

Voltage Controlled Oscillator

ROS-ED10731/1

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	21.31	661.7	657.7	652.4	7.03	7.08	6.72	-11.3	-28.0	-43.0	0.71	1	-81
2.0	23.19	685.2	680.9	675.4	7.74	7.82	7.51	-9.7	-36.4	-39.3	0.67	10	-106
3.0	27.11	712.6	708.0	702.3	8.27	8.34	8.08	-8.2	-33.0	-37.7	0.65	100	-126
4.0	30.32	743.3	738.3	732.5	8.98	8.98	8.66	-7.0	-23.2	-32.4	0.61	1000	-146
5.0	31.70	775.1	770.0	764.3	9.70	9.58	9.18	-6.0	-18.6	-29.8	0.59		
6.0	30.69	805.8	800.7	795.1	10.50	10.32	9.79	-5.5	-16.0	-26.4	0.55		
7.0	29.28	835.0	830.0	824.6	10.88	10.57	9.99	-5.3	-14.8	-24.1	0.49		
8.0	28.04	862.9	858.0	852.9	11.31	10.75	10.01	-5.4	-14.3	-19.1	0.39		
9.0	26.93	889.5	884.9	880.2	11.13	10.49	9.90	-5.9	-15.2	-16.7	0.25		
10.0	25.96	915.2	910.9	906.4	10.78	10.21	9.74	-6.3	-17.0	-18.3	0.11		
11.0	25.21	940.3	936.1	931.8	10.51	10.17	9.80	-6.7	-18.5	-21.8	0.05		
12.0	24.40	964.4	960.5	956.4	10.15	9.99	9.73	-6.8	-20.5	-25.1	0.19		
13.0	23.37	987.6	983.9	979.9	10.07	10.01	9.76	-6.9	-23.4	-27.1	0.31		
14.0	22.39	1009.9	1006.3	1002.4	10.16	10.18	9.94	-6.8	-28.1	-30.3	0.43		
15.0	21.31	1031.1	1027.6	1023.8	10.21	10.25	10.00	-6.6	-32.8	-33.3	0.56		
16.0	20.08	1051.1	1047.7	1044.0	10.44	10.40	10.11	-6.4	-34.8	-36.7	0.71		
17.0	18.77	1069.7	1066.5	1062.9	10.72	10.65	10.33	-6.3	-31.0	-39.7	0.88		
18.0	17.39	1087.0	1083.8	1080.4	10.84	10.74	10.40	-6.4	-28.0	-43.4	1.07		
19.0	16.01	1103.0	1099.8	1096.5	10.97	10.81	10.40	-6.4	-26.4	-45.8	1.24		
20.0	14.57	1117.6	1114.4	1111.2	11.15	10.91	10.43	-6.5	-24.7	-47.2	1.39		
21.0	13.10	1130.8	1127.5	1124.3	11.33	11.04	10.51	-6.7	-23.3	-48.6	1.48		
22.0	11.71	1142.6	1139.2	1136.1	11.40	11.07	10.50	-6.8	-22.1	-51.8	1.52		