

Typical Performance Data

FREQUENCY (MHz)							CONVERSION LOSS (dB)	RF IN = +22 dBm						
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X5 OUTPUT	X6 OUTPUT	X7 OUTPUT		HARMONIC OUTPUT* (-dBc)						
120	240	360	480	600	720	840	25.11	12.05	51.86	4.78	42.85	36.08	0.31	
130	260	390	520	650	780	910	23.40	12.36	58.99	4.87	53.08	43.70	1.94	
140	280	420	560	700	840	980	22.28	12.33	74.86	4.58	70.30	56.26	4.21	
150	300	450	600	750	900	1050	22.12	11.41	79.43	3.63	60.86	64.35	6.74	
160	320	480	640	800	960	1120	21.24	11.01	74.19	2.96	60.63	60.81	8.21	
170	340	510	680	850	1020	1190	20.96	10.23	71.19	2.01	58.98	58.95	9.51	
180	360	540	720	900	1080	1260	21.65	8.72	69.26	0.34	58.35	57.84	11.28	
190	380	570	760	950	1140	1330	21.40	7.86	67.32	-0.80	57.53	57.52	11.42	
200	400	600	800	1000	1200	1400	21.06	7.06	65.51	-1.89	56.63	56.89	10.89	
210	420	630	840	1050	1260	1470	22.29	5.32	63.83	-3.79	56.39	55.60	12.25	
220	440	660	880	1100	1320	1540	23.60	3.33	61.05	-5.76	54.98	54.24	13.48	
230	460	690	920	1150	1380	1610	24.34	1.69	58.33	-7.29	52.62	53.56	13.80	

* Harmonic Output below power level of X5 Output.

FREQUENCY (MHz)							CONVERSION LOSS (dB)	RF IN = +24 dBm						
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X5 OUTPUT	X6 OUTPUT	X7 OUTPUT		HARMONIC OUTPUT* (-dBc)						
120	240	360	480	600	720	840	26.31	12.34	53.12	5.32	50.64	41.17	-0.63	
130	260	390	520	650	780	910	24.58	12.70	53.00	5.41	46.86	38.36	1.10	
140	280	420	560	700	840	980	23.13	12.90	84.74	5.35	59.89	69.11	3.01	
150	300	450	600	750	900	1050	22.29	12.50	76.48	4.84	59.85	69.89	4.78	
160	320	480	640	800	960	1120	21.52	12.07	72.26	4.13	59.57	61.86	6.32	
170	340	510	680	850	1020	1190	21.11	11.38	69.31	3.25	57.70	60.07	7.36	
180	360	540	720	900	1080	1260	21.23	10.36	67.34	1.95	56.51	59.48	8.16	
190	380	570	760	950	1140	1330	21.40	9.23	66.04	0.55	55.88	59.41	8.75	
200	400	600	800	1000	1200	1400	21.28	8.25	64.59	-0.70	55.03	59.06	8.55	
210	420	630	840	1050	1260	1470	21.74	7.13	63.44	-2.17	54.67	58.17	8.63	
220	440	660	880	1100	1320	1540	22.86	5.42	61.60	-4.01	54.56	56.39	9.64	
230	460	690	920	1150	1380	1610	23.51	3.91	59.19	-5.48	53.49	55.41	10.12	

* Harmonic Output below power level of X5 Output.