

Voltage Controlled Oscillator

ROS-EDR4216/1

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	6.00	917.3	911.4	908.0	-1.79	-1.56	-2.53	-19.7	-29.0	-34.7	0.45	1	-73
1.0	4.70	919.6	913.7	910.0	-1.71	-1.49	-2.06	-19.7	-29.4	-34.2	0.38	10	-100
1.5	4.20	921.6	915.8	911.6	-1.66	-1.44	-1.76	-20.0	-29.8	-34.0	0.38	100	-124
2.0	4.00	923.5	917.8	913.3	-1.63	-1.41	-1.56	-20.0	-29.7	-34.3	0.38	1000	-143
2.5	4.00	925.5	919.8	915.0	-1.59	-1.37	-1.42	-20.0	-29.5	-34.5	0.45		
3.0	3.70	927.3	921.7	916.7	-1.55	-1.33	-1.32	-20.1	-29.2	-34.4	0.45		
3.5	3.60	929.2	923.5	918.4	-1.52	-1.29	-1.24	-20.3	-29.4	-33.9	0.38		
4.0	3.70	930.9	925.3	920.1	-1.50	-1.26	-1.18	-20.1	-29.3	-33.6	0.45		
4.5	3.60	932.7	927.1	921.7	-1.50	-1.23	-1.14	-20.0	-29.3	-33.3	0.45		
5.0	3.60	934.4	928.9	923.5	-1.50	-1.21	-1.10	-20.2	-29.4	-33.2	0.38		
5.5	3.70	936.3	930.8	925.3	-1.53	-1.20	-1.08	-20.2	-29.4	-33.4	0.38		
6.0	3.80	938.1	932.7	927.2	-1.59	-1.20	-1.04	-20.0	-29.9	-33.7	0.45		
6.5	4.00	940.2	934.7	929.2	-1.68	-1.21	-1.00	-20.0	-30.2	-34.2	0.45		
7.0	4.10	942.3	936.7	931.3	-1.84	-1.24	-0.98	-20.0	-30.3	-34.0	0.45		
7.5	4.40	944.9	938.9	933.4	-2.15	-1.29	-0.96	-20.1	-29.9	-33.4	0.45		
8.0	4.70	949.8	941.3	935.5	-3.14	-1.39	-0.97	-20.0	-29.2	-33.5	0.51		
8.5	5.20	953.1	943.9	937.9	-2.51	-1.55	-1.00	-19.9	-29.0	-33.9	0.64		
9.0	6.10	955.1	946.9	940.3	-1.96	-1.89	-1.08	-19.7	-28.8	-34.7	0.77		