

Voltage Controlled Oscillator

ROS-ED5933A/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			
0.3	54.60	1498.3	1492.1	1482.5	4.00	5.40	6.60	-23.0	-35.5		1.19	1	-81
0.5	45.40	1509.3	1503.5	1494.5	4.21	5.58	6.73	-22.9	-35.0			10	-104
0.8	40.30	1519.0	1513.5	1504.9	4.41	5.78	6.88	-22.9	-34.7			100	-125
1.0	36.80	1528.1	1522.8	1514.2	4.62	5.98	7.05	-23.0	-34.4			1000	-141
1.3	34.40	1536.6	1531.3	1522.9	4.82	6.17	7.23	-23.4	-34.7				
1.5	32.50	1544.7	1539.5	1531.1	4.96	6.34	7.38	-23.5	-34.5		0.21		
1.8	31.00	1552.4	1547.2	1538.8	5.09	6.48	7.52	-23.6	-34.3				
2.0	29.80	1559.8	1554.7	1546.3	5.23	6.57	7.63	-23.9	-34.6				
2.3	28.80	1567.0	1561.9	1553.5	5.33	6.68	7.69	-24.1	-34.3				
2.5	28.30	1574.1	1569.0	1560.5	5.41	6.76	7.77	-24.4	-33.7				
2.8	27.40	1580.9	1575.8	1567.3	5.49	6.84	7.83	-24.4	-33.8		0.10		
3.0	26.90	1587.7	1582.5	1573.9	5.56	6.93	7.89	-24.7	-33.7				
3.3	26.30	1594.3	1589.1	1580.4	5.70	7.00	7.97	-25.1	-34.0				
3.5	25.70	1600.9	1595.6	1586.7	5.83	7.12	8.02	-25.4	-33.6				
3.8	25.00	1607.2	1601.8	1592.8	6.00	7.27	8.14	-25.6	-33.9				
4.0	24.20	1613.3	1607.9	1598.8	6.15	7.43	8.25	-25.7	-33.6		0.45		
4.3	23.50	1619.3	1613.7	1604.6	6.24	7.57	8.38	-25.9	-34.0				
4.5	22.60	1625.1	1619.4	1610.1	6.38	7.65	8.52	-26.0	-34.0				
4.8	21.70	1630.6	1624.8	1615.4	6.50	7.77	8.57	-26.1	-34.0				
5.0	20.60	1635.9	1630.0	1620.5	6.62	7.88	8.68	-26.1	-33.7				