

Voltage Controlled Oscillator

ROS-ED11807/1

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			
1.0	71.71	2210.9	2195.6	2192.4	6.37	6.19	6.66	-25.0	-48.5	-39.8	0.03	1	-75
2.0	60.10	2275.1	2260.4	2257.1	6.38	6.36	6.90	-25.9	-49.4	-46.8	0.17	10	-100
3.0	53.76	2330.7	2317.0	2313.4	6.74	6.52	6.96	-26.1	-50.3	-43.0	0.29	100	-120
4.0	49.84	2382.4	2368.5	2364.3	6.68	6.72	7.38	-25.9	-45.8	-44.2	0.31	1000	-140
5.0	48.10	2430.9	2417.2	2412.6	6.96	6.89	7.42	-24.2	-45.8	-43.3	0.33		
6.0	46.81	2478.6	2464.6	2458.9	6.94	7.05	7.62	-22.0	-45.5	-41.4	0.37		
7.0	46.03	2524.8	2510.8	2504.9	7.22	7.26	7.81	-23.2	-45.2	-38.9	0.45		
8.0	45.75	2570.7	2556.6	2549.5	7.18	7.50	8.07	-27.0	-47.2	-40.3	0.53		
9.0	45.76	2616.7	2602.3	2594.9	7.34	7.71	8.36	-30.2	-50.3	-41.2	0.61		
10.0	46.31	2662.4	2648.3	2639.5	7.50	7.88	8.35	-31.6	-48.7	-40.0	0.67		