

Voltage Controlled Oscillator

ROS-368-119+

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			
0.00	8.17	338.8	337.2	335.7	1.90	2.19	2.11	-17.66	-34.02	-45.22	0.22	1	-97
0.50	6.57	342.7	341.2	340.0	1.84	2.23	2.20	-18.28	-34.35	-43.39	0.10	10	-121
1.00	5.85	345.9	344.5	343.3	1.85	2.29	2.27	-18.56	-34.54	-42.97	0.05	100	-141
1.50	5.49	348.9	347.4	346.3	1.88	2.35	2.32	-18.75	-34.82	-42.72	0.03	1000	-160
2.00	5.32	351.6	350.2	349.0	1.92	2.40	2.37	-18.90	-34.94	-42.47	0.00		
2.50	5.27	354.3	352.9	351.6	1.97	2.45	2.41	-18.97	-34.93	-42.48	0.01		
3.00	5.30	357.0	355.5	354.3	2.02	2.50	2.45	-19.12	-34.77	-42.43	0.02		
3.50	5.41	359.7	358.1	356.9	2.07	2.54	2.48	-19.34	-34.68	-42.22	0.03		
4.00	5.59	362.5	360.8	359.6	2.12	2.58	2.50	-19.51	-34.84	-42.06	0.03		
4.50	5.83	365.3	363.6	362.4	2.17	2.62	2.53	-19.66	-34.98	-42.19	0.04		
5.00	6.11	368.3	366.6	365.2	2.23	2.65	2.55	-19.76	-34.83	-42.27	0.03		
5.50	6.44	371.4	369.6	368.3	2.28	2.68	2.57	-19.94	-34.53	-41.97	0.03		
6.00	6.80	374.7	372.8	371.5	2.32	2.71	2.59	-20.20	-34.16	-41.83	0.01		
6.50	7.15	378.1	376.2	374.8	2.36	2.72	2.60	-20.59	-34.07	-41.78	0.03		
7.00	7.46	381.7	379.8	378.4	2.39	2.72	2.60	-20.99	-34.03	-41.30	0.08		
7.50	7.70	385.5	383.5	382.1	2.41	2.72	2.60	-21.22	-34.01	-40.78	0.16		
8.00	7.84	389.3	387.4	385.9	2.40	2.69	2.59	-21.24	-34.05	-40.29	0.24		
8.50	7.88	393.2	391.3	389.8	2.38	2.66	2.57	-21.32	-34.13	-39.57	0.34		
9.00	7.81	397.2	395.2	393.7	2.34	2.62	2.55	-21.64	-34.14	-39.05	0.43		
9.50	7.63	401.1	399.1	397.6	2.27	2.57	2.52	-22.10	-34.29	-38.42	0.50		
10.00	7.38	404.9	403.0	401.4	2.20	2.52	2.49	-22.40	-34.68	-37.61	0.56		
10.50	7.07	408.6	406.7	405.0	2.12	2.48	2.47	-22.55	-34.89	-37.06	0.59		
11.00	6.73	412.2	410.2	408.5	2.04	2.43	2.44	-22.54	-34.92	-36.33	0.60		
11.50	6.38	415.6	413.5	411.9	1.96	2.39	2.42	-22.65	-35.20	-35.63	0.60		
12.00	6.38	418.8	416.7	415.0	1.89	2.36	2.40	-22.90	-35.68	-35.24	0.58		

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