

Voltage Controlled Oscillator

ROS-950-219+

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	16.41	827.0	824.9	823.9	5.91	5.68	4.56	-20.9	-35.0	-47.9	0.65	1	-88
0.5	13.59	835.2	833.1	832.1	6.00	5.81	4.84	-20.9	-34.3	-44.2	0.29	10	-117
1.0	12.27	842.0	839.9	838.8	6.08	5.91	5.06	-20.6	-33.6	-41.3	0.20	100	-140
1.5	11.60	848.1	846.0	844.8	6.17	6.02	5.25	-20.3	-32.9	-39.5	0.16	1000	-157
2.0	11.29	854.0	851.8	850.6	6.23	6.10	5.40	-20.3	-32.5	-38.0	0.13		
2.5	11.21	859.6	857.5	856.2	6.29	6.16	5.50	-20.2	-32.1	-36.7	0.11		
3.0	11.31	865.3	863.1	861.7	6.37	6.21	5.59	-20.0	-32.0	-35.8	0.07		
3.5	11.52	871.0	868.7	867.3	6.45	6.26	5.66	-19.8	-31.4	-34.9	0.03		
4.0	11.80	876.7	874.5	873.0	6.55	6.32	5.73	-19.7	-31.2	-33.9	0.01		
4.5	12.10	882.6	880.4	878.9	6.65	6.36	5.78	-19.6	-31.1	-33.3	0.05		
5.0	12.34	888.6	886.4	885.0	6.75	6.39	5.82	-19.5	-31.2	-32.6	0.09		
5.5	12.49	894.7	892.6	891.3	6.85	6.42	5.84	-19.4	-31.4	-31.8	0.08		
6.0	12.51	900.8	898.9	897.6	6.93	6.43	5.85	-19.4	-31.5	-31.3	0.04		
6.5	12.39	906.9	905.1	904.0	7.01	6.44	5.85	-19.3	-31.9	-30.6	0.03		
7.0	12.15	912.9	911.3	910.3	7.07	6.44	5.86	-19.4	-32.3	-30.5	0.14		
7.5	11.87	918.8	917.4	916.5	7.10	6.43	5.85	-19.6	-32.5	-30.1	0.26		
8.0	11.40	924.6	923.3	922.6	7.08	6.37	5.81	-19.9	-33.0	-30.7	0.40		
8.5	10.94	930.2	929.0	928.4	7.10	6.37	5.81	-20.1	-33.5	-30.6	0.55		
9.0	10.43	935.6	934.5	933.9	7.10	6.36	5.80	-20.5	-33.9	-30.7	0.69		
9.5	9.92	940.8	939.7	939.2	7.09	6.34	5.78	-20.9	-34.2	-30.8	0.82		
10.0	9.42	945.7	944.7	944.2	7.06	6.30	5.75	-21.2	-34.2	-31.3	0.95		
10.5	8.91	950.4	949.4	948.9	7.03	6.25	5.71	-21.6	-34.1	-31.5	1.06		
11.0	8.42	954.8	953.8	953.4	7.00	6.20	5.66	-22.0	-34.2	-31.9	1.15		
11.5	7.94	959.0	958.0	957.6	6.96	6.15	5.61	-22.7	-33.9	-32.8	1.22		
12.0	7.47	962.9	962.0	961.6	6.91	6.09	5.55	-23.2	-33.4	-33.6	1.28		

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