

Voltage Controlled Oscillator

ROS-ED9460/1

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			
2.0	49.56	2377.1	2359.8	2346.3	3.91	4.22	4.37	-25.2	-26.5	-42.2	1.78	1	-72
2.5	57.74	2407.0	2388.7	2375.6	4.10	4.08	3.95	-25.6	-26.6	-42.1	1.70	10	-95
3.0	69.24	2443.1	2423.3	2408.8	4.50	4.46	4.19	-26.1	-27.0	-42.8	1.78	100	-115
3.5	74.10	2479.6	2460.3	2445.9	4.47	4.75	4.57	-26.8	-27.1	-43.4	1.48	1000	-135
4.0	67.66	2514.6	2494.2	2479.6	4.15	4.49	4.60	-27.7	-27.5	-41.2	1.25		
4.5	53.22	2539.8	2520.8	2506.4	3.89	4.30	4.36	-28.2	-27.7	-39.5	1.12		
5.0	33.34	2555.1	2537.4	2524.2	3.79	4.14	4.19	-28.9	-28.6	-39.4	1.26		
5.5	19.00	2563.5	2546.9	2534.4	3.80	4.03	4.10	-28.9	-28.5	-38.2	1.51		
6.0	11.44	2568.6	2552.7	2540.6	3.83	4.00	4.02	-29.4	-28.3	-38.8	1.61		
6.5	7.62	2572.1	2556.5	2544.7	3.82	3.98	3.98	-29.2	-28.2	-38.0	1.64		
7.0	5.60	2574.8	2559.3	2547.7	3.85	3.99	3.96	-29.6	-28.3	-38.2	1.68		
7.5	4.38	2577.1	2561.5	2550.0	3.85	3.98	3.95	-29.3	-28.5	-37.8	1.68		
8.0	3.68	2578.9	2563.3	2551.9	3.89	3.99	3.94	-29.6	-28.5	-37.8	1.68		
8.5	3.14	2580.5	2564.9	2553.6	3.89	3.98	3.93	-29.4	-28.6	-38.2	1.67		
9.0	2.74	2581.9	2566.2	2555.0	3.90	3.98	3.92	-29.8	-28.6	-37.9	1.67		
9.5	2.44	2583.2	2567.5	2556.2	3.95	3.97	3.91	-29.8	-28.3	-38.5	1.70		
10.0	2.28	2584.4	2568.6	2557.4	3.95	4.01	3.91	-29.6	-28.6	-38.1	1.70		