

Voltage Controlled Oscillator

ROS-EDR5343

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			
0.2	29.38	831.0	828.2	825.1	3.45	3.51	2.84	-16.5	-23.7	-21.7	-0.02	1	-88
0.4	27.62	836.5	833.8	830.6	3.35	3.46	2.87	-16.5	-23.1	-21.0	0.00	10	-111
0.6	27.01	841.7	839.2	835.9	3.17	3.34	2.87	-16.7	-22.7	-21.4	0.02	100	-131
0.8	25.83	847.0	844.3	840.9	2.98	3.34	2.84	-17.0	-22.2	-22.1	0.02	1000	-146
1.0	24.83	852.0	849.3	845.9	2.97	3.32	2.80	-17.5	-22.4	-22.1	0.03		
1.2	24.71	857.0	854.2	850.9	2.89	3.27	2.78	-17.6	-22.2	-22.0	0.03		
1.4	24.78	862.0	859.2	855.8	2.80	3.22	2.77	-17.7	-21.6	-22.4	0.04		
1.6	24.98	867.1	864.2	860.7	2.70	3.16	2.74	-17.8	-21.1	-22.4	0.05		
1.8	25.25	872.2	869.2	865.7	2.62	3.10	2.71	-18.1	-20.4	-22.1	0.05		
2.0	25.60	877.4	874.4	870.7	2.53	3.03	2.68	-18.1	-20.1	-22.5	0.06		
2.2	25.99	882.7	879.6	875.8	2.41	2.96	2.65	-18.1	-20.0	-22.5	0.06		
2.4	26.46	888.2	884.8	881.0	2.35	2.88	2.61	-18.1	-19.7	-22.3	0.07		
2.6	26.94	893.6	890.2	886.4	2.32	2.80	2.57	-18.3	-20.2	-22.6	0.07		
2.8	27.71	899.2	895.8	891.8	2.27	2.72	2.55	-18.5	-20.5	-22.7	0.08		
3.0	28.07	904.8	901.4	897.3	2.22	2.69	2.53	-18.6	-20.7	-22.1	0.07		
3.2	28.26	910.5	907.0	902.9	2.16	2.67	2.50	-18.8	-21.0	-22.8	0.07		
3.4	28.64	916.4	912.8	908.5	2.09	2.64	2.48	-19.0	-21.3	-24.0	0.06		
3.6	29.01	922.3	918.6	914.2	2.07	2.61	2.45	-19.2	-21.6	-23.8	0.05		
3.8	29.26	928.2	924.4	920.1	2.04	2.57	2.42	-19.3	-22.4	-23.9	0.04		
4.0	29.46	934.1	930.3	926.0	1.99	2.53	2.40	-19.4	-23.4	-25.0	0.03		