

Voltage Controlled Oscillator

ROS-900PV+

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	28.10	798.9	794.3	790.1	1.84	2.60	2.75	-18.6	-38.4	-37.4	1.83	1	-80
1.0	27.90	812.8	808.2	804.2	1.77	2.59	2.69	-22.6	-40.0	-40.5	0.05	10	-102
1.5	28.20	827.1	822.3	818.1	1.65	2.23	2.53	-27.1	-40.6	-42.6	0.72	100	-122
2.0	28.20	841.3	836.3	831.9	1.27	2.10	2.61	-30.2	-40.2	-44.4	0.26	1000	-142
2.5	28.40	855.7	850.5	845.7	1.49	2.22	2.60	-30.1	-39.1	-45.6	0.26		
3.0	28.70	870.1	864.7	859.6	1.67	2.28	2.67	-28.7	-37.7	-46.4	0.68		
3.5	29.00	884.7	879.1	873.8	1.77	2.55	2.84	-27.2	-36.1	-45.9	1.00		
4.0	29.00	899.3	893.6	887.9	1.57	2.41	2.86	-25.9	-35.1	-44.6	1.26		
4.5	28.50	913.7	907.9	902.0	1.25	2.03	2.66	-25.3	-34.4	-44.1	1.54		
5.0	27.30	927.6	921.8	915.7	1.25	2.03	2.37	-24.9	-34.7	-44.7	1.89		

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