

Voltage Controlled Oscillator

ROS-ED11582/1

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	26.40	1030.1	1026.4	1021.8	0.55	-0.13	-0.88	-13.1	-33.8	-22.4	0.00	1	-85
1.0	26.63	1043.5	1039.5	1034.8	0.61	-0.11	-0.94	-13.2	-33.4	-22.2	0.12	10	-110
1.5	28.27	1057.4	1053.2	1048.2	0.86	-0.01	-0.96	-13.5	-33.7	-22.5	0.18	100	-130
2.0	31.06	1071.4	1067.6	1062.8	1.16	0.07	-0.91	-14.5	-37.1	-25.2	0.17	1000	-150
2.5	36.00	1089.4	1084.6	1079.4	0.44	-0.29	-1.07	-14.7	-36.6	-25.8	0.06		
3.0	36.62	1108.3	1103.0	1097.4	0.23	-0.44	-1.20	-14.9	-34.2	-26.1	0.68		
3.5	34.19	1126.2	1120.9	1115.3	0.19	-0.49	-1.32	-15.4	-32.8	-27.0	1.45		
4.0	30.06	1142.5	1137.3	1131.9	0.14	-0.51	-1.32	-15.8	-31.2	-28.2	2.09		
4.5	24.14	1156.1	1151.0	1145.7	0.15	-0.50	-1.28	-16.4	-29.9	-29.0	2.28		
5.0	18.11	1166.8	1161.6	1156.4	0.23	-0.47	-1.27	-17.0	-29.1	-30.0	2.02		
5.5	12.76	1174.7	1169.5	1164.0	0.29	-0.45	-1.28	-17.6	-28.5	-31.0	1.46		
6.0	8.44	1180.3	1174.9	1169.2	0.33	-0.45	-1.29	-17.7	-27.9	-31.8	0.85		
6.5	5.71	1184.1	1178.5	1172.8	0.35	-0.45	-1.31	-17.9	-27.6	-33.7	0.41		