

Voltage Controlled Oscillator

ROS-1410+

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	50.40	807.7	801.4	796.2	7.06	6.91	6.88	-12.8	-24.2	-38.8	1.50	1	-73
2.0	63.50	873.1	864.9	860.7	8.25	8.00	7.86	-10.1	-24.8	-35.3	1.47	10	-99
3.0	74.30	949.3	939.2	936.1	8.17	8.11	7.93	-8.8	-27.5	-31.7	1.24	100	-119
4.0	79.80	1030.9	1019.0	1017.1	8.69	8.42	8.17	-8.0	-29.8	-27.5	1.04	1000	-138
5.0	78.90	1111.0	1097.9	1097.1	8.32	8.35	8.08	-7.8	-24.0	-23.0	0.55		
6.0	73.80	1185.9	1171.7	1172.0	8.05	7.76	7.54	-8.2	-18.5	-19.2	0.30		
7.0	66.90	1253.2	1238.6	1240.1	7.66	7.95	7.73	-9.9	-15.6	-21.2	0.04		
8.0	61.20	1315.5	1299.7	1302.3	6.98	7.06	6.90	-11.8	-15.0	-23.0	0.26		
9.0	57.00	1373.3	1356.7	1360.1	6.49	6.64	6.54	-13.8	-13.9	-22.9	0.35		
10.0	52.80	1427.2	1409.6	1413.7	6.16	6.52	6.40	-16.3	-12.5	-22.6	0.54		
11.0	49.60	1477.5	1459.2	1464.1	5.23	5.86	5.74	-18.4	-12.6	-23.2	0.65		

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