

Voltage Controlled Oscillator

POS-ED11033A/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			
2.0	94.96	1515.6	1474.7	1452.8	3.21	3.68	3.19	-25.5	-28.6	-40.1	3.47	1	-68
4.0	119.52	1714.8	1690.1	1662.4	3.78	3.78	3.23	-31.2	-24.1	-42.0	3.03	10	-92
6.0	110.61	1940.4	1921.6	1891.8	4.01	3.90	3.23	-22.3	-27.8	-45.0	1.02	100	-112
8.0	91.00	2135.7	2121.2	2089.9	3.62	3.49	3.20	-19.2	-25.3	-43.3	0.92	1000	-132
10.0	69.52	2293.8	2281.2	2248.0	3.49	3.69	3.31	-19.4	-26.6	-42.6	2.12		
12.0	47.22	2404.3	2396.9	2364.0	3.58	3.62	3.42	-23.6	-31.1	-48.6	3.78		
14.0	28.08	2474.3	2471.1	2438.2	3.38	3.53	3.14	-20.8	-35.6	-53.5	4.84		
16.0	17.36	2515.5	2515.9	2483.9	2.96	3.20	2.96	-19.9	-38.0	-61.1	5.53		
18.0	11.38	2541.6	2543.9	2512.9	2.86	3.13	3.13	-19.6	-40.1	-63.6	5.84		
20.0	7.83	2559.9	2563.3	2532.4	2.84	3.19	3.26	-19.4	-40.3	-65.5	5.95		
22.0	5.67	2572.9	2576.8	2546.3	2.88	3.27	3.25	-18.7	-41.1	-68.2	6.05		