

Voltage Controlled Oscillator

ROS-1015-119+

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	14.17	723.9	722.6	721.6	6.71	6.66	6.15	-16.5	-41.1	-36.0	0.49	1	-83
0.5	12.87	731.0	729.7	728.7	6.58	6.61	6.19	-16.9	-40.1	-35.3	0.27	10	-112
2.0	11.27	749.7	748.4	747.3	6.31	6.48	6.26	-17.7	-37.4	-32.4	0.05	100	-134
3.0	11.76	761.0	759.6	758.4	6.24	6.42	6.28	-17.9	-36.1	-31.2	0.08	1000	-154
4.0	12.68	772.9	771.4	770.0	6.21	6.38	6.29	-18.4	-35.4	-29.9	0.05		
5.0	13.67	785.5	784.1	782.6	6.18	6.32	6.28	-19.2	-34.0	-30.4	0.03		
6.0	14.48	799.1	797.7	796.2	6.16	6.25	6.26	-19.8	-33.5	-30.0	0.20		
7.0	15.02	813.5	812.2	810.7	6.13	6.18	6.20	-20.3	-31.8	-31.5	0.43		
8.0	15.29	828.5	827.2	825.7	6.13	6.11	6.14	-20.9	-30.5	-31.8	0.71		
9.0	15.40	843.7	842.5	841.0	6.11	6.04	6.06	-21.6	-29.4	-33.0	0.99		
10.0	15.40	859.1	857.9	856.3	6.11	5.98	5.96	-22.1	-27.7	-34.3	1.23		
11.0	15.30	874.5	873.3	871.7	6.15	5.95	5.88	-22.2	-27.3	-34.9	1.44		
12.0	14.99	889.9	888.6	886.9	6.20	5.96	5.81	-22.8	-26.0	-35.7	1.62		
13.0	14.49	905.1	903.6	901.9	6.23	5.97	5.75	-23.2	-25.6	-34.9	1.77		
14.0	13.82	919.7	918.1	916.4	6.25	5.96	5.66	-23.1	-24.8	-35.1	1.89		
15.0	13.07	933.6	931.9	930.3	6.23	5.92	5.55	-23.3	-24.3	-35.2	1.98		
16.0	12.30	946.8	945.0	943.4	6.23	5.88	5.43	-23.3	-24.1	-35.1	2.02		
17.0	11.51	959.1	957.3	955.6	6.22	5.83	5.33	-23.4	-23.9	-35.1	1.99		
18.0	10.71	970.6	968.8	967.1	6.22	5.80	5.24	-23.1	-23.9	-35.2	1.89		
19.0	9.89	981.3	979.5	977.7	6.23	5.77	5.17	-23.1	-23.9	-34.7	1.73		
20.0	9.12	991.2	989.4	987.5	6.22	5.72	5.09	-23.1	-23.4	-35.3	1.53		
21.0	8.35	1000.4	998.5	996.5	6.18	5.67	5.02	-23.4	-23.5	-34.7	1.34		
22.0	7.68	1008.8	1006.9	1004.8	6.15	5.62	4.94	-23.1	-23.9	-34.6	1.17		
23.0	7.07	1016.4	1014.6	1012.4	6.11	5.56	4.86	-22.8	-23.6	-35.4	1.03		
24.0	6.45	1023.5	1021.6	1019.4	6.06	5.49	4.77	-22.6	-23.2	-35.3	0.93		
25.0	5.90	1030.0	1028.1	1025.8	6.03	5.42	4.68	-22.5	-23.0	-34.8	0.85		
26.0	5.35	1035.9	1034.0	1031.6	5.98	5.35	4.59	-22.6	-23.2	-34.8	0.81		
27.0	4.72	1041.2	1039.3	1036.9	5.90	5.26	4.51	-22.8	-23.4	-35.2	0.77		
28.0	4.08	1046.0	1044.1	1041.4	5.83	5.17	4.44	-22.6	-23.6	-35.4	0.70		
29.0	3.57	1050.1	1048.1	1045.4	5.77	5.11	4.37	-22.5	-23.4	-35.1	0.63		
30.0	3.57	1053.8	1051.7	1048.8	5.70	5.04	4.31	-22.4	-23.2	-34.6	0.53		

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