

Voltage Controlled Oscillator

ROS-EDR4439/2

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	41.40	1042.1	1023.9	997.7	9.02	8.67	8.26	-23.8	-44.5	-65.8	1.22	1	-71
2.0	47.40	1086.6	1071.3	1045.2	9.27	8.96	8.42	-23.6	-48.7	-64.7	1.41	10	-95
3.0	56.40	1147.1	1127.7	1097.5	9.38	9.30	8.59	-22.9	-49.1	-61.7	1.66	100	-117
4.0	62.10	1211.3	1189.8	1161.2	9.27	9.36	8.79	-23.4	-50.4	-58.5	1.79	1000	-138
5.0	67.60	1279.9	1257.4	1227.5	9.61	9.31	8.64	-23.4	-52.8	-53.4	1.60		
6.0	63.20	1345.6	1320.6	1290.7	9.29	9.34	8.69	-24.3	-54.5	-49.2	1.54		
7.0	57.30	1401.4	1377.9	1352.9	9.52	9.40	8.32	-25.8	-56.8	-46.8	1.15		
8.0	55.00	1458.1	1433.0	1406.2	9.19	9.21	8.42	-26.7	-55.1	-44.2	1.15		
9.0	52.00	1507.8	1484.9	1459.2	9.09	8.87	8.17	-28.9	-52.2	-43.0	0.77		
10.0	46.60	1557.4	1531.5	1507.7	8.69	8.83	7.96	-30.5	-49.8	-42.3	0.38		
11.0	44.50	1600.4	1576.1	1557.4	8.71	8.69	7.80	-32.7	-48.2	-43.5	0.00		
12.0	47.90	1646.3	1623.9	1602.9	8.49	8.46	7.51	-35.9	-47.1	-42.2	0.13		
13.0	44.70	1690.1	1668.7	1647.9	8.46	8.18	7.26	-39.8	-44.8	-43.3	0.13		
14.0	40.60	1728.6	1709.3	1691.1	8.03	7.89	7.24	-43.4	-43.1	-40.9	-0.06		