

# Frequency Multiplier (X5)

# RMK-5-2751+

## 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	
450	900	1350	1800	2250	2700	3150	21.33	8.82	75.33	1.05	63.74	57.22	7.39	
455	910	1365	1820	2275	2730	3185	21.35	8.72	74.80	0.88	63.16	57.40	7.62	
460	920	1380	1840	2300	2760	3220	21.40	8.54	74.41	0.77	62.42	57.40	7.79	
465	930	1395	1860	2325	2790	3255	21.36	8.35	74.01	0.54	61.76	57.77	8.26	
470	940	1410	1880	2350	2820	3290	21.33	8.18	73.54	0.38	61.04	57.83	8.28	
475	950	1425	1900	2375	2850	3325	21.30	7.96	72.89	0.25	60.45	57.95	8.51	
480	960	1440	1920	2400	2880	3360	21.26	7.82	72.47	0.07	59.80	58.03	8.73	
485	970	1455	1940	2425	2910	3395	21.20	7.71	72.21	-0.06	59.31	57.94	8.82	
490	980	1470	1960	2450	2940	3430	21.25	7.46	72.09	-0.35	58.94	58.08	9.03	
495	990	1485	1980	2475	2970	3465	21.28	7.30	71.94	-0.53	58.64	58.17	9.34	
500	1000	1500	2000	2500	3000	3500	21.37	7.08	71.91	-0.67	58.16	58.31	9.55	
505	1010	1515	2020	2525	3030	3535	21.46	6.84	71.50	-0.95	57.71	58.38	9.80	
510	1020	1530	2040	2550	3060	3570	21.53	6.58	71.19	-1.24	57.31	58.48	10.15	
515	1030	1545	2060	2575	3090	3605	21.60	6.34	70.76	-1.45	57.06	58.65	10.32	
520	1040	1560	2080	2600	3120	3640	21.62	6.17	70.53	-1.64	56.67	58.85	10.42	
525	1050	1575	2100	2625	3150	3675	21.66	5.92	70.40	-1.89	56.27	58.95	10.60	
530	1060	1590	2120	2650	3180	3710	21.63	5.84	70.50	-1.99	55.92	59.04	10.56	
535	1070	1605	2140	2675	3210	3745	21.65	5.63	70.45	-2.20	55.63	59.32	10.87	
540	1080	1620	2160	2700	3240	3780	21.76	5.42	70.35	-2.40	55.20	59.71	10.79	
545	1090	1635	2180	2725	3270	3815	21.90	5.14	70.26	-2.72	54.99	60.08	11.20	
550	1100	1650	2200	2750	3300	3850	22.14	4.80	70.14	-3.02	54.73	60.27	11.43	

\* Harmonic Output below power level of X5 Output.



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IF/RF MICROWAVE COMPONENTS

REV. OR  
RMK-5-2751+  
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