

Voltage Controlled Oscillator

ROS-ED11839/1

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	23.89	1060.1	1056.2	1051.2	1.03	-0.03	1.05	-14.0	-32.0		0.04	1	-85
1.0	23.25	1071.1	1067.8	1063.1	1.40	-0.02	0.91	-14.7	-34.2		0.05	10	-110
1.5	27.84	1084.2	1080.4	1075.6	0.92	-0.22	1.12	-15.7	-37.8		0.21	100	-130
2.0	31.28	1100.0	1095.2	1089.7	0.65	-0.39	1.40	-15.6	-34.3		0.18	1000	-150
2.5	34.21	1117.0	1111.5	1105.5	0.60	-0.24	1.49	-15.7	-32.9		0.06		
3.0	35.12	1134.7	1128.9	1122.6	0.39	-0.63	1.55	-16.2	-31.5		0.57		
3.5	33.32	1152.1	1146.1	1139.9	0.31	-0.71	1.54	-16.8	-30.7		1.22		
4.0	28.79	1167.6	1161.8	1155.7	0.45	-0.69	1.45	-17.2	-29.7		1.74		
4.5	22.86	1180.6	1174.9	1168.8	0.52	-0.46	1.40	-17.8	-28.5		1.87		
5.0	16.65	1190.7	1184.9	1178.8	0.61	-0.35	1.28	-18.5	-28.2		1.59		
5.5	11.28	1198.0	1192.0	1185.7	0.63	-0.31	1.25	-18.9	-27.9		1.08		
6.0	7.44	1203.0	1196.8	1190.3	0.68	-0.26	1.20	-19.2	-27.5		0.60		