

Voltage Controlled Oscillator

ROS-EDR5319

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			
1.0	67.81	2289.3	2212.9	2153.9	7.15	5.29	3.74	-12.5	-29.8			1	-66
2.0	58.50	2344.9	2271.4	2211.7	6.97	5.49	4.21	-13.8	-29.2			10	-89
3.0	58.00	2395.0	2329.4	2272.4	6.55	5.51	4.47	-13.5	-29.8			100	-109
4.0	66.00	2453.0	2395.4	2340.5	5.41	5.07	4.22	-14.5	-28.8			1000	-129
5.0	87.00	2555.6	2433.4	2425.0	5.99	4.95	4.07	-16.9	-32.0				
6.0	94.50	2638.7	2524.3	2522.3	5.72	5.12	3.94	-15.9	-41.8				
7.0	98.56	2723.9	2625.1	2627.4	5.64	5.33	4.05	-15.0	-44.2				
8.0	98.06	2818.9	2724.8	2732.0	5.51	5.35	4.17	-14.7	-40.3				
9.0	98.25	2914.0	2824.4	2834.6	5.60	5.44	4.34	-14.3	-40.3				
10.0	95.50	3006.8	2920.3	2933.8	5.74	5.33	4.70	-13.9	-44.8				
11.0	86.31	3092.1	3008.8	3025.9	5.75	5.67	4.75	-15.4	-51.9				
12.0	84.75	3169.9	3092.9	3113.2	5.19	5.25	4.53	-14.6	-48.9				
13.0	81.50	3244.6	3181.4	3201.8	5.12	4.93	4.18	-15.3	-40.4				
14.0	92.31	3342.3	3267.2	3284.1	4.00	4.55	3.74	-15.9	-40.2				
15.0	78.50	3426.9	3346.8	3357.9	4.59	4.61	4.35	-14.6	-45.1				
16.0	67.13	3494.9	3418.0	3427.9	4.55	4.68	4.16	-15.3	-51.1				
17.0	60.00	3551.4	3479.1	3488.9	4.11	4.61	4.25	-15.0	-48.6				
18.0	56.38	3604.6	3535.6	3454.0	4.37	4.54	3.88	-15.6	-46.3				
19.0	55.81	3659.4	3587.7	3599.9	4.20	4.53	4.20	-16.5	-46.0				
20.0	46.25	3708.5	3636.7	3647.5	4.13	4.56	4.07	-17.5	-45.3				
21.0	46.75	3756.9	3680.8	3695.9	3.89	4.24	3.69	-18.1	-45.7				
22.0	43.44	3800.8	3722.9	3735.5	3.91	4.36	3.70	-17.1	-47.0				
23.0	39.00	3837.6	3762.1	3773.5	3.76	4.24	3.90	-17.6	-49.6				
24.0	31.31	3871.9	3797.3	3808.4	3.76	4.24	3.54	-17.0	-52.3				
25.0	28.44	3903.3	3825.4	3833.5	3.38	3.96	3.46	-16.5	-54.9				