

Voltage Controlled Oscillator

ROS-ED12752/1

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	222.63	3790.1	3753.5	3734.2	4.50	3.94	3.51	-36.33	-47.89	-68.14	0.42	1	-64
0.5	176.49	3887.3	3853.5	3835.0	4.01	4.07	3.97	-34.80	-43.96	-68.03	1.04	10	-89
1.0	159.44	3972.4	3939.4	3920.6	4.12	3.72	3.35	-35.77	-48.15	-67.47	0.99	100	-110
1.5	151.15	4051.4	4018.3	3999.1	3.70	3.69	3.60	-36.26	-49.87	-68.51	1.26	1000	-130
2.0	147.77	4127.2	4094.5	4074.9	4.15	3.59	3.26	-37.89	-54.89	-68.04	1.50		
2.5	144.13	4202.5	4169.8	4149.5	3.60	3.74	3.46	-39.56	-54.97	-66.92	1.60		
3.0	145.79	4277.6	4243.9	4222.6	4.20	3.75	3.59	-38.88	-55.93	-68.69	1.73		
3.5	141.04	4351.1	4317.8	4296.0	3.98	3.77	3.26	-38.30	-54.90	-66.43	1.72		
4.0	136.80	4424.1	4390.7	4367.7	3.97	3.93	3.73	-38.56	-54.36	-66.69	1.66		
4.5	130.86	4493.5	4460.1	4437.0	4.22	3.73	3.23	-38.81	-56.39	-66.48	0.90		
5.0	117.73	4556.8	4524.5	4501.2	3.95	3.95	3.64	-38.28	-65.35	-66.64	0.19		
5.5	100.86	4612.5	4581.9	4558.0	4.37	3.90	3.50	-37.00	-64.16	-67.35	1.46		
6.0	91.71	4660.4	4630.9	4606.2	4.15	3.71	3.02	-37.27	-64.33	-64.19	2.41		
6.5	79.62	4701.2	4672.4	4648.1	3.90	3.79	3.23	-36.60	-63.60	-66.08	2.97		
7.0	64.08	4734.0	4706.9	4680.9	4.04	3.99	3.43	-36.84	-63.89	-55.90	2.87		
7.5	50.17	4760.9	4734.8	4708.8	4.15	4.02	3.42	-37.36	-61.54	-66.26	2.15		
8.0	38.48	4782.8	4756.6	4728.7	4.19	3.95	3.23	-36.27	-61.83	-61.76	0.65		
8.5	28.25	4796.6	4773.6	4743.9	3.92	3.82	2.96	-36.52	-63.14	-62.42	0.08		
9.0	22.35	4807.7	4786.2	4756.0	3.62	3.69	2.82	-37.01	-66.66	-60.35	0.89		