

Voltage Controlled Oscillator

JTOS-1750+

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	44.27	1289.9	1270.1	1261.5	8.29	7.46	7.52	-18.14	-52.48	-52.01	7.46	1	-73
1.0	40.57	1310.0	1292.0	1282.8	8.15	7.79	7.57	-17.62	-58.99	-49.79	7.79	10	-101
2.0	32.50	1344.1	1325.8	1317.9	8.27	7.79	7.63	-16.89	-58.10	-46.82	7.79	100	-121
3.0	31.68	1377.9	1356.6	1349.3	8.44	7.54	7.54	-16.38	-52.05	-47.63	7.54	1000	-141
4.0	28.11	1407.7	1389.7	1382.0	8.54	7.97	7.79	-15.75	-52.91	-46.15	7.97		
5.0	30.44	1437.6	1420.0	1411.8	8.47	7.98	7.84	-15.54	-53.08	-45.09	7.98		
6.0	35.23	1470.8	1451.1	1442.4	8.61	7.91	7.76	-15.12	-57.50	-44.35	7.91		
7.0	33.24	1503.0	1484.3	1476.2	8.69	8.10	7.94	-15.09	-62.97	-43.09	8.10		
8.0	33.59	1535.3	1517.6	1509.7	8.55	8.09	8.02	-15.08	-57.98	-44.13	8.09		
9.0	38.08	1571.4	1553.5	1544.4	8.57	7.99	7.77	-15.81	-55.40	-50.97	7.99		
10.0	34.09	1605.4	1588.7	1580.7	8.45	8.01	7.91	-15.07	-51.32	-44.62	8.01		
11.0	34.33	1639.8	1623.0	1615.0	8.08	7.72	7.74	-15.36	-49.75	-43.43	7.72		
12.0	32.24	1672.9	1657.2	1649.0	8.17	7.68	7.51	-15.28	-45.81	-43.33	7.68		
13.0	30.49	1703.6	1687.8	1679.9	7.91	7.49	7.46	-15.39	-46.17	-40.52	7.49		
14.0	27.27	1733.2	1716.9	1709.0	7.51	7.20	7.18	-15.81	-43.08	-39.13	7.20		
15.0	24.60	1759.8	1745.0	1736.4	7.50	7.03	6.86	-15.91	-41.79	-36.88	7.03		
16.0	23.85	1784.5	1768.4	1760.0	7.30	6.97	6.97	-16.71	-39.60	-35.29	6.97		
17.0	20.63	1807.1	1790.6	1782.0	6.99	6.75	6.76	-18.01	-38.62	-36.19	6.75		
18.0	19.70	1829.3	1810.9	1801.4	6.85	6.42	6.46	-18.37	-38.12	-36.87	6.42		
19.0	17.40	1847.8	1830.6	1820.3	6.88	6.38	6.28	-19.41	-37.81	-37.64	6.38		
20.0	15.76	1865.3	1846.9	1837.5	6.62	6.35	6.27	-20.24	-37.56	-36.85	6.35		