

Voltage Controlled Oscillator

ROS-ED6446/2

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	20.60	143.1	141.5	139.7	3.61	3.73	3.75	-12.6	-36.1	-41.2	1.55	1	-80
0.5	21.10	148.3	146.7	145.1	3.56	3.68	3.70	-14.0	-36.8	-40.7		10	-100
0.8	19.60	153.2	151.7	150.1	3.49	3.61	3.63	-15.4	-37.4	-40.6		100	-121
1.0	17.30	157.4	156.0	154.5	3.44	3.56	3.57	-16.5	-37.9	-40.5		1000	-141
1.3	15.80	161.3	159.9	158.5	3.38	3.51	3.52	-17.5	-38.3	-41.0			
1.5	14.70	165.0	163.6	162.2	3.33	3.47	3.46	-18.4	-38.6	-41.1	1.36		
1.8	13.80	168.4	167.1	165.7	3.28	3.41	3.40	-19.4	-39.1	-41.4			
2.0	13.20	171.7	170.4	169.1	3.24	3.37	3.35	-20.2	-39.7	-41.2			
2.3	12.70	174.8	173.6	172.3	3.19	3.32	3.30	-21.0	-40.0	-41.8			
2.5	12.40	177.9	176.6	175.4	3.16	3.29	3.25	-21.8	-40.5	-42.0			
2.8	12.00	180.9	179.6	178.4	3.12	3.25	3.20	-22.6	-40.7	-42.1	1.35		
3.0	11.80	183.8	182.6	181.4	3.09	3.21	3.15	-23.4	-41.0	-42.2			
3.3	11.60	186.6	185.5	184.3	3.07	3.17	3.10	-24.0	-41.0	-42.8			
3.5	11.40	189.5	188.3	187.2	3.03	3.11	3.04	-24.6	-41.3	-43.1			
3.8	11.30	192.3	191.2	190.0	2.97	3.06	2.96	-25.4	-41.5	-43.4			
4.0	11.30	195.1	194.0	192.9	2.88	2.99	2.87	-26.0	-41.8	-44.1	1.41		
4.3	11.20	197.9	196.8	195.7	2.81	2.88	2.74	-26.6	-42.1	-44.4			
4.5	11.20	200.6	199.6	198.5	2.72	2.78	2.63	-27.1	-42.1	-45.0			
4.8	11.30	203.4	202.4	201.4	2.62	2.66	2.49	-27.7	-42.7	-45.5			
5.0	11.30	206.2	205.2	204.2	2.50	2.52	2.31	-28.2	-42.7	-46.0			