

Voltage Controlled Oscillator

ROS-ED11162A/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	29.48	2082.3	2086.4	2057.3	1.53	1.90	1.37	-10.5	-16.0	-35.8	0.83	1	-73
1.0	31.05	2097.2	2101.5	2072.4	1.76	2.06	1.49	-10.6	-16.2	-34.7	0.91	10	-98
1.5	36.74	2112.3	2118.4	2087.4	1.87	2.22	1.60	-10.3	-16.4	-35.5	1.02	100	-118
2.0	44.26	2129.9	2138.6	2104.0	2.09	2.40	1.84	-10.0	-16.8	-35.9	1.13	1000	-138
2.5	52.43	2150.6	2162.9	2123.5	2.40	2.65	1.96	-9.6	-17.3	-36.5	1.02		
3.0	57.29	2176.0	2190.5	2147.2	2.67	2.95	2.05	-9.3	-17.5	-37.8	0.37		
3.5	59.06	2205.0	2220.0	2174.3	2.97	3.21	2.37	-9.6	-17.5	-40.0	0.83		
4.0	50.72	2234.9	2247.9	2203.0	3.25	3.33	2.53	-10.1	-17.4	-43.0	1.90		
4.5	38.10	2264.4	2270.5	2230.5	3.25	3.45	2.73	-10.4	-17.7	-45.6	2.11		
5.0	27.68	2287.1	2287.2	2253.6	3.32	3.48	2.75	-10.5	-17.8	-47.9	1.61		
5.5	18.70	2302.8	2298.6	2270.9	3.34	3.55	2.84	-10.5	-17.9	-50.1	0.86		
6.0	12.71	2313.3	2306.5	2282.8	3.43	3.57	2.97	-10.6	-18.0	-51.5	0.15		