

Voltage Controlled Oscillator

ROS-ED12617/4

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	23.79	455.26	452.57	450.29	-0.35	-0.79	-1.08	-13.70	-37.90	-35.19	0.91	1	-89
0.5	19.09	465.75	463.22	461.03	-0.13	-0.65	-1.13	-14.52	-38.17	-35.66	0.64	10	-114
1.0	17.51	474.80	472.34	470.08	0.04	-0.57	-1.00	-15.63	-38.18	-36.04	0.51	100	-134
1.5	17.02	483.41	480.96	478.57	0.16	-0.48	-0.87	-16.56	-38.11	-36.57	0.46	1000	-154
2.0	16.92	491.98	489.44	486.91	0.20	-0.39	-0.73	-17.03	-38.09	-36.73	0.43		
2.5	16.99	500.58	497.92	495.25	0.26	-0.28	-0.60	-17.78	-37.91	-37.00	0.44		
3.0	17.03	509.17	506.42	503.65	0.33	-0.19	-0.50	-18.68	-37.79	-36.49	0.50		
3.5	16.98	517.78	514.94	512.07	0.33	-0.12	-0.39	-19.32	-37.29	-35.03	0.62		
4.0	16.57	526.28	523.35	520.38	0.39	-0.03	-0.29	-19.79	-37.56	-34.45	0.71		
4.5	16.08	534.53	531.53	528.49	0.49	0.12	-0.15	-20.51	-38.16	-33.75	0.79		
5.0	15.46	542.50	539.43	536.31	0.60	0.25	0.01	-21.18	-38.57	-33.54	0.86		
5.5	14.72	550.14	547.01	543.80	0.66	0.38	0.16	-21.51	-39.46	-32.61	0.89		
6.0	13.97	557.42	554.21	550.91	0.74	0.49	0.31	-21.72	-40.08	-32.31	0.91		