

Voltage Controlled Oscillator

ROS-EDR4133

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	16.50	774.1	768.6	763.6	1.43	2.01	2.15	-5.5	-16.5	-18.6	0.51	1	-87
1.0	14.60	781.4	775.9	770.9	1.54	2.16	2.24	-5.4	-17.4	-18.6	0.58	10	-104
1.5	14.10	789.3	782.9	777.8	1.22	2.25	2.39	-5.7	-18.7	-18.9	0.51	100	-124
2.0	15.50	796.4	790.7	784.8	1.58	2.05	2.44	-5.7	-19.8	-18.3	0.64	1000	-144
2.5	14.20	803.7	797.8	792.4	1.75	2.39	2.34	-5.8	-21.2	-18.8	0.70		
3.0	14.80	811.3	805.2	799.5	2.01	2.51	2.65	-6.3	-22.6	-19.1	0.77		
3.5	14.70	818.6	812.5	806.8	2.24	2.79	2.78	-6.2	-23.7	-19.4	0.90		
4.0	14.30	826.9	819.7	813.8	1.98	3.03	3.03	-6.3	-24.3	-19.8	0.83		
4.5	16.40	834.2	827.9	820.7	2.41	2.79	3.21	-6.1	-23.4	-20.2	1.02		
5.0	13.80	841.2	834.8	828.7	2.66	3.18	2.97	-6.3	-23.3	-20.6	1.09		