

Voltage Controlled Oscillator

ROS-EDR4602

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	31.50	808.1	804.8	800.5	9.58	9.96	9.90	-20.3	-52.8	-34.4	-0.13	1	-83
1.0	28.00	822.3	818.8	814.2	9.69	10.28	10.23	-21.1	-48.4	-35.3	-0.19	10	-105
1.5	27.30	835.9	832.5	827.4	9.75	10.48	10.29	-21.3	-48.9	-35.6	-0.19	100	-128
2.0	27.80	849.8	846.3	840.3	9.99	10.68	10.34	-21.9	-48.1	-36.9	-0.13	1000	-149
2.5	28.00	864.2	860.4	853.4	10.26	10.89	10.58	-22.3	-45.7	-38.2	-0.13		
3.0	28.40	878.8	874.6	867.1	10.61	11.05	10.74	-22.9	-44.2	-39.2	-0.06		
3.5	28.20	893.5	888.6	881.0	10.82	11.13	10.90	-23.0	-42.7	-38.2	-0.13		
4.0	27.80	907.8	902.5	895.5	10.87	11.18	10.77	-23.3	-39.8	-38.4	-0.19		
4.5	27.10	921.5	916.1	910.1	10.81	11.15	10.51	-23.2	-39.3	-38.3	-0.26		
5.0	27.80	934.7	930.0	924.5	10.59	10.90	10.19	-23.8	-38.4	-38.2	-0.51		