

Voltage Controlled Oscillator

ROS-EDR3946/1

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	16.30	1024.3	1021.6	1017.2	-0.86	-0.65	-0.67	-31.7	-38.4	-34.7	0.32	1	-55
1.0	15.20	1032.1	1029.3	1024.6	-0.60	-0.41	-0.46	-29.3	-37.8	-34.1	0.26	10	-87
1.5	15.20	1040.1	1036.9	1031.9	-0.37	-0.18	-0.20	-28.5	-37.9	-36.0	0.38	100	-116
2.0	15.10	1048.0	1044.4	1039.6	-0.18	0.07	0.03	-27.3	-38.4	-35.8	0.26	1000	-137
2.5	16.00	1056.5	1052.4	1047.2	-0.01	0.27	0.24	-26.6	-37.5	-34.5	0.19		
3.0	16.90	1065.3	1060.9	1055.3	0.10	0.40	0.44	-26.3	-36.3	-34.4	0.26		
3.5	17.80	1074.4	1069.8	1063.9	0.24	0.53	0.58	-25.2	-36.6	-35.4	0.32		
4.0	17.90	1083.6	1078.7	1072.7	0.35	0.64	0.73	-24.7	-36.2	-37.5	0.32		
4.5	17.80	1092.7	1087.6	1081.6	0.51	0.82	0.83	-23.5	-36.5	-38.4	0.32		
5.0	17.50	1101.8	1096.4	1090.2	0.61	0.97	1.00	-22.8	-36.2	-40.2	0.32		