

Voltage Controlled Oscillator

ROS-ED7337/5

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	58.00	1714.4	1707.7	1697.8	6.12	6.40	6.35	-24.1	-36.1	-41.8	0.57	1	-75
1.0	45.50	1737.3	1730.4	1720.2	6.39	6.52	6.78	-24.4	-35.1	-38.1	1.09	10	-100
1.5	39.30	1757.1	1750.1	1739.5	6.58	6.88	7.11	-24.7	-35.0	-39.0	1.46	100	-120
2.0	35.50	1775.1	1767.9	1756.9	6.86	7.27	7.31	-25.0	-35.3	-38.7	1.75	1000	-140
2.5	32.70	1791.8	1784.2	1772.8	7.11	7.41	7.66	-25.7	-35.4	-38.6	2.01		
3.0	31.00	1807.6	1799.7	1787.9	7.25	7.67	7.83	-26.0	-35.5	-38.7	2.22		
3.5	29.50	1822.6	1814.4	1802.1	7.47	7.75	8.01	-26.3	-35.5	-38.2	2.42		
4.0	28.20	1837.0	1828.5	1815.8	7.71	7.96	8.15	-26.9	-34.7	-37.9	2.57		
4.5	27.10	1850.8	1842.0	1828.7	7.88	8.21	8.29	-27.4	-35.2	-37.9	2.68		
5.0	26.20	1864.2	1855.1	1841.2	8.16	8.45	8.53	-27.9	-35.6	-38.6	2.70		