

Voltage Controlled Oscillator

ROS-ED8312A/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			
1.0	28.16	781.8	776.0	771.0	-0.45	-0.47	-0.85	-33.6	-24.6	-32.0	1.49	1	-73
2.0	18.58	801.3	794.6	789.1	-0.19	-0.50	-0.58	-34.8	-25.1	-31.1	1.67	10	-98
3.0	15.44	817.3	810.0	805.0	0.10	0.07	-0.44	-34.2	-25.8	-30.9	1.56	100	-118
4.0	14.63	831.7	824.6	820.8	0.40	0.31	-0.35	-33.0	-26.8	-31.4	0.97	1000	-138
5.0	15.04	846.6	839.7	836.5	0.57	0.45	-0.27	-31.8	-27.5	-32.0	0.24		
6.0	15.49	862.1	855.2	851.7	0.64	0.47	0.24	-30.5	-28.3	-32.7	0.07		
7.0	15.44	877.8	870.6	866.5	0.77	0.48	-0.24	-29.7	-28.4	-33.2	0.03		
8.0	15.22	893.7	885.8	880.9	0.83	0.52	-0.17	-28.8	-28.5	-33.8	0.05		
9.0	14.96	909.3	900.8	895.1	0.86	0.60	-0.07	-28.5	-28.6	-34.3	0.10		
10.0	14.59	924.6	915.4	909.1	0.83	0.60	-0.03	-27.9	-28.6	-35.2	0.10		
11.0	13.97	939.0	929.3	922.5	0.79	0.56	-0.02	-27.7	-28.5	-35.3	0.09		
12.0	13.03	952.4	942.4	935.0	0.70	0.50	-0.05	-27.7	-28.3	-36.1	0.14		
13.0	11.81	964.3	954.2	946.5	0.55	0.44	-0.09	-27.5	-28.4	-36.7	0.30		