

Voltage Controlled Oscillator

ROS-ED8443/1

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			
0.5	46.24	788.5	782.2	778.6	0.37	1.15	1.08	-31.4	-44.1	-51.1	1.16	1	-83
1.0	35.96	806.2	800.2	796.5	0.75	1.52	1.54	-32.6	-45.1	-51.7	0.82	10	-106
1.5	31.30	821.8	815.9	812.1	1.16	1.92	1.91	-34.3	-47.5	-52.1	0.64	100	-127
2.0	28.55	836.1	830.1	826.2	1.57	2.33	2.35	-35.6	-48.1	-52.0	0.52	1000	-146
2.5	26.80	849.7	843.5	839.5	1.87	2.66	2.70	-36.5	-48.1	-51.4	0.42		
3.0	25.72	862.6	856.4	852.1	2.18	2.98	3.03	-37.0	-49.3	-50.3	0.33		
3.5	24.97	875.3	868.9	864.4	2.49	3.27	3.29	-37.8	-50.4	-52.7	0.26		
4.0	24.53	887.7	881.2	876.5	2.86	3.56	3.57	-38.2	-51.7	-53.3	0.22		
4.5	24.31	900.0	893.3	888.4	3.17	3.91	3.91	-38.4	-51.4	-53.0	0.13		
5.0	24.13	912.3	905.4	900.3	3.49	4.21	4.20	-38.2	-53.8	-52.9	0.09		
5.5	24.31	924.6	917.5	912.2	3.76	4.45	4.47	-38.1	-54.7	-52.9	0.02		
6.0	24.46	937.0	929.8	924.2	4.04	4.71	4.68	-38.1	-52.5	-52.2	0.05		
6.5	24.80	949.6	942.2	936.3	4.39	4.98	4.91	-37.9	-54.8	-54.4	0.02		
7.0	25.13	962.4	954.7	948.7	4.69	5.27	5.17	-38.0	-55.6	-51.7	0.02		
7.5	25.45	975.2	967.4	961.1	4.87	5.50	5.38	-38.1	-55.4	-51.8	0.02		
8.0	25.80	988.2	980.3	973.8	5.06	5.63	5.49	-38.5	-54.9	-50.4	0.10		