

Voltage Controlled Oscillator

ROS-ED6354/1

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	100.90	1086.2	1076.0	1065.0	7.01	7.23	6.67	-20.2	-33.5	-29.5	1.12	1	-65
2.0	116.30	1203.0	1192.3	1181.5	7.09	7.39	6.69	-18.6	-31.2	-25.9	1.08	10	-92
3.0	135.40	1340.0	1327.7	1316.2	6.98	7.06	6.61	-18.3	-21.6	-30.6	1.02	100	-115
4.0	139.30	1479.5	1467.0	1456.3	6.87	6.92	6.99	-19.4	-17.9	-29.9	0.13	1000	-134
5.0	124.50	1604.1	1591.5	1582.0	7.11	7.44	7.09	-24.1	-16.2	-31.4	1.32		
6.0	105.50	1709.2	1696.9	1688.7	6.16	6.44	6.12	-28.3	-18.8	-44.0	1.99		
7.0	90.50	1799.7	1787.5	1779.3	5.87	6.33	6.19	-25.4	-23.0	-39.9	2.01		
8.0	73.60	1873.3	1861.1	1852.8	5.17	5.33	5.21	-22.2	-23.7	-40.1	1.98		
9.0	60.60	1933.6	1921.7	1913.4	5.24	5.09	4.94	-20.7	-24.2	-42.2	1.91		
10.0	49.40	1982.5	1971.0	1962.5	4.30	4.40	4.32	-19.9	-26.1	-43.6	1.49		
11.0	40.60	2022.8	2011.6	2002.8	3.72	3.22	2.80	-21.5	-28.4	-44.4	1.01		
12.0	34.30	2056.4	2045.9	2037.1	3.26	1.74	0.87	-22.8	-31.3	-44.3			
13.0	29.70	2085.6	2075.6	2066.4	3.02	0.29	-2.70	-25.0	-35.5	-44.8			
14.0	26.70	2111.3	2102.3	2091.3	2.86	-2.64	-18.96	-28.2	-40.2	-43.4			