

Voltage Controlled Oscillator

ROS-ED9555/1

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	37.84	2129.2	2118.2	2109.2	-1.41	-1.51	-2.75	-28.0	-33.7	-39.9	0.47	1	-80
0.8	39.44	2139.3	2128.1	2118.9	-1.47	-1.64	-2.78	-28.6	-33.1	-39.4	0.49	10	-102
1.0	43.12	2150.4	2138.9	2129.5	-1.38	-1.69	-2.85	-28.5	-32.3	-38.5	0.55	100	-122
1.3	47.80	2162.8	2150.8	2141.1	-1.51	-1.59	-2.84	-28.4	-32.2	-38.5	0.55	1000	-142
1.5	53.88	2176.9	2164.3	2154.1	-1.47	-1.71	-2.79	-28.7	-31.6	-38.4	0.56		
1.8	61.12	2192.9	2179.6	2168.9	-1.30	-1.65	-2.59	-28.8	-30.9	-39.1	0.59		
2.0	69.36	2211.0	2196.9	2185.6	-1.16	-1.50	-2.56	-28.6	-30.4	-39.0	0.59		
2.3	77.16	2231.2	2216.2	2204.3	-1.04	-1.27	-2.29	-28.8	-30.3	-40.7	0.51		
2.5	84.96	2253.2	2237.4	2225.0	-1.31	-1.20	-2.04	-28.8	-29.7	-40.9	0.46		
2.8	91.40	2276.6	2260.3	2247.3	-1.34	-1.32	-1.98	-29.5	-29.8	-39.0	0.34		
3.0	96.12	2301.1	2284.3	2271.0	-1.61	-1.54	-2.08	-31.0	-29.7	-39.0	0.15		
3.3	98.64	2326.1	2309.0	2295.5	-1.56	-1.63	-2.24	-26.9	-29.3	-39.3	0.23		
3.5	98.04	2350.7	2333.5	2319.9	-1.39	-1.61	-2.30	-26.5	-28.4	-39.2	0.68		
3.8	93.56	2373.9	2356.9	2343.5	-1.30	-1.39	-2.00	-25.5	-27.8	-39.6	1.26		
4.0	86.20	2395.0	2378.4	2365.4	-1.13	-1.21	-1.79	-25.0	-26.9	-38.6	1.76		
4.3	76.40	2413.7	2397.5	2384.8	-1.17	-1.11	-1.62	-24.6	-26.2	-40.0	2.18		
4.5	65.56	2429.6	2413.9	2401.6	-1.29	-1.14	-1.52	-23.9	-26.2	-38.8	2.33		