

Voltage Controlled Oscillator

ROS-ED6771/4

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	94.90	1065.4	1056.0	1047.0	8.41	8.43	7.95	-16.3	-29.7	-28.8	1.43	1	-65
2.0	108.80	1175.1	1164.8	1155.3	8.17	8.28	8.24	-14.1	-29.8	-26.8	1.38	10	-82
3.0	127.00	1303.5	1291.8	1281.3	8.42	8.59	8.58	-14.7	-21.7	-28.1	1.14	100	-115
4.0	129.50	1432.8	1421.3	1411.0	8.67	8.63	8.67	-16.1	-18.1	-29.0	0.32	1000	-134
5.0	116.80	1549.0	1538.1	1528.2	8.25	8.23	8.10	-18.4	-17.4	-31.5	0.93		
6.0	99.50	1648.1	1637.6	1628.2	7.68	7.91	8.10	-23.4	-17.6	-33.6	1.16		
7.0	83.00	1730.5	1720.6	1711.7	7.44	7.44	7.38	-26.0	-19.6	-38.8	1.28		
8.0	69.90	1800.6	1790.4	1781.6	7.10	7.41	7.11	-22.9	-21.9	-37.6	1.20		
9.0	57.10	1857.4	1847.5	1838.9	6.62	6.55	6.43	-20.9	-22.4	-38.3	1.22		
10.0	46.70	1904.0	1894.2	1885.7	6.36	6.20	6.05	-19.4	-22.7	-40.7	1.16		
11.0	38.60	1942.5	1932.8	1924.5	6.49	6.14	5.69	-19.1	-23.6	-42.7	0.90		
12.0	32.30	1974.6	1965.1	1957.0	5.71	5.55	5.35	-18.9	-25.1	-43.9	0.69		
13.0	28.10	2002.5	1993.1	1985.2	5.22	4.89	4.11	-19.8	-26.8	-45.5	0.53		
14.0	25.00	2027.3	2018.1	2010.5	4.60	4.16	2.98	-20.5	-29.2	-47.7	0.46		
15.0	22.60	2049.6	2040.7	2033.5	4.13	3.44	1.33	-21.5	-31.5	-49.2	0.54		