

# Voltage Controlled Oscillator

# ROS-765+

## 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	38.08	444.5	436.0	429.5	7.97	7.65	6.74	-18.6	-27.3	-36.4	0.77	1	-74
2.0	39.81	482.0	475.8	471.1	8.08	7.99	7.72	-21.9	-32.3	-33.6	-0.13	10	-95
3.0	35.90	517.8	511.7	506.2	8.39	8.60	8.34	-22.7	-39.4	-32.0	0.51	100	-115
4.0	28.03	546.0	539.8	533.8	6.98	7.48	7.20	-21.8	-33.7	-29.8	0.96	1000	-135
5.0	36.29	582.6	576.1	571.2	7.34	7.72	7.80	-26.5	-36.4	-30.9	-0.51		
6.0	32.26	614.9	608.3	603.1	8.36	8.61	8.54	-36.9	-35.8	-33.7	0.00		
7.0	26.11	640.9	634.4	629.2	8.70	8.98	9.02	-29.9	-36.7	-35.1	0.32		
8.0	20.99	661.4	655.4	649.5	8.39	8.80	8.60	-27.2	-38.4	-36.8	0.96		
9.0	14.85	675.6	670.3	666.0	6.65	7.05	6.78	-28.2	-41.5	-38.4	-0.64		
10.0	23.30	699.4	693.6	689.0	6.11	6.40	6.15	-28.8	-41.0	-40.3	-0.51		
11.0	21.18	721.1	714.8	709.8	5.67	5.99	5.71	-29.8	-41.0	-41.3	-0.19		
12.0	18.88	740.0	733.6	728.3	5.40	5.61	5.37	-30.9	-38.7	-43.0	-0.13		
13.0	16.64	757.4	750.3	745.0	5.22	5.27	5.06	-32.1	-39.0	-43.2	-0.13		
14.0	15.17	772.8	765.4	759.9	4.94	4.95	4.77	-33.1	-38.6	-43.9	0.06		
15.0	13.25	786.2	778.7	773.1	4.49	4.58	4.40	-34.6	-37.4	-44.6	0.13		
16.0	11.97	798.3	790.7	784.4	4.07	4.11	3.81	-37.0	-37.6	-45.7	0.19		
17.0	10.30	808.8	801.0	794.7	3.63	3.62	3.15	-39.5	-39.0	-45.3	0.13		
18.0	8.64	817.5	809.6	802.9	3.15	2.95	2.29	-43.4	-40.6	-45.8	0.19		

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