

Voltage Controlled Oscillator

ROS-EDR4614

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	17.20	363.4	359.0	354.9	1.48	1.68	1.34	-15.9	-33.4	-32.5	-0.06	1	-79
1.0	13.30	370.2	365.6	362.1	1.45	1.68	1.29	-16.3	-33.9	-32.3	-0.13	10	-102
1.5	12.00	376.1	371.7	368.7	1.43	1.65	1.18	-16.6	-34.4	-32.5	-0.19	100	-126
2.0	11.50	381.6	377.4	375.0	1.41	1.60	1.06	-17.0	-35.2	-32.8	-0.13	1000	-146
2.5	11.60	386.8	383.2	381.1	1.37	1.50	0.96	-17.3	-36.8	-33.8	-0.13		
3.0	11.60	391.9	389.1	386.9	1.29	1.36	0.87	-17.7	-38.8	-34.9	-0.19		
3.5	11.60	397.5	394.9	392.6	1.14	1.22	0.80	-18.1	-41.1	-36.2	-0.13		
4.0	11.50	403.2	400.6	398.3	0.92	1.09	0.73	-18.4	-44.0	-37.3	-0.13		
4.5	11.50	409.0	406.4	403.8	0.69	0.97	0.69	-18.7	-47.2	-38.6	-0.06		
5.0	11.40	414.9	412.1	409.3	0.47	0.88	0.63	-19.0	-50.8	-39.2	-0.13		