

Voltage Controlled Oscillator

ROS-EDR4523

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	37.80	1672.0	1660.7	1652.2	10.40	9.58	8.62	-16.4	-45.7	-34.2	0.26	1	-71
1.0	46.20	1695.2	1683.8	1668.9	9.39	9.17	8.92	-15.6	-46.1	-35.0	0.51	10	-97
1.5	36.40	1714.8	1702.0	1686.7	9.84	9.36	9.29	-16.7	-43.5	-35.2	0.38	100	-120
2.0	40.10	1735.6	1722.1	1710.1	9.74	9.34	9.03	-17.6	-43.8	-36.3	0.38	1000	-140
2.5	40.40	1753.4	1742.3	1732.3	9.75	9.26	8.90	-17.7	-44.2	-36.9	-0.13		
3.0	35.50	1774.7	1760.0	1749.6	9.15	9.40	9.14	-17.9	-45.5	-37.9	-0.58		
3.5	34.00	1792.1	1777.0	1767.1	9.12	9.35	8.94	-18.0	-49.2	-38.3	-0.70		
4.0	30.30	1805.8	1792.2	1783.7	8.91	9.06	8.74	-18.4	-51.5	-38.2	-0.77		
4.5	22.10	1816.2	1803.3	1795.7	8.94	8.88	8.68	-18.4	-54.2	-39.2	-0.51		
5.0	15.90	1823.4	1811.2	1803.7	8.88	8.71	8.51	-18.5	-55.3	-39.3	0.00		