

11 MBPS DATA RATE, CCK MODULATION										
HWN TRANSPORT PROCESSING GAIN MEASUREMENT										
Signal Frequency (MHz)	Jammer Frequency (MHz)	Jammer Freq. Offset (MHz)	Required S/N for 10e-5 BER (dB)	System Loss	Jammer Setting (dBm) at 10e-5 BER	Jammer Loss (dB)	JAMMER POWER (dBm)	SIGNAL POWER (dBm)	J/S RATIO (dB)	Processing Gain
2437	2428.50	-8.50	16.4	2	-46.5	4.6	-51.1	-51.9	0.8	19.2
2437	2428.55	-8.45	16.4	2	-46.5	4.6	-51.1	-51.9	0.8	19.2
2437	2428.60	-8.40	16.4	2	-46.5	4.6	-51.1	-51.9	0.8	19.2
2437	2428.65	-8.35	16.4	2	-46.5	4.6	-51.1	-51.9	0.8	19.2
2437	2428.70	-8.30	16.4	2	-46.5	4.6	-51.1	-51.9	0.8	19.2
2437	2428.75	-8.25	16.4	2	-47	4.6	-51.6	-51.9	0.3	18.7
2437	2428.80	-8.20	16.4	2	-47	4.6	-51.6	-51.9	0.3	18.7
2437	2428.85	-8.15	16.4	2	-47	4.6	-51.6	-51.9	0.3	18.7
2437	2428.90	-8.10	16.4	2	-47.5	4.6	-52.1	-51.9	-0.2	18.2
2437	2428.95	-8.05	16.4	2	-47.5	4.6	-52.1	-51.9	-0.2	18.2
2437	2429.00	-8.00	16.4	2	-47.5	4.6	-52.1	-51.9	-0.2	18.2
2437	2429.05	-7.95	16.4	2	-48	4.6	-52.6	-51.9	-0.7	17.7
2437	2429.10	-7.90	16.4	2	-48	4.6	-52.6	-51.9	-0.7	17.7
2437	2429.15	-7.85	16.4	2	-48	4.6	-52.6	-51.9	-0.7	17.7
2437	2429.20	-7.80	16.4	2	-48	4.6	-52.6	-51.9	-0.7	17.7
2437	2429.25	-7.75	16.4	2	-48.5	4.6	-53.1	-51.9	-1.2	17.2
2437	2429.30	-7.70	16.4	2	-48.5	4.6	-53.1	-51.9	-1.2	17.2
2437	2429.35	-7.65	16.4	2	-48.5	4.6	-53.1	-51.9	-1.2	17.2
2437	2429.40	-7.60	16.4	2	-48.5	4.6	-53.1	-51.9	-1.2	17.2
2437	2429.45	-7.55	16.4	2	-48.5	4.6	-53.1	-51.9	-1.2	17.2
2437	2429.50	-7.50	16.4	2	-49	4.6	-53.6	-51.9	-1.7	16.7
2437	2429.55	-7.45	16.4	2	-49	4.6	-53.6	-51.9	-1.7	16.7
2437	2429.60	-7.40	16.4	2	-49	4.6	-53.6	-51.9	-1.7	16.7
2437	2429.65	-7.35	16.4	2	-49.5	4.6	-54.1	-51.9	-2.2	16.2
2437	2429.70	-7.30	16.4	2	-49	4.6	-53.6	-51.9	-1.7	16.7
2437	2429.75	-7.25	16.4	2	-50	4.6	-54.6	-51.9	-2.7	15.7
2437	2429.80	-7.20	16.4	2	-50	4.6	-54.6	-51.9	-2.7	15.7
2437	2429.85	-7.15	16.4	2	-50	4.6	-54.6	-51.9	-2.7	15.7

2437	2429.90	-7.10	16.4	2	-51	4.6	-55.6	-51.9	-3.7	14.7
2437	2429.95	-7.05	16.4	2	-51	4.6	-55.6	-51.9	-3.7	14.7
2437	2430.00	-7.00	16.4	2	-51.5	4.6	-56.1	-51.9	-4.2	14.2
2437	2430.05	-6.95	16.4	2	-51.5	4.6	-56.1	-51.9	-4.2	14.2
2437	2430.10	-6.90	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2430.15	-6.85	16.4	2	-51.5	4.6	-56.1	-51.9	-4.2	14.2
2437	2430.20	-6.80	16.4	2	-51.5	4.6	-56.1	-51.9	-4.2	14.2
2437	2430.25	-6.75	16.4	2	-51.5	4.6	-56.1	-51.9	-4.2	14.2
2437	2430.30	-6.70	16.4	2	-51.5	4.6	-56.1	-51.9	-4.2	14.2
2437	2430.35	-6.65	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2430.40	-6.60	16.4	2	-51.5	4.6	-56.1	-51.9	-4.2	14.2
2437	2430.45	-6.55	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2430.50	-6.50	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2430.55	-6.45	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2430.60	-6.40	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2430.65	-6.35	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2430.70	-6.30	16.4	2	-52.5	4.6	-57.1	-51.9	-5.2	13.2
2437	2430.75	-6.25	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2430.80	-6.20	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2430.85	-6.15	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2430.90	-6.10	16.4	2	-53.5	4.6	-58.1	-51.9	-6.2	12.2
2437	2430.95	-6.05	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2431.00	-6.00	16.4	2	-53.5	4.6	-58.1	-51.9	-6.2	12.2
2437	2431.05	-5.95	16.4	2	-52.5	4.6	-57.1	-51.9	-5.2	13.2
2437	2431.10	-5.90	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2431.15	-5.85	16.4	2	-53.5	4.6	-58.1	-51.9	-6.2	12.2
2437	2431.20	-5.80	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2431.25	-5.75	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2431.30	-5.70	16.4	2	-52.5	4.6	-57.1	-51.9	-5.2	13.2
2437	2431.35	-5.65	16.4	2	-52.5	4.6	-57.1	-51.9	-5.2	13.2
2437	2431.40	-5.60	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2431.45	-5.55	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2431.50	-5.50	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2431.60	-5.40	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2431.65	-5.35	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2431.70	-5.30	16.4	2	-53.5	4.6	-58.1	-51.9	-6.2	12.2
2437	2431.75	-5.25	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7

2437	2431.80	-5.20	16.4	2	-53.5	4.6	-58.1	-51.9	-6.2	12.2
2437	2431.85	-5.15	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2431.90	-5.10	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2431.95	-5.05	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2432.00	-5.00	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2432.05	-4.95	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2432.10	-4.90	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2432.15	-4.85	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2432.20	-4.80	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2432.25	-4.75	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2432.30	-4.70	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2432.35	-4.65	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2432.40	-4.60	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2432.45	-4.55	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2432.50	-4.50	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2432.55	-4.45	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2432.60	-4.40	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2432.65	-4.35	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2432.70	-4.30	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2432.75	-4.25	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2432.80	-4.20	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2432.85	-4.15	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2432.90	-4.10	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2432.95	-4.05	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2433.00	-4.00	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2433.05	-3.95	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2433.10	-3.90	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2433.15	-3.85	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2433.45	-3.55	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2434.55	-2.45	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2435.25	-1.75	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2435.55	-1.45	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2435.60	-1.40	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2435.65	-1.35	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2435.70	-1.30	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2435.75	-1.25	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2435.80	-1.20	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2

2437	2435.85	-1.15	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2435.95	-1.05	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2436.00	-1.00	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2436.05	-0.95	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2436.10	-0.90	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2436.15	-0.85	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2436.20	-0.80	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2436.25	-0.75	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2436.30	-0.70	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2436.35	-0.65	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2436.40	-0.60	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2436.45	-0.55	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2436.50	-0.50	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2436.55	-0.45	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2436.60	-0.40	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2436.65	-0.35	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2436.70	-0.30	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2437.00	0.00	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2437.05	0.05	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2437.10	0.10	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2437.15	0.15	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2437.20	0.20	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2437.25	0.25	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2437.30	0.30	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2437.35	0.35	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2437.40	0.40	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2437.45	0.45	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2437.50	0.50	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2437.55	0.55	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2437.60	0.60	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2437.65	0.65	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2437.70	0.70	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2437.75	0.75	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2437.80	0.80	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2437.85	0.85	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2437.90	0.90	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2437.95	0.95	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2

2437	2438.00	1.00	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2438.05	1.05	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2438.10	1.10	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2438.15	1.15	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2438.20	1.20	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2438.25	1.25	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2438.30	1.30	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2438.35	1.35	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2438.40	1.40	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2438.45	1.45	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2438.50	1.50	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2438.55	1.55	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2438.60	1.60	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2438.65	1.65	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2438.70	1.70	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2438.75	1.75	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2438.80	1.80	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2438.90	1.90	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2439.10	2.10	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2439.15	2.15	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2439.25	2.25	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2439.30	2.30	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2439.35	2.35	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2439.40	2.40	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2439.45	2.45	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2440.10	3.10	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2440.15	3.15	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2440.20	3.20	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2440.25	3.25	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2440.30	3.30	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2440.35	3.35	16.4	2	-55.5	4.6	-60.1	-51.9	-8.2	10.2
2437	2440.40	3.40	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2440.45	3.45	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2440.50	3.50	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2440.55	3.55	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2440.60	3.60	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2440.65	3.65	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7

2437	2440.70	3.70	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2440.75	3.75	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2440.80	3.80	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2440.85	3.85	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2440.90	3.90	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2440.95	3.95	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2441.00	4.00	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2441.05	4.05	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2441.10	4.10	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2441.15	4.15	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2441.20	4.20	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2441.25	4.25	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2441.30	4.30	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2441.35	4.35	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2441.40	4.40	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2441.45	4.45	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2441.50	4.50	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2441.55	4.55	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2441.60	4.60	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2441.65	4.65	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2441.70	4.70	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2441.75	4.75	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2441.80	4.80	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2441.85	4.85	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2441.90	4.90	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2441.95	4.95	16.4	2	-55	4.6	-59.6	-51.9	-7.7	10.7
2437	2442.00	5.00	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2442.05	5.05	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2442.10	5.10	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2442.15	5.15	16.4	2	-54.5	4.6	-59.1	-51.9	-7.2	11.2
2437	2442.20	5.20	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2442.25	5.25	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2442.30	5.30	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2442.35	5.35	16.4	2	-53.5	4.6	-58.1	-51.9	-6.2	12.2
2437	2442.40	5.40	16.4	2	-53.5	4.6	-58.1	-51.9	-6.2	12.2
2437	2442.45	5.45	16.4	2	-53.5	4.6	-58.1	-51.9	-6.2	12.2
2437	2442.50	5.50	16.4	2	-53.5	4.6	-58.1	-51.9	-6.2	12.2

2437	2442.55	5.55	16.4	2	-53.5	4.6	-58.1	-51.9	-6.2	12.2
2437	2442.60	5.60	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2442.65	5.65	16.4	2	-53.5	4.6	-58.1	-51.9	-6.2	12.2
2437	2442.70	5.70	16.4	2	-53.5	4.6	-58.1	-51.9	-6.2	12.2
2437	2442.75	5.75	16.4	2	-54	4.6	-58.6	-51.9	-6.7	11.7
2437	2442.80	5.80	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2442.85	5.85	16.4	2	-53.5	4.6	-58.1	-51.9	-6.2	12.2
2437	2442.90	5.90	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2442.95	5.95	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2443.00	6.00	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2443.05	6.05	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2443.10	6.10	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2443.15	6.15	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2443.20	6.20	16.4	2	-52.5	4.6	-57.1	-51.9	-5.2	13.2
2437	2443.25	6.25	16.4	2	-52.5	4.6	-57.1	-51.9	-5.2	13.2
2437	2443.30	6.30	16.4	2	-53	4.6	-57.6	-51.9	-5.7	12.7
2437	2443.35	6.35	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2443.40	6.40	16.4	2	-52.5	4.6	-57.1	-51.9	-5.2	13.2
2437	2443.45	6.45	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2443.50	6.50	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2443.55	6.55	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2443.60	6.60	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2443.65	6.65	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2443.70	6.70	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2443.75	6.75	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2443.80	6.80	16.4	2	-51.5	4.6	-56.1	-51.9	-4.2	14.2
2437	2443.85	6.85	16.4	2	-51.5	4.6	-56.1	-51.9	-4.2	14.2
2437	2443.90	6.90	16.4	2	-52	4.6	-56.6	-51.9	-4.7	13.7
2437	2443.95	6.95	16.4	2	-51.5	4.6	-56.1	-51.9	-4.2	14.2
2437	2444.00	7.00	16.4	2	-51.5	4.6	-56.1	-51.9	-4.2	14.2
2437	2444.05	7.05	16.4	2	-51	4.6	-55.6	-51.9	-3.7	14.7
2437	2444.10	7.10	16.4	2	-51	4.6	-55.6	-51.9	-3.7	14.7
2437	2444.15	7.15	16.4	2	-51	4.6	-55.6	-51.9	-3.7	14.7
2437	2444.20	7.20	16.4	2	-51	4.6	-55.6	-51.9	-3.7	14.7
2437	2444.25	7.25	16.4	2	-51	4.6	-55.6	-51.9	-3.7	14.7
2437	2444.30	7.30	16.4	2	-50.5	4.6	-55.1	-51.9	-3.2	15.2
2437	2444.35	7.35	16.4	2	-50.5	4.6	-55.1	-51.9	-3.2	15.2

2437	2444.40	7.40	16.4	2	-50	4.6	-54.6	-51.9	-2.7	15.7
2437	2444.45	7.45	16.4	2	-50	4.6	-54.6	-51.9	-2.7	15.7
2437	2444.50	7.50	16.4	2	-50.5	4.6	-55.1	-51.9	-3.2	15.2
2437	2444.55	7.55	16.4	2	-50.5	4.6	-55.1	-51.9	-3.2	15.2
2437	2444.60	7.60	16.4	2	-50	4.6	-54.6	-51.9	-2.7	15.7
2437	2444.65	7.65	16.4	2	-50	4.6	-54.6	-51.9	-2.7	15.7
2437	2444.70	7.70	16.4	2	-50	4.6	-54.6	-51.9	-2.7	15.7
2437	2444.75	7.75	16.4	2	-50.5	4.6	-55.1	-51.9	-3.2	15.2
2437	2444.80	7.80	16.4	2	-50	4.6	-54.6	-51.9	-2.7	15.7
2437	2444.85	7.85	16.4	2	-50	4.6	-54.6	-51.9	-2.7	15.7
2437	2444.90	7.90	16.4	2	-49.5	4.6	-54.1	-51.9	-2.2	16.2
2437	2444.95	7.95	16.4	2	-49.5	4.6	-54.1	-51.9	-2.2	16.2
2437	2445.00	8.00	16.4	2	-49	4.6	-53.6	-51.9	-1.7	16.7
2437	2445.05	8.05	16.4	2	-49	4.6	-53.6	-51.9	-1.7	16.7
2437	2445.10	8.10	16.4	2	-49	4.6	-53.6	-51.9	-1.7	16.7
2437	2445.15	8.15	16.4	2	-49	4.6	-53.6	-51.9	-1.7	16.7
2437	2445.20	8.20	16.4	2	-48.5	4.6	-53.1	-51.9	-1.2	17.2
2437	2445.25	8.25	16.4	2	-49	4.6	-53.6	-51.9	-1.7	16.7
2437	2445.30	8.30	16.4	2	-48.5	4.6	-53.1	-51.9	-1.2	17.2
2437	2445.35	8.35	16.4	2	-48.5	4.6	-53.1	-51.9	-1.2	17.2
2437	2445.40	8.40	16.4	2	-48	4.6	-52.6	-51.9	-0.7	17.7
2437	2445.45	8.45	16.4	2	-48	4.6	-52.6	-51.9	-0.7	17.7
2437	2445.50	8.50	16.4	2	-48	4.6	-52.6	-51.9	-0.7	17.7