

Voltage Controlled Oscillator

ROS-1357+

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	22.71	1309.9	1307.0	1304.0	0.55	-0.34	-0.66	-21.32	-29.28	-24.52	0.06	1	-87
0.25	19.45	1315.4	1312.7	1309.8	0.56	-0.29	-0.61	-21.37	-29.10	-24.62	0.21	10	-110
0.50	17.50	1320.3	1317.6	1314.7	0.52	-0.26	-0.57	-21.41	-28.85	-24.43	0.28	100	-131
0.75	16.07	1324.7	1321.9	1319.1	0.49	-0.23	-0.54	-21.44	-28.80	-24.17	0.32	1000	-151
1.00	15.01	1328.7	1325.9	1323.1	0.48	-0.20	-0.51	-21.44	-28.60	-24.09	0.35		
1.25	14.32	1332.5	1329.7	1326.9	0.46	-0.19	-0.49	-21.45	-28.51	-24.22	0.36		
1.50	13.77	1336.2	1333.3	1330.4	0.42	-0.19	-0.47	-21.40	-28.55	-24.47	0.37		
1.75	13.35	1339.8	1336.7	1333.8	0.38	-0.18	-0.46	-21.40	-28.71	-24.45	0.37		
2.00	12.99	1343.2	1340.1	1337.1	0.34	-0.17	-0.45	-21.43	-28.86	-24.29	0.38		
2.25	12.67	1346.6	1343.3	1340.3	0.34	-0.16	-0.44	-21.46	-28.87	-24.11	0.38		
2.50	12.38	1349.8	1346.5	1343.4	0.34	-0.14	-0.42	-21.58	-28.67	-23.99	0.38		
2.75	12.23	1353.0	1349.6	1346.5	0.32	-0.12	-0.40	-21.64	-28.49	-24.16	0.38		
3.00	12.11	1356.1	1352.6	1349.5	0.30	-0.11	-0.38	-21.67	-28.41	-24.38	0.38		
3.25	12.04	1359.3	1355.7	1352.5	0.27	-0.10	-0.37	-21.67	-28.18	-24.44	0.38		
3.50	11.97	1362.4	1358.7	1355.5	0.25	-0.09	-0.36	-21.62	-27.96	-24.47	0.38		
3.75	11.90	1365.5	1361.7	1358.4	0.25	-0.08	-0.35	-21.52	-27.70	-24.47	0.39		
4.00	11.84	1368.5	1364.6	1361.3	0.26	-0.07	-0.34	-21.40	-27.53	-24.41	0.39		
4.25	11.84	1371.6	1367.6	1364.2	0.26	-0.05	-0.33	-21.28	-27.46	-24.45	0.39		
4.50	11.90	1374.7	1370.5	1367.2	0.25	-0.03	-0.31	-21.21	-27.72	-24.39	0.39		
4.75	11.93	1377.7	1373.5	1370.1	0.26	-0.01	-0.29	-21.13	-27.74	-24.29	0.39		
5.00	11.97	1380.8	1376.5	1373.0	0.27	0.00	-0.27	-21.09	-27.75	-24.42	0.39		
5.25	12.01	1383.9	1379.5	1375.9	0.28	0.02	-0.26	-21.06	-27.68	-24.76	0.39		
5.50	12.05	1387.0	1382.5	1378.9	0.29	0.05	-0.23	-21.11	-27.62	-25.31	0.39		
5.75	12.16	1390.1	1385.5	1381.9	0.30	0.07	-0.21	-21.24	-27.53	-25.62	0.39		
6.00	12.29	1393.3	1388.6	1384.9	0.30	0.09	-0.19	-21.31	-27.47	-25.62	0.39		
6.25	12.38	1396.4	1391.6	1387.9	0.31	0.11	-0.17	-21.42	-27.19	-25.50	0.39		
6.50	12.45	1399.6	1394.7	1390.9	0.32	0.13	-0.15	-21.55	-27.00	-25.45	0.39		
6.75	12.51	1402.8	1397.8	1394.0	0.35	0.14	-0.13	-21.60	-26.98	-25.26	0.38		
7.00	12.51	1406.0	1401.0	1397.0	0.38	0.17	-0.11	-21.59	-26.98	-25.35	0.37		

REV. X1
ROS-1357+
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Page 1 of 1



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