

Voltage Controlled Oscillator

ROS-EDR4154

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	149.90	2940.9	2902.5	2886.8	8.70	9.92	8.79	-17.6	-24.9	-38.7	3.14	1	-70
1.0	131.20	2988.2	2968.1	2950.3	9.36	9.54	7.99	-17.2	-22.3	-41.3	0.32	10	-93
1.5	75.50	3041.7	3005.9	2986.0	8.93	9.40	8.71	-19.7	-23.2	-43.7	0.19	100	-115
2.0	91.50	3078.5	3051.7	3025.5	9.17	9.33	8.20	-18.1	-23.3	-50.8	2.56	1000	-139
2.5	63.40	3105.4	3083.3	3064.0	8.78	9.45	8.32	-19.9	-22.1	-44.2	1.34		
3.0	49.00	3140.3	3107.8	3089.9	7.29	9.29	8.38	-21.4	-19.9	-42.3	2.43		
3.5	48.00	3177.2	3131.8	3110.9	6.55	8.97	8.00	-21.1	-22.4	-45.9	0.51		
4.0	83.10	3195.8	3173.4	3132.5	6.92	8.27	7.41	-22.1	-20.6	-44.4	3.01		
4.5	37.90	3210.1	3192.3	3172.0	6.56	8.58	5.86	-20.6	-20.4	-47.7	0.13		
5.0	27.80	3247.1	3206.2	3193.0	4.86	8.62	5.61	-23.6	-21.8	-44.1	2.56		