

Voltage Controlled Oscillator

ROS-EDR4690

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	63.40	856.6	845.1	832.9	5.99	6.52	5.69	-20.9	-28.0	-53.3	0.13	1	-77
1.0	55.70	884.8	872.9	861.3	6.36	6.80	6.38	-20.0	-28.5	-53.5	0.19	10	-101
1.5	55.80	912.5	900.8	888.0	6.58	7.00	6.71	-19.1	-29.1	-53.0	0.26	100	-121
2.0	54.70	939.7	928.1	915.7	6.81	7.35	7.08	-18.1	-30.4	-51.2	0.26	1000	-141
2.5	55.80	969.0	956.0	943.2	7.04	7.55	7.30	-18.2	-31.8	-50.0	0.32		
3.0	57.60	998.1	984.8	971.7	7.33	7.72	7.54	-17.1	-33.3	-49.5	0.26		
3.5	59.30	1027.5	1014.5	999.9	7.53	7.95	7.62	-16.8	-34.8	-49.0	0.26		
4.0	58.10	1057.3	1043.5	1029.6	7.69	8.20	7.69	-16.5	-36.5	-48.3	0.19		
4.5	57.70	1086.9	1072.4	1058.2	7.91	8.25	7.80	-16.3	-37.7	-47.9	0.19		
5.0	56.40	1114.4	1100.6	1086.3	7.91	8.30	7.75	-16.4	-39.7	-47.1	0.19		