

Voltage Controlled Oscillator

ROS-1584-219+

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			
0.00	9.02	1529.3	1524.5	1521.1	5.40	5.45	5.35	-41.5	-35.8	-51.9	0.05	1	-89
0.50	7.38	1533.6	1529.1	1525.9	5.38	5.43	5.33	-41.2	-35.5	-51.4	0.04	10	-115
1.00	6.58	1537.2	1532.7	1529.7	5.36	5.41	5.31	-40.8	-35.2	-52.0	0.08	100	-135
1.50	6.11	1540.4	1536.0	1533.0	5.34	5.39	5.28	-40.7	-35.0	-51.2	0.10	1000	-153
2.00	5.82	1543.4	1539.1	1536.1	5.32	5.36	5.26	-40.6	-34.8	-52.1	0.11		
2.50	5.63	1546.3	1542.0	1539.0	5.29	5.34	5.23	-40.4	-34.6	-51.5	0.12		
3.00	5.49	1549.1	1544.8	1541.8	5.27	5.31	5.20	-40.1	-34.4	-51.9	0.13		
3.50	5.39	1551.8	1547.6	1544.6	5.25	5.28	5.17	-39.9	-34.3	-51.7	0.13		
4.00	5.31	1554.5	1550.3	1547.3	5.23	5.25	5.14	-39.6	-34.2	-51.4	0.14		
4.50	5.23	1557.2	1552.9	1549.9	5.22	5.23	5.11	-39.2	-34.0	-51.0	0.14		
5.00	5.18	1559.8	1555.5	1552.5	5.20	5.22	5.09	-38.9	-33.9	-51.4	0.14		
5.50	5.14	1562.4	1558.1	1555.1	5.18	5.20	5.08	-38.6	-33.8	-51.2	0.14		
6.00	5.11	1564.9	1560.7	1557.7	5.17	5.18	5.06	-38.3	-33.8	-51.0	0.14		
6.50	5.10	1567.5	1563.2	1560.3	5.15	5.17	5.04	-38.0	-33.8	-50.8	0.14		
7.00	5.11	1570.0	1565.8	1562.8	5.14	5.15	5.03	-37.7	-33.7	-51.1	0.14		
7.50	5.13	1572.6	1568.3	1565.4	5.12	5.14	5.01	-37.3	-33.6	-51.1	0.14		
8.00	5.16	1575.2	1570.9	1567.9	5.11	5.13	5.00	-37.0	-33.3	-51.0	0.13		
8.50	5.21	1577.7	1573.5	1570.5	5.11	5.11	4.98	-36.6	-33.2	-51.4	0.13		
9.00	5.26	1580.4	1576.1	1573.1	5.11	5.10	4.97	-36.3	-33.0	-51.2	0.12		
9.50	5.34	1583.0	1578.7	1575.7	5.10	5.10	4.95	-36.1	-32.9	-50.4	0.11		
10.00	5.41	1585.7	1581.4	1578.4	5.10	5.10	4.95	-35.8	-32.9	-50.2	0.10		
10.50	5.48	1588.4	1584.1	1581.1	5.09	5.10	4.95	-35.6	-33.0	-49.5	0.09		
11.00	5.55	1591.1	1586.8	1583.8	5.08	5.09	4.95	-35.2	-33.0	-50.1	0.07		
11.50	5.62	1593.9	1589.6	1586.6	5.07	5.09	4.95	-34.9	-33.0	-50.1	0.05		
12.00	5.67	1596.8	1592.4	1589.4	5.06	5.08	4.94	-34.5	-32.9	-50.1	0.02		
12.50	5.70	1599.6	1595.3	1592.2	5.04	5.07	4.93	-34.2	-32.8	-50.1	0.01		
13.00	5.68	1602.5	1598.1	1595.1	5.04	5.05	4.91	-33.9	-32.7	-50.1	0.04		
13.50	5.61	1605.4	1601.0	1597.9	5.04	5.04	4.90	-33.8	-32.7	-49.6	0.09		
14.00	5.61	1608.2	1603.8	1600.7	5.03	5.03	4.88	-33.8	-32.7	-50.0	0.14		

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