

Voltage Controlled Oscillator

ROS-740PV+

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	16.80	707.2	703.5	699.6	0.65	1.12	0.94	-14.4	-22.8	-31.2	0.04	1	-84
0.8	15.20	710.9	707.3	703.5	0.57	1.08	0.91	-14.8	-22.7	-31.1	0.05	10	-106
1.0	13.96	714.3	710.8	707.1	0.48	1.03	0.89	-15.2	-22.5	-31.1	0.09	100	-126
1.3	13.24	717.6	714.1	710.5	0.41	0.97	0.86	-15.4	-22.3	-30.9	0.11	1000	-145
1.5	12.60	720.7	717.3	713.7	0.36	0.94	0.81	-15.8	-22.3	-31.0	0.11		
1.8	12.06	723.8	720.3	716.7	0.28	0.88	0.80	-16.1	-22.0	-31.0	0.13		
2.0	11.77	726.7	723.2	719.6	0.23	0.83	0.75	-16.5	-22.0	-30.8	0.16		
2.3	11.45	729.6	726.1	722.5	0.17	0.78	0.73	-16.8	-21.8	-30.8	0.16		
2.5	11.30	732.4	728.9	725.3	0.10	0.74	0.69	-17.1	-21.8	-30.5	0.18		
2.8	11.12	735.2	731.7	728.1	0.07	0.69	0.65	-17.4	-21.7	-30.5	0.20		
3.0	11.01	738.0	734.4	730.8	0.05	0.66	0.61	-17.7	-21.6	-30.5	0.22		
3.3	10.94	740.8	737.2	733.5	-0.02	0.61	0.60	-18.0	-21.6	-30.2	0.24		
3.5	10.92	743.5	739.9	736.2	-0.02	0.60	0.55	-18.2	-21.5	-30.3	0.25		
3.8	10.89	746.3	742.6	738.9	-0.08	0.60	0.55	-18.6	-21.4	-31.5	0.27		
4.0	10.92	749.1	745.4	741.6	-0.08	0.55	0.50	-18.8	-21.3	-31.2	0.29		
4.3	11.00	751.8	748.1	744.4	-0.13	0.55	0.50	-19.1	-21.4	-31.5	0.30		
4.5	11.03	754.6	750.9	747.1	-0.13	0.51	0.46	-19.5	-21.2	-31.4	0.32		
4.8	11.11	757.4	753.6	749.8	-0.16	0.50	0.46	-19.7	-21.0	-31.3	0.34		
5.0	11.21	760.3	756.4	752.6	-0.16	0.48	0.46	-19.9	-20.9	-31.4	0.36		

REV. X1
 ROS-740PV+
 070501
 Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant
 P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

