

Voltage Controlled Oscillator

ROS-ED6353/1

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	52.00	818.2	811.5	804.9	7.03	7.00	6.88	-12.6	-23.3	-40.8	1.37	1	-74
2.0	71.30	890.4	882.8	875.7	8.36	8.25	7.97	-10.7	-23.7	-38.4	1.23	10	-98
3.0	85.30	976.0	968.0	960.8	8.02	8.00	7.21	-9.7	-25.1	-32.2	0.94	100	-119
4.0	90.80	1066.9	1058.8	1051.8	8.74	8.42	8.00	-9.5	-29.5	-25.5	0.48	1000	-139
5.0	89.30	1156.1	1148.1	1141.3	7.67	7.42	7.23	-9.9	-25.9	-21.6	0.25		
6.0	83.10	1239.0	1231.2	1224.6	8.08	7.77	7.47	-11.6	-20.7	-20.2	0.11		
7.0	76.10	1314.7	1307.3	1301.0	7.11	7.06	6.66	-13.2	-16.6	-25.4	0.34		
8.0	69.50	1383.9	1376.8	1370.8	7.25	7.25	6.76	-16.0	-15.0	-28.6	0.46		
9.0	64.70	1448.5	1441.4	1435.7	6.89	7.06	6.83	-18.0	-14.2	-27.4	0.61		
10.0	60.40	1508.8	1501.8	1496.2	6.10	6.03	5.75	-21.4	-13.6	-26.9	0.75		
11.0	57.10	1565.7	1558.8	1553.7	5.72	6.02	5.40	-25.3	-14.5	-28.3	0.82		
12.0	54.40	1619.8	1613.2	1609.4	5.65	5.43	3.49	-28.9	-16.6	-31.9	1.11		