

Voltage Controlled Oscillator

ROS-EDR4565

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			
0.5	49.00	1677.4	1668.0	1656.8	5.31	5.29	5.82	-28.1	-37.1	-29.0	-0.26	1	-71
1.0	43.90	1698.8	1690.0	1679.0	4.84	4.98	5.56	-28.3	-35.7	-30.2	0.00	10	-97
1.5	44.40	1720.5	1712.2	1701.6	4.79	4.63	5.38	-29.3	-34.7	-30.3	0.26	100	-121
2.0	47.50	1745.2	1735.9	1725.0	4.31	4.31	5.07	-29.1	-32.2	-30.5	0.32	1000	-142
2.5	49.40	1770.7	1760.6	1750.1	3.80	4.06	4.89	-29.1	-31.1	-30.7	0.00		
3.0	49.30	1795.4	1785.3	1774.6	3.54	3.78	4.46	-29.3	-29.5	-30.1	-0.58		
3.5	46.50	1818.9	1808.5	1797.1	3.17	3.60	4.37	-29.9	-29.5	-31.2	-1.22		
4.0	42.40	1839.4	1829.7	1818.8	2.90	3.36	4.23	-30.5	-28.6	-31.1	-1.47		
4.5	36.20	1857.0	1847.8	1836.4	2.71	3.18	3.85	-30.3	-28.4	-30.8	-1.60		
5.0	28.30	1871.0	1862.0	1850.4	2.72	3.06	3.70	-30.4	-27.9	-31.5	-1.22		