

Voltage Controlled Oscillator

ROS-ED12731/2

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			
0.0	35.23	4667.8	4637.8	4620.9	8.10	7.58	6.90	-33.52	-59.28	-61.96	1.54	1	-72
0.5	27.56	4682.6	4653.3	4637.1	8.49	7.97	7.08	-32.50	-60.63	-61.93	1.56	10	-98
1.0	24.53	4695.1	4666.2	4650.0	8.47	8.01	7.14	-31.77	-60.18	-62.45	1.50	100	-119
1.5	22.14	4706.5	4677.8	4661.6	8.36	7.92	7.07	-31.48	-62.26	-61.83	1.39	1000	-139
2.0	20.83	4717.2	4688.6	4672.3	8.31	7.82	7.05	-31.62	-59.80	-62.72	1.32		
2.5	20.05	4727.5	4698.8	4682.5	8.46	7.93	7.20	-31.89	-63.05	-63.42	1.19		
3.0	19.57	4737.5	4708.7	4692.4	8.53	8.02	7.28	-31.62	-62.91	-63.24	1.12		
3.5	19.36	4747.3	4718.4	4701.9	8.54	8.08	7.32	-31.10	-61.23	-62.83	1.03		
4.0	19.31	4757.0	4728.0	4711.4	8.54	8.15	7.38	-31.17	-63.26	-62.70	0.94		
4.5	19.33	4766.7	4737.7	4720.9	8.64	8.28	7.54	-31.13	-62.37	-62.09	0.84		
5.0	19.41	4776.5	4747.3	4730.4	8.55	8.16	7.48	-30.67	-61.76	-61.67	0.70		
5.5	19.59	4786.5	4757.0	4740.0	8.46	8.04	7.41	-30.13	-62.72	-62.32	0.62		
6.0	20.65	4796.6	4766.9	4749.7	8.43	7.97	7.35	-29.82	-61.76	-62.76	0.50		
6.5	20.41	4806.8	4777.0	4759.5	8.40	7.98	7.33	-29.98	-62.85	-62.79	0.39		
7.0	20.91	4817.2	4787.2	4769.6	8.41	8.03	7.35	-30.27	-62.71	-62.08	0.32		