

Voltage Controlled Oscillator

ROS-ED12617/2

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			
0.5	19.04	458.0	455.7	453.8	0.22	-0.64	-0.98	-13.9	-38.5	-36.6	0.54	1	-89
1.0	17.58	467.1	464.8	462.8	0.33	-0.52	-0.81	-14.8	-38.7	-36.8	0.44	10	-114
1.5	17.15	475.9	473.5	471.4	0.44	-0.36	-0.65	-15.9	-38.5	-36.9	0.39	100	-133
2.0	17.09	484.6	482.0	479.8	0.46	-0.24	-0.49	-16.6	-38.6	-36.6	0.38	1000	-153
2.5	17.12	493.3	490.6	488.2	0.53	-0.12	-0.31	-17.0	-38.5	-36.0	0.40		
3.0	17.01	502.0	499.1	496.6	0.62	0.04	-0.14	-17.9	-38.3	-35.1	0.45		
3.5	16.90	510.6	507.6	505.0	0.74	0.13	-0.01	-18.7	-38.2	-33.9	0.54		
4.0	16.43	519.1	516.0	513.3	0.68	0.22	0.05	-19.1	-38.3	-32.8	0.66		
4.5	15.79	527.2	524.0	521.3	0.83	0.41	0.25	-19.6	-39.1	-32.7	0.74		
5.0	15.06	535.0	531.8	528.9	0.95	0.54	0.38	-20.2	-39.9	-32.4	0.77		
5.5	14.25	542.5	539.1	536.2	1.06	0.68	0.53	-20.7	-40.7	-32.5	0.78		
6.0	13.48	549.5	546.1	543.0	1.15	0.82	0.69	-20.9	-41.7	-32.0	0.76		