

Voltage Controlled Oscillator

JTOS-ED8212/1

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			
0.5	51.76	383.6	372.1	364.6	9.99	10.77	10.65	-30.8	-37.3	-53.5	3.43	1	-76
1.0	41.69	401.9	392.9	387.8	10.12	10.87	10.79	-40.7	-37.5	-54.0	2.74	10	-97
1.5	33.30	417.4	409.6	405.7	10.36	10.92	10.57	-46.2	-37.7	-53.8	2.46	100	-117
2.0	29.17	431.7	424.2	420.3	10.53	10.82	10.57	-40.3	-39.2	-54.2	2.16	1000	-137
2.5	23.97	443.1	436.2	431.8	10.45	11.04	10.59	-37.7	-40.0	-51.8	1.15		
3.0	20.25	452.4	446.3	441.7	9.98	10.87	10.74	-36.7	-40.0	-50.3	0.60		
3.5	18.02	461.2	455.3	450.3	9.77	10.85	10.70	-36.3	-41.3	-49.2	0.32		
4.0	16.98	469.8	463.8	458.7	9.83	10.97	10.81	-36.7	-43.5	-41.2	0.38		
4.5	17.57	478.5	472.6	467.5	10.15	11.07	10.96	-37.0	-45.2	-35.7	0.54		
5.0	18.23	487.8	481.7	476.5	10.55	11.18	11.05	-37.8	-47.3	-35.2	0.55		
5.5	18.42	497.3	490.9	485.6	10.72	11.39	11.13	-38.2	-48.7	-34.7	0.50		
6.0	18.40	506.9	500.1	494.7	10.90	11.51	11.29	-38.7	-51.2	-34.2	0.45		
6.5	18.41	516.5	509.3	503.9	10.78	11.51	11.40	-38.5	-53.0	-33.3	0.40		
7.0	18.34	526.1	518.5	513.0	10.58	11.38	11.25	-37.7	-54.2	-32.5	0.36		
7.5	18.31	535.6	527.6	522.1	9.97	10.95	11.11	-36.7	-54.0	-32.2	0.29		
8.0	17.95	544.7	536.6	531.0	9.05	10.38	10.62	-35.3	-53.0	-31.7	0.16		