

Voltage Controlled Oscillator

ROS-ED11425/1

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	13.43	814.8	811.9	809.4	0.99	0.33	-0.63	-32.9	-50.8	-60.9	0.32	1	-90
1.0	13.42	821.5	818.6	816.1	0.93	0.27	-0.65	-32.9	-49.4	-61.8	0.28	10	-115
1.5	14.34	828.4	825.5	823.0	0.90	0.17	-0.71	-32.9	-48.6	-58.4	0.25	100	-135
2.0	15.50	835.7	832.9	830.5	0.88	0.07	-0.81	-32.8	-47.6	-55.6	0.29	1000	-155
2.5	16.44	843.6	840.9	838.5	0.86	-0.05	-0.95	-32.8	-47.0	-57.3	0.43		
3.0	16.15	851.6	849.1	846.9	0.82	-0.16	-1.07	-32.9	-47.2	-56.5	0.69		
3.5	14.70	859.1	856.9	854.9	0.76	-0.23	-1.12	-32.7	-46.2	-57.8	1.02		
4.0	12.30	865.8	863.8	861.9	0.69	-0.27	-1.14	-32.6	-46.7	-57.7	1.24		
4.5	9.64	871.5	869.4	867.5	0.62	-0.30	-1.14	-32.8	-47.3	-59.3	1.25		
5.0	6.99	875.9	873.7	871.7	0.58	-0.33	-1.13	-32.9	-46.7	-59.0	1.07		
5.5	4.77	879.2	876.8	874.7	0.53	-0.35	-1.12	-33.1	-46.7	-58.0	0.80		
6.0	3.27	881.5	878.9	876.8	0.50	-0.37	-1.13	-33.0	-46.2	-56.9	0.53		