

Voltage Controlled Oscillator

ROS-ED12663/2

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	6.83	991.5	986.9	983.4	-0.38	-0.18	-0.48	-24.35	-31.25	-41.25	0.25	1	-95
1.0	5.00	997.2	992.6	989.1	-0.38	-0.16	-0.35	-24.01	-30.72	-38.63	0.03	10	-125
2.0	4.98	1002.5	997.5	994.0	-0.36	-0.07	-0.23	-23.71	-30.81	-37.19	0.00	100	-145
3.0	5.21	1007.5	1002.6	998.9	-0.32	-0.02	-0.14	-23.44	-30.34	-35.28	0.03	1000	-165
4.0	4.72	1012.4	1007.6	1003.8	-0.27	0.01	-0.05	-23.38	-29.58	-32.92	0.11		
5.0	4.48	1017.1	1012.2	1008.6	-0.22	0.03	-0.02	-23.41	-29.25	-32.01	0.19		
6.0	4.17	1021.6	1016.6	1012.9	-0.16	0.07	0.03	-23.42	-29.10	-31.30	0.24		
7.0	3.86	1025.7	1020.6	1016.9	-0.09	0.10	0.04	-23.35	-29.20	-30.59	0.26		
8.0	3.55	1029.5	1024.4	1020.6	-0.04	0.11	0.04	-23.28	-29.13	-30.08	0.25		
9.0	3.28	1033.0	1027.8	1024.0	-0.01	0.12	0.01	-23.16	-28.92	-30.03	0.24		
10.0	3.04	1036.2	1031.0	1027.1	0.04	0.14	0.01	-23.07	-28.85	-29.74	0.23		