

Voltage Controlled Oscillator

ROS-ED6757/2

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			
1.0	4.10	621.2	620.4	620.7	9.55	9.67	9.80	-21.4	-41.9	-27.7	0.51	1	-82
2.0	4.10	625.2	624.5	624.6	9.61	9.72	9.83	-21.6	-41.8	-27.6	0.51	10	-106
3.0	4.40	629.6	628.9	628.8	9.65	9.76	9.86	-22.0	-42.0	-27.6	0.53	100	-127
4.0	4.70	634.3	633.6	633.2	9.68	9.78	9.87	-22.3	-42.3	-27.5	0.53	1000	-145
5.0	4.70	639.0	638.3	637.6	9.78	9.88	9.95	-22.7	-42.3	-27.3	0.53		
6.0	4.50	643.6	642.9	641.8	9.77	9.87	9.94	-23.1	-42.6	-27.1	0.55		
7.0	4.30	648.0	647.1	645.8	9.84	9.93	10.01	-23.4	-42.8	-26.8	0.58		
8.0	4.00	652.2	651.1	649.5	9.83	9.91	9.98	-23.6	-43.1	-26.6	0.60		
9.0	3.80	656.1	654.8	653.0	9.85	9.88	9.96	-24.1	-43.1	-26.6	0.64		
10.0	3.50	659.9	658.4	656.4	9.83	9.90	9.99	-24.2	-43.7	-26.4	0.68		
11.0	3.30	663.4	661.7	659.5	9.81	9.88	9.97	-24.5	-43.7	-26.4	0.69		
12.0	3.10	666.8	664.9	662.5	10.16	9.87	9.97	-24.7	-43.8	-26.3	0.73		
13.0	3.00	670.0	667.8	665.3	10.17	10.22	10.32	-25.0	-44.2	-26.5			
14.0	2.80	672.9	670.6	667.9	10.16	10.22	10.32	-25.2	-44.2	-26.3			
15.0	2.60	675.6	673.1	670.3	10.18	10.22	10.32	-25.3	-43.5	-26.2			
16.0	2.30	678.1	675.4	672.6	10.19	10.25	10.33	-25.5	-43.7	-26.2			
17.0	2.10	680.3	677.5	674.5	10.20	10.25	10.34	-25.7	-43.7	-26.2			
18.0	1.80	682.2	679.3	676.3	10.21	10.26	10.37	-25.7	-44.0	-26.2			
19.0	1.50	683.8	680.8	677.8	10.21	10.27	10.38	-25.9	-43.9	-26.2			
20.0	1.30	685.2	682.1	679.0	10.26	10.28	10.39	-25.9	-43.6	-26.2			