

Voltage Controlled Oscillator

POS-1025+

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	48.00	626.9	616.5	609.1	5.72	5.15	4.56	-25.2	-23.5	-33.8	0.51	1	-65
2.0	39.90	667.2	656.4	649.6	7.12	7.25	6.98	-33.6	-21.9	-44.1	-0.07	10	-84
3.0	30.60	697.3	687.0	681.7	7.91	8.11	7.97	-29.1	-22.8	-36.7	0.08	100	-104
4.0	30.30	725.9	717.2	711.9	7.45	8.34	8.55	-27.4	-23.8	-32.4	0.60	1000	-124
5.0	31.20	755.7	748.4	740.0	7.68	8.91	8.81	-27.9	-24.9	-35.1	-0.38		
6.0	29.00	788.7	777.4	766.4	8.61	9.19	8.74	-29.0	-28.0	-43.8	-0.42		
7.0	27.70	816.9	805.1	793.9	8.39	8.99	8.50	-28.0	-36.6	-50.7	-0.27		
8.0	30.30	846.7	835.5	824.7	7.95	8.64	8.27	-27.2	-36.0	-45.9	0.38		
9.0	31.90	879.0	867.3	856.8	7.31	8.58	8.30	-27.5	-41.3	-42.4	0.07		
10.0	31.00	910.3	898.4	888.2	7.42	8.15	8.00	-28.8	-36.6	-38.7	1.33		
11.0	34.40	946.2	932.8	922.0	7.46	8.03	7.92	-31.8	-33.1	-37.0	0.92		
12.0	31.90	979.2	964.7	952.7	7.69	8.32	8.26	-31.6	-32.4	-39.2	-0.05		
13.0	27.50	1007.1	992.1	978.9	8.15	8.60	8.36	-27.5	-33.0	-42.8	-0.90		
14.0	23.00	1029.6	1015.1	1001.4	8.52	8.97	8.63	-25.7	-34.5	-47.4	-1.08		
15.0	18.90	1048.8	1034.0	1020.2	8.48	9.09	8.86	-23.6	-35.9	-47.7	-1.22		
16.0	16.90	1065.9	1050.9	1036.6	8.44	8.98	8.87	-23.5	-36.2	-46.1	-1.32		

REV. X1
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