

Voltage Controlled Oscillator

ROS-ED12782/1

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	131.67	1723.3	1706.8	1706.3	6.43	7.05	7.06	-15.52	-26.63	-40.07	0.82	1	-72
0.5	109.01	1781.0	1766.2	1757.4	6.64	7.34	7.51	-15.43	-25.67	-40.45	0.23	10	-97
1.0	93.99	1829.8	1816.2	1808.1	6.68	7.37	7.52	-15.92	-24.70	-40.11	0.17	100	-119
1.5	94.42	1876.9	1863.0	1854.5	6.58	7.28	7.47	-17.03	-24.34	-39.91	0.00	1000	-139
2.0	89.43	1922.3	1908.7	1900.4	6.55	7.22	7.39	-17.56	-24.43	-39.60	0.15		
2.5	91.71	1967.8	1953.5	1944.8	6.58	7.27	7.43	-17.38	-24.48	-36.87	0.39		
3.0	90.81	2013.7	1999.4	1990.4	6.76	7.38	7.55	-17.52	-24.99	-35.71	0.58		
3.5	90.00	2059.1	2044.5	2035.2	6.80	7.46	7.62	-17.24	-25.45	-34.13	0.64		
4.0	87.15	2104.2	2089.4	2079.8	6.92	7.49	7.61	-17.33	-25.46	-33.59	0.35		
4.5	80.14	2146.0	2131.1	2121.4	6.91	7.53	7.67	-17.78	-25.37	-33.23	0.52		
5.0	72.86	2184.8	2169.7	2159.7	6.89	7.54	7.73	-18.32	-25.65	-32.51	1.81		
5.5	63.15	2218.7	2203.7	2193.7	6.99	7.57	7.74	-19.05	-26.20	-32.89	3.31		
6.0	54.33	2248.0	2233.0	2223.1	7.08	7.62	7.78	-19.90	-26.41	-34.05	4.56		