

Voltage Controlled Oscillator

ROS-ED11069A/2

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	98.62	418.6	411.2	408.9	0.18	0.26	-0.60	-15.13	-31.95	-37.29	2.72	1	-76
0.5	92.91	471.3	462.2	455.1	0.60	0.66	0.62	-18.18	-32.43	-35.06	2.85	10	-102
1.0	76.14	513.8	504.2	496.7	0.74	0.95	0.91	-20.23	-33.64	-34.03	0.91	100	-122
1.5	74.76	550.9	540.8	534.4	1.02	0.98	0.67	-20.78	-38.36	-33.26	0.66	1000	-142
2.0	78.01	587.7	579.1	572.2	0.69	0.70	0.61	-22.84	-42.53	-34.30	0.48		
2.5	75.52	627.1	617.7	610.1	0.27	0.48	0.40	-24.86	-39.25	-37.39	0.90		
3.0	66.52	663.0	653.5	645.6	0.04	0.29	0.32	-26.86	-36.54	-41.20	1.86		
3.5	50.76	692.3	683.1	675.2	-0.19	0.16	0.15	-28.05	-35.42	-42.08	2.41		
4.0	31.98	712.8	704.0	695.9	-0.36	0.11	0.25	-28.49	-34.49	-39.63	1.82		
4.5	18.01	725.1	716.4	707.7	-0.49	-0.08	0.04	-28.22	-34.46	-37.69	0.83		
5.0	10.28	732.2	723.5	714.0	-0.57	-0.17	-0.12	-28.08	-34.91	-36.48	0.14		
5.5	6.07	736.5	727.8	717.5	-0.53	-0.13	-0.11	-27.88	-35.02	-36.27	0.34		
6.0	3.92	739.2	730.4	719.4	-0.64	-0.25	-0.26	-27.87	-35.18	-36.25	0.71		