

Voltage Controlled Oscillator

ROS-ED7565/1

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	45.90	829.5	822.2	813.1	7.58	9.97	10.68	-15.4	-21.9	-39.0	5.69	1	-75
2.0	58.00	891.1	880.2	869.7	8.57	10.92	11.49	-14.3	-21.8	-44.4	4.42	10	-98
3.0	66.20	959.6	946.4	935.5	9.11	11.31	11.67	-14.2	-22.4	-42.0	3.70	100	-118
4.0	71.90	1032.7	1018.2	1007.7	9.32	11.29	11.50	-15.0	-24.5	-38.3	2.87	1000	-138
5.0	74.10	1106.7	1092.3	1082.1	9.20	10.90	10.98	-16.3	-28.1	-34.6	1.49		
6.0	72.90	1179.3	1165.1	1155.6	8.99	10.49	10.40	-17.7	-33.7	-37.5	1.06		
7.0	70.50	1249.0	1235.6	1227.0	8.74	10.11	9.84	-19.2	-33.9	-39.6	0.79		
8.0	68.50	1316.6	1304.1	1296.1	8.60	9.84	9.42	-20.1	-30.5	-38.3	0.49		
9.0	66.50	1382.7	1370.6	1362.9	8.42	9.72	9.36	-20.8	-28.2	-36.6	0.37		
10.0	64.80	1447.1	1435.4	1427.7	8.42	9.73	9.50	-21.0	-26.0	-35.6	0.16		
11.0	63.30	1510.1	1498.7	1491.2	8.48	9.75	9.58	-21.8	-25.9	-35.1	0.72		
12.0	60.90	1571.5	1559.6	1552.1	8.19	9.54	9.49	-22.7	-28.7	-38.3	1.36		
13.0	58.20	1629.7	1617.8	1610.3	7.97	9.36	9.33	-23.2	-31.8	-41.7	2.11		
14.0	55.80	1685.6	1673.6	1666.2	7.47	8.91	8.81	-24.3	-30.0	-43.9	3.37		
15.0	51.80	1737.8	1725.4	1718.3	7.01	8.50	8.14	-26.1	-29.3	-45.8	3.84		