

Voltage Controlled Oscillator

ROS-2400C-319+

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)
		-40°C	+25°C	+85°C	-40°C	+25°C	+85°C	F2	F3	F4			
0.00	5.2	2385.2	2384.1	2382.7	7.4	7.2	6.9	-14.5	-29.4	-50.5	0.0	1	-93
0.50	4.2	2387.6	2386.6	2385.5	7.4	7.3	6.9	-14.5	-29.3	-50.7	0.0	10	-121
1.00	3.7	2389.6	2388.7	2387.6	7.4	7.3	7.0	-14.6	-29.1	-50.5	0.0	100	-144
1.50	3.3	2391.3	2390.6	2389.5	7.4	7.3	7.0	-14.5	-28.7	-50.2	0.1	1000	-164
2.00	3.1	2393.0	2392.2	2391.2	7.4	7.3	7.0	-14.4	-28.4	-50.1	0.1		
2.50	3.0	2394.5	2393.8	2392.7	7.4	7.3	7.0	-14.3	-28.2	-50.3	0.1		
3.00	2.9	2396.0	2395.3	2394.3	7.4	7.3	7.0	-14.2	-28.0	-50.8	0.1		
3.50	2.8	2397.4	2396.7	2395.7	7.4	7.3	7.0	-14.1	-27.9	-51.7	0.1		
4.00	2.7	2398.8	2398.1	2397.1	7.4	7.3	7.0	-14.0	-28.0	-52.5	0.1		
4.50	2.7	2400.1	2399.5	2398.5	7.4	7.3	7.0	-13.8	-28.0	-53.2	0.1		
5.00	2.7	2401.4	2400.9	2399.9	7.4	7.3	7.0	-13.7	-28.1	-53.9	0.1		
5.50	2.7	2402.8	2402.2	2401.2	7.4	7.3	7.0	-13.6	-28.2	-54.6	0.1		
6.00	2.7	2404.1	2403.5	2402.6	7.4	7.3	7.0	-13.6	-28.3	-55.1	0.1		
6.50	2.7	2405.4	2404.9	2403.9	7.4	7.3	7.0	-13.5	-28.4	-55.4	0.1		
7.00	2.7	2406.7	2406.2	2405.3	7.4	7.2	7.0	-13.4	-28.5	-55.9	0.1		
7.50	2.7	2408.1	2407.6	2406.6	7.4	7.2	6.9	-13.3	-28.5	-56.1	0.1		
8.00	2.8	2409.4	2409.0	2408.0	7.4	7.2	6.9	-13.3	-28.6	-56.2	0.1		
8.50	2.8	2410.8	2410.3	2409.4	7.4	7.2	6.9	-13.2	-28.6	-56.5	0.1		
9.00	2.9	2412.2	2411.8	2410.8	7.3	7.2	6.9	-13.2	-28.4	-56.9	0.1		
9.50	2.9	2413.6	2413.2	2412.3	7.3	7.2	6.9	-13.2	-28.4	-57.5	0.1		
10.00	3.0	2415.0	2414.7	2413.8	7.3	7.1	6.8	-13.3	-28.1	-58.2	0.1		
10.50	3.0	2416.5	2416.1	2415.3	7.3	7.1	6.8	-13.4	-28.1	-58.7	0.1		
11.00	3.0	2418.0	2417.6	2416.8	7.3	7.1	6.8	-13.4	-27.8	-59.7	0.1		
11.50	2.9	2419.4	2419.1	2418.2	7.2	7.1	6.8	-13.5	-27.6	-60.4	0.0		
12.00	2.9	2420.8	2420.6	2419.7	7.2	7.0	6.7	-13.7	-27.6	-61.0	0.0		

Notes

- A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
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