

Voltage Controlled Oscillator

JTOS-ED5769/2

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	60.80	394.3	385.3	379.0	7.62	7.99	7.61	-23.8	-38.2	-45.5	1.41	1	-73
2.0	54.30	448.7	439.5	436.4	6.63	7.24	6.87	-23.8	-39.4	-50.3	0.65	10	-94
3.0	52.00	501.1	491.6	487.5	7.24	7.55	7.32	-23.5	-40.0	-50.6	0.50	100	-115
4.0	48.30	549.3	539.9	535.5	7.09	8.09	7.97	-23.0	-41.8	-46.2	0.53	1000	-135
5.0	44.90	595.0	584.8	579.6	7.88	8.50	8.32	-23.7	-43.7	-41.4	0.12		
6.0	38.60	633.6	623.4	617.9	8.05	8.61	8.44	-26.3	-37.1	-45.0	0.13		
7.0	33.90	667.6	657.3	651.6	8.73	9.32	8.98	-27.4	-37.9	-49.4	0.32		
8.0	30.50	698.2	687.9	681.9	9.18	9.65	9.48	-27.8	-39.0	-47.0	0.74		
9.0	27.50	725.7	715.4	709.3	9.00	9.23	9.34	-26.9	-39.6	-48.6	0.92		
10.0	24.90	750.5	740.3	734.1	8.73	9.23	9.20	-26.8	-38.9	-50.4	1.05		
11.0	22.50	773.1	762.8	756.6	8.09	9.13	8.79	-27.3	-40.3	-49.7	1.21		
12.0	20.40	793.6	783.2	777.0	7.80	8.66	8.43	-27.1	-40.0	-47.6	1.23		
13.0	18.70	812.2	801.8	795.9	7.65	8.23	8.01	-27.0	-41.5	-45.8	1.23		
14.0	17.30	829.3	819.1	813.7	7.69	8.14	7.94	-27.1	-43.0	-43.1	1.09		
15.0	16.30	845.3	835.4	830.8	7.58	8.16	8.07	-27.7	-43.9	-42.7	0.93		