

Voltage Controlled Oscillator

ROS-ED8398/2

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			
0.5	32.68	1001.2	996.4	991.1	1.57	1.99	2.11	-33.3	-30.7	-40.5	0.25	1	-84
1.0	29.43	1016.0	1011.1	1005.8	1.86	2.24	2.28	-34.0	-30.3	-41.2	0.19	10	-108
1.5	28.64	1030.6	1025.5	1019.9	2.14	2.61	2.55	-33.5	-30.5	-41.5	0.16	100	-128
2.0	29.13	1045.4	1040.0	1034.2	2.50	2.81	2.85	-33.2	-30.5	-41.8	0.16	1000	-144
2.5	30.04	1060.6	1055.0	1048.9	2.57	3.10	3.15	-32.3	-30.7	-42.7	0.18		
3.0	31.05	1076.4	1070.6	1064.1	2.54	2.91	3.17	-31.3	-30.8	-43.0	0.26		
3.5	31.77	1092.5	1086.4	1079.7	2.52	3.00	3.07	-30.0	-31.2	-44.2	0.38		
4.0	32.05	1108.5	1102.5	1095.6	2.62	3.11	3.07	-28.0	-31.5	-45.5	0.55		
4.5	31.70	1124.4	1118.3	1111.4	2.89	3.21	3.16	-26.0	-32.3	-46.5	0.76		
5.0	31.02	1140.2	1133.8	1126.8	2.83	3.35	3.35	-24.5	-33.3	-47.3	0.92		
5.5	30.48	1156.0	1149.1	1141.8	2.81	3.39	3.29	-23.5	-33.8	-47.8	1.03		
6.0	30.00	1171.3	1164.1	1156.4	2.94	3.58	3.34	-23.3	-33.8	-47.0	1.09		