

Voltage Controlled Oscillator

ROS-ED9764A/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	66.67	2245.8	2236.4	2226.4	1.97	3.45	4.15	-29.1	-38.1	-50.8	1.48	0.1	-78
1.0	57.52	2276.2	2267.3	2257.9	2.64	4.19	4.79	-28.8	-37.8	-53.2	1.29	1	-103
1.5	53.48	2303.3	2294.8	2285.9	3.24	4.81	5.59	-27.9	-36.8	-57.1	1.08	10	-123
2.0	51.00	2329.1	2320.7	2311.6	3.63	5.20	5.91	-27.4	-35.7	-58.0	0.90	100	-143
2.5	48.91	2354.2	2345.6	2336.5	3.71	5.26	5.89	-26.8	-35.2	-55.0	0.62		
3.0	45.56	2378.4	2369.5	2360.3	3.40	5.10	5.84	-26.4	-34.4	-47.1	0.05		
3.5	42.00	2401.1	2391.5	2382.2	3.08	4.72	5.49	-25.7	-33.9	-43.4	1.27		
4.0	38.12	2421.9	2411.7	2402.1	2.56	4.27	5.07	-24.9	-33.3	-41.3	2.66		
4.5	34.32	2440.7	2429.9	2420.2	2.27	3.85	4.63	-24.2	-33.0	-40.0	3.83		
5.0	30.21	2457.1	2446.1	2436.4	1.96	3.48	4.00	-23.8	-32.9	-39.2	4.62		