

Voltage Controlled Oscillator

JTOS-1650+

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			
1.0	101.10	1106.7	1085.6	1067.2	7.77	7.62	7.59	-23.9	-32.0	-42.4	0.16	1	-70
2.0	85.99	1190.5	1170.3	1151.7	7.98	7.96	7.71	-32.3	-34.0	-36.3	0.48	10	-95
3.0	77.73	1267.7	1246.6	1228.2	8.37	8.07	7.89	-20.2	-27.5	-30.8	0.90	100	-115
4.0	67.82	1336.4	1315.1	1297.1	9.21	8.38	8.46	-22.9	-25.2	-26.1	0.98	1000	-135
5.0	61.47	1394.4	1375.4	1359.0	9.74	9.09	8.73	-33.8	-24.8	-26.5	1.22		
6.0	58.97	1452.6	1434.1	1417.7	10.03	9.44	9.03	-25.1	-26.3	-28.1	1.51		
7.0	57.55	1508.1	1490.4	1475.0	10.28	9.63	9.37	-19.8	-26.9	-29.6	1.51		
8.0	56.98	1561.3	1546.5	1531.6	10.72	10.04	9.46	-18.6	-28.9	-31.9	1.36		
9.0	55.89	1615.3	1601.1	1587.1	10.44	10.29	9.64	-18.3	-29.5	-32.3	1.08		
10.0	54.81	1665.7	1652.9	1641.1	10.22	10.30	9.39	-19.0	-38.6	-30.3	0.54		
11.0	55.14	1719.1	1707.0	1695.6	9.52	10.09	8.95	-20.6	-39.9	-29.4	0.13		
12.0	54.98	1772.5	1758.8	1747.1	8.35	9.52	8.13	-20.7	-29.9	-28.1	0.86		
13.0	56.31	1822.8	1809.2	1797.6	7.08	8.48	7.27	-17.7	-26.5	-30.5	1.09		

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