

Voltage Controlled Oscillator

ROS-ED11784/1

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	83.80	1706.8	1681.4	1663.4	3.54	3.51	2.77	-24.3	-22.8	-39.4	5.25	1	-67
4.0	109.91	1916.9	1880.7	1857.9	4.87	4.06	2.73	-28.5	-28.8	-36.6	5.59	10	-92
6.0	109.18	2142.7	2109.6	2087.0	5.23	4.65	3.19	-27.0	-27.0	-35.0	4.41	100	-112
8.0	101.57	2353.8	2324.7	2304.6	5.03	4.77	3.69	-20.4	-26.9	-31.7	3.53	1000	-132
10.0	87.34	2542.1	2516.1	2499.1	5.27	5.07	4.31	-18.2	-28.7	-28.9	2.71		
12.0	81.15	2697.9	2679.4	2668.6	5.19	4.87	4.23	-19.7	-33.4	-33.2	2.21		
14.0	76.53	2866.8	2842.7	2826.0	3.76	3.98	3.74	-22.8	-26.7	-38.7	3.89		
16.0	58.29	3001.8	2975.4	2957.3	4.07	3.91	3.41	-21.0	-43.8	-45.6	4.82		
18.0	48.27	3110.9	3084.4	3065.1	3.02	2.95	2.82	-19.4	-22.0	-46.1	5.58		
20.0	42.96	3204.7	3179.0	3158.1	2.18	2.43	2.34	-18.1	-22.3	-44.3	6.83		
22.0	33.77	3279.4	3255.0	3234.5	2.75	2.40	1.95	-17.6	-23.3	-43.0	6.94		
24.0	24.54	3337.3	3312.2	3292.7	3.01	3.02	2.61	-17.3	-23.6	-45.5	6.69		
26.0	18.49	3380.3	3355.4	3335.5	2.15	2.42	2.26	-17.4	-23.6	-52.0	7.22		
28.0	12.83	3411.4	3386.5	3366.8	2.06	2.22	2.12	-17.2	-24.0	-49.5	7.16		
30.0	9.95	3434.6	3410.1	3389.5	2.12	2.25	2.06	-17.0	-24.3	-50.3	7.60		