

# Voltage Controlled Oscillator

# JTOS-535P+

## 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	33.00	245.5	240.4	236.1	6.62	4.90	2.90	-20.2	-32.7	-29.2	0.06	1	-75
0.5	28.85	260.5	255.8	252.2	8.14	7.35	6.04	-22.8	-33.0	-30.1	0.90	10	-97
1.0	23.30	272.4	268.0	264.6	8.75	8.28	7.17	-26.7	-32.7	-30.0	0.58	100	-117
1.5	20.66	283.0	278.7	275.2	9.05	8.93	7.95	-29.8	-33.3	-31.0	0.19	1000	-137
2.0	18.98	292.7	288.4	284.9	9.32	9.49	8.55	-32.4	-34.0	-31.7	0.38		
2.5	18.30	302.1	297.6	294.2	9.60	9.91	9.04	-35.1	-34.5	-32.1	1.09		
3.0	17.86	311.1	306.5	303.4	9.66	10.03	9.48	-38.9	-34.6	-32.8	0.83		
3.5	17.87	319.9	315.4	312.4	9.99	10.46	9.67	-42.9	-34.5	-34.0	0.19		
4.0	18.19	328.7	324.5	321.3	10.06	10.61	10.11	-47.0	-34.8	-35.5	-0.13		
4.5	18.40	337.6	333.7	330.2	10.10	10.67	10.24	-48.7	-34.7	-36.7	-0.13		
5.0	18.81	347.0	343.1	339.2	10.08	10.70	10.30	-45.2	-34.5	-37.9	0.00		

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