

Voltage Controlled Oscillator

ROS-ED11940/1

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	60.57	2971.3	2958.5	2949.7	5.49	5.14	4.48	-29.2	-36.2	-51.6	0.10	1	-74
2.0	52.01	3027.0	3014.0	3004.9	5.92	5.79	5.27	-26.9	-32.4	-55.8	0.40	10	-99
3.0	49.19	3078.2	3064.2	3054.4	6.57	6.30	5.81	-25.3	-32.4	-52.3	0.73	100	-119
4.0	48.86	3128.2	3113.0	3102.2	6.99	6.61	6.00	-23.7	-32.0	-49.4	1.00	1000	-139
5.0	48.48	3178.1	3161.7	3149.8	7.23	7.14	6.68	-21.9	-33.7	-49.4	1.19		
6.0	47.17	3226.8	3209.4	3196.7	7.45	7.42	7.10	-21.4	-36.4	-48.8	1.38		
7.0	45.48	3273.6	3255.6	3242.2	7.63	7.38	6.92	-20.8	-39.3	-47.3	1.59		
8.0	44.12	3318.5	3300.1	3286.4	7.66	7.54	7.05	-20.0	-39.7	-48.2	1.81		
9.0	41.91	3362.0	3343.5	3329.4	7.69	7.85	7.59	-19.2	-38.3	-48.6	2.01		
10.0	42.57	3404.6	3386.1	3371.9	7.70	7.87	7.74	-19.0	-37.1	-53.1	2.21		
11.0	42.24	3447.0	3428.5	3414.1	7.49	7.53	7.28	-18.6	-37.0	-54.3	2.34		
12.0	41.91	3489.3	3470.7	3456.1	7.25	7.44	7.16	-17.9	-37.2	-54.8	2.33		