

Voltage Controlled Oscillator

ROS-EDR4859

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	99.00	819.8	803.5	792.8	9.12	9.15	8.60	-24.4	-30.0	-57.7	0.26	1	-67
2.0	83.60	904.8	887.2	877.3	9.19	9.10	8.68	-19.4	-34.4	-56.1	0.45	10	-93
3.0	82.30	987.9	969.5	958.7	9.23	9.03	8.42	-17.3	-39.3	-54.1	0.58	100	-118
4.0	79.50	1068.0	1049.0	1038.7	8.92	8.84	8.12	-16.0	-43.9	-52.7	0.64	1000	-141
5.0	77.80	1145.4	1126.7	1115.3	8.10	8.47	8.06	-16.7	-45.7	-51.2	0.70		
6.0	74.70	1218.8	1201.4	1188.9	7.93	8.07	8.23	-18.9	-42.4	-48.4	0.70		
7.0	70.40	1290.5	1271.8	1260.0	8.09	8.13	7.60	-21.6	-39.8	-45.4	0.70		
8.0	65.50	1358.9	1337.3	1324.9	7.67	8.21	7.86	-25.3	-39.3	-46.4	0.51		
9.0	64.30	1420.5	1401.6	1388.4	8.17	7.91	7.71	-29.0	-39.0	-46.3	0.38		
10.0	59.60	1480.5	1461.2	1452.3	8.31	8.04	7.30	-32.5	-39.6	-44.5	0.00		
11.0	57.90	1540.7	1519.0	1510.8	8.05	8.25	7.65	-36.0	-39.8	-43.2	-0.32		
12.0	57.10	1594.9	1576.1	1567.4	8.11	8.07	7.39	-38.0	-39.7	-41.5	-0.51		
13.0	52.20	1650.3	1628.4	1620.8	7.60	7.94	7.46	-40.3	-39.4	-41.0	-0.64		
14.0	48.80	1697.0	1677.2	1670.3	7.88	7.90	6.95	-42.4	-40.5	-39.9	-0.70		
15.0	48.30	1745.2	1725.5	1720.0	7.36	7.69	6.88	-43.9	-40.3	-40.8	-0.70		
16.0	45.50	1787.0	1771.0	1760.0	7.38	7.35	6.71	-43.5	-41.8	-43.0	-0.64		
17.0	41.10	1828.7	1812.1	1802.1	6.93	7.03	6.49	-43.0	-42.7	-45.6	-0.77		
18.0	38.20	1865.0	1850.3	1841.3	6.75	6.68	6.04	-41.3	-42.4	-48.9	-0.77		
19.0	36.90	1901.1	1887.2	1874.9	6.42	6.13	5.83	-40.9	-42.0	-50.9	-0.70		
20.0	34.10	1935.2	1921.3	1909.0	5.70	5.55	5.43	-40.2	-40.7	-53.9	-0.70		