

Voltage Controlled Oscillator

ROS-ED11616/1

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			
1.0	18.15	1941.9	1936.1	1929.0	6.21	6.27	6.06	-18.0	-40.0	-48.4	0.18	1	-86
2.0	16.17	1958.6	1953.0	1946.1	6.01	6.09	5.90	-17.3	-38.0	-46.2	0.19	10	-109
3.0	15.69	1974.3	1968.9	1961.9	5.70	5.84	5.72	-17.2	-36.8	-42.4	0.20	100	-129
4.0	15.91	1990.1	1984.6	1977.4	5.40	5.61	5.56	-17.4	-37.0	-39.2	0.21	1000	-149
5.0	16.40	2006.4	2000.7	1993.2	5.19	5.47	5.44	-18.0	-37.0	-37.1	0.22		
6.0	17.02	2023.3	2017.3	2009.6	5.07	5.40	5.40	-18.6	-36.6	-34.9	0.24		
7.0	17.65	2040.8	2034.6	2026.7	5.09	5.42	5.45	-19.1	-36.2	-37.1	0.25		
8.0	17.45	2058.6	2052.2	2044.0	5.25	5.56	5.57	-19.8	-36.0	-46.1	0.23		
9.0	15.87	2075.6	2069.0	2060.7	5.45	5.77	5.78	-19.9	-35.9	-39.8	0.19		
10.0	13.41	2090.6	2083.9	2075.5	5.69	5.99	5.97	-20.2	-35.5	-42.5	0.16		
11.0	10.69	2102.8	2096.0	2087.6	5.94	6.20	6.15	-20.6	-35.3	-45.1	0.16		
12.0	8.35	2112.4	2105.6	2097.1	6.14	6.38	6.30	-20.6	-35.1	-46.5	0.19		
13.0	6.63	2119.9	2113.1	2104.6	6.28	6.55	6.44	-20.8	-35.1	-47.3	0.22		