

Voltage Controlled Oscillator

ROS-ED7148/11

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	41.80	543.3	538.5	530.9	6.20	6.43	6.55	-14.0	-53.7	-53.4	0.09	1	-72
2.0	34.70	578.1	573.1	565.4	6.02	6.33	6.44	-16.9	-54.1	-53.7	0.47	10	-95
3.0	33.20	611.6	606.3	598.2	6.06	6.34	6.47	-19.7	-51.5	-52.4	0.83	100	-105
4.0	32.30	644.1	638.5	630.3	6.05	6.25	6.33	-22.4	-50.1	-54.5	1.09	1000	-135
5.0	31.40	675.7	670.0	662.1	6.40	6.42	6.51	-25.1	-50.3	-54.6	0.48		
6.0	31.20	706.8	701.2	693.9	6.33	6.54	6.47	-27.9	-50.8	-53.5	0.26		
7.0	30.60	737.2	731.7	724.9	6.65	6.66	6.46	-31.5	-51.3	-53.2	0.96		
8.0	29.50	766.7	761.3	754.8	6.76	6.58	6.58	-35.4	-50.9	-52.8	2.10		
9.0	28.50	794.8	789.7	783.7	6.56	6.52	6.36	-40.3	-52.0	-51.0	2.49		
10.0	28.10	822.7	817.8	812.1	6.40	6.42	6.11	-47.0	-52.3	-48.0	2.64		
11.0	28.00	850.8	845.8	840.6	5.85	5.94	5.78	-50.3	-56.8	-46.0	2.38		
12.0	27.50	878.5	873.3	868.1	5.18	5.38	5.17	-45.7	-55.3	-42.1	2.14		
13.0	26.70	905.3	900.0	894.5	4.93	5.01	4.80	-43.6	-53.0	-39.6	1.89		
14.0	25.60	931.1	925.6	919.8	4.32	4.59	4.57	-42.3	-50.5	-39.8	1.22		
15.0	23.70	954.9	949.3	943.4	3.62	3.91	3.77	-41.7	-48.7	-41.3	0.88		