

Voltage Controlled Oscillator

ROS-ED13924A/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	8.73	669.70	668.42	668.10	5.00	4.84	4.17	-23.25	-37.84	-48.76	-0.13	1	-92
1.0	7.56	677.64	676.36	676.11	4.99	4.89	4.35	-23.55	-37.51	-47.68	0.00	10	-118
2.0	7.80	685.27	683.93	683.61	4.96	4.92	4.49	-23.89	-37.27	-46.61	0.00	100	-140
3.0	9.02	693.66	692.18	691.72	4.90	4.93	4.59	-24.40	-36.88	-45.71	0.03	1000	-160
4.0	10.18	703.37	701.73	701.09	4.84	4.92	4.67	-24.96	-36.31	-45.07	0.00		
5.0	11.19	714.05	712.42	711.81	4.75	4.87	4.70	-25.85	-36.30	-44.69	-0.19		
6.0	11.35	725.21	723.74	723.13	4.64	4.81	4.70	-26.38	-36.17	-44.81	-0.26		
7.0	11.24	736.33	734.98	734.47	4.55	4.73	4.67	-27.03	-36.41	-44.93	-0.59		
8.0	10.68	747.12	745.86	745.41	4.45	4.64	4.61	-27.66	-37.05	-45.99	-0.67		
9.0	9.94	757.37	756.22	755.76	4.35	4.54	4.54	-28.28	-37.62	-46.84	-0.79		
10.0	9.57	767.20	765.99	765.53	4.26	4.44	4.46	-28.69	-38.20	-48.31	-0.88		
11.0	9.02	776.58	775.36	774.78	4.13	4.33	4.37	-29.01	-38.68	-48.47	-0.64		
12.0	8.44	785.37	784.15	783.51	4.03	4.22	4.28	-29.14	-38.96	-48.81	-0.77		
13.0	8.15	793.89	792.55	791.91	3.97	4.14	4.20	-29.22	-39.22	-49.69	-0.77		
14.0	7.85	801.91	800.55	799.91	3.88	4.04	4.10	-29.29	-39.47	-48.56	-0.77		
15.0	7.56	809.56	808.17	807.53	3.77	3.93	3.98	-29.27	-40.17	-47.26	-0.77		
16.0	7.14	816.95	815.52	814.85	3.72	3.86	3.90	-29.22	-40.20	-45.01	-0.90		
17.0	6.98	823.94	822.50	821.82	3.65	3.77	3.82	-29.01	-39.64	-43.19	-0.95		
18.0	6.21	830.49	829.06	828.38	3.57	3.67	3.72	-28.86	-38.21	-41.65	-0.94		
19.0	5.95	836.63	835.15	834.58	3.52	3.60	3.62	-28.58	-36.69	-40.06	-1.02		
20.0	5.53	842.38	840.92	840.28	3.50	3.53	3.54	-28.27	-35.21	-39.04	-1.13		
21.0	4.95	847.69	846.23	845.64	3.49	3.49	3.48	-28.17	-33.94	-38.33	-1.27		
22.0	4.36	852.61	851.07	850.43	3.49	3.45	3.42	-27.98	-32.85	-37.95	-1.15		