Voltage Controlled Oscillator ROS-1200+

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)
		-40°C	+25°C	+85°C	-40°C	+25°C	+85°C	F2	F3	F4	
0.00	29.4	1087.6	1082.6	1077.7	11.8	11.1	10.1	-32.7	-31.4	-49.8	1.0
0.25	26.0	1094.7	1089.9	1085.4	11.8	11.2	10.3	-32.4	-30.4	-49.3	0.7
0.50	24.0	1101.0	1096.4	1092.1	11.8	11.2	10.4	-32.3	-29.9	-48.4	0.6
0.75	22.8	1106.9	1102.4	1098.3	11.8	11.2	10.5	-32.3	-30.0	-48.1	0.5
1.00	22.2	1112.6	1108.1	1104.1	11.7	11.3	10.6	-32.7	-30.0	-48.2	0.4
1.25	21.8	1118.1	1113.7	1109.7	11.7	11.3	10.6	-33.3	-29.4	-48.2	0.4
1.50	21.7	1123.6	1119.1	1115.2	11.7	11.2	10.7	-34.0	-28.9	-47.3	0.3
1.75	21.7	1129.0	1124.5	1120.6	11.6	11.2	10.7	-34.7	-29.0	-46.7	0.3
2.00	21.9	1134.5	1130.0	1126.0	11.6	11.2	10.7	-35.4	-29.4	-46.6	0.3
2.25	22.2	1140.0	1135.4	1131.5	11.5	11.1	10.6	-36.3	-29.6	-46.5	0.2
2.50	22.5	1145.6	1141.0	1137.0	11.4	11.1	10.6	-37.4	-29.0	-45.8	0.2
2.75	22.8	1151.3	1146.6	1142.6	11.3	11.0	10.5	-39.0	-28.6	-45.6	0.1
3.00	23.0	1157.0	1152.3	1148.3	11.3	11.0	10.5	-40.7	-28.9	-45.3	0.1
3.25	23.3	1162.7	1158.1	1154.1	11.2	10.9	10.4	-42.3	-29.3	-44.5	0.1
3.50	23.4	1168.5	1163.9	1159.9	11.1	10.8	10.4	-43.6	-29.2	-44.8	0.1
3.75	23.5	1174.3	1169.8	1165.9	11.0	10.7	10.3	-44.8	-28.6	-44.6	0.2
4.00	23.4	1180.2	1175.6	1171.8	10.9	10.6	10.2	-46.8	-28.4	-43.5	0.2
4.25	23.4	1186.0	1181.5	1177.7	10.8	10.6	10.1	-49.5	-28.8	-42.9	0.3
4.50	23.3	1191.8	1187.3	1183.6	10.7	10.5	10.1	-50.3	-29.0	-43.0	0.4
4.75	23.3	1197.5	1193.2	1189.6	10.6	10.4	10.0	-47.1	-28.8	-42.5	0.5
5.00	23.3	1203.3	1199.0	1195.5	10.5	10.3	9.9	-43.6	-28.7	-41.6	0.6
5.25	23.0	1209.0	1204.8	1201.4	10.4	10.2	9.8	-40.3	-29.1	-41.1	0.7
5.50	22.7	1214.7	1210.6	1207.2	10.2	10.1	9.7	-37.7	-29.6	-40.7	0.8
5.75	22.5	1220.3	1216.3	1213.0	10.1	9.9	9.5	-35.7	-29.7	-40.2	0.9
6.00	22.2	1225.8	1221.9	1218.8	9.9	9.7	9.4	-34.3	-29.4	-40.1	1.0
6.25	22.0	1231.3	1227.4	1224.4	9.7	9.5	9.2	-33.3	-29.3	-39.9	1.1
6.50	22.1	1236.8	1232.9	1230.0	9.5	9.3	8.9	-32.6	-29.4	-39.3	1.2
6.75	21.1	1242.1	1238.5	1235.6	9.3	9.1	8.7	-32.0	-29.6	-38.8	1.3
7.00	21.1	1247.2	1243.7	1241.1	9.2	8.9	8.5	-30.9	-29.7	-38.3	1.3

FREQ OFFSET (kHz)	PHASE NOISE (dBc/Hz)
1	-84
10	-113
100	-136
1000	-156

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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