

Voltage Controlled Oscillator

ROS-2160W+

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			
1.0	55.26	1107.6	1097.1	1085.4	5.10	5.37	5.20	-11.4	-36.4	-36.9	1.31	1	-70
2.0	61.50	1170.5	1158.6	1146.4	5.73	5.81	5.53	-10.2	-32.6	-36.4	1.07	10	-97
3.0	68.54	1239.8	1227.1	1214.8	6.13	6.11	5.69	-9.4	-30.0	-32.9	0.84	100	-117
4.0	73.50	1313.5	1300.6	1288.5	6.14	6.04	5.60	-10.0	-26.9	-31.1	0.62	1000	-137
5.0	76.41	1390.8	1377.0	1364.7	5.51	5.59	5.29	-12.4	-23.9	-32.6	0.29		
6.0	78.06	1471.2	1455.1	1441.6	4.89	5.17	4.98	-17.3	-22.3	-31.4	0.23		
7.0	76.10	1548.3	1531.2	1516.9	4.89	5.12	4.97	-22.9	-21.5	-28.6	0.38		
8.0	74.11	1622.9	1605.3	1590.6	5.06	5.23	5.04	-26.5	-21.5	-27.2	0.56		
9.0	72.54	1695.4	1677.8	1663.1	5.29	5.38	5.11	-26.2	-21.0	-27.5	0.61		
10.0	71.59	1766.5	1749.4	1734.8	5.43	5.48	5.19	-21.8	-21.4	-27.2	0.50		
11.0	69.46	1835.7	1818.9	1804.2	5.52	5.66	5.38	-19.4	-22.1	-27.7	0.31		
12.0	66.29	1901.8	1885.2	1870.7	5.68	5.82	5.52	-17.6	-22.9	-30.4	0.12		
13.0	62.35	1963.9	1947.5	1933.0	5.69	5.89	5.64	-16.6	-23.3	-34.7	0.02		
14.0	56.70	2020.6	2004.2	1989.5	5.76	6.01	5.74	-16.1	-23.7	-37.3	0.16		
15.0	50.92	2071.2	2055.2	2040.3	5.67	5.98	5.82	-16.0	-23.7	-37.9	0.37		
16.0	44.38	2115.5	2099.5	2084.6	5.63	5.93	5.82	-16.3	-23.7	-33.6	0.69		
17.0	39.00	2154.2	2138.5	2123.3	5.48	5.91	5.88	-16.1	-24.1	-34.6	1.05		
18.0	33.49	2187.2	2172.0	2156.9	5.42	5.81	5.79	-16.1	-24.7	-34.2	1.30		
19.0	28.60	2215.6	2200.6	2185.6	5.37	5.80	5.75	-16.0	-25.0	-34.7	1.54		
20.0	24.82	2240.2	2225.4	2210.2	5.31	5.75	5.72	-16.3	-25.6	-42.3	1.76		

