

Voltage Controlled Oscillator

ROS-1215-119+

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	26.11	1176.7	1171.5	1168.3	2.39	2.86	2.66	-37.8	-30.6	-33.6	0.26	1	-84
0.25	24.58	1183.1	1178.0	1175.0	2.41	2.90	2.71	-37.8	-30.1	-33.9	0.26	10	-109
0.50	23.04	1189.1	1184.2	1181.0	2.43	2.91	2.74	-37.7	-29.7	-33.9	0.38	100	-129
0.75	23.04	1195.1	1190.0	1186.8	2.44	2.93	2.77	-37.6	-29.7	-34.2	0.38	1000	-149
1.00	22.78	1200.9	1195.7	1192.3	2.43	2.92	2.79	-37.3	-29.6	-34.4	0.38		
1.25	22.78	1206.7	1201.4	1197.9	2.41	2.91	2.80	-37.0	-29.0	-34.5	0.51		
1.50	23.30	1212.7	1207.1	1203.5	2.38	2.89	2.79	-36.7	-28.5	-34.6	0.38		
1.75	23.81	1218.6	1212.9	1209.2	2.33	2.85	2.78	-36.4	-28.6	-35.3	0.38		
2.00	24.06	1224.8	1218.9	1214.9	2.28	2.80	2.75	-36.2	-28.5	-35.2	0.38		
2.25	24.32	1230.9	1224.9	1220.7	2.25	2.74	2.70	-36.2	-28.0	-35.1	0.51		
2.50	24.83	1237.2	1231.0	1226.8	2.22	2.71	2.67	-36.0	-27.5	-35.6	0.51		
2.75	25.09	1243.5	1237.2	1232.8	2.18	2.68	2.64	-35.6	-27.6	-35.5	0.51		
3.00	25.09	1249.9	1243.5	1238.9	2.14	2.64	2.62	-35.4	-27.5	-35.8	0.51		
3.25	25.09	1256.3	1249.7	1245.1	2.12	2.59	2.59	-35.3	-27.1	-35.8	0.38		
3.50	24.83	1262.7	1256.0	1251.2	2.08	2.57	2.57	-35.1	-27.0	-35.7	0.38		
3.75	24.83	1269.1	1262.2	1257.3	2.01	2.52	2.56	-34.9	-26.9	-36.0	0.38		
4.00	24.83	1275.5	1268.4	1263.4	1.92	2.45	2.54	-34.9	-26.4	-35.9	0.26		
4.25	24.58	1281.8	1274.6	1269.5	1.83	2.36	2.49	-34.7	-25.9	-35.5	0.26		
4.50	24.06	1288.0	1280.8	1275.5	1.74	2.27	2.43	-34.5	-25.9	-35.5	0.26		
4.75	23.81	1294.1	1286.8	1281.5	1.65	2.18	2.37	-34.5	-25.8	-35.2	0.13		
5.00	23.04	1300.1	1292.7	1287.2	1.57	2.09	2.30	-34.3	-25.2	-35.0	0.26		
5.25	22.78	1306.0	1298.5	1293.0	1.47	2.00	2.23	-34.1	-24.8	-35.1	0.13		
5.50	22.27	1311.7	1304.2	1298.6	1.38	1.90	2.17	-33.9	-24.8	-34.7	0.13		
5.75	22.02	1317.4	1309.8	1304.1	1.28	1.80	2.09	-33.8	-24.6	-34.6	0.26		
6.00	21.50	1323.0	1315.3	1309.4	1.21	1.71	2.02	-33.6	-24.0	-35.0	0.13		

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