

Voltage Controlled Oscillator

ROS-EDR4268

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	41.20	400.0	394.3	392.1	0.22	0.62	0.61	-20.5	-49.2	-51.4	0.13	1	-77
1.0	30.60	414.8	409.6	407.6	0.63	1.07	1.08	-22.1	-52.5	-54.0	0.06	10	-98
1.5	25.90	427.5	422.5	420.6	0.94	1.39	1.41	-24.3	-53.8	-56.4	0.00	100	-117
2.0	23.20	439.0	434.1	432.2	1.25	1.70	1.72	-26.0	-56.3	-55.6	0.06	1000	-142
2.5	21.10	449.5	444.7	442.7	1.65	2.04	2.04	-27.1	-53.5	-56.2	0.06		
3.0	19.60	459.3	454.5	452.5	2.10	2.43	2.42	-28.5	-50.0	-56.8	0.06		
3.5	18.40	468.7	463.7	461.7	2.59	2.88	2.85	-29.7	-49.2	-57.2	0.13		
4.0	17.50	477.6	472.5	470.4	3.07	3.35	3.31	-30.9	-49.5	-58.2	0.13		
4.5	17.20	486.3	481.0	478.9	3.56	3.81	3.76	-32.3	-48.9	-59.1	0.26		
5.0	16.10	494.9	489.1	486.8	3.99	4.24	4.21	-32.9	-47.4	-59.8	0.26		