

Voltage Controlled Oscillator

ROS-200-619+

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	24.58	136.3	133.8	132.7	-0.08	0.54	0.43	-9.7	-29.4	-45.4	0.77	1	-91
0.25	21.25	142.2	140.0	138.8	-0.11	0.59	0.62	-10.6	-30.0	-46.5	0.51	10	-114
0.50	18.94	147.3	145.3	144.3	-0.11	0.63	0.72	-11.4	-30.9	-46.5	0.51	100	-135
0.75	17.92	152.1	150.0	149.0	-0.09	0.67	0.79	-12.3	-31.2	-47.4	0.26	1000	-154
1.00	16.64	156.5	154.5	153.5	-0.07	0.72	0.86	-13.2	-31.6	-47.3	0.38		
1.25	16.13	160.6	158.7	157.6	-0.03	0.78	0.93	-13.8	-32.1	-48.0	0.38		
1.50	15.10	164.7	162.7	161.6	0.04	0.84	0.99	-14.4	-32.1	-47.7	0.38		
1.75	14.85	168.5	166.5	165.4	0.14	0.90	1.04	-15.0	-32.0	-46.8	0.38		
2.00	14.59	172.2	170.2	169.2	0.19	0.94	1.07	-15.7	-32.1	-45.8	0.26		
2.25	14.34	175.8	173.8	172.7	0.17	0.94	1.08	-16.5	-32.2	-44.5	0.38		
2.50	14.08	179.4	177.4	176.3	0.13	0.93	1.09	-17.0	-32.5	-43.9	0.26		
2.75	14.08	182.8	180.9	179.9	0.09	0.91	1.09	-17.4	-33.2	-44.0	0.26		
3.00	13.31	186.4	184.4	183.4	0.05	0.90	1.09	-17.8	-33.7	-43.9	0.13		
3.25	13.57	189.8	187.8	186.7	0.00	0.87	1.08	-18.2	-33.8	-44.1	0.38		
3.50	12.80	193.1	191.2	190.1	-0.05	0.85	1.06	-18.8	-33.8	-44.3	0.26		
3.75	12.80	196.3	194.4	193.3	-0.10	0.81	1.03	-19.3	-34.1	-44.1	0.13		
4.00	12.29	199.5	197.6	196.4	-0.16	0.76	0.98	-19.7	-34.5	-44.1	0.26		
4.25	11.78	202.5	200.6	199.6	-0.23	0.70	0.93	-19.9	-34.7	-44.5	0.38		
4.50	11.01	205.4	203.6	202.5	-0.31	0.63	0.86	-20.1	-34.5	-44.3	0.13		
4.75	11.01	208.3	206.3	205.4	-0.41	0.55	0.78	-20.4	-34.4	-44.2	0.26		
5.00	10.50	210.9	209.1	208.1	-0.52	0.44	0.69	-20.6	-34.6	-44.3	0.26		
5.25	10.24	213.6	211.7	210.8	-0.64	0.34	0.59	-21.0	-34.8	-44.3	0.26		
5.50	9.73	216.1	214.3	213.2	-0.77	0.23	0.48	-21.4	-34.9	-43.8	0.38		
5.75	9.22	218.4	216.7	215.7	-0.90	0.11	0.38	-21.7	-34.7	-43.4	0.26		
6.00	8.45	220.7	219.0	218.0	-1.04	-0.01	0.27	-21.9	-34.5	-43.3	0.51		

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