

Voltage Controlled Oscillator

ROS-EDR4295

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	22.10	912.5	911.2	909.7	3.55	3.75	3.77	-27.1	-25.8	-35.0	0.00	1 10 100 1000	-85 -105 -125 -144
1.0	18.40	921.3	920.4	919.6	3.01	2.80	2.54	-25.7	-24.5	-34.2	0.00		
1.5	14.00	929.1	927.4	925.8	4.09	4.00	3.73	-26.4	-25.5	-34.5	0.13		
2.0	15.40	937.2	935.0	933.0	4.30	4.35	4.21	-27.1	-26.4	-35.4	0.06		
2.5	15.70	945.4	942.9	940.5	4.30	4.44	4.34	-27.5	-26.8	-35.8	0.00		
3.0	16.30	954.1	951.0	948.2	3.75	4.26	4.29	-28.3	-27.1	-36.8	0.06		
3.5	16.80	961.7	959.4	957.0	3.74	3.49	3.51	-27.5	-26.2	-35.9	0.06		
4.0	14.20	969.7	966.5	963.8	4.49	4.47	4.07	-27.7	-26.8	-36.0	0.06		
4.5	16.60	978.6	974.9	971.5	4.59	4.72	4.56	-28.6	-27.6	-35.6	0.06		
5.0	18.20	988.1	983.9	980.2	4.43	4.70	4.62	-29.2	-27.9	-35.1	0.13		

