

Voltage Controlled Oscillator

ROS-EDR4439/1

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	33.60	1036.7	1026.4	1009.0	13.22	13.89	13.11	-26.7	-33.6	-47.6	0.38	1	-67
2.0	31.80	1066.4	1058.2	1048.9	13.54	13.89	13.24	-26.2	-34.9	-47.5	0.58	10	-93
3.0	37.10	1101.6	1095.4	1079.4	13.30	14.26	13.45	-26.0	-35.4	-48.7	0.58	100	-113
4.0	41.50	1147.8	1136.8	1124.4	13.65	14.36	13.51	-25.4	-36.9	-47.9	0.38	1000	-138
5.0	43.50	1192.4	1180.3	1163.5	12.71	14.14	13.55	-23.8	-39.1	-48.1	0.38		
6.0	47.20	1243.1	1227.5	1218.6	13.31	13.29	12.87	-23.4	-42.7	-49.9	0.51		
7.0	56.40	1292.5	1283.9	1266.3	13.00	12.92	12.72	-23.4	-48.5	-56.5	0.64		
8.0	53.50	1357.4	1337.4	1318.2	13.00	13.17	11.70	-23.8	-41.9	-54.5	0.64		
9.0	48.70	1399.6	1386.1	1374.9	11.42	12.49	12.92	-25.2	-38.9	-44.7	0.51		
10.0	53.20	1449.2	1439.4	1425.9	12.19	11.94	11.50	-22.2	-22.3	-28.1	0.32		
11.0	55.40	1503.8	1494.8	1475.5	11.38	11.71	11.09	-19.0	-27.6	-28.7	0.19		
12.0	48.80	1558.6	1543.6	1524.4	10.09	11.50	10.89	-19.1	-30.7	-33.9	0.19		
13.0	48.20	1603.4	1591.8	1580.0	10.03	10.69	10.28	-19.2	-32.2	-36.1	0.26		