

Voltage Controlled Oscillator

ROS-ED13087/1

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			
0.00	12.82	1156.4	1152.4	1150.1	9.21	9.80	9.82	-15.3	-50.6	-39.7	0.03	1	-97
1.00	8.45	1166.2	1162.6	1160.6	9.59	10.17	10.15	-15.3	-51.2	-40.2	0.05	10	-126
2.00	7.27	1174.0	1170.4	1168.4	9.84	10.41	10.39	-15.2	-51.7	-40.4	0.07	100	-146
3.00	6.79	1181.0	1177.4	1175.5	10.01	10.55	10.49	-15.1	-52.8	-40.3	0.08	1000	-166
4.00	6.64	1187.7	1184.1	1182.2	10.26	10.80	10.67	-15.1	-53.4	-40.2	0.06		
5.00	6.71	1194.3	1190.8	1188.9	10.44	10.88	10.70	-15.0	-53.2	-40.5	0.01		
6.00	6.87	1201.1	1197.6	1195.7	10.50	10.86	10.65	-15.3	-53.5	-41.7	0.01		
7.00	6.99	1208.0	1204.5	1202.6	10.49	10.85	10.65	-15.4	-53.1	-44.4	0.02		
8.00	6.97	1215.0	1211.5	1209.5	10.39	10.75	10.59	-15.8	-52.1	-48.3	0.05		
9.00	6.57	1221.9	1218.3	1216.3	10.30	10.66	10.53	-16.1	-51.0	-51.4	0.08		
10.00	5.66	1228.2	1224.5	1222.5	10.22	10.60	10.49	-16.8	-50.7	-52.9	0.11		
11.00	4.47	1233.4	1229.7	1227.6	10.19	10.61	10.53	-17.3	-51.2	-52.5	0.11		
12.00	3.40	1237.5	1233.7	1231.6	10.24	10.65	10.58	-17.7	-52.0	-52.6	0.08		