

Voltage Controlled Oscillator

ROS-ED6794/2

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	132.70	2176.1	2150.6	2134.4	10.81	11.03	11.19	-18.9	-37.4	-36.7	2.24	1	-65
1.0	118.70	2233.3	2209.9	2194.9	10.76	10.57	10.63	-18.8	-37.4	-38.2		10	-90
1.5	117.20	2289.8	2268.5	2254.6	10.87	10.95	10.70	-19.6	-37.4	-37.7		100	-110
2.0	118.60	2348.4	2327.8	2314.5	10.84	10.56	10.75	-21.5	-37.9	-39.2	0.60	1000	-125
2.5	122.00	2406.8	2388.8	2376.4	10.78	10.04	9.71	-22.8	-41.2	-43.8			
3.0	118.40	2465.7	2448.0	2436.2	10.59	9.92	9.85	-24.2	-42.7	-47.1			
3.5	122.20	2524.8	2509.1	2497.7	10.28	9.63	9.71	-23.3	-40.2	-46.5	3.36		
4.0	115.70	2581.0	2566.9	2556.6	10.00	9.21	8.93	-24.5	-37.2	-46.1			
4.5	112.50	2636.9	2623.2	2612.9	9.61	9.07	8.95	-24.3	-36.1	-44.5			
5.0	105.30	2687.8	2675.8	2666.4	9.21	8.59	8.80	-25.0	-37.5	-42.4	6.69		
5.5	94.80	2736.6	2723.2	2714.0	8.67	8.03	8.10	-25.4	-35.4	-42.8			
6.0	89.00	2779.1	2767.7	2758.4	8.34	7.85	7.91	-25.8	-33.0	-42.7			
6.5	78.60	2818.4	2807.0	2798.4	7.81	8.07	7.76	-26.3	-35.8	-43.2			
7.0	68.90	2853.1	2841.4	2833.1	7.45	7.71	7.34	-26.9	-36.3	-42.4			