

Voltage Controlled Oscillator

ROS-3600C-519+

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	5.1	3591.8	3589.9	3589.2	7.4	7.5	7.4	-21.0	-28.8	-55.3	0.1	1	-93
0.50	4.5	3594.3	3592.4	3591.9	7.5	7.5	7.4	-21.1	-29.4	-55.5	0.1	10	-119
1.00	4.2	3596.5	3594.6	3594.1	7.5	7.6	7.5	-21.3	-29.9	-54.9	0.1	100	-139
1.50	4.2	3598.6	3596.8	3596.2	7.6	7.6	7.5	-21.2	-30.2	-53.6	0.1	1000	-157
2.00	4.1	3600.7	3598.8	3598.3	7.6	7.7	7.6	-21.3	-30.4	-54.3	0.1		
2.28	4.2	3601.9	3600.0	3599.5	7.6	7.7	7.6	-21.3	-30.4	-54.1	0.1		
3.00	4.2	3604.9	3603.0	3602.5	7.7	7.7	7.6	-21.4	-30.2	-54.6	0.1		
3.50	4.2	3607.0	3605.1	3604.5	7.7	7.8	7.7	-21.5	-30.1	-54.1	0.1		
4.00	4.2	3609.1	3607.2	3606.6	7.7	7.8	7.7	-21.6	-29.9	-53.8	0.1		
4.50	4.2	3611.3	3609.3	3608.8	7.7	7.8	7.7	-22.0	-29.9	-54.1	0.1		
5.00	4.2	3613.4	3611.4	3610.9	7.8	7.8	7.7	-21.6	-30.0	-54.6	0.1		
5.50	4.2	3615.5	3613.6	3613.0	7.8	7.8	7.8	-21.6	-30.2	-53.8	0.1		
6.00	4.2	3617.6	3615.7	3615.1	7.8	7.9	7.8	-21.7	-30.7	-53.2	0.1		
6.50	4.2	3619.7	3617.8	3617.3	7.8	7.9	7.8	-21.7	-31.3	-53.5	0.1		
7.00	4.3	3621.8	3619.9	3619.4	7.8	7.9	7.8	-21.6	-32.0	-53.6	0.0		
7.50	4.3	3623.9	3622.0	3621.5	7.8	7.9	7.8	-21.5	-32.3	-53.8	0.0		
8.00	4.2	3626.1	3624.2	3623.7	7.9	7.9	7.8	-21.6	-32.3	-53.6	0.0		
8.50	4.2	3628.2	3626.3	3625.8	7.9	7.9	7.8	-21.4	-32.1	-54.0	0.0		
9.00	4.2	3630.3	3628.4	3627.9	7.9	7.9	7.9	-21.3	-31.9	-53.8	0.0		
9.50	4.1	3632.4	3630.5	3630.0	7.9	8.0	7.9	-21.4	-31.7	-54.0	0.0		
10.00	4.1	3634.4	3632.6	3632.1	7.9	8.0	7.9	-21.2	-31.7	-53.5	0.0		
10.50	4.0	3636.4	3634.6	3634.1	7.9	8.0	7.9	-21.2	-31.8	-54.0	0.0		
11.00	4.0	3638.4	3636.6	3636.1	8.0	8.0	7.9	-21.1	-32.1	-53.5	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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