

Voltage Controlled Oscillator

ROS-ED8441/1

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	20.54	738.3	734.7	731.0	2.06	2.90	3.13	-23.0	-45.1	-49.7	0.08	1	-84
1.0	17.32	746.9	743.3	739.6	2.28	3.09	3.26	-25.0	-45.6	-51.0	0.02	10	-106
1.5	15.80	754.8	751.2	747.5	2.65	3.29	3.40	-26.5	-45.3	-53.7	0.02	100	-126
2.0	14.92	762.3	758.7	754.8	3.08	3.60	3.62	-26.6	-46.4	-52.0	0.04	1000	-144
2.5	14.40	769.5	765.9	761.9	3.57	3.94	3.86	-25.1	-46.0	-53.7	0.05		
3.0	14.00	776.5	772.9	768.9	4.12	4.30	4.11	-23.1	-46.6	-53.8	0.01		
3.5	13.60	783.4	779.7	775.7	4.55	4.71	4.41	-21.2	-47.0	-54.5	0.07		
4.0	13.32	790.5	786.4	782.4	4.91	5.08	4.71	-20.0	-48.1	-54.4	0.19		
4.5	13.14	797.6	792.9	788.9	5.14	5.33	4.91	-19.1	-47.8	-50.9	0.29		
5.0	13.06	804.7	799.5	795.3	5.25	5.52	5.11	-18.6	-48.6	-50.8	0.38		
5.5	13.08	811.7	806.0	801.7	5.27	5.60	5.24	-18.4	-49.6	-49.4	0.46		
6.0	13.08	818.2	812.5	808.1	5.24	5.67	5.33	-18.4	-49.7	-49.3	0.61		