

Voltage Controlled Oscillator

ROS-EDR4755

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	12.20	769.3	766.5	764.7	7.06	6.91	6.21	-23.6	-39.2	-36.0	0.00	1	-90
1.0	9.90	774.1	771.5	769.7	7.05	6.92	6.23	-23.7	-39.0	-35.6	0.06	10	-113
1.5	8.70	778.4	775.8	774.1	7.02	6.93	6.26	-24.1	-38.8	-35.7	0.00	100	-133
2.0	8.20	782.5	779.9	778.2	7.01	6.93	6.28	-24.4	-38.7	-36.5	0.00	1000	-151
2.5	7.90	786.4	783.9	782.1	7.01	6.93	6.29	-24.5	-38.8	-36.4	0.06		
3.0	7.60	790.1	787.7	785.9	7.00	6.92	6.31	-24.4	-39.0	-36.1	0.00		
3.5	7.70	794.0	791.5	789.6	7.00	6.90	6.32	-24.3	-39.2	-35.8	0.00		
4.0	7.80	797.9	795.4	793.5	6.98	6.89	6.33	-24.0	-39.6	-35.9	0.00		
4.5	7.80	801.9	799.3	797.4	6.97	6.86	6.35	-24.0	-39.8	-36.3	-0.06		
5.0	8.30	806.0	803.5	801.4	6.95	6.83	6.35	-24.4	-40.1	-37.0	0.00		
5.5	8.40	810.2	807.7	805.6	6.90	6.80	6.35	-24.7	-40.5	-37.4	0.00		
6.0	8.80	814.9	812.1	809.9	6.85	6.78	6.35	-25.1	-40.5	-37.8	0.00		
6.5	9.50	819.7	816.8	814.4	6.81	6.76	6.34	-25.0	-40.0	-38.0	0.06		
7.0	9.90	824.8	821.8	819.2	6.80	6.75	6.33	-24.8	-39.9	-37.8	0.06		
7.5	10.20	830.1	826.9	824.3	6.81	6.74	6.32	-24.5	-40.2	-37.6	0.00		
8.0	10.90	835.7	832.3	829.6	6.84	6.74	6.28	-24.6	-40.6	-37.8	0.00		
8.5	11.40	841.5	838.0	835.3	6.88	6.74	6.24	-24.7	-40.8	-37.9	0.00		
9.0	11.80	847.4	843.9	841.1	6.89	6.74	6.17	-24.6	-41.2	-38.2	0.00		