

Typical Performance Data

FREQUENCY (MHz)				CONVERSION LOSS (dB)	RF IN = 7 dBm		
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT		HARMONIC OUTPUT* (-dBc)		
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X3 OUTPUT	X1 OUTPUT	X2 OUTPUT	X4 OUTPUT
1800.0	3600.0	5400.0	7200.0	16.94	5.94	64.33	62.56
1850.0	3700.0	5550.0	7400.0	16.82	5.67	63.33	60.72
1900.0	3800.0	5700.0	7600.0	16.48	5.52	63.05	58.30
1950.0	3900.0	5850.0	7800.0	15.90	5.64	64.32	58.55
2000.0	4000.0	6000.0	8000.0	15.62	5.58	65.59	58.27
2050.0	4100.0	6150.0	8200.0	15.26	5.38	66.93	57.83
2100.0	4200.0	6300.0	8400.0	15.03	5.24	67.56	57.08
2150.0	4300.0	6450.0	8600.0	14.97	4.94	66.75	56.03
2200.0	4400.0	6600.0	8800.0	14.88	4.66	65.40	54.92
2250.0	4500.0	6750.0	9000.0	14.60	4.48	65.03	54.37
2287.5	4575.0	6862.5	9150.0	14.73	4.02	64.99	54.30
2325.0	4650.0	6975.0	9300.0	14.68	3.86	66.04	54.86
2362.5	4725.0	7087.5	9450.0	14.64	3.47	67.19	55.08
2400.0	4800.0	7200.0	9600.0	14.51	3.38	67.92	55.19
2450.0	4900.0	7350.0	9800.0	14.72	2.95	67.05	54.79
2500.0	5000.0	7500.0	10000.0	14.79	2.57	65.67	53.79
2550.0	5100.0	7650.0	10200.0	14.53	2.48	66.05	53.40
2600.0	5200.0	7800.0	10400.0	14.43	2.23	66.21	52.72
2650.0	5300.0	7950.0	10600.0	14.42	1.93	68.53	51.96
2700.0	5400.0	8100.0	10800.0	14.12	1.94	71.91	52.32
2750.0	5500.0	8250.0	11000.0	13.82	1.89	67.73	52.40
2800.0	5600.0	8400.0	11200.0	13.85	1.62	62.77	52.06
2850.0	5700.0	8550.0	11400.0	14.05	1.18	59.98	51.75
2900.0	5800.0	8700.0	11600.0	14.07	0.82	58.96	51.55
2955.0	5910.0	8865.0	11820.0	14.33	0.35	57.62	50.67
3010.0	6020.0	9030.0	12040.0	14.90	0.57	56.61	49.65

* Harmonic Output below power level of X3 Output.

FREQUENCY (MHz)				CONVERSION LOSS (dB)	RF IN = 11 dBm		
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT		HARMONIC OUTPUT* (-dBc)		
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X3 OUTPUT	X1 OUTPUT	X2 OUTPUT	X4 OUTPUT
1800.0	3600.0	5400.0	7200.0	15.79	9.86	73.68	61.49
1850.0	3700.0	5550.0	7400.0	15.34	9.90	73.51	61.07
1900.0	3800.0	5700.0	7600.0	15.12	9.69	73.46	60.98
1950.0	3900.0	5850.0	7800.0	14.93	9.44	73.36	61.81
2000.0	4000.0	6000.0	8000.0	14.78	9.29	72.77	61.61
2050.0	4100.0	6150.0	8200.0	14.61	8.88	71.89	61.03
2100.0	4200.0	6300.0	8400.0	14.46	8.70	70.70	60.24
2150.0	4300.0	6450.0	8600.0	14.33	8.42	69.22	60.11
2200.0	4400.0	6600.0	8800.0	14.37	8.01	67.50	60.03
2250.0	4500.0	6750.0	9000.0	14.59	7.34	66.63	59.68
2287.5	4575.0	6862.5	9150.0	15.04	6.58	66.22	58.98
2325.0	4650.0	6975.0	9300.0	15.30	6.15	66.18	58.85
2362.5	4725.0	7087.5	9450.0	15.40	5.65	65.93	58.56
2400.0	4800.0	7200.0	9600.0	15.39	5.45	65.72	57.81
2450.0	4900.0	7350.0	9800.0	15.36	5.22	64.01	57.96
2500.0	5000.0	7500.0	10000.0	15.49	4.78	62.00	57.62
2550.0	5100.0	7650.0	10200.0	15.30	4.62	60.87	57.76
2600.0	5200.0	7800.0	10400.0	15.14	4.40	60.52	57.74
2650.0	5300.0	7950.0	10600.0	14.83	4.38	62.14	59.76
2700.0	5400.0	8100.0	10800.0	14.81	4.09	65.47	62.24
2750.0	5500.0	8250.0	11000.0	14.49	4.08	68.87	63.23
2800.0	5600.0	8400.0	11200.0	14.45	3.86	69.45	62.33
2850.0	5700.0	8550.0	11400.0	14.68	3.39	67.86	60.15
2900.0	5800.0	8700.0	11600.0	14.93	2.81	66.70	58.49
2955.0	5910.0	8865.0	11820.0	15.08	2.45	66.24	57.64
3010.0	6020.0	9030.0	12040.0	15.68	1.47	65.11	56.28

* Harmonic Output below power level of X3 Output.



ISO 9001 ISO 14001 AS 9100 CERTIFIED

