

Frequency Multiplier (Tripler)

RMK-3-123+

Typical Performance Data

Test Conditions: RF Input Power = 13 dBm @ +25°C

FREQUENCY (MHz)				CONVERSION LOSS (dB)	HARMONIC OUTPUT* (-dBc)		
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X3 OUTPUT	X1 OUTPUT	X2 OUTPUT	X4 OUTPUT
2200.0	4400.0	6600.0	8800.0	16.70	7.14	44.35	43.13
2250.0	4500.0	6750.0	9000.0	16.30	6.91	43.15	41.48
2300.0	4600.0	6900.0	9200.0	16.35	6.76	42.57	41.06
2350.0	4700.0	7050.0	9400.0	15.25	7.33	42.63	41.30
2400.0	4800.0	7200.0	9600.0	14.70	7.65	43.11	41.54
2450.0	4900.0	7350.0	9800.0	14.06	8.20	43.00	41.94
2500.0	5000.0	7500.0	10000.0	14.34	7.39	42.83	37.71
2550.0	5100.0	7650.0	10200.0	15.20	6.35	44.21	31.64
2600.0	5200.0	7800.0	10400.0	14.20	7.13	43.60	38.65
2650.0	5300.0	7950.0	10600.0	14.44	6.84	42.48	42.96
2700.0	5400.0	8100.0	10800.0	14.40	6.48	42.17	45.88
2750.0	5500.0	8250.0	11000.0	14.59	6.24	41.75	49.78
2800.0	5600.0	8400.0	11200.0	14.37	6.18	42.05	52.71
2850.0	5700.0	8550.0	11400.0	14.72	5.77	41.30	55.86
2900.0	5800.0	8700.0	11600.0	14.91	5.27	41.51	59.32
2950.0	5900.0	8850.0	11800.0	14.59	5.42	41.72	57.37
3000.0	6000.0	9000.0	12000.0	15.20	4.64	41.59	51.06
3050.0	6100.0	9150.0	12200.0	14.66	4.79	41.06	47.34
3100.0	6200.0	9300.0	12400.0	15.07	4.35	40.47	46.15
3150.0	6300.0	9450.0	12600.0	15.17	4.06	38.83	45.38
3200.0	6400.0	9600.0	12800.0	15.27	3.61	38.33	44.75
3240.0	6480.0	9720.0	12960.0	15.36	3.51	37.46	44.47
3280.0	6560.0	9840.0	13120.0	15.27	3.33	36.95	43.99
3320.0	6640.0	9960.0	13280.0	14.99	3.45	36.58	44.09
3360.0	6720.0	10080.0	13440.0	14.80	3.55	34.93	43.44
3400.0	6800.0	10200.0	13600.0	15.62	2.68	34.55	42.69
3430.0	6860.0	10290.0	13720.0	14.93	3.30	34.20	42.55
3460.0	6920.0	10380.0	13840.0	15.01	2.86	33.28	42.17
3490.0	6980.0	10470.0	13960.0	14.99	3.10	33.62	41.95
3520.0	7040.0	10560.0	14080.0	14.55	3.32	31.97	42.06
3550.0	7100.0	10650.0	14200.0	14.31	3.27	30.99	44.02
3580.0	7160.0	10740.0	14320.0	14.88	2.99	30.48	43.66
3610.0	7220.0	10830.0	14440.0	15.20	2.26	29.26	45.61
3640.0	7280.0	10920.0	14560.0	15.29	2.01	29.37	48.41
3670.0	7340.0	11010.0	14680.0	15.50	2.06	28.88	48.51
3700.0	7400.0	11100.0	14800.0	15.97	1.21	28.77	47.98
3730.0	7460.0	11190.0	14920.0	16.22	0.79	28.29	48.89
3760.0	7520.0	11280.0	15040.0	16.24	0.67	28.49	54.51
3790.0	7580.0	11370.0	15160.0	16.58	0.23	29.47	52.30
3820.0	7640.0	11460.0	15280.0	16.97	-0.17	31.73	51.20
3850.0	7700.0	11550.0	15400.0	16.83	-0.06	45.36	43.93
3880.0	7760.0	11640.0	15520.0	16.74	-0.21	35.23	42.54
3910.0	7820.0	11730.0	15640.0	17.14	-0.30	31.76	40.74
3940.0	7880.0	11820.0	15760.0	17.24	-0.67	29.88	40.26
3970.0	7940.0	11910.0	15880.0	16.82	-0.66	30.16	40.89
4000.0	8000.0	12000.0	16000.0	17.18	-0.61	29.39	40.28

* Harmonic Output below power level of X3 Output.



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



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Frequency Multiplier (Tripler)

RMK-3-123+

Typical Performance Data

Test Conditions: RF Input Power = 13 dBm @ -40°C

FREQUENCY (MHz)				CONVERSION LOSS (dB)	HARMONIC OUTPUT* (-dBc)		
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X3 OUTPUT	X1 OUTPUT	X2 OUTPUT	X4 OUTPUT
2200.0	4400.0	6600.0	8800.0	16.31	6.76	45.07	41.81
2250.0	4500.0	6750.0	9000.0	15.87	6.68	42.96	39.66
2300.0	4600.0	6900.0	9200.0	15.84	6.42	41.54	39.12
2350.0	4700.0	7050.0	9400.0	15.38	6.80	40.93	39.24
2400.0	4800.0	7200.0	9600.0	14.32	7.38	42.41	39.61
2450.0	4900.0	7350.0	9800.0	13.59	7.80	42.94	39.25
2500.0	5000.0	7500.0	10000.0	13.72	7.25	43.29	36.40
2550.0	5100.0	7650.0	10200.0	14.57	6.07	44.85	30.01
2600.0	5200.0	7800.0	10400.0	13.54	6.95	44.30	36.28
2650.0	5300.0	7950.0	10600.0	13.86	6.71	42.72	40.04
2700.0	5400.0	8100.0	10800.0	13.75	6.47	42.12	42.71
2750.0	5500.0	8250.0	11000.0	14.10	6.09	41.27	47.56
2800.0	5600.0	8400.0	11200.0	13.82	5.95	40.78	52.19
2850.0	5700.0	8550.0	11400.0	14.05	5.64	40.43	58.20
2900.0	5800.0	8700.0	11600.0	14.32	5.02	40.91	62.36
2950.0	5900.0	8850.0	11800.0	13.87	5.31	42.14	59.87
3000.0	6000.0	9000.0	12000.0	14.66	4.31	42.49	59.08
3050.0	6100.0	9150.0	12200.0	13.96	4.59	42.05	50.96
3100.0	6200.0	9300.0	12400.0	14.62	3.96	42.04	48.09
3150.0	6300.0	9450.0	12600.0	14.85	3.66	41.37	45.50
3200.0	6400.0	9600.0	12800.0	15.08	3.00	41.24	44.40
3240.0	6480.0	9720.0	12960.0	14.86	3.35	40.02	44.24
3280.0	6560.0	9840.0	13120.0	14.85	2.91	39.39	43.40
3320.0	6640.0	9960.0	13280.0	14.48	3.18	38.79	43.03
3360.0	6720.0	10080.0	13440.0	14.15	3.52	36.88	42.99
3400.0	6800.0	10200.0	13600.0	15.10	2.45	36.60	41.84
3430.0	6860.0	10290.0	13720.0	14.09	3.17	35.94	41.85
3460.0	6920.0	10380.0	13840.0	14.18	2.92	35.66	41.10
3490.0	6980.0	10470.0	13960.0	14.25	3.18	35.58	40.58
3520.0	7040.0	10560.0	14080.0	13.35	3.69	34.27	40.37
3550.0	7100.0	10650.0	14200.0	13.18	3.60	32.55	40.73
3580.0	7160.0	10740.0	14320.0	13.84	3.25	32.23	40.73
3610.0	7220.0	10830.0	14440.0	14.06	2.53	30.94	40.64
3640.0	7280.0	10920.0	14560.0	14.09	2.49	30.71	41.73
3670.0	7340.0	11010.0	14680.0	14.27	2.56	30.22	40.59
3700.0	7400.0	11100.0	14800.0	14.85	1.28	29.63	39.64
3730.0	7460.0	11190.0	14920.0	14.77	1.45	28.87	41.71
3760.0	7520.0	11280.0	15040.0	14.94	1.39	28.11	45.62
3790.0	7580.0	11370.0	15160.0	15.24	0.58	29.62	55.80
3820.0	7640.0	11460.0	15280.0	15.68	0.44	31.62	57.65
3850.0	7700.0	11550.0	15400.0	15.60	0.28	43.56	44.56
3880.0	7760.0	11640.0	15520.0	15.92	-0.28	35.48	39.82
3910.0	7820.0	11730.0	15640.0	16.46	-0.44	32.58	37.75
3940.0	7880.0	11820.0	15760.0	16.49	-0.96	29.85	36.49
3970.0	7940.0	11910.0	15880.0	15.69	-0.31	29.79	38.90
4000.0	8000.0	12000.0	16000.0	16.52	-0.73	28.57	35.91

* Harmonic Output below power level of X3 Output.



Frequency Multiplier (Tripler)

RMK-3-123+

Typical Performance Data

Test Conditions: RF Input Power = 13 dBm @ +85°C

FREQUENCY (MHz)				CONVERSION LOSS (dB)	HARMONIC OUTPUT* (-dBc)		
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X3 OUTPUT	X1 OUTPUT	X2 OUTPUT	X4 OUTPUT
2200.0	4400.0	6600.0	8800.0	16.95	7.43	43.93	45.31
2250.0	4500.0	6750.0	9000.0	16.60	7.18	43.78	44.50
2300.0	4600.0	6900.0	9200.0	16.42	7.37	43.53	44.36
2350.0	4700.0	7050.0	9400.0	15.29	7.85	43.55	44.64
2400.0	4800.0	7200.0	9600.0	14.91	8.04	43.30	44.70
2450.0	4900.0	7350.0	9800.0	14.53	8.33	42.87	43.96
2500.0	5000.0	7500.0	10000.0	14.80	7.55	42.70	39.33
2550.0	5100.0	7650.0	10200.0	15.56	6.63	43.82	33.60
2600.0	5200.0	7800.0	10400.0	14.71	7.22	43.60	40.14
2650.0	5300.0	7950.0	10600.0	14.99	6.92	42.52	44.30
2700.0	5400.0	8100.0	10800.0	14.89	6.58	42.23	47.35
2750.0	5500.0	8250.0	11000.0	15.09	6.35	42.15	50.23
2800.0	5600.0	8400.0	11200.0	15.08	6.00	42.03	52.12
2850.0	5700.0	8550.0	11400.0	15.25	5.82	41.38	52.90
2900.0	5800.0	8700.0	11600.0	15.40	5.37	41.18	54.07
2950.0	5900.0	8850.0	11800.0	15.12	5.42	40.86	51.30
3000.0	6000.0	9000.0	12000.0	15.75	4.70	40.44	47.93
3050.0	6100.0	9150.0	12200.0	15.40	4.64	39.71	46.10
3100.0	6200.0	9300.0	12400.0	15.69	4.31	38.68	45.72
3150.0	6300.0	9450.0	12600.0	15.66	4.07	37.17	45.51
3200.0	6400.0	9600.0	12800.0	15.73	3.80	36.92	45.08
3240.0	6480.0	9720.0	12960.0	15.90	3.54	36.02	44.86
3280.0	6560.0	9840.0	13120.0	15.88	3.35	35.44	44.29
3320.0	6640.0	9960.0	13280.0	15.43	3.48	35.10	44.84
3360.0	6720.0	10080.0	13440.0	15.62	3.42	33.70	43.76
3400.0	6800.0	10200.0	13600.0	16.19	2.60	32.73	44.25
3430.0	6860.0	10290.0	13720.0	15.62	3.25	32.35	44.77
3460.0	6920.0	10380.0	13840.0	15.80	2.69	31.34	44.70
3490.0	6980.0	10470.0	13960.0	15.81	2.82	31.63	44.62
3520.0	7040.0	10560.0	14080.0	15.56	2.84	30.36	45.62
3550.0	7100.0	10650.0	14200.0	15.36	2.77	30.02	48.60
3580.0	7160.0	10740.0	14320.0	15.83	2.59	29.49	48.24
3610.0	7220.0	10830.0	14440.0	16.24	1.92	28.56	50.75
3640.0	7280.0	10920.0	14560.0	16.35	1.45	28.60	54.42
3670.0	7340.0	11010.0	14680.0	16.48	1.65	28.35	52.81
3700.0	7400.0	11100.0	14800.0	16.90	0.95	28.31	51.44
3730.0	7460.0	11190.0	14920.0	17.15	0.40	27.95	51.48
3760.0	7520.0	11280.0	15040.0	17.13	0.45	28.58	56.51
3790.0	7580.0	11370.0	15160.0	17.43	0.07	29.26	52.08
3820.0	7640.0	11460.0	15280.0	17.82	-0.45	31.89	53.61
3850.0	7700.0	11550.0	15400.0	17.49	-0.04	48.61	46.25
3880.0	7760.0	11640.0	15520.0	17.26	-0.09	36.60	45.12
3910.0	7820.0	11730.0	15640.0	17.67	-0.30	32.12	43.24
3940.0	7880.0	11820.0	15760.0	17.88	-0.54	30.62	42.64
3970.0	7940.0	11910.0	15880.0	17.47	-0.73	30.70	43.67
4000.0	8000.0	12000.0	16000.0	17.84	-0.74	29.84	42.37

* Harmonic Output below power level of X3 Output.



Frequency Multiplier (Tripler)

RMK-3-123+

Typical Performance Data

Test Conditions: RF Input Power = 17 dBm @ +25°C

FREQUENCY (MHz)				CONVERSION LOSS (dB)	HARMONIC OUTPUT* (-dBc)		
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X3 OUTPUT	X1 OUTPUT	X2 OUTPUT	X4 OUTPUT
2200.0	4400.0	6600.0	8800.0	15.93	10.54	45.58	54.35
2250.0	4500.0	6750.0	9000.0	15.24	10.71	45.73	54.12
2300.0	4600.0	6900.0	9200.0	15.33	10.57	45.01	55.80
2350.0	4700.0	7050.0	9400.0	14.52	10.88	44.46	53.89
2400.0	4800.0	7200.0	9600.0	14.52	10.70	44.59	54.05
2450.0	4900.0	7350.0	9800.0	14.55	10.33	43.76	50.59
2500.0	5000.0	7500.0	10000.0	15.12	9.41	42.90	42.64
2550.0	5100.0	7650.0	10200.0	16.20	8.21	42.69	34.20
2600.0	5200.0	7800.0	10400.0	14.88	9.26	44.70	42.05
2650.0	5300.0	7950.0	10600.0	15.08	9.01	43.83	46.90
2700.0	5400.0	8100.0	10800.0	14.96	9.06	43.63	49.75
2750.0	5500.0	8250.0	11000.0	15.14	8.58	43.02	53.16
2800.0	5600.0	8400.0	11200.0	15.12	8.16	42.39	54.36
2850.0	5700.0	8550.0	11400.0	15.20	7.95	41.43	53.83
2900.0	5800.0	8700.0	11600.0	15.37	7.37	40.42	54.48
2950.0	5900.0	8850.0	11800.0	15.27	7.37	39.72	52.88
3000.0	6000.0	9000.0	12000.0	15.46	7.18	38.01	52.31
3050.0	6100.0	9150.0	12200.0	15.48	6.73	36.58	51.84
3100.0	6200.0	9300.0	12400.0	15.82	6.39	34.58	53.51
3150.0	6300.0	9450.0	12600.0	16.25	5.62	33.30	52.24
3200.0	6400.0	9600.0	12800.0	15.86	5.70	32.83	52.50
3240.0	6480.0	9720.0	12960.0	15.82	5.61	32.49	50.76
3280.0	6560.0	9840.0	13120.0	15.36	5.67	31.83	52.53
3320.0	6640.0	9960.0	13280.0	15.50	5.10	30.75	52.52
3360.0	6720.0	10080.0	13440.0	15.15	5.51	30.33	52.40
3400.0	6800.0	10200.0	13600.0	15.58	5.36	30.37	50.37
3430.0	6860.0	10290.0	13720.0	15.41	5.40	30.32	49.17
3460.0	6920.0	10380.0	13840.0	15.44	4.86	29.91	48.76
3490.0	6980.0	10470.0	13960.0	15.20	5.40	30.06	48.44
3520.0	7040.0	10560.0	14080.0	15.21	4.94	29.35	46.01
3550.0	7100.0	10650.0	14200.0	15.09	4.63	29.52	45.06
3580.0	7160.0	10740.0	14320.0	15.63	4.60	29.38	43.76
3610.0	7220.0	10830.0	14440.0	16.12	3.76	28.99	43.18
3640.0	7280.0	10920.0	14560.0	16.44	3.27	29.45	41.96
3670.0	7340.0	11010.0	14680.0	16.80	3.13	29.05	42.33
3700.0	7400.0	11100.0	14800.0	17.15	2.63	29.35	41.79
3730.0	7460.0	11190.0	14920.0	17.06	2.56	28.92	42.04
3760.0	7520.0	11280.0	15040.0	17.42	2.43	29.12	40.79
3790.0	7580.0	11370.0	15160.0	17.51	1.79	28.75	39.52
3820.0	7640.0	11460.0	15280.0	17.66	1.55	28.86	38.33
3850.0	7700.0	11550.0	15400.0	17.70	1.55	38.36	38.28
3880.0	7760.0	11640.0	15520.0	18.00	0.80	35.24	39.31
3910.0	7820.0	11730.0	15640.0	18.15	1.10	32.98	40.49
3940.0	7880.0	11820.0	15760.0	17.94	1.04	32.21	41.29
3970.0	7940.0	11910.0	15880.0	17.90	0.60	32.20	41.48
4000.0	8000.0	12000.0	16000.0	18.20	0.73	31.21	42.65

* Harmonic Output below power level of X3 Output.



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RF/MICROWAVE COMPONENTS



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Frequency Multiplier (Tripler)

RMK-3-123+

Typical Performance Data

Test Conditions: RF Input Power = 17 dBm @ -40°C

FREQUENCY (MHz)				CONVERSION LOSS (dB)	HARMONIC OUTPUT* (-dBc)		
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X3 OUTPUT	X1 OUTPUT	X2 OUTPUT	X4 OUTPUT
2200.0	4400.0	6600.0	8800.0	14.85	10.93	46.11	53.43
2250.0	4500.0	6750.0	9000.0	14.02	11.40	45.73	49.64
2300.0	4600.0	6900.0	9200.0	14.24	10.92	44.79	54.98
2350.0	4700.0	7050.0	9400.0	13.72	11.17	43.74	53.14
2400.0	4800.0	7200.0	9600.0	13.29	11.28	44.45	54.75
2450.0	4900.0	7350.0	9800.0	13.25	10.97	44.18	51.08
2500.0	5000.0	7500.0	10000.0	13.82	9.97	43.48	43.41
2550.0	5100.0	7650.0	10200.0	15.29	8.37	41.99	33.09
2600.0	5200.0	7800.0	10400.0	13.70	9.68	45.07	41.29
2650.0	5300.0	7950.0	10600.0	13.77	9.49	44.32	46.64
2700.0	5400.0	8100.0	10800.0	13.78	9.64	44.06	50.01
2750.0	5500.0	8250.0	11000.0	14.00	8.92	43.40	55.30
2800.0	5600.0	8400.0	11200.0	13.81	8.82	42.69	59.58
2850.0	5700.0	8550.0	11400.0	13.95	8.48	41.99	61.60
2900.0	5800.0	8700.0	11600.0	14.15	7.97	41.34	61.38
2950.0	5900.0	8850.0	11800.0	14.14	7.84	40.93	61.34
3000.0	6000.0	9000.0	12000.0	14.54	7.35	38.88	57.59
3050.0	6100.0	9150.0	12200.0	14.72	6.84	36.86	53.57
3100.0	6200.0	9300.0	12400.0	15.09	6.25	34.95	50.43
3150.0	6300.0	9450.0	12600.0	15.43	5.80	34.28	47.00
3200.0	6400.0	9600.0	12800.0	15.15	5.79	33.38	46.68
3240.0	6480.0	9720.0	12960.0	14.69	6.16	33.34	45.88
3280.0	6560.0	9840.0	13120.0	14.35	5.90	32.40	47.80
3320.0	6640.0	9960.0	13280.0	14.27	5.63	31.48	47.45
3360.0	6720.0	10080.0	13440.0	14.07	5.99	30.57	50.04
3400.0	6800.0	10200.0	13600.0	14.34	6.00	30.77	50.14
3430.0	6860.0	10290.0	13720.0	14.00	6.16	30.88	50.66
3460.0	6920.0	10380.0	13840.0	13.97	5.74	31.03	50.59
3490.0	6980.0	10470.0	13960.0	13.67	6.28	31.01	50.64
3520.0	7040.0	10560.0	14080.0	13.60	5.79	29.73	47.58
3550.0	7100.0	10650.0	14200.0	13.58	5.57	29.66	45.42
3580.0	7160.0	10740.0	14320.0	14.22	5.44	29.37	43.79
3610.0	7220.0	10830.0	14440.0	14.65	4.48	28.90	43.00
3640.0	7280.0	10920.0	14560.0	14.86	4.29	29.57	41.92
3670.0	7340.0	11010.0	14680.0	15.03	4.36	29.42	41.92
3700.0	7400.0	11100.0	14800.0	15.41	3.62	29.58	41.08
3730.0	7460.0	11190.0	14920.0	15.44	3.54	29.20	41.22
3760.0	7520.0	11280.0	15040.0	15.77	3.31	29.15	39.88
3790.0	7580.0	11370.0	15160.0	16.02	2.52	29.45	38.60
3820.0	7640.0	11460.0	15280.0	16.26	2.19	28.26	37.09
3850.0	7700.0	11550.0	15400.0	16.62	1.92	35.20	36.96
3880.0	7760.0	11640.0	15520.0	17.08	1.40	34.52	36.89
3910.0	7820.0	11730.0	15640.0	17.30	1.48	32.56	38.77
3940.0	7880.0	11820.0	15760.0	17.13	1.12	31.44	38.52
3970.0	7940.0	11910.0	15880.0	16.97	0.99	31.57	39.38
4000.0	8000.0	12000.0	16000.0	17.23	1.13	30.89	39.85

* Harmonic Output below power level of X3 Output.



Frequency Multiplier (Tripler)

RMK-3-123+

Typical Performance Data

Test Conditions: RF Input Power = 17 dBm @ +85°C

FREQUENCY (MHz)				CONVERSION LOSS (dB)	HARMONIC OUTPUT* (-dBc)		
X1 OUTPUT	X2 OUTPUT	X3 OUTPUT	X4 OUTPUT	X3 OUTPUT	X1 OUTPUT	X2 OUTPUT	X4 OUTPUT
2200.0	4400.0	6600.0	8800.0	16.86	10.19	45.43	49.01
2250.0	4500.0	6750.0	9000.0	16.19	10.40	46.07	49.64
2300.0	4600.0	6900.0	9200.0	15.97	10.66	45.60	51.50
2350.0	4700.0	7050.0	9400.0	15.14	10.88	45.15	52.22
2400.0	4800.0	7200.0	9600.0	15.39	10.45	44.65	53.24
2450.0	4900.0	7350.0	9800.0	15.55	9.93	43.40	51.74
2500.0	5000.0	7500.0	10000.0	16.05	9.20	42.79	44.08
2550.0	5100.0	7650.0	10200.0	16.99	8.16	42.48	35.30
2600.0	5200.0	7800.0	10400.0	15.97	8.71	44.34	42.30
2650.0	5300.0	7950.0	10600.0	16.00	8.81	43.47	46.48
2700.0	5400.0	8100.0	10800.0	15.84	8.53	43.10	48.30
2750.0	5500.0	8250.0	11000.0	16.08	8.11	42.85	49.79
2800.0	5600.0	8400.0	11200.0	16.21	7.84	42.07	51.31
2850.0	5700.0	8550.0	11400.0	16.17	7.57	40.66	50.20
2900.0	5800.0	8700.0	11600.0	16.31	6.98	39.29	51.17
2950.0	5900.0	8850.0	11800.0	16.15	7.03	38.38	51.27
3000.0	6000.0	9000.0	12000.0	16.40	6.65	36.94	50.75
3050.0	6100.0	9150.0	12200.0	16.55	6.15	35.55	52.70
3100.0	6200.0	9300.0	12400.0	16.75	5.75	33.58	58.11
3150.0	6300.0	9450.0	12600.0	16.99	5.40	32.51	58.99
3200.0	6400.0	9600.0	12800.0	16.53	5.32	32.27	57.60
3240.0	6480.0	9720.0	12960.0	16.87	4.99	31.66	55.36
3280.0	6560.0	9840.0	13120.0	16.37	5.49	31.47	54.67
3320.0	6640.0	9960.0	13280.0	16.65	4.90	30.67	52.60
3360.0	6720.0	10080.0	13440.0	16.23	5.17	30.31	51.59
3400.0	6800.0	10200.0	13600.0	16.58	4.84	29.80	48.94
3430.0	6860.0	10290.0	13720.0	16.56	4.58	29.51	47.28
3460.0	6920.0	10380.0	13840.0	16.71	4.07	28.95	46.64
3490.0	6980.0	10470.0	13960.0	16.67	4.40	29.22	46.54
3520.0	7040.0	10560.0	14080.0	16.83	3.95	28.51	44.80
3550.0	7100.0	10650.0	14200.0	16.63	3.45	28.97	44.01
3580.0	7160.0	10740.0	14320.0	16.99	3.86	29.07	43.55
3610.0	7220.0	10830.0	14440.0	17.42	3.24	28.75	43.09
3640.0	7280.0	10920.0	14560.0	17.49	2.49	29.15	43.20
3670.0	7340.0	11010.0	14680.0	17.93	2.50	28.71	44.72
3700.0	7400.0	11100.0	14800.0	18.13	1.48	28.58	45.14
3730.0	7460.0	11190.0	14920.0	18.26	1.41	28.12	45.10
3760.0	7520.0	11280.0	15040.0	18.41	1.24	28.39	43.85
3790.0	7580.0	11370.0	15160.0	18.54	1.34	27.89	42.06
3820.0	7640.0	11460.0	15280.0	18.73	1.07	28.60	40.84
3850.0	7700.0	11550.0	15400.0	18.68	1.24	38.48	39.89
3880.0	7760.0	11640.0	15520.0	18.76	0.65	37.53	41.78
3910.0	7820.0	11730.0	15640.0	18.96	0.61	33.81	42.70
3940.0	7880.0	11820.0	15760.0	19.01	0.22	32.36	43.69
3970.0	7940.0	11910.0	15880.0	18.83	0.19	32.26	43.75
4000.0	8000.0	12000.0	16000.0	19.08	0.37	31.01	44.25

* Harmonic Output below power level of X3 Output.



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RF/MICROWAVE COMPONENTS



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