



8.1.4 TEST RESULTS

LTE Band 2 / 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
3701.31	-34.51	12.60	12.93	-34.84	-13.00	-21.84	H
5551.86	-35.04	13.10	17.11	-39.05	-13.00	-26.05	H
7402.80	-32.41	11.50	22.20	-43.11	-13.00	-30.11	H
3701.31	-34.82	12.60	12.93	-35.15	-13.00	-22.15	V
5551.86	-34.14	13.10	17.11	-38.15	-13.00	-25.15	V
7402.80	-33.06	11.50	22.20	-43.76	-13.00	-30.76	V
LTE Band 2 / 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
3760.25	-34.78	12.60	12.93	-35.11	-13.00	-22.11	H
5639.88	-35.14	13.10	17.11	-39.15	-13.00	-26.15	H
7520.29	-33.54	11.50	22.20	-44.24	-13.00	-31.24	H
3760.25	-35.58	12.60	12.93	-35.91	-13.00	-22.91	V
5639.88	-34.72	13.10	17.11	-38.73	-13.00	-25.73	V
7520.29	-33.13	11.50	22.20	-43.83	-13.00	-30.83	V
LTE Band 2 / 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
3818.19	-33.58	12.60	12.93	-33.91	-13.00	-20.91	H
5727.58	-34.72	13.10	17.11	-38.73	-13.00	-25.73	H
7636.85	-32.85	11.50	22.20	-43.55	-13.00	-30.55	H
3818.19	-35.99	12.60	12.93	-36.32	-13.00	-23.32	V
5727.58	-33.77	13.10	17.11	-37.78	-13.00	-24.78	V
7636.85	-32.01	11.50	22.20	-42.71	-13.00	-29.71	V



LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3703.25	-34.51	12.60	12.93	-34.84	-13.00	-21.84	H
5554.53	-34.02	13.10	17.11	-38.03	-13.00	-25.03	H
7406.08	-33.09	11.50	22.20	-43.79	-13.00	-30.79	H
3703.25	-35.52	12.60	12.93	-35.85	-13.00	-22.85	V
5554.53	-34.19	13.10	17.11	-38.20	-13.00	-25.20	V
7406.08	-32.43	11.50	22.20	-43.13	-13.00	-30.13	V
LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3760.20	-34.90	12.60	12.93	-35.23	-13.00	-22.23	H
5639.96	-35.44	13.10	17.11	-39.45	-13.00	-26.45	H
7519.88	-32.89	11.50	22.20	-43.59	-13.00	-30.59	H
3760.20	-35.30	12.60	12.93	-35.63	-13.00	-22.63	V
5639.96	-34.60	13.10	17.11	-38.61	-13.00	-25.61	V
7519.88	-32.29	11.50	22.20	-42.99	-13.00	-29.99	V
LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3817.27	-34.26	12.60	12.93	-34.59	-13.00	-21.59	H
5725.50	-34.89	13.10	17.11	-38.90	-13.00	-25.90	H
7634.22	-33.02	11.50	22.20	-43.72	-13.00	-30.72	H
3817.27	-34.70	12.60	12.93	-35.03	-13.00	-22.03	V
5725.50	-34.72	13.10	17.11	-38.73	-13.00	-25.73	V
7634.22	-33.03	11.50	22.20	-43.73	-13.00	-30.73	V



LTE Band 2 / 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
3705.25	-34.91	12.60	12.93	-35.24	-13.00	-22.24	H
5557.23	-35.19	13.10	17.11	-39.20	-13.00	-26.20	H
7409.98	-32.49	11.50	22.20	-43.19	-13.00	-30.19	H
3705.25	-34.62	12.60	12.93	-34.95	-13.00	-21.95	V
5557.23	-34.19	13.10	17.11	-38.20	-13.00	-25.20	V
7409.98	-32.14	11.50	22.20	-42.84	-13.00	-29.84	V
LTE Band 2 / 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
3760.14	-33.47	12.60	12.93	-33.80	-13.00	-20.80	H
5639.97	-34.72	13.10	17.11	-38.73	-13.00	-25.73	H
7520.24	-32.58	11.50	22.20	-43.28	-13.00	-30.28	H
3760.14	-35.48	12.60	12.93	-35.81	-13.00	-22.81	V
5639.97	-34.75	13.10	17.11	-38.76	-13.00	-25.76	V
7520.24	-31.82	11.50	22.20	-42.52	-13.00	-29.52	V
LTE Band 2 / 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
3815.01	-34.64	12.60	12.93	-34.97	-13.00	-21.97	H
5722.46	-35.37	13.10	17.11	-39.38	-13.00	-26.38	H
7629.86	-32.63	11.50	22.20	-43.33	-13.00	-30.33	H
3815.01	-35.41	12.60	12.93	-35.74	-13.00	-22.74	V
5722.46	-35.06	13.10	17.11	-39.07	-13.00	-26.07	V
7629.86	-31.92	11.50	22.20	-42.62	-13.00	-29.62	V



LTE Band 2 / 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
3710.34	-34.02	12.60	12.93	-34.35	-13.00	-21.35	H
5565.47	-35.17	13.10	17.11	-39.18	-13.00	-26.18	H
7420.00	-32.96	11.50	22.20	-43.66	-13.00	-30.66	H
3710.34	-35.14	12.60	12.93	-35.47	-13.00	-22.47	V
5565.47	-33.86	13.10	17.11	-37.87	-13.00	-24.87	V
7420.00	-31.95	11.50	22.20	-42.65	-13.00	-29.65	V
LTE Band 2 / 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
3760.06	-33.58	12.60	12.93	-33.91	-13.00	-20.91	H
5640.13	-34.42	13.10	17.11	-38.43	-13.00	-25.43	H
7519.90	-32.85	11.50	22.20	-43.55	-13.00	-30.55	H
3760.06	-34.99	12.60	12.93	-35.32	-13.00	-22.32	V
5640.13	-34.98	13.10	17.11	-38.99	-13.00	-25.99	V
7519.90	-32.10	11.50	22.20	-42.80	-13.00	-29.80	V
LTE Band 2 / 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
3810.19	-34.80	12.60	12.93	-35.13	-13.00	-22.13	H
5715.04	-34.85	13.10	17.11	-38.86	-13.00	-25.86	H
7620.28	-33.42	11.50	22.20	-44.12	-13.00	-31.12	H
3810.19	-34.94	12.60	12.93	-35.27	-13.00	-22.27	V
5715.04	-34.55	13.10	17.11	-38.56	-13.00	-25.56	V
7620.28	-32.03	11.50	22.20	-42.73	-13.00	-29.73	V



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3715.06	-34.64	12.60	12.93	-34.97	-13.00	-21.97	H
5572.19	-35.21	13.10	17.11	-39.22	-13.00	-26.22	H
7430.47	-32.87	11.50	22.20	-43.57	-13.00	-30.57	H
3715.06	-35.60	12.60	12.93	-35.93	-13.00	-22.93	V
5572.19	-34.16	13.10	17.11	-38.17	-13.00	-25.17	V
7430.47	-32.82	11.50	22.20	-43.52	-13.00	-30.52	V
LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3759.83	-34.21	12.60	12.93	-34.54	-13.00	-21.54	H
5640.14	-34.04	13.10	17.11	-38.05	-13.00	-25.05	H
7520.08	-33.50	11.50	22.20	-44.20	-13.00	-31.20	H
3759.83	-35.20	12.60	12.93	-35.53	-13.00	-22.53	V
5640.14	-34.09	13.10	17.11	-38.10	-13.00	-25.10	V
7520.08	-32.29	11.50	22.20	-42.99	-13.00	-29.99	V
LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3804.91	-33.75	12.60	12.93	-34.08	-13.00	-21.08	H
5707.63	-35.24	13.10	17.11	-39.25	-13.00	-26.25	H
7609.96	-33.07	11.50	22.20	-43.77	-13.00	-30.77	H
3804.91	-35.51	12.60	12.93	-35.84	-13.00	-22.84	V
5707.63	-34.16	13.10	17.11	-38.17	-13.00	-25.17	V
7609.96	-31.78	11.50	22.20	-42.48	-13.00	-29.48	V



LTE Band 2 / 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
3720.39	-33.70	12.60	12.93	-34.03	-13.00	-21.03	H
5580.58	-35.05	13.10	17.11	-39.06	-13.00	-26.06	H
7439.99	-33.38	11.50	22.20	-44.08	-13.00	-31.08	H
3720.39	-35.00	12.60	12.93	-35.33	-13.00	-22.33	V
5580.58	-34.63	13.10	17.11	-38.64	-13.00	-25.64	V
7439.99	-32.39	11.50	22.20	-43.09	-13.00	-30.09	V
LTE Band 2 / 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
3760.25	-34.10	12.60	12.93	-34.43	-13.00	-21.43	H
5639.97	-34.02	13.10	17.11	-38.03	-13.00	-25.03	H
7520.28	-32.98	11.50	22.20	-43.68	-13.00	-30.68	H
3760.25	-35.08	12.60	12.93	-35.41	-13.00	-22.41	V
5639.97	-35.01	13.10	17.11	-39.02	-13.00	-26.02	V
7520.28	-32.07	11.50	22.20	-42.77	-13.00	-29.77	V
LTE Band 2 / 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
3800.06	-34.11	12.60	12.93	-34.44	-13.00	-21.44	H
5699.98	-34.01	13.10	17.11	-38.02	-13.00	-25.02	H
7600.05	-32.61	11.50	22.20	-43.31	-13.00	-30.31	H
3800.06	-34.65	12.60	12.93	-34.98	-13.00	-21.98	V
5699.98	-34.74	13.10	17.11	-38.75	-13.00	-25.75	V
7600.05	-31.81	11.50	22.20	-42.51	-13.00	-29.51	V



LTE Band 4 / 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
3421.30	-34.64	12.90	12.56	-34.30	-13.00	-21.30	H
5131.93	-34.52	13.10	16.32	-37.74	-13.00	-24.74	H
6842.49	-32.26	12.33	21.13	-41.06	-13.00	-28.06	H
3421.30	-34.78	12.90	12.56	-34.44	-13.00	-21.44	V
5131.93	-33.76	13.10	16.32	-36.98	-13.00	-23.98	V
6842.49	-32.20	12.33	21.13	-41.00	-13.00	-28.00	V
LTE Band 4 / 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
3465.00	-34.63	12.90	12.56	-34.29	-13.00	-21.29	H
5197.03	-35.06	13.10	16.32	-38.28	-13.00	-25.28	H
6929.99	-33.20	12.33	21.13	-42.00	-13.00	-29.00	H
3465.00	-34.87	12.90	12.56	-34.53	-13.00	-21.53	V
5197.03	-34.05	13.10	16.32	-37.27	-13.00	-24.27	V
6929.99	-32.12	12.33	21.13	-40.92	-13.00	-27.92	V
LTE Band 4 / 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
3508.24	-33.79	12.90	12.56	-33.45	-13.00	-20.45	H
5262.24	-34.02	13.10	16.32	-37.24	-13.00	-24.24	H
7015.72	-32.90	12.33	21.13	-41.70	-13.00	-28.70	H
3508.24	-35.82	12.90	12.56	-35.48	-13.00	-22.48	V
5262.24	-33.92	13.10	16.32	-37.14	-13.00	-24.14	V
7015.72	-32.69	12.33	21.13	-41.49	-13.00	-28.49	V



LTE Band 4 / 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
3423.82	-34.59	12.90	12.56	-34.25	-13.00	-21.25	H
5135.97	-34.01	13.10	16.32	-37.23	-13.00	-24.23	H
6848.84	-33.34	12.33	21.13	-42.14	-13.00	-29.14	H
3423.82	-35.90	12.90	12.56	-35.56	-13.00	-22.56	V
5135.97	-33.90	13.10	16.32	-37.12	-13.00	-24.12	V
6848.84	-32.54	12.33	21.13	-41.34	-13.00	-28.34	V
LTE Band 4 / 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
3464.66	-34.60	12.90	12.56	-34.26	-13.00	-21.26	H
5196.84	-34.49	13.10	16.32	-37.71	-13.00	-24.71	H
6930.18	-33.44	12.33	21.13	-42.24	-13.00	-29.24	H
3464.66	-35.19	12.90	12.56	-34.85	-13.00	-21.85	V
5196.84	-33.97	13.10	16.32	-37.19	-13.00	-24.19	V
6930.18	-32.13	12.33	21.13	-40.93	-13.00	-27.93	V
LTE Band 4 / 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
3506.21	-34.87	12.90	12.56	-34.53	-13.00	-21.53	H
5261.65	-34.64	13.10	16.32	-37.86	-13.00	-24.86	H
7012.72	-33.27	12.33	21.13	-42.07	-13.00	-29.07	H
3506.21	-36.02	12.90	12.56	-35.68	-13.00	-22.68	V
5261.65	-34.64	13.10	16.32	-37.86	-13.00	-24.86	V
7012.72	-32.99	12.33	21.13	-41.79	-13.00	-28.79	V



LTE Band 4 / 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
3424.93	-33.85	12.90	12.56	-33.51	-13.00	-20.51	H
5136.81	-35.47	13.10	16.32	-38.69	-13.00	-25.69	H
6849.79	-33.15	12.33	21.13	-41.95	-13.00	-28.95	H
3424.93	-35.67	12.90	12.56	-35.33	-13.00	-22.33	V
5136.81	-34.46	13.10	16.32	-37.68	-13.00	-24.68	V
6849.79	-32.59	12.33	21.13	-41.39	-13.00	-28.39	V
LTE Band 4 / 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
3464.76	-34.93	12.90	12.56	-34.59	-13.00	-21.59	H
5197.00	-35.05	13.10	16.32	-38.27	-13.00	-25.27	H
6929.90	-32.75	12.33	21.13	-41.55	-13.00	-28.55	H
3464.76	-34.98	12.90	12.56	-34.64	-13.00	-21.64	V
5197.00	-34.93	13.10	16.32	-38.15	-13.00	-25.15	V
6929.90	-32.19	12.33	21.13	-40.99	-13.00	-27.99	V
LTE Band 4 / 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
3505.35	-33.71	12.90	12.56	-33.37	-13.00	-20.37	H
5256.94	-35.28	13.10	16.32	-38.50	-13.00	-25.50	H
7009.87	-32.56	12.33	21.13	-41.36	-13.00	-28.36	H
3505.35	-35.00	12.90	12.56	-34.66	-13.00	-21.66	V
5256.94	-33.89	13.10	16.32	-37.11	-13.00	-24.11	V
7009.87	-32.72	12.33	21.13	-41.52	-13.00	-28.52	V



LTE Band 4 / 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
3429.76	-33.63	12.90	12.56	-33.29	-13.00	-20.29	H
5145.39	-34.76	13.10	16.32	-37.98	-13.00	-24.98	H
6860.21	-32.24	12.33	21.13	-41.04	-13.00	-28.04	H
3429.76	-35.71	12.90	12.56	-35.37	-13.00	-22.37	V
5145.39	-35.04	13.10	16.32	-38.26	-13.00	-25.26	V
6860.21	-32.81	12.33	21.13	-41.61	-13.00	-28.61	V
LTE Band 4 / 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
3464.35	-34.83	12.90	12.56	-34.49	-13.00	-21.49	H
5196.48	-34.59	13.10	16.32	-37.81	-13.00	-24.81	H
6929.39	-33.18	12.33	21.13	-41.98	-13.00	-28.98	H
3464.35	-35.39	12.90	12.56	-35.05	-13.00	-22.05	V
5196.48	-35.13	13.10	16.32	-38.35	-13.00	-25.35	V
6929.39	-31.96	12.33	21.13	-40.76	-13.00	-27.76	V
LTE Band 4 / 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
3500.34	-33.74	12.90	12.56	-33.40	-13.00	-20.40	H
5250.27	-35.36	13.10	16.32	-38.58	-13.00	-25.58	H
6999.69	-32.69	12.33	21.13	-41.49	-13.00	-28.49	H
3500.34	-35.00	12.90	12.56	-34.66	-13.00	-21.66	V
5250.27	-34.96	13.10	16.32	-38.18	-13.00	-25.18	V
6999.69	-32.46	12.33	21.13	-41.26	-13.00	-28.26	V



LTE Band 4 / 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
3434.70	-33.77	12.90	12.56	-33.43	-13.00	-20.43	H
5152.43	-35.11	13.10	16.32	-38.33	-13.00	-25.33	H
6870.72	-32.36	12.33	21.13	-41.16	-13.00	-28.16	H
3434.70	-35.70	12.90	12.56	-35.36	-13.00	-22.36	V
5152.43	-34.30	13.10	16.32	-37.52	-13.00	-24.52	V
6870.72	-32.49	12.33	21.13	-41.29	-13.00	-28.29	V
LTE Band 4 / 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
3464.90	-34.38	12.90	12.56	-34.04	-13.00	-21.04	H
5196.57	-34.17	13.10	16.32	-37.39	-13.00	-24.39	H
6929.92	-32.35	12.33	21.13	-41.15	-13.00	-28.15	H
3464.90	-34.77	12.90	12.56	-34.43	-13.00	-21.43	V
5196.57	-35.11	13.10	16.32	-38.33	-13.00	-25.33	V
6929.92	-33.20	12.33	21.13	-42.00	-13.00	-29.00	V
LTE Band 4 / 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
3495.29	-34.48	12.90	12.56	-34.14	-13.00	-21.14	H
5242.20	-35.09	13.10	16.32	-38.31	-13.00	-25.31	H
6990.04	-33.29	12.33	21.13	-42.09	-13.00	-29.09	H
3495.29	-34.65	12.90	12.56	-34.31	-13.00	-21.31	V
5242.20	-34.62	13.10	16.32	-37.84	-13.00	-24.84	V
6990.04	-32.72	12.33	21.13	-41.52	-13.00	-28.52	V



LTE Band 4 / 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
3440.05	-34.24	12.90	12.56	-33.90	-13.00	-20.90	H
5160.25	-35.15	13.10	16.32	-38.37	-13.00	-25.37	H
6880.61	-32.49	12.33	21.13	-41.29	-13.00	-28.29	H
3440.05	-34.87	12.90	12.56	-34.53	-13.00	-21.53	V
5160.25	-34.91	13.10	16.32	-38.13	-13.00	-25.13	V
6880.61	-32.10	12.33	21.13	-40.90	-13.00	-27.90	V
LTE Band 4 / 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
3465.02	-34.13	12.90	12.56	-33.79	-13.00	-20.79	H
5196.62	-34.39	13.10	16.32	-37.61	-13.00	-24.61	H
6929.69	-33.29	12.33	21.13	-42.09	-13.00	-29.09	H
3465.02	-35.33	12.90	12.56	-34.99	-13.00	-21.99	V
5196.62	-34.29	13.10	16.32	-37.51	-13.00	-24.51	V
6929.69	-32.62	12.33	21.13	-41.42	-13.00	-28.42	V
LTE Band 4 / 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
3490.62	-33.75	12.90	12.56	-33.41	-13.00	-20.41	H
5235.14	-34.22	13.10	16.32	-37.44	-13.00	-24.44	H
6979.50	-32.77	12.33	21.13	-41.57	-13.00	-28.57	H
3490.62	-34.79	12.90	12.56	-34.45	-13.00	-21.45	V
5235.14	-35.20	13.10	16.32	-38.42	-13.00	-25.42	V
6979.50	-33.11	12.33	21.13	-41.91	-13.00	-28.91	V



LTE Band 5 / 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
1648.83	-34.91	9.56	9.72	-35.07	-13.00	-22.07	H
2473.77	-35.36	10.50	10.86	-35.72	-13.00	-22.72	H
3298.33	-33.06	12.78	11.57	-31.85	-13.00	-18.85	H
1648.83	-35.41	9.56	9.72	-35.57	-13.00	-22.57	V
2473.77	-33.88	10.50	10.86	-34.24	-13.00	-21.24	V
3298.33	-32.94	12.78	11.57	-31.73	-13.00	-18.73	V
LTE Band 5 / 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
1672.56	-34.08	9.56	9.72	-34.24	-13.00	-21.24	H
2508.97	-34.55	10.50	10.86	-34.91	-13.00	-21.91	H
3345.55	-33.11	12.78	11.57	-31.90	-13.00	-18.90	H
1672.56	-35.66	9.56	9.72	-35.82	-13.00	-22.82	V
2508.97	-34.61	10.50	10.86	-34.97	-13.00	-21.97	V
3345.55	-32.35	12.78	11.57	-31.14	-13.00	-18.14	V
LTE Band 5 / 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
1696.23	-34.56	9.56	9.72	-34.72	-13.00	-21.72	H
2544.37	-35.19	10.50	10.86	-35.55	-13.00	-22.55	H
3393.12	-32.75	12.78	11.57	-31.54	-13.00	-18.54	H
1696.23	-35.18	9.56	9.72	-35.34	-13.00	-22.34	V
2544.37	-34.65	10.50	10.86	-35.01	-13.00	-22.01	V
3393.12	-33.02	12.78	11.57	-31.81	-13.00	-18.81	V



LTE Band 5 / 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
1650.05	-34.18	9.56	9.72	-34.34	-13.00	-21.34	H
2476.09	-34.12	10.50	10.86	-34.48	-13.00	-21.48	H
3301.70	-32.81	12.78	11.57	-31.60	-13.00	-18.60	H
1650.05	-35.21	9.56	9.72	-35.37	-13.00	-22.37	V
2476.09	-34.58	10.50	10.86	-34.94	-13.00	-21.94	V
3301.70	-32.88	12.78	11.57	-31.67	-13.00	-18.67	V
LTE Band 5 / 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
1672.22	-34.45	9.56	9.72	-34.61	-13.00	-21.61	H
2509.07	-34.40	10.50	10.86	-34.76	-13.00	-21.76	H
3345.90	-32.78	12.78	11.57	-31.57	-13.00	-18.57	H
1672.22	-35.19	9.56	9.72	-35.35	-13.00	-22.35	V
2509.07	-34.93	10.50	10.86	-35.29	-13.00	-22.29	V
3345.90	-32.67	12.78	11.57	-31.46	-13.00	-18.46	V
LTE Band 5 / 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
1694.51	-34.00	9.56	9.72	-34.16	-13.00	-21.16	H
2541.96	-34.14	10.50	10.86	-34.50	-13.00	-21.50	H
3389.33	-33.37	12.78	11.57	-32.16	-13.00	-19.16	H
1694.51	-34.80	9.56	9.72	-34.96	-13.00	-21.96	V
2541.96	-35.09	10.50	10.86	-35.45	-13.00	-22.45	V
3389.33	-32.51	12.78	11.57	-31.30	-13.00	-18.30	V



LTE Band 5 / 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
1652.46	-33.82	9.56	9.72	-33.98	-13.00	-20.98	H
2478.94	-34.62	10.50	10.86	-34.98	-13.00	-21.98	H
3305.77	-33.02	12.78	11.57	-31.81	-13.00	-18.81	H
1652.46	-34.56	9.56	9.72	-34.72	-13.00	-21.72	V
2478.94	-33.95	10.50	10.86	-34.31	-13.00	-21.31	V
3305.77	-32.83	12.78	11.57	-31.62	-13.00	-18.62	V
LTE Band 5 / 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
1672.16	-33.62	9.56	9.72	-33.78	-13.00	-20.78	H
2508.55	-35.48	10.50	10.86	-35.84	-13.00	-22.84	H
3345.62	-33.15	12.78	11.57	-31.94	-13.00	-18.94	H
1672.16	-34.83	9.56	9.72	-34.99	-13.00	-21.99	V
2508.55	-34.69	10.50	10.86	-35.05	-13.00	-22.05	V
3345.62	-32.52	12.78	11.57	-31.31	-13.00	-18.31	V
LTE Band 5 / 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
1692.47	-34.40	9.56	9.72	-34.56	-13.00	-21.56	H
2538.91	-34.99	10.50	10.86	-35.35	-13.00	-22.35	H
3385.90	-33.19	12.78	11.57	-31.98	-13.00	-18.98	H
1692.47	-34.84	9.56	9.72	-35.00	-13.00	-22.00	V
2538.91	-33.76	10.50	10.86	-34.12	-13.00	-21.12	V
3385.90	-33.04	12.78	11.57	-31.83	-13.00	-18.83	V



LTE Band 5 / 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
1657.86	-33.95	9.56	9.72	-34.11	-13.00	-21.11	H
2486.35	-35.41	10.50	10.86	-35.77	-13.00	-22.77	H
3315.46	-33.45	12.78	11.57	-32.24	-13.00	-19.24	H
1657.86	-35.82	9.56	9.72	-35.98	-13.00	-22.98	V
2486.35	-35.19	10.50	10.86	-35.55	-13.00	-22.55	V
3315.46	-32.76	12.78	11.57	-31.55	-13.00	-18.55	V
LTE Band 5 / 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
1672.40	-33.92	9.56	9.72	-34.08	-13.00	-21.08	H
2508.70	-35.29	10.50	10.86	-35.65	-13.00	-22.65	H
3345.19	-33.32	12.78	11.57	-32.11	-13.00	-19.11	H
1672.40	-35.03	9.56	9.72	-35.19	-13.00	-22.19	V
2508.70	-33.98	10.50	10.86	-34.34	-13.00	-21.34	V
3345.19	-31.80	12.78	11.57	-30.59	-13.00	-17.59	V
LTE Band 5 / 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
1687.50	-34.26	9.56	9.72	-34.42	-13.00	-21.42	H
2531.25	-34.96	10.50	10.86	-35.32	-13.00	-22.32	H
3375.79	-32.51	12.78	11.57	-31.30	-13.00	-18.30	H
1687.50	-35.54	9.56	9.72	-35.70	-13.00	-22.70	V
2531.25	-34.98	10.50	10.86	-35.34	-13.00	-22.34	V
3375.79	-33.10	12.78	11.57	-31.89	-13.00	-18.89	V



LTE Band 7 / 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
5005.17	-34.40	12.66	15.86	-37.60	-25.00	-12.60	H
7507.56	-34.27	11.46	19.28	-42.09	-25.00	-17.09	H
10010.30	-33.09	12.79	23.19	-43.49	-25.00	-18.49	H
5005.17	-34.94	12.66	15.86	-38.14	-25.00	-13.14	V
7507.56	-33.83	11.46	19.28	-41.65	-25.00	-16.65	V
10010.30	-31.92	12.79	23.19	-42.32	-25.00	-17.32	V
LTE Band 7 / 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
5070.05	-34.05	12.72	15.86	-37.19	-25.00	-12.19	H
7605.12	-33.99	11.46	19.28	-41.81	-25.00	-16.81	H
10139.77	-33.19	12.09	23.19	-44.29	-25.00	-19.29	H
5070.05	-35.61	12.72	15.86	-38.75	-25.00	-13.75	V
7605.12	-34.04	11.46	19.28	-41.86	-25.00	-16.86	V
10139.77	-32.42	12.09	23.19	-43.52	-25.00	-18.52	V
LTE Band 7 / 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
5133.62	-33.87	12.76	15.86	-36.97	-25.00	-11.97	H
7701.48	-34.02	11.45	19.28	-41.85	-25.00	-16.85	H
10268.44	-33.50	12.28	23.19	-44.41	-25.00	-19.41	H
5133.62	-34.70	12.76	15.86	-37.80	-25.00	-12.80	V
7701.48	-33.86	11.45	19.28	-41.69	-25.00	-16.69	V
10268.44	-32.35	12.28	23.19	-43.26	-25.00	-18.26	V



LTE Band 7 / 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
5010.27	-33.90	12.66	15.86	-37.10	-25.00	-12.10	H
7515.37	-34.11	11.46	19.28	-41.93	-25.00	-16.93	H
10020.67	-32.96	12.79	23.19	-43.36	-25.00	-18.36	H
5010.27	-34.76	12.66	15.86	-37.96	-25.00	-12.96	V
7515.37	-34.32	11.46	19.28	-42.14	-25.00	-17.14	V
10020.67	-32.77	12.79	23.19	-43.17	-25.00	-18.17	V
LTE Band 7 / 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
5070.06	-34.01	12.72	15.86	-37.15	-25.00	-12.15	H
7605.01	-35.43	11.46	19.28	-43.25	-25.00	-18.25	H
10139.86	-33.65	12.09	23.19	-44.75	-25.00	-19.75	H
5070.06	-35.03	12.72	15.86	-38.17	-25.00	-13.17	V
7605.01	-34.41	11.46	19.28	-42.23	-25.00	-17.23	V
10139.86	-32.29	12.09	23.19	-43.39	-25.00	-18.39	V
LTE Band 7 / 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
5129.07	-34.04	12.76	15.86	-37.14	-25.00	-12.14	H
7693.92	-35.06	11.45	19.28	-42.89	-25.00	-17.89	H
10258.89	-32.54	12.28	23.19	-43.45	-25.00	-18.45	H
5129.07	-35.59	12.76	15.86	-38.69	-25.00	-13.69	V
7693.92	-34.38	11.45	19.28	-42.21	-25.00	-17.21	V
10258.89	-32.88	12.28	23.19	-43.79	-25.00	-18.79	V



LTE Band 7 / 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
5015.50	-34.49	12.66	15.86	-37.69	-25.00	-12.69	H
7524.06	-34.92	11.46	19.28	-42.74	-25.00	-17.74	H
10031.96	-32.42	12.79	23.19	-42.82	-25.00	-17.82	H
5015.50	-34.59	12.66	15.86	-37.79	-25.00	-12.79	V
7524.06	-34.51	11.46	19.28	-42.33	-25.00	-17.33	V
10031.96	-32.45	12.79	23.19	-42.85	-25.00	-17.85	V
LTE Band 7 / 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
5070.02	-33.66	12.72	15.86	-36.80	-25.00	-11.80	H
7604.80	-34.45	11.46	19.28	-42.27	-25.00	-17.27	H
10139.70	-33.33	12.09	23.19	-44.43	-25.00	-19.43	H
5070.02	-35.58	12.72	15.86	-38.72	-25.00	-13.72	V
7604.80	-34.64	11.46	19.28	-42.46	-25.00	-17.46	V
10139.70	-32.27	12.09	23.19	-43.37	-25.00	-18.37	V
LTE Band 7 / 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
5123.31	-34.77	12.76	15.86	-37.87	-25.00	-12.87	H
7523.73	-35.07	11.45	19.28	-42.90	-25.00	-17.90	H
10032.27	-33.09	12.28	23.19	-44.00	-25.00	-19.00	H
5123.31	-35.77	12.76	15.86	-38.87	-25.00	-13.87	V
7523.73	-34.16	11.45	19.28	-41.99	-25.00	-16.99	V
10032.27	-33.20	12.28	23.19	-44.11	-25.00	-19.11	V



LTE Band 7 / 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
5021.09	-34.92	12.66	15.86	-38.12	-25.00	-13.12	H
7530.92	-34.56	11.46	19.28	-42.38	-25.00	-17.38	H
10258.55	-32.53	12.79	23.19	-42.93	-25.00	-17.93	H
5021.09	-34.66	12.66	15.86	-37.86	-25.00	-12.86	V
7530.92	-34.98	11.46	19.28	-42.80	-25.00	-17.80	V
10258.55	-33.10	12.79	23.19	-43.50	-25.00	-18.50	V
LTE Band 7 / 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
5069.87	-33.65	12.72	15.86	-36.79	-25.00	-11.79	H
7605.08	-35.40	11.46	19.28	-43.22	-25.00	-18.22	H
10139.60	-32.76	12.09	23.19	-43.86	-25.00	-18.86	H
5069.87	-35.41	12.72	15.86	-38.55	-25.00	-13.55	V
7605.08	-35.24	11.46	19.28	-43.06	-25.00	-18.06	V
10139.60	-32.89	12.09	23.19	-43.99	-25.00	-18.99	V
LTE Band 7 / 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
5118.75	-33.49	12.76	15.86	-36.59	-25.00	-11.59	H
7678.08	-34.31	11.45	19.28	-42.14	-25.00	-17.14	H
10237.58	-32.71	12.28	23.19	-43.62	-25.00	-18.62	H
5118.75	-35.44	12.76	15.86	-38.54	-25.00	-13.54	V
7678.08	-35.18	11.45	19.28	-43.01	-25.00	-18.01	V
10237.58	-32.56	12.28	23.19	-43.47	-25.00	-18.47	V



LTE Band 12 / 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
1399.31	-34.02	8.17	9.34	-35.19	-13.00	-22.19	H
2098.78	-34.66	9.53	10.42	-35.55	-13.00	-22.55	H
2798.79	-33.19	11.27	11.12	-33.04	-13.00	-20.04	H
1399.31	-35.15	8.17	9.34	-36.32	-13.00	-23.32	V
2098.78	-34.30	9.53	10.42	-35.19	-13.00	-22.19	V
2798.79	-31.77	11.27	11.12	-31.62	-13.00	-18.62	V
LTE Band 12 / 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
1414.90	-34.68	8.17	9.34	-35.85	-13.00	-22.85	H
2122.28	-34.93	9.53	10.42	-35.82	-13.00	-22.82	H
2829.56	-33.61	11.27	11.12	-33.46	-13.00	-20.46	H
1414.90	-35.14	8.17	9.34	-36.31	-13.00	-23.31	V
2122.28	-34.79	9.53	10.42	-35.68	-13.00	-22.68	V
2829.56	-31.88	11.27	11.12	-31.73	-13.00	-18.73	V
LTE Band 12 / 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
1430.28	-34.10	8.17	9.34	-35.27	-13.00	-22.27	H
2145.86	-34.74	9.53	10.42	-35.63	-13.00	-22.63	H
2861.15	-33.50	11.27	11.12	-33.35	-13.00	-20.35	H
1430.28	-34.76	8.17	9.34	-35.93	-13.00	-22.93	V
2145.86	-34.28	9.53	10.42	-35.17	-13.00	-22.17	V
2861.15	-32.84	11.27	11.12	-32.69	-13.00	-19.69	V



LTE Band 12 / 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
1400.96	-33.74	8.17	9.34	-34.91	-13.00	-21.91	H
2101.11	-34.69	9.53	10.42	-35.58	-13.00	-22.58	H
2801.68	-32.52	11.27	11.12	-32.37	-13.00	-19.37	H
1400.96	-35.85	8.17	9.34	-37.02	-13.00	-24.02	V
2101.11	-33.98	9.53	10.42	-34.87	-13.00	-21.87	V
2801.68	-32.23	11.27	11.12	-32.08	-13.00	-19.08	V
LTE Band 12 / 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
1414.72	-34.53	8.17	9.34	-35.70	-13.00	-22.70	H
2122.29	-35.29	9.53	10.42	-36.18	-13.00	-23.18	H
2829.74	-32.85	11.27	11.12	-32.70	-13.00	-19.70	H
1414.72	-35.84	8.17	9.34	-37.01	-13.00	-24.01	V
2122.29	-34.59	9.53	10.42	-35.48	-13.00	-22.48	V
2829.74	-33.01	11.27	11.12	-32.86	-13.00	-19.86	V
LTE Band 12 / 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
1428.77	-34.45	8.17	9.34	-35.62	-13.00	-22.62	H
2143.11	-35.19	9.53	10.42	-36.08	-13.00	-23.08	H
2857.65	-32.26	11.27	11.12	-32.11	-13.00	-19.11	H
1428.77	-35.29	8.17	9.34	-36.46	-13.00	-23.46	V
2143.11	-34.98	9.53	10.42	-35.87	-13.00	-22.87	V
2857.65	-32.57	11.27	11.12	-32.42	-13.00	-19.42	V



LTE Band 12 / 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
1402.75	-34.36	8.17	9.34	-35.53	-13.00	-22.53	H
2104.41	-35.35	9.53	10.42	-36.24	-13.00	-23.24	H
2805.72	-33.03	11.27	11.12	-32.88	-13.00	-19.88	H
1402.75	-34.87	8.17	9.34	-36.04	-13.00	-23.04	V
2104.41	-33.77	9.53	10.42	-34.66	-13.00	-21.66	V
2805.72	-32.60	11.27	11.12	-32.45	-13.00	-19.45	V
LTE Band 12 / 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
1414.85	-33.55	8.17	9.34	-34.72	-13.00	-21.72	H
2122.47	-34.75	9.53	10.42	-35.64	-13.00	-22.64	H
2829.73	-32.21	11.27	11.12	-32.06	-13.00	-19.06	H
1414.85	-35.99	8.17	9.34	-37.16	-13.00	-24.16	V
2122.47	-34.87	9.53	10.42	-35.76	-13.00	-22.76	V
2829.73	-32.68	11.27	11.12	-32.53	-13.00	-19.53	V
LTE Band 12 / 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
1426.79	-34.04	8.17	9.34	-35.21	-13.00	-22.21	H
2140.40	-34.27	9.53	10.42	-35.16	-13.00	-22.16	H
2853.53	-33.07	11.27	11.12	-32.92	-13.00	-19.92	H
1426.79	-35.90	8.17	9.34	-37.07	-13.00	-24.07	V
2140.40	-35.05	9.53	10.42	-35.94	-13.00	-22.94	V
2853.53	-32.85	11.27	11.12	-32.70	-13.00	-19.70	V



LTE Band 12 / 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
1407.82	-33.44	8.17	9.34	-34.61	-13.00	-21.61	H
2111.59	-34.52	9.53	10.42	-35.41	-13.00	-22.41	H
2815.64	-32.57	11.27	11.12	-32.42	-13.00	-19.42	H
1407.82	-35.04	8.17	9.34	-36.21	-13.00	-23.21	V
2111.59	-34.68	9.53	10.42	-35.57	-13.00	-22.57	V
2815.64	-32.26	11.27	11.12	-32.11	-13.00	-19.11	V
LTE Band 12 / 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
1414.70	-34.11	8.17	9.34	-35.28	-13.00	-22.28	H
2122.10	-34.61	9.53	10.42	-35.50	-13.00	-22.50	H
2829.54	-32.52	11.27	11.12	-32.37	-13.00	-19.37	H
1414.70	-35.56	8.17	9.34	-36.73	-13.00	-23.73	V
2122.10	-34.62	9.53	10.42	-35.51	-13.00	-22.51	V
2829.54	-32.67	11.27	11.12	-32.52	-13.00	-19.52	V
LTE Band 12 / 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
1421.72	-34.39	8.17	9.34	-35.56	-13.00	-22.56	H
2132.50	-34.49	9.53	10.42	-35.38	-13.00	-22.38	H
2843.52	-33.12	11.27	11.12	-32.97	-13.00	-19.97	H
1421.72	-34.77	8.17	9.34	-35.94	-13.00	-22.94	V
2132.50	-34.12	9.53	10.42	-35.01	-13.00	-22.01	V
2843.52	-32.24	11.27	11.12	-32.09	-13.00	-19.09	V



LTE Band 17 / 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
1413.37	-33.97	8.17	9.34	-35.14	-13.00	-22.14	H
2120.28	-34.39	9.53	10.42	-35.28	-13.00	-22.28	H
2826.83	-32.35	11.27	11.12	-32.20	-13.00	-19.20	H
1413.37	-35.14	8.17	9.34	-36.31	-13.00	-23.31	V
2120.28	-34.36	9.53	10.42	-35.25	-13.00	-22.25	V
2826.83	-32.97	11.27	11.12	-32.82	-13.00	-19.82	V
LTE Band 17 / 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
1419.92	-34.15	8.17	9.34	-35.32	-13.00	-22.32	H
2130.16	-34.92	9.53	10.42	-35.81	-13.00	-22.81	H
2840.00	-33.61	11.27	11.12	-33.46	-13.00	-20.46	H
1419.92	-35.48	8.17	9.34	-36.65	-13.00	-23.65	V
2130.16	-34.12	9.53	10.42	-35.01	-13.00	-22.01	V
2840.00	-33.03	11.27	11.12	-32.88	-13.00	-19.88	V
LTE Band 17 / 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
1426.28	-34.26	8.17	9.34	-35.43	-13.00	-22.43	H
2139.37	-34.30	9.53	10.42	-35.19	-13.00	-22.19	H
2852.67	-33.01	11.27	11.12	-32.86	-13.00	-19.86	H
1426.28	-35.92	8.17	9.34	-37.09	-13.00	-24.09	V
2139.37	-35.01	9.53	10.42	-35.90	-13.00	-22.90	V
2852.67	-31.99	11.27	11.12	-31.84	-13.00	-18.84	V



LTE Band 17 / 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
1418.21	-33.92	8.17	9.34	-35.09	-13.00	-22.09	H
2127.26	-34.57	9.53	10.42	-35.46	-13.00	-22.46	H
2836.68	-33.06	11.27	11.12	-32.91	-13.00	-19.91	H
1418.21	-35.18	8.17	9.34	-36.35	-13.00	-23.35	V
2127.26	-34.26	9.53	10.42	-35.15	-13.00	-22.15	V
2836.68	-33.17	11.27	11.12	-33.02	-13.00	-20.02	V
LTE Band 17 / 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
1419.79	-33.70	8.17	9.34	-34.87	-13.00	-21.87	H
2130.03	-34.70	9.53	10.42	-35.59	-13.00	-22.59	H
2840.03	-32.51	11.27	11.12	-32.36	-13.00	-19.36	H
1419.79	-35.54	8.17	9.34	-36.71	-13.00	-23.71	V
2130.03	-34.44	9.53	10.42	-35.33	-13.00	-22.33	V
2840.03	-32.37	11.27	11.12	-32.22	-13.00	-19.22	V
LTE Band 17 / 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
1420.95	-33.56	8.17	9.34	-34.73	-13.00	-21.73	H
2132.01	-35.42	9.53	10.42	-36.31	-13.00	-23.31	H
2842.75	-33.51	11.27	11.12	-33.36	-13.00	-20.36	H
1420.95	-35.64	8.17	9.34	-36.81	-13.00	-23.81	V
2132.01	-35.24	9.53	10.42	-36.13	-13.00	-23.13	V
2842.75	-32.08	11.27	11.12	-31.93	-13.00	-18.93	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
1649.24	-33.89	9.56	9.72	-34.05	-13.00	-21.05	H
2473.60	-35.38	10.50	10.86	-35.74	-13.00	-22.74	H
3298.91	-32.32	12.78	11.57	-31.11	-13.00	-18.11	H
1649.24	-34.87	9.56	9.72	-35.03	-13.00	-22.03	V
2473.60	-34.38	10.50	10.86	-34.74	-13.00	-21.74	V
3298.91	-32.50	12.78	11.57	-31.29	-13.00	-18.29	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
1672.94	-33.95	9.56	9.72	-34.11	-13.00	-21.11	H
2509.21	-35.38	10.50	10.86	-35.74	-13.00	-22.74	H
3346.09	-32.55	12.78	11.57	-31.34	-13.00	-18.34	H
1672.94	-36.02	9.56	9.72	-36.18	-13.00	-23.18	V
2509.21	-34.24	10.50	10.86	-34.60	-13.00	-21.60	V
3346.09	-32.89	12.78	11.57	-31.68	-13.00	-18.68	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
1696.25	-33.83	9.56	9.72	-33.99	-13.00	-20.99	H
2544.84	-34.14	10.50	10.86	-34.50	-13.00	-21.50	H
3393.07	-32.43	12.78	11.57	-31.22	-13.00	-18.22	H
1696.25	-34.62	9.56	9.72	-34.78	-13.00	-21.78	V
2544.84	-34.87	10.50	10.86	-35.23	-13.00	-22.23	V
3393.07	-31.83	12.78	11.57	-30.62	-13.00	-17.62	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
1651.32	-34.62	9.56	9.72	-34.78	-13.00	-21.78	H
2476.25	-34.75	10.50	10.86	-35.11	-13.00	-22.11	H
3301.66	-33.19	12.78	11.57	-31.98	-13.00	-18.98	H
1651.32	-34.53	9.56	9.72	-34.69	-13.00	-21.69	V
2476.25	-34.63	10.50	10.86	-34.99	-13.00	-21.99	V
3301.66	-32.28	12.78	11.57	-31.07	-13.00	-18.07	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
1672.85	-34.85	9.56	9.72	-35.01	-13.00	-22.01	H
2509.06	-35.15	10.50	10.86	-35.51	-13.00	-22.51	H
3345.94	-32.43	12.78	11.57	-31.22	-13.00	-18.22	H
1672.85	-35.65	9.56	9.72	-35.81	-13.00	-22.81	V
2509.06	-35.15	10.50	10.86	-35.51	-13.00	-22.51	V
3345.94	-32.12	12.78	11.57	-30.91	-13.00	-17.91	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
1695.41	-33.53	9.56	9.72	-33.69	-13.00	-20.69	H
2542.16	-35.48	10.50	10.86	-35.84	-13.00	-22.84	H
3390.05	-33.46	12.78	11.57	-32.25	-13.00	-19.25	H
1695.41	-35.06	9.56	9.72	-35.22	-13.00	-22.22	V
2542.16	-33.96	10.50	10.86	-34.32	-13.00	-21.32	V
3390.05	-32.22	12.78	11.57	-31.01	-13.00	-18.01	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
1652.62	-33.77	9.56	9.72	-33.93	-13.00	-20.93	H
2479.41	-34.31	10.50	10.86	-34.67	-13.00	-21.67	H
3306.47	-32.25	12.78	11.57	-31.04	-13.00	-18.04	H
1652.62	-35.05	9.56	9.72	-35.21	-13.00	-22.21	V
2479.41	-34.09	10.50	10.86	-34.45	-13.00	-21.45	V
3306.47	-32.45	12.78	11.57	-31.24	-13.00	-18.24	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
1673.09	-33.72	9.56	9.72	-33.88	-13.00	-20.88	H
2509.25	-34.24	10.50	10.86	-34.60	-13.00	-21.60	H
3345.91	-32.71	12.78	11.57	-31.50	-13.00	-18.50	H
1673.09	-35.42	9.56	9.72	-35.58	-13.00	-22.58	V
2509.25	-34.37	10.50	10.86	-34.73	-13.00	-21.73	V
N/A	N/A	12.78	11.57	1.21	-13.00	14.21	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
1693.73	-33.61	9.56	9.72	-33.77	-13.00	-20.77	H
2539.51	-34.92	10.50	10.86	-35.28	-13.00	-22.28	H
3385.84	-32.33	12.78	11.57	-31.12	-13.00	-18.12	H
1693.73	-35.98	9.56	9.72	-36.14	-13.00	-23.14	V
2539.51	-35.07	10.50	10.86	-35.43	-13.00	-22.43	V
3385.84	-33.12	12.78	11.57	-31.91	-13.00	-18.91	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
1658.08	-33.44	9.56	9.72	-33.60	-13.00	-20.60	H
2486.39	-34.32	10.50	10.86	-34.68	-13.00	-21.68	H
3315.64	-33.41	12.78	11.57	-32.20	-13.00	-19.20	H
1658.08	-35.05	9.56	9.72	-35.21	-13.00	-22.21	V
2486.39	-34.36	10.50	10.86	-34.72	-13.00	-21.72	V
3315.64	-32.46	12.78	11.57	-31.25	-13.00	-18.25	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
1673.24	-34.13	9.56	9.72	-34.29	-13.00	-21.29	H
2509.05	-35.49	10.50	10.86	-35.85	-13.00	-22.85	H
3346.20	-33.37	12.78	11.57	-32.16	-13.00	-19.16	H
1673.24	-35.24	9.56	9.72	-35.40	-13.00	-22.40	V
2509.05	-35.16	10.50	10.86	-35.52	-13.00	-22.52	V
3346.20	-32.99	12.78	11.57	-31.78	-13.00	-18.78	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
1688.62	-33.97	9.56	9.72	-34.13	-13.00	-21.13	H
2532.47	-34.96	10.50	10.86	-35.32	-13.00	-22.32	H
3375.84	-33.47	12.78	11.57	-32.26	-13.00	-19.26	H
1688.62	-34.85	9.56	9.72	-35.01	-13.00	-22.01	V
2532.47	-34.98	10.50	10.86	-35.34	-13.00	-22.34	V
3375.84	-32.06	12.78	11.57	-30.85	-13.00	-17.85	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
1663.19	-34.08	9.56	9.72	-34.24	-13.00	-21.24	H
2494.51	-35.36	10.50	10.86	-35.72	-13.00	-22.72	H
3325.54	-32.70	12.78	11.57	-31.49	-13.00	-18.49	H
1663.19	-35.54	9.56	9.72	-35.70	-13.00	-22.70	V
2494.51	-34.23	10.50	10.86	-34.59	-13.00	-21.59	V
3325.54	-31.74	12.78	11.57	-30.53	-13.00	-17.53	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
1673.25	-33.98	9.56	9.72	-34.14	-13.00	-21.14	H
2509.09	-34.32	10.50	10.86	-34.68	-13.00	-21.68	H
3346.24	-32.76	12.78	11.57	-31.55	-13.00	-18.55	H
1673.25	-36.00	9.56	9.72	-36.16	-13.00	-23.16	V
2509.09	-34.85	10.50	10.86	-35.21	-13.00	-22.21	V
3346.24	-31.91	12.78	11.57	-30.70	-13.00	-17.70	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
1683.47	-33.76	9.56	9.72	-33.92	-13.00	-20.92	H
2524.13	-34.95	10.50	10.86	-35.31	-13.00	-22.31	H
3366.34	-32.39	12.78	11.57	-31.18	-13.00	-18.18	H
1683.47	-35.93	9.56	9.72	-36.09	-13.00	-23.09	V
2524.13	-33.93	10.50	10.86	-34.29	-13.00	-21.29	V
3366.34	-32.94	12.78	11.57	-31.73	-13.00	-18.73	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
1649.07	-33.65	9.56	9.72	-33.81	-13.00	-20.81	H
2473.27	-35.12	10.50	10.86	-35.48	-13.00	-22.48	H
3298.78	-33.37	12.78	11.57	-32.16	-13.00	-19.16	H
1649.07	-35.25	9.56	9.72	-35.41	-13.00	-22.41	V
2473.27	-34.28	10.50	10.86	-34.64	-13.00	-21.64	V
3298.78	-31.98	12.78	11.57	-30.77	-13.00	-17.77	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
1673.17	-33.74	9.56	9.72	-33.90	-13.00	-20.90	H
2509.18	-35.12	10.50	10.86	-35.48	-13.00	-22.48	H
3345.85	-32.43	12.78	11.57	-31.22	-13.00	-18.22	H
1673.17	-35.15	9.56	9.72	-35.31	-13.00	-22.31	V
2509.18	-34.07	10.50	10.86	-34.43	-13.00	-21.43	V
3345.85	-32.54	12.78	11.57	-31.33	-13.00	-18.33	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
1696.44	-34.06	9.56	9.72	-34.22	-13.00	-21.22	H
2544.83	-34.49	10.50	10.86	-34.85	-13.00	-21.85	H
3393.14	-32.28	12.78	11.57	-31.07	-13.00	-18.07	H
1696.44	-35.22	9.56	9.72	-35.38	-13.00	-22.38	V
2544.83	-34.02	10.50	10.86	-34.38	-13.00	-21.38	V
3393.14	-32.13	12.78	11.57	-30.92	-13.00	-17.92	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
1651.15	-34.80	9.56	9.72	-34.96	-13.00	-21.96	H
2476.32	-34.35	10.50	10.86	-34.71	-13.00	-21.71	H
3301.79	-33.15	12.78	11.57	-31.94	-13.00	-18.94	H
1651.15	-35.79	9.56	9.72	-35.95	-13.00	-22.95	V
2476.32	-34.66	10.50	10.86	-35.02	-13.00	-22.02	V
3301.79	-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 Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.07	-34.44	9.56	9.72	-34.60	-13.00	-21.60	H
2509.22	-34.47	10.50	10.86	-34.83	-13.00	-21.83	H
3345.86	-32.59	12.78	11.57	-31.38	-13.00	-18.38	H
1673.07	-35.85	9.56	9.72	-36.01	-13.00	-23.01	V
2509.22	-34.06	10.50	10.86	-34.42	-13.00	-21.42	V
3345.86	-33.12	12.78	11.57	-31.91	-13.00	-18.91	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
1695.71	-33.51	9.56	9.72	-33.67	-13.00	-20.67	H
2542.09	-34.73	10.50	10.86	-35.09	-13.00	-22.09	H
3390.21	-33.28	12.78	11.57	-32.07	-13.00	-19.07	H
1695.71	-35.41	9.56	9.72	-35.57	-13.00	-22.57	V
2542.09	-34.57	10.50	10.86	-34.93	-13.00	-21.93	V
3390.21	-32.74	12.78	11.57	-31.53	-13.00	-18.53	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
1652.60	-34.39	9.56	9.72	-34.55	-13.00	-21.55	H
2479.30	-35.23	10.50	10.86	-35.59	-13.00	-22.59	H
3306.92	-32.57	12.78	11.57	-31.36	-13.00	-18.36	H
1652.60	-35.31	9.56	9.72	-35.47	-13.00	-22.47	V
2479.30	-34.29	10.50	10.86	-34.65	-13.00	-21.65	V
3306.92	-33.00	12.78	11.57	-31.79	-13.00	-18.79	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
1673.08	-33.91	9.56	9.72	-34.07	-13.00	-21.07	H
2509.11	-34.92	10.50	10.86	-35.28	-13.00	-22.28	H
3346.08	-32.24	12.78	11.57	-31.03	-13.00	-18.03	H
1673.08	-35.44	9.56	9.72	-35.60	-13.00	-22.60	V
2509.11	-34.71	10.50	10.86	-35.07	-13.00	-22.07	V
3346.08	-31.80	12.78	11.57	-30.59	-13.00	-17.59	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
1693.66	-33.47	9.56	9.72	-33.63	-13.00	-20.63	H
2539.29	-34.26	10.50	10.86	-34.62	-13.00	-21.62	H
3385.91	-32.56	12.78	11.57	-31.35	-13.00	-18.35	H
1693.66	-34.63	9.56	9.72	-34.79	-13.00	-21.79	V
2539.29	-34.30	10.50	10.86	-34.66	-13.00	-21.66	V
3385.91	-32.92	12.78	11.57	-31.71	-13.00	-18.71	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
1663.30	-33.56	9.56	9.72	-33.72	-13.00	-20.72	H
2494.29	-34.95	10.50	10.86	-35.31	-13.00	-22.31	H
3325.82	-32.44	12.78	11.57	-31.23	-13.00	-18.23	H
1663.30	-35.29	9.56	9.72	-35.45	-13.00	-22.45	V
2494.29	-34.09	10.50	10.86	-34.45	-13.00	-21.45	V
3325.82	-31.95	12.78	11.57	-30.74	-13.00	-17.74	V



LTE Band 38 / 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
5114.96	-33.56	12.66	15.86	-36.76	-25.00	-11.76	H
7672.67	-34.84	11.46	19.28	-42.66	-25.00	-17.66	H
10229.89	-33.04	12.79	23.19	-43.44	-25.00	-18.44	H
4996.93	-35.60	12.66	15.86	-38.80	-25.00	-13.80	V
7495.74	-34.01	11.46	19.28	-41.83	-25.00	-16.83	V
9994.42	-31.96	12.79	23.19	-42.36	-25.00	-17.36	V
LTE Band 38 / 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
5209.98	-33.75	12.72	15.86	-36.89	-25.00	-11.89	H
7814.94	-34.37	11.46	19.28	-42.19	-25.00	-17.19	H
10420.13	-32.99	12.09	23.19	-44.09	-25.00	-19.09	H
5209.98	-35.04	12.72	15.86	-38.18	-25.00	-13.18	V
7814.94	-34.44	11.46	19.28	-42.26	-25.00	-17.26	V
10420.13	-31.75	12.09	23.19	-42.85	-25.00	-17.85	V
LTE Band 38 / 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
5305.10	-33.91	12.76	15.86	-37.01	-25.00	-12.01	H
7957.48	-34.79	11.45	19.28	-42.62	-25.00	-17.62	H
10610.04	-32.75	12.28	23.19	-43.66	-25.00	-18.66	H
5305.10	-35.13	12.76	15.86	-38.23	-25.00	-13.23	V
7957.48	-35.20	11.45	19.28	-43.03	-25.00	-18.03	V
10610.04	-32.39	12.28	23.19	-43.30	-25.00	-18.30	V



LTE Band 38 / 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
5120.11	-34.88	12.66	15.86	-38.08	-25.00	-13.08	H
7680.02	-34.99	11.46	19.28	-42.81	-25.00	-17.81	H
10240.23	-32.48	12.79	23.19	-42.88	-25.00	-17.88	H
5120.11	-34.95	12.66	15.86	-38.15	-25.00	-13.15	V
7680.02	-34.42	11.46	19.28	-42.24	-25.00	-17.24	V
10240.23	-31.79	12.79	23.19	-42.19	-25.00	-17.19	V
LTE Band 38 / 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
5209.88	-34.60	12.72	15.86	-37.74	-25.00	-12.74	H
7815.00	-34.50	11.46	19.28	-42.32	-25.00	-17.32	H
10419.90	-32.38	12.09	23.19	-43.48	-25.00	-18.48	H
5209.88	-35.71	12.72	15.86	-38.85	-25.00	-13.85	V
7815.00	-35.15	11.46	19.28	-42.97	-25.00	-17.97	V
10419.90	-32.98	12.09	23.19	-44.08	-25.00	-19.08	V
LTE Band 38 / 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
5300.15	-34.38	12.76	15.86	-37.48	-25.00	-12.48	H
7950.10	-35.03	11.45	19.28	-42.86	-25.00	-17.86	H
10600.18	-32.56	12.28	23.19	-43.47	-25.00	-18.47	H
5300.15	-34.60	12.76	15.86	-37.70	-25.00	-12.70	V
7950.10	-34.30	11.45	19.28	-42.13	-25.00	-17.13	V
10600.18	-32.07	12.28	23.19	-42.98	-25.00	-17.98	V



LTE Band 38 / 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
5125.12	-34.92	12.66	15.86	-38.12	-25.00	-13.12	H
7687.76	-35.43	11.46	19.28	-43.25	-25.00	-18.25	H
10250.37	-33.56	12.79	23.19	-43.96	-25.00	-18.96	H
5125.12	-34.75	12.66	15.86	-37.95	-25.00	-12.95	V
7687.76	-34.43	11.46	19.28	-42.25	-25.00	-17.25	V
10250.37	-32.81	12.79	23.19	-43.21	-25.00	-18.21	V
LTE Band 38 / 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
5209.96	-34.40	12.72	15.86	-37.54	-25.00	-12.54	H
7815.02	-34.13	11.46	19.28	-41.95	-25.00	-16.95	H
10419.94	-33.40	12.09	23.19	-44.50	-25.00	-19.50	H
5209.96	-35.37	12.72	15.86	-38.51	-25.00	-13.51	V
7815.02	-35.12	11.46	19.28	-42.94	-25.00	-17.94	V
10419.94	-32.12	12.09	23.19	-43.22	-25.00	-18.22	V
LTE Band 38 / 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
V	-34.69	12.76	15.86	-37.79	-25.00	-12.79	H
7942.56	-34.76	11.45	19.28	-42.59	-25.00	-17.59	H
10589.94	-32.22	12.28	23.19	-43.13	-25.00	-18.13	H
5298.03	-34.96	12.76	15.86	-38.06	-25.00	-13.06	V
7942.56	-34.13	11.45	19.28	-41.96	-25.00	-16.96	V
10589.94	-32.65	12.28	23.19	-43.56	-25.00	-18.56	V



LTE Band 38 / 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
5130.29	-34.94	12.66	15.86	-38.14	-25.00	-13.14	H
7695.17	-35.46	11.46	19.28	-43.28	-25.00	-18.28	H
10260.21	-33.31	12.79	23.19	-43.71	-25.00	-18.71	H
5130.29	-35.25	12.66	15.86	-38.45	-25.00	-13.45	V
7695.17	-34.96	11.46	19.28	-42.78	-25.00	-17.78	V
10260.21	-32.80	12.79	23.19	-43.20	-25.00	-18.20	V
LTE Band 38 / 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
5210.07	-34.24	12.72	15.86	-37.38	-25.00	-12.38	H
7815.34	-34.36	11.46	19.28	-42.18	-25.00	-17.18	H
10420.01	-32.78	12.09	23.19	-43.88	-25.00	-18.88	H
5210.07	-34.75	12.72	15.86	-37.89	-25.00	-12.89	V
7815.34	-34.79	11.46	19.28	-42.61	-25.00	-17.61	V
10420.01	-31.75	12.09	23.19	-42.85	-25.00	-17.85	V
LTE Band 38 / 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
5290.23	-34.34	12.76	15.86	-37.44	-25.00	-12.44	H
7934.86	-35.04	11.45	19.28	-42.87	-25.00	-17.87	H
10580.23	-32.57	12.28	23.19	-43.48	-25.00	-18.48	H
5290.23	-35.34	12.76	15.86	-38.44	-25.00	-13.44	V
7934.86	-35.22	11.45	19.28	-43.05	-25.00	-18.05	V
10580.23	-32.16	12.28	23.19	-43.07	-25.00	-18.07	V



2305MHz -2315MHz

LTE Band 40 / 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
4614.88	-44.48	12.91	12.95	-44.52	-40.00	-4.52	H
6922.39	-41.32	13.18	17.02	-45.16	-40.00	-5.16	H
9230.06	-36.36	12.45	21.78	-45.69	-40.00	-5.69	H
4614.88	-45.03	12.91	12.95	-45.07	-40.00	-5.07	V
6922.39	-41.07	13.18	17.02	-44.91	-40.00	-4.91	V
9230.06	-35.73	12.45	21.78	-45.06	-40.00	-5.06	V
LTE Band 40 / 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
4620.15	-45.42	12.91	12.95	-45.46	-40.00	-5.46	H
6929.91	-41.16	13.18	17.02	-45.00	-40.00	-5.00	H
9240.10	-35.25	12.45	21.78	-44.58	-40.00	-4.58	H
4620.15	-45.62	12.91	12.95	-45.66	-40.00	-5.66	V
6929.91	-41.95	13.18	17.02	-45.79	-40.00	-5.79	V
9240.10	-36.63	12.45	21.78	-45.96	-40.00	-5.96	V
LTE Band 40 / 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
4625.16	-44.93	12.91	12.95	-44.97	-40.00	-4.97	H
6937.66	-42.11	13.18	17.02	-45.95	-40.00	-5.95	H
9249.93	-35.85	12.45	21.78	-45.18	-40.00	-5.18	H
4625.16	-45.77	12.91	12.95	-45.81	-40.00	-5.81	V
6937.66	-42.23	13.18	17.02	-46.07	-40.00	-6.07	V
9249.93	-36.03	12.45	21.78	-45.36	-40.00	-5.36	V

LTE Band 40 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4619.93	-45.05	12.91	12.95	-45.09	-40.00	-5.09	H
6929.77	-42.31	13.18	17.02	-46.15	-40.00	-6.15	H
9239.94	-35.27	12.45	21.78	-44.60	-40.00	-4.60	H
4619.93	-44.96	12.91	12.95	-45.00	-40.00	-5.00	V
6929.77	-41.47	13.18	17.02	-45.31	-40.00	-5.31	V
9239.94	-35.34	12.45	21.78	-44.67	-40.00	-4.67	V



2350MHz -2360MHz

LTE Band 40 / 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
4704.92	-45.69	12.91	12.95	-45.73	-40.00	-5.73	H
7057.09	-41.50	13.18	17.02	-45.34	-40.00	-5.34	H
9409.82	-35.76	12.45	21.78	-45.09	-40.00	-5.09	H
4704.92	-44.81	12.91	12.95	-44.85	-40.00	-4.85	V
7057.09	-41.42	13.18	17.02	-45.26	-40.00	-5.26	V
9409.82	-35.92	12.45	21.78	-45.25	-40.00	-5.25	V
LTE Band 40 / 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
4709.86	-45.29	12.91	12.95	-45.33	-40.00	-5.33	H
7065.18	-42.24	13.18	17.02	-46.08	-40.00	-6.08	H
9419.82	-36.48	12.45	21.78	-45.81	-40.00	-5.81	H
4709.86	-45.01	12.91	12.95	-45.05	-40.00	-5.05	V
7065.18	-42.11	13.18	17.02	-45.95	-40.00	-5.95	V
9419.82	-35.44	12.45	21.78	-44.77	-40.00	-4.77	V
LTE Band 40 / 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
4715.26	-45.84	12.91	12.95	-45.88	-40.00	-5.88	H
7072.23	-41.11	13.18	17.02	-44.95	-40.00	-4.95	H
9430.13	-35.81	12.45	21.78	-45.14	-40.00	-5.14	H
4715.26	-45.05	12.91	12.95	-45.09	-40.00	-5.09	V
7072.23	-41.57	13.18	17.02	-45.41	-40.00	-5.41	V
9430.13	-35.75	12.45	21.78	-45.08	-40.00	-5.08	V

LTE Band 40 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4710.18	-45.81	12.91	12.95	-45.85	-40.00	-5.85	H
7065.21	-42.03	13.18	17.02	-45.87	-40.00	-5.87	H
9420.12	-35.26	12.45	21.78	-44.59	-40.00	-4.59	H
4710.18	-44.69	12.91	12.95	-44.73	-40.00	-4.73	V
7065.21	-41.68	13.18	17.02	-45.52	-40.00	-5.52	V
9420.12	-36.12	12.45	21.78	-45.45	-40.00	-5.45	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
5115.02	-34.80	12.66	15.86	-38.00	-25.00	-13.00	H
7672.55	-35.29	11.46	19.28	-43.11	-25.00	-18.11	H
10230.32	-33.24	12.79	23.19	-43.64	-25.00	-18.64	H
4996.96	-35.40	12.66	15.86	-38.60	-25.00	-13.60	V
7495.48	-33.96	11.46	19.28	-41.78	-25.00	-16.78	V
9994.31	-32.00	12.79	23.19	-42.40	-25.00	-17.40	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
5210.02	-33.50	12.72	15.86	-36.64	-25.00	-11.64	H
7815.03	-34.31	11.46	19.28	-42.13	-25.00	-17.13	H
10419.90	-32.95	12.09	23.19	-44.05	-25.00	-19.05	H
5210.02	-34.77	12.72	15.86	-37.91	-25.00	-12.91	V
7815.03	-35.22	11.46	19.28	-43.04	-25.00	-18.04	V
10419.90	-32.87	12.09	23.19	-43.97	-25.00	-18.97	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
5304.88	-34.18	12.76	15.86	-37.28	-25.00	-12.28	H
7957.67	-34.88	11.45	19.28	-42.71	-25.00	-17.71	H
10610.18	-32.28	12.28	23.19	-43.19	-25.00	-18.19	H
5304.88	-35.06	12.76	15.86	-38.16	-25.00	-13.16	V
7957.67	-35.11	11.45	19.28	-42.94	-25.00	-17.94	V
10610.18	-32.40	12.28	23.19	-43.31	-25.00	-18.31	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
5119.95	-34.58	12.66	15.86	-37.78	-25.00	-12.78	H
7679.80	-34.38	11.46	19.28	-42.20	-25.00	-17.20	H
10240.09	-33.06	12.79	23.19	-43.46	-25.00	-18.46	H
5119.95	-35.37	12.66	15.86	-38.57	-25.00	-13.57	V
7679.80	-34.15	11.46	19.28	-41.97	-25.00	-16.97	V
10240.09	-31.79	12.79	23.19	-42.19	-25.00	-17.19	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
5209.99	-34.21	12.72	15.86	-37.35	-25.00	-12.35	H
7815.04	-35.07	11.46	19.28	-42.89	-25.00	-17.89	H
10419.92	-33.39	12.09	23.19	-44.49	-25.00	-19.49	H
5209.99	-35.88	12.72	15.86	-39.02	-25.00	-14.02	V
7815.04	-33.91	11.46	19.28	-41.73	-25.00	-16.73	V
10419.92	-31.72	12.09	23.19	-42.82	-25.00	-17.82	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
5299.87	-34.64	12.76	15.86	-37.74	-25.00	-12.74	H
7949.89	-34.77	11.45	19.28	-42.60	-25.00	-17.60	H
10599.78	-33.22	12.28	23.19	-44.13	-25.00	-19.13	H
5299.87	-35.08	12.76	15.86	-38.18	-25.00	-13.18	V
7949.89	-33.82	11.45	19.28	-41.65	-25.00	-16.65	V
10599.78	-32.63	12.28	23.19	-43.54	-25.00	-18.54	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
5125.02	-34.04	12.66	15.86	-37.24	-25.00	-12.24	H
7687.70	-34.11	11.46	19.28	-41.93	-25.00	-16.93	H
10250.37	-32.73	12.79	23.19	-43.13	-25.00	-18.13	H
5125.02	-34.65	12.66	15.86	-37.85	-25.00	-12.85	V
7687.70	-34.84	11.46	19.28	-42.66	-25.00	-17.66	V
10250.37	-32.73	12.79	23.19	-43.13	-25.00	-18.13	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
5210.03	-33.91	12.72	15.86	-37.05	-25.00	-12.05	H
7814.99	-35.34	11.46	19.28	-43.16	-25.00	-18.16	H
10420.07	-32.73	12.09	23.19	-43.83	-25.00	-18.83	H
5210.03	-35.90	12.72	15.86	-39.04	-25.00	-14.04	V
7814.99	-34.98	11.46	19.28	-42.80	-25.00	-17.80	V
10420.07	-32.15	12.09	23.19	-43.25	-25.00	-18.25	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
5297.92	-34.25	12.76	15.86	-37.35	-25.00	-12.35	H
7942.72	-34.00	11.45	19.28	-41.83	-25.00	-16.83	H
10590.19	-32.72	12.28	23.19	-43.63	-25.00	-18.63	H
5297.92	-35.55	12.76	15.86	-38.65	-25.00	-13.65	V
7942.72	-34.54	11.45	19.28	-42.37	-25.00	-17.37	V
10590.19	-32.41	12.28	23.19	-43.32	-25.00	-18.32	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
5129.96	-34.13	12.66	15.86	-37.33	-25.00	-12.33	H
7694.92	-34.42	11.46	19.28	-42.24	-25.00	-17.24	H
10260.10	-32.18	12.79	23.19	-42.58	-25.00	-17.58	H
5129.96	-34.61	12.66	15.86	-37.81	-25.00	-12.81	V
7694.92	-34.28	11.46	19.28	-42.10	-25.00	-17.10	V
10260.10	-32.36	12.79	23.19	-42.76	-25.00	-17.76	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
5210.18	-34.75	12.72	15.86	-37.89	-25.00	-12.89	H
7815.37	-34.15	11.46	19.28	-41.97	-25.00	-16.97	H
10420.26	-32.93	12.09	23.19	-44.03	-25.00	-19.03	H
5210.18	-34.99	12.72	15.86	-38.13	-25.00	-13.13	V
7815.37	-33.79	11.46	19.28	-41.61	-25.00	-16.61	V
10420.26	-32.41	12.09	23.19	-43.51	-25.00	-18.51	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
5290.00	-33.47	12.76	15.86	-36.57	-25.00	-11.57	H
7934.98	-34.58	11.45	19.28	-42.41	-25.00	-17.41	H
10580.07	-32.81	12.28	23.19	-43.72	-25.00	-18.72	H
5290.00	-34.81	12.76	15.86	-37.91	-25.00	-12.91	V
7934.98	-34.60	11.45	19.28	-42.43	-25.00	-17.43	V
10580.07	-32.05	12.28	23.19	-42.96	-25.00	-17.96	V

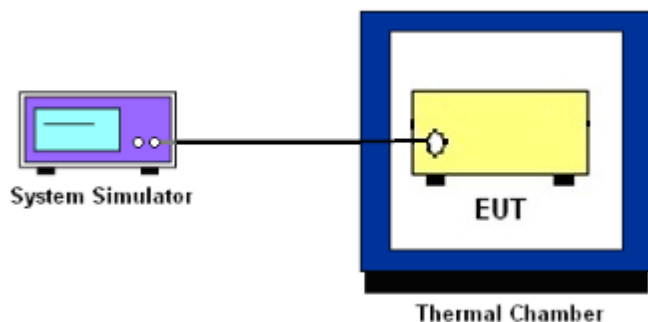
9. FREQUENCY STABILITY

9.1 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.

9.1.2 TEST SETUP



9.1.3 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.

9.1.4 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.



9.1.5 TEST RESULTS

LTE Band 2 (QPSK) / 1880MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	15.66	0.008	2.5ppm	PASS
40		32.67	0.017		
30		16.25	0.009		
20		33.17	0.018		
10		34.28	0.018		
0		30.20	0.016		
-10		23.16	0.012		
-20		29.71	0.016		
-30		32.58	0.017		
20	Maximum Voltage	33.92	0.018		
20	BEP	30.94	0.016		

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	26.69	0.014	2.5ppm	PASS
40		20.44	0.011		
30		33.48	0.018		
20		29.73	0.016		
10		14.34	0.008		
0		12.31	0.007		
-10		27.05	0.014		
-20		23.25	0.012		
-30		34.52	0.018		
20	Maximum Voltage	26.79	0.014		
20	BEP	17.06	0.009		



LTE Band 4 (QPSK) / 1733MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.09	0.012	2.5ppm	PASS
40		33.13	0.019		
30		25.45	0.015		
20		30.75	0.018		
10		32.61	0.019		
0		19.83	0.011		
-10		19.18	0.011		
-20		23.39	0.013		
-30		30.91	0.018		
20	Maximum Voltage	30.12	0.017		
20	BEP	32.06	0.018		

LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	24.82	0.014	2.5ppm	PASS
40		13.96	0.008		
30		12.14	0.007		
20		16.38	0.009		
10		34.37	0.020		
0		23.96	0.014		
-10		32.32	0.019		
-20		19.91	0.011		
-30		21.14	0.012		
20	Maximum Voltage	14.54	0.008		
20	BEP	27.85	0.016		



LTE Band 5 (QPSK) / 836.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	18.03	0.025	2.5ppm	PASS
40		25.68	0.036		
30		11.54	0.016		
20		23.04	0.032		
10		33.55	0.047		
0		11.81	0.017		
-10		20.66	0.003		
-20		18.79	0.026		
-30		17.62	0.025		
20	Maximum Voltage	17.96	0.025		
20	BEP	35.76	0.050		

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.54	0.025	2.5ppm	PASS
40		32.85	0.046		
30		23.97	0.034		
20		25.18	0.035		
10		30.03	0.042		
0		23.96	0.034		
-10		32.47	0.005		
-20		25.76	0.036		
-30		31.15	0.044		
20	Maximum Voltage	18.32	0.026		
20	BEP	24.83	0.035		



LTE Band 7 (QPSK) / 2535MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	12.68	0.005	2.5ppm	PASS
40		23.25	0.009		
30		13.03	0.005		
20		29.53	0.012		
10		15.85	0.006		
0		29.03	0.011		
-10		23.16	0.009		
-20		22.77	0.009		
-30		33.15	0.013		
20	Maximum Voltage	17.22	0.007		
20	BEP	35.84	0.014		

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	28.76	0.011	2.5ppm	PASS
40		26.22	0.010		
30		30.77	0.012		
20		16.82	0.007		
10		17.28	0.007		
0		14.69	0.006		
-10		24.06	0.009		
-20		17.70	0.007		
-30		20.14	0.008		
20	Maximum Voltage	24.60	0.010		
20	BEP	28.16	0.011		



LTE Band 12 (QPSK) / 707.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	34.30	0.048	2.5ppm	PASS
40		15.85	0.022		
30		16.13	0.023		
20		22.04	0.031		
10		23.24	0.033		
0		25.01	0.035		
-10		29.94	0.004		
-20		34.71	0.049		
-30		17.98	0.025		
20	Maximum Voltage	34.83	0.049		
20	BEP	25.31	0.036		

LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	24.57	0.035	2.5ppm	PASS
40		12.54	0.018		
30		30.87	0.043		
20		15.46	0.022		
10		11.96	0.017		
0		24.38	0.034		
-10		15.51	0.002		
-20		28.80	0.041		
-30		32.93	0.046		
20	Maximum Voltage	20.74	0.029		
20	BEP	22.40	0.032		



LTE Band 17 (QPSK) / 710MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	16.50	0.023	2.5ppm	PASS
40		19.92	0.028		
30		12.43	0.018		
20		12.75	0.018		
10		30.99	0.044		
0		19.04	0.027		
-10		16.55	0.002		
-20		29.27	0.041		
-30		18.81	0.026		
20	Maximum Voltage	21.27	0.030		
20	BEP	35.86	0.051		

LTE Band 17 (QPSK) / 710MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	23.26	0.033	2.5ppm	PASS
40		29.22	0.041		
30		13.01	0.018		
20		34.29	0.048		
10		21.53	0.030		
0		17.70	0.025		
-10		24.49	0.003		
-20		27.91	0.039		
-30		11.85	0.017		
20	Maximum Voltage	36.39	0.051		
20	BEP	13.06	0.018		



LTE Band 26(Part 22) (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	30.78	0.018	2.5ppm	PASS
40		16.94	0.010		
30		19.05	0.011		
20		18.50	0.011		
10		28.08	0.016		
0		29.60	0.017		
-10		17.30	0.010		
-20		30.31	0.017		
-30		18.69	0.011		
20	Maximum Voltage	25.96	0.015		
20	BEP	26.58	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	31.88	0.018	2.5ppm	PASS
40		27.68	0.016		
30		19.92	0.011		
20		18.78	0.011		
10		18.29	0.011		
0		23.49	0.014		
-10		14.46	0.008		
-20		13.98	0.008		
-30		31.73	0.018		
20	Maximum Voltage	28.99	0.017		
20	BEP	21.24	0.012		



LTE Band 26(Part 90) (QPSK) / 819MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	29.22	0.017	2.5ppm	PASS
40		13.29	0.008		
30		28.28	0.016		
20		22.87	0.013		
10		12.37	0.007		
0		30.16	0.017		
-10		23.45	0.014		
-20		26.55	0.015		
-30		35.06	0.020		
20	Maximum Voltage	24.47	0.014		
20	BEP	24.65	0.014		

LTE Band 26(Part 90) (QPSK) / 819MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.77	0.010	2.5ppm	PASS
40		21.58	0.012		
30		27.70	0.016		
20		18.82	0.011		
10		13.32	0.008		
0		30.54	0.018		
-10		25.75	0.015		
-20		23.57	0.014		
-30		24.96	0.014		
20	Maximum Voltage	14.29	0.008		
20	BEP	32.76	0.019		



LTE Band 38 (QPSK) / 2595MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.99	0.008	2.5ppm	PASS
40		19.04	0.008		
30		29.35	0.012		
20		35.52	0.014		
10		13.45	0.005		
0		23.61	0.009		
-10		23.31	0.009		
-20		22.44	0.009		
-30		31.21	0.012		
20	Maximum Voltage	12.13	0.005		
20	BEP	26.48	0.010		

LTE Band 38 (QPSK) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.78	0.013	2.5ppm	PASS
40		15.88	0.006		
30		33.99	0.013		
20		20.45	0.008		
10		24.14	0.010		
0		16.89	0.007		
-10		15.85	0.006		
-20		21.74	0.009		
-30		15.55	0.006		
20	Maximum Voltage	29.91	0.012		
20	BEP	31.30	0.012		



2305MHz -2315MHz

LTE Band 40 (QPSK) / 2310MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.62	0.012	2.5ppm	PASS
40		22.55	0.009		
30		32.61	0.013		
20		34.08	0.013		
10		15.99	0.006		
0		26.62	0.011		
-10		34.17	0.013		
-20		26.35	0.010		
-30		34.35	0.014		
20	Maximum Voltage	14.78	0.006		
20	BEP	28.71	0.011		

2350MHz -2360MHz

LTE Band 40 (QPSK) / 2355MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	18.13	0.007	2.5ppm	PASS
40		16.15	0.006		
30		33.56	0.013		
20		12.20	0.005		
10		34.59	0.014		
0		23.16	0.009		
-10		28.01	0.011		
-20		18.63	0.007		
-30		30.83	0.012		
20	Maximum Voltage	13.39	0.005		
20	BEP	34.05	0.013		



LTE Band 41 (QPSK) / 2605MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	30.46	0.012	2.5ppm	PASS
40		31.23	0.012		
30		33.21	0.013		
20		23.70	0.009		
10		15.37	0.006		
0		32.42	0.013		
-10		24.47	0.010		
-20		12.15	0.005		
-30		18.02	0.007		
20	Maximum Voltage	27.66	0.011		
20	BEP	24.69	0.010		

LTE Band 41 (QPSK) / 2605MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	12.78	0.005	2.5ppm	PASS
40		33.72	0.013		
30		36.24	0.014		
20		18.85	0.007		
10		31.20	0.012		
0		21.91	0.009		
-10		35.85	0.014		
-20		33.45	0.013		
-30		36.21	0.014		
20	Maximum Voltage	21.80	0.009		
20	BEP	24.18	0.010		



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※※※※※

