

# Voltage Controlled Oscillator

# ROS-EDR4135

## 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	15.20	826.8	817.9	811.7	2.61	2.87	2.29	-10.6	-14.1	-17.3	0.45	1	-79
1.0	15.90	833.4	825.8	820.2	2.83	2.60	2.25	-10.7	-14.4	-17.4	0.26	10	-101
1.5	14.50	840.5	833.0	829.3	2.89	2.74	1.85	-11.2	-14.8	-18.0	0.32	100	-120
2.0	16.80	848.3	841.4	838.0	2.88	2.74	1.87	-11.7	-15.5	-19.7	0.38	1000	-142
2.5	18.70	857.5	850.8	846.7	2.85	2.64	1.85	-12.7	-16.1	-21.6	0.45		
3.0	19.70	868.2	860.6	855.7	2.37	2.56	1.88	-13.7	-17.2	-23.7	0.38		
3.5	19.80	877.3	870.5	865.0	2.53	2.18	1.75	-14.0	-16.5	-25.6	0.19		
4.0	17.30	886.4	879.2	873.3	2.64	2.31	1.65	-14.9	-16.1	-27.6	0.19		
4.5	16.80	895.4	887.6	881.1	2.68	2.40	1.80	-15.8	-16.3	-30.7	0.13		
5.0	16.30	904.4	895.7	888.7	2.39	2.46	1.91	-16.2	-16.2	-32.6	0.06		