

Voltage Controlled Oscillator

ROS-ED11820A/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	150.82	1935.8	1913.6	1887.1	0.95	0.99	1.35	-26.0	-26.7	-49.7	6.57	1	-65
1.0	140.06	2008.2	1988.0	1959.8	1.25	1.44	1.50	-31.9	-30.1	-52.0	6.91	10	-90
1.5	135.91	2074.5	2055.9	2027.8	1.28	1.53	1.77	-34.6	-33.1	-44.8	6.53	100	-110
2.0	131.33	2139.9	2123.2	2095.0	1.42	1.59	1.80	-28.9	-36.0	-41.1	5.71	1000	-130
2.5	139.66	2208.4	2191.8	2162.6	1.18	1.44	1.54	-24.6	-38.3	-39.4	5.36		
3.0	144.28	2278.1	2261.7	2233.2	1.21	1.38	1.52	-22.3	-41.1	-39.3	4.79		
3.5	141.76	2350.4	2334.6	2306.1	1.05	1.28	1.28	-20.5	-42.3	-38.6	4.13		
4.0	141.33	2423.2	2407.1	2378.3	0.77	0.94	0.98	-19.2	-45.8	-37.7	3.42		
4.5	133.90	2491.0	2474.8	2447.6	0.39	0.67	0.58	-18.7	-45.9	-37.8	2.02		
5.0	113.90	2552.3	2536.9	2511.0	0.17	0.37	0.35	-18.3	-45.7	-40.0	0.17		
5.5	103.65	2606.6	2591.5	2566.4	-0.14	0.04	0.03	-18.5	-45.4	-43.3	1.66		
6.0	87.63	2654.3	2639.5	2615.5	-0.55	-0.40	-0.27	-18.9	-44.3	-42.7	2.97		