

Voltage Controlled Oscillator

ROS-ED6055/1

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			
0.5	30.70	873.6	868.4	863.1	0.07	-0.04	0.66	-24.9	-40.1	-45.3	0.14	1	-79
1.0	27.60	887.4	882.2	876.7	0.23	0.22	1.27	-28.3	-37.9	-46.8	0.20	10	-112
1.5	26.90	901.0	895.6	889.9	0.20	0.19	1.36	-31.0	-34.8	-47.8	0.42	100	-123
2.0	27.10	914.7	909.2	903.1	-0.04	-0.08	1.38	-34.0	-32.0	-45.8		1000	-142
2.5	27.60	928.6	923.0	916.7	-0.13	-0.16	1.08	-36.7	-29.2	-43.5			
3.0	28.20	942.9	937.1	930.5	-0.15	-0.33	1.02	-39.7	-26.9	-41.6	0.50		
3.5	28.80	957.5	951.5	944.6	-0.29	-0.41	0.88	-41.7	-25.5	-37.9	0.57		
4.0	29.10	972.2	966.0	958.9	-0.38	-0.52	0.76	-42.8	-24.5	-35.0			
4.5	28.80	986.8	980.4	973.1	-0.52	-0.42	0.67	-41.4	-25.6	-34.4			
5.0	28.00	1000.9	994.4	987.0	-0.61	-0.79	0.51	-41.2	-26.5	-34.7	0.82		
5.5	26.80	1014.3	1007.8	1000.4	-0.54	-0.61	0.45	-40.8	-27.6	-36.6			
6.0	25.60	1027.1	1020.6	1013.2	-0.28	-0.49	0.38	-39.4	-27.9	-37.4			
6.5	24.60	1039.4	1032.9	1025.4	-0.15	-0.31	0.69	-38.1	-28.1	-38.0			
7.0	23.30	1051.1	1044.6	1037.1	-0.37	-0.09	0.83	-37.9	-29.1	-39.1			