

Voltage Controlled Oscillator

ROS-ED10357A/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	13.06	876.4	874.0	870.0	2.49	3.28	3.52	-38.8	-35.8	-41.1	0.35	1	-88
1.0	12.55	882.6	880.3	876.3	2.67	3.41	3.66	-39.0	-35.6	-39.6	0.37	10	-112
1.5	13.17	889.3	886.9	882.8	2.23	3.51	3.78	-38.3	-35.5	-38.4	0.40	100	-132
2.0	14.48	896.7	894.1	889.9	2.73	3.59	3.87	-37.6	-35.5	-37.1	0.42	1000	-152
2.5	16.04	904.9	902.1	897.7	3.05	3.70	3.96	-36.9	-35.1	-35.6	0.35		
3.0	16.82	913.4	910.6	906.0	3.08	3.85	4.07	-36.4	-35.0	-34.4	0.22		
3.5	15.91	921.3	918.5	913.9	3.20	4.04	4.23	-36.7	-35.0	-33.0	0.02		
4.0	13.42	928.0	925.2	920.7	3.67	4.23	4.38	-37.1	-35.1	-32.1	0.05		
4.5	10.06	932.9	930.2	925.8	3.81	4.35	4.51	-37.5	-35.0	-32.0	0.05		
5.0	6.86	936.1	933.7	929.2	3.57	4.42	4.59	-38.2	-35.2	-31.7	0.27		
5.5	4.51	938.3	935.9	931.5	3.62	4.45	4.62	-38.4	-34.8	-31.4	0.41		
6.0	3.03	939.9	937.4	933.1	3.50	4.47	4.65	-38.2	-35.1	-31.2	0.53		