

Voltage Controlled Oscillator

ROS-ED6923/1

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			
0.3	4.60	98.8	98.4	97.8	3.43	3.55	3.46	-23.9	-35.9	-44.9	0.13	1	-95
0.5	3.90	99.8	99.3	98.9	3.49	3.61	3.53	-24.2	-36.0	-45.0		10	-116
0.8	3.50	100.7	100.2	99.7	3.53	3.67	3.57	-24.4	-35.9	-44.4		100	-136
1.0	3.20	101.4	101.0	100.5	3.58	3.71	3.59	-24.6	-35.9	-44.3		1000	-153
1.3	2.90	102.2	101.7	101.3	3.61	3.72	3.63	-24.6	-35.9	-44.3	0.13		
1.5	2.70	102.9	102.4	101.9	3.61	3.73	3.65	-24.8	-35.6	-44.1			
1.8	2.60	103.5	103.1	102.6	3.62	3.76	3.65	-25.0	-35.8	-44.2			
2.0	2.40	104.1	103.7	103.2	3.62	3.74	3.66	-25.1	-35.8	-44.0			
2.3	2.30	104.7	104.2	103.8	3.62	3.73	3.64	-25.1	-35.8	-44.0	0.13		
2.5	2.30	105.3	104.8	104.3	3.46	3.72	3.63	-25.3	-35.6	-43.8			
2.8	2.20	105.8	105.4	104.9	3.43	3.57	3.61	-25.4	-35.6	-43.6			
3.0	2.10	106.4	105.9	105.4	3.41	3.56	3.45	-25.4	-35.6	-43.8			
3.3	2.10	106.9	106.4	105.9	3.38	3.51	3.43	-25.5	-35.5	-43.7	0.13		
3.5	2.00	107.4	106.9	106.4	3.36	3.49	3.42	-25.7	-35.5	-44.0			
3.8	2.00	107.9	107.4	106.9	3.31	3.45	3.37	-25.6	-35.5	-43.6			
4.0	2.00	108.4	107.9	107.4	3.26	3.43	3.32	-25.8	-35.3	-43.6			
4.3	2.00	108.9	108.4	107.9	3.20	3.36	3.28	-25.7	-35.4	-43.6	0.13		
4.5	1.90	109.4	108.9	108.4	3.15	3.32	3.23	-25.9	-35.4	-43.4			
4.8	1.90	109.9	109.4	108.9	3.10	3.24	3.18	-25.9	-35.3	-43.3			
5.0	1.90	110.3	109.8	109.3	3.02	3.19	3.13	-25.9	-35.1	-43.4			
5.3	1.90	110.8	110.3	109.8	2.94	3.14	3.07	-25.8	-35.0	-43.3	0.14		
5.5	1.90	111.3	110.8	110.3	2.90	3.07	3.01	-25.9	-34.9	-43.1			
5.8	1.90	111.8	111.3	110.7	2.81	3.00	2.94	-25.9	-34.9	-43.0			
6.0	1.90	112.3	111.7	111.2	2.71	2.91	2.86	-25.8	-34.6	-42.8			
6.3	1.90	112.7	112.2	111.7	2.61	2.84	2.78	-25.9	-34.7	-42.5	0.14		
6.5	1.90	113.2	112.7	112.1	2.55	2.76	2.72	-25.8	-34.5	-42.8			
6.8	1.90	113.7	113.1	112.6	2.44	2.66	2.62	-25.7	-34.4	-42.4			
7.0	1.90	114.2	113.6	113.1	2.34	2.58	2.54	-25.8	-34.3	-42.3			