Frequency Multiplier (X5) RMK-5-571+

Typical Performance Data

FREQUENCY (MHz)							CONVERSION LOSS (dB)	RF IN = +22 dBm HARMONIC OUTPUT* (-dBc)					
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
60	120	180	240	300	360	420	25.50	10.71	48.22	3.83	38.28	33.59	1.00
65	130	195	260	325	390	455	23.92	10.91	56.01	3.46	44.93	40.55	1.90
70	140	210	280	350	420	490	22.75	10.65	58.93	3.25	50.77	46.41	3.04
75	150	225	300	375	450	525	21.67	10.42	62.95	2.94	63.12	51.35	4.15
80	160	240	320	400	480	560	20.96	9.95	52.96	2.34	42.33	40.27	5.30
85	170	255	340	425	510	595	20.71	9.21	60.87	1.57	50.02	49.06	6.46
90	180	270	360	450	540	630	21.13	7.95	66.13	0.22	61.08	66.37	8.05
95	190	285	380	475	570	665	21.82	6.50	67.33	-1.13	65.31	63.27	9.71
100	200	300	400	500	600	700	22.02	5.41	64.73	-2.26	63.86	62.86	10.63
105	210	315	420	525	630	735	21.80	4.71	62.50	-3.02	61.90	62.61	10.58
110	220	330	440	550	660	770	21.90	3.72	60.56	-3.97	60.50	61.97	10.65
115	230	345	460	575	690	805	22.89	2.02	58.60	-5.46	59.39	60.97	12.31
120	240	360	480	600	720	840	24.84	-0.43	56.15	-7.47	57.20	60.05	13.79

* Harmonic Output below power level of X5 Output.

FREQUENCY (MHz)							CONVERSION LOSS (dB)	RF IN = +24 dBm HARMONIC OUTPUT* (-dBc)					
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
60	120	180	240	300	360	420	26.40	11.12	48.70	4.54	43.62	37.33	-0.27
65	130	195	260	325	390	455	24.74	11.35	50.93	4.20	41.17	35.64	0.74
70	140	210	280	350	420	490	23.58	11.16	55.61	4.02	44.21	39.34	1.89
75	150	225	300	375	450	525	22.52	10.95	58.57	3.70	51.46	47.58	3.08
80	160	240	320	400	480	560	21.71	10.55	55.91	3.16	46.55	42.78	4.11
85	170	255	340	425	510	595	21.16	10.01	54.25	2.60	43.34	41.12	4.85
90	180	270	360	450	540	630	20.98	9.26	62.62	1.65	57.49	71.24	5.68
95	190	285	380	475	570	665	21.18	8.32	63.46	0.59	59.58	68.73	6.71
100	200	300	400	500	600	700	21.45	7.26	62.49	-0.58	59.79	66.10	7.42
105	210	315	420	525	630	735	21.47	6.37	60.96	-1.53	59.31	65.16	7.75
110	220	330	440	550	660	770	21.55	5.40	59.41	-2.46	58.68	64.34	7.80
115	230	345	460	575	690	805	22.05	4.16	57.97	-3.64	58.60	63.09	8.33
120	240	360	480	600	720	840	23.20	2.52	56.53	-5.12	58.35	61.92	9.86

* Harmonic Output below power level of X5 Output.