

Voltage Controlled Oscillator

ROS-1707-119+

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			
0.0	33.54	921.3	908.9	895.5	8.58	8.70	9.96	-13.1	-21.6	-48.3	1.78	1	-74
0.5	32.77	937.2	925.7	911.2	8.58	8.68	9.90	-13.0	-22.0	-47.4	1.76	10	-102
2.0	36.74	986.8	974.5	961.2	8.51	8.72	9.77	-12.8	-23.4	-45.4	2.04	100	-123
3.0	39.30	1023.6	1011.2	997.5	8.49	8.74	9.71	-12.8	-25.2	-43.9	1.79	1000	-143
4.0	44.24	1063.4	1050.5	1037.7	8.47	8.87	9.63	-12.8	-27.2	-42.2	1.54		
5.0	47.36	1107.2	1094.8	1080.9	8.40	8.62	9.45	-12.4	-29.4	-41.9	1.72		
6.0	50.35	1154.8	1142.1	1128.0	8.39	8.48	9.43	-12.1	-31.5	-41.1	1.45		
7.0	53.50	1205.4	1192.5	1179.0	8.42	8.41	9.35	-12.2	-33.6	-40.8	1.43		
8.0	57.60	1259.7	1246.0	1233.0	8.36	8.35	9.31	-12.6	-33.9	-40.3	1.45		
9.0	58.02	1316.4	1303.6	1289.9	8.34	8.38	9.24	-12.8	-31.8	-39.4	1.46		
10.0	58.69	1373.8	1361.6	1348.8	8.25	8.34	9.25	-13.7	-31.8	-40.6	1.35		
11.0	56.51	1432.2	1420.3	1407.7	8.14	8.17	9.10	-14.2	-32.4	-40.6	1.18		
12.0	52.19	1488.4	1476.8	1464.6	8.00	8.00	8.96	-15.0	-33.1	-40.9	0.99		
13.0	48.58	1540.9	1529.0	1517.6	7.90	7.99	8.92	-16.8	-33.1	-41.8	0.82		
14.0	43.92	1588.7	1577.5	1566.6	7.78	7.93	8.91	-18.0	-33.2	-43.1	0.72		
15.0	39.33	1632.3	1621.5	1610.8	7.67	7.73	8.80	-19.1	-33.5	-43.5	0.72		
16.0	35.41	1671.7	1660.8	1650.0	7.53	7.69	8.81	-20.1	-34.1	-44.2	0.67		
17.0	32.47	1707.0	1696.2	1686.4	7.49	7.62	8.77	-21.4	-34.0	-45.3	0.66		
18.0	30.10	1739.6	1728.7	1718.7	7.39	7.59	8.70	-22.1	-34.5	-46.2	0.63		
19.0	28.45	1769.4	1758.8	1749.2	7.40	7.62	8.64	-23.2	-35.3	-48.1	0.60		
20.0	25.53	1797.3	1787.2	1776.6	7.37	7.47	8.54	-23.5	-35.7	-48.3	0.61		
21.0	24.48	1823.7	1812.7	1802.1	7.36	7.52	8.63	-25.2	-35.8	-49.7	0.66		
22.0	22.96	1848.1	1837.2	1826.7	7.37	7.51	8.61	-26.3	-36.2	-49.8	0.67		
23.0	20.82	1870.7	1860.2	1849.2	7.36	7.36	8.59	-27.2	-36.3	-50.0	0.76		
24.0	20.82	1891.9	1881.0	1870.8	7.38	7.46	8.51	-28.1	-36.2	-51.2	0.69		

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