

Frequency Multiplier (Tripler)

AMK-3-452+

Typical Performance Data

FREQUENCY (MHz)				RF IN=+10dBm			
				CONVERSION LOSS (dB)	HARMONIC OUTPUT*		
					X 3 OUTPUT	X 1 OUTPUT	X 2 OUTPUT
X 1 OUTPUT	X 2 OUTPUT	X 3 OUTPUT	X 4 OUTPUT	X 3 OUTPUT	X 1 OUTPUT	X 2 OUTPUT	X 4 OUTPUT
1000	2000	3000	4000	14.42	-1.78	66.74	63.78
1025	2050	3075	4100	13.97	-1.76	65.56	62.33
1050	2100	3150	4200	14.62	-2.06	62.78	59.95
1075	2150	3225	4300	15.18	-2.61	55.64	47.55
1100	2200	3300	4400	15.06	-2.95	53.98	54.12
1125	2250	3375	4500	15.87	-3.41	56.68	59.70
1150	2300	3450	4600	15.97	-3.59	56.36	58.48
1175	2350	3525	4700	15.40	-4.19	55.24	59.64
1200	2400	3600	4800	15.64	-4.40	54.37	57.34
1225	2450	3675	4900	15.56	-4.65	53.05	56.57
1250	2500	3750	5000	15.04	-5.05	52.60	58.70
1275	2550	3825	5100	15.36	-5.38	51.97	59.52
1300	2600	3900	5200	14.82	-5.28	52.71	60.80
1325	2650	3975	5300	14.77	-5.34	52.47	62.02
1350	2700	4050	5400	14.85	-5.56	52.18	61.83
1375	2750	4125	5500	14.44	-5.83	53.05	61.01
1400	2800	4200	5600	14.48	-6.39	53.13	57.84
1425	2850	4275	5700	14.56	-6.51	54.06	60.46
1450	2900	4350	5800	14.27	-6.92	55.52	63.15
1500	3000	4500	6000	15.42	-7.70	56.27	54.19

*Harmonic Output below power level of X 3 Output .

FREQUENCY (MHz)				RF IN=+14dBm			
				CONVERSION LOSS (dB)	HARMONIC OUTPUT*		
					X 3 OUTPUT	X 1 OUTPUT	X 2 OUTPUT
X 1 OUTPUT	X 2 OUTPUT	X 3 OUTPUT	X 4 OUTPUT	X 3 OUTPUT	X 1 OUTPUT	X 2 OUTPUT	X 4 OUTPUT
1000	2000	3000	4000	14.48	2.33	61.25	64.54
1025	2050	3075	4100	14.64	2.13	58.51	62.11
1050	2100	3150	4200	14.97	1.71	54.89	59.68
1075	2150	3225	4300	14.98	1.50	54.04	55.77
1100	2200	3300	4400	15.18	1.02	56.41	54.30
1125	2250	3375	4500	15.38	0.61	57.57	60.48
1150	2300	3450	4600	15.17	0.02	58.34	59.21
1175	2350	3525	4700	15.03	-0.20	56.00	60.00
1200	2400	3600	4800	14.97	-0.63	53.87	58.89
1225	2450	3675	4900	14.68	-0.89	52.65	60.98
1250	2500	3750	5000	14.66	-1.47	52.35	62.39
1275	2550	3825	5100	14.76	-2.09	51.73	61.26
1300	2600	3900	5200	14.29	-2.42	51.72	62.21
1325	2650	3975	5300	14.62	-2.68	51.46	62.36
1350	2700	4050	5400	14.46	-2.99	51.68	61.33
1375	2750	4125	5500	14.54	-3.24	52.94	60.18
1400	2800	4200	5600	14.82	-3.56	52.94	59.01
1425	2850	4275	5700	14.75	-3.84	52.26	61.90
1450	2900	4350	5800	14.85	-4.48	52.09	64.87
1500	3000	4500	6000	15.56	-4.90	52.39	66.59

*Harmonic Output below power level of X 3 Output .

