

Typical Performance Data

FREQUENCY (MHz)					CONVERSION LOSS (dB)	RF IN = +16 dBm			
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X5 OUTPUT		HARMONIC OUTPUT* (-dBc)			
400	800	1200	1600	2000	24.29	45.63	41.37	56.52	32.46
410	820	1230	1640	2050	24.11	45.29	41.30	53.36	35.38
420	840	1260	1680	2100	24.00	45.01	41.03	51.32	37.97
430	860	1290	1720	2150	24.19	44.41	40.49	50.22	38.44
440	880	1320	1760	2200	24.31	43.77	40.01	47.67	41.23
450	900	1350	1800	2250	24.46	43.16	39.38	44.54	37.97
455	910	1365	1820	2275	24.67	42.81	39.02	42.93	37.99
460	920	1380	1840	2300	24.79	42.59	38.66	42.10	39.98
465	930	1395	1860	2325	24.93	42.33	38.26	41.43	42.23
470	940	1410	1880	2350	25.19	41.90	37.74	40.41	41.16
475	950	1425	1900	2375	25.43	41.44	37.24	38.51	40.28
480	960	1440	1920	2400	25.53	41.09	36.81	36.69	43.45
485	970	1455	1940	2425	25.41	40.95	36.56	35.68	45.71
490	980	1470	1960	2450	25.48	40.67	36.15	35.40	42.95
495	990	1485	1980	2475	25.79	40.17	35.51	35.40	41.11
500	1000	1500	2000	2500	26.28	39.51	34.62	34.83	40.55
520	1040	1560	2080	2600	25.64	39.32	33.87	36.25	40.36
530	1060	1590	2120	2650	25.87	38.57	33.05	35.70	42.53
540	1080	1620	2160	2700	25.35	38.58	33.06	36.08	40.36
550	1100	1650	2200	2750	24.63	38.88	33.08	38.61	40.35
560	1120	1680	2240	2800	24.87	38.31	32.12	39.36	40.98
570	1140	1710	2280	2850	24.66	38.21	31.89	37.43	40.19
580	1160	1740	2320	2900	24.35	38.39	31.39	38.84	40.57
590	1180	1770	2360	2950	24.67	37.88	30.35	39.86	40.23
600	1200	1800	2400	3000	24.64	37.63	29.73	37.45	40.31
610	1220	1830	2440	3050	24.41	37.58	29.03	37.97	41.87
620	1240	1860	2480	3100	24.69	37.04	27.55	35.31	41.89
630	1260	1890	2520	3150	24.90	36.57	26.73	33.12	43.96
640	1280	1920	2560	3200	24.54	36.60	26.06	32.89	43.72
650	1300	1950	2600	3250	24.87	35.94	24.52	32.58	45.49

* Harmonic Output below power level of X4 Output.

FREQUENCY (MHz)					CONVERSION LOSS (dB)	RF IN = +19 dBm			
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X5 OUTPUT		HARMONIC OUTPUT* (-dBc)			
400	800	1200	1600	2000	23.50	44.05	43.49	58.26	30.93
410	820	1230	1640	2050	23.48	43.58	43.38	54.85	39.27
420	840	1260	1680	2100	23.33	43.41	43.28	54.52	48.29
430	860	1290	1720	2150	23.35	42.95	42.84	54.44	43.79
440	880	1320	1760	2200	23.33	42.38	42.49	50.83	42.49
450	900	1350	1800	2250	23.51	41.76	41.86	46.59	37.87
455	910	1365	1820	2275	23.74	41.42	41.49	44.80	38.29
460	920	1380	1840	2300	23.86	41.20	41.16	43.94	40.44
465	930	1395	1860	2325	23.98	40.95	40.50	43.36	42.21
470	940	1410	1880	2350	24.22	40.55	39.90	42.49	41.01
475	950	1425	1900	2375	24.48	40.06	39.44	40.64	40.15
480	960	1440	1920	2400	24.66	39.65	38.90	38.62	42.89
485	970	1455	1940	2425	24.58	39.51	38.61	37.33	44.59
490	980	1470	1960	2450	24.63	39.27	38.27	36.84	41.59
495	990	1485	1980	2475	24.94	38.81	37.69	36.59	39.64
500	1000	1500	2000	2500	25.28	38.30	37.02	36.30	39.02
520	1040	1560	2080	2600	24.58	38.17	36.40	37.24	39.46
530	1060	1590	2120	2650	24.78	37.62	35.66	36.60	40.74
540	1080	1620	2160	2700	24.44	37.59	35.46	36.24	39.67
550	1100	1650	2200	2750	23.83	37.78	35.42	37.99	39.52
560	1120	1680	2240	2800	24.05	37.12	34.54	39.20	40.62
570	1140	1710	2280	2850	24.03	36.84	34.12	37.87	39.90
580	1160	1740	2320	2900	23.85	36.83	33.51	38.51	41.29
590	1180	1770	2360	2950	24.15	36.30	32.47	40.17	41.69
600	1200	1800	2400	3000	24.18	36.00	31.73	38.76	42.66
610	1220	1830	2440	3050	24.07	35.84	30.94	39.38	44.99
620	1240	1860	2480	3100	24.34	35.29	29.41	36.65	45.68
630	1260	1890	2520	3150	24.51	34.81	28.57	34.91	49.04
640	1280	1920	2560	3200	24.33	34.69	27.66	34.50	49.59
650	1300	1950	2600	3250	24.66	34.05	26.04	34.41	53.62

* Harmonic Output below power level of X4 Output.

