

Voltage Controlled Oscillator

ROS-1600PV+

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	49.70	1481.4	1470.6	1460.0	4.36	6.65	8.06	-25.7	-31.5	-36.5	1.82	1	-75
1.0	44.10	1503.1	1492.7	1482.0	4.40	6.75	7.91	-27.1	-31.3	-36.0	2.46	10	-100
1.5	42.60	1524.3	1513.9	1503.0	4.59	6.73	7.83	-29.3	-31.5	-34.8	2.98	100	-120
2.0	43.90	1545.7	1535.9	1524.4	5.01	7.16	7.93	-31.8	-31.3	-34.3	3.33	1000	-140
2.5	45.20	1569.2	1558.5	1546.1	5.07	7.50	8.43	-34.4	-31.7	-32.9	3.33		
3.0	43.60	1592.0	1580.3	1567.1	5.42	7.51	8.57	-36.7	-32.0	-31.7	2.90		
3.5	39.30	1612.3	1600.0	1586.1	5.74	8.03	8.86	-37.7	-33.0	-30.5	2.31		
4.0	32.10	1628.5	1616.1	1601.8	5.84	8.24	9.16	-36.5	-34.2	-29.2	2.22		
4.5	23.90	1639.9	1628.0	1613.4	5.90	8.41	9.36	-35.3	-34.8	-28.5	2.92		
5.0	16.20	1647.0	1636.1	1621.2	5.94	8.45	9.40	-34.1	-35.6	-28.0	4.02		

REV. X1
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 Page 1 of 1



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