

Voltage Controlled Oscillator

ROS-EDR4566

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			
0.5	46.30	1784.4	1774.3	1766.5	4.67	5.45	4.99	-19.4	-42.8	-34.9	0.00	1	-71
1.0	43.30	1805.8	1796.0	1787.2	4.16	5.18	4.95	-20.0	-41.2	-34.8	0.13	10	-99
1.5	44.70	1828.4	1818.3	1809.6	3.93	4.76	4.72	-21.2	-39.5	-35.7	0.32	100	-121
2.0	49.00	1853.0	1842.8	1834.1	3.46	4.35	4.48	-22.0	-37.7	-35.4	0.32	1000	-142
2.5	51.20	1878.4	1868.4	1858.4	3.06	4.06	4.19	-22.7	-35.7	-36.1	-0.06		
3.0	50.80	1905.3	1893.8	1883.2	2.88	3.74	3.92	-23.5	-34.7	-35.6	-0.90		
3.5	45.10	1927.5	1916.4	1906.5	2.52	3.63	3.88	-24.1	-34.1	-34.8	-1.60		
4.0	39.00	1947.3	1935.9	1926.4	2.49	3.38	3.58	-25.0	-33.4	-35.7	-2.05		
4.5	33.00	1965.1	1952.4	1942.5	2.32	3.24	3.50	-26.0	-32.9	-35.6	-1.98		
5.0	25.00	1977.5	1964.9	1955.7	2.23	3.22	3.37	-26.3	-33.0	-36.1	-1.41		