

Voltage Controlled Oscillator

ROS-285PV+

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	22.00	238.6	235.4	232.8	1.92	2.58	2.56	-13.8	-28.9	-43.1	0.24	1	-80
1.0	18.30	248.0	244.9	242.3	2.20	2.80	2.76	-15.0	-28.7	-43.8	0.09	10	-100
1.5	16.40	256.4	253.3	250.7	2.15	3.05	3.02	-16.3	-28.7	-43.8	0.01	100	-120
2.0	15.20	264.2	261.1	258.4	2.38	2.96	2.87	-17.2	-28.5	-43.2	0.02	1000	-140
2.5	14.30	271.5	268.3	265.6	2.70	3.22	3.13	-18.0	-28.7	-42.2	0.01		
3.0	13.60	278.3	275.2	272.4	3.20	3.67	3.26	-18.7	-28.7	-41.0	0.01		
3.5	12.80	284.8	281.6	278.9	3.40	3.87	3.72	-19.2	-28.9	-39.9	0.04		
4.0	11.90	290.8	287.7	284.9	3.27	3.73	3.89	-19.7	-28.9	-38.7	0.06		
4.5	10.90	296.4	293.3	290.5	3.57	3.86	3.71	-20.2	-29.0	-38.0	0.06		
5.0	9.90	301.5	298.4	295.5	3.66	4.15	3.99	-20.5	-29.0	-37.4	0.04		

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