

Voltage Controlled Oscillator

ROS-ED12963/2

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			
0.00	107.53	4252.9	4224.8	4208.4	0.21	3.81	3.44	-39.7	-69.3	-68.6	0.27	1	-67
0.50	88.34	4302.2	4273.3	4257.9	0.46	3.68	3.06	-39.3	-65.7	-69.3	0.52	10	-92
1.00	82.21	4347.2	4315.2	4299.6	0.61	3.96	3.27	-39.1	-64.6	-67.9	0.59	100	-112
1.50	81.28	4390.2	4356.1	4339.6	0.45	4.11	3.57	-39.7	-62.1	-68.2	0.67	1000	-132
2.00	79.01	4432.7	4395.8	4378.9	0.36	4.18	3.77	-38.4	-61.8	-69.1	0.74		
2.50	82.45	4476.3	4435.7	4417.8	0.62	3.99	3.65	-38.2	-64.3	-68.8	0.77		
3.00	84.82	4520.0	4477.5	4458.5	0.59	3.82	3.29	-37.7	-68.1	-68.4	0.85		
3.50	85.96	4565.2	4519.6	4500.0	0.44	4.19	3.72	-36.3	-66.5	-69.4	0.77		
4.00	88.19	4610.7	4563.2	4542.4	0.76	4.14	3.95	-35.6	-66.9	-68.7	0.46		
4.50	87.76	4655.3	4607.1	4585.6	0.80	3.60	3.30	-40.7	-66.4	-67.7	0.20		
5.00	82.61	4698.5	4649.6	4626.1	0.40	3.64	3.28	-43.8	-67.5	-66.8	0.11		
5.50	76.25	4738.1	4689.3	4663.3	0.70	4.15	3.85	-45.4	-67.6	-67.9	0.59		
6.00	63.12	4773.1	4724.1	4697.2	1.31	4.57	4.30	-43.9	-68.4	-69.2	1.20		