

Typical Performance Data

FREQUENCY (MHz)					CONVERSION LOSS (dB)	RF IN = +17 dBm			
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X5 OUTPUT		HARMONIC OUTPUT* (-dBc)			
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X5 OUTPUT	X4 OUTPUT	X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X5 OUTPUT
200	400	600	800	1000	24.85	38.38	37.98	41.62	25.90
205	410	615	820	1025	24.80	38.04	38.23	40.30	25.87
210	420	630	840	1050	24.48	37.97	38.63	37.95	25.38
215	430	645	860	1075	24.09	38.01	38.93	35.62	24.76
220	440	660	880	1100	23.66	38.12	39.05	33.91	24.37
225	450	675	900	1125	23.26	38.24	39.11	32.83	24.15
230	460	690	920	1150	22.95	38.26	38.91	32.29	24.01
235	470	705	940	1175	22.67	38.22	38.49	32.29	23.95
240	480	720	960	1200	22.49	38.04	37.86	33.21	23.90
245	490	735	980	1225	22.36	37.80	36.99	35.39	23.82
250	500	750	1000	1250	22.08	37.72	35.60	39.28	23.93
255	510	765	1020	1275	21.81	37.67	33.79	36.64	23.85
260	520	780	1040	1300	21.56	37.66	32.01	32.25	23.75
265	530	795	1060	1325	21.34	37.63	30.49	29.61	23.87
270	540	810	1080	1350	21.10	37.59	29.14	27.97	24.34
275	550	825	1100	1375	20.87	37.51	27.82	27.01	25.11
280	560	840	1120	1400	20.62	37.41	26.57	26.60	26.14
285	570	855	1140	1425	20.43	37.25	25.42	26.55	27.25
290	580	870	1160	1450	20.29	37.06	24.21	26.72	28.37
295	590	885	1180	1475	20.21	36.85	22.96	26.68	29.42
300	600	900	1200	1500	20.17	36.61	21.83	26.21	29.89

* Harmonic Output below power level of X4 Output.

FREQUENCY (MHz)					CONVERSION LOSS	RF IN = +23 dBm			
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X5 OUTPUT		HARMONIC OUTPUT*			
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X5 OUTPUT	X4 OUTPUT	X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X5 OUTPUT
200	400	600	800	1000	24.89	38.23	38.34	39.01	27.01
205	410	615	820	1025	24.42	38.28	38.93	38.41	27.63
210	420	630	840	1050	23.89	38.40	39.56	38.71	27.38
215	430	645	860	1075	23.46	38.44	39.82	39.62	26.86
220	440	660	880	1100	23.10	38.48	39.85	40.80	26.43
225	450	675	900	1125	22.78	38.51	39.61	41.62	26.10
230	460	690	920	1150	22.53	38.47	39.04	42.23	25.98
235	470	705	940	1175	22.36	38.33	37.96	42.00	25.90
240	480	720	960	1200	22.29	38.05	36.51	40.82	25.54
245	490	735	980	1225	22.25	37.73	35.09	39.16	24.92
250	500	750	1000	1250	22.21	37.44	33.68	37.50	24.11
255	510	765	1020	1275	22.19	37.16	32.13	35.50	23.40
260	520	780	1040	1300	22.22	36.89	30.42	33.27	22.81
265	530	795	1060	1325	22.23	36.66	28.77	31.00	22.39
270	540	810	1080	1350	22.22	36.45	27.20	28.89	22.30
275	550	825	1100	1375	22.16	36.23	25.65	27.29	22.56
280	560	840	1120	1400	21.95	36.13	24.32	26.19	23.14
285	570	855	1140	1425	21.76	36.01	23.10	25.62	23.82
290	580	870	1160	1450	21.47	36.01	21.92	25.52	24.63
295	590	885	1180	1475	21.24	35.98	20.60	25.67	25.46
300	600	900	1200	1500	21.05	35.94	19.37	25.86	26.17

* Harmonic Output below power level of X4 Output.