

Voltage Controlled Oscillator

ROS-EDR9339/2

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			
0.0	2.11	1272.07	1269.14	1267.08	7.88	7.35	6.79	-15.66	-28.26	-22.19	0.09	1	-87
0.5	1.82	1273.09	1270.20	1268.16	7.87	7.34	6.78	-15.72	-28.81	-22.02	0.10	10	-115
1.0	1.70	1273.99	1271.11	1269.08	7.85	7.32	6.78	-15.77	-29.01	-21.97	0.11	100	-137
1.5	1.66	1274.84	1271.96	1269.92	7.84	7.31	6.77	-15.82	-29.27	-21.99	0.11	1000	-157
2.0	1.66	1275.67	1272.79	1270.74	7.82	7.30	6.77	-15.88	-29.53	-22.05	0.12		
2.5	1.69	1276.50	1273.62	1271.56	7.81	7.28	6.76	-15.92	-29.74	-22.14	0.12		
3.0	1.75	1277.34	1274.47	1272.39	7.80	7.27	6.75	-15.99	-29.96	-22.25	0.12		
3.5	1.83	1278.22	1275.34	1273.25	7.79	7.26	6.74	-16.06	-30.17	-22.36	0.13		
4.0	1.93	1279.14	1276.25	1274.15	7.78	7.24	6.73	-16.23	-29.87	-22.94	0.13		
4.5	2.03	1280.10	1277.22	1275.10	7.76	7.23	6.72	-16.23	-30.59	-22.67	0.13		
5.0	2.14	1281.11	1278.23	1276.10	7.75	7.21	6.71	-16.30	-30.78	-22.73	0.14		
5.5	2.26	1282.19	1279.30	1277.16	7.73	7.20	6.69	-16.38	-30.75	-22.54	0.14		
6.0	2.37	1283.32	1280.43	1278.28	7.72	7.18	6.68	-17.21	-34.83	-22.10	0.14		
6.5	2.47	1284.51	1281.62	1279.45	7.70	7.16	6.67	-16.76	-30.58	-22.81	0.14		
7.0	2.55	1285.74	1282.85	1280.67	7.68	7.15	6.65	-16.78	-30.42	-22.49	0.15		
7.5	2.62	1287.01	1284.12	1281.94	7.66	7.13	6.64	-16.86	-30.15	-22.54	0.15		
8.0	2.67	1288.32	1285.43	1283.23	7.65	7.11	6.63	-16.83	-29.83	-22.46	0.15		
8.5	2.72	1289.65	1286.77	1284.56	7.63	7.09	6.61	-16.82	-29.37	-22.54	0.15		
9.0	2.76	1291.00	1288.13	1285.92	7.62	7.07	6.60	-16.76	-28.91	-22.49	0.15		
9.5	2.78	1292.38	1289.51	1287.29	7.60	7.05	6.58	-16.70	-28.44	-22.40	0.16		
10.0	2.82	1293.77	1290.90	1288.68	7.59	7.03	6.56	-16.69	-28.02	-22.32	0.16		
10.5	2.85	1295.18	1292.31	1290.09	7.59	7.02	6.54	-16.72	-27.66	-22.21	0.16		
11.0	2.88	1296.59	1293.74	1291.51	7.59	7.00	6.53	-16.75	-27.38	-22.12	0.16		
11.5	2.89	1298.02	1295.18	1292.94	7.58	6.99	6.51	-16.78	-27.17	-22.03	0.17		
12.0	2.89	1299.45	1296.62	1294.37	7.58	6.98	6.50	-16.82	-27.00	-21.94	0.17		

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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