

Voltage Controlled Oscillator

ROS-EDR4039

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	12.30	1078.5	1073.2	1067.3	6.24	6.33	6.32	-8.5	-33.2	-30.2	1.34	1	-71
1.0	10.80	1083.4	1078.5	1072.8	6.40	6.39	6.32	-8.4	-33.6	-30.4	1.22	10	-97
1.5	9.70	1088.1	1083.4	1078.1	6.50	6.56	6.36	-8.4	-33.3	-30.3	1.28	100	-120
2.0	9.30	1092.8	1088.1	1082.9	6.56	6.66	6.52	-8.5	-33.2	-30.4	1.22	1000	-141
2.5	9.50	1097.6	1092.8	1087.7	6.58	6.74	6.62	-8.6	-33.3	-30.4	1.28		
3.0	9.70	1102.7	1097.7	1092.5	6.58	6.78	6.70	-8.5	-33.7	-30.5	1.34		
3.5	10.00	1108.0	1102.7	1097.4	6.56	6.78	6.74	-8.1	-33.2	-30.1	1.41		
4.0	10.40	1113.3	1107.8	1102.3	6.47	6.76	6.75	-8.0	-32.3	-30.0	1.47		
4.5	10.40	1119.4	1113.0	1107.3	6.29	6.68	6.75	-7.9	-31.2	-29.7	1.54		
5.0	11.10	1124.7	1118.6	1112.3	6.44	6.51	6.70	-7.9	-30.4	-29.2	1.92		