

# Voltage Controlled Oscillator

# ROS-960PV+

## 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	28.98	871.8	867.1	863.7	0.47	0.97	1.25	-24.3	-37.6	-52.0	0.18	1	-80
1.0	26.18	884.9	880.2	876.8	0.67	1.26	1.72	-26.1	-36.8	-52.1	0.18	10	-102
1.5	25.56	897.9	893.0	889.5	0.44	1.25	1.75	-28.0	-35.7	-49.9	0.18	100	-122
2.0	25.81	911.0	905.9	902.2	0.06	0.84	1.65	-29.7	-34.4	-48.0	0.17	1000	-142
2.5	26.21	924.3	919.0	915.1	-0.12	0.69	1.26	-31.0	-33.5	-44.2	0.15		
3.0	27.04	938.1	932.5	928.4	-0.45	0.45	1.02	-32.6	-32.4	-40.6	0.11		
3.5	27.52	952.1	946.3	942.0	-0.66	0.16	0.79	-33.8	-31.3	-38.3	0.50		
4.0	27.75	966.1	960.2	955.7	-0.95	-0.02	0.50	-35.3	-29.8	-37.0	0.02		
4.5	27.49	980.0	973.9	969.3	-1.07	-0.25	0.30	-37.0	-29.5	-36.5	0.48		
5.0	26.90	993.6	987.4	982.5	-1.64	-0.50	0.22	-37.1	-29.5	-36.1	0.32		

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