

Voltage Controlled Oscillator

ROS-ED11421/2

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			
0.5	14.75	866.9	864.6	861.9	1.51	0.52	-1.48	-36.3	-50.1	-60.1	0.23	1	-90
1.0	14.75	874.1	872.0	869.2	1.44	0.44	-1.38	-35.9	-49.3	-58.6	0.18	10	-115
1.5	15.89	881.6	879.5	876.7	1.34	0.33	-1.33	-35.7	-48.9	-55.4	0.16	100	-135
2.0	17.24	889.8	887.8	884.9	1.20	0.18	-1.33	-35.5	-47.3	-54.3	0.20	1000	-155
2.5	18.20	898.6	896.6	893.8	1.06	0.04	-1.34	-35.1	-46.0	-51.5	0.37		
3.0	17.91	907.6	905.7	903.0	0.95	-0.06	-1.38	-35.1	-46.2	-48.8	0.66		
3.5	16.06	916.0	914.3	911.8	0.89	-0.10	-1.41	-34.9	-45.8	-47.9	1.02		
4.0	13.48	923.4	921.8	919.5	0.88	-0.11	-1.44	-35.3	-46.4	-47.5	1.30		
4.5	10.51	929.5	928.0	925.6	0.88	-0.09	-1.47	-36.0	-46.8	-48.1	1.36		
5.0	7.64	934.3	932.6	930.2	0.88	-0.08	-1.52	-36.9	-47.5	-47.3	1.19		
5.5	5.24	937.8	936.0	933.4	0.88	-0.07	-1.57	-37.6	-49.0	-47.8	0.91		
6.0	3.58	940.3	938.3	935.6	0.87	-0.08	-1.61	-38.2	-49.6	-48.3	0.63		