

# Frequency Multiplier (X5)

**RMK-5-52+**

## Typical Performance Data

FREQUENCY (MHz)							CONVERSION LOSS (dB)	RF IN = +17 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
50	100	150	200	250	300	350	23.07	6.45	67.76	0.52	58.93	57.16	2.62
55	110	165	220	275	330	385	22.66	5.39	67.13	-0.40	58.20	57.45	3.07
60	120	180	240	300	360	420	22.42	4.15	66.99	-1.16	57.78	58.29	4.13
65	130	195	260	325	390	455	21.86	3.35	66.00	-1.45	56.89	58.27	5.54
70	140	210	280	350	420	490	21.75	2.48	65.07	-2.35	56.43	57.84	5.08
75	150	225	300	375	450	525	21.82	1.30	63.74	-3.12	56.05	57.87	5.68
80	160	240	320	400	480	560	21.75	0.30	63.04	-3.62	55.86	58.08	5.99
85	170	255	340	425	510	595	21.83	-0.70	62.12	-4.29	55.81	58.35	6.25
90	180	270	360	450	540	630	22.34	-2.02	60.36	-4.99	55.38	58.69	7.00
95	190	285	380	475	570	665	24.04	-4.28	56.33	-6.53	53.72	58.93	9.21
100	200	300	400	500	600	700	24.23	-5.28	55.31	-6.91	53.43	59.31	9.51

\* Harmonic Output below power level of X5 Output.



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**IF/RF MICROWAVE COMPONENTS**

REV. OR  
RMK-5-52+  
1/26/2015  
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