

Voltage Controlled Oscillator

ROS-ED7618/2

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	16.80	208.2	207.7	206.9	-2.52	-2.43	-2.28	-18.3	-37.3	-46.7	0.63	1	-86
0.5	14.90	211.9	211.4	210.6	-2.38	-2.28	-2.11	-18.4	-36.1	-45.9	0.61	10	-107
0.8	13.60	215.3	214.8	214.1	-2.38	-2.18	-2.00	-18.5	-35.7	-44.6	0.59	100	-127
1.0	12.70	218.5	217.9	217.2	-2.35	-2.21	-2.01	-18.7	-35.2	-44.9	0.58	1000	-147
1.3	12.10	221.5	221.0	220.3	-2.30	-2.17	-1.93	-18.8	-34.9	-44.1	0.56		
1.5	11.60	224.4	223.9	223.2	-2.30	-2.13	-1.92	-19.0	-34.5	-44.2	0.55		
1.8	11.20	227.2	226.7	226.0	-2.33	-2.14	-1.90	-19.1	-34.3	-43.2	0.54		
2.0	10.90	230.0	229.4	228.7	-2.31	-2.15	-1.91	-19.3	-34.1	-42.6	0.54		
2.3	10.50	232.6	232.0	231.3	-2.34	-2.18	-1.91	-19.4	-34.0	-42.5	0.53		
2.5	10.30	235.2	234.6	233.9	-2.38	-2.18	-1.93	-19.6	-33.8	-42.0	0.53		
2.8	10.00	237.7	237.1	236.4	-2.42	-2.24	-1.98	-19.7	-33.6	-41.4	0.53		
3.0	9.70	240.1	239.5	238.8	-2.46	-2.27	-2.01	-19.8	-33.3	-41.3	0.59		
3.3	9.40	242.5	241.9	241.2	-2.52	-2.33	-2.05	-20.0	-33.3	-41.2	0.55		
3.5	9.00	244.7	244.1	243.4	-2.58	-2.38	-2.10	-20.0	-33.1	-40.4	0.56		
3.8	8.70	246.9	246.3	245.6	-2.60	-2.38	-2.11	-20.1	-33.0	-40.5	0.57		
4.0	8.40	249.0	248.4	247.7	-2.63	-2.47	-2.18	-20.2	-32.9	-40.3	0.59		
4.3	8.00	251.0	250.4	249.7	-2.75	-2.51	-2.25	-20.3	-32.6	-40.2	0.60		
4.5	7.60	252.9	252.3	251.6	-2.80	-2.59	-2.31	-20.3	-32.5	-39.9	0.62		
4.8	7.20	254.7	254.1	253.4	-2.86	-2.68	-2.37	-20.4	-32.3	-39.8	0.63		
5.0	6.90	256.4	255.8	255.1	-2.87	-2.64	-2.34	-20.4	-32.1	-39.0	0.65		