

Frequency Multiplier (X5)

RMK-5-352+

Typical Performance Data

FREQUENCY (MHz)							CONVERSION LOSS (dB)	RF IN = +17 dBm						
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X5 OUTPUT	X6 OUTPUT	X7 OUTPUT		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	
500	1000	1500	2000	2500	3000	3500	21.16	11.37	61.94	3.60	46.01	54.30	6.72	
510	1020	1530	2040	2550	3060	3570	20.98	11.25	62.60	3.29	45.59	53.98	7.36	
520	1040	1560	2080	2600	3120	3640	20.81	11.10	61.08	3.14	45.88	50.78	7.68	
530	1060	1590	2120	2650	3180	3710	20.60	10.95	60.74	2.94	45.95	48.73	7.99	
540	1080	1620	2160	2700	3240	3780	20.41	10.83	60.66	2.64	45.88	48.31	8.43	
550	1100	1650	2200	2750	3300	3850	20.34	10.60	60.86	2.26	45.75	47.76	8.88	
560	1120	1680	2240	2800	3360	3920	20.27	10.29	61.69	2.04	45.80	47.37	9.33	
570	1140	1710	2280	2850	3420	3990	20.35	9.88	62.52	1.57	45.67	46.93	9.63	
580	1160	1740	2320	2900	3480	4060	20.34	9.64	63.68	1.20	45.87	46.49	9.83	
590	1180	1770	2360	2950	3540	4130	20.34	9.33	65.18	0.80	45.91	46.01	10.21	
600	1200	1800	2400	3000	3600	4200	20.35	8.97	66.96	0.44	46.17	45.66	10.29	
610	1220	1830	2440	3050	3660	4270	20.38	8.63	70.08	0.12	46.26	45.16	10.59	
620	1240	1860	2480	3100	3720	4340	20.55	8.27	71.80	-0.50	46.43	44.74	10.70	
630	1260	1890	2520	3150	3780	4410	20.71	7.86	69.97	-0.90	46.45	44.63	11.08	
640	1280	1920	2560	3200	3840	4480	20.78	7.47	67.44	-1.31	46.70	44.57	11.31	
650	1300	1950	2600	3250	3900	4550	20.97	6.97	65.66	-1.93	46.98	44.60	11.18	
660	1320	1980	2640	3300	3960	4620	20.92	6.79	63.85	-2.18	47.38	44.55	11.36	
670	1340	2010	2680	3350	4020	4690	21.17	6.28	61.83	-2.75	47.80	44.32	11.32	
680	1360	2040	2720	3400	4080	4760	21.35	5.85	60.26	-3.25	48.78	44.09	11.36	
690	1380	2070	2760	3450	4140	4830	21.70	5.23	57.95	-3.78	49.94	43.53	11.57	
700	1400	2100	2800	3500	4200	4900	21.97	4.81	56.10	-4.36	50.58	43.30	11.73	
710	1420	2130	2840	3550	4260	4970	22.18	4.30	54.46	-4.85	50.71	43.03	11.63	
720	1440	2160	2880	3600	4320	5040	22.38	3.78	52.85	-5.36	50.27	42.50	11.64	
730	1460	2190	2920	3650	4380	5110	22.64	3.23	51.17	-5.84	51.67	41.92	11.68	
740	1480	2220	2960	3700	4440	5180	23.07	2.69	49.79	-6.38	55.11	41.66	11.72	

* Harmonic Output below power level of X5 Output.



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IF/RF MICROWAVE COMPONENTS

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