

Typical Performance Data

FREQUENCY (MHz)							CONVERSION LOSS (dB)	RF IN = +10 dBm						
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X5 OUTPUT	X6 OUTPUT	X7 OUTPUT		HARMONIC OUTPUT* (-dBc)						
500	1000	1500	2000	2500	3000	3500	26.93	9.62	51.08	3.23	45.23	36.49	1.06	
525	1050	1575	2100	2625	3150	3675	26.06	9.58	50.78	3.21	42.72	37.45	1.09	
550	1100	1650	2200	2750	3300	3850	25.34	9.55	44.29	3.05	35.49	31.31	2.18	
575	1150	1725	2300	2875	3450	4025	24.54	9.58	52.78	3.06	44.23	40.02	4.40	
600	1200	1800	2400	3000	3600	4200	23.88	9.43	62.44	2.94	54.08	50.55	4.08	
625	1250	1875	2500	3125	3750	4375	23.39	9.22	63.48	2.78	54.83	52.66	5.85	
650	1300	1950	2600	3250	3900	4550	23.00	8.96	67.93	2.38	58.55	60.04	7.40	
675	1350	2025	2700	3375	4050	4725	22.65	8.67	65.80	2.14	56.28	59.68	8.06	
700	1400	2100	2800	3500	4200	4900	22.56	8.18	64.45	1.57	54.80	58.58	10.02	
725	1450	2175	2900	3625	4350	5075	22.39	7.67	67.46	1.04	58.07	64.28	11.24	
750	1500	2250	3000	3750	4500	5250	22.22	7.28	66.36	0.64	57.14	64.54	12.62	
775	1550	2325	3100	3875	4650	5425	22.02	6.90	65.86	0.19	56.94	66.06	13.65	
800	1600	2400	3200	4000	4800	5600	22.03	6.43	65.28	-0.66	56.72	67.50	14.70	
825	1650	2475	3300	4125	4950	5775	22.16	5.72	64.71	-1.36	56.48	69.52	14.86	
850	1700	2550	3400	4250	5100	5950	22.17	5.26	64.07	-2.07	56.09	71.27	14.80	
875	1750	2625	3500	4375	5250	6125	22.51	4.42	62.51	-2.96	55.70	75.31	15.00	
900	1800	2700	3600	4500	5400	6300	22.84	3.60	61.27	-3.93	55.20	79.85	13.74	
925	1850	2775	3700	4625	5550	6475	23.07	2.89	59.77	-4.66	54.44	83.09	9.54	
950	1900	2850	3800	4750	5700	6650	23.83	1.69	57.92	-5.80	53.56	82.63	11.69	
1000	2000	3000	4000	5000	6000	7000	25.00	-0.32	54.70	-7.65	52.16	74.56	8.08	
1050	2100	3150	4200	5250	6300	7350	26.81	-2.93	51.25	-9.77	50.56	65.80	5.00	
1100	2200	3300	4400	5500	6600	7700	28.90	-5.64	48.10	-12.02	48.92	61.27	3.13	

* Harmonic Output below power level of X5 Output.

FREQUENCY (MHz)							CONVERSION LOSS (dB)	RF IN = +15 dBm						
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X5 OUTPUT	X6 OUTPUT	X7 OUTPUT		X5 OUTPUT	X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X6 OUTPUT	X7 OUTPUT
500	1000	1500	2000	2500	3000	3500	29.79	10.33	44.94	5.09	48.55	37.77	-2.77	
525	1050	1575	2100	2625	3150	3675	28.39	10.88	44.03	5.08	37.30	30.30	-2.34	
550	1100	1650	2200	2750	3300	3850	27.30	11.20	39.47	5.15	30.87	23.72	-1.54	
575	1150	1725	2300	2875	3450	4025	26.36	11.37	49.10	5.23	41.10	34.06	-0.68	
600	1200	1800	2400	3000	3600	4200	25.54	11.41	59.02	5.19	52.07	45.64	0.66	
625	1250	1875	2500	3125	3750	4375	24.81	11.34	61.33	5.28	53.93	48.22	2.00	
650	1300	1950	2600	3250	3900	4550	24.26	11.21	66.83	5.01	58.55	55.97	3.04	
675	1350	2025	2700	3375	4050	4725	23.46	11.30	64.84	5.10	56.19	54.87	4.85	
700	1400	2100	2800	3500	4200	4900	23.06	11.09	63.82	4.84	54.76	54.22	5.99	
725	1450	2175	2900	3625	4350	5075	22.57	10.90	67.78	4.47	59.20	63.77	7.21	
750	1500	2250	3000	3750	4500	5250	22.40	10.44	66.20	4.32	57.68	63.12	8.31	
775	1550	2325	3100	3875	4650	5425	22.26	10.02	65.58	3.86	57.36	66.03	8.44	
800	1600	2400	3200	4000	4800	5600	22.54	9.30	64.75	2.98	56.85	66.67	9.12	
825	1650	2475	3300	4125	4950	5775	22.14	9.06	64.85	2.46	56.91	69.93	8.92	
850	1700	2550	3400	4250	5100	5950	22.37	8.40	64.49	1.63	56.57	73.03	8.18	
875	1750	2625	3500	4375	5250	6125	22.35	7.85	63.64	0.84	56.65	72.66	8.62	
900	1800	2700	3600	4500	5400	6300	22.53	7.22	62.87	-0.18	56.48	71.92	7.25	
925	1850	2775	3700	4625	5550	6475	22.93	6.37	61.61	-1.03	55.74	71.85	7.71	
950	1900	2850	3800	4750	5700	6650	23.66	5.19	60.02	-1.89	54.90	69.13	7.64	
1000	2000	3000	4000	5000	6000	7000	24.03	3.96	58.04	-3.58	54.35	65.18	7.87	
1050	2100	3150	4200	5250	6300	7350	25.08	2.13	55.71	-5.40	53.67	64.80	7.14	
1100	2200	3300	4400	5500	6600	7700	26.74	-0.08	52.45	-7.64	51.38	62.71	7.48	

* Harmonic Output below power level of X5 Output.