

Voltage Controlled Oscillator

ROS-ED7470/1

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			
0.3	111.90	1010.0	999.7	988.7	3.10	4.10	4.47	-26.7	-34.8	-41.6	0.54	1	-73
0.5	102.70	1035.3	1025.4	1014.6	3.15	4.19	4.59	-29.1	-35.7	-42.4	0.04	10	-98
0.8	96.00	1059.1	1049.4	1038.5	3.17	4.21	4.68	-31.9	-36.6	-43.1	0.33	100	-119
1.0	92.30	1082.1	1072.5	1061.5	3.25	4.18	4.60	-33.9	-37.2	-43.8	0.69	1000	-139
1.3	89.90	1104.6	1094.9	1083.7	3.44	4.25	4.60	-34.9	-38.0	-44.2	1.03		
1.5	89.00	1127.0	1117.2	1105.6	3.39	4.27	4.67	-35.1	-38.2	-45.3	1.38		
1.8	88.90	1149.4	1139.4	1127.5	3.38	4.24	4.60	-35.0	-38.6	-50.6	1.72		
2.0	89.80	1172.2	1161.8	1149.4	3.50	4.22	4.53	-34.8	-38.5	-48.1	2.06		
2.3	90.20	1195.0	1184.4	1171.4	3.51	4.35	4.62	-34.4	-37.5	-50.1	2.38		
2.5	91.30	1218.2	1207.2	1193.6	3.48	4.32	4.73	-34.7	-35.2	-51.2	2.64		
2.8	90.30	1241.0	1229.8	1215.7	3.52	4.38	4.66	-34.4	-31.9	-50.6	2.74		
3.0	82.30	1261.4	1250.4	1236.4	3.79	4.58	4.81	-32.9	-30.0	-50.1	2.48		
3.3	76.50	1280.3	1269.5	1255.6	3.83	4.75	5.02	-31.7	-30.6	-49.4	1.81		
3.5	73.30	1298.8	1287.8	1273.7	3.75	4.72	5.07	-31.1	-32.2	-48.9	1.20		
3.8	67.70	1315.8	1304.8	1290.4	3.83	4.72	5.03	-30.3	-34.0	-48.4	0.86		
4.0	59.70	1330.5	1319.7	1305.1	3.84	4.79	5.03	-29.3	-35.9	-47.7	0.88		
4.3	50.40	1342.8	1332.3	1317.6	3.86	4.82	5.05	-28.7	-37.2	-47.0	1.41		
4.5	40.10	1352.2	1342.3	1327.5	3.84	4.85	5.06	-28.3	-38.0	-46.4	2.48		
4.8	29.30	1358.7	1349.6	1334.9	3.69	4.81	4.97	-28.1	-38.5	-46.4	3.73		
5.0	20.20	1363.0	1354.7	1340.1	3.63	4.76	4.97	-28.0	-38.8	-46.4	4.74		