

Voltage Controlled Oscillator

ROS-ED12911A/1

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ OFFSET (kHz)	PHASE NOISE (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4			
0.00	50.74	1924.54	1917.63	1912.32	2.04	2.34	2.20	-19.73	-24.04	-57.29	-1.76	1	-78
1.00	47.54	1972.75	1965.75	1960.37	1.96	2.45	2.47	-25.77	-20.41	-63.75	-1.02	10	-103
2.00	50.74	2022.34	2014.53	2008.60	2.26	2.73	2.71	-24.70	-17.57	-64.23	-0.83	100	-123
3.00	55.31	2076.17	2067.41	2060.70	2.25	2.61	2.58	-22.28	-18.07	-58.66	-0.72	1000	-143
4.00	57.08	2133.70	2124.02	2116.53	1.81	2.09	1.99	-21.85	-21.60	-50.85	-0.41		
5.00	57.53	2191.64	2181.31	2173.19	2.08	2.37	2.23	-21.90	-27.13	-51.40	-0.29		
6.00	57.60	2249.71	2238.85	2230.18	2.65	2.90	2.70	-21.45	-30.68	-51.77	-0.14		
7.00	56.23	2306.88	2295.68	2286.66	3.27	3.49	3.25	-21.31	-35.84	-52.19	-0.08		
8.00	57.01	2363.58	2351.94	2342.47	3.58	3.85	3.62	-22.87	-37.29	-50.91	0.16		
9.00	55.05	2419.73	2407.41	2397.29	4.19	4.44	4.21	-22.37	-40.46	-51.96	0.32		
10.00	52.18	2473.39	2460.85	2450.55	4.79	5.04	4.77	-21.81	-42.65	-53.08	0.40		
11.00	49.44	2524.21	2511.53	2500.92	5.29	5.46	5.18	-21.11	-48.41	-51.07	0.57		
12.00	45.78	2571.94	2559.39	2548.66	5.64	5.83	5.48	-20.85	-54.79	-54.62	0.56		
13.00	40.82	2614.56	2602.38	2591.95	5.85	6.03	5.60	-21.54	-56.26	-56.27	0.64		
14.00	35.20	2651.65	2640.13	2630.08	5.86	5.95	5.44	-21.56	-58.81	-60.53	0.48		



P.O. Box 350186, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4861 For detailed performance specs & shopping online see Mini-Circuits web site



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RF/MICROWAVE COMPONENTS



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