

Voltage Controlled Oscillator

ROS-ED10089A/3

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			
1.0	12.41	1015.6	1009.8	1005.6	2.83	3.30	3.23	-42.22	-17.08	-25.67	0.17	1	-89
2.0	12.44	1028.0	1022.1	1017.9	2.89	3.41	3.33	-36.02	-16.69	-27.73	0.21	10	-114
3.0	12.50	1040.4	1034.6	1030.4	3.05	3.44	3.33	-29.53	-15.67	-29.31	0.21	100	-134
4.0	11.97	1052.5	1046.9	1042.8	3.11	3.40	3.28	-25.22	-14.47	-30.28	0.15	1000	-154
5.0	10.99	1063.8	1058.4	1054.3	3.06	3.32	3.20	-22.60	-13.11	-31.06	0.09		
6.0	9.93	1074.2	1068.9	1064.7	2.88	3.28	3.23	-21.04	-12.22	-32.32	0.06		
7.0	8.97	1083.7	1078.4	1074.1	2.80	3.29	3.30	-20.13	-11.78	-33.19	0.05		
8.0	8.17	1092.3	1087.0	1082.6	2.72	3.31	3.34	-19.42	-11.20	-34.14	0.05		
9.0	7.49	1100.2	1094.9	1090.4	2.72	3.36	3.42	-18.85	-10.88	-35.15	0.04		
10.0	6.90	1107.5	1102.1	1097.5	2.69	3.41	3.50	-18.52	-10.60	-35.68	0.05		
11.0	6.39	1114.2	1108.8	1104.1	2.76	3.47	3.57	-18.21	-10.37	-36.17	0.04		
12.0	5.91	1120.4	1115.0	1110.2	2.88	3.52	3.59	-17.96	-10.07	-36.59	0.04		
13.0	5.48	1126.2	1120.7	1115.9	2.93	3.56	3.59	-17.79	-9.77	-36.93	0.05		
14.0	5.08	1131.6	1126.0	1121.1	2.93	3.60	3.63	-17.66	-9.40	-36.99	0.05		
15.0	4.70	1136.5	1130.9	1126.0	2.94	3.65	3.69	-17.54	-9.11	-36.98	0.05		