

Voltage Controlled Oscillator

ROS-ED8425/1

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	43.32	2351.8	2332.3	2313.8	0.21	0.34	-0.12	-39.2	-35.2	-38.5	3.96	1	-73
1.0	36.78	2369.8	2350.7	2332.4	-0.05	0.10	-0.22	-40.0	-35.0	-38.7	3.99	10	-96
1.5	33.99	2386.6	2367.7	2349.4	-0.11	-0.16	-0.46	-39.0	-35.5	-38.3	3.98	100	-116
2.0	32.75	2402.9	2384.1	2365.6	0.08	-0.27	-0.61	-40.2	-35.3	-38.7	3.93	1000	-136
2.5	32.04	2418.7	2400.1	2381.6	0.27	-0.12	-0.85	-39.5	-34.8	-38.0	3.96		
3.0	31.56	2434.4	2415.9	2397.3	0.27	0.06	-0.74	-39.0	-34.8	-38.0	3.95		
3.5	31.53	2450.1	2431.6	2413.0	0.27	0.16	-0.55	-38.7	-35.2	-37.2	3.89		
4.0	31.36	2466.0	2447.3	2428.6	0.18	0.01	-0.44	-38.7	-35.2	-38.0	3.83		
4.5	31.52	2481.9	2463.1	2444.0	0.11	0.01	-0.59	-38.7	-35.2	-38.5	3.70		
5.0	30.69	2497.4	2478.4	2459.1	-0.04	-0.10	-0.68	-39.0	-35.2	-39.2	3.55		
5.5	28.68	2511.7	2492.8	2473.3	-0.22	-0.22	-0.70	-38.7	-36.0	-39.3	3.28		
6.0	25.18	2524.2	2505.4	2485.8	-0.40	-0.34	-0.76	-38.8	-35.5	-39.0	3.09		