

Voltage Controlled Oscillator

POS-150P+

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	9.99	67.2	64.7	63.3	8.59	8.46	8.11	-24.4	-30.3	-46.1	0.04	1	-84
1.0	8.82	71.0	69.2	68.3	9.43	9.62	9.45	-25.5	-32.0	-48.1		10	-104
1.5	7.70	74.5	73.2	72.4	9.95	10.36	10.19	-25.4	-33.4	-47.7		100	-126
2.0	7.36	78.1	76.9	76.2	9.95	10.30	10.11	-25.2	-34.5	-45.0		1000	-147
2.5	7.32	81.9	80.5	79.8	9.93	10.19	9.97	-25.7	-34.9	-42.9	0.37		
3.0	7.12	85.5	84.2	83.4	9.89	10.12	9.88	-26.2	-35.3	-42.3			
3.5	6.61	88.8	87.5	86.8	9.83	10.03	9.79	-26.4	-35.2	-41.6			
4.0	6.36	92.0	90.8	90.0	9.75	9.95	9.68	-26.7	-35.0	-41.0	0.17		
4.5	6.24	95.0	93.9	93.1	9.69	9.84	9.57	-26.9	-34.7	-40.6			
5.0	6.18	98.1	97.0	96.2	9.61	9.76	9.49	-27.1	-34.1	-40.1			

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