

# Voltage Controlled Oscillator

# ROS-1455+

## 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	69.21	756.3	749.1	731.1	14.16	14.24	13.98	-23.7	-18.9	-35.5	0.28	1	-71
0.5	69.59	791.1	783.7	766.6	14.04	14.11	13.78	-22.4	-19.1	-37.8	0.36	10	-101
1.0	69.11	825.6	818.5	802.3	13.97	14.02	13.65	-21.3	-19.3	-41.6	0.34	100	-126
1.5	70.11	860.3	853.1	836.9	14.04	14.09	13.60	-20.5	-19.5	-43.6	0.34	1000	-147
2.0	71.66	895.3	888.1	872.4	14.04	14.07	13.58	-19.4	-19.5	-42.9	0.31		
2.5	70.36	931.5	923.9	907.5	14.03	14.01	13.50	-18.2	-19.8	-40.3	0.33		
3.0	71.15	966.4	959.1	943.5	14.11	14.07	13.48	-17.4	-20.4	-37.4	0.30		
3.5	69.90	1002.2	994.7	978.4	14.04	13.98	13.43	-16.6	-20.8	-35.2	0.35		
4.0	69.91	1036.8	1029.7	1014.3	14.23	14.15	13.43	-16.2	-22.6	-31.6	0.34		
4.5	69.38	1072.2	1064.6	1048.6	14.21	14.09	13.41	-15.6	-24.9	-31.3	0.29		
5.0	68.12	1106.7	1099.3	1083.5	14.16	14.05	13.29	-15.2	-27.0	-29.7	0.25		
5.5	67.25	1140.9	1133.4	1117.3	14.08	13.90	13.14	-14.6	-30.5	-28.6	0.23		
6.0	66.31	1174.4	1167.0	1151.3	14.03	13.89	13.14	-14.4	-31.2	-26.7	0.19		
6.5	65.49	1207.6	1200.1	1184.3	13.96	13.82	13.04	-14.2	-30.1	-26.2	0.16		
7.0	64.43	1240.2	1232.9	1217.4	13.97	13.80	12.99	-14.0	-27.5	-25.3	0.13		
7.5	63.78	1272.7	1265.1	1249.4	13.93	13.77	12.95	-13.8	-25.8	-24.7	0.14		
8.0	61.52	1304.2	1297.0	1281.8	13.84	13.68	12.92	-13.7	-23.8	-24.6	0.23		
8.5	63.71	1335.2	1327.8	1312.8	13.70	13.58	12.84	-13.9	-23.7	-26.4	0.22		
9.0	61.26	1367.0	1359.6	1344.4	13.51	13.35	12.63	-14.0	-22.4	-25.1	0.20		
9.5	61.20	1397.6	1390.2	1375.5	13.42	13.24	12.45	-13.9	-22.2	-25.1	0.18		
10.0	60.19	1428.4	1420.8	1405.9	13.25	13.07	12.32	-13.7	-21.0	-23.7	0.15		
10.5	60.35	1458.6	1450.9	1436.2	13.16	13.04	12.21	-13.9	-21.2	-24.3	0.12		
11.0	57.70	1488.7	1481.1	1466.3	13.01	12.84	12.11	-14.1	-19.9	-22.7	0.09		
11.5	57.93	1517.4	1510.0	1495.8	12.93	12.79	12.04	-13.8	-19.7	-22.7	0.02		
12.0	57.67	1546.8	1538.9	1524.3	12.65	12.58	11.94	-14.3	-19.0	-21.7	0.07		

REV. X1  
ROS-1455+  
060831  
Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant  
P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

