	9518.2940	-59.64	19.86	-39.78	-13.00	-26.78	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	3681.3290	-50.64	13.74	-36.90	-13.00	-23.90	Peak
2	7376.8980	-57.23	18.85	-38.38	-13.00	-25.38	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7376.8980	-51.32	18.33	-32.99	-13.00	-19.99	Peak
2	9246.5820	-60.67	19.81	-40.86	-13.00	-27.86	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	5618.7760	-48.36	16.04	-32.32	-13.00	-19.32	Peak
2	7506.2070	-50.59	19.08	-31.51	-13.00	-18.51	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7506.2070	-54.63	18.48	-36.15	-13.00	-23.15	Peak
2	9354.3240	-63.72	19.94	-43.78	-13.00	-30.78	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	5717.2660	-49.37	16.33	-33.04	-13.00	-20.04	Peak
2	9518.2940	-51.72	21.24	-30.48	-13.00	-17.48	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5717.2660	-57.22	17.19	-40.03	-13.00	-27.03	Peak
2	7637.7820	-53.55	18.48	-35.07	-13.00	-22.07	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	3681.3290	-49.99	13.74	-36.25	-13.00	-23.25	Peak
2	5521.9820	-53.46	16.05	-37.41	-13.00	-24.41	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7376.8980	-57.64	18.33	-39.31	-13.00	-26.31	Peak
2	9246.5820	-62.01	19.81	-42.20	-13.00	-29.20	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	5618.7760	-48.41	16.04	-32.37	-13.00	-19.37	Peak
2	7462.8540	-50.15	19.01	-31.14	-13.00	-18.14	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3724.2240	-57.95	15.18	-42.77	-13.00	-29.77	Peak
2	7462.8540	-52.75	18.43	-34.32	-13.00	-21.32	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	3811.5190	-46.81	13.97	-32.84	-13.00	-19.84	Peak
2	9518.2940	-52.24	21.24	-31.00	-13.00	-18.00	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7593.6698	-53.28	18.47	-34.81	-13.00	-21.81	Peak
2	9518.2940	-59.26	19.86	-39.40	-13.00	-26.40	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	7376.8980	-50.47	18.85	-31.62	-13.00	-18.62	Peak
2	9246.5820	-56.51	20.90	-35.61	-13.00	-22.61	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7376.8980	-51.85	18.33	-33.52	-13.00	-20.52	Peak
2	9246.5820	-58.28	19.81	-38.47	-13.00	-25.47	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	5618.7760	-47.92	16.04	-31.88	-13.00	-18.88	Peak
2	7462.8540	-49.16	19.01	-30.15	-13.00	-17.15	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7462.8540	-53.15	18.43	-34.72	-13.00	-21.72	Peak
2	9354.3240	-62.38	19.94	-42.44	-13.00	-29.44	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	5684.2460	-48.26	16.23	-32.03	-13.00	-19.03	Peak
2	9518.2940	-51.12	21.24	-29.88	-13.00	-16.88	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3789.5050	-57.03	15.37	-41.66	-13.00	-28.66	Peak
2	7593.6690	-52.55	18.47	-34.08	-13.00	-21.08	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	7376.8980	-50.32	18.85	-31.47	-13.00	-18.47	Peak
2	9246.5820	-55.51	20.90	-34.61	-13.00	-21.61	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7376.8980	-51.00	18.33	-32.67	-13.00	-19.67	Peak
2	9246.5820	-58.35	19.81	-38.54	-13.00	-25.54	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	5618.7760	-47.78	16.04	-31.74	-13.00	-18.74	Peak
2	7462.8540	-49.63	18.81	-30.82	-13.00	-17.82	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7462.8540	-52.50	18.43	-34.07	-13.00	-21.07	Peak
2	9354.3240	-58.78	19.94	-38.84	-13.00	-25.84	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	5684.2460	-48.33	16.23	-32.10	-13.00	-19.10	Peak
2	9518.2940	-50.35	21.24	-29.11	-13.00	-16.11	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7593.6690	-51.83	18.47	-33.36	-13.00	-20.36	Peak
2	9518.2940	-58.20	19.86	-38.34	-13.00	-25.34	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	7376.8980	-50.92	18.85	-32.07	-13.00	-19.07	Peak
2	9246.5820	-55.90	20.90	-35.00	-13.00	-22.00	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7376.8980	-51.84	18.33	-33.51	-13.00	-20.51	Peak
2	9246.5820	-57.60	19.81	-37.79	-13.00	-24.79	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	7462.8540	-49.44	16.07	-33.37	-13.00	-20.37	Peak
2	9354.3240	-54.21	23.78	-30.43	-13.00	-17.43	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7462.8540	-53.15	18.43	-34.72	-13.00	-21.72	Peak
2	9354.3240	-61.51	19.94	-41.57	-13.00	-28.57	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	7549.8110	-49.98	19.09	-30.89	-13.00	-17.89	Peak
2	9463.3200	-50.81	21.22	-29.59	-13.00	-16.59	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7549.8110	-52.49	18.48	-34.01	-13.00	-21.01	Peak
2	9463.3200	-57.91	19.86	-38.05	-13.00	-25.05	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	8526.3510	-49.36	19.60	-29.76	-13.00	-16.76	Peak
2	10262.7000	-47.85	22.65	-25.20	-13.00	-12.20	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	6841.8140	-52.16	18.36	-33.80	-13.00	-20.80	Peak
2	8526.3510	-49.72	18.90	-30.82	-13.00	-17.82	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	6921.5350	-50.63	18.34	-32.29	-13.00	-19.29	Peak
2	8625.6990	-52.42	19.75	-32.67	-13.00	-19.67	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	6921.5350	-53.95	18.11	-35.84	-13.00	-22.84	Peak
2	8625.6990	-54.75	19.03	-35.72	-13.00	-22.72	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	7002.1850	-46.99	18.17	-28.82	-13.00	-15.82	Peak
2	8776.8980	-50.59	19.86	-30.73	-13.00	-17.73	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7002.1850	-51.43	17.87	-33.56	-13.00	-20.56	Peak
2	8776.8980	-50.34	19.11	-31.23	-13.00	-18.23	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	6841.8140	-48.21	18.50	-29.71	-13.00	-16.71	Peak
2	10262.7000	-49.03	22.65	-26.38	-13.00	-13.38	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	6841.8140	-51.15	18.36	-32.79	-13.00	-19.79	Peak
2	8526.3510	-51.31	18.90	-32.41	-13.00	-19.41	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	5181.1200	-47.77	16.18	-31.59	-13.00	-18.59	Peak
2	10382.2800	-56.42	22.94	-33.48	-13.00	-20.48	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	6921.5350	-54.15	18.11	-36.04	-13.00	-23.04	Peak
2	8625.6990	-55.16	19.03	-36.13	-13.00	-23.13	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	7002.1850	-45.73	18.17	-27.56	-13.00	-14.56	Peak
2	8726.2060	-47.27	19.86	-27.41	-13.00	-14.41	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7002.1850	-50.70	17.87	-32.83	-13.00	-19.83	Peak
2	8726.2060	-48.62	19.12	-29.50	-13.00	-16.50	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	8526.3510	-46.71	19.60	-27.11	-13.00	-14.11	Peak
2	10262.7000	-45.08	22.65	-22.43	-13.00	-9.43	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	6841.8140	-53.26	18.36	-34.90	-13.00	-21.90	Peak
2	8526.3510	-49.72	18.90	-30.82	-13.00	-17.82	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	5151.1960	-45.32	16.12	-29.20	-13.00	-16.20	Peak
2	6881.5600	-45.27	18.43	-26.84	-13.00	-13.84	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	6881.5600	-52.82	18.25	-34.57	-13.00	-21.57	Peak
2	8625.6990	-53.08	19.03	-34.05	-13.00	-21.05	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	8726.2060	-47.27	19.86	-27.41	-13.00	-14.41	Peak
2	10503.2500	-54.55	23.21	-31.34	-13.00	-18.34	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7002.1850	-49.08	17.87	-31.21	-13.00	-18.21	Peak
2	8726.2060	-49.08	19.12	-29.96	-13.00	-16.96	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	6841.8140	-47.58	18.50	-29.08	-13.00	-16.08	Peak
2	10262.7000	-47.78	22.65	-25.13	-13.00	-12.13	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	8526.3510	-48.61	18.90	-29.71	-13.00	-16.71	Peak
2	10262.7000	-52.97	21.12	-31.85	-13.00	-18.85	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	5151.1960	-46.25	16.12	-30.13	-13.00	-17.13	Peak
2	10382.2800	-53.58	22.94	-30.64	-13.00	-17.64	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	6881.5600	-50.00	18.25	-31.75	-13.00	-18.75	Peak
2	8625.6990	-52.82	19.03	-33.79	-13.00	-20.79	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	5241.4900	-47.42	16.20	-31.22	-13.00	-18.22	Peak
2	8726.2060	-49.49	19.86	-29.63	-13.00	-16.63	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	6961.7440	-50.03	17.99	-32.04	-13.00	-19.04	Peak
2	8726.2060	-49.31	19.12	-30.19	-13.00	-17.19	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	8526.3510	-48.73	19.60	-29.13	-13.00	-16.13	Peak
2	10262.7000	-49.21	22.65	-26.56	-13.00	-13.56	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	8526.3510	-50.22	18.90	-31.32	-13.00	-18.32	Peak
2	10262.7000	-58.04	21.12	-36.92	-13.00	-23.92	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	5151.1960	-47.34	16.12	-31.22	-13.00	-18.22	Peak
2	10382.2800	-51.46	22.94	-28.52	-13.00	-15.52	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	6881.5600	-51.70	18.25	-33.45	-13.00	-20.45	Peak
2	8625.6990	-51.31	19.03	-32.28	-13.00	-19.28	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	6961.7440	-48.39	18.25	-30.14	-13.00	-17.14	Peak
2	8675.8080	-48.26	19.83	-28.43	-13.00	-15.43	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	6961.7440	-50.47	17.99	-32.48	-13.00	-19.48	Peak
2	8675.8080	-51.90	19.10	-32.80	-13.00	-19.80	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	8526.3510	-49.44	19.60	-29.84	-13.00	-16.84	Peak
2	10262.7000	-50.03	22.65	-27.38	-13.00	-14.38	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	8526.3510	-48.35	18.90	-29.45	-13.00	-16.45	Peak
2	10262.7000	-57.26	21.12	-36.14	-13.00	-23.14	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	8625.6990	-51.63	19.75	-31.88	-13.00	-18.88	Peak
2	10322.3200	-50.37	22.79	-27.58	-13.00	-14.58	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5151.1960	-51.76	17.09	-34.67	-13.00	-21.67	Peak
2	8625.6990	-52.17	18.25	-33.92	-13.00	-20.92	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	6921.5350	-50.16	18.34	-31.82	-13.00	-18.82	Peak
2	8675.8080	-51.19	19.83	-31.36	-13.00	-18.36	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	6921.5350	-52.60	18.11	-34.49	-13.00	-21.49	Peak
2	8675.8080	-53.40	19.10	-34.30	-13.00	-21.30	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	4946.5110	-58.54	15.82	-42.72	-13.00	-29.72	Peak
2	5750.4790	-58.03	16.44	-41.59	-13.00	-28.59	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1645.6580	-58.31	4.00	-54.31	-13.00	-41.31	Peak
2	4109.6100	-61.16	15.98	-45.18	-13.00	-32.18	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	4975.2470	-61.70	15.84	-45.86	-13.00	-32.86	Peak
2	5817.4830	-59.68	16.62	-43.06	-13.00	-30.06	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1644.8330	-57.61	4.22	-53.39	-13.00	-40.39	Peak
2	4157.4950	-61.17	16.03	-45.14	-13.00	-32.14	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	4230.3710	-52.29	14.77	-37.52	-13.00	-24.52	Peak
2	5919.4570	-58.29	16.80	-41.49	-13.00	-28.49	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1684.2320	-58.29	4.43	-53.86	-13.00	-40.86	Peak
2	4230.3710	-57.71	16.09	-41.62	-13.00	-28.62	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	4109.6100	-56.48	14.51	-41.97	-13.00	-28.97	Peak
2	5750.4790	-58.11	16.44	-41.67	-13.00	-28.67	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1645.6580	-57.02	4.00	-53.02	-13.00	-40.02	Peak
2	4109.6100	-59.42	15.98	-43.44	-13.00	-30.44	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	4157.4950	-60.36	14.61	-45.75	-13.00	-32.75	Peak
2	4975.2470	-62.02	15.84	-46.18	-13.00	-33.18	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1664.8330	-58.11	4.22	-53.89	-13.00	-40.89	Peak
2	4157.4950	-61.70	16.03	-45.67	-13.00	-32.67	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	4230.3710	-51.05	14.77	-36.28	-13.00	-23.28	Peak
2	8428.1460	-55.75	19.41	-36.34	-13.00	-23.34	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4230.3710	-58.54	16.09	-42.45	-13.00	-29.45	Peak
2	8428.1460	-61.94	18.71	-43.23	-13.00	-30.23	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	4109.6100	-54.04	14.51	-39.53	-13.00	-26.53	Peak
2	5750.4790	-58.55	16.44	-42.11	-13.00	-29.11	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1645.6500	-56.90	4.00	-52.90	-13.00	-39.90	Peak
2	4109.6100	-59.76	15.98	-43.78	-13.00	-30.78	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	4157.4950	-59.89	14.61	-45.28	-13.00	-32.28	Peak
2	4975.2470	-61.26	15.84	-45.42	-13.00	-32.42	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1664.8330	-58.37	4.22	-54.15	-13.00	-41.15	Peak
2	4157.4950	-61.33	16.03	-45.30	-13.00	-32.30	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	4230.3710	-56.05	14.77	-41.28	-13.00	-28.28	Peak
2	5919.4570	-59.49	16.80	-42.69	-13.00	-29.69	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4230.3710	-56.18	16.09	-40.09	-13.00	-27.09	Peak
2	8428.1460	-60.25	18.71	-41.54	-13.00	-28.54	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	4109.6100	-55.36	14.51	-40.85	-13.00	-27.85	Peak
2	5750.4790	-58.10	16.44	-41.66	-13.00	-28.66	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1645.6580	-56.50	4.00	-52.50	-13.00	-39.50	Peak
2	4109.6100	-61.96	15.98	-45.98	-13.00	-32.98	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	4157.4950	-58.87	14.61	-44.26	-13.00	-31.26	Peak
2	4975.2470	-61.93	15.84	-46.09	-13.00	-33.09	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1664.8330	-57.98	4.22	-53.76	-13.00	-40.76	Peak
2	4157.4950	-60.24	16.03	-44.21	-13.00	-31.21	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	4181.6460	-55.29	14.66	-40.63	-13.00	-27.63	Peak
2	5851.2780	-57.71	16.68	-41.03	-13.00	-28.03	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1674.5040	-55.43	4.32	-51.11	-13.00	-38.11	Peak
2	4181.6460	-58.11	16.05	-42.06	-13.00	-29.06	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	7507.5000	-60.12	19.08	-41.04	-25.00	-16.04	Peak
2	10010.0000	-59.53	22.20	-37.33	-25.00	-12.33	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7507.5000	-60.37	18.48	-41.89	-25.00	-16.89	Peak
2	10010.0000	-61.66	21.18	-40.48	-25.00	-15.48	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	7605.0000	-65.39	19.09	-46.30	-25.00	-21.30	Peak
2	10140.0000	-66.77	22.41	-44.36	-25.00	-19.36	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7605.0000	-66.56	18.47	-48.09	-25.00	-23.09	Peak
2	10140.0000	-66.53	21.13	-45.40	-25.00	-20.40	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	7702.5000	-66.51	19.11	-47.40	-25.00	-22.40	Peak
2	10270.0000	-65.98	22.66	-43.32	-25.00	-18.32	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7702.0000	-67.01	18.47	-48.54	-25.00	-23.54	Peak
2	10270.0000	-66.38	20.98	-45.40	-25.00	-20.40	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	7515.0000	-62.52	19.08	-43.44	-25.00	-18.44	Peak
2	10020.0000	-66.66	22.22	-44.44	-25.00	-19.44	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7515.0000	-66.01	18.47	-47.54	-25.00	-22.54	Peak
2	10020.0000	-67.74	21.18	-46.56	-25.00	-21.56	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	7605.0000	-67.12	19.09	-48.03	-25.00	-23.03	Peak
2	10140.0000	-67.15	22.41	-44.74	-25.00	-19.74	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7605.0000	-66.74	18.47	-48.27	-25.00	-23.27	Peak
2	10140.0000	-67.93	21.13	-46.80	-25.00	-21.80	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	7695.0000	-64.92	19.11	-45.81	-25.00	-20.81	Peak
2	10260.0000	-66.18	22.64	-43.54	-25.00	-18.54	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7695.0000	-66.32	18.47	-47.85	-25.00	-22.85	Peak
2	10260.0000	-66.12	21.11	-45.01	-25.00	-20.01	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	7522.5000	-55.17	19.09	-36.08	-25.00	-11.08	Peak
2	10030.0000	-53.88	22.25	-31.63	-25.00	-6.63	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7522.5000	-62.36	18.48	-43.88	-25.00	-18.88	Peak
2	10030.0000	-62.30	21.19	-41.11	-25.00	-16.11	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	7605.0000	-66.11	19.09	-47.02	-25.00	-22.02	Peak
2	10140.0000	-66.99	22.41	-44.58	-25.00	-19.58	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7605.0000	-66.84	18.47	-48.37	-25.00	-23.37	Peak
2	10140.0000	-66.61	21.13	-45.48	-25.00	-20.48	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	7680.0000	-64.39	19.10	-45.29	-25.00	-20.29	Peak
2	10240.0000	-66.17	22.60	-43.57	-25.00	-18.57	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7687.5000	-65.35	18.47	-46.88	-25.00	-21.88	Peak
2	10250.0000	-66.58	21.12	-45.46	-25.00	-20.46	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	7506.2070	-66.39	18.48	-47.91	-25.00	-22.91	Peak
2	10027.6500	-62.79	21.19	-41.60	-25.00	-16.60	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7506.2070	-56.85	18.48	-38.37	-25.00	-13.37	Peak
2	10027.6500	-60.80	21.19	-39.61	-25.00	-14.61	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	7549.8110	-61.04	19.09	-41.95	-25.00	-16.95	Peak
2	10085.9100	-60.85	22.33	-38.52	-25.00	-13.52	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	7549.8110	-60.02	18.48	-41.54	-25.00	-16.54	Peak
2	10085.9100	-68.47	21.16	-47.31	-25.00	-22.31	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	7680.0000	-65.47	18.47	-47.00	-25.00	-22.00	Peak
2	10203.4300	-60.31	21.10	-39.21	-25.00	-14.21	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	4889.5390	-55.96	15.77	-40.19	-13.00	-27.19	Peak
2	8379.4680	-56.03	19.35	-36.68	-13.00	-23.68	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4181.6460	-64.70	16.05	-48.65	-13.00	-35.65	Peak
2	8379.4680	-62.53	18.65	-43.88	-13.00	-30.88	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	4205.9380	-60.26	14.72	-45.54	-13.00	-32.54	Peak
2	8428.1460	-63.18	19.41	-43.77	-13.00	-30.77	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1432.075	4205.9380	-62.34	16.07	-46.27	-13.00	-33.27	Peak
3535.050	8428.1460	-64.37	18.71	-45.66	-13.00	-32.66	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	5004.1480	-55.62	15.86	-39.76	-13.00	-26.76	Peak
2	8575.8810	-54.27	19.67	-34.60	-13.00	-21.60	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4279.6640	-59.16	16.11	-43.05	-13.00	-30.05	Peak
2	8575.8810	-55.91	18.96	-36.95	-13.00	-23.95	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	4889.5390	-62.91	15.77	-47.14	-13.00	-34.14	Peak
2	8379.4680	-62.26	19.35	-42.91	-13.00	-29.91	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4181.6460	-62.68	16.05	-46.63	-13.00	-33.63	Peak
2	8379.4680	-61.04	18.65	-42.39	-13.00	-29.39	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	4917.8420	-62.19	15.80	-46.39	-13.00	-33.39	Peak
2	8428.1460	-63.20	19.41	-43.79	-13.00	-30.79	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4205.9380	-62.27	16.07	-46.20	-13.00	-33.20	Peak
2	8428.1460	-63.62	18.71	-44.91	-13.00	-31.91	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	4279.6640	-57.94	14.85	-43.09	-13.00	-30.09	Peak
2	8526.3510	-58.74	19.60	-39.14	-13.00	-26.14	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4279.6640	-60.76	16.11	-44.65	-13.00	-31.65	Peak
2	8526.3510	-60.26	18.90	-41.36	-13.00	-28.36	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	4889.5390	-61.15	15.77	-45.38	-13.00	-32.38	Peak
2	8379.4680	-58.77	19.35	-39.42	-13.00	-26.42	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4181.6460	-62.48	16.05	-46.43	-13.00	-33.43	Peak
2	8379.4680	-61.45	18.65	-42.80	-13.00	-29.80	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	4205.9380	-62.85	15.80	-47.05	-13.00	-34.05	Peak
2	8428.1460	-64.11	19.41	-44.70	-13.00	-31.70	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4205.9380	-62.63	16.07	-46.56	-13.00	-33.56	Peak
2	8428.1460	-62.73	18.71	-44.02	-13.00	-31.02	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	5684.2460	-57.14	16.23	-40.91	-13.00	-27.91	Peak
2	8526.3510	-57.33	19.60	-37.73	-13.00	-24.73	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4254.9460	-60.84	16.10	-44.74	-13.00	-31.74	Peak
2	8526.3510	-62.61	18.90	-43.71	-13.00	-30.71	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	4889.5390	-60.55	15.77	-44.78	-13.00	-31.78	Peak
2	8379.4680	-60.51	19.35	-41.16	-13.00	-28.16	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4181.6460	-62.07	16.05	-46.02	-13.00	-33.02	Peak
2	8379.4680	-62.79	18.65	-44.14	-13.00	-31.14	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	4205.9380	-59.38	14.72	-44.66	-13.00	-31.66	Peak
2	8428.1460	-62.89	19.41	-43.48	-13.00	-30.48	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4205.9380	-64.64	16.07	-48.57	-13.00	-35.57	Peak
2	8428.1460	-63.97	18.71	-45.26	-13.00	-32.26	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	4230.3710	-54.28	14.77	-39.51	-13.00	-26.51	Peak
2	8477.1050	-59.24	19.51	-39.73	-13.00	-26.73	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4230.3710	-57.53	16.09	-41.44	-13.00	-28.44	Peak
2	8477.1050	-59.48	18.81	-40.67	-13.00	-27.67	Peak



LTE Band 13/ 5 MHz _Lowest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1559.000	-67.87	1.69	-66.18	-13.00	-53.18	Peak
2	2338.500	-69.21	8.25	-60.96	-13.00	-47.96	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1559.000	-68.34	3.00	-65.34	-13.00	-52.34	Peak
2	2338.500	-68.36	10.74	-57.62	-13.00	-44.62	Peak

LTE Band 13/ 5 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1564.000	-68.18	1.74	-66.44	-13.00	-53.44	Peak
2	2346.000	-69.02	8.36	-60.66	-13.00	-47.66	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1564.000	-68.54	3.07	-65.47	-13.00	-52.47	Peak
2	2346.000	-69.53	10.84	-58.69	-13.00	-45.69	Peak

LTE Band 13/ 5 MHz _Highest Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1569.000	-69.13	1.77	-67.36	-13.00	-54.36	Peak
2	2353.500	-68.53	8.46	-60.07	-13.00	-47.07	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1569.000	-67.64	3.12	-64.52	-13.00	-51.52	Peak
2	2353.500	-69.16	10.94	-58.22	-13.00	-45.22	Peak

LTE Band 13/ 10 MHz _Middle Channel							
Horizontal							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1564.000	-67.74	1.74	-66.00	-13.00	-53.00	Peak
2	2346.000	-68.09	8.36	-59.73	-13.00	-46.73	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1564.000	-68.59	3.07	-65.52	-13.00	-52.52	Peak
2	2346.000	-68.38	10.84	-57.54	-13.00	-44.54	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	2111.1030	-61.79	5.77	-56.02	-13.00	-43.02	Peak
2	4205.9380	-59.26	14.72	-44.54	-13.00	-31.54	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	2111.1030	-64.91	8.54	-56.37	-13.00	-43.37	Peak
2	4205.9380	-65.69	16.07	-49.62	-13.00	-36.62	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	2111.1030	-58.00	5.77	-52.23	-13.00	-39.23	Peak
2	4230.3710	-58.49	14.77	-43.72	-13.00	-30.72	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	2111.1030	-63.43	8.54	-54.89	-13.00	-41.89	Peak
2	4230.3710	-60.93	16.09	-44.84	-13.00	-31.84	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	4254.9460	-54.86	14.81	-40.05	-13.00	-27.05	Peak
2	8526.3510	-57.25	19.60	-37.65	-13.00	-24.65	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4254.9460	-58.63	16.10	-42.53	-13.00	-29.53	Peak
2	8526.3510	-59.57	18.90	-40.67	-13.00	-27.67	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	2111.1030	-60.46	5.77	-54.69	-13.00	-41.69	Peak
2	4205.9380	-61.04	14.72	-46.32	-13.00	-33.32	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	2111.1030	-64.11	8.54	-55.57	-13.00	-42.57	Peak
2	4205.9380	-63.31	16.07	-47.24	-13.00	-34.24	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	2111.1030	-57.45	5.77	-51.68	-13.00	-38.68	Peak
2	4230.3710	-58.13	14.77	-43.36	-13.00	-30.36	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	2111.1030	-63.17	8.54	-54.63	-13.00	-41.63	Peak
2	4230.3710	-60.42	16.09	-44.33	-13.00	-31.33	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	4230.3710	-58.22	14.77	-43.45	-13.00	-30.45	Peak
2	8477.1050	-61.77	19.51	-42.26	-13.00	-29.26	Peak

Vertical							
No.	Frequency (MHz)	Reading (dBm)	Correction factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4230.3710	-58.90	16.09	-42.81	-13.00	-29.81	Peak
2	8477.1050	-61.84	18.81	-43.03	-13.00	-30.03	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. =  $-10^{\circ}$  to  $+50^{\circ}\text{C}$
  - b) Voltage = low voltage, 3.6 Vdc, Normal, 3.8 Vdc and High voltage, 4.4 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	Temperature	Deviation	Deviation	Limit	Pass/ Fail	
		(Vdc)	( $^{\circ}\text{C}$ )	(Hz)	(ppm)	(ppm)		
<b>GSM 850 1Tx-slot</b>								
GMSK	190 / 836.6	VL	TN	-12	-0.0143	$\pm 2.5$	Pass	
		VN		-6	-0.0072	$\pm 2.5$	Pass	
		VH		-17	-0.0203	$\pm 2.5$	Pass	
				50	-1	-0.0012	$\pm 2.5$	Pass
				40	-11	-0.0131	$\pm 2.5$	Pass
				30	5	0.0060	$\pm 2.5$	Pass
				20	-11	-0.0131	$\pm 2.5$	Pass
				10	-14	-0.0167	$\pm 2.5$	Pass
				0	-13	-0.0155	$\pm 2.5$	Pass
				-10	14	0.0167	$\pm 2.5$	Pass
				-20	6	0.0072	$\pm 2.5$	Pass
				-30	4	0.0048	$\pm 2.5$	Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
<b>EDGE 850 1Tx-slot</b>							
8PSK	190 / 836.6	VL	TN	-9	-0.0108	± 2.5	Pass
		VN		-8	-0.0096	± 2.5	Pass
		VH		7	0.0084	± 2.5	Pass
		VN	50	-18	-0.0215	± 2.5	Pass
			40	-15	-0.0179	± 2.5	Pass
			30	-6	-0.0072	± 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	7	0.0084	± 2.5	Pass
			-20	6	0.0072	± 2.5	Pass
			-30	7	0.0084	± 2.5	Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
<b>WCDMA Band V RMC 12.2Kbps</b>							
BPSK	4182 / 836.4	VL	TN	7	0.0084	± 2.5	Pass
		VN		-9	-0.0108	± 2.5	Pass
		VH		-10	-0.0120	± 2.5	Pass
		VN	50	20	0.0239	± 2.5	Pass
			40	15	0.0179	± 2.5	Pass
			30	-8	-0.0096	± 2.5	Pass
			20	-14	-0.0167	± 2.5	Pass
			10	-5	-0.0060	± 2.5	Pass
			0	1	0.0012	± 2.5	Pass
			-10	8	0.0096	± 2.5	Pass
			-20	17	0.0203	± 2.5	Pass
			-30	3	0.0036	± 2.5	Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
<b>GSM 1900 1Tx-slot</b>							
GMSK	661 / 1880.0	VL	TN	12	0.0064	N/A(note1)	Pass
		VN		-8	-0.0043		Pass
		VH		1	0.0005		Pass
		VN	50	-4	-0.0021		Pass
			40	-8	-0.0043		Pass
			30	13	0.0069		Pass
			20	-17	-0.0090		Pass
			10	2	0.0011		Pass
			0	12	0.0064		Pass
			-10	-4	-0.0021		Pass
			-20	-3	-0.0016		Pass
			-30	-7	-0.0037		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
<b>EDGE 1900 1Tx-slot</b>							
8PSK	661 / 1880.0	VL	TN	16	0.0085	N/A(note1)	Pass
		VN		10	0.0053		Pass
		VH		-17	-0.0090		Pass
		VN	50	13	0.0069		Pass
			40	2	0.0011		Pass
			30	-9	-0.0048		Pass
			20	-7	-0.0037		Pass
			10	8	0.0043		Pass
			0	-10	-0.0053		Pass
			-10	-11	-0.0059		Pass
			-20	-11	-0.0059		Pass
			-30	14	0.0074		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
<b>WCDMA Band II RMC 12.2Kbps</b>							
BPSK	9400 / 1880.0	VL	TN	-15	-0.0080	N/A(note1)	Pass
		VN		-6	-0.0032		Pass
		VH		16	0.0085		Pass
		VN	50	-6	-0.0032		Pass
			40	1	0.0005		Pass
			30	2	0.0011		Pass
			20	-4	-0.0021		Pass
			10	-16	-0.0085		Pass
			0	7	0.0037		Pass
			-10	14	0.0074		Pass
			-20	8	0.0043		Pass
			-30	-7	-0.0037		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
<b>WCDMA Band IV RMC 12.2Kbps</b>							
BMSK	1412 / 1732.4	VL	TN	-18	-0.0104	N/A(note1)	Pass
		VN		-9	-0.0052		Pass
		VH		-9	-0.0052		Pass
		VN	50	-17	-0.0098		Pass
			40	20	0.0115		Pass
			30	18	0.0104		Pass
			20	10	0.0058		Pass
			10	-20	-0.0115		Pass
			0	-4	-0.0023		Pass
			-10	6	0.0035		Pass
			-20	-11	-0.0063		Pass
			-30	11	0.0063		Pass



Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
<b>LTE Band 2 / 20MHz / Full RB</b>							
QPSK	18900 / 1880.0	VL	TN	18	0.0096	N/A(note1)	Pass
		VN		-10	-0.0053		Pass
		VH		5	0.0027		Pass
		VN	50	-11	-0.0059		Pass
			40	4	0.0021		Pass
			30	-9	-0.0048		Pass
			20	8	0.0043		Pass
			10	-14	-0.0074		Pass
			0	13	0.0069		Pass
			-10	-19	-0.0101		Pass
			-20	20	0.0106		Pass
			-30	-1	-0.0005		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
<b>LTE Band 4 / 20MHz / Full RB</b>							
QPSK	20175 / 1732.5	VL	TN	10	0.0058	N/A(note1)	Pass
		VN		-16	-0.0092		Pass
		VH		-14	-0.0081		Pass
		VN	50	20	0.0115		Pass
			40	-13	-0.0075		Pass
			30	6	0.0035		Pass
			20	-16	-0.0092		Pass
			10	1	0.0006		Pass
			0	20	0.0115		Pass
			-10	-9	-0.0052		Pass
			-20	-12	-0.0069		Pass
			-30	-9	-0.0052		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
<b>LTE Band 5 / 10MHz / Full RB</b>							
QPSK	20525 / 836.5	VL	TN	16	0.0191	± 2.5	Pass
		VN		-1	-0.0012	± 2.5	Pass
		VH		12	0.0143	± 2.5	Pass
		VN	50	-1	-0.0012	± 2.5	Pass
			40	20	0.0239	± 2.5	Pass
			30	-15	-0.0179	± 2.5	Pass
			20	-13	-0.0155	± 2.5	Pass
			10	19	0.0227	± 2.5	Pass
			0	-17	-0.0203	± 2.5	Pass
			-10	-11	-0.0132	± 2.5	Pass
			-20	-13	-0.0155	± 2.5	Pass
			-30	5	0.0060	± 2.5	Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
<b>LTE Band 7 / 20MHz / Full RB</b>							
QPSK	21100 / 2535	VL	TN	-9	-0.0036	N/A(note1)	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	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
<b>LTE Band 12 / 10MHz / Full RB</b>							
QPSK	23095 / 707.5	VL	TN	-15	-0.0212	N/A(note1)	Pass
		VN		9	0.0127		Pass
		VH		-14	-0.0198		Pass
		VN	50	17	0.0240		Pass
			40	10	0.0141		Pass
			30	17	0.0240		Pass
			20	8	0.0113		Pass
			10	-8	-0.0113		Pass
			0	-19	-0.0269		Pass
			-10	-16	-0.0226		Pass
			-20	-13	-0.0184		Pass
			-30	-5	-0.0071		Pass

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(°C)	(Hz)	(ppm)	(ppm)	
<b>LTE Band 17 / 10MHz / Full RB</b>							
QPSK	23790 / 710	VL	TN	11	0.0155	N/A(note1)	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

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Pass/ Fail
QPSK	23230 / 782	VL	TN	-5	-0.0064	N/A(note1)	Pass
		VN		-9	-0.0115		Pass
		VH		-6	-0.0077		Pass
		VN	50	-14	-0.0179		Pass
			40	10	0.0128		Pass
			30	-10	-0.0128		Pass
			20	-7	-0.0090		Pass
			10	5	0.0064		Pass
			0	7	0.0090		Pass
			-10	-5	-0.0064		Pass
			-20	3	0.0038		Pass
			-30	8	0.0102		Pass

note1: The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

## 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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