

Voltage Controlled Oscillator

ROS-ED13165/1

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			
0.00	8.53	2716.22	2710.59	2707.84	3.20	3.45	3.36	-13.53	-25.20	-29.29	0.08	1	-91
0.50	6.76	2719.49	2714.09	2711.42	3.42	3.60	3.56	-13.77	-25.04	-29.44	0.16	10	-116
1.00	6.04	2722.28	2716.99	2714.37	3.56	3.75	3.66	-14.06	-24.84	-29.45	0.03	100	-136
1.50	5.33	2724.99	2719.74	2717.18	3.74	3.89	3.83	-14.30	-24.63	-29.33	0.16	1000	-156
2.00	5.33	2727.77	2722.52	2719.87	3.83	4.00	3.91	-14.60	-24.64	-29.27	0.03		
2.50	6.40	2730.86	2725.57	2722.88	3.97	4.10	4.01	-14.88	-24.63	-29.42	0.11		
3.00	7.47	2734.34	2729.02	2726.27	4.19	4.31	4.16	-15.25	-24.67	-29.79	0.08		
3.50	5.69	2737.60	2732.35	2729.60	4.38	4.45	4.30	-15.61	-24.61	-29.84	0.05		
4.00	6.40	2740.46	2735.23	2732.59	4.47	4.60	4.44	-15.93	-24.59	-29.79	0.03		
4.50	4.27	2742.78	2737.60	2734.98	4.58	4.71	4.53	-16.24	-24.61	-29.74	0.00		
5.00	3.91	2744.73	2739.63	2737.05	4.64	4.74	4.62	-16.40	-24.56	-29.72	0.03		
5.50	2.49	2746.39	2741.33	2738.75	4.64	4.77	4.63	-16.55	-24.55	-29.73	0.16		
6.00	3.20	2747.90	2742.85	2740.29	4.72	4.82	4.66	-16.70	-24.53	-29.75	0.00		



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RF/IF MICROWAVE COMPONENTS

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