

Voltage Controlled Oscillator

ROS-995-119+

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			
0.0	17.38	941.6	938.2	935.4	4.63	4.82	4.24	-24.3	-33.7	-41.7	0.37	1	-89
0.3	15.99	945.8	942.5	939.9	4.67	4.88	4.24	-24.4	-33.5	-41.5	0.30	10	-111
0.5	15.18	949.7	946.5	944.0	4.69	4.90	4.24	-24.3	-33.3	-40.8	0.28	100	-131
0.8	14.82	953.5	950.3	947.8	4.71	4.91	4.31	-24.4	-33.1	-40.7	0.26	1000	-152
1.0	14.70	957.2	954.0	951.5	4.72	4.92	4.35	-24.4	-32.9	-40.4	0.26		
1.3	14.69	960.9	957.7	955.1	4.73	4.93	4.38	-24.4	-32.9	-39.9	0.27		
1.5	14.79	964.6	961.4	958.8	4.73	4.94	4.40	-24.4	-32.7	-39.7	0.28		
1.8	15.03	968.4	965.1	962.4	4.71	4.93	4.41	-24.4	-32.6	-39.4	0.30		
2.0	15.26	972.2	968.8	966.1	4.68	4.92	4.42	-24.4	-32.5	-39.2	0.33		
2.3	15.39	976.0	972.6	969.9	4.71	4.89	4.44	-24.4	-32.4	-38.7	0.36		
2.5	15.56	979.9	976.5	973.7	4.76	4.94	4.47	-24.3	-32.4	-38.8	0.39		
2.8	15.80	983.9	980.4	977.6	4.77	4.97	4.46	-24.4	-32.1	-38.2	0.44		
3.0	16.03	987.9	984.3	981.5	4.75	4.96	4.42	-24.3	-32.2	-37.9	0.50		
3.3	16.17	991.9	988.3	985.5	4.73	4.95	4.39	-24.3	-32.1	-37.5	0.56		
3.5	16.32	996.0	992.4	989.5	4.69	4.92	4.41	-24.4	-32.0	-37.7	0.63		
3.8	16.37	1000.2	996.5	993.5	4.63	4.87	4.41	-24.3	-31.9	-37.8	0.69		
4.0	16.29	1004.3	1000.6	997.6	4.60	4.82	4.38	-24.2	-31.8	-37.5	0.76		
4.3	16.31	1008.4	1004.6	1001.6	4.54	4.80	4.37	-24.2	-31.7	-37.3	0.83		
4.5	16.04	1012.5	1008.7	1005.6	4.53	4.75	4.37	-24.2	-31.7	-37.0	0.90		
4.8	15.68	1016.5	1012.7	1009.6	4.54	4.72	4.35	-24.1	-31.6	-36.8	0.94		
5.0	15.54	1020.4	1016.6	1013.6	4.51	4.74	4.32	-24.1	-31.7	-36.9	1.00		
5.3	15.35	1024.4	1020.5	1017.5	4.45	4.72	4.26	-24.1	-31.5	-37.1	1.04		
5.5	15.12	1028.2	1024.4	1021.4	4.39	4.67	4.19	-24.0	-31.6	-36.9	1.08		
5.8	14.93	1032.0	1028.1	1025.1	4.31	4.62	4.19	-24.0	-31.5	-36.9	1.11		
6.0	14.66	1035.8	1031.9	1028.7	4.25	4.58	4.20	-24.1	-31.4	-36.6	1.13		

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