Voltage Controlled Oscillator ROS-ED7820/2

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)
		-55ºC	+25ºC	+85ºC	-55ºC	+25ºC	+85ºC	F2	F3	F4	
0.5	45.30	1481.6	1459.4	1446.0	0.69	0.59	0.23	-30.7	-18.8	-27.5	3.28
1.0	37.10	1498.2	1477.9	1466.3	0.47	0.15	-0.19	-27.8	-19.7	-28.5	2.05
1.5	33.00	1513.4	1494.4	1484.2	0.19	0.20	-0.59	-25.5	-20.0	-29.5	1.05
2.0	30.60	1527.7	1509.7	1500.6	0.10	-0.20	-0.84	-24.0	-20.5	-30.7	0.19
2.5	28.70	1541.4	1524.0	1516.1	-0.10	-0.35	-1.13	-23.3	-21.3	-32.3	0.77
3.0	27.80	1555.0	1537.9	1531.2	-0.40	-0.47	-1.25	-22.5	-22.0	-33.5	1.55
3.5	27.20	1568.5	1551.5	1546.0	-0.64	-0.75	-1.53	-22.2	-22.8	-35.3	2.20
4.0	27.60	1582.0	1565.3	1560.6	-0.92	-1.11	-2.06	-22.5	-23.7	-37.5	2.73
4.5	29.90	1595.5	1580.3	1575.1	-1.27	-1.61	-2.47	-22.7	-24.7	-38.3	3.15
5.0	32.70	1609.3	1596.6	1589.7	-1.65	-2.00	-3.19	-22.3	-25.7	-39.0	3.02

FREQ OFFSET (KHz)	PHASE NOISE (dBc/Hz)
1	-72
10	-96
100	-116
1000	-136