

Voltage Controlled Oscillator

ROS-ED11477/2

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			
1.0	16.57	2039.5	2032.6	2024.5	6.17	6.13	6.17	-23.5	-39.2	-42.9	0.39	1	-86
2.0	17.80	2056.9	2049.8	2041.3	6.05	6.01	6.05	-22.3	-38.3	-58.8	0.41	10	-108
3.0	18.92	2075.7	2068.4	2059.5	5.94	5.91	5.94	-20.6	-37.3	-41.6	0.40	100	-129
4.0	18.82	2094.8	2087.7	2078.6	5.82	5.85	5.82	-18.6	-35.7	-39.9	0.37	1000	-148
5.0	17.32	2112.6	2105.9	2097.0	5.54	5.76	5.54	-17.7	-34.4	-40.0	0.35		
6.0	17.88	2131.9	2123.9	2114.2	5.32	5.35	5.32	-20.4	-34.5	-44.4	0.47		
7.0	16.52	2149.4	2141.2	2130.9	5.20	5.13	5.20	-22.9	-34.6	-43.4	0.54		
8.0	15.64	2165.8	2157.2	2146.6	5.17	5.01	5.17	-24.2	-34.5	-43.1	0.60		
9.0	14.71	2181.2	2172.3	2161.4	5.17	4.99	5.17	-24.9	-34.1	-43.8	0.66		
10.0	13.97	2195.7	2186.6	2175.5	5.16	5.01	5.16	-25.3	-33.8	-44.6	0.71		
11.0	13.26	2209.6	2200.3	2188.9	5.15	5.03	5.15	-25.8	-33.4	-46.9	0.76		
12.0	12.70	2223.0	2213.2	2201.6	5.15	5.05	5.15	-26.1	-33.1	-51.7	0.82		