

Typical Performance Data

Frequency (MHz)				RF IN = 16dBm			
				Conversion Loss (dB)	Harmonic Output* (-dBc)		
X1 Output	X2 Output	X3 Output	X4 Output	X2 Output	X1 Output	X3 Output	X4 Output
4300	8600	12900	17200	15.68	69.07	35.91	17.94
4350	8700	13050	17400	16.00	70.68	37.59	17.85
4400	8800	13200	17600	15.96	70.36	41.04	18.48
4450	8900	13350	17800	15.97	67.16	44.33	19.23
4500	9000	13500	18000	15.45	64.55	45.66	20.14
4550	9100	13650	18200	15.36	61.99	45.44	20.58
4600	9200	13800	18400	15.00	60.07	45.58	21.43
4700	9400	14100	18800	15.31	56.22	45.01	22.68
4800	9600	14400	19200	15.41	53.64	44.21	24.71
4900	9800	14700	19600	14.74	52.38	43.80	28.43
5000	10000	15000	20000	14.29	51.24	44.01	31.29
5100	10200	15300	20400	14.31	50.01	42.97	31.66
5200	10400	15600	20800	15.47	48.14	41.30	28.30
5300	10600	15900	21200	15.01	48.33	42.31	26.71
5400	10800	16200	21600	14.45	48.79	43.12	25.40
5500	11000	16500	22000	14.49	48.80	44.62	24.02
5600	11200	16800	22400	14.98	48.43	45.69	22.34
5700	11400	17100	22800	15.21	48.48	46.73	21.76
5800	11600	17400	23200	14.99	49.25	47.65	21.27
5900	11800	17700	23600	15.02	49.45	48.55	20.07
6000	12000	18000	24000	15.54	49.00	49.63	17.90
6100	12200	18300	24400	15.98	48.61	52.36	16.54
6200	12400	18600	24800	15.86	49.62	52.37	16.69
6300	12600	18900	25200	15.75	51.05	50.19	18.20
6400	12800	19200	25600	16.47	51.59	49.07	18.37
6500	13000	19500	26000	16.09	53.36	49.46	19.12
6600	13200	19800	26400	16.32	55.10	48.93	21.01
6700	13400	20100	26800	16.70	57.40	47.91	22.80
6800	13600	20400	27200	16.94	59.72	46.56	25.47
6900	13800	20700	27600	17.54	57.23	45.16	28.42
7000	14000	21000	28000	17.81	52.40	43.84	32.17
7100	14200	21300	28400	18.51	47.99	41.95	34.45
7200	14400	21600	28800	18.55	44.82	40.23	37.06
7300	14600	21900	29200	18.83	41.88	39.10	39.39
7400	14800	22200	29600	18.72	39.76	38.51	43.43
7500	15000	22500	30000	19.06	37.47	37.72	41.62
7550	15100	22650	30200	19.01	36.74	37.36	40.28
7600	15200	22800	30400	19.06	35.85	36.50	39.93
7650	15300	22950	30600	19.71	34.46	35.07	39.28
7700	15400	23100	30800	20.42	33.13	34.04	40.81

*Harmonic Output below power level of X2 Output .



Typical Performance Data

Frequency (MHz)				RF IN = 22dBm			
				Conversion Loss (dB)	Harmonic Output* (-dBc)		
X1 Output	X2 Output	X3 Output	X4 Output	X2 Output	X1 Output	X3 Output	X4 Output
4300	8600	12900	17200	17.31	60.01	27.73	21.03
4350	8700	13050	17400	17.68	60.30	27.58	20.80
4400	8800	13200	17600	17.83	63.94	30.17	20.72
4450	8900	13350	17800	17.45	65.08	31.29	21.37
4500	9000	13500	18000	17.36	70.97	33.84	21.46
4550	9100	13650	18200	16.96	69.20	38.65	21.77
4600	9200	13800	18400	16.63	66.38	40.19	22.07
4700	9400	14100	18800	16.67	58.72	42.15	23.10
4800	9600	14400	19200	16.84	55.17	41.40	24.70
4900	9800	14700	19600	16.30	53.16	41.63	27.95
5000	10000	15000	20000	15.81	51.87	41.13	30.61
5100	10200	15300	20400	15.58	50.82	41.65	30.82
5200	10400	15600	20800	16.54	48.86	41.62	27.09
5300	10600	15900	21200	15.97	48.67	44.04	24.80
5400	10800	16200	21600	15.30	48.95	47.36	22.87
5500	11000	16500	22000	15.26	48.62	50.85	21.43
5600	11200	16800	22400	15.66	48.02	53.19	20.07
5700	11400	17100	22800	15.65	47.91	53.40	19.77
5800	11600	17400	23200	15.05	48.93	51.63	20.44
5900	11800	17700	23600	14.68	50.01	50.42	21.62
6000	12000	18000	24000	14.96	50.44	48.84	21.87
6100	12200	18300	24400	15.37	50.76	48.75	20.44
6200	12400	18600	24800	15.53	52.19	52.03	19.37
6300	12600	18900	25200	15.45	53.92	56.18	19.74
6400	12800	19200	25600	16.32	54.88	60.49	19.90
6500	13000	19500	26000	16.04	56.81	69.58	20.90
6600	13200	19800	26400	15.93	59.54	60.10	22.22
6700	13400	20100	26800	16.33	62.99	54.12	23.79
6800	13600	20400	27200	16.56	66.45	50.21	24.59
6900	13800	20700	27600	16.70	64.28	48.07	25.33
7000	14000	21000	28000	16.40	60.54	45.82	26.63
7100	14200	21300	28400	17.04	56.20	42.98	26.47
7200	14400	21600	28800	17.16	52.37	40.58	27.78
7300	14600	21900	29200	17.53	48.42	38.88	30.74
7400	14800	22200	29600	17.52	45.43	37.84	35.09
7500	15000	22500	30000	17.95	42.30	36.36	34.80
7550	15100	22650	30200	17.92	41.30	37.05	33.79
7600	15200	22800	30400	17.80	40.11	37.74	32.72
7650	15300	22950	30600	18.36	38.45	40.43	31.77
7700	15400	23100	30800	18.68	36.92	42.58	31.01

*Harmonic Output below power level of X2 Output .

