

## Typical Performance Data

FREQUENCY (MHz)							CONVERSION LOSS (dB)	RF IN = +7 dBm					
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X5 OUTPUT	X6 OUTPUT	X7 OUTPUT		HARMONIC OUTPUT* (-dBc)					
1000	2000	3000	4000	5000	6000	7000	28.04	-1.23	64.80	-0.28	61.48	62.92	2.25
1020	2040	3060	4080	5100	6120	7140	27.41	-0.90	66.15	-0.09	62.72	65.04	2.53
1040	2080	3120	4160	5200	6240	7280	28.01	-1.65	64.93	-0.64	61.58	63.16	2.48
1060	2120	3180	4240	5300	6360	7420	27.69	-1.65	64.29	-0.65	61.08	62.27	2.63
1080	2160	3240	4320	5400	6480	7560	26.92	-1.22	65.47	-0.25	62.43	64.14	3.09
1100	2200	3300	4400	5500	6600	7700	27.57	-1.94	65.01	-1.08	62.24	63.36	3.08
1120	2240	3360	4480	5600	6720	7840	27.79	-2.43	63.76	-1.43	61.34	62.14	3.36
1140	2280	3420	4560	5700	6840	7980	26.67	-1.62	64.91	-0.90	62.57	65.85	4.20
1160	2320	3480	4640	5800	6960	8120	28.19	-3.19	63.01	-2.12	61.91	61.30	4.00
1180	2360	3540	4720	5900	7080	8260	28.42	-3.54	62.09	-2.47	61.32	60.58	4.59
1200	2400	3600	4800	6000	7200	8400	26.14	-1.84	64.81	-1.54	63.12	66.72	5.65
1250	2500	3750	5000	6250	7500	8750	29.33	-5.14	60.29	-3.60	63.75	58.91	9.41
1300	2600	3900	5200	6500	7800	9100	28.23	-4.67	61.22	-4.01	64.95	59.38	11.21
1350	2700	4050	5400	6750	8100	9450	29.15	-5.76	59.54	-3.87	61.05	58.54	15.59
1400	2800	4200	5600	7000	8400	9800	27.68	-4.97	60.89	-4.11	64.25	60.71	22.04
1450	2900	4350	5800	7250	8700	10150	28.47	-5.94	59.33	-4.03	60.13	61.41	22.80
1500	3000	4500	6000	7500	9000	10500	28.17	-6.25	59.97	-4.96	62.38	63.03	23.78
1520	3040	4560	6080	7600	9120	10640	28.17	-6.30	60.07	-4.87	61.44	63.81	20.26
1540	3080	4620	6160	7700	9240	10780	28.63	-6.95	59.38	-5.10	60.25	64.12	17.69
1560	3120	4680	6240	7800	9360	10920	28.50	-6.96	59.66	-5.59	61.49	62.18	16.98
1580	3160	4740	6320	7900	9480	11060	28.50	-7.17	59.86	-5.93	62.30	60.28	15.85
1600	3200	4800	6400	8000	9600	11200	28.76	-7.46	59.25	-5.76	60.77	59.60	14.48

\* Harmonic Output below power level of X5 Output.

FREQUENCY (MHz)							CONVERSION LOSS (dB)	RF IN = +11 dBm					
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X5 OUTPUT	X6 OUTPUT	X7 OUTPUT		HARMONIC OUTPUT* (-dBc)					
1000	2000	3000	4000	5000	6000	7000	25.21	4.33	76.63	4.01	72.11	67.47	6.22
1020	2040	3060	4080	5100	6120	7140	24.96	4.35	76.49	4.01	72.86	67.84	6.73
1040	2080	3120	4160	5200	6240	7280	24.84	4.22	76.85	3.95	73.05	67.60	7.42
1060	2120	3180	4240	5300	6360	7420	24.60	4.23	76.95	3.97	73.86	67.72	8.10
1080	2160	3240	4320	5400	6480	7560	24.51	4.04	76.48	3.94	74.18	67.69	8.77
1100	2200	3300	4400	5500	6600	7700	24.60	3.78	76.76	3.45	75.15	67.11	9.55
1120	2240	3360	4480	5600	6720	7840	24.63	3.45	76.11	3.22	75.79	66.93	10.59
1140	2280	3420	4560	5700	6840	7980	24.51	3.37	75.54	3.04	77.22	66.71	11.61
1160	2320	3480	4640	5800	6960	8120	24.96	2.69	75.06	2.33	77.29	66.21	11.70
1180	2360	3540	4720	5900	7080	8260	25.44	2.08	73.74	1.59	76.38	65.83	12.25
1200	2400	3600	4800	6000	7200	8400	25.43	1.88	72.93	1.14	74.19	58.63	13.37
1250	2500	3750	5000	6250	7500	8750	28.37	-6.80	65.69	-2.44	67.94	65.54	13.75
1300	2600	3900	5200	6500	7800	9100	28.77	-7.37	65.24	-3.82	65.97	66.85	15.02
1350	2700	4050	5400	6750	8100	9450	28.87	-7.71	66.48	-4.70	65.80	66.77	15.98
1400	2800	4200	5600	7000	8400	9800	29.03	-8.15	65.80	-5.66	66.60	65.53	15.79
1450	2900	4350	5800	7250	8700	10150	29.31	-8.79	64.33	-6.77	67.08	62.27	13.97
1500	3000	4500	6000	7500	9000	10500	30.12	-10.02	63.85	-8.06	66.23	58.72	11.94
1520	3040	4560	6080	7600	9120	10640	29.97	-10.03	64.10	-8.17	66.82	58.06	11.86
1540	3080	4620	6160	7700	9240	10780	30.22	-10.46	63.86	-8.46	66.92	56.64	11.36
1560	3120	4680	6240	7800	9360	10920	30.27	-10.59	63.90	-8.69	66.50	56.26	11.19
1580	3160	4740	6320	7900	9480	11060	30.51	-11.15	63.42	-9.12	65.90	55.95	10.83
1600	3200	4800	6400	8000	9600	11200	30.45	-11.29	62.96	-9.28	65.77	55.63	10.79

\* Harmonic Output below power level of X5 Output.