

Voltage Controlled Oscillator

ROS-ED9554/1

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	16.15	715.0	709.0	704.2	1.05	1.29	1.03	-15.2	-23.1	-29.3	0.00	1	-80
0.8	14.38	718.5	712.6	708.1	1.09	1.30	0.98	-15.3	-23.2	-29.4	0.06	10	-106
1.0	13.30	721.8	715.9	711.8	1.12	1.30	0.92	-15.4	-23.1	-29.3	0.12	100	-126
1.3	12.86	724.8	719.1	715.3	1.14	1.28	0.85	-15.6	-23.0	-29.4	0.19	1000	-146
1.5	12.68	727.6	722.3	718.7	1.14	1.25	0.78	-15.8	-22.8	-29.5	0.22		
1.8	12.54	730.3	725.4	722.0	1.13	1.20	0.73	-16.0	-22.6	-29.9	0.24		
2.0	12.47	733.0	728.5	725.2	1.10	1.14	0.67	-16.1	-22.3	-30.1	0.22		
2.3	12.32	735.8	731.6	728.4	1.04	1.08	0.61	-16.4	-22.1	-30.2	0.19		
2.5	12.32	738.7	734.7	731.5	0.97	1.01	0.55	-16.6	-21.8	-30.4	0.16		
2.8	12.26	741.7	737.7	734.5	0.87	0.95	0.50	-16.8	-21.7	-30.7	0.13		
3.0	12.21	744.7	740.8	737.6	0.76	0.86	0.45	-17.0	-21.4	-30.5	0.10		
3.3	12.21	747.7	743.9	740.7	0.66	0.77	0.39	-17.3	-21.3	-30.4	0.08		
3.5	12.22	750.9	746.9	743.7	0.53	0.69	0.34	-17.5	-21.2	-31.1	0.04		
3.8	12.36	754.0	750.0	746.7	0.44	0.61	0.28	-17.7	-21.1	-31.1	0.02		
4.0	12.61	757.2	753.2	749.8	0.33	0.54	0.23	-18.0	-21.0	-31.0	0.01		
4.3	12.68	760.4	756.3	752.9	0.26	0.45	0.18	-18.3	-20.9	-30.9	0.05		
4.5	12.70	763.6	759.5	756.0	0.18	0.39	0.11	-18.5	-20.9	-30.7	0.07		
4.8	12.81	766.8	762.7	759.2	0.09	0.34	0.08	-18.8	-20.7	-30.6	0.09		
5.0	12.92	770.1	765.9	762.3	0.03	0.28	0.03	-19.0	-20.7	-30.6	0.11		