

Voltage Controlled Oscillator

ROS-1121V+

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	13.36	1040.9	1035.7	1033.9	0.43	1.78	1.67	-9.7	-28.4	-30.6	0.14	1	-88
2.0	10.02	1050.8	1045.7	1044.0	0.69	2.06	1.98	-10.8	-29.7	-31.4	0.29	10	-111
3.0	9.03	1059.8	1054.7	1053.0	0.99	2.37	2.32	-11.8	-30.4	-31.3	0.41	100	-131
4.0	8.83	1068.7	1063.6	1061.7	1.37	2.73	2.63	-12.8	-31.2	-33.5	0.51	1000	-149
5.0	9.03	1077.8	1072.6	1070.7	1.76	3.14	3.04	-13.7	-32.4	-34.7	0.57		
6.0	9.63	1087.5	1082.2	1080.2	2.12	3.53	3.47	-14.5	-33.4	-35.2	0.65		
7.0	10.50	1098.2	1092.7	1090.6	2.51	3.93	3.90	-15.4	-34.2	-37.2	0.71		
8.0	11.59	1110.0	1104.3	1102.1	2.97	4.39	4.35	-16.3	-35.9	-38.6	0.76		
9.0	12.65	1122.8	1117.0	1114.6	3.48	4.88	4.81	-17.2	-36.7	-39.9	0.73		
10.0	13.36	1136.4	1130.3	1127.9	4.00	5.41	5.35	-18.0	-37.7	-42.1	0.58		
11.0	13.51	1150.1	1143.8	1141.4	4.54	5.97	5.86	-18.7	-39.0	-41.7	0.41		

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