

Voltage Controlled Oscillator

JTOS-ED4715B/2

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	22.20	1227.2	1224.2	1217.1	9.22	9.36	9.46	-18.2	-19.7	-29.2	0.85	1	-82
1.0	16.80	1235.3	1232.6	1226.4	9.25	9.40	9.49	-26.4	-19.4	-30.5	0.32	10	-107
1.5	16.80	1243.6	1241.0	1235.0	9.57	9.70	9.69	-24.3	-19.5	-36.3		100	-127
2.0	16.60	1251.8	1249.3	1243.5	9.76	9.85	9.93	-20.4	-19.8	-41.8	0.09	1000	-143
2.5	15.70	1259.6	1257.1	1251.5	10.00	10.07	10.04	-18.6	-19.8	-44.8			
3.0	14.30	1266.7	1264.3	1258.9	10.41	10.37	10.20	-17.2	-19.7	-45.4	0.11		
3.5	12.60	1272.9	1270.6	1265.4	10.68	10.73	10.54	-16.2	-20.0	-44.5			
4.0	10.70	1278.3	1275.9	1270.9	10.79	10.83	10.75	-15.2	-20.2	-45.2	0.40		
4.5	9.00	1282.7	1280.4	1275.4	10.96	10.99	10.78	-14.7	-20.6	-44.6			
5.0	7.50	1286.5	1284.2	1279.2	11.03	11.12	10.91	-14.4	-20.9	-44.7	0.89		
5.5	6.20	1289.6	1287.3	1282.4	11.12	11.14	11.00	-14.1	-21.1	-43.3			
6.0	5.30	1292.2	1289.9	1285.0	11.18	11.22	11.00	-13.9	-21.5	-43.2			