

Voltage Controlled Oscillator

POS-ED5570/3

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	52.70	789.6	778.5	763.7	8.16	9.06	8.77	-40.9	-32.9	-40.2	0.72	1	-72
2.0	28.30	816.6	806.8	796.5	7.94	8.79	8.08	-48.9	-35.1	-41.9	0.90	10	-93
3.0	25.60	840.7	832.4	824.5	7.89	8.66	7.92	-49.6	-35.4	-42.2	1.06	100	-114
4.0	22.00	862.8	854.4	846.0	8.29	8.71	8.14	-44.4	-39.6	-43.9	0.92	1000	-134
5.0	18.20	881.2	872.6	863.9	8.73	8.99	8.21	-41.8	-39.8	-45.3	0.94		
6.0	16.50	897.8	889.2	880.0	8.69	9.04	8.49	-39.8	-40.3	-45.5	1.07		
7.0	15.70	913.7	904.8	895.0	8.52	9.00	8.40	-38.6	-41.3	-47.8	1.01		
8.0	14.40	928.6	919.2	908.4	8.62	8.86	8.06	-36.4	-42.4	-48.0	0.61		
9.0	12.70	941.8	932.0	920.2	8.70	8.85	8.01	-34.3	-45.0	-49.3	0.36		
10.0	10.90	952.9	942.9	930.6	8.72	8.76	7.82	-32.5	-46.3	-50.5	0.12		
11.0	9.20	962.4	952.1	939.5	8.59	8.59	7.56	-30.9	-50.5	-51.5	0.50		
12.0	7.70	970.2	959.8	947.1	8.36	8.30	7.29	-29.7	-51.0	-52.5			
13.0	6.40	976.7	966.2	953.5	8.29	7.97	7.06	-28.8	-50.3	-51.8			
14.0	5.10	981.9	971.3	958.7	7.96	7.64	6.72	-28.2	-48.7	-50.7			
15.0	4.10	986.1	975.4	962.9	7.53	7.53	6.47	-27.2	-48.9	-50.9			