

Voltage Controlled Oscillator

ROS-ED11693/1

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	17.18	1045.4	1041.1	1037.4	0.99	1.48	1.71	-34.9	-31.4	-41.2	0.34	1	-84
1.0	16.21	1053.5	1049.4	1045.7	0.94	1.47	1.73	-35.4	-31.6	-41.9	0.35	10	-107
1.5	16.11	1061.6	1057.4	1053.7	0.97	1.53	1.79	-36.1	-32.3	-41.2	0.34	100	-127
2.0	16.44	1069.8	1065.6	1061.7	1.01	1.56	1.85	-36.6	-32.7	-41.9	0.33	1000	-137
2.5	16.99	1078.3	1073.9	1069.9	1.08	1.60	1.89	-37.3	-33.6	-42.1	0.30		
3.0	17.51	1087.0	1082.5	1078.4	1.13	1.61	1.87	-38.4	-34.4	-42.3	0.26		
3.5	17.95	1096.1	1091.4	1087.0	1.22	1.64	1.87	-39.1	-34.7	-42.9	0.23		
4.0	18.13	1105.3	1100.4	1095.9	1.30	1.69	1.87	-39.9	-35.5	-43.4	0.20		
4.5	17.96	1114.4	1109.4	1104.8	1.32	1.73	1.94	-40.7	-36.2	-44.1	0.16		
5.0	17.51	1123.4	1118.3	1113.6	1.34	1.77	2.00	-41.6	-37.0	-44.9	0.13		
5.5	16.83	1132.1	1126.9	1122.1	1.36	1.82	2.07	-41.8	-37.8	-44.9	0.10		
6.0	16.11	1140.4	1135.2	1130.3	1.40	1.86	2.11	-43.7	-37.8	-44.9	0.06		