

Voltage Controlled Oscillator

ROS-ED8347/3

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			
0.5	42.22	1367.3	1354.6	1349.9	3.28	3.51	3.35	-29.4	-37.3	-39.3	0.78	0.1	-77
1.0	33.44	1383.8	1371.3	1366.4	3.53	3.78	3.66	-29.6	-36.1	-38.4	1.02	1	-102
1.5	29.28	1398.5	1385.9	1380.8	3.71	4.01	3.91	-29.7	-34.9	-38.0	1.21	10	-122
2.0	26.65	1411.9	1399.3	1393.9	3.86	4.18	4.11	-30.0	-34.4	-37.3	1.30	100	-142
2.5	24.97	1424.5	1411.7	1406.1	4.00	4.34	4.26	-30.1	-34.1	-37.0	1.37		
3.0	23.83	1436.7	1423.7	1417.7	4.16	4.49	4.41	-30.2	-34.2	-36.5	1.46		
3.5	22.97	1448.4	1435.1	1428.9	4.30	4.64	4.57	-30.5	-34.8	-36.4	1.51		
4.0	22.40	1459.8	1446.3	1439.8	4.40	4.78	4.71	-30.7	-35.3	-36.2	1.55		
4.5	22.07	1471.1	1457.4	1450.5	4.48	4.88	4.83	-30.6	-36.1	-36.0	1.57		
5.0	21.75	1482.3	1468.3	1461.0	4.56	4.94	4.93	-30.7	-36.6	-35.8	1.57		
5.5	21.78	1493.5	1479.1	1471.5	4.62	5.02	5.00	-31.1	-37.1	-35.2	1.55		
6.0	21.79	1504.8	1490.0	1482.0	4.73	5.10	5.07	-32.1	-37.6	-34.4	1.54		