

Voltage Controlled Oscillator

ROS-EDR4807

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	33.70	1018.4	1015.1	1011.7	2.85	2.83	2.44	-23.5	-33.6	-47.7	-0.19	1	-85
1.0	30.60	1034.0	1030.4	1026.7	2.73	2.91	2.64	-24.3	-33.1	-46.7	-0.13	10	-105
1.5	30.30	1049.3	1045.6	1041.4	2.65	2.95	2.78	-25.1	-33.4	-46.2	-0.06	100	-124
2.0	30.80	1065.0	1061.0	1056.3	2.66	2.94	2.93	-25.7	-32.3	-45.8	-0.06	1000	-145
2.5	31.50	1081.2	1076.7	1071.6	2.62	3.04	3.10	-26.2	-32.2	-46.5	-0.06		
3.0	32.60	1097.9	1093.1	1087.7	2.62	3.09	3.13	-27.1	-32.2	-46.5	-0.06		
3.5	33.30	1114.6	1109.7	1103.8	2.65	3.11	3.26	-27.8	-31.3	-46.9	0.06		
4.0	33.30	1131.3	1126.3	1119.7	2.63	3.11	3.35	-28.6	-31.4	-48.2	0.00		
4.5	32.40	1147.7	1142.5	1135.7	2.62	3.17	3.34	-29.5	-31.3	-49.3	0.00		
5.0	31.50	1163.7	1158.3	1151.3	2.62	3.21	3.37	-30.7	-31.8	-51.6	0.06		
5.5	30.20	1178.6	1173.4	1166.2	2.70	3.18	3.37	-31.8	-30.9	-53.0	0.06		
6.0	28.20	1192.7	1187.5	1180.2	2.63	3.25	3.43	-33.0	-30.9	-56.4	0.00		
6.5	26.80	1206.4	1200.8	1193.2	2.39	3.24	3.34	-34.7	-31.9	-57.2	0.00		
7.0	25.60	1219.6	1213.6	1206.1	2.25	3.16	3.11	-36.2	-32.0	-57.2	0.00		