

Voltage Controlled Oscillator

ROS-ED12841/1

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	69.46	678.6	667.1	656.3	10.56	10.47	9.96	-16.89	-30.02	-54.13	0.18	1	-78
1.0	56.04	738.8	729.2	720.2	10.15	10.08	9.45	-16.05	-32.93	-56.24	0.20	10	-103
2.0	60.52	797.8	788.2	779.5	9.88	9.69	8.95	-15.18	-39.14	-54.93	0.17	100	-123
3.0	61.90	860.1	850.2	841.2	9.71	9.33	8.71	-13.89	-39.53	-50.28	0.11	1000	-143
4.0	59.62	922.3	911.7	902.5	9.25	9.02	8.45	-13.15	-36.69	-44.87	0.01		
5.0	54.86	981.0	970.1	960.6	9.22	8.92	8.46	-12.91	-36.87	-40.64	0.02		
6.0	48.86	1033.4	1022.0	1012.6	9.32	9.01	8.62	-13.58	-37.99	-36.13	0.09		
7.0	46.02	1080.2	1068.4	1059.3	9.21	9.22	8.90	-14.62	-37.36	-36.43	0.22		
8.0	40.22	1122.1	1111.0	1102.5	9.82	9.46	8.77	-16.61	-35.23	-33.72	0.33		
9.0	37.48	1161.3	1150.4	1142.7	10.13	9.66	9.08	-19.86	-33.71	-34.40	0.34		
10.0	37.46	1197.4	1187.1	1180.2	10.07	9.70	8.92	-25.04	-32.82	-39.29	0.35		
11.0	35.64	1232.7	1223.6	1217.4	10.37	9.49	8.57	-26.93	-31.30	-44.50	0.28		
12.0	35.12	1268.3	1259.4	1252.8	9.61	9.01	8.50	-24.68	-27.98	-46.31	0.27		
13.0	32.62	1302.2	1293.0	1286.5	9.40	8.71	8.11	-22.46	-25.88	-46.43	0.27		
14.0	30.90	1334.6	1324.9	1318.1	8.74	8.47	8.11	-22.06	-23.74	-47.75	0.36		