

Voltage Controlled Oscillator

POS-25+

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	0.71	11.1	10.9	10.8	5.86	6.18	5.83	-18.9	-32.3	-40.3	0.00	1	-86
2.0	0.81	12.0	11.8	11.6	8.04	8.67	8.57	-23.2	-37.0	-41.6	0.02	10	-105
3.0	1.15	13.4	13.0	12.8	8.77	9.49	9.52	-29.8	-30.7	-36.4	0.02	100	-125
4.0	1.63	15.3	14.8	14.4	9.01	9.83	9.91	-27.8	-27.3	-36.7	0.00	1000	-145
5.0	2.12	17.7	16.9	16.6	9.01	9.63	9.77	-29.3	-28.6	-35.5	0.01		
6.0	2.58	20.4	19.6	19.1	8.45	9.07	9.24	-31.1	-29.2	-33.6	0.03		
7.0	3.13	23.5	22.7	22.2	7.43	8.03	8.26	-26.0	-27.9	-31.6	0.00		
8.0	3.72	27.4	26.3	25.8	5.46	6.09	6.32	-21.3	-26.1	-30.3	0.10		
9.0	4.07	31.5	30.3	29.7	3.69	4.42	4.64	-18.4	-25.8	-29.7	0.18		
10.0	3.48	34.6	33.6	33.1	2.45	2.99	3.22	-16.8	-25.8	-29.9	0.06		
11.0	2.21	36.4	35.7	35.3	1.67	2.10	2.35	-16.1	-25.9	-30.6	0.08		

REV. X1
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060920
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