

Voltage Controlled Oscillator

ROS-ED10766B/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			
0.5	20.75	1755.3	1751.6	1746.7	6.50	7.07	7.18	-35.1	-38.7	-50.5	0.71	1	-81
1.0	20.27	1765.9	1761.9	1756.5	6.30	6.90	7.01	-36.5	-38.6	-51.9	0.74	10	-106
1.5	20.71	1776.4	1772.1	1766.1	6.18	6.77	6.88	-38.6	-38.4	-53.2	0.76	100	-126
2.0	21.39	1787.3	1782.6	1776.3	6.09	6.65	6.76	-41.3	-38.4	-54.2	0.79	1000	-146
2.5	22.23	1798.5	1793.5	1786.8	6.00	6.55	6.66	-44.2	-38.3	-55.7	0.81		
3.0	22.67	1809.9	1804.7	1797.7	5.97	6.48	6.59	-45.8	-38.5	-59.2	0.84		
3.5	22.69	1821.4	1816.1	1808.8	5.95	6.44	6.55	-43.9	-38.6	-64.5	0.86		
4.0	22.24	1832.6	1827.3	1819.7	5.95	6.41	6.50	-40.7	-38.8	-65.7	0.89		
4.5	21.49	1843.5	1838.3	1830.5	5.93	6.39	6.46	-38.0	-39.0	-58.1	0.93		
5.0	20.53	1853.9	1848.8	1840.9	5.90	6.37	6.43	-35.9	-39.5	-54.6	0.98		