

Voltage Controlled Oscillator

ROS-3200C-1419+

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	4.1	3188.5	3187.4	3184.7	2.7	2.1	1.6	-19.5	-28.8	-34.7	0.0	1	-93
0.50	3.4	3190.4	3189.5	3186.9	2.7	2.1	1.6	-19.5	-28.6	-34.2	0.1	10	-119
1.00	3.0	3192.0	3191.2	3188.7	2.7	2.1	1.6	-19.6	-28.4	-34.1	0.1	100	-141
1.50	2.8	3193.4	3192.7	3190.2	2.7	2.1	1.7	-19.6	-28.3	-33.7	0.1	1000	-160
2.00	2.6	3194.7	3194.0	3191.6	2.7	2.1	1.7	-19.7	-28.3	-33.6	0.1		
2.50	2.5	3196.0	3195.4	3193.0	2.7	2.1	1.7	-19.7	-28.3	-33.6	0.1		
3.00	2.5	3197.2	3196.6	3194.3	2.7	2.1	1.7	-19.7	-28.3	-33.9	0.1		
3.50	2.4	3198.4	3197.8	3195.5	2.7	2.1	1.7	-19.8	-28.5	-34.5	0.1		
4.00	2.4	3199.6	3199.1	3196.8	2.7	2.1	1.7	-19.7	-28.7	-35.1	0.1		
4.50	2.4	3200.8	3200.3	3198.0	2.7	2.1	1.7	-19.7	-29.0	-35.7	0.1		
5.00	2.4	3202.0	3201.5	3199.2	2.7	2.1	1.7	-19.7	-29.4	-36.2	0.1		
5.50	2.4	3203.1	3202.6	3200.4	2.7	2.1	1.7	-19.6	-29.7	-36.3	0.1		
6.00	2.4	3204.3	3203.9	3201.6	2.7	2.1	1.7	-19.7	-30.0	-36.7	0.1		
6.50	2.5	3205.5	3205.1	3202.9	2.7	2.1	1.7	-19.7	-30.3	-36.7	0.1		
7.00	2.5	3206.7	3206.3	3204.2	2.7	2.1	1.7	-19.7	-30.6	-36.8	0.1		
7.50	2.6	3207.9	3207.6	3205.4	2.7	2.1	1.7	-19.6	-30.9	-36.4	0.1		
8.00	2.6	3209.2	3208.9	3206.7	2.6	2.1	1.7	-19.6	-31.1	-36.2	0.1		
8.50	2.7	3210.5	3210.2	3208.1	2.6	2.1	1.7	-19.6	-31.3	-36.0	0.1		
9.00	2.7	3211.8	3211.5	3209.5	2.6	2.1	1.7	-19.6	-31.2	-35.4	0.1		
9.50	2.8	3213.2	3212.9	3210.9	2.6	2.1	1.7	-19.6	-31.3	-34.9	0.1		
10.00	2.8	3214.5	3214.3	3212.3	2.6	2.0	1.6	-19.5	-31.2	-34.9	0.1		
10.50	2.7	3215.8	3215.7	3213.7	2.5	2.0	1.6	-19.5	-31.0	-35.3	0.0		
11.00	2.6	3217.1	3217.0	3215.1	2.5	2.0	1.6	-19.5	-30.7	-35.9	0.0		
11.50	2.5	3218.4	3218.3	3216.4	2.4	2.0	1.6	-19.4	-30.3	-36.3	0.0		
12.00	2.5	3219.6	3219.6	3217.7	2.4	1.9	1.6	-19.5	-30.0	-36.7	0.0		

Notes

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