

Voltage Controlled Oscillator

ROS-EDR6283/2

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	40.50	984.2	976.0	969.0	11.28	10.88	10.92	-9.0	-29.3	-29.2	0.50	1	-80
2.0	40.88	1025.9	1016.9	1009.7	11.91	10.76	10.86	-8.6	-30.7	-26.8	0.50	10	-105
3.0	45.13	1071.3	1062.0	1054.5	12.18	10.74	10.65	-8.1	-33.6	-25.6	0.50	100	-127
4.0	47.19	1118.5	1109.2	1102.2	12.22	10.49	10.34	-7.4	-38.6	-24.7	0.25	1000	-147
5.0	46.38	1164.6	1155.6	1149.9	12.46	10.39	10.05	-7.2	-44.0	-24.6	-0.13		
6.0	45.88	1209.1	1201.4	1196.2	12.24	9.98	9.67	-7.3	-36.6	-28.1	-0.38		
7.0	43.81	1251.5	1245.3	1240.8	11.98	9.59	9.13	-8.0	-30.7	-30.4	-0.63		
8.0	42.88	1294.1	1288.1	1283.6	11.36	9.02	8.56	-8.8	-26.9	-36.2	-0.50		
9.0	40.88	1334.7	1329.0	1324.3	10.76	8.54	8.20	-9.6	-23.8	-43.0	-0.50		
10.0	38.63	1374.0	1367.6	1363.0	9.84	8.20	7.84	-10.9	-22.2	-44.9	-0.50		
11.0	37.00	1411.4	1404.6	1399.7	9.09	7.88	7.63	-12.5	-20.9	-37.3	-0.50		
12.0	35.38	1446.7	1440.0	1434.9	8.54	7.53	7.34	-14.0	-19.5	-39.8	-0.63		
13.0	33.44	1480.6	1473.4	1468.1	7.89	7.36	7.24	-16.7	-18.8	-35.1	-0.63		
14.0	32.06	1513.2	1505.5	1500.2	7.50	7.21	7.08	-17.3	-17.7	-32.7	-0.50		
15.0	30.50	1543.4	1536.0	1530.6	7.38	7.10	7.01	-18.5	-17.7	-30.9	-0.63		
16.0	29.00	1572.7	1565.0	1559.4	7.35	7.08	7.05	-17.6	-17.6	-29.4	-0.75		
17.0	27.56	1600.5	1592.6	1586.9	7.39	7.06	7.02	-16.7	-17.9	-28.5	-0.75		
18.0	25.88	1626.6	1618.4	1612.8	7.50	7.12	7.02	-16.6	-18.3	-28.2	-0.75		
19.0	24.13	1651.0	1642.6	1636.8	7.64	7.20	7.12	-16.8	-18.3	-28.3	-0.75		
20.0	22.75	1673.7	1665.3	1659.4	7.54	7.21	7.14	-17.6	-18.7	-29.0	-0.88		
21.0	20.56	1694.5	1685.9	1679.9	7.62	7.25	7.22	-19.2	-18.9	-29.6	-1.13		
22.0	18.63	1713.7	1704.5	1698.4	7.51	7.29	7.24	-20.5	-19.0	-29.7	-1.25		