

Voltage Controlled Oscillator

ROS-EDR4723

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			
0.3	27.40	2171.4	2158.8	2150.3	0.52	0.26	0.76	-27.7	-37.1	-37.6	0.83	1	-65
0.5	26.40	2177.9	2165.4	2156.7	0.40	0.22	0.75	-28.1	-37.7	-37.6	0.90	10	-96
0.8	25.30	2184.3	2171.7	2162.9	0.33	0.20	0.80	-28.4	-37.0	-37.7	0.90	100	-120
1.0	25.60	2190.8	2178.1	2169.3	0.32	0.18	0.89	-28.7	-37.2	-37.2	0.83	1000	-142
1.3	26.40	2197.5	2184.7	2176.0	0.36	0.18	1.00	-28.7	-38.7	-37.2	0.83		
1.5	28.20	2204.7	2191.7	2183.3	0.46	0.16	1.11	-28.6	-37.9	-36.2	0.90		
1.8	30.20	2212.8	2199.3	2191.2	0.45	0.16	1.09	-29.1	-38.7	-36.1	0.96		
2.0	33.00	2221.8	2207.6	2199.9	0.39	0.15	0.98	-29.3	-37.6	-36.1	0.90		
2.3	38.10	2231.7	2217.1	2209.2	0.40	0.11	0.83	-29.6	-37.6	-36.9	1.02		
2.5	42.20	2242.4	2227.7	2219.3	0.39	0.09	0.66	-30.0	-36.6	-36.6	0.90		
2.8	44.80	2254.2	2238.9	2230.1	0.26	0.04	0.56	-30.6	-38.1	-36.0	0.70		
3.0	46.10	2266.1	2250.4	2241.2	0.26	-0.05	0.61	-31.4	-38.3	-36.4	0.45		
3.3	47.10	2277.6	2262.1	2252.7	0.26	-0.17	0.76	-31.9	-37.7	-36.7	0.06		
3.5	46.10	2288.8	2273.7	2264.9	0.23	-0.25	0.90	-32.0	-38.4	-36.2	-0.19		
3.8	40.70	2299.3	2283.8	2276.2	0.15	-0.29	0.88	-31.7	-37.4	-37.0	-0.45		
4.0	36.10	2308.2	2292.9	2285.6	0.18	-0.33	0.71	-31.8	-38.5	-37.0	-0.58		
4.3	30.50	2315.6	2300.5	2293.1	0.19	-0.38	0.48	-32.1	-37.8	-37.4	-0.38		
4.5	24.10	2321.4	2306.5	2299.0	0.14	-0.42	0.30	-32.1	-38.4	-37.7	-0.13		
4.8	17.90	2325.8	2311.0	2303.4	0.06	-0.46	0.17	-32.0	-37.8	-38.3	0.32		
5.0	12.30	2328.9	2314.1	2306.4	0.01	-0.49	0.09	-32.0	-36.8	-38.1	0.58		

