

Voltage Controlled Oscillator

ROS-ED12920/1

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			
0.0	55.71	645.9	640.7	636.8	1.72	1.31	-0.03	-25.61	-40.97	-45.40	1.72	1	-81
0.5	48.83	672.4	667.0	662.1	1.79	1.46	0.83	-28.58	-36.41	-43.25	1.25	10	-106
1.0	47.41	696.4	690.9	685.9	1.73	1.40	0.90	-30.22	-32.53	-40.82	0.91	100	-127
1.5	50.24	720.3	715.2	710.0	1.51	0.97	0.52	-30.92	-30.25	-36.07	0.59	1000	-147
2.0	55.19	747.6	741.7	735.7	0.51	0.29	0.10	-31.62	-28.51	-32.91	0.45		
2.5	55.43	776.9	770.0	763.2	0.19	0.20	0.03	-34.11	-27.42	-32.17	0.63		
3.0	50.29	803.6	796.5	789.5	0.51	0.35	0.11	-35.21	-28.70	-33.85	1.43		
3.5	44.12	827.6	820.2	813.3	0.61	0.15	-0.11	-34.08	-30.97	-39.16	2.24		
4.0	38.71	847.4	841.1	834.9	0.10	-0.14	-0.45	-34.50	-34.30	-55.66	2.30		
4.5	28.89	863.8	858.2	852.2	-0.14	-0.72	-1.18	-35.30	-36.66	-42.47	2.20		
5.0	19.03	875.7	870.3	864.4	-0.34	-0.90	-1.26	-35.76	-36.82	-38.56	2.05		
5.5	11.65	883.3	878.1	872.3	-0.47	-0.95	-1.43	-35.92	-36.88	-36.74	1.83		
6.0	7.20	888.0	882.9	877.3	-0.44	-0.91	-1.35	-35.66	-36.66	-35.98	1.68		