



LTE Band 25 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3710.12	-33.57	12.60	12.93	-33.90	-13.00	-20.90	H
5565.41	-34.27	13.10	17.11	-38.28	-13.00	-25.28	H
7420.23	-33.32	11.50	22.20	-44.02	-13.00	-31.02	H
3710.12	-34.52	12.60	12.93	-34.85	-13.00	-21.85	V
5565.41	-34.65	13.10	17.11	-38.66	-13.00	-25.66	V
7420.23	-32.38	11.50	22.20	-43.08	-13.00	-30.08	V
LTE Band 25 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3764.86	-34.51	12.60	12.93	-34.84	-13.00	-21.84	H
5647.46	-34.26	13.10	17.11	-38.27	-13.00	-25.27	H
7529.92	-32.82	11.50	22.20	-43.52	-13.00	-30.52	H
3764.86	-35.02	12.60	12.93	-35.35	-13.00	-22.35	V
5647.46	-33.99	13.10	17.11	-38.00	-13.00	-25.00	V
7529.92	-32.30	11.50	22.20	-43.00	-13.00	-30.00	V
LTE Band 25 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3820.20	-34.12	12.60	12.93	-34.45	-13.00	-21.45	H
5729.85	-34.11	13.10	17.11	-38.12	-13.00	-25.12	H
7640.05	-32.26	11.50	22.20	-42.96	-13.00	-29.96	H
3820.20	-34.57	12.60	12.93	-34.90	-13.00	-21.90	V
5729.85	-33.77	13.10	17.11	-37.78	-13.00	-24.78	V
7640.05	-32.94	11.50	22.20	-43.64	-13.00	-30.64	V



LTE Band 25 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3715.21	-34.66	12.60	12.93	-34.99	-13.00	-21.99	H
5572.30	-34.21	13.10	17.11	-38.22	-13.00	-25.22	H
7430.75	-32.70	11.50	22.20	-43.40	-13.00	-30.40	H
3715.21	-35.24	12.60	12.93	-35.57	-13.00	-22.57	V
5572.30	-33.92	13.10	17.11	-37.93	-13.00	-24.93	V
7430.75	-32.89	11.50	22.20	-43.59	-13.00	-30.59	V
LTE Band 25 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3765.13	-33.90	12.60	12.93	-34.23	-13.00	-21.23	H
5647.11	-34.72	13.10	17.11	-38.73	-13.00	-25.73	H
7429.83	-32.87	11.50	22.20	-43.57	-13.00	-30.57	H
3765.13	-34.54	12.60	12.93	-34.87	-13.00	-21.87	V
5647.11	-34.21	13.10	17.11	-38.22	-13.00	-25.22	V
7429.83	-31.80	11.50	22.20	-42.50	-13.00	-29.50	V
LTE Band 25 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.35	-33.70	12.60	12.93	-34.03	-13.00	-21.03	H
5722.24	-34.45	13.10	17.11	-38.46	-13.00	-25.46	H
7630.14	-32.33	11.50	22.20	-43.03	-13.00	-30.03	H
3815.35	-35.26	12.60	12.93	-35.59	-13.00	-22.59	V
5722.24	-34.51	13.10	17.11	-38.52	-13.00	-25.52	V
7630.14	-32.19	11.50	22.20	-42.89	-13.00	-29.89	V



LTE Band 25 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3720.08	-34.66	12.60	12.93	-34.99	-13.00	-21.99	H
5580.33	-35.37	13.10	17.11	-39.38	-13.00	-26.38	H
7440.12	-33.08	11.50	22.20	-43.78	-13.00	-30.78	H
3720.08	-35.63	12.60	12.93	-35.96	-13.00	-22.96	V
5580.33	-34.31	13.10	17.11	-38.32	-13.00	-25.32	V
7440.12	-32.16	11.50	22.20	-42.86	-13.00	-29.86	V
LTE Band 25 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3765.16	-34.76	12.60	12.93	-35.09	-13.00	-22.09	H
5647.10	-34.87	13.10	17.11	-38.88	-13.00	-25.88	H
7529.97	-32.96	11.50	22.20	-43.66	-13.00	-30.66	H
3765.16	-34.89	12.60	12.93	-35.22	-13.00	-22.22	V
5647.10	-35.20	13.10	17.11	-39.21	-13.00	-26.21	V
7529.97	-31.92	11.50	22.20	-42.62	-13.00	-29.62	V
LTE Band 25 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3810.18	-34.27	12.60	12.93	-34.60	-13.00	-21.60	H
5715.35	-34.92	13.10	17.11	-38.93	-13.00	-25.93	H
7620.15	-33.43	11.50	22.20	-44.13	-13.00	-31.13	H
3810.18	-35.13	12.60	12.93	-35.46	-13.00	-22.46	V
5715.35	-34.46	13.10	17.11	-38.47	-13.00	-25.47	V
7620.15	-32.35	11.50	22.20	-43.05	-13.00	-30.05	V



LTE Band 26(Part 22) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1649.19	-33.78	9.56	9.72	-33.94	-13.00	-20.94	H
2473.56	-34.28	10.50	10.86	-34.64	-13.00	-21.64	H
3298.83	-32.27	12.78	11.57	-31.06	-13.00	-18.06	H
1649.19	-35.53	9.56	9.72	-35.69	-13.00	-22.69	V
2473.56	-34.07	10.50	10.86	-34.43	-13.00	-21.43	V
3298.83	-32.68	12.78	11.57	-31.47	-13.00	-18.47	V
LTE Band 26(Part 22) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.83	-34.59	9.56	9.72	-34.75	-13.00	-21.75	H
2508.93	-34.93	10.50	10.86	-35.29	-13.00	-22.29	H
3345.90	-33.52	12.78	11.57	-32.31	-13.00	-19.31	H
1672.83	-35.05	9.56	9.72	-35.21	-13.00	-22.21	V
2508.93	-34.74	10.50	10.86	-35.10	-13.00	-22.10	V
3345.90	-31.77	12.78	11.57	-30.56	-13.00	-17.56	V
LTE Band 26(Part 22) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1696.26	-34.11	9.56	9.72	-34.27	-13.00	-21.27	H
2544.56	-34.36	10.50	10.86	-34.72	-13.00	-21.72	H
3392.91	-32.40	12.78	11.57	-31.19	-13.00	-18.19	H
1696.26	-35.13	9.56	9.72	-35.29	-13.00	-22.29	V
2544.56	-34.32	10.50	10.86	-34.68	-13.00	-21.68	V
3392.91	-33.01	12.78	11.57	-31.80	-13.00	-18.80	V



LTE Band 26(Part 22) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1651.20	-34.71	9.56	9.72	-34.87	-13.00	-21.87	H
2476.45	-34.27	10.50	10.86	-34.63	-13.00	-21.63	H
3301.95	-32.44	12.78	11.57	-31.23	-13.00	-18.23	H
1651.20	-35.42	9.56	9.72	-35.58	-13.00	-22.58	V
2476.45	-34.75	10.50	10.86	-35.11	-13.00	-22.11	V
3301.95	-32.10	12.78	11.57	-30.89	-13.00	-17.89	V
LTE Band 26(Part 22) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.26	-34.30	9.56	9.72	-34.46	-13.00	-21.46	H
2508.83	-34.04	10.50	10.86	-34.40	-13.00	-21.40	H
3346.00	-33.19	12.78	11.57	-31.98	-13.00	-18.98	H
1673.26	-35.59	9.56	9.72	-35.75	-13.00	-22.75	V
2508.83	-34.29	10.50	10.86	-34.65	-13.00	-21.65	V
3346.00	-32.29	12.78	11.57	-31.08	-13.00	-18.08	V
LTE Band 26(Part 22) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1695.42	-34.37	9.56	9.72	-34.53	-13.00	-21.53	H
2542.10	-35.01	10.50	10.86	-35.37	-13.00	-22.37	H
3389.96	-33.12	12.78	11.57	-31.91	-13.00	-18.91	H
1695.42	-35.08	9.56	9.72	-35.24	-13.00	-22.24	V
2542.10	-34.96	10.50	10.86	-35.32	-13.00	-22.32	V
3389.96	-31.92	12.78	11.57	-30.71	-13.00	-17.71	V



LTE Band 26(Part 22) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.84	-34.93	9.56	9.72	-35.09	-13.00	-22.09	H
2479.48	-35.43	10.50	10.86	-35.79	-13.00	-22.79	H
3306.83	-32.45	12.78	11.57	-31.24	-13.00	-18.24	H
1652.84	-35.20	9.56	9.72	-35.36	-13.00	-22.36	V
2479.48	-34.82	10.50	10.86	-35.18	-13.00	-22.18	V
3306.83	-32.82	12.78	11.57	-31.61	-13.00	-18.61	V
LTE Band 26(Part 22) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.92	-34.19	9.56	9.72	-34.35	-13.00	-21.35	H
2509.26	-34.06	10.50	10.86	-34.42	-13.00	-21.42	H
3345.80	-32.35	12.78	11.57	-31.14	-13.00	-18.14	H
1672.92	-34.95	9.56	9.72	-35.11	-13.00	-22.11	V
2509.26	-34.59	10.50	10.86	-34.95	-13.00	-21.95	V
3345.80	-31.90	12.78	11.57	-30.69	-13.00	-17.69	V
LTE Band 26(Part 22) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.34	-33.81	9.56	9.72	-33.97	-13.00	-20.97	H
2539.34	-34.84	10.50	10.86	-35.20	-13.00	-22.20	H
3385.95	-33.07	12.78	11.57	-31.86	-13.00	-18.86	H
1693.34	-34.92	9.56	9.72	-35.08	-13.00	-22.08	V
2539.34	-34.61	10.50	10.86	-34.97	-13.00	-21.97	V
3385.95	-32.07	12.78	11.57	-30.86	-13.00	-17.86	V



LTE Band 26(Part 22) / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1657.91	-33.80	9.56	9.72	-33.96	-13.00	-20.96	H
2486.67	-35.27	10.50	10.86	-35.63	-13.00	-22.63	H
3315.65	-32.65	12.78	11.57	-31.44	-13.00	-18.44	H
1657.91	-34.97	9.56	9.72	-35.13	-13.00	-22.13	V
2486.67	-34.57	10.50	10.86	-34.93	-13.00	-21.93	V
3315.65	-32.43	12.78	11.57	-31.22	-13.00	-18.22	V
LTE Band 26(Part 22) / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.77	-34.73	9.56	9.72	-34.89	-13.00	-21.89	H
2508.94	-35.15	10.50	10.86	-35.51	-13.00	-22.51	H
3346.04	-32.65	12.78	11.57	-31.44	-13.00	-18.44	H
1672.77	-35.05	9.56	9.72	-35.21	-13.00	-22.21	V
2508.94	-34.79	10.50	10.86	-35.15	-13.00	-22.15	V
3346.04	-31.71	12.78	11.57	-30.50	-13.00	-17.50	V
LTE Band 26(Part 22) / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1688.71	-34.89	9.56	9.72	-35.05	-13.00	-22.05	H
2532.11	-34.51	10.50	10.86	-34.87	-13.00	-21.87	H
3375.84	-33.31	12.78	11.57	-32.10	-13.00	-19.10	H
1688.71	-36.01	9.56	9.72	-36.17	-13.00	-23.17	V
2532.11	-35.00	10.50	10.86	-35.36	-13.00	-22.36	V
3375.84	-32.24	12.78	11.57	-31.03	-13.00	-18.03	V



LTE Band 26(Part 22) / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1663.15	-34.16	9.56	9.72	-34.32	-13.00	-21.32	H
2494.39	-34.89	10.50	10.86	-35.25	-13.00	-22.25	H
3325.91	-32.54	12.78	11.57	-31.33	-13.00	-18.33	H
1663.15	-35.54	9.56	9.72	-35.70	-13.00	-22.70	V
2494.39	-34.67	10.50	10.86	-35.03	-13.00	-22.03	V
3325.91	-33.06	12.78	11.57	-31.85	-13.00	-18.85	V
LTE Band 26(Part 22) / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.77	-34.69	9.56	9.72	-34.85	-13.00	-21.85	H
2509.25	-35.08	10.50	10.86	-35.44	-13.00	-22.44	H
3346.18	-33.46	12.78	11.57	-32.25	-13.00	-19.25	H
1672.77	-35.45	9.56	9.72	-35.61	-13.00	-22.61	V
2509.25	-34.45	10.50	10.86	-34.81	-13.00	-21.81	V
3346.18	-32.57	12.78	11.57	-31.36	-13.00	-18.36	V
LTE Band 26(Part 22) / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1683.54	-33.72	9.56	9.72	-33.88	-13.00	-20.88	H
2524.48	-34.53	10.50	10.86	-34.89	-13.00	-21.89	H
3366.66	-32.75	12.78	11.57	-31.54	-13.00	-18.54	H
1683.54	-35.18	9.56	9.72	-35.34	-13.00	-22.34	V
2524.48	-34.52	10.50	10.86	-34.88	-13.00	-21.88	V
3366.66	-31.80	12.78	11.57	-30.59	-13.00	-17.59	V



LTE Band 26(Part 90) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1629.06	-34.85	9.56	9.72	-35.01	-13.00	-22.01	H
2444.17	-34.68	10.50	10.86	-35.04	-13.00	-22.04	H
3258.65	-32.59	12.78	11.57	-31.38	-13.00	-18.38	H
1629.06	-34.87	9.56	9.72	-35.03	-13.00	-22.03	V
2444.17	-35.08	10.50	10.86	-35.44	-13.00	-22.44	V
3258.65	-32.43	12.78	11.57	-31.22	-13.00	-18.22	V
LTE Band 26(Part 90) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1637.88	-34.48	9.56	9.72	-34.64	-13.00	-21.64	H
2457.28	-35.05	10.50	10.86	-35.41	-13.00	-22.41	H
3276.06	-32.90	12.78	11.57	-31.69	-13.00	-18.69	H
1637.88	-35.03	9.56	9.72	-35.19	-13.00	-22.19	V
2457.28	-34.70	10.50	10.86	-35.06	-13.00	-22.06	V
3276.06	-32.29	12.78	11.57	-31.08	-13.00	-18.08	V
LTE Band 26(Part 90) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1646.60	-34.87	9.56	9.72	-35.03	-13.00	-22.03	H
2456.95	-34.42	10.50	10.86	-34.78	-13.00	-21.78	H
3257.99	-32.78	12.78	11.57	-31.57	-13.00	-18.57	H
1646.60	-35.98	9.56	9.72	-36.14	-13.00	-23.14	V
2456.95	-34.09	10.50	10.86	-34.45	-13.00	-21.45	V
3257.99	-31.90	12.78	11.57	-30.69	-13.00	-17.69	V



LTE Band 26(Part 90) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1631.20	-33.63	9.56	9.72	-33.79	-13.00	-20.79	H
2446.21	-34.12	10.50	10.86	-34.48	-13.00	-21.48	H
3261.48	-33.27	12.78	11.57	-32.06	-13.00	-19.06	H
1631.20	-34.92	9.56	9.72	-35.08	-13.00	-22.08	V
2446.21	-34.84	10.50	10.86	-35.20	-13.00	-22.20	V
3261.48	-31.71	12.78	11.57	-30.50	-13.00	-17.50	V
LTE Band 26(Part 90) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1637.88	-33.81	9.56	9.72	-33.97	-13.00	-20.97	H
2457.19	-34.33	10.50	10.86	-34.69	-13.00	-21.69	H
3276.29	-33.28	12.78	11.57	-32.07	-13.00	-19.07	H
1637.88	-35.38	9.56	9.72	-35.54	-13.00	-22.54	V
2457.19	-34.50	10.50	10.86	-34.86	-13.00	-21.86	V
3276.29	-31.73	12.78	11.57	-30.52	-13.00	-17.52	V
LTE Band 26(Part 90) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1644.70	-34.17	9.56	9.72	-34.33	-13.00	-21.33	H
2467.17	-34.28	10.50	10.86	-34.64	-13.00	-21.64	H
3276.08	-32.24	12.78	11.57	-31.03	-13.00	-18.03	H
1644.70	-35.10	9.56	9.72	-35.26	-13.00	-22.26	V
2467.17	-33.87	10.50	10.86	-34.23	-13.00	-21.23	V
3276.08	-32.42	12.78	11.57	-31.21	-13.00	-18.21	V



LTE Band 26(Part 90) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1632.86	-34.79	9.56	9.72	-34.95	-13.00	-21.95	H
2449.37	-33.99	10.50	10.86	-34.35	-13.00	-21.35	H
3266.61	-32.84	12.78	11.57	-31.63	-13.00	-18.63	H
1632.86	-36.01	9.56	9.72	-36.17	-13.00	-23.17	V
2449.37	-34.28	10.50	10.86	-34.64	-13.00	-21.64	V
3266.61	-32.31	12.78	11.57	-31.10	-13.00	-18.10	V

LTE Band 26(Part 90) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1638.11	-34.24	9.56	9.72	-34.40	-13.00	-21.40	H
2457.06	-34.48	10.50	10.86	-34.84	-13.00	-21.84	H
3276.29	-33.49	12.78	11.57	-32.28	-13.00	-19.28	H
1638.11	-34.70	9.56	9.72	-34.86	-13.00	-21.86	V
2457.06	-34.00	10.50	10.86	-34.36	-13.00	-21.36	V
3276.29	-31.82	12.78	11.57	-30.61	-13.00	-17.61	V

LTE Band 26(Part 90) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1643.17	-33.72	9.56	9.72	-33.88	-13.00	-20.88	H
2464.10	-35.02	10.50	10.86	-35.38	-13.00	-22.38	H
3286.12	-33.08	12.78	11.57	-31.87	-13.00	-18.87	H
1643.17	-35.44	9.56	9.72	-35.60	-13.00	-22.60	V
2464.10	-34.94	10.50	10.86	-35.30	-13.00	-22.30	V
3286.12	-32.45	12.78	11.57	-31.24	-13.00	-18.24	V

LTE Band 26(Part 90) / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1638.00	-33.77	9.56	9.72	-33.93	-13.00	-20.93	H
2457.14	-35.12	10.50	10.86	-35.48	-13.00	-22.48	H
3275.85	-32.36	12.78	11.57	-31.15	-13.00	-18.15	H
1638.00	-35.73	9.56	9.72	-35.89	-13.00	-22.89	V
2457.14	-34.70	10.50	10.86	-35.06	-13.00	-22.06	V
3275.85	-32.25	12.78	11.57	-31.04	-13.00	-18.04	V



LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4996.89	-33.60	12.66	15.86	-36.80	-25.00	-11.80	H
7495.71	-35.28	11.46	19.28	-43.10	-25.00	-18.10	H
9994.12	-33.53	12.79	23.19	-43.93	-25.00	-18.93	H
4997.17	-35.02	12.66	15.86	-38.22	-25.00	-13.22	V
7495.85	-34.96	11.46	19.28	-42.78	-25.00	-17.78	V
9994.13	-32.04	12.79	23.19	-42.44	-25.00	-17.44	V
LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5186.02	-34.88	12.72	15.86	-38.02	-25.00	-13.02	H
7779.37	-34.32	11.46	19.28	-42.14	-25.00	-17.14	H
10371.99	-33.25	12.09	23.19	-44.35	-25.00	-19.35	H
5186.02	-34.70	12.72	15.86	-37.84	-25.00	-12.84	V
7779.37	-35.04	11.46	19.28	-42.86	-25.00	-17.86	V
10371.99	-32.99	12.09	23.19	-44.09	-25.00	-19.09	V
LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5374.77	-34.38	12.76	15.86	-37.48	-25.00	-12.48	H
8062.45	-35.13	11.45	19.28	-42.96	-25.00	-17.96	H
10749.99	-32.63	12.28	23.19	-43.54	-25.00	-18.54	H
5374.77	-35.44	12.76	15.86	-38.54	-25.00	-13.54	V
8062.45	-33.85	11.45	19.28	-41.68	-25.00	-16.68	V
10749.99	-32.12	12.28	23.19	-43.03	-25.00	-18.03	V



LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5002.14	-34.80	12.66	15.86	-38.00	-25.00	-13.00	H
7503.14	-34.14	11.46	19.28	-41.96	-25.00	-16.96	H
10004.47	-32.49	12.79	23.19	-42.89	-25.00	-17.89	H
5002.14	-34.54	12.66	15.86	-37.74	-25.00	-12.74	V
7503.14	-34.26	11.46	19.28	-42.08	-25.00	-17.08	V
10004.47	-31.78	12.79	23.19	-42.18	-25.00	-17.18	V
LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5186.63	-34.24	12.72	15.86	-37.38	-25.00	-12.38	H
7779.63	-34.08	11.46	19.28	-41.90	-25.00	-16.90	H
10371.30	-32.76	12.09	23.19	-43.86	-25.00	-18.86	H
5186.63	-35.54	12.72	15.86	-38.68	-25.00	-13.68	V
7779.63	-35.10	11.46	19.28	-42.92	-25.00	-17.92	V
10371.30	-32.93	12.09	23.19	-44.03	-25.00	-19.03	V
LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5370.36	-34.24	12.76	15.86	-37.34	-25.00	-12.34	H
8055.55	-35.41	11.45	19.28	-43.24	-25.00	-18.24	H
10740.21	-33.13	12.28	23.19	-44.04	-25.00	-19.04	H
5370.36	-35.48	12.76	15.86	-38.58	-25.00	-13.58	V
8055.55	-33.78	11.45	19.28	-41.61	-25.00	-16.61	V
10740.21	-32.72	12.28	23.19	-43.63	-25.00	-18.63	V



LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5007.01	-34.61	12.66	15.86	-37.81	-25.00	-12.81	H
7510.31	-34.53	11.46	19.28	-42.35	-25.00	-17.35	H
10014.68	-33.32	12.79	23.19	-43.72	-25.00	-18.72	H
5007.01	-35.67	12.66	15.86	-38.87	-25.00	-13.87	V
7510.31	-34.02	11.46	19.28	-41.84	-25.00	-16.84	V
10014.68	-31.79	12.79	23.19	-42.19	-25.00	-17.19	V
LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5185.92	-33.60	12.72	15.86	-36.74	-25.00	-11.74	H
7779.11	-35.02	11.46	19.28	-42.84	-25.00	-17.84	H
10372.34	-33.45	12.09	23.19	-44.55	-25.00	-19.55	H
5185.92	-35.75	12.72	15.86	-38.89	-25.00	-13.89	V
7779.11	-34.37	11.46	19.28	-42.19	-25.00	-17.19	V
10372.34	-31.89	12.09	23.19	-42.99	-25.00	-17.99	V
LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5365.75	-33.70	12.76	15.86	-36.80	-25.00	-11.80	H
8047.07	-35.27	11.45	19.28	-43.10	-25.00	-18.10	H
10730.19	-33.28	12.28	23.19	-44.19	-25.00	-19.19	H
5365.75	-35.24	12.76	15.86	-38.34	-25.00	-13.34	V
8047.07	-34.34	11.45	19.28	-42.17	-25.00	-17.17	V
10730.19	-32.34	12.28	23.19	-43.25	-25.00	-18.25	V



LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5012.02	-33.65	12.66	15.86	-36.85	-25.00	-11.85	H
7518.37	-34.87	11.46	19.28	-42.69	-25.00	-17.69	H
10024.27	-32.46	12.79	23.19	-42.86	-25.00	-17.86	H
5012.02	-34.84	12.66	15.86	-38.04	-25.00	-13.04	V
7518.37	-34.67	11.46	19.28	-42.49	-25.00	-17.49	V
10024.27	-32.72	12.79	23.19	-43.12	-25.00	-18.12	V
LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5185.88	-34.82	12.72	15.86	-37.96	-25.00	-12.96	H
7779.20	-35.40	11.46	19.28	-43.22	-25.00	-18.22	H
10371.94	-32.86	12.09	23.19	-43.96	-25.00	-18.96	H
5185.88	-35.08	12.72	15.86	-38.22	-25.00	-13.22	V
7779.20	-34.59	11.46	19.28	-42.41	-25.00	-17.41	V
10371.94	-32.33	12.09	23.19	-43.43	-25.00	-18.43	V
LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5360.10	-34.10	12.76	15.86	-37.20	-25.00	-12.20	H
8040.51	-35.36	11.45	19.28	-43.19	-25.00	-18.19	H
10720.25	-33.42	12.28	23.19	-44.33	-25.00	-19.33	H
5360.10	-34.88	12.76	15.86	-37.98	-25.00	-12.98	V
8040.51	-33.99	11.45	19.28	-41.82	-25.00	-16.82	V
10720.25	-32.01	12.28	23.19	-42.92	-25.00	-17.92	V



LTE Band 66 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3421.27	-34.16	12.90	12.56	-33.82	-13.00	-20.82	H
5132.06	-35.46	13.10	16.32	-38.68	-13.00	-25.68	H
6842.40	-32.50	12.33	21.13	-41.30	-13.00	-28.30	H
3421.27	-35.03	12.90	12.56	-34.69	-13.00	-21.69	V
5132.06	-35.14	13.10	16.32	-38.36	-13.00	-25.36	V
6842.40	-32.84	12.33	21.13	-41.64	-13.00	-28.64	V
LTE Band 66 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3490.11	-33.94	12.90	12.56	-33.60	-13.00	-20.60	H
5235.03	-34.78	13.10	16.32	-38.00	-13.00	-25.00	H
6979.96	-33.41	12.33	21.13	-42.21	-13.00	-29.21	H
3490.11	-34.59	12.90	12.56	-34.25	-13.00	-21.25	V
5235.03	-34.00	13.10	16.32	-37.22	-13.00	-24.22	V
6979.96	-32.73	12.33	21.13	-41.53	-13.00	-28.53	V
LTE Band 66 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3558.19	-34.25	12.90	12.56	-33.91	-13.00	-20.91	H
5336.93	-35.14	13.10	16.32	-38.36	-13.00	-25.36	H
7116.73	-32.33	12.33	21.13	-41.13	-13.00	-28.13	H
3558.19	-34.58	12.90	12.56	-34.24	-13.00	-21.24	V
5336.93	-33.81	13.10	16.32	-37.03	-13.00	-24.03	V
7116.73	-31.74	12.33	21.13	-40.54	-13.00	-27.54	V



LTE Band 66 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3423.04	-34.81	12.90	12.56	-34.47	-13.00	-21.47	H
5134.47	-35.37	13.10	16.32	-38.59	-13.00	-25.59	H
6846.01	-33.11	12.33	21.13	-41.91	-13.00	-28.91	H
3423.04	-35.41	12.90	12.56	-35.07	-13.00	-22.07	V
5134.47	-34.35	13.10	16.32	-37.57	-13.00	-24.57	V
6846.01	-31.81	12.33	21.13	-40.61	-13.00	-27.61	V
LTE Band 66 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3490.12	-34.14	12.90	12.56	-33.80	-13.00	-20.80	H
5235.11	-35.47	13.10	16.32	-38.69	-13.00	-25.69	H
6980.01	-32.54	12.33	21.13	-41.34	-13.00	-28.34	H
3490.12	-36.01	12.90	12.56	-35.67	-13.00	-22.67	V
5235.11	-33.89	13.10	16.32	-37.11	-13.00	-24.11	V
6980.01	-33.17	12.33	21.13	-41.97	-13.00	-28.97	V
LTE Band 66 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3556.80	-34.05	12.90	12.56	-33.71	-13.00	-20.71	H
5262.07	-34.30	13.10	16.32	-37.52	-13.00	-24.52	H
7114.14	-32.60	12.33	21.13	-41.40	-13.00	-28.40	H
3556.80	-35.60	12.90	12.56	-35.26	-13.00	-22.26	V
5262.07	-33.80	13.10	16.32	-37.02	-13.00	-24.02	V
7114.14	-32.28	12.33	21.13	-41.08	-13.00	-28.08	V



LTE Band 66 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3425.00	-34.08	12.90	12.56	-33.74	-13.00	-20.74	H
5137.08	-34.36	13.10	16.32	-37.58	-13.00	-24.58	H
6850.37	-33.59	12.33	21.13	-42.39	-13.00	-29.39	H
3425.00	-35.38	12.90	12.56	-35.04	-13.00	-22.04	V
5137.08	-34.53	13.10	16.32	-37.75	-13.00	-24.75	V
6850.37	-32.19	12.33	21.13	-40.99	-13.00	-27.99	V
LTE Band 66 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3489.89	-34.70	12.90	12.56	-34.36	-13.00	-21.36	H
5234.84	-34.95	13.10	16.32	-38.17	-13.00	-25.17	H
6980.01	-33.46	12.33	21.13	-42.26	-13.00	-29.26	H
3489.89	-34.76	12.90	12.56	-34.42	-13.00	-21.42	V
5234.84	-34.87	13.10	16.32	-38.09	-13.00	-25.09	V
6980.01	-31.88	12.33	21.13	-40.68	-13.00	-27.68	V
LTE Band 66 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3558.06	-34.52	12.90	12.56	-34.18	-13.00	-21.18	H
52354.02	-35.40	13.10	16.32	-38.62	-13.00	-25.62	H
7110.18	-33.09	12.33	21.13	-41.89	-13.00	-28.89	H
3558.06	-34.68	12.90	12.56	-34.34	-13.00	-21.34	V
52354.02	-34.05	13.10	16.32	-37.27	-13.00	-24.27	V
7110.18	-32.08	12.33	21.13	-40.88	-13.00	-27.88	V



LTE Band 66 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3430.14	-34.05	12.90	12.56	-33.71	-13.00	-20.71	H
5145.22	-35.07	13.10	16.32	-38.29	-13.00	-25.29	H
6880.05	-32.46	12.33	21.13	-41.26	-13.00	-28.26	H
3430.14	-34.76	12.90	12.56	-34.42	-13.00	-21.42	V
5145.22	-34.55	13.10	16.32	-37.77	-13.00	-24.77	V
6880.05	-33.17	12.33	21.13	-41.97	-13.00	-28.97	V
LTE Band 66 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3489.91	-34.84	12.90	12.56	-34.50	-13.00	-21.50	H
5234.97	-35.48	13.10	16.32	-38.70	-13.00	-25.70	H
6979.95	-33.17	12.33	21.13	-41.97	-13.00	-28.97	H
3489.91	-35.05	12.90	12.56	-34.71	-13.00	-21.71	V
5234.97	-34.69	13.10	16.32	-37.91	-13.00	-24.91	V
6979.95	-32.68	12.33	21.13	-41.48	-13.00	-28.48	V
LTE Band 66 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3550.55	-34.49	12.90	12.56	-34.15	-13.00	-21.15	H
5235.18	-35.01	13.10	16.32	-38.23	-13.00	-25.23	H
7099.95	-33.20	12.33	21.13	-42.00	-13.00	-29.00	H
3550.55	-35.66	12.90	12.56	-35.32	-13.00	-22.32	V
5235.18	-34.79	13.10	16.32	-38.01	-13.00	-25.01	V
7099.95	-32.02	12.33	21.13	-40.82	-13.00	-27.82	V



LTE Band 66 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3435.18	-34.17	12.90	12.56	-33.83	-13.00	-20.83	H
5152.36	-34.75	13.10	16.32	-37.97	-13.00	-24.97	H
6870.01	-33.49	12.33	21.13	-42.29	-13.00	-29.29	H
3435.18	-35.99	12.90	12.56	-35.65	-13.00	-22.65	V
5152.36	-34.07	13.10	16.32	-37.29	-13.00	-24.29	V
6870.01	-31.92	12.33	21.13	-40.72	-13.00	-27.72	V
LTE Band 66 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3489.87	-33.53	12.90	12.56	-33.19	-13.00	-20.19	H
5235.14	-34.13	13.10	16.32	-37.35	-13.00	-24.35	H
6980.14	-32.47	12.33	21.13	-41.27	-13.00	-28.27	H
3489.87	-35.58	12.90	12.56	-35.24	-13.00	-22.24	V
5235.14	-34.44	13.10	16.32	-37.66	-13.00	-24.66	V
6980.14	-32.84	12.33	21.13	-41.64	-13.00	-28.64	V
LTE Band 66 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3545.13	-33.55	12.90	12.56	-33.21	-13.00	-20.21	H
5332.27	-34.43	13.10	16.32	-37.65	-13.00	-24.65	H
7089.78	-32.70	12.33	21.13	-41.50	-13.00	-28.50	H
3545.13	-35.39	12.90	12.56	-35.05	-13.00	-22.05	V
5332.27	-34.38	13.10	16.32	-37.60	-13.00	-24.60	V
7089.78	-31.83	12.33	21.13	-40.63	-13.00	-27.63	V



LTE Band 66 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3440.19	-34.82	12.90	12.56	-34.48	-13.00	-21.48	H
5159.88	-34.89	13.10	16.32	-38.11	-13.00	-25.11	H
6879.91	-33.32	12.33	21.13	-42.12	-13.00	-29.12	H
3440.19	-34.52	12.90	12.56	-34.18	-13.00	-21.18	V
5159.88	-34.79	13.10	16.32	-38.01	-13.00	-25.01	V
6879.91	-32.28	12.33	21.13	-41.08	-13.00	-28.08	V
LTE Band 66 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3490.22	-34.91	12.90	12.56	-34.57	-13.00	-21.57	H
5235.14	-35.16	13.10	16.32	-38.38	-13.00	-25.38	H
6979.81	-32.96	12.33	21.13	-41.76	-13.00	-28.76	H
3490.22	-34.91	12.90	12.56	-34.57	-13.00	-21.57	V
5235.14	-35.17	13.10	16.32	-38.39	-13.00	-25.39	V
6979.81	-33.20	12.33	21.13	-42.00	-13.00	-29.00	V
LTE Band 66 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3540.02	-33.90	12.90	12.56	-33.56	-13.00	-20.56	H
5309.85	-34.96	13.10	16.32	-38.18	-13.00	-25.18	H
7080.73	-32.94	12.33	21.13	-41.74	-13.00	-28.74	H
3540.02	-35.86	12.90	12.56	-35.52	-13.00	-22.52	V
5309.85	-35.09	13.10	16.32	-38.31	-13.00	-25.31	V
7080.73	-32.27	12.33	21.13	-41.07	-13.00	-28.07	V

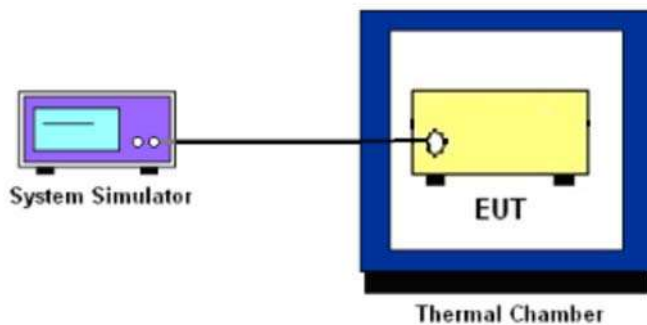
10. FREQUENCY STABILITY

10.1 DESCRIPTION OF FREQUENCY STABILITY MEASUREMENT

10.1.1 MEASUREMENT METHOD

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

10.1.2 TEST SETUP



10.1.3 TEST PROCEDURES FOR TEMPERATURE VARIATION

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

10.1.4 TEST PROCEDURES FOR VOLTAGE VARIATION

1. The testing follows FCC KDB 971168 D01v01r03 Section 9.
2. The EUT was placed in a temperature chamber at $25 \pm 5^{\circ}\text{C}$ and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
4. The variation in frequency was measured for the worst case.



10.1.5 TEST RESULTS

LTE Band 2 (QPSK) / 1880MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	19.28	0.010	2.5ppm	PASS
40		35.96	0.019		
30		31.04	0.017		
20		30.07	0.016		
10		30.83	0.016		
0		24.22	0.013		
-10		27.52	0.015		
-20		25.30	0.013		
-30		23.92	0.013		
25	Maximum Voltage	21.72	0.012		
25	BEP	18.84	0.010		

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.88	0.007	2.5ppm	PASS
40		33.89	0.018		
30		19.98	0.011		
20		13.07	0.007		
10		17.78	0.009		
0		21.88	0.012		
-10		34.37	0.018		
-20		25.24	0.013		
-30		23.01	0.012		
25	Maximum Voltage	16.09	0.009		
25	BEP	25.69	0.014		



LTE Band 4 (QPSK) / 1733MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	27.66	0.016	2.5ppm	PASS
40		27.95	0.016		
30		33.85	0.020		
20		20.91	0.012		
10		16.99	0.010		
0		16.98	0.010		
-10		32.31	0.019		
-20		33.59	0.019		
-30		12.13	0.007		
25	Maximum Voltage	29.94	0.017		
25	BEP	24.84	0.014		

LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.42	0.019	2.5ppm	PASS
40		13.56	0.008		
30		36.42	0.021		
20		36.12	0.021		
10		35.84	0.021		
0		22.81	0.013		
-10		30.60	0.018		
-20		33.32	0.019		
-30		22.82	0.013		
25	Maximum Voltage	32.56	0.019		
25	BEP	29.26	0.017		



LTE Band 5 (QPSK) / 836.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	32.13	0.045	2.5ppm	PASS
40		13.83	0.019		
30		26.71	0.038		
20		29.59	0.042		
10		36.05	0.051		
0		26.92	0.038		
-10		35.22	0.005		
-20		29.74	0.042		
-30		20.49	0.029		
25	Maximum Voltage	26.34	0.037		
25	BEP	22.70	0.032		

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.21	0.047	2.5ppm	PASS
40		17.07	0.024		
30		35.02	0.049		
20		21.37	0.030		
10		26.46	0.037		
0		17.81	0.025		
-10		22.87	0.003		
-20		26.16	0.037		
-30		20.95	0.030		
25	Maximum Voltage	13.12	0.018		
25	BEP	25.38	0.036		



LTE Band 12 (QPSK) / 707.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	14.58	0.021	2.5ppm	PASS
40		28.88	0.041		
30		34.36	0.048		
20		26.43	0.037		
10		12.97	0.018		
0		35.03	0.049		
-10		18.22	0.003		
-20		30.66	0.043		
-30		32.21	0.045		
25	Maximum Voltage	25.76	0.036		
25	BEP	16.43	0.023		

LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	27.34	0.039	2.5ppm	PASS
40		32.76	0.046		
30		20.06	0.028		
20		26.68	0.038		
10		18.22	0.026		
0		34.46	0.049		
-10		36.24	0.005		
-20		21.32	0.030		
-30		28.67	0.040		
25	Maximum Voltage	22.44	0.032		
25	BEP	30.17	0.042		



LTE Band 13 (QPSK) / 782MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	16.25	0.023	2.5ppm	PASS
40		30.19	0.043		
30		11.82	0.017		
20		19.07	0.027		
10		32.98	0.046		
0		19.99	0.028		
-10		17.15	0.002		
-20		20.68	0.029		
-30		16.05	0.023		
25	Maximum Voltage	33.12	0.047		
25	BEP	29.37	0.041		

LTE Band 13 (QPSK) / 782MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	29.43	0.041	2.5ppm	PASS
40		29.71	0.042		
30		14.08	0.020		
20		23.18	0.033		
10		21.81	0.031		
0		35.58	0.050		
-10		26.84	0.004		
-20		28.57	0.040		
-30		27.45	0.039		
25	Maximum Voltage	30.63	0.043		
25	BEP	12.48	0.018		



LTE Band 25 (QPSK) / 1880MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	29.45	0.016	2.5ppm	PASS
40		13.34	0.007		
30		12.45	0.007		
20		21.77	0.012		
10		14.08	0.007		
0		20.30	0.011		
-10		33.04	0.018		
-20		35.72	0.019		
-30		26.32	0.014		
25	Maximum Voltage	23.97	0.013		
25	BEP	20.04	0.011		

LTE Band 25 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	24.54	0.013	2.5ppm	PASS
40		29.54	0.016		
30		22.61	0.012		
20		14.06	0.007		
10		22.79	0.012		
0		30.60	0.016		
-10		17.54	0.009		
-20		36.21	0.019		
-30		12.64	0.007		
25	Maximum Voltage	17.85	0.009		
25	BEP	14.13	0.008		



LTE Band 26(Part 22) (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	24.23	0.014	2.5ppm	PASS
40		27.02	0.016		
30		21.85	0.013		
20		25.84	0.015		
10		25.17	0.015		
0		18.79	0.011		
-10		21.37	0.012		
-20		11.97	0.007		
-30		26.64	0.015		
25	Maximum Voltage	28.94	0.017		
25	BEP	26.39	0.015		

LTE Band 26(Part 22) (QPSK) / 836.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	36.20	0.021	2.5ppm	PASS
40		36.49	0.021		
30		19.01	0.011		
20		18.59	0.011		
10		29.99	0.017		
0		32.27	0.019		
-10		13.76	0.008		
-20		18.59	0.011		
-30		18.86	0.011		
25	Maximum Voltage	24.91	0.014		
25	BEP	13.93	0.008		



LTE Band 26(Part 90) (QPSK) / 819MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.93	0.018	2.5ppm	PASS
40		36.05	0.021		
30		19.19	0.011		
20		13.94	0.008		
10		31.40	0.018		
0		30.05	0.017		
-10		13.45	0.008		
-20		11.62	0.007		
-30		31.71	0.018		
25	Maximum Voltage	28.70	0.017		
25	BEP	33.29	0.019		

LTE Band 26(Part 90) (QPSK) / 819MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	14.20	0.008	2.5ppm	PASS
40		12.16	0.007		
30		13.44	0.008		
20		23.10	0.013		
10		34.03	0.020		
0		29.96	0.017		
-10		19.13	0.011		
-20		16.68	0.010		
-30		27.21	0.016		
25	Maximum Voltage	14.32	0.008		
25	BEP	28.89	0.017		



LTE Band 41 (QPSK) / 2593MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.93	0.005	2.5ppm	PASS
40		13.77	0.005		
30		29.65	0.012		
20		12.31	0.005		
10		22.86	0.009		
0		33.19	0.013		
-10		30.78	0.012		
-20		31.58	0.012		
-30		23.25	0.009		
25	Maximum Voltage	32.73	0.013		
25	BEP	32.68	0.013		

LTE Band 41 (QPSK) / 2593MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	19.70	0.008	2.5ppm	PASS
40		34.11	0.013		
30		29.51	0.012		
20		22.92	0.009		
10		26.71	0.011		
0		21.42	0.008		
-10		27.05	0.011		
-20		20.72	0.008		
-30		19.88	0.008		
25	Maximum Voltage	13.54	0.005		
25	BEP	25.63	0.010		



LTE Band 66 (QPSK) / 1745MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	11.94	0.007	2.5ppm	PASS
40		18.73	0.011		
30		26.66	0.015		
20		21.20	0.012		
10		29.38	0.017		
0		14.71	0.008		
-10		14.67	0.008		
-20		27.24	0.016		
-30		12.65	0.007		
25	Maximum Voltage	33.57	0.019		
25	BEP	20.14	0.012		

LTE Band 66 (QPSK) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.77	0.012	2.5ppm	PASS
40		28.72	0.017		
30		34.18	0.020		
20		29.35	0.017		
10		31.11	0.018		
0		35.27	0.020		
-10		24.82	0.014		
-20		21.33	0.012		
-30		35.84	0.021		
25	Maximum Voltage	20.91	0.012		
25	BEP	15.31	0.009		



APPENDIX-PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

※※※※※END OF THE REPORT※※※※※

