

Voltage Controlled Oscillator

JTOS-50P+

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	3.59	22.5	21.7	21.1	7.58	8.01	7.68	-16.7	-29.5	-38.4		1	-88
1.0	2.74	23.7	23.2	22.7	8.30	9.01	8.94	-17.9	-29.8	-39.1	0.04	10	-108
1.5	2.57	25.1	24.4	23.9	8.99	9.68	9.70	-18.6	-30.0	-38.5		100	-127
2.0	2.33	26.3	25.6	25.2	9.27	10.03	9.80	-18.9	-30.5	-37.6	0.06	1000	-147
2.5	2.03	27.4	26.7	26.3	9.29	10.03	9.80	-19.2	-31.0	-37.0			
3.0	1.99	28.4	27.7	27.2	9.29	10.01	9.77	-19.6	-31.0	-36.5	0.03		
3.5	1.87	29.4	28.6	28.2	9.27	9.97	9.72	-20.0	-31.0	-36.0			
4.0	1.92	30.4	29.6	29.1	9.23	9.91	9.65	-20.3	-30.8	-35.6	0.02		
4.5	1.85	31.3	30.5	30.1	9.16	9.85	9.58	-20.7	-30.5	-35.3			
5.0	1.97	32.3	31.5	31.0	9.10	9.78	9.50	-21.0	-30.3	-35.1	0.01		

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