

Voltage Controlled Oscillator

ROS-960-419+

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	29.30	842.9	838.0	836.4	4.96	4.78	4.06	-16.4	-25.7	-66.7	0.88	1	-88
0.3	26.77	850.0	845.4	843.8	5.03	4.88	4.05	-16.7	-24.8	-68.1	0.89	10	-113
0.5	25.58	856.6	852.1	850.6	4.96	4.85	4.02	-17.0	-24.3	-67.5	0.89	100	-134
0.8	25.18	862.9	858.5	857.2	4.86	4.78	3.94	-17.3	-24.0	-68.0	0.88	1000	-154
1.0	25.20	869.2	864.8	863.6	4.76	4.69	3.86	-17.4	-23.9	-61.5	0.88		
1.3	25.36	875.6	871.1	870.0	4.70	4.61	3.79	-17.5	-24.1	-61.9	0.87		
1.5	25.61	881.9	877.4	876.5	4.62	4.55	3.73	-17.7	-24.2	-71.2	0.84		
1.8	26.01	888.3	883.8	883.0	4.55	4.48	3.66	-17.8	-24.0	-71.2	0.81		
2.0	26.50	894.9	890.3	889.6	4.47	4.41	3.59	-18.0	-24.0	-69.2	0.77		
2.3	27.05	901.5	896.9	896.4	4.39	4.34	3.53	-18.2	-24.0	-66.7	0.74		
2.5	27.60	908.4	903.7	903.3	4.34	4.29	3.49	-18.4	-24.3	-66.8	0.70		
2.8	28.13	915.3	910.6	910.3	4.26	4.25	3.45	-18.5	-24.8	-66.6	0.65		
3.0	28.59	922.4	917.6	917.5	4.18	4.19	3.41	-18.8	-25.2	-65.8	0.59		
3.3	28.97	929.6	924.8	924.7	4.11	4.13	3.37	-19.0	-25.7	-63.7	0.52		
3.5	29.25	936.9	932.0	932.1	4.03	4.08	3.34	-19.2	-26.3	-62.9	0.44		
3.8	29.43	944.2	939.3	939.6	3.94	4.02	3.29	-19.5	-26.8	-63.6	0.36		
4.0	29.49	951.6	946.7	947.0	3.84	3.94	3.23	-19.8	-26.0	-57.3	0.26		
4.3	29.40	959.1	954.1	954.5	3.76	3.87	3.17	-20.0	-24.3	-56.4	0.17		
4.5	29.16	966.4	961.4	962.0	3.69	3.81	3.11	-20.4	-21.7	-56.7	0.07		
4.8	28.83	973.7	968.7	969.4	3.64	3.76	3.06	-20.7	-19.0	-57.8	0.02		
5.0	28.43	981.0	975.9	976.7	3.61	3.72	3.01	-21.0	-16.2	-59.7	0.10		
5.3	28.09	988.1	983.0	983.9	3.64	3.69	2.94	-21.3	-13.6	-59.5	0.15		
5.5	27.80	995.2	990.0	991.1	3.74	3.69	2.88	-21.8	-11.8	-62.6	0.18		
5.8	27.53	1002.1	997.0	998.2	3.84	3.68	2.81	-22.4	-10.8	-56.7	0.19		
6.0	27.21	1009.0	1003.9	1005.4	3.85	3.64	2.69	-23.1	-10.4	-57.0	0.19		

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