

Voltage Controlled Oscillator

ROS-ED11791/1

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	5.95	2440.5	2435.1	2431.3	6.68	6.69	5.42	-20.7	-30.6	-41.3	0.04	1	-92
1.0	5.95	2440.5	2435.1	2431.3	6.68	6.69	5.42	-20.7	-30.6	-41.3	0.04	10	-117
2.0	5.61	2446.2	2440.9	2437.1	6.75	6.80	5.79	-20.0	-30.1	-40.8	0.05	100	-137
2.0	5.61	2446.2	2440.9	2437.1	6.75	6.80	5.79	-20.0	-30.1	-40.8	0.05	1000	-157
3.0	5.63	2451.7	2446.5	2442.7	6.86	6.93	6.06	-19.7	-29.7	-41.0	0.05		
3.0	5.63	2451.7	2446.5	2442.7	6.86	6.93	6.06	-19.7	-29.7	-41.0	0.05		
4.0	5.71	2457.3	2452.1	2448.4	6.95	7.03	6.30	-19.4	-29.4	-40.6	0.03		
4.0	5.71	2457.3	2452.1	2448.4	6.95	7.03	6.30	-19.4	-29.4	-40.6	0.03		
5.0	5.60	2463.0	2457.8	2454.1	7.06	7.15	6.52	-19.1	-29.5	-40.0	0.01		
5.0	5.60	2463.0	2457.8	2454.1	7.06	7.15	6.52	-19.1	-29.5	-40.0	0.01		
6.0	5.00	2468.3	2463.2	2459.6	7.13	7.22	6.67	-18.8	-29.5	-40.3	0.06		
6.0	5.00	2468.3	2463.2	2459.6	7.13	7.22	6.67	-18.8	-29.5	-40.3	0.06		
7.0	3.95	2472.8	2467.8	2464.3	7.21	7.31	6.81	-18.7	-29.5	-40.1	0.13		
7.0	3.95	2472.8	2467.8	2464.3	7.21	7.31	6.81	-18.7	-29.5	-40.1	0.13		
8.0	2.75	2476.2	2471.3	2467.8	7.25	7.37	6.92	-18.6	-29.4	-40.2	0.13		
8.0	2.75	2476.2	2471.3	2467.8	7.25	7.37	6.92	-18.6	-29.4	-40.2	0.13		