

Voltage Controlled Oscillator

ROS-ED10746/2

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			
2.0	76.50	1072.7	1052.8	1036.6	6.80	5.81	4.43	-8.7	-32.6	-35.5	0.37	1	-75
4.0	74.50	1218.6	1201.4	1186.5	7.22	6.12	4.94	-9.3	-27.1	-30.0	0.16	10	-100
6.0	63.50	1353.7	1337.8	1324.7	7.30	6.50	5.29	-10.2	-24.1	-28.3	0.58	100	-120
8.0	78.70	1487.8	1474.5	1464.0	7.27	6.51	5.64	-13.0	-25.3	-30.6	0.98	1000	-140
10.0	79.00	1648.4	1630.7	1616.4	5.80	5.55	5.01	-27.4	-23.3	-42.7	0.38		
12.0	67.80	1800.4	1782.5	1766.9	6.05	5.74	5.10	-38.2	-24.9	-47.1	1.44		
14.0	65.50	1936.9	1917.8	1902.2	6.03	5.74	5.09	-42.1	-23.6	-55.5	2.37		
16.0	49.65	2051.7	2031.9	2014.1	6.07	5.77	5.21	-33.6	-24.4	-54.2	0.86		
18.0	42.25	2143.5	2122.0	2102.3	6.10	5.87	5.45	-31.3	-26.1	-51.1	1.09		
20.0	33.07	2215.4	2192.2	2171.5	6.01	5.89	5.42	-31.5	-28.4	-47.3	2.54		