

Voltage Controlled Oscillator

ROS-ED12647/1

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	10.05	3565.1	3553.8	3545.7	4.83	4.89	4.43	-30.0	-26.2	-60.4	0.26	1	-81
1.0	7.06	3573.0	3562.1	3554.3	4.74	4.69	4.37	-30.1	-27.0	-60.9	0.28	10	-105
2.0	6.28	3579.5	3568.7	3561.1	4.85	4.73	4.35	-30.0	-27.3	-61.8	0.28	100	-125
3.0	6.05	3585.6	3574.9	3567.3	4.89	4.69	4.29	-30.1	-27.8	-62.5	0.29	1000	-145
4.0	6.08	3591.6	3580.9	3573.4	4.85	4.57	4.13	-30.2	-28.3	-62.4	0.29		
5.0	6.30	3597.9	3587.0	3579.6	4.83	4.53	4.04	-30.5	-29.1	-63.3	0.29		
6.0	6.66	3604.4	3593.5	3586.0	4.78	4.49	3.96	-30.8	-28.8	-62.5	0.29		
7.0	7.17	3611.4	3600.3	3592.8	4.68	4.44	3.87	-31.1	-29.4	-63.2	0.28		
8.0	7.71	3618.9	3607.7	3600.1	4.53	4.34	3.76	-31.2	-31.9	-65.7	0.29		
9.0	8.07	3626.9	3615.6	3607.9	4.34	4.18	3.60	-31.3	-32.3	-65.3	0.28		
10.0	8.03	3635.0	3623.6	3616.0	4.26	4.07	3.48	-31.2	-31.7	-63.8	0.27		
11.0	7.64	3642.9	3631.5	3623.9	4.30	4.04	3.38	-30.9	-32.4	-63.2	0.25		
12.0	7.20	3650.4	3638.9	3631.4	4.42	4.05	3.28	-30.9	-32.3	-65.3	0.25		
13.0	6.90	3657.5	3646.0	3638.5	4.44	4.01	3.11	-31.2	-33.8	-63.8	0.24		
14.0	6.64	3664.5	3652.7	3645.3	4.36	3.97	2.91	-31.7	-35.1	-64.6	0.21		
15.0	6.18	3671.1	3659.2	3651.8	4.21	3.87	2.65	-32.5	-35.5	-64.2	0.17		
16.0	5.36	3677.1	3665.0	3657.7	4.09	3.80	2.37	-33.3	-37.0	-61.2	0.10		
17.0	4.32	3682.1	3670.0	3662.6	3.98	3.72	2.07	-34.2	-38.5	-61.5	0.07		