

Voltage Controlled Oscillator

ROS-ED6936/6

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	64.30	1687.8	1684.2	1678.6	6.75	7.18	7.83	-28.8	-38.8	-44.0	1.40	1	-70
1.0	54.30	1714.9	1711.3	1705.7	7.16	7.69	8.42	-29.5	-36.8	-43.6	1.64	10	-97
1.5	49.80	1739.9	1736.2	1730.3	7.60	8.11	8.76	-30.2	-36.0	-43.2	2.14	100	-117
2.0	47.30	1763.6	1759.9	1753.6	8.00	8.47	9.11	-31.1	-34.9	-44.1	2.70	1000	-137
2.5	45.30	1786.4	1782.5	1775.9	8.20	8.41	9.11	-31.5	-33.9	-44.7	3.00		
3.0	44.90	1809.0	1805.0	1797.8	8.12	8.59	9.31	-31.3	-33.0	-43.5	3.67		
3.5	44.50	1831.5	1827.2	1819.5	8.03	8.46	9.32	-30.7	-32.7	-43.7	4.47		
4.0	44.30	1853.8	1849.3	1840.9	8.30	8.70	9.35	-30.1	-32.1	-43.8	4.92		
4.5	43.90	1876.1	1871.3	1862.0	8.52	8.88	9.52	-29.6	-32.1	-44.2	5.98		
5.0	43.50	1898.2	1893.1	1882.7	8.70	9.00	9.60	-28.7	-31.5	-45.0	7.31		
5.5	41.80	1919.4	1914.0	1902.5	8.92	9.31	9.75	-28.1	-31.6	-44.5	8.09		
6.0	38.60	1939.2	1933.3	1920.4	9.34	9.49	9.90	-27.9	-31.6	-44.9	9.49		