

Voltage Controlled Oscillator

ROS-ED12615/2

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	21.64	390.1	388.7	388.2	0.50	-0.07	-0.34	-13.36	-37.56	-34.65	0.17	1	-88
0.5	20.46	401.0	399.6	398.8	0.82	0.23	0.01	-14.15	-36.77	-32.70	0.61	10	-114
1.0	18.88	411.2	409.4	408.4	0.98	0.41	0.23	-14.79	-36.84	-32.01	0.50	100	-134
1.5	18.36	420.8	418.7	417.6	1.13	0.65	0.43	-15.43	-36.46	-31.48	0.48	1000	-154
2.0	18.17	430.1	427.9	426.6	1.31	0.86	0.65	-16.18	-36.30	-30.48	0.54		
2.5	17.96	439.4	436.9	435.5	1.49	1.07	0.81	-16.88	-36.39	-30.01	0.64		
3.0	17.67	448.4	445.8	444.4	1.67	1.27	0.98	-17.66	-36.56	-29.87	0.78		
3.5	17.27	457.2	454.6	453.2	1.84	1.44	1.12	-18.06	-36.64	-29.40	0.94		
4.0	16.78	465.7	463.1	461.7	2.00	1.57	1.20	-18.50	-37.13	-29.33	1.08		
4.5	16.22	474.0	471.4	470.0	2.14	1.67	1.28	-18.99	-38.60	-29.90	1.18		
5.0	15.57	481.9	479.3	478.0	2.25	1.74	1.35	-19.71	-40.42	-30.28	1.23		
5.5	14.82	489.4	487.0	485.5	2.34	1.78	1.40	-20.44	-42.70	-30.52	1.24		
6.0	14.03	496.6	494.2	492.7	2.45	1.82	1.47	-21.03	-44.24	-31.15	1.22		