

# Voltage Controlled Oscillator

POS-75P+

## 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			
0.0	4.56	31.7	30.6	29.7	7.04	6.52	5.91	-22.9	-29.4	-41.1	0.00	1	-91
0.5	4.50	33.5	32.9	32.2	7.99	7.85	7.50	-24.1	-30.7	-42.6	0.06	10	-113
1.0	3.92	35.2	34.9	34.4	8.68	8.94	8.84	-25.5	-31.8	-42.7	0.06	100	-135
1.5	3.26	36.7	36.6	36.2	9.13	9.28	9.24	-26.1	-32.3	-40.4	0.19	1000	-151
2.0	3.43	38.5	38.3	37.9	9.14	9.27	9.21	-25.9	-32.9	-39.1	0.13		
2.5	3.04	40.0	39.9	39.5	9.16	9.30	9.21	-25.8	-33.1	-38.5	0.06		
3.0	2.80	41.4	41.3	41.0	9.17	9.33	9.21	-25.5	-33.0	-38.0	0.13		
3.5	2.69	42.8	42.6	42.3	9.18	9.34	9.21	-25.2	-32.8	-37.7	0.00		
4.0	2.63	44.1	44.0	43.7	9.17	9.33	9.19	-24.8	-32.5	-37.2	0.00		
4.5	2.61	45.4	45.3	45.0	9.35	9.53	9.18	-24.5	-32.0	-36.8	-0.06		
5.0	2.64	46.8	46.6	46.3	9.33	9.51	9.35	-24.3	-31.7	-36.8	0.00		

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