

# Voltage Controlled Oscillator

# JTOS-765P+

## 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	49.27	449.8	442.2	436.1	6.54	7.19	6.64	-25.7	-25.9	-26.4	1.02	1	-75
1.0	36.64	469.8	462.2	455.9	8.44	8.85	8.03	-26.4	-34.5	-30.4	0.70	10	-98
1.5	28.99	485.4	477.5	470.9	8.74	9.18	8.42	-27.3	-37.6	-32.6	0.32	100	-118
2.0	25.11	498.7	490.5	483.8	8.96	9.04	8.46	-27.0	-38.7	-34.0	0.19	1000	-138
2.5	24.28	510.5	502.6	496.0	9.01	9.30	8.54	-26.7	-40.9	-34.5	0.26		
3.0	24.29	522.7	514.7	508.1	9.28	9.55	8.77	-26.8	-45.6	-34.4	0.45		
3.5	23.93	535.0	526.8	520.1	9.50	9.88	9.14	-26.7	-53.2	-35.9	0.32		
4.0	23.43	547.1	538.6	531.8	9.68	10.11	9.51	-27.0	-46.8	-37.2	0.38		
4.5	22.81	558.9	550.1	543.2	9.76	10.27	9.77	-27.2	-43.1	-39.4	0.38		
5.0	22.46	570.5	561.4	554.3	9.81	10.33	9.90	-27.3	-39.3	-40.5	0.51		

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