

Voltage Controlled Oscillator

ROS-71-119+

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	6.40	55.6	53.8	53.2	1.92	0.61	-0.92	-28.4	-42.3	-45.4	0.13	1	-93
0.3	5.63	57.0	55.4	55.0	2.56	1.54	0.13	-28.0	-42.6	-45.3	0.00	10	-114
0.5	4.61	58.2	56.8	56.4	3.06	2.30	1.00	-28.0	-42.2	-45.4	0.13	100	-134
0.8	4.61	59.3	57.9	57.7	3.66	2.89	1.69	-28.6	-42.9	-46.0	0.00	1000	-153
1.0	4.10	60.3	59.1	58.8	4.25	3.42	2.29	-29.7	-44.6	-46.6	0.00		
1.3	3.84	61.2	60.1	59.8	4.62	3.77	2.73	-30.8	-45.9	-47.2	0.13		
1.5	3.84	62.2	61.1	60.9	4.86	4.02	3.05	-31.6	-46.9	-47.6	0.13		
1.8	3.58	63.1	62.0	61.8	4.99	4.20	3.30	-32.1	-48.0	-48.0	0.13		
2.0	3.58	64.0	62.9	62.7	5.06	4.32	3.49	-32.2	-48.5	-48.0	0.26		
2.3	3.58	64.9	63.8	63.6	5.09	4.41	3.64	-32.0	-48.9	-48.3	0.00		
2.5	3.58	65.7	64.7	64.5	5.10	4.47	3.77	-31.6	-49.1	-48.3	0.00		
2.8	3.58	66.6	65.6	65.3	5.10	4.52	3.87	-31.1	-49.4	-48.5	0.00		
3.0	3.33	67.5	66.5	66.2	5.09	4.56	3.95	-30.5	-49.2	-48.7	0.26		
3.3	3.58	68.4	67.3	67.1	5.09	4.59	4.02	-30.0	-49.2	-49.0	0.13		
3.5	3.58	69.1	68.2	68.0	5.08	4.62	4.09	-29.5	-49.3	-49.0	0.13		
3.8	3.33	70.0	69.1	68.9	5.08	4.64	4.14	-29.1	-49.2	-49.3	0.13		
4.0	3.58	70.8	70.0	69.7	5.08	4.66	4.19	-28.7	-49.1	-49.3	0.13		
4.3	3.58	71.7	70.8	70.6	5.08	4.68	4.24	-28.3	-49.2	-49.6	0.13		
4.5	3.84	72.6	71.7	71.5	5.08	4.70	4.28	-28.0	-49.2	-49.7	0.13		
4.8	3.58	73.5	72.7	72.4	5.08	4.73	4.31	-27.6	-49.1	-50.1	0.26		
5.0	3.58	74.4	73.6	73.3	5.08	4.75	4.35	-27.4	-49.2	-50.2	0.13		
5.3	3.84	75.3	74.5	74.2	5.08	4.77	4.38	-27.1	-49.0	-50.5	0.13		
5.5	3.84	76.3	75.5	75.1	5.09	4.78	4.41	-26.9	-48.9	-50.9	0.26		
5.8	4.10	77.2	76.4	76.2	5.11	4.80	4.44	-26.7	-48.8	-51.3	0.00		
6.0	3.84	78.1	77.4	77.1	5.13	4.82	4.47	-26.6	-48.5	-51.7	0.13		

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