

Voltage Controlled Oscillator

ROS-ED12693/1

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			
0.0	3.36	2153.7	2150.3	2147.1	6.51	6.83	6.80	-20.25	-30.85	-42.57	0.23	1	-97
1.0	2.92	2156.7	2153.4	2150.2	6.52	6.88	6.87	-20.63	-30.78	-42.05	0.25	10	-121
2.0	3.10	2159.7	2156.4	2153.2	6.56	6.92	6.93	-21.03	-30.62	-41.81	0.25	100	-141
3.0	3.36	2163.0	2159.6	2156.4	6.60	6.98	7.02	-21.37	-30.42	-41.90	0.25	1000	-161
4.0	3.47	2166.4	2163.0	2159.8	6.63	7.03	7.08	-21.75	-30.27	-42.19	0.23		
5.0	3.41	2169.8	2166.5	2163.2	6.69	7.10	7.16	-22.13	-30.18	-42.25	0.22		
6.0	3.27	2173.1	2169.8	2166.6	6.77	7.17	7.25	-22.54	-30.24	-41.78	0.21		
7.0	3.12	2176.3	2173.0	2169.8	6.82	7.21	7.30	-22.94	-30.30	-41.85	0.20		
8.0	2.99	2179.4	2176.1	2172.9	6.89	7.28	7.35	-23.39	-30.23	-42.37	0.20		
9.0	2.87	2182.3	2179.0	2175.8	6.99	7.33	7.40	-23.91	-30.13	-42.90	0.20		