

Voltage Controlled Oscillator

ROS-1000V+

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	24.30	899.1	893.2	887.8	-0.80	0.57	0.83	-30.7	-48.2	-41.8	0.05	1	-74
2.0	17.50	916.4	910.7	905.2	-0.89	0.42	0.73	-32.3	-47.3	-43.3	0.24	10	-102
3.0	15.00	931.4	925.6	920.0	-0.78	0.37	0.59	-32.8	-49.2	-45.2	0.34	100	-122
4.0	13.70	945.1	939.3	933.5	-0.71	0.42	0.51	-32.8	-48.7	-46.7	0.36	1000	-140
5.0	12.90	958.0	952.2	946.3	-0.39	0.60	0.58	-32.3	-47.7	-45.0	0.32		
6.0	12.40	970.5	964.7	958.6	-0.47	0.69	0.81	-32.2	-49.7	-43.0	0.23		
7.0	12.30	982.8	976.9	970.8	-0.45	0.65	0.65	-32.5	-48.8	-40.5	0.12		
8.0	12.20	995.0	989.2	983.0	-0.63	0.66	0.65	-32.7	-49.0	-38.8	0.00		
9.0	12.40	1007.3	1001.6	995.3	-0.74	0.46	0.49	-33.0	-48.8	-39.7	0.12		
10.0	12.70	1020.2	1014.3	1007.9	-0.89	0.42	0.47	-34.2	-48.5	-41.0	0.18		
11.0	12.90	1033.5	1027.2	1020.5	-1.07	0.31	0.33	-35.7	-48.5	-42.2	0.20		
12.0	12.80	1047.1	1040.0	1032.8	-1.28	0.10	0.15	-37.8	-47.8	-43.5	0.20		

REV. X1
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