

Voltage Controlled Oscillator

ROS-ED9077/1

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			
0.3	4.41	237.1	236.1	235.8	3.76	3.61	3.48	-17.2	-23.7	-26.0	0.17	1	-95
0.5	4.34	238.3	237.2	236.9	3.71	3.61	3.48	-17.3	-23.7	-26.0	0.15	10	-118
0.8	4.52	239.4	238.3	238.0	3.70	3.57	3.43	-17.7	-23.8	-26.0	0.14	100	-138
1.0	4.80	240.7	239.5	239.2	3.69	3.57	3.43	-17.7	-23.8	-26.0	0.13	1000	-158
1.3	5.18	242.0	240.8	240.5	3.68	3.56	3.42	-17.8	-23.8	-26.0	0.14		
1.5	5.57	243.4	242.2	241.8	3.62	3.56	3.42	-18.0	-23.8	-26.0	0.16		
1.8	5.87	244.9	243.6	243.3	3.61	3.50	3.37	-18.3	-23.8	-26.0	0.21		
2.0	6.04	246.4	245.2	244.8	3.60	3.49	3.36	-18.3	-23.8	-26.0	0.29		
2.3	6.06	247.8	246.7	246.3	3.53	3.49	3.34	-18.5	-24.0	-26.0	0.42		
2.5	5.92	249.2	248.2	247.7	3.53	3.44	3.29	-18.7	-24.0	-26.0	0.55		
2.8	5.79	250.5	249.6	249.2	3.51	3.44	3.28	-19.0	-24.0	-26.0	0.68		
3.0	5.55	251.9	251.0	250.6	3.50	3.43	3.28	-19.2	-24.0	-26.0	0.82		
3.3	5.28	253.1	252.3	252.0	3.49	3.43	3.28	-19.2	-23.8	-25.8	0.92		
3.5	5.06	254.3	253.6	253.2	3.48	3.43	3.27	-19.3	-23.8	-25.7	1.02		
3.8	4.75	255.4	254.8	254.4	3.47	3.42	3.26	-19.5	-23.8	-25.5	1.11		
4.0	4.46	256.5	255.9	255.6	3.47	3.43	3.27	-19.8	-24.0	-25.7	1.17		
4.3	4.14	257.5	256.9	256.6	3.46	3.43	3.27	-20.0	-24.0	-25.5	1.21		
4.5	3.88	258.5	257.9	257.6	3.46	3.43	3.27	-20.0	-24.2	-25.5	1.22		
4.8	3.57	259.3	258.8	258.5	3.46	3.43	3.27	-20.2	-24.2	-25.5	1.23		
5.0	3.29	260.1	259.6	259.3	3.47	3.45	3.28	-20.3	-24.2	-25.3	1.21		