

Voltage Controlled Oscillator

ROS-EDR11060

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	104.22	5047.0	5020.5	4996.9	2.02	1.86	2.08	-25.6	-49.6	-43.3	2.14	1	-69
0.25	95.62	5072.9	5046.5	5025.8	2.15	1.94	1.69	-23.1	-46.4	-47.9	2.49	10	-95
0.50	86.83	5095.9	5070.4	5049.2	2.18	2.03	1.82	-23.5	-44.3	-47.9	3.15	100	-116
0.75	82.15	5116.8	5092.1	5071.7	1.99	2.09	1.77	-26.1	-42.6	-44.6	3.42	1000	-137
1.00	76.05	5136.9	5112.7	5092.2	1.84	1.98	2.04	-24.5	-41.0	-42.7	3.55		
1.25	81.94	5158.2	5131.7	5111.9	2.05	1.95	1.93	-23.7	-39.6	-42.8	3.38		
1.50	74.92	5175.3	5152.2	5130.7	2.06	1.79	1.84	-26.1	-39.6	-42.0	4.19		
1.75	71.90	5194.1	5170.9	5149.9	2.02	2.09	1.65	-22.4	-38.8	-41.8	3.38		
2.00	69.73	5211.0	5188.9	5169.4	1.97	2.07	1.97	-27.0	-37.7	-40.5	4.18		
2.25	78.13	5232.4	5206.3	5186.3	2.01	2.15	1.92	-23.4	-39.6	-39.9	3.63		
2.50	79.04	5250.8	5225.8	5204.4	1.96	1.91	2.04	-24.9	-37.4	-40.9	4.51		
2.75	67.98	5267.2	5245.6	5222.5	1.88	2.00	1.91	-26.2	-37.8	-40.8	4.59		
3.00	71.81	5286.5	5262.6	5242.4	1.97	2.07	1.77	-24.5	-40.3	-39.6	3.66		
3.25	70.62	5304.2	5280.6	5260.1	2.16	1.98	1.90	-26.2	-40.2	-38.9	4.87		
3.50	71.20	5324.1	5298.2	5276.5	2.01	2.18	1.80	-25.5	-43.0	-38.1	3.83		
3.75	69.87	5340.5	5316.0	5294.7	1.84	2.23	1.97	-26.6	-46.5	-37.9	4.74		
4.00	63.08	5358.1	5333.5	5310.6	2.00	2.12	2.09	-25.9	-49.3	-37.3	3.30		
4.25	60.30	5373.4	5349.3	5328.6	2.16	1.94	1.95	-27.1	-50.6	-39.5	3.96		
4.50	55.24	5387.3	5364.3	5342.4	2.22	2.09	1.81	-26.8	-51.8	-50.9	3.03		
4.75	43.85	5399.3	5378.1	5357.4	2.18	2.21	1.86	-28.3	-52.5	-46.9	3.27		
5.00	43.85	5416.1	5389.1	5369.8	2.05	2.31	1.83	-26.8	-51.5	-41.8	2.54		

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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