

Voltage Controlled Oscillator

ROS-ED8137/11

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	154.30	1699.7	1638.3	1587.4	8.09	8.13	8.30	-21.5	-34.7	-34.3	1.93	1	-62
1.0	174.10	1800.3	1725.3	1670.9	8.83	8.49	7.65	-23.3	-32.8	-35.5	3.32	10	-88
1.5	173.60	1887.4	1812.1	1761.2	9.30	8.49	8.17	-24.3	-28.8	-35.8	4.50	100	-110
2.0	170.30	1963.2	1897.3	1853.7	9.66	8.54	7.54	-24.5	-27.8	-37.8	5.38	1000	-130
2.5	172.90	2038.9	1983.7	1948.7	9.29	8.55	7.66	-26.5	-27.7	-36.0	5.55		
3.0	179.30	2119.5	2073.4	2044.5	9.60	8.67	6.84	-32.3	-26.7	-34.2	6.05		
3.5	172.20	2201.9	2159.4	2138.1	8.91	8.31	6.78	-35.2	-27.0	-35.8	6.58		
4.0	173.70	2284.5	2246.3	2228.3	9.27	8.21	6.23	-32.5	-26.8	-37.2	6.70		
4.5	169.80	2366.1	2331.2	2314.6	8.63	8.00	6.34	-30.8	-27.0	-37.2	6.52		
5.0	165.20	2444.9	2413.8	2397.2	8.80	7.73	5.93	-29.3	-29.0	-35.7	6.52		
5.5	155.00	2521.8	2491.2	2473.5	8.27	7.82	6.40	-29.0	-30.2	-37.3	5.33		
6.0	140.30	2591.5	2561.4	2542.9	8.30	7.38	5.90	-30.0	-32.0	-37.3	4.44		
6.5	129.10	2657.1	2625.9	2605.0	8.13	7.64	6.30	-30.8	-33.5	-39.5	3.92		
7.0	114.10	2716.3	2683.0	2660.2	7.58	7.24	6.33	-29.5	-36.0	-41.3	3.40		
7.5	102.10	2767.6	2734.0	2709.7	7.64	6.87	6.03	-28.3	-38.8	-42.3	2.89		
8.0	89.20	2813.2	2778.6	2753.7	7.65	7.26	5.97	-26.8	-33.8	-43.2	2.32		