

Voltage Controlled Oscillator

ROS-EDR3946/2

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	19.50	1015.6	1014.3	1012.2	2.86	1.68	-0.05	-34.5	-36.6	-42.2	0.32	1	-86
1.0	17.20	1025.2	1022.9	1020.4	2.72	2.12	0.45	-35.2	-38.1	-40.3	0.32	10	-109
1.5	16.60	1035.1	1031.2	1028.8	3.42	2.41	0.67	-35.7	-39.2	-38.4	0.32	100	-130
2.0	17.00	1043.4	1039.7	1037.6	3.77	2.55	0.78	-36.0	-40.0	-39.3	0.19	1000	-148
2.5	18.20	1052.1	1048.8	1047.6	3.90	2.56	0.56	-36.0	-40.5	-39.6	0.19		
3.0	21.50	1061.4	1059.6	1057.8	3.77	2.39	0.69	-36.3	-40.4	-37.7	0.19		
3.5	21.00	1072.1	1070.1	1068.4	3.75	2.42	0.61	-36.8	-40.8	-36.0	0.13		
4.0	22.00	1082.7	1081.1	1079.7	3.66	2.27	0.41	-37.3	-41.3	-36.4	0.06		
4.5	22.90	1093.9	1092.5	1092.2	3.35	2.04	0.25	-38.0	-41.8	-36.2	0.00		
5.0	23.40	1106.1	1104.3	1103.7	2.75	1.67	0.12	-38.7	-41.5	-36.7	-0.13		