

Voltage Controlled Oscillator

POS-150+

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			
1.0	6.10	67.0	65.4	64.6	7.98	8.60	8.37	-28.4	-35.8	-50.8	-0.04	1	-80
2.0	6.30	72.9	71.7	71.2	8.26	8.97	8.73	-26.7	-37.2	-53.5	0.37	10	-103
3.0	6.50	79.4	78.2	77.7	8.53	9.28	9.03	-27.1	-37.8	-53.9	0.23	100	-127
4.0	6.00	85.4	84.3	83.7	8.69	9.48	9.25	-26.9	-38.2	-54.9	0.17	1000	-147
5.0	6.00	91.4	90.3	89.6	8.79	9.60	9.37	-27.2	-38.4	-55.5	0.16		
6.0	6.10	97.5	96.4	95.7	8.82	9.67	9.47	-27.4	-38.6	-55.9	0.17		
7.0	6.20	103.7	102.6	101.9	8.81	9.70	9.50	-27.8	-38.8	-56.7	0.21		
8.0	6.30	110.0	108.9	108.3	8.75	9.69	9.49	-27.5	-38.8	-56.5	0.25		
9.0	6.30	116.3	115.3	114.6	8.67	9.67	9.46	-27.2	-38.7	-56.5	0.27		
10.0	6.30	122.6	121.6	120.9	8.60	9.63	9.41	-26.5	-38.9	-54.7	0.30		
11.0	6.10	128.7	127.8	127.2	8.50	9.56	9.33	-25.9	-38.9	-54.8	0.28		
12.0	6.20	134.9	134.1	133.4	8.44	9.49	9.24	-25.1	-38.5	-53.4	0.25		
13.0	6.10	141.0	140.3	139.7	8.32	9.38	9.11	-24.9	-38.8	-53.3	0.24		
14.0	6.30	147.4	146.6	146.0	8.19	9.24	8.99	-24.2	-38.7	-52.7	0.26		
15.0	6.40	153.7	153.0	152.4	8.02	9.04	8.80	-24.0	-39.0	-53.2	0.29		
16.0	6.50	160.2	159.5	159.0	7.84	8.84	8.63	-23.8	-39.0	-54.1	0.38		

REV. X1
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