

Voltage Controlled Oscillator

JCOS-ED4735/1

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	20.00	1068.3	1061.4	1054.6	5.70	6.56	6.32	-44.1	-51.1	-32.5	0.11	1	-88
2.0	13.70	1081.7	1075.1	1068.4	5.51	6.34	7.01	-44.8	-47.3	-32.3	0.30	10	-112
3.0	11.30	1092.9	1086.4	1079.7	6.27	7.04	6.76	-45.1	-45.4	-32.7	0.40	100	-132
4.0	10.10	1102.9	1096.5	1089.8	6.59	7.29	7.44	-46.0	-43.8	-34.0	0.49	1000	-152
5.0	9.40	1112.3	1105.9	1099.1	6.94	7.61	7.69	-47.7	-44.7	-35.4	0.62		
6.0	9.00	1121.3	1114.9	1108.1	7.26	8.03	7.98	-49.5	-44.0	-37.1	0.72		
7.0	8.90	1130.2	1123.8	1116.8	7.50	8.30	8.26	-50.3	-43.5	-38.8			
8.0	8.70	1138.9	1132.5	1125.5	7.70	8.49	8.47	-50.8	-43.3	-39.8			