

Voltage Controlled Oscillator

ROSA-ED11343A/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			
0.5	14.29	458.0	455.2	452.9	2.73	2.96	2.92	-18.2	-40.8	-38.8	0.10	1	-94
1.0	11.86	464.3	461.8	459.6	2.74	2.95	2.90	-19.0	-39.9	-38.7	0.04	10	-119
1.5	10.60	469.8	467.4	465.3	2.84	3.00	2.92	-19.2	-39.0	-39.4	0.02	100	-139
2.0	9.70	474.8	472.5	470.5	3.02	3.12	3.00	-19.1	-37.8	-41.9	0.02	1000	-159
2.5	8.95	479.4	477.2	475.3	3.22	3.28	3.15	-18.9	-36.6	-45.3	0.02		
3.0	8.39	483.6	481.6	479.7	3.37	3.43	3.29	-18.9	-35.9	-46.3	0.01		
3.5	8.09	487.7	485.7	483.9	3.48	3.55	3.41	-19.1	-35.5	-44.0	0.01		
4.0	7.97	491.8	489.7	488.0	3.57	3.64	3.49	-19.4	-35.0	-42.1	0.02		
4.5	7.95	495.7	493.7	492.0	3.64	3.70	3.54	-19.8	-34.6	-40.5	0.03		
5.0	8.02	499.7	497.7	496.0	3.68	3.75	3.59	-20.3	-34.4	-39.5	0.05		
5.5	8.16	503.7	501.7	500.0	3.73	3.77	3.61	-20.8	-34.3	-39.0	0.07		
6.0	8.29	507.7	505.8	504.2	3.78	3.78	3.61	-21.5	-34.8	-39.5	0.09		