



HSUPA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.35	-34.58	12.60	12.93	-34.91	-13.00	-21.91	H
5557.28	-35.34	13.10	17.11	-39.35	-13.00	-26.35	H
7409.62	-33.11	11.50	22.20	-43.81	-13.00	-30.81	H
3704.23	-34.53	12.60	12.93	-34.86	-13.00	-21.86	V
5557.64	-34.74	13.10	17.11	-38.75	-13.00	-25.75	V
7409.68	-32.25	11.50	22.20	-42.95	-13.00	-29.95	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.96	-34.55	12.60	12.93	-34.88	-13.00	-21.88	H
5640.09	-35.20	13.10	17.11	-39.21	-13.00	-26.21	H
7519.88	-32.84	11.50	22.20	-43.54	-13.00	-30.54	H
3760.24	-35.54	12.60	12.93	-35.87	-13.00	-22.87	V
5640.30	-34.00	13.10	17.11	-38.01	-13.00	-25.01	V
7519.85	-32.69	11.50	22.20	-43.39	-13.00	-30.39	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.30	-33.86	12.60	12.93	-34.19	-13.00	-21.19	H
5722.06	-35.11	13.10	17.11	-39.12	-13.00	-26.12	H
7630.28	-33.11	11.50	22.20	-43.81	-13.00	-30.81	H
3815.53	-35.73	12.60	12.93	-36.06	-13.00	-23.06	V
5722.42	-34.05	13.10	17.11	-38.06	-13.00	-25.06	V
7629.92	-32.09	11.50	22.20	-42.79	-13.00	-29.79	V



HSDPA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.40	-34.38	12.60	12.93	-34.71	-13.00	-21.71	H
5557.66	-34.60	13.10	17.11	-38.61	-13.00	-25.61	H
7409.64	-32.32	11.50	22.20	-43.02	-13.00	-30.02	H
3704.36	-34.87	12.60	12.93	-35.20	-13.00	-22.20	V
5557.55	-34.21	13.10	17.11	-38.22	-13.00	-25.22	V
7409.68	-33.03	11.50	22.20	-43.73	-13.00	-30.73	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.87	-34.61	12.60	12.93	-34.94	-13.00	-21.94	H
5639.99	-34.43	13.10	17.11	-38.44	-13.00	-25.44	H
7520.11	-33.62	11.50	22.20	-44.32	-13.00	-31.32	H
3759.88	-35.94	12.60	12.93	-36.27	-13.00	-23.27	V
5640.06	-34.15	13.10	17.11	-38.16	-13.00	-25.16	V
7519.83	-32.74	11.50	22.20	-43.44	-13.00	-30.44	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.61	-33.62	12.60	12.93	-33.95	-13.00	-20.95	H
5722.19	-34.98	13.10	17.11	-38.99	-13.00	-25.99	H
7629.98	-33.19	11.50	22.20	-43.89	-13.00	-30.89	H
3815.70	-35.00	12.60	12.93	-35.33	-13.00	-22.33	V
5722.34	-34.83	13.10	17.11	-38.84	-13.00	-25.84	V
7630.09	-32.80	11.50	22.20	-43.50	-13.00	-30.50	V



WCDMA Band 4: (30-18000)MHz							
The Worst Test Results for Channel 1313/1712.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3424.71	-34.04	12.90	12.05	-33.19	-13.00	-20.19	H
5137.35	-35.27	12.80	16.27	-38.74	-13.00	-25.74	H
6850.13	-32.25	12.30	20.13	-40.08	-13.00	-27.08	H
3425.01	-34.77	12.90	12.05	-33.92	-13.00	-20.92	V
5137.51	-34.46	12.80	16.27	-37.93	-13.00	-24.93	V
6850.07	-31.89	12.30	20.13	-39.72	-13.00	-26.72	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3479.78	-34.49	12.90	12.05	-33.64	-13.00	-20.64	H
5219.53	-34.81	12.80	16.27	-38.28	-13.00	-25.28	H
6959.51	-32.74	12.30	20.13	-40.57	-13.00	-27.57	H
3479.97	-35.38	12.90	12.05	-34.53	-13.00	-21.53	V
5219.75	-33.87	12.80	16.27	-37.34	-13.00	-24.34	V
6959.56	-32.29	12.30	20.13	-40.12	-13.00	-27.12	V
The Worst Test Results for Channel 1512/1752.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3504.43	-33.61	12.90	12.05	-32.76	-13.00	-19.76	H
5256.76	-34.95	12.80	16.27	-38.42	-13.00	-25.42	H
7009.59	-33.41	12.30	20.13	-41.24	-13.00	-28.24	H
3504.66	-34.96	12.90	12.05	-34.11	-13.00	-21.11	V
5256.75	-35.09	12.80	16.27	-38.56	-13.00	-25.56	V
7009.42	-32.07	12.30	20.13	-39.90	-13.00	-26.90	V



HSUPA Band 4: (30-18000)MHz							
The Worst Test Results for Channel 1313/1712.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3424.77	-33.93	12.90	12.05	-33.08	-13.00	-20.08	H
5137.76	-34.57	12.80	16.27	-38.04	-13.00	-25.04	H
6850.15	-33.12	12.30	20.13	-40.95	-13.00	-27.95	H
3424.71	-34.60	12.90	12.05	-33.75	-13.00	-20.75	V
5137.46	-35.11	12.80	16.27	-38.58	-13.00	-25.58	V
6850.13	-32.64	12.30	20.13	-40.47	-13.00	-27.47	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3479.82	-33.66	12.90	12.05	-32.81	-13.00	-19.81	H
5219.85	-34.02	12.80	16.27	-37.49	-13.00	-24.49	H
6959.70	-32.31	12.30	20.13	-40.14	-13.00	-27.14	H
3479.88	-35.88	12.90	12.05	-35.03	-13.00	-22.03	V
5219.58	-34.80	12.80	16.27	-38.27	-13.00	-25.27	V
6959.76	-32.52	12.30	20.13	-40.35	-13.00	-27.35	V
The Worst Test Results for Channel 1512/1752.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3504.67	-33.91	12.90	12.05	-33.06	-13.00	-20.06	H
5256.85	-35.47	12.80	16.27	-38.94	-13.00	-25.94	H
7009.44	-33.50	12.30	20.13	-41.33	-13.00	-28.33	H
3504.49	-35.45	12.90	12.05	-34.60	-13.00	-21.60	V
5256.72	-34.01	12.80	16.27	-37.48	-13.00	-24.48	V
7009.50	-32.52	12.30	20.13	-40.35	-13.00	-27.35	V



HSDPA Band 4: (30-18000)MHz							
The Worst Test Results for Channel 1313/1712.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3425.01	-33.88	12.90	12.05	-33.03	-13.00	-20.03	H
5137.67	-35.19	12.80	16.27	-38.66	-13.00	-25.66	H
6849.95	-32.97	12.30	20.13	-40.80	-13.00	-27.80	H
3424.80	-35.90	12.90	12.05	-35.05	-13.00	-22.05	V
5137.71	-34.65	12.80	16.27	-38.12	-13.00	-25.12	V
6849.95	-32.11	12.30	20.13	-39.94	-13.00	-26.94	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3479.68	-34.48	12.90	12.05	-33.63	-13.00	-20.63	H
5219.52	-34.66	12.80	16.27	-38.13	-13.00	-25.13	H
6959.87	-32.69	12.30	20.13	-40.52	-13.00	-27.52	H
3479.96	-35.08	12.90	12.05	-34.23	-13.00	-21.23	V
5219.65	-33.88	12.80	16.27	-37.35	-13.00	-24.35	V
6959.89	-32.96	12.30	20.13	-40.79	-13.00	-27.79	V
The Worst Test Results for Channel 1512/1752.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3504.47	-33.50	12.90	12.05	-32.65	-13.00	-19.65	H
5257.06	-34.35	12.80	16.27	-37.82	-13.00	-24.82	H
7009.11	-32.21	12.30	20.13	-40.04	-13.00	-27.04	H
3504.72	-35.72	12.90	12.05	-34.87	-13.00	-21.87	V
5256.82	-33.78	12.80	16.27	-37.25	-13.00	-24.25	V
7009.28	-32.73	12.30	20.13	-40.56	-13.00	-27.56	V



CDMA BC0: (30-9000)MHz							
The Worst Test Results for Channel 1013/824.7MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1649.36	-34.72	9.40	4.75	-30.07	-13.00	-17.07	H
2474.44	-35.28	10.60	8.39	-33.07	-13.00	-20.07	H
3297.95	-33.07	12.00	11.79	-32.86	-13.00	-19.86	H
1649.50	-35.90	9.40	4.75	-31.25	-13.00	-18.25	V
2474.28	-33.83	10.60	8.39	-31.62	-13.00	-18.62	V
3298.16	-32.66	12.00	11.79	-32.45	-13.00	-19.45	V
The Worst Test Results for Channel 384/836.52MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.38	-33.77	9.40	4.75	-29.12	-13.00	-16.12	H
2509.72	-35.17	10.60	8.39	-32.96	-13.00	-19.96	H
3346.12	-32.61	12.00	11.79	-32.40	-13.00	-19.40	H
1673.77	-34.66	9.40	4.75	-30.01	-13.00	-17.01	V
2509.45	-34.89	10.60	8.39	-32.68	-13.00	-19.68	V
3346.05	-32.89	12.00	11.79	-32.68	-13.00	-19.68	V
The Worst Test Results for Channel 1175/848.31MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1696.54	-33.85	9.40	4.75	-29.20	-13.00	-16.20	H
2544.31	-34.63	10.60	8.39	-32.42	-13.00	-19.42	H
3393.38	-33.20	12.00	11.79	-32.99	-13.00	-19.99	H
1696.49	-35.91	9.40	4.75	-31.26	-13.00	-18.26	V
2544.19	-33.96	10.60	8.39	-31.75	-13.00	-18.75	V
3393.73	-33.15	12.00	11.79	-32.94	-13.00	-19.94	V



EVDO BC0: (30-9000)MHz							
The Worst Test Results for Channel 1013/824.7MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1649.69	-34.20	9.40	4.75	-29.55	-13.00	-16.55	H
2474.62	-34.12	10.60	8.39	-31.91	-13.00	-18.91	H
3297.94	-33.42	12.00	11.79	-33.21	-13.00	-20.21	H
1649.29	-35.45	9.40	4.75	-30.80	-13.00	-17.80	V
2474.56	-34.99	10.60	8.39	-32.78	-13.00	-19.78	V
3297.96	-32.74	12.00	11.79	-32.53	-13.00	-19.53	V
The Worst Test Results for Channel 384/836.52MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.76	-34.77	9.40	4.75	-30.12	-13.00	-17.12	H
2509.71	-35.32	10.60	8.39	-33.11	-13.00	-20.11	H
3346.09	-33.10	12.00	11.79	-32.89	-13.00	-19.89	H
1673.75	-35.27	9.40	4.75	-30.62	-13.00	-17.62	V
2509.59	-33.76	10.60	8.39	-31.55	-13.00	-18.55	V
3346.09	-31.74	12.00	11.79	-31.53	-13.00	-18.53	V
The Worst Test Results for Channel 1175/848.31MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1696.26	-34.81	9.40	4.75	-30.16	-13.00	-17.16	H
2544.12	-35.19	10.60	8.39	-32.98	-13.00	-19.98	H
3393.53	-33.49	12.00	11.79	-33.28	-13.00	-20.28	H
1696.18	-35.60	9.40	4.75	-30.95	-13.00	-17.95	V
2544.12	-33.90	10.60	8.39	-31.69	-13.00	-18.69	V
3393.55	-32.07	12.00	11.79	-31.86	-13.00	-18.86	V



CDMA BC1: (30-20000)MHz							
The Worst Test Results for Channel 25/1851.25MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3702.34	-34.21	12.60	12.93	-34.54	-13.00	-21.54	H
5553.57	-34.67	13.10	17.11	-38.68	-13.00	-25.68	H
7405.70	-32.30	11.50	22.20	-43.00	-13.00	-30.00	H
3702.28	-35.67	12.60	12.93	-36.00	-13.00	-23.00	V
5553.42	-34.56	13.10	17.11	-38.57	-13.00	-25.57	V
7405.71	-32.64	11.50	22.20	-43.34	-13.00	-30.34	V
The Worst Test Results for Channel 600/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.05	-33.64	12.60	12.93	-33.97	-13.00	-20.97	H
5639.98	-34.97	13.10	17.11	-38.98	-13.00	-25.98	H
7519.99	-33.59	11.50	22.20	-44.29	-13.00	-31.29	H
3760.30	-35.06	12.60	12.93	-35.39	-13.00	-22.39	V
5640.17	-34.33	13.10	17.11	-38.34	-13.00	-25.34	V
7520.20	-31.90	11.50	22.20	-42.60	-13.00	-29.60	V
The Worst Test Results for Channel 1175/1908.75MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3817.46	-33.98	12.60	12.93	-34.31	-13.00	-21.31	H
5726.06	-35.20	13.10	17.11	-39.21	-13.00	-26.21	H
7635.05	-33.29	11.50	22.20	-43.99	-13.00	-30.99	H
3817.25	-35.60	12.60	12.93	-35.93	-13.00	-22.93	V
5726.19	-34.17	13.10	17.11	-38.18	-13.00	-25.18	V
7635.27	-32.51	11.50	22.20	-43.21	-13.00	-30.21	V



EVDO BC1: (30-20000)MHz							
The Worst Test Results for Channel 25/1851.25MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3702.55	-33.48	12.60	12.93	-33.81	-13.00	-20.81	H
5553.48	-34.08	13.10	17.11	-38.09	-13.00	-25.09	H
7405.83	-33.29	11.50	22.20	-43.99	-13.00	-30.99	H
3702.21	-34.85	12.60	12.93	-35.18	-13.00	-22.18	V
5553.44	-34.25	13.10	17.11	-38.26	-13.00	-25.26	V
7405.48	-31.81	11.50	22.20	-42.51	-13.00	-29.51	V
The Worst Test Results for Channel 600/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.14	-34.11	12.60	12.93	-34.44	-13.00	-21.44	H
5640.03	-34.26	13.10	17.11	-38.27	-13.00	-25.27	H
7519.80	-33.46	11.50	22.20	-44.16	-13.00	-31.16	H
3760.00	-35.38	12.60	12.93	-35.71	-13.00	-22.71	V
5640.27	-35.14	13.10	17.11	-39.15	-13.00	-26.15	V
7520.26	-32.71	11.50	22.20	-43.41	-13.00	-30.41	V
The Worst Test Results for Channel 1175/1908.75MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3817.67	-34.54	12.60	12.93	-34.87	-13.00	-21.87	H
5726.10	-34.66	13.10	17.11	-38.67	-13.00	-25.67	H
7634.98	-32.77	11.50	22.20	-43.47	-13.00	-30.47	H
3817.66	-36.01	12.60	12.93	-36.34	-13.00	-23.34	V
5725.90	-34.41	13.10	17.11	-38.42	-13.00	-25.42	V
7635.08	-32.53	11.50	22.20	-43.23	-13.00	-30.23	V



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*****

