

Voltage Controlled Oscillator

ROS-EDR5886

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	25.24	1477.1	1475.5	1473.7	3.75	4.09	4.05	-34.4	-29.7	-38.5	0.28	1	-80
1.0	23.62	1489.4	1487.3	1485.1	3.91	4.24	4.20	-34.1	-29.3	-38.7	0.29	10	-105
1.5	23.12	1501.6	1498.9	1496.2	4.06	4.44	4.46	-33.3	-28.9	-39.0	0.31	100	-126
2.0	23.88	1514.1	1510.8	1507.6	4.21	4.63	4.67	-33.0	-28.8	-39.3	0.31	1000	-147
2.5	24.83	1527.0	1523.2	1519.6	4.35	4.79	4.82	-32.5	-28.3	-39.6	0.30		
3.0	26.05	1540.2	1536.2	1532.2	4.55	4.86	4.86	-32.0	-28.1	-39.5	0.25		
3.5	25.65	1553.4	1549.1	1544.8	4.73	5.05	5.00	-31.8	-27.7	-39.8	0.20		
4.0	26.27	1566.9	1562.2	1557.5	4.83	5.20	5.18	-31.3	-27.3	-40.1	0.15		
4.5	26.31	1580.5	1575.4	1570.3	4.84	5.26	5.35	-31.2	-26.9	-40.6	0.11		
5.0	25.19	1593.2	1588.0	1582.9	5.04	5.38	5.38	-31.1	-26.6	-41.2	0.05		
5.5	24.18	1605.6	1600.0	1594.7	5.19	5.51	5.48	-30.5	-26.3	-41.8	0.03		
6.0	23.79	1617.8	1611.9	1606.2	5.28	5.61	5.55	-30.4	-26.2	-42.6	0.02		
6.5	23.07	1629.8	1623.5	1617.4	5.25	5.64	5.68	-30.3	-25.9	-43.3	0.03		
7.0	22.76	1641.1	1634.9	1628.4	5.39	5.63	5.69	-30.1	-25.6	-44.2	0.02		
7.5	20.94	1652.0	1645.3	1639.1	5.52	5.81	5.73	-30.0	-25.6	-44.7	0.02		
8.0	20.64	1662.6	1655.6	1649.0	5.54	5.85	5.84	-29.9	-25.6	-45.7	0.02		
8.5	20.23	1673.2	1665.8	1658.8	5.46	5.83	5.84	-29.7	-25.4	-45.8	0.03		
9.0	20.20	1683.3	1675.9	1668.4	5.52	5.77	5.83	-29.6	-25.5	-46.1	0.04		
9.5	18.85	1692.9	1685.3	1678.0	5.66	5.84	5.79	-29.7	-25.4	-46.7	0.04		
10.0	17.94	1702.3	1694.3	1686.9	5.70	5.94	5.84	-29.8	-25.5	-46.8	0.03		
10.5	17.84	1711.6	1703.2	1695.4	5.71	5.99	5.93	-29.8	-25.9	-47.1	0.01		
11.0	17.51	1720.7	1711.9	1703.8	5.68	5.99	5.98	-30.1	-26.1	-47.4	0.02		